

Bound Reports

1720

This redlined draft, generated by CompareRite (TM) - The Instant Redliner, shows the differences between -

original document : I:\SYS\APPS\DOCSOPEN\ZK\JSR\1C9601!.WPD

and revised document: I:\SYS\APPS\DOCSOPEN\ZK\JSR\1C9605!.WPD

CompareRite found 298 change(s) in the text

Deletions appear as Strikethrough text surrounded by {}

Additions appear as "Redline" text surrounded by []

RECEIVED

MAR 29 1999

4-069-0357-17-ED

PDS

ORLANDO

SJR WMD

19451-3

THIS INSTRUMENT PREPARED BY:

PATRICIA {KIMBALL} [CYMBAL] FLETCHER, ESQ.
ZACK KOSNITZKY, P.A.
100 S.E. Second Street
Suite 2800
Miami, Florida 33131

RECEIVED

MAR 29 1999
4-069-035 AME
PDS
ORLANDO
SJR WMD

DECLARATION OF RESTRICTIONS AND COVENANTS
FOR
LEGENDS GOLF AND COUNTRY CLUB COMMUNITY

TABLE OF CONTENTS

1.	Recitals	1
2.	Definitions	1
3.	Plan of Development	{5} [6]
4.	Amendment	{5} [6]
4.1.	General Restrictions on Amendments	{5} [6]
4.2.	Amendments Prior to the {Community Completion} [Turnover] Date	{5} [6]
4.3.	Amendments From and After the Community Completion Date	{5} [7]
5.	Annexation and Withdrawal	{5} [7]
5.1.	Annexation by Developer	{5} [7]
5.2.	Annexation by Association	{5} [7]
5.3.	Withdrawal	{5} [7]
6.	Dissolution	{6} [7]
6.1.	Generally	{6} [7]
6.2.	Applicability of Declaration after Dissolution	{6} [7]
7.	Binding Effect and Membership	{6} [8]
7.1.	Term	{6} [8]
7.2.	Transfer	{6} [8]
7.3.	Membership	{6} [8]
7.4.	Ownership by Entity	{6} [8]
7.5.	Voting Interests	{6} [8]
7.6.	Document Recordation by Owners Prohibited	{6} [8]
7.7.	Conflicts	{6} [8]
8.	Paramount Right of Developer	{6} [8]

9.	<u>Operation of Common Areas</u>	{7} [9]
9.1.	<u>Prior to Conveyance.</u>	{7} [9]
9.2.	<u>Construction of Common Areas Facilities</u>	{7} [9]
9.3.	<u>Use of Common Areas by Developer</u>	{7} [9]
9.4.	<u>Conveyance.</u>	{7} [9]
9.5.	<u>Operation After Conveyance.</u>	[10] {7}
9.6.	<u>Paved Common Areas</u>	[10] {7}
9.7.	<u>Delegation.</u>	[10] {8}
9.8.	<u>Use.</u>	[10] {8}
	9.8.1. <u>Nonexclusive Use</u>	[10] {8}
	9.8.2. <u>Right to Allow Use</u>	[10] {8}
	9.8.3. <u>Waterbodies</u>	[11] {8}
	9.8.4. <u>Obstruction of Common Areas</u>	[11] {8}
	9.8.5. <u>Assumption of Risk</u>	[11] {8}
	9.8.6. <u>Owner's Obligation to Indemnify</u>	[11] {8}
9.9.	<u>Rules and Regulations.</u>	[11] {9}
	9.9.1. <u>Generally</u>	[12] {9}
	9.9.2. <u>Developer Not Subject to Rules and Regulations</u>	[12] {9}
9.10.	<u>Public Facilities</u>	[12] {9}
9.11.	<u>Default by Another Owner.</u>	[12] {9}
9.12.	<u>Water Mains.</u>	[12] {9}
9.13.	<u>Association's Obligation to Indemnify.</u>	[12] {9}
9.14.	<u>Site Plans and Plats</u>	[13] {9}
10.	<u>Maintenance by Association.</u>	{10} [13]
10.1.	<u>Common Areas.</u>	{10} [13]
10.2.	<u>Adjoining Areas</u>	{10} [13]
10.3.	<u>Negligence.</u>	{10} [13]
10.4.	<u>Right of Entry.</u>	{10} [13]
10.5.	<u>Maintenance of Property Owned by Others.</u>	{10} [13]
	10.5.1. <u>Public Rights of Way</u>	{10} [14]
10.6.	<u>Lake Slopes</u>	{10} [14]
10.7.	<u>Surface Water Management System</u>	{10} [14]
	10.7.1. <u>Duty to Maintain</u>	{10} [14]
	10.7.2. <u>Amendments to Association Documents</u>	{10} [14]
	10.7.3. <u>Enforcement</u>	{11} [14]
11.	<u>Use Restrictions.</u>	{11} [14]
11.1.	<u>Disputes as to Use.</u>	{11} [14]
11.2.	<u>Use of Homes</u>	{11} [14]
11.3.	<u>Leases</u>	{11} [14]
11.5.	<u>Lawful Use</u>	{11} [15]
11.6.	<u>Maintenance by Owners and/or Neighborhood Associations</u>	{11} [15]
	11.6.1. <u>Standard of Maintenance</u>	{11} [15]
	11.6.2. <u>Common Area Enclosed by a Private Fence</u>	{11} [15]
	11.6.3. <u>Weeds</u>	{11} [15]
	11.6.4. <u>Driveway Easement</u>	{11} [15]
11.7.	<u>Lawn Maintenance</u>	{11} [15]
11.8.	<u>Lawn Maintenance Standards</u>	{11} [15]
	11.8.1. <u>Replacement of Annuals</u>	{12} [15]
	11.8.2. <u>Trees</u>	{12} [15]
	11.8.3. <u>Shrubs</u>	{12} [15]

11.8.4.	Grass	{12}	[16]
11.8.5.	Mulch	{12}	[16]
11.8.6.	Insect Control and Disease	{12}	[16]
11.8.7.	Fertilization	{12}	[16]
11.8.8.	Irrigation	{12}	[16]
11.8.9.	Weeding	{12}	[16]
11.8.10.	Trash Removal	{12}	[16]
11.8.11.	Right of Association to Enforce	{12}	[16]
11.8.12.	Drainage System	{12}	[16]
11.9.	Zero Lot Line Homes	{12}	[16]
11.9.1.	Easement for Zero Lot Line Wall Maintenance	{12}	[16]
11.9.2.	Adjacent Owner Paint Obligation	{13}	[17]
11.9.3.	No Structural Change	{13}	[17]
11.9.4.	Damage by Owner of Adjacent Home	{13}	[17]
11.9.5.	Construction Easement	{13}	[17]
11.10.	Irrigation	{13}	[17]
11.11.	Wells and Septic Tanks	{13}	[17]
11.12.	Boundaries of Maintenance	{13}	[18]
11.13.	Subdivision and Regulation of Land	{13}	[18]
11.14.	Alterations and Additions	{13}	[18]
11.15.	Signs and Flags	{13}	[18]
11.16.	Roofs, Driveways and Pressure Treatment.	{13}	[18]
11.17.	Paint.	{13}	[18]
11.18.	Hurricane Shutters.	{14}	[18]
11.19.	Wall Units	{14}	[18]
11.20.	Window Treatments	{14}	[18]
11.21.	Satellite Dishes and Antennae.	{14}	[18]
11.22.	Swimming and Boating	{14}	[19]
11.23.	Oil and Mining Operations	{14}	[19]
11.24.	Fuel Storage	{14}	[19]
11.25.	Pools.	{14}	[19]
11.26.	Visibility on Corners	{14}	[19]
11.27.	Holiday Lights and Other Lighting.	{14}	[19]
11.28.	Removal of Soil and Additional Landscaping	{14}	[19]
11.29.	Casualty Destruction to Improvements	{14}	[19]
11.30.	Animals	{15}	[19]
11.31.	Nuisances	{15}	[20]
11.32.	Minor's Use of Facilities	{15}	[20]
11.33.	Personal Property	{15}	[20]
11.34.	Storage	{15}	[20]
11.35.	Garbage	{15}	[20]
11.36.	Laundry	{15}	[20]
11.37.	Control of Contractors	{15}	[20]
11.38.	Servants	{15}	[21]
11.39.	Parking	{15}	[21]
11.40.	Garages	{16}	[21]
11.41.	Cooking	{16}	[21]
11.42.	Substances	{16}	[21]
11.43.	Extended Vacation and Absences	{16}	[21]
11.44.	Commercial Activity	{16}	[21]
11.45.	Completion and Sale of Units	{16}	[22]
11.46.	Artificial Vegetation	{16}	[22]

11.47.	<u>Decorations</u>	{16}	[22]
11.48.	<u>Sports Equipment</u>	{16}	[22]
11.49.	<u>Fences, Walls and Screens</u>	{16}	[22]
12.	<u>Party Walls</u>	{17}	[22]
12.1.	<u>General Rules of Law to Apply</u>	{17}	[22]
12.2.	<u>Sharing of Repair, Replacement and Maintenance for Party Walls</u>	{17}	[22]
12.2.1.	<u>Generally</u>	{17}	[22]
12.2.2.	<u>Failure to Contribute</u>	{17}	[23]
12.2.3.	<u>Alterations</u>	{17}	[23]
12.3.	<u>Weatherproofing</u>	{17}	[23]
12.4.	<u>Easements</u>	{17}	[23]
13.	<u>Easement for Unintentional and Non-Negligent Encroachments</u>	{17}	[23]
14.	<u>Insurance</u>	{17}	[23]
14.1.	<u>Flood Insurance</u>	{17}	[23]
14.2.	<u>Liability Insurance</u>	{17}	[23]
14.3.	<u>Directors and Officers Liability Insurance</u>	{17}	[23]
14.4.	<u>Other Insurance</u>	{17}	[23]
14.5.	<u>Homes</u>	{17}	[23]
14.5.1.	<u>Requirement to Maintain Insurance</u>	{18}	[24]
14.5.2.	<u>Requirement to Reconstruct</u>	{18}	[24]
14.5.3.	<u>Standard of Work</u>	{18}	[24]
14.5.4.	<u>Additional Rights of Association</u>	{18}	[24]
14.5.5.	<u>Association Has No Liability</u>	{18}	[24]
14.6.	<u>Fidelity Bonds</u>	{18}	[24]
14.7.	<u>Association as Agent</u>	{18}	[25]
14.8.	<u>Casualty to Common Areas</u>	{18}	[25]
14.9.	<u>Nature of Reconstruction</u>	{19}	[25]
14.10.	<u>Additional Insured</u>	{19}	[25]
14.11.	<u>Cost of Payment of Premiums</u>	{19}	[25]
15.	<u>Property Rights</u>	{19}	[25]
15.1.	<u>Owners' Easement of Enjoyment</u>	{19}	[25]
15.2.	<u>Ingress and Egress</u>	{19}	[26]
15.3.	<u>Development Easement</u>	{19}	[26]
15.4.	<u>Public Easements</u>	{19}	[26]
15.5.	<u>Delegation of Use</u>	{20}	[26]
15.6.	<u>Easement for Encroachments</u>	{20}	[27]
15.7.	<u>Permits, Licenses and Easements</u>	{20}	[27]
15.8.	<u>Support Easement and Maintenance Easement</u>	{20}	[27]
15.9.	<u>Drainage</u>	{20}	[27]
15.10.	<u>Easement for Access and Drainage</u>	{20}	[27]
15.11.	<u>Club Easements</u>	{20}	[27]
15.12.	<u>Easement for Errant Golf Balls</u>	{20}	[27]
15.13.	<u>Duration</u>	{20}	[28]
16.	<u>Club Covenants</u>	{20}	[28]
17.	<u>Assessments</u>	{21}	[28]
17.1.	<u>Types of Assessments</u>	{21}	[28]

17.2.	Purpose of Assessments	{21}	[28]
17.3.	Club Charges	{21}	[29]
17.4.	Designation	{22}	[29]
17.5.	Allocation of Operating Costs	{22}	[29]
17.6.	General Assessments Allocation	{22}	[30]
17.7.	Use Fees and Individual Assessment	{22}	[30]
17.8.	Commencement of First Assessment	{22}	[30]
17.9.	Shortfalls and Surpluses	{22}	[30]
17.10.	Budgets	{22}	[30]
17.11.	Establishment of Assessments	{22}	[30]
17.12.	Working Capital Fund	{23}	[30]
17.13.	Assessment Estoppel Certificates	{23}	[31]
17.14.	Payment of Home Real Estate Taxes	{23}	[31]
17.15.	Collection of Neighborhood Association Assessments	{23}	[31]
17.16.	Creation of the Lien and Personal Obligation	{23}	[31]
17.17.	Subordination of the Lien to Mortgages and Club Charges	{23}	[31]
17.18.	Acceleration	{24}	[32]
17.19.	Non-Payment of Assessments	{24}	[32]
17.20.	Exemption	{24}	[32]
17.21.	Collection by Developer	{24}	[32]
17.22.	Rights to Pay Assessments and Receive Reimbursement	{24}	[33]
17.23.	Club Charges	{24}	[33]
17.24.	Mortgagee Right	{24}	[33]
18.	Information to Lenders and Owners {24}		[33]
18.1.	Availability	{25}	[33]
18.2.	Copying	{25}	[33]
18.3.	Notice	{25}	[33]
19.	Architectural Control	{25}	[33]
19.1.	Architectural Control Committee	{25}	[33]
19.2.	Membership	{25}	[34]
19.3.	General Plan	{25}	[34]
19.4.	Master Plan	{25}	[34]
19.5.	Community Standards	{25}	[34]
19.6.	Quorum	{25}	[34]
19.7.	Power and Duties of the ACC	{26}	[34]
19.8.	Procedure	{26}	[34]
19.9.	Alterations	{26}	[35]
19.10.	Variances	{26}	[35]
19.11.	Permits	{26}	[35]
19.12.	Construction by Owners	{26}	[36]
19.13.	Inspection	{27}	[36]
19.14.	Violation	{27}	[36]
19.15.	Court Costs	{27}	[37]
19.16.	Certificate	{27}	[37]
19.17.	Certificate of Compliance	{27}	[37]
19.18.	Exemption	{27}	[37]
19.19.	Exculpation	{28}	[37]
20.	Owners Liability	{28}	[37]
20.1.	Right to Cure	{28}	[37]

20.2.	Non-Monetary Defaults	{28}	[38]
20.3.	No Waiver	{28}	[38]
20.4.	Rights Cumulative	{28}	[38]
20.5.	Enforcement By or Against Other Persons	{29}	[38]
20.6.	Fines	{29}	[39]
21.	Additional Rights of Developer	{29}	[39]
21.1.	Sales and Administrative Offices	{29}	[39]
21.2.	Modification	{29}	[39]
21.3.	Promotional Events	{29}	[39]
21.4.	Use by Prospective Purchasers	{29}	[39]
21.5.	Franchises	{29}	[40]
21.6.	Easements	{29}	[40]
21.7.	Right to Enforce	{30}	[40]
21.8.	Additional Development	{30}	[40]
21.9.	Representations	{30}	[40]
21.10.	Duration of Rights	{30}	[40]
21.11.	Non-Liability	{30}	[41]
21.12.	Resolution of Disputes	{31}	[41]
21.13.	Venue	{31}	[42]
21.14.	Reliance	{31}	[42]
{-} 22.	Telecommunications Services	{31}	[42]
22.2.	Easements	{32}	[42]
22.3.	Restoration	{32}	[43]
{22.4. No Amendment 32} [23.	Monitoring System		43]
23.1.	Right to Install	{32}	[43]
23.2.	Components	{32}	[43]
23.3.	Part of Operating Costs	{32}	[43]
23.4.	Club Owner	{32}	[44]
23.5.	Owners' Responsibility	{33}	[44]
24.	Refund of Taxes and Other Charges	{33}	[44]
25.	Assignment of Powers	{33}	[44]
26.	General Provisions	{33}	[44]
26.1.	Authority of Board	{33}	[44]
26.2.	Severability	{33}	[44]
26.3.	Execution of Documents		{33}
26.4.	Notices		33
26.5.	Florida Statutes		33
26.6.	Title Documents		33
27.7.-} [44			
26.4.	Affirmative Obligation of Associator		45
26.5.	Notices		45
26.6.	Florida Statutes		45
26.7.	Title Documents		45
26.8.]	Construction Activities	{34}	[46]

DECLARATION OF RESTRICTIONS AND COVENANTS
FOR
LEGENDS GOLF AND COUNTRY CLUB COMMUNITY

THIS DECLARATION OF RESTRICTIONS AND COVENANTS FOR LEGENDS GOLF AND COUNTRY CLUB COMMUNITY (this "Declaration") is made this _____ day of {January} [March], 1999 by Lennar Homes, Inc., a Florida corporation ("Lennar") and joined in by Legends Country Club Community Association, Inc., a Florida not-for-profit corporation and _____.

R E C I T A L S

- A. Lennar is the owner of the real property in Lake County, Florida more particularly described in Exhibit 1 attached hereto and made a part hereof ("Legends Community").
- B. Lennar desires to subject Legends Community to the covenants, conditions and restrictions contained in this Declaration.
- C. This Declaration is a covenant running with all of the land comprising Legends Community, and each present and future owner of interests therein and their heirs, successors and assigns are hereby subject to this Declaration;
- D. Legends Community is included in an effective development-of-regional-impact development order granted under Resolution No. _____, the Development of Regional Impact Development Order _____, as further evidenced by that certain _____, recorded in Official Records Book _____ at Page _____ of the Public Records of _____ County, Florida, as amended from time to time.

NOW THEREFORE, in consideration of the premises and mutual covenants herein contained, Lennar hereby declares that the real property described in Exhibit 1 attached hereto and made a part hereof shall be owned, held, used, transferred, sold, conveyed, demised and occupied subject to the covenants, restrictions, easements, reservations, regulations, burdens and liens hereinafter set forth.

1. Recitals. The foregoing Recitals are true and correct and are incorporated into and form a part of this Declaration.
2. Definitions.

In addition to the terms defined elsewhere in this Declaration, all initially capitalized terms herein shall have the following meanings:

"ACC" shall mean the Architectural Control Committee established pursuant to Section 19 hereof.

"Articles" shall mean the Articles of Incorporation of Association filed with the Florida Secretary of State in the form attached hereto as Exhibit 2 and made a part hereof.

"Assessments" shall mean any assessments made in accordance with this Declaration and as further defined in Section 17.1 hereof.

"Association" shall mean the Legends Country Club Community Association, Inc., its successors and assigns.

"Association Documents" shall mean this Declaration, the Articles, the By-Laws, the Rules and Regulations, and the Community Standards.

"Basic Service" shall mean "basic service tier" as described in Section 62.(b)(7)(A) of the Cable Television Consumer Protection Act of 1992.

"Board" shall mean the Board of Directors of Association.

"Builder" shall mean any person or entity that purchases a Parcel from Developer for the purpose of constructing one or more Homes.

"By-Laws" shall mean the By-Laws of Association in the form attached hereto as Exhibit 3 and made a part hereof.

"Club" shall mean the Legends Golf and Country Club, including the land and club facilities provided for the Owners pursuant to the provisions of Club Covenants.

"Club Charges" shall mean the charges related to the Club to be paid by the Owners pursuant to the provisions of the Club Covenants including, without limitation, the Club Fee.

"Club Covenants" shall mean Legends Golf and Country Club Covenants together with all amendments and modifications thereof. A copy of the Club Covenants is attached hereto as Exhibit 4 and made a part hereof. This Declaration is subordinate in all respects to the Club Covenants.

"Club Fee" shall mean the fee to be paid to the Club Owner by each Owner pursuant to the provisions of this Declaration and the Club Covenants.

"Club Manager" shall mean the entity operating and managing the Club at any given time. As provided in the Club Covenants, Association may, at the direction of Club Owner, be required to act as Club Manager from time to time.

"Club Operating Costs" shall have the meaning set forth in the Club Covenants.

"Club Owner" shall mean the owner of the Club, its successors and assigns. Presently the Club Owner is Lennar.

"Common Areas" shall mean all real property interests and personalty within Legends Community designated as Common Areas from time to time by Plat or recorded amendment to this Declaration and provided for, owned, leased by, or dedicated to, the common use and enjoyment of the Owners within Legends Community. The Common Areas may include, without limitation, open space areas, internal buffers, landscape areas, perimeter buffers, improvements, easement areas owned by others, additions, lakes, [Surface Water Management System,] fountains, irrigation pumps, irrigation lines, parks, pool, meeting room, fitness center, sidewalks, private roads or streets (excluding streets owned or to be owned by a Neighborhood Association), street lights, service roads, walls, commonly used utility facilities, recreation center, project signage, parking areas, other lighting, entrance features, electronic gates, lights, Neighborhood entrance features, entrance gates and gatehouses. The Common Areas do not include any portion of a Home or the Club[, except that the Common Areas will include the portions of the Surface Water Management System, within the Club, if any]. NOTWITHSTANDING ANYTHING HEREIN CONTAINED TO THE CONTRARY, THE DEFINITION OF "COMMON AREAS" AS SET FORTH IN THIS DECLARATION IS FOR DESCRIPTIVE PURPOSES ONLY AND SHALL IN NO WAY BIND OR OBLIGATE DEVELOPER TO CONSTRUCT OR SUPPLY ANY SUCH ITEM AS SET FORTH IN SUCH DESCRIPTION. FURTHER, NO PARTY SHALL BE ENTITLED TO RELY UPON SUCH DESCRIPTION AS A REPRESENTATION OR WARRANTY AS TO THE EXTENT OF THE COMMON AREAS TO BE OWNED, LEASED BY OR DEDICATED TO ASSOCIATION, EXCEPT AFTER CONSTRUCTION AND DEDICATION OR CONVEYANCE OF ANY SUCH ITEM.

"Community Completion Date" shall mean the date upon which all Homes in Legends Community, as ultimately planned and as fully developed, have been conveyed by Developer to Owners.

"Community Standards" shall mean such standards of conduct, maintenance or other activity, if any, established by the ACC pursuant to Section ? hereof.

"Contractors" shall have the meaning set forth in Section 19.12.2 hereof.

"Data Transmission Services" shall mean enhanced services as defined in Section 64.702 of Title 47 of the Code of Federal Regulations, as amended from time to time, and without regard to whether the transmission facilities are used in interstate commerce.

"Declaration" shall mean this Declaration, together with all amendments and modifications thereof.

"Developer" shall mean Lennar and any of its designees, successors and assigns who receive a written assignment of all or some of the rights of Developer hereunder. Such assignment need not be recorded in the Public Records in order to be effective. In the event of such a partial assignment, the assignee shall not be deemed Developer, but may exercise such rights of Developer specifically assigned to it. Any such assignment may be made on a non-exclusive basis.

"Expanded Basic Service" shall mean video programming services offered in addition to Basic Service, excluding Premium Channels.

"Home" shall mean a residential home and appurtenances thereto constructed on a Parcel within Legends Community. A Home shall include, without limitation, a condominium unit, coach home, villa, townhouse unit, single family home, zero lot line home, and each residential apartment within an apartment building. The term Home may not reflect the same division of property as reflected on a Plat. A Home shall be deemed created and have perpetual existence upon the issuance of a final or temporary Certificate of Completion for such residence; provided, however, the subsequent loss of such Certificate of Completion (*e.g.*, by casualty or remodeling) shall not affect the status of a Home, or the obligation of Owner to pay Assessments with respect to such Home. The term "Home" includes any interest in land, improvements, or other property appurtenant to the Home.

"Individual Assessments" shall have the meaning set forth in Section 17.2.5 hereof.

"Lake Slope Maintenance Standards" shall have the meaning set forth in Section 10.6 hereof.

"Lawn Maintenance Standards" shall have the meaning set forth in Section 11.8.

"Legends Community" shall have the meaning set forth in the Recitals hereof subject to additions and deletions thereto as permitted pursuant to the terms of this Declaration. Developer may, when amending or modifying the description of real property which is subject to the operation of this Declaration, also amend or modify the definition of Legends Community.

"Lender" shall mean the holder of a first mortgage encumbering a Parcel or Home.

"Lennar" shall mean Lennar Homes, Inc. a Florida corporation.

"Master Plan" shall mean collectively the any full or partial concept plan for the development of Legends Community, as it exists as of the date of recording this Declaration, regardless of whether such plan is currently on file with one or more governmental agencies. The Master Plan is subject to change as set forth herein. The Master Plan is not a representation by Developer as to the development of Legends Community or its amenities, as Developer reserves the right to amend all or part of the Master Plan from time to time.

"Maximum Share" shall have the meaning set forth in Section 17.5.2 hereof.

"Monitoring System" shall mean any electronic surveillance and/or monitoring system intended to control access, provide alarm service, and/or enhance the welfare of Legends Community. By way of example, and not of limitation, the term Monitoring System may include a central alarm system, electronic entrance gates, gatehouses, roving attendants, wireless communication to Homes, or any combination thereof. THE PROVISION OF A MONITORING SYSTEM SHALL IN NO MANNER CONSTITUTE A WARRANTY OR REPRESENTATION AS TO THE PROVISION OF OR LEVEL OF SECURITY WITHIN THE LEGENDS COMMUNITY. DEVELOPER, BUILDERS, CLUB OWNER, CLUB MANAGER, THE NEIGHBORHOOD ASSOCIATIONS AND THE ASSOCIATION DO NOT GUARANTEE OR WARRANT, EXPRESSLY OR BY IMPLICATION, THE MERCHANTABILITY OF FITNESS FOR USE OF ANY MONITORING SYSTEM, OR THAT ANY SUCH SYSTEM (OR ANY OF ITS COMPONENTS OR RELATED SERVICES) WILL PREVENT INTRUSIONS, FIRES, OR OTHER OCCURRENCES, REGARDLESS OF WHETHER OR NOT THE MONITORING SERVICE IS DESIGNED TO MONITOR THE SAME. EACH AND EVERY OWNER AND THE OCCUPANT OF EACH HOME ACKNOWLEDGES THAT DEVELOPER, BUILDERS, CLUB OWNER, CLUB MANAGER, THE NEIGHBORHOOD ASSOCIATIONS AND THE ASSOCIATION, THEIR EMPLOYEES, AGENTS, MANAGERS, DIRECTORS, AND OFFICERS, ARE NOT INSURERS OF OWNERS OR HOMES, OR THE PERSONAL PROPERTY LOCATED WITHIN HOMES. DEVELOPER, BUILDERS, CLUB OWNER, CLUB MANAGER, NEIGHBORHOOD ASSOCIATIONS AND THE ASSOCIATION WILL NOT BE RESPONSIBLE OR LIABLE FOR LOSSES, INJURIES, OR DEATHS RESULTING FROM ANY SUCH EVENTS.

"Monthly Assessments" shall have the meaning set forth in Section 17.2.1 hereof.

"Multichannel Video Programming Service" shall mean any method of delivering video programming to Homes *including, without limitation, interactive video programming*. By way of example, and not of limitation, the term Multichannel Video Programming Service may include cable television, satellite master antenna television, multipoint distribution systems, video dialtone, open video system or any combination thereof.

"Neighborhood" shall mean any subdivision of Legends Community which is subject to the jurisdiction of a Neighborhood Association. Each Home shall be part of a Neighborhood.

"Neighborhood Association" shall mean any homeowners or condominium association which governs a portion of Legends Community.

"Neighborhood Common Areas" shall mean all property owned and/or maintained by a Neighborhood Association.

"Neighborhood Declaration" shall mean any declaration recorded in the Public Records governing a Neighborhood including, without limitation, any condominium declaration. No Neighborhood Declaration shall be effective unless and until approved by Developer, which approval shall be evidenced by Developer's execution of, or joinder in, such Neighborhood Declaration.

"Operating Costs" shall mean all costs and expenses of Association and the Common Areas including, without limitation, all costs of ownership; operation; administration; all amounts payable by Association; all amounts required to maintain the surface water management system; all amounts payable in connection with any private street lighting agreement between Association and a utility company; amounts payable to a Telecommunications Provider for Telecommunications Services furnished to all Owners; utilities; taxes; costs relating to lake slope maintenance, insurance; bonds; Monitoring System costs; salaries; management fees; professional fees; service costs; supplies; maintenance; repairs; replacements; refurbishments; and any and all costs relating to the discharge of the obligations hereunder and/or under the Club Covenants, or as determined to be part of the Operating Costs by Association. By way of example, and not of limitation, Operating Costs shall include all of Association's legal expenses and costs relating to or arising from the enforcement and/or interpretation of this Declaration and/or the Club Covenants.

"Owner" shall mean the record owner (whether one or more persons or entities) of fee simple title to any Home. The term "Owner" shall not include Developer, Club Owner, or a Lender. A purchaser of a Parcel who thereafter builds one or more Homes upon such Parcel shall be deemed an Owner with respect to each such Home.

"Parcel" shall mean a platted or unplatted lot, tract, unit or other subdivision of real property upon which a Home has been, or will be, constructed. Once improved, the term Parcel shall include all improvements thereon and appurtenances thereto. The term Parcel, as used herein, may include more than one Home.

"Party Wall" shall mean any fence or wall built as part of the original construction of two or more Homes which is placed on the dividing line or platted lot line between such Homes.

"Permit" shall mean Permit No. _____ issued by SJRWMD, a copy of which is attached hereto as Exhibit 5.

"Plat" shall mean any plat of any portion of Legends Community filed in the Public Records, as the same may be amended by Developer, from time to time.

"Premium Channels" shall mean any channel recognized in the industry as premium including, without limitation, HBO, Showtime, Disney, Cinemax and the Movie Channel.

"Public Records" shall mean the Public Records of Lake County, Florida.

"Reserves" shall have the meaning set forth in Section 17.2.4 hereof.

"Rules and Regulations" shall mean the Rules and Regulations governing Legends Community as adopted by the Board from time to time.

"SJRWMD" shall mean the St. Johns River Water Management District.

"Special Assessments" shall mean those Assessments more particularly described as Special Assessments in Section 17.2.2 hereof.

"Surface Water Management System" shall mean the collection of devices, improvements, or natural systems whereby surface waters are controlled, impounded or obstructed. This term includes exfiltration trenches, wetland preservation areas, mitigation areas, lakes, dams, impoundments, reservoirs, drainage maintenance easements and those works defined in Section 373.403(1)-(5) of the Florida Statutes. The Legends Community Surface Water Management System includes those works authorized by SJRWMD pursuant to the Permit.

"Telecommunications Provider" shall mean any party contracting with Association to (i) provide Owners with one or more Telecommunications Services or (ii) to own, maintain and repair Telecommunications Systems allowing Telecommunications Services to be provided to Legends Community. Developer may be a Telecommunications Provider. With respect to any particular Telecommunications Services, there may be one or more Telecommunications Providers. By way of example, with respect to Multichannel Video Programming Service, one Telecommunications Provider may provide Association such service while another may own, maintain and service the Telecommunications Systems which allow delivery of such Multichannel Video Programming Service.

"Telecommunications Services" shall mean local exchange services provided by a certified local exchange carrier or alternative local exchange company, intraLATA, and interLATA voice telephony and data transmission service, Multichannel Video Programming Service, and Monitoring System. Without limiting the foregoing, such Telecommunications Services may include the provision of the following services: Toll Calls, Data Transmission Services, Basic Service and Premium Channels.

"Telecommunications Systems" shall mean all facilities, items and methods required and/or used in order to provide Telecommunications Services to Legends Community. Without limiting the foregoing, Telecommunications Systems may include wires (fiber optic or other material), conduits, passive and active electronic equipment, pipes, wireless cell sites, computers, modems, satellite antennae site(s), transmission facilities, amplifiers, junction boxes, trunk distribution, drop cables, related apparatus, converters, connections, head-end antennae, earth station(s), appurtenant devices, network facilities necessary and appropriate to support provision of local exchange services and/or any other item appropriate or necessary to support provision of Telecommunications Services. Ownership and/or control of all of a portion of any part of the Telecommunications Services may be bifurcated among network distribution architecture, system head-end equipment, and appurtenant devices (e.g., individual adjustable digital units).

"Title Documents" shall have the meaning set forth in Section {26.6} [26.7] hereof.

"Toll Calls" shall have meaning given to such term by the Florida Public Service Commission and/or the Federal Communications Commission.

"Use Fees" shall have the meaning set forth in Section 17.2.3 hereof.

"Working Capital Fund" shall have the meaning set forth in Section 18.12 hereof.

"Zero Lot Line Wall" shall mean a wall built directly on a lot line which forms part of a Home commonly known as a zero lot line. If there is any question about whether a Home is a zero lot line residence, or which portion of a residence is a Zero Lot Line Wall, the Association's determination shall be final.

3. **Plan of Development.** The planning process for Legends Community is an ever-evolving one and must remain flexible in order to be responsible to and accommodate the needs of Developer's buyers. Subject to the Title Documents, Developer may wish and has the right to develop Legends Community and adjacent property owned by Developer into residences, comprised of homes, villas, coach homes, townhomes, zero lot line homes, patio homes, multi-family homes, condominiums, rental apartments, and other forms of residential dwellings, as well as commercial development, which may include shopping centers, stores, office buildings, showrooms, industrial facilities, technological facilities, and professional offices. The existence at any point in time of walls, landscape screens, or berms is not a guaranty or promise that such items will remain or form part of Legends Community as finally developed.

4. **Amendment.**

4.1. **General Restrictions on Amendments.** Notwithstanding any other provision herein to the contrary, no amendment to this Declaration shall affect the rights of Developer or Club Owner unless such amendment receives the prior written consent of Developer or Club Owner, as applicable, which may be withheld for any reason whatsoever. No amendment shall alter the provisions of this Declaration benefitting Lenders without the prior approval of the Lender(s) enjoying the benefit of such provisions. If the prior written approval of any governmental entity or agency having jurisdiction is required by applicable law or governmental regulation for any amendment to this Declaration, then the prior written consent of such entity or agency must also be obtained. All amendments must comply with Section 10.7.2 which benefits the {SFWMD} [SJRWMD]. No amendment shall be effective until it is recorded in the Public Records.

4.2. **Amendments Prior to the {Community Completion} [Turnover] Date.** Prior to the {Community Completion} [Turnover] Date, Developer shall have the right to amend this Declaration as it deems appropriate, without the joinder or consent of any person or entity whatsoever. Such amendments may include, without limitation, the creation of easements for Telecommunications Systems, utility, drainage, ingress and egress and roof overhangs over any portion of Legends Community; additions or deletions from the properties comprising the Common Areas; changes in the Rules and Regulations, and modifications of restrictions on the Homes, and maintenance standards for landscaping. Developer's right to amend under this provision is to be construed as broadly as possible. By way of

example, and not as a limitation, Developer may create easements over Homes conveyed to Owners provided that such easements do not prohibit the use of such Homes as a residential homes. In the event that Association shall desire to amend this Declaration prior to the ~~{Community Completion}~~ [Turnover] Date, Association must first obtain Developer's prior written consent to any proposed amendment. Thereafter, an amendment identical to that approved by Developer may be adopted by Association pursuant to the requirements for amendments from and after the ~~{Community Completion}~~ [Turnover] Date. Thereafter, Developer shall join in such identical amendment so that its consent to the same will be reflected in the Public Records.

4.3. Amendments From and After the Community Completion Date. After the ~~{Community Completion}~~ [Turnover] Date, but subject to the general restrictions on amendments set forth above, this Declaration may be amended with the approval of ~~{(i)}~~[(I)] sixty six and 2/3 percent (66 $\frac{2}{3}$ %) of the Board; and (ii) seventy-five percent (75%) of all of the votes in Association.

5. Annexation and Withdrawal.

5.1. Annexation by Developer. Prior to the Community Completion Date, additional lands may be made part of Legends Community by Developer. Except for applicable governmental approvals (if any), no consent to such annexation shall be required from any other party (including, but not limited to, Association, Owners or any Lenders of any Parcel or Home). Such annexed lands shall be brought within the provisions and applicability of this Declaration by the recording an amendment to this Declaration in the Public Records. The amendment shall subject the annexed lands to the covenants, conditions, and restrictions contained in this Declaration as fully as though the annexed lands were described herein as a portion of Legends Community. Such amendment may contain additions to, or modifications of, the covenants, conditions, and restrictions contained in this Declaration as deemed appropriate by Developer and as may be necessary to reflect the different character, if any, of the annexed lands. Prior to the Community Completion Date, only Developer may add additional lands to Legends Community.

5.2. Annexation by Association. After the Community Completion Date, and subject to applicable governmental approvals (if any), additional lands may be annexed with the approval of ~~{(i)}~~[(I)] sixty-six and 2/3 percent (66 $\frac{2}{3}$ %) of the Board; and (ii) seventy-five percent (75%) of all of the votes in Association.

5.3. Withdrawal. Prior to the Community Completion Date, any portions of Legends Community (or any additions thereto) may be withdrawn by Developer from the provisions and applicability of this Declaration by the recording of an amendment to this Declaration in the Public Records. The right of Developer to withdraw portions of Legends Community shall not apply to any Home which has been conveyed to an Owner unless that right is specifically reserved in the instrument of conveyance or the prior written consent of the Owner is obtained. The withdrawal of any portion of Legends Community shall not require the consent or joinder of any other party (including, but not limited to, Association, Owners, or any Lenders of any Parcel or Home). Association shall have no right to withdraw land from Legends Community.

6. Dissolution.

6.1. Generally. In the event of the dissolution of Association without reinstatement within thirty (30) days, other than incident to a merger or consolidation, any Owner may petition the Circuit Court of the appropriate Judicial Circuit of the State of Florida for the appointment of a receiver to manage the affairs of the dissolved Association and to manage the Common Areas in the place and stead of Association, and to make of such provisions as may be necessary for the continued management of the affairs of the dissolved Association.

6.2. Applicability of Declaration after Dissolution. In the event of dissolution of Association, Legends Community and each Home therein shall continue to be subject to the provisions of this Declaration, including, without limitation, the provisions respecting Assessments and the Club specified in this Declaration and/or the Club Covenants. Each Owner shall continue to be personally obligated to the successors or assigns of Association and/or Club Owner, as the case may be, for Assessments and Club Charges to the extent that Assessments and Club Charges are required

to enable the successors or assigns of the Association and/or Club Owner to properly maintain, operate and preserve the Common Areas and/or Club. Without limiting the foregoing, the obligation of each Owner to pay the Club Fee shall survive the dissolution of the Association. The provisions of this Section shall only apply with regard to the maintenance, operation, and preservation of those portions of Legends Community which had been Common Areas and/or comprised part Club and continue to be so used for the common use and enjoyment of the Owners.

7. Binding Effect and Membership

7.1. Term. The term of this Declaration shall be perpetual. Each Owner, by acceptance of title to a Home or Parcel, and any person claiming by, through or under such Owner, agrees to be subject to this Declaration and the provisions hereof. The provisions of this Declaration are equitable servitudes and run with the land.

7.2. Transfer. The transfer of the fee title to a Home, whether voluntary or by operation of law, terminating the Owner's title to that Home shall terminate the Owner's rights to the use of and enjoyment of the Common Areas as it pertains to that Home. An Owner's rights and privileges under this Declaration are not assignable separately from a Home. The Owner of each Home is entitled to the benefits of, and is burdened with the duties and responsibilities set forth in, the provisions of this Declaration. All parties acquiring any right, title and interest in and to any Home shall be fully bound by the provisions of this Declaration. In no event shall any Owner acquire any rights that are greater than the rights granted to, and limitations placed upon its predecessor in title pursuant to the provisions of this Declaration. In the event that any Owner desires to sell or otherwise transfer title of his or her Home, such Owner shall give the Board at least fourteen (14) days prior written notice of the name and address of the purchaser or transferee, the date on which such transfer of title is to take place, and such other information as the Board may reasonably require. The transferor shall remain jointly and severally liable with the transferee for all obligations of the Owner and the Home pursuant to this Declaration including, without limitation, payment of all Assessments accruing prior to the date of transfer. Until written notice is received as provided in this Section, the transferor and transferee shall be jointly and severally liable for Assessment accruing subsequent to the date of transfer. In the event that upon the conveyance of a Home an Owner fails in the deed of conveyance to reference the imposition of this Declaration on the Home, the transferring Owner shall remain liable for Assessments accruing on the Home from and after the date of conveyance.

7.3. Membership. Upon acceptance of title to a Home, and as more fully provided in the Articles and By-Laws, each Owner shall be a member of Association. Membership rights are governed by the provisions of the Articles and By-Laws. Membership shall be an appurtenance to and may not be separated from, the ownership of a Home. Developer rights with respect to Association are set forth in the Articles and By-Laws.

7.4. Ownership by Entity. In the event that an Owner is other than a natural person, that Owner shall, prior to occupancy of the Home, designate one or more persons who are to be the occupants of the Home and register such persons with Association. All provisions of this Declaration and Rules and Regulations promulgated pursuant thereto shall apply to both such Owner and the designated occupants.

7.5. Voting Interests. Voting interests in Association are governed by the provisions of the Articles and By-Laws.

7.6. Document Recordation by Owners Prohibited. Neither Association nor any Owner, nor group of Owners, may record any documents which, in any way, affect or restrict the rights of Developer or Club Owner, or conflict with the provisions of this Declaration.

7.7. Conflicts. In the event of any conflict among this Declaration, a Neighborhood Declaration, the Articles, the By-Laws or any of the Association Documents, this Declaration shall control. In the event that a Neighborhood Declaration is more restrictive than this Declaration, the Neighborhood Declaration shall control.

8. Paramount Right of Developer. Notwithstanding anything to the contrary herein, prior to the Community Completion Date Developer shall have the paramount right to dedicate, transfer, and/or convey (by absolute

conveyance, easement, or otherwise) portions of Legends Community for various public purposes or for the provision of Telecommunications Systems, or to make any portions of Legends Community part of the Common Areas, or to create and implement a special taxing district which may include all or any portion of Legends Community. In addition, the Common Areas of Legends Community may include decorative improvements, berms, waterfalls, and waterbodies. Developer may remove, modify, eliminate or replace these items from time to time in its sole discretion. Developer specifically reserves the right to change the layout, composition, and design of all Common Areas. **SALES BROCHURES, SITE PLANS, AND MARKETING MATERIALS ARE NOT GUARANTEES OR REPRESENTATIONS AS TO WHAT FACILITIES, IF ANY, WILL BE INCLUDED WITHIN THE COMMON AREAS.**

9. Operation of Common Areas

9.1. Prior to Conveyance. Prior to the conveyance, identification and/or dedication of the Common Areas to Association, any portion of the Common Areas owned by Developer shall be operated, maintained, and administered at the sole cost of Association for all purposes and uses reasonably intended, as Developer in its sole discretion deems appropriate. During such period, Developer shall own, operate, and administer the Common Areas without interference from any Owner or Lender of a Parcel or Home or any other person or entity whatsoever. Owners shall have no right in or to any Common Areas referred to in this Declaration unless and until same are actually constructed, completed, and conveyed to, leased by, dedicated to, and/or maintained by Association. Developer has no obligation or responsibility to construct or supply any such Common Areas of Association, and no party shall be entitled to rely upon any statement contained herein as a representation or warranty as to the extent of the Common Areas to be owned, leased by, or dedicated to Association. Developer, so long as it controls Association, further specifically retains the right to add to, delete from, or modify any of the Common Areas referred to herein.

9.2. Construction of Common Areas Facilities. Developer has constructed or will construct, at its sole cost and expense, certain facilities and improvements as part of the Common Areas, together with equipment and personalty contained therein, and such other improvements and personalty as Developer determines in its sole discretion. Developer shall be the sole judge of the composition of such facilities and improvements. Prior to the Community Completion Date Developer reserves the absolute right to construct additional Common Areas facilities and improvements within Legends Community, from time to time, in its sole discretion, and to remove, add to modify and change the boundaries, facilities and improvements now or then part of the Common Areas. Developer is not obligated to, nor has it represented that it will, modify or add to the facilities, improvements, or Common Areas as they are contemplated as of the date hereof. Developer is the sole judge of the foregoing, including the plans, specifications, design, location, completion schedule, materials, size, and contents of the facilities, improvements, appurtenances, personalty (*e.g.*, furniture), color, textures, finishes, or Common Areas, or changes or modifications to any of them.

9.3. Use of Common Areas by Developer. Until the Community Completion Date Developer shall have the right to use any portion of the Common Areas, without charge, for any purpose deemed necessary by Developer.

9.4. Conveyance. Within sixty (60) days after the Community Completion Date, or earlier as determined by Developer in its sole discretion, all or portions of the Common Areas may be dedicated by Plats, created in the form of easements, or conveyed by written instrument recorded in the Public Records, or by Quitclaim Deed from Developer to Association. The dedication, creation by easement, or conveyance shall be subject to easements, restrictions, reservations, conditions, limitations, and declarations of record, real estate taxes for the year of conveyance, zoning, land use regulations and survey matters. Association shall be deemed to have assumed and agreed to pay all continuing obligations and service and similar contracts relating to the ownership operation, maintenance, and administration of the conveyed portions of Common Areas and other obligations relating to the Common Areas imposed herein. Association shall, and does hereby, indemnify and hold Developer harmless on account thereof. Association, by its joinder in this Declaration, hereby accepts such dedication(s) or conveyance(s) without setoff, condition, or qualification of any nature. The Common Areas, personal property and equipment thereon and appurtenances thereto shall be dedicated or conveyed in "as is, where is" condition WITHOUT ANY REPRESENTATION OR

WARRANTY, EXPRESSED OR IMPLIED, IN FACT OR BY LAW, AS TO THE CONDITION, FITNESS OR MERCHANTABILITY OF THE COMMON AREAS BEING CONVEYED.

9.5. Operation After Conveyance. After the conveyance or dedication of any portion of the Common Areas to Association, the portion of the Common Areas so dedicated shall be owned, operated and administered by Association for the use and benefit of the owners of all property interests in Legends Community including, but not limited to, Association, Developer, Club Owner, Owners and any Lenders. Subject to Association's right to grant easements, and other interests as provided herein, Association may not convey, abandon, alienate, encumber, or transfer all or a portion of the Common Areas to a third party without ~~{(i)}~~[(I)] if prior to the Community Completion Date, the approval of (a) a majority of the Board; and (b) the consent of Developer and Club Owner, or (ii) from and after the Community Completion Date, approval of (a) seventy-five percent (75%) of the Board; (b) seventy-five percent (75%) of all of the votes in Association; and (c) the consent of the Club Owner being first had and obtained.

9.6. Paved Common Areas. Without limiting any other provision of this Declaration, Association is responsible for the maintenance of all roads, pathways, bicycle paths, and sidewalks forming a part of the Common Areas. Although pavement appears to be a durable material, it requires maintenance. Association shall have the right, but not the obligation, to arrange for an annual inspection of all roads and sidewalks forming a part of the Common Areas by a licensed paving contractor and/or engineer with a Florida Department of Transportation Asphalt Pavement Certification. The cost of such inspection shall be a part of the Operating Costs of Association. Association shall determine annually the parameters of the inspection to be performed, if any. By way of example, and not of limitation, the inspector may be required to inspect the roads and sidewalks forming part of the Common Areas annually for deterioration and to advise Association of the overall pavement conditions including any upcoming maintenance needs. Any patching, grading, or other maintenance work should be performed by a Company licensed to perform the work. From and after the Community Completion Date, Association should monitor the roads and sidewalks forming the Common Areas monthly to ensure that vegetation does not grow into the asphalt and that there are no eroded or damaged areas that need immediate maintenance.

9.7. Delegation. Once conveyed or dedicated to Association, the Common Areas and facilities and improvements located thereon shall, subject to the provisions of this Declaration and the document of conveyance or dedication, at all times be under the complete supervision, operation, control, and management of Association. Notwithstanding the foregoing Association may delegate all or a portion of its obligations hereunder to a licensed manager or professional management company. Further, in the event that Common Area is created by easement, Association's obligations and rights with respect to such Common Area may be limited by the terms of the document creating such easement.

9.8. Use.

9.8.1. Nonexclusive Use. The Common Areas shall be used and enjoyed by the Owners on a non-exclusive basis in common with other persons, entities and corporations (who may, but are not required to be, members of Association) entitled to use those portions of the Common Areas. Prior to the Community Completion Date, Developer, and thereafter, Association, has the right, at any and all times, and from time to time, to further additionally provide and make the Common Areas available to other individuals, persons, firms, or corporations, as it deems appropriate. The granting of such rights shall not invalidate this Declaration, reduce or abate any Owner's obligations pursuant to this Declaration, or give any Owner the right to avoid any of the covenants, agreements or obligations to be performed hereunder. Without limiting the foregoing, Club Owner and all persons having a right to use the Club (whether or not they are Owners or members of the general public) shall have the right to use the Common Areas for pedestrian and vehicular ingress and egress to the Club for all purposes, and for maintenance, repair, and replacement of the Club.

9.8.2. Right to Allow Use. Developer and/or Association may enter into easement agreements or other use or possession agreements whereby the Owners, Telecommunications Providers, and/or Association and/or others may obtain the use, possession of, or other rights regarding certain property, on an exclusive or non-exclusive

basis, for certain specified purposes. Association may agree to maintain and pay the taxes, insurance, administration, upkeep, repair, and replacement of such property, the expenses of which shall be Operating Costs. Any such agreement by Association prior to the Community Completion Date shall require the consent of Developer and Club Owner. Thereafter, any such agreement shall require the approval of the majority of the Board of Directors, and the consent of Club Owner, which consent shall not be unreasonably withheld or delayed.

9.8.3. Waterbodies. Developer and Association shall not be obligated to erect fences, gates, or walls around or adjacent to any waterbody or waterfall within Legends Community. Notwithstanding the foregoing, an Owner may erect a fence adjacent to the boundary of a waterbody but within the boundary of a Home with the prior approval of the ACC. No fence or other structure may be placed within any lake maintenance easement. Petroleum powered motorized watercraft are expressly prohibited from operation on lakes within Legends Community pursuant to the Title Documents. Swimming will be permitted at designated locations. Prior to the Community Completion Date, no dock may be erected within a waterbody forming part of the Common Areas without the prior consent of Developer and the ACC. From and after the Community Completion Date, no dock may be erected within a waterbody forming part of the Common Areas without the prior consent of the ACC, and the approval of all governmental agencies and divisions having jurisdiction over the construction of a dock.

9.8.4. Obstruction of Common Areas. No portion of the Common Areas may be obstructed, encumbered, or used by Owners for any purpose other than as permitted by Association.

9.8.5. Assumption of Risk. Without limiting any other provision herein, each person using any portion of the Common Areas accepts and assumes all risk and responsibility for noise, liability, injury, or damage connected with use of such Common Areas including, without limitation, (a) noise from maintenance equipment, (b) use of pesticides, herbicides and fertilizers, (c) view restrictions caused by maturation of trees and shrubbery, (d) reduction in privacy caused by the removal or pruning of shrubbery or trees within the Legends Community, (e) design of any portion of Legends Community and (f) errant golf balls. Each such person also expressly indemnifies and agrees to hold harmless Developer, Association, Neighborhood Associations, Club Owner, Club Manager, and all employees, directors, representatives, officers, agents, and partners of the foregoing, from any and all damages, whether direct or consequential, arising from or related to the person's use of the Common Areas, including for attorneys' fees, paraprofessional fees and costs at trial and upon appeal. Without limiting the foregoing, all persons using the Common Areas, including without limitation, all waterbodies, lakes, pools or areas adjacent to a lake, do so at their own risk. BY ACCEPTANCE OF A DEED, EACH OWNER ACKNOWLEDGES THAT THE COMMON AREAS MAY CONTAIN WILDLIFE SUCH AS ALLIGATORS. DEVELOPER, BUILDERS, ASSOCIATION, NEIGHBORHOOD ASSOCIATIONS, CLUB OWNER, AND CLUB MANGER SHALL HAVE NO RESPONSIBILITY FOR MONITORING SUCH WILDLIFE OR NOTIFYING OWNERS OR OTHER PERSONS OF THE PRESENCE OF SUCH WILDLIFE. EACH OWNER AND HIS OR HER GUESTS AND INVITEES ARE RESPONSIBLE FOR THEIR OWN SAFETY.

9.8.6. Owner's Obligation to Indemnify. Each Owner agrees to indemnify and hold harmless Developer, Association, Club Owner, and Club Manager, their officers, partners, agents, employees, affiliates, directors and attorneys (collectively, "Indemnified Parties") against all actions, injury, claims, loss, liability, damages, costs and expenses of any kind or nature whatsoever ("Losses") incurred by or asserted against any of the Indemnified Parties from and after the date hereof, whether direct, indirect, or consequential, as a result of or in any way related to the Common Areas, including, without limitation, use of the lakes and other waterbodies within Legends Community by Owners, and their guests, family members, invitees, or agents, or the interpretation of this Declaration and/or exhibits attached hereto and/or from any act or omission of Developer, Association, Club Owner, or Club Manager or of any of the Indemnified Parties. Should any Owner bring suit against Developer, Association, Club Owner or Club Manager or any of the Indemnified Parties for any claim or matter and fail to obtain judgment therein against such Indemnified Parties, such Owner shall be liable to such parties for all Losses, costs and expenses incurred by the Indemnified Parties in the defense of such suit, including attorney's fees and paraprofessional fees at trial and upon appeal.

9.9. Rules and Regulations.

9.9.1. Generally. Prior to Community Completion Date, the Developer, and thereafter Association, shall have the right to adopt Rules and Regulations governing the use of the Common Areas. The Rules and Regulations need not be recorded in the Public Records. The Common Areas shall be used in accordance with this Declaration and Rules and Regulations promulgated relating thereto.

9.9.2. Developer Not Subject to Rules and Regulations. The Rules and Regulations shall not apply to the Developer or to any property owned by Developer, and shall not be applied in a manner which would prohibit or restrict the development or operation of the Club or adversely affect the interests of the Developer. Without limiting the foregoing, Developer, and/or its assigns, shall have the right to: ~~{(i)}~~⁽¹⁾ develop and construct commercial and industrial uses, Homes, Common Areas and the Club and related improvements within Legends Community, and make any additions, alterations, improvements, or changes thereto; (ii) maintain sales offices (for the sale and re-sale of (a) Homes and (b) residences and properties located outside of Legends Community), general office and construction operations within Legends Community; (iii) place, erect or construct portable, temporary or accessory buildings or structure within Legends Community for sales, construction storage or other purposes; (iv) temporarily deposit, dump or accumulate materials, trash, refuse and rubbish in connection with the development or construction of any portion of Legends Community; (v) post, display, inscribe or affix to the exterior of any portion of the Common Areas or portions of Legends Community owned by Developer, signs and other materials used in developing, constructing, selling or promoting the sale of any portion Legends Community including, without limitation, Parcels and Homes; (vi) excavate fill from any lakes or waterways within and/or contiguous to Legends Community by dredge or dragline, store fill within Legends Community and remove and/or sell excess fill; and grow or store plants and trees within, or contiguous to, Legends Community and use and/or sell excess plants and trees; and (vii) undertake all activities which, in the sole opinion of Developer, are necessary for the development and sale of any lands and improvements comprising Legends Community.

9.10. Public Facilities. Legends Community may include one or more facilities which may be open and available for the use of the general public. By way of example, there may be a public park, fire station, police station, school, school park, or other facility within the boundaries of Legends Community.

9.11. Default by Another Owner. No default by any Owner in the performance of the covenants and promises contained in this Declaration or by any person using the Common Areas or any other act of omission by any of them shall be construed or considered (a) a breach by Developer or Association or a non-defaulting Owner or other person or entity of any of their promises or covenants in this Declaration; or (b) an actual, implied or construction dispossession of another Owner from the Common Areas; or ~~{(c)}~~ ^[(c)] an excuse, justification, waiver or indulgence of the covenants and promises contained in this Declaration.

9.12. Water Mains. In the event the Lake County or any of its subdivisions, agencies, and/or divisions must remove any portion of a Home driveway which is constructed of pavers within any portion of the Common Areas, then Association will be responsible to replace or repair the driveway at Association's expense.

9.13. Association's Obligation to Indemnify. Association and Owners each covenant and agree jointly and severally to indemnify, defend and hold harmless Developer, its officers, directors, shareholders, and any related persons or corporations and its employees from and against any and all claims, suits, actions, causes of action or damages arising from any personal injury, loss of life, or damage to property, sustained on or about the Common Areas, or other property serving Association, and improvements thereon, or resulting from or arising out of activities or operations of Association or Owners, and from and against all costs, expenses, court costs, attorneys' fees and paraprofessional fees (including, but not limited to, all trial and appellate levels and whether or not suit be instituted), expenses and liabilities incurred or arising from any such claim, the investigation thereof, or the defense of any action or proceedings brought thereon, and from and against any orders judgments or decrees which may be entered relating thereto. The costs and expense of fulfilling this covenant of indemnification shall be Operating Costs to the extent such matters are not covered by insurance maintained by Association.

9.14. Site Plans and Plats. Legends Community may be subject to one or more plats (individually, a "Plat"). The Plat may identify some of the Common Areas within Legends Community. The description of the Common Areas on a Plat is subject to change and the notes on a Plat are not a guarantee of what facilities will be constructed on such Common Areas. Site plans used by Developer in its marketing efforts illustrate the types of facilities which may be constructed on the Common Areas, but such site plans are not a guarantee of what facilities will actually be constructed. Each Owner should not rely on a Plat or any site plans used for illustration purposes as the Declaration governs the rights and obligations of Developer and Owners with respect to the Common Areas.

10. Maintenance by Association.

10.1. Common Areas. Except as otherwise specifically provided in this Declaration to the contrary, Association shall at all times maintain, repair, replace and insure the Common Areas, including all improvements placed thereon.

10.2. Adjoining Areas. Association shall also maintain those drainage areas, swales, lake maintenance easements, driveways, and landscape areas that are within the Common Areas and immediately adjacent to a Home, provided that such areas are readily accessible to Association. Under no circumstances shall Association be responsible for maintaining any areas within fences or walls that form a part of a Home. Maintenance of driveways within the boundaries of a Parcel shall be the responsibility of the Owners in some Neighborhoods; however, Association shall be responsible for repairing any driveway which must be removed in order to maintain the Surface Water Management System.

10.3. Negligence. The expense of any maintenance, repair or construction of any portion of the Common Areas necessitated by the negligent or willful acts of an Owner or Neighborhood Association, or persons utilizing the Common Areas, through or under Owner or Neighborhood Association, shall be borne solely by such Owner or Neighborhood Association and the Home and/or Parcel owned by that Owner shall be subject to an Individual Assessment for that expense. By way of example, and not of limitation, an Owner shall be responsible for the removal of all landscaping and structures placed within easements or Common Areas without the prior written approval of Association.

10.4. Right of Entry. Developer, Club Owner, and Association are granted a perpetual and irrevocable easement over, under and across Legends Community for the purposes herein expressed, including, without limitation, for inspections to ascertain compliance with the provisions of this Declaration, and for the performance of any maintenance, alteration or repair which it is entitled to perform. Without limiting the foregoing, Developer specifically reserves easements for all purposes necessary to comply with any governmental requirement or to satisfy any condition that is a prerequisite for a governmental approval. By way of example, and not of limitation, Developer may construct, maintain, repair, alter, replace and/or remove improvements; install landscaping; install utilities; and/or remove structures on any portion of Legends Community if Developer is required to do so in order to obtain the release of any bond posted with any governmental agency.

10.5. Maintenance of Property Owned by Others. Association shall, if designated by Developer by amendment to this Declaration or any document of record, including without limitation declaration(s) of condominium, maintain vegetation, landscaping, sprinkler system, community identification/features and/or other areas or elements designated by Developer upon areas which are within or outside of Legends Community. Such areas may abut, or be proximate to, Legends Community, and may be owned by, or dedicated to, others including, but not limited to, a utility, governmental or quasi-governmental entity. These areas may include (for example and not limitation) swale areas, landscape buffer areas, berm areas or median areas within the right-of-way of public streets, roads, drainage areas, community identification or entrance features, community signage or other identification and/or areas within canal rights-of-ways or other abutting waterways.

10.5.1. Public Rights of Way. Without limiting the foregoing, Association shall maintain the landscape area within the public rights of way which Association is obligated to maintain or has adopted the maintenance responsibility of.

10.6. Lake Slopes. Association shall be responsible for the maintenance of lake slopes and banks.

10.7. Surface Water Management System

10.7.1. Duty to Maintain. Association acknowledges that the Surface Water Management System within the Common Areas [and within the Club, if any,] is owned by Association. The duty of maintenance of the Common Areas expressly includes the duty to operate, maintain, and repair the Surface Water Management System including, without limitation any signage required by the Permit, in a manner which complies with the Permit. The costs of the operation and maintenance of the Surface Water Management System is part of the Operating Costs of Association and each Owner shall pay Assessments which shall include a pro rata share of such costs. [Assessments shall also be used for the maintenance and repair of the Surface Water Management System including, but not limited to work within retention areas, drainage structures, and drainage easements.] The Association will take any action against Owners as necessary to enforce the conditions of the Permit, including, without limitation, any monitoring required by the Permit. Maintenance of the Surface Water Management System shall mean the exercise of practices which allow the systems to provide drainage, water storage, conveyance or other surface water or stormwater management capabilities as permitted by the SJRWMD. Any repair or reconstruction of the Surface Water Management System shall be as permitted or, if modified, as approved by the SJRWMD.

10.7.2. Amendments to Association Documents. [Any amendment to the Declaration which alters any provision relating to the Surface Water Management System, beyond maintenance in its original condition, including the water management portions of the Common Areas, must have the prior approval of the SJRWMD.] Association shall submit to SJRWMD any proposed amendment to the Association Documents which will affect the Surface Water Management System, including any environmental conservation area and the water management portions of the Common Areas. SJRWMD shall then inform Association as to whether the amendment requires a modification of the Permit. If a modification of the Permit is necessary, SJRWMD shall so advise Association. Once Association receives the modification to the Permit and any conditions to the Permit, both shall be attached as an exhibit to an amendment to this Declaration, which amendment shall not require the approval of the Owners. Association shall maintain copies of all water management permits and correspondence respecting such permits for the benefit of the Association.

10.7.3. Enforcement. The SJRWMD shall have the right to enforce, by a proceeding at law or in equity, the provisions contained in the Declaration which relate to the maintenance, operation and repair of the Surface Water Management System.

11. Use Restrictions.

11.1. Disputes as to Use. If there is any dispute as to whether the use of any portion of Legends Community complies with this Declaration, such dispute shall, prior to the Community Completion Date, be decided by Developer, and thereafter by Association. A determination rendered by such party with respect to such dispute shall be final and binding on all persons concerned.

11.2. Use of Homes. Each Home is restricted to residential use as a residence by the Owner or permitted occupant thereof, its immediate family, guests, tenants and invitees.

11.3. Leases. Homes may be leased, licensed or occupied only in their entirety and no fraction or portion may be rented. No transient tenants may be accommodated in a Home. Individual rooms of a Home may not be leased on any basis. No transient tenants may be accommodated in a Home. All leases or occupancy agreements shall be in writing and a copy of all leases shall be provided to Association. No Home may be subject to more than

two (2) leases in any twelve (12) month period, regardless of the lease term. No time-share or other similar arrangement is permitted. The Owner must make available to the lessee or occupants copies of the Association Documents. No lease term shall be approved for a term of less than ninety (90) days.

11.4. General Use Restriction. Each Home, the Common Areas and any portion of Legends Community shall not be used in any manner contrary to the Association Documents.

11.5. Lawful Use. No immoral, improper, offensive or unlawful use shall be made of any portion of Legends Community. All laws, zoning ordinances and regulations of all governmental entities having jurisdiction thereof shall be observed. The responsibility of meeting the requirements of governmental entities for maintenance, modification or repair of a portion of Legends Community shall be the same as the responsibility for maintenance and repair of the property concerned.

11.6. Maintenance by Owners and/or Neighborhood Associations

11.6.1. Standard of Maintenance. All lawns, landscaping and sprinkler systems and any property, structures, improvements and appurtenances shall be well maintained and kept in first class, good, safe, clean, neat and attractive condition consistent with the general appearance of Legends Community by the Owner of each Home. No rubbish, refuse, or garbage shall be allowed to accumulate or any fire hazard allowed to exist thereon or thereabout.

11.6.2. Common Area Enclosed by a Private Fence. If an Owner has installed a fence or wall around a Home, or any portion thereof, then such Owner must maintain any portion of the Common Areas that is no longer readily accessible to Association.

11.6.3. Weeds and Refuse. No weeds, underbrush, or other unsightly growth shall be permitted to be grown or remain upon any Home. No refuse or unsightly objects shall be allowed to be placed or suffered to remain upon any Home.

11.6.4. Driveway Easement. Each Owner shall be responsible to repair any damage to such driveway, including, but not limited to, any damage caused by Association or by the holder of any easement over which such driveway is constructed. Each Owner, by acceptance of a deed to a Home, shall be deemed to have agreed to indemnify and hold harmless Association and the holder of any such easement, including without limitation, all applicable utility companies and governmental agencies, their agents, servants, employees and elected officials, from and against any and all actions or claims whatsoever arising out of the use of the Common Areas and any easement or the construction and/or maintenance of any driveway in that portion of the Common Areas, easement area, or in a public right-of-way between the boundary of such Owner's Home and the edge of the adjacent paved roadway. Further, each Owner agrees to reimburse the Association any expense incurred in repairing any damage to such driveway in the event that such Owner fails to make the required repairs.

11.7. Lawn Maintenance. All lawn maintenance of Homes shall be the responsibility of the Neighborhood Associations or the individual Owners as, and to the extent provided, in the declaration of restrictions respecting each Neighborhood. The Owner of each Home shall be responsible for the maintenance of the sprinkler system and any or all landscaping and other improvements within any portion of the Parcel containing the Homes. In the event grass is not maintained, Association may, but shall not be obligated to, cut the grass. The costs and expenses of such maintenance plus \$25.00 shall be charged to such Owner as an Individual Assessment.

11.8. Lawn Maintenance Standards. The following maintenance standards (the "Lawn Maintenance Standards") apply to landscaping maintained by an Owner or by a Neighborhood Association:

11.8.1. Replacement of Annuals. Annuals are to be replaced semi-annually.

11.8.2. Trees. Trees are to be pruned as needed.

11.8.3. Shrubs. All shrubs are to be trimmed as needed.

11.8.4. Grass.

(a) Cutting Schedule. Grass should be cut at least 28 times per year, on a regular schedule which maintains the grass in a neat and appropriate manner.

(b) Edging. Edging of all streets, curbs, beds and borders shall be performed as needed. Chemical edging shall not be permitted

11.8.5. Mulch. Mulch is to be turned every other cut. Remulching of beds shall be performed twice per year during the months of May and November.

11.8.6. Insect Control and Disease. Disease and insect control shall be performed on an as needed basis.

11.8.7. Fertilization. Fertilization of all turf, trees, shrubs, and palms shall be performed three (3) times a year during the following months: February, June and October.

11.8.8. Irrigation. Sprinkler heads shall be maintained on a monthly basis. Pump stations and valves shall be checked as needed by an independent contractor to assure proper automatic operation.

11.8.9. Weeding. All beds are to be weeded upon every cut. Weeds growing in joints in curbs, driveways, and expansion joints shall be removed as needed. Chemical treatment is permitted.

11.8.10. Trash Removal. Dirt, trash, cuttings and debris resulting from all operations shall be removed and all areas left in clean condition before the end of the day.

11.8.11. Right of Association to Enforce. Association shall have the right to enforce the foregoing Lawn Maintenance Standards by all necessary legal action. In the event that Association is the prevailing party with respect to any litigation respecting the Lawn Maintenance Standards, it shall be entitled to recover all of its attorney's fees and paraprofessional fees, and costs, at trial and upon appeal.

11.8.12. Drainage System. Once a drainage system or drainage facilities are installed by Developer, the maintenance of such system and/or facilities thereafter shall be the responsibility of the Owner of the Home which includes such system and/or facilities. In the event that such system or facilities (whether comprised of swales, pipes, pumps, lake slopes, or other improvements) is adversely affected by landscaping, fences, structures, or additions, the cost to correct, repair, or maintain such drainage system and/or facilities shall be the responsibility of the Owner of each Home containing all or a part of such drainage system and/or facilities. By way of example, and not of limitation, if the Owner of one Home plants a tree (pursuant to ACC approval) and the roots of such tree subsequently affect pipes or other drainage facilities within another Home, the Owner of the affected Home shall be solely responsible for the removal of the roots within the boundaries of his or her Home. Association and Developer shall have no responsibility or liability for drainage problems of any type whatsoever.

11.9. Zero Lot Line Homes.

11.9.1. Easement for Zero Lot Line Wall Maintenance. Maintenance of a Zero Lot Line Wall shall be the obligation of the Owner of the Zero Lot Line Wall. Developer hereby grants to each Owner of a Zero Lot Line Wall a maintenance easement over the Home adjacent to the Zero Lot Line Wall for the maintenance of the Zero Lot Line Wall and any wing wall attached thereto and for ingress and egress to the Zero Lot Line Wall and wing wall.

The easement shall be four (4) feet in width, shall be immediately contiguous to the Zero Lot Line Wall, and shall run the length of the Home on which the easement exists. No improvements of any kind shall be constructed in the easement area which would block access to the Zero Lot Line Wall and wing wall, if any, or which would in any way interfere with the ability of an Owner of a Zero Lot Line Wall to maintain the Zero Lot Line Wall and wing wall. Notwithstanding the foregoing, Developer may construct a connecting wall across the easement area; provided, however, that the Owner of a Zero Lot Line Wall shall have access at all reasonable times to the easement area. In the event that there is any question about when access under the easement created by this Section is reasonable, the Association's determination shall be final. In the event that the Owner of a Zero Lot Line Wall damages the adjacent Home subject to the foregoing maintenance easement, the Owner of the Zero Lot Line Wall shall be responsible for repairing such damage in a timely manner and in accordance with the standards established by the ACC. In the absence of specific standards, the repair shall be accomplished as soon as reasonably possible, and at the sole expense of the Owner causing the damage. In the event that an Owner shall fail to make the repairs as required herein, or if Association has the reasonable belief that such repairs will not be made in a timely manner, then Association shall have the right at reasonable times to enter the damaged Home to effect such repair, and the cost thereof shall be charged to the Owner of the Zero Lot Line Wall as an Individual Assessment.

11.9.2. **Adjacent Owner Paint Obligation.** Notwithstanding the foregoing, the owner of any Home immediately adjacent to a Zero Lot Line Wall shall have the responsibility for painting the exterior surface of the wall facing such Home. This maintenance obligation does not extend to the top of the wall which faces skyward.

11.9.3. **No Structural Change.** No Owner shall cut a window or any opening in a Zero Lot Line Wall nor shall any Owner make any structural changes in a Zero Lot Line Wall, including, but not limited to, change of paint color, without the express written approval of the ACC.

11.9.4. **Damage by Owner of Adjacent Home.** In the event that a Zero Lot Line wall is damaged by the Owner of an adjacent Home, the Owner of the adjacent Home shall be responsible for repairing such damage in a timely manner and in accordance with the standards established by the ACC. In the absence of specific standards, the repair shall be accomplished as soon as reasonably possible, and at the sole expense of the Owner causing the damage. In the event that an Owner shall fail to make the repairs as required herein; or if Association has the reasonable belief that such repairs will not be made in a timely manner, then Association shall have the right at reasonable times to enter the adjacent Home to effect such repair, and the cost thereof shall be charged to the adjacent Owner as an Individual Assessment.

11.9.5. **Construction Easement.** Developer reserves an easement over all zero lot line Homes for all construction purposes. By way of example, Developer and Developer's construction crews may be required to enter onto a completed zero lot line Home in order to complete construction of an adjacent Home. This easement shall permit all ingress and egress necessary to complete Homes adjacent to zero lot line Homes, and shall be construed as broadly as possible.

11.10. **Irrigation.** Irrigation systems shall be maintained in such a manner so as to cause no stains on Homes, structures or paved areas. Association may require from time to time, that Owners adopt systems to prevent stains (*e.g.*, automatic deionization systems). No Owner whose Home adjoins a waterway or lake may utilize the waterway or lake to irrigate unless so provided by Developer as part of original construction. Association and Club Owner may use waterways and lakes to irrigate Common Areas and/or the Club, as applicable. No intentional runoff or discharge of any sort, except normal discharge of lawn irrigation water, shall be permitted to flow into any body of water within Legends Community. **BY ACCEPTANCE OF A DEED TO A HOME OR PARCEL, EACH OWNER ACKNOWLEDGES THAT THE WATER LEVELS OF ALL LAKES AND WATERBODIES MAY VARY. THERE IS NO GUARANTEE BY DEVELOPER OR ASSOCIATION THAT WATER LEVELS WILL BE CONSTANT OR AESTHETICALLY PLEASING AT ANY PARTICULAR TIME.** Developer, Association, and Club Owner, shall have the right to use one or more pumps to remove water from lakes and waterbodies for irrigation purposes at all times. Reclaimed water may be provided to Owners. Association shall have the right to determine days on which Owners may water their Homes.

11.11. Wells and Septic Tanks. Except as may be installed by Developer, no individual wells will be permitted on any Parcel and no individual septic tanks will be permitted on any Parcel.

11.12. Boundaries of Maintenance. Each Owner shall maintain the property from their Home boundary to the edge of the water. Except as specifically provided to the contrary, all Owners shall maintain their yards and adjoining property to the edge of adjoining roadway asphalt.

11.13. Subdivision and Regulation of Land. No portion of any Home or Parcel shall be divided or subdivided or its boundaries changed without the prior written approval of Association. No Owner shall inaugurate or implement any variation from, modification to, or amendment of governmental regulations, land use plans, land development regulations, zoning, or any other development orders or development permits applicable to Legends Community, without the prior written approval of Developer, which may be granted or deemed in its sole discretion.

11.14. Alterations and Additions. No material alteration, addition or modification to a Parcel or Home, or material change in the appearance thereof, shall be made without the prior written approval thereof being first had and obtained from the ACC as required by this Declaration.

11.15. Signs and Flags. No sign (including brokerage or for sale/lease signs), flag (except United States flags no longer than 24"x 36" which are attached to a Home), banner, sculpture, fountain, outdoor play equipment, solar equipment, artificial vegetation, sports equipment, advertisement, notice or other lettering shall be exhibited, displayed, inscribed, painted or affixed in, or upon any part of Legends Community that is visible from the outside without the prior written approval thereof being first had and obtained from the ACC as required by this Declaration. Owners of Homes must obtain "For Sale" and "For Rent" signs from the Association. Developer and Builders are exempt from this Section. No in-ground flag poles (except as Developer may use) shall be permitted within Legends Community, unless written approval of the ACC is obtained.

11.16. Roofs, Driveways and Pressure Treatment. Roofs and/or exterior surfaces and/or pavement, including, but not limited to, walks and drives, shall be pressure treated within thirty (30) days of notice by the ACC. No surface applications to driveways shall be permitted without prior approval of the ACC as to material, color and pattern. Such applications shall not extend beyond front lot line or include sidewalk.

11.17. Paint. Homes shall be repainted within forty-five (45) days of notice by the ACC.

11.18. Hurricane Shutters. Any hurricane or other protective devices visible from outside a Home shall be of a type as approved by the ACC. Accordion and roll-up style hurricane shutters may be left closed during hurricane season (and not at any other time). Panel style hurricane shutters may be installed up to fifty (50) hours prior to the expected arrival of a hurricane. Panel style hurricane shutters must be removed a reasonable time after a storm.

11.19. Wall Units. No wall or window air conditioning unit may be installed in any window in a Home.

11.20. Window Treatments. Window treatments shall consist of drapery, blinds, decorative panels, or other tasteful window covering, and no newspaper, aluminum foil, sheets or other temporary window treatments are permitted, except for periods not exceeding one (1) week after an Owner or tenant first moves into a Home or when permanent window treatments are being cleaned or repaired. No security bars shall be placed on the windows of any Home without prior written approval of the ACC. No awnings, canopies or shutters shall be affixed to the exterior of a Home without the prior written approval of the ACC. No reflective tinting or mirror finishes on windows shall be permitted unless approved by the ACC.

11.21. Satellite Dishes and Antennae. No exterior visible antennae, radio masts, towers, poles, aerials, satellite dishes, or other similar equipment shall be placed on any Home or Parcel without the prior written approval thereof being first had and obtained from the ACC as required by this Declaration. The ACC may require, among other things, that all such improvements be screened so that they are not visible from adjacent Parcels, or from the

Common Areas. No Owner shall operate any equipment or device which will interfere with the radio or television reception of others. Notwithstanding the foregoing, Club Owner may install Telecommunications Services equipment, a satellite dish or similar equipment within the property comprising the Club so long as such equipment is not visible from the street giving access to the Club without ACC approval. All antennas not covered by the Federal Communications Commission ("FCC") rules are prohibited. Installation, maintenance, and use of all antennas shall comply with restrictions adopted by the Board and shall be governed by the then current rules of the FCC.

11.22. Swimming and Boating. Swimming and boating in the lakes and waterbodies within Legends Community is prohibited. No recreational water craft, motorized or non-motorized, shall be permitted in any pond or lake within Legends Community.

11.23. Oil and Mining Operations. No oil drilling, oil development operations, oil refining, quarrying or mining operations of any kind shall be permitted upon or, on any Parcel, nor shall oil wells, tanks, tunnels, mineral excavations or shafts be permitted upon or on any Parcel. No derrick or other structure designed for use in boring for oil or natural gas shall be erected, maintained or permitted on any Parcel.

11.24. Fuel Storage. No fuel storage shall be permitted within Legends Community, except as may be necessary or reasonably used for swimming pools, spas, barbeques, fireplaces or similar devices.

11.25. Pools. No above-ground pools shall be permitted. All in-ground pools, hot tubs, spas and appurtenances installed shall require the approval of the ACC as set forth in this Declaration. The design must incorporate, at a minimum, the following: (i) the composition of the material must be thoroughly tested and accepted by the industry for such construction; (ii) any swimming pool constructed on any Parcel shall have an elevation at the top of the pool of not over two (2) feet above the natural grade unless approved by the ACC; (iii) pool cages and screens must be of a design, color and material approved by the ACC and shall be no higher than twelve (12) feet unless otherwise approved by the ACC; and (iv) pool screening shall not be visible from the street in front of the Home. Pool screening shall not extend beyond the sides of the Home without express approval by the ACC. All pools shall be adequately maintained and chlorinated. Unless installed by Developer, no diving boards, slides, or platforms shall be permitted without ACC approval.

11.26. Visibility on Corners. Notwithstanding anything to the contrary in these restrictions, no obstruction to visibility at street intersections shall be permitted and such visibility clearances shall be maintained as required by the ACC and governmental agencies. No vehicles, objects, fences, walls, hedges, shrubs or other planting shall be placed or permitted on a corner Parcel where such obstruction would create a traffic problem.

11.27. Holiday Lights and Other Lighting. Except for seasonal holiday lights, all exterior lighting shall require the approval of the ACC as set forth in this Declaration. The ACC may establish standards for holiday lights. The ACC may require the removal of any lighting that creates a nuisance (e.g., unacceptable spillover to adjacent lot).

11.28. Removal of Soil and Additional Landscaping. Without the prior consent of the ACC, no Owner shall remove soil from any portion of Legends Community, change the level of the land within Legends Community, or plant landscaping which results in any permanent change in the flow and drainage of surface water within Legends Community. Owners may place additional plants, shrubs, or trees within any portion of Legends Community with the prior approval of the ACC.

11.29. Casualty Destruction to Improvements. In the event that a Home or other improvement is damaged or destroyed by casualty loss or other loss, then within a reasonable period of time after such incident, the Owner thereof shall either commence to rebuild or repair the damaged Home or improvement and diligently continue such rebuilding or repairing until completion, or properly clear the damaged Home or improvement and restore or repair the Home as approved by the ACC. As to any such reconstruction of a destroyed Home or improvements, the same shall only be replaced as approved by the ACC.

11.30. **Animals.** No animals of any kind shall be raised, bred or kept within Legends Community for commercial purposes. No horses, hogs, cattle, cows, goats, sheep, poultry or other animals, birds or reptiles shall be kept, raised or maintained in a Home. Otherwise, Owners may keep no more than a total of two (2) domestic pets (such as cats and dogs) in accordance with the Rules and Regulations established by the Board from time to time. Notwithstanding the foregoing, pets may be kept harbored in a Home so long as such pets or animals do not constitute a nuisance. A determination by the Board that an animal or pet kept or harbored in a Home is a nuisance shall be conclusive and binding on all parties. No pet or animal shall be "tied out" on the exterior of the Home or in the Common Areas, or left unattended in a yard or on a balcony, porch, or patio. No dog runs or enclosures shall be permitted on any Home. All pets shall be walked on a leash. No pet shall be permitted outside a Home except on a leash. When notice of removal of any pet is given by the Board, the pet shall be removed within forty-eight (48) hours of the giving of the notice. All pets shall defecate only in the "pet walking" areas within Legends Community designated for such purpose, if any, or on that Owner's Home. The person walking the pet or the Owner shall clean up all matter created by the pet. Each Owner shall be responsible for the activities of its pet. Notwithstanding anything to the contrary, seeing eye dogs shall not be governed by the restrictions contained in this Section.

11.31. **Nuisances.** No nuisance or any use or practice that is the source of unreasonable annoyance to others or which interferes with the peaceful possession and proper use of Legends Community is permitted. No firearms shall be discharged within Legends Community. Nothing shall be done or kept within the Common Areas, or any other portion of Legends Community, including a Home or Parcel which will increase the rate of insurance to be paid by Association.

11.32. **Minor's Use of Facilities.** Parents shall be responsible for all actions of their minor children at all times in and about Legends Community. Developer and Club Owner shall not be responsible for any use of the facilities by anyone, including minors.

11.33. **Personal Property.** All personal property of occupants shall be stored within the Homes. No personal property, except usual patio furniture, may be stored on, nor any use made of, the Common Areas, any Parcel or Home, or any other portion of Legends Community, which is unsightly or which interferes with the comfort and convenience of others.

11.34. **Storage.** No temporary or permanent utility or storage shed, storage building, tent, or other structure or improvement shall be constructed, erected, altered, modified or maintained without the prior approval of the ACC, which approval and the procedure therefor shall conform to the requirements of this Declaration. Water softeners, trash containers, sprinkler controls, propane tanks, and other similar devices shall be properly screened from street or golf course view in a manner approved by the ACC.

11.35. **Garbage.** Trash collection and disposal procedures established by Association shall be observed. No outside burning of trash or garbage is permitted. No garbage cans, supplies or other similar articles shall be maintained on any Home so as to be visible from outside the Home or Parcel. Each Owner shall be responsible for properly depositing his garbage and trash in garbage cans and trash containers sufficient for pick-up by the appropriate collection agencies in accordance with the requirements of any such agency. All such trash receptacles shall be maintained in a sanitary condition and shall be shielded from the view of adjacent properties and streets. Garbage cans and trash containers shall not be placed outside the Home for pick-up earlier than 6:00 p.m. on the day preceding the pick-up.

11.36. **Laundry.** Subject to the provisions of Section 163.04 of the Florida Statutes, to the extent applicable, no rugs, mops, or laundry of any kind, or any other similar type article, shall be shaken, hung or exposed so as to be visible outside the Home or Parcel.

11.37. **Control of Contractors.** Except for direct services which may be offered to Owners (and then only according to the Rules and Regulations relating thereto as adopted from time to time), no person other than an

Association officer shall direct, supervise, or in any manner attempt to assert any control over any contractor of Association.

11.38. Servants. Servants and domestic help of any Owner may not gather or lounge in or about the Common Areas.

11.39. Parking. Owners' automobiles shall be parked in the garage or driveway. All lawn maintenance vehicles shall park on the driveway of the Home and not in the roadway or swale. No vehicle which cannot operate on its own power shall remain on Legends Community for more than twelve hours, except in the garage of a Home. No repair, except emergency repair, of vehicles shall be made within Legends Community, except in the garage of a Home. No commercial vehicle, recreational vehicle, boat, trailer, including but not limited to boat trailers, house trailers, and trailers of every other type, kind or description, or camper, may be kept with Legends Community except in the garage of a Home. Notwithstanding the foregoing, a boat and/or boat trailer may be kept within the fenced yard of a Home so long as the boat and/or boat trailer, when located within the fenced yard, are fully screened from view by such fence. The term commercial vehicle shall not be deemed to include recreational or utility vehicles (i.e. Broncos, Blazers, Explorers, etc.) up to 21'5" in length or clean "non-working" vehicles such as pick-up trucks, vans, or cars if they are used by the Owner on a daily basis for normal transportation. Notwithstanding any other provision in this Declaration to the contrary, the foregoing provisions shall not apply to construction vehicles in connection with the construction, improvement, installation, or repair by Developer of Homes, Club facilities, Common Areas, or any other Legends Community facility. No vehicles used in business for the purpose of transporting goods, equipment and the like, or any trucks or vans which are larger than three-quarter (3/4) ton shall be parked on the Legends Community. Recreational vehicles, personal street vans, personal trucks of three-quarter (3/4) ton capacity of smaller, and personal vehicles that can be appropriately parked within standard size parking stalls may be parked on the Legends Community. No vehicles displaying commercial advertising shall be parked within the public view. No vehicles of any nature shall be parked on any portion of the Legends Community or a Parcel except on the surfaced parking area thereof. No vehicles bearing a "for sale" sign shall be parked within the public view anywhere on the Legends Community. No vehicle repairs or maintenance shall be allowed on the Legends Community. No vehicles shall be stored on blocks, nor may inoperable vehicles or vehicles with parts removed be stored or parked on the Legends Community, except as may be temporarily required. No tarpaulin covers on vehicles shall be permitted anywhere within the public view.

11.40. Garages. Each Home will have its own garage. No garage shall be converted into general living area unless specifically approved by the ACC. No screened garage doors are permitted. Garage doors shall remain closed at all times except when vehicular or pedestrian access is required.

11.41. Cooking. No cooking shall be permitted nor shall any goods or beverages be consumed on the Common Areas except in areas designated for those purposes by Association. The ACC shall have the right to prohibit or restrict the use of grills or barbeque facilities throughout Legends Community.

11.42. Substances. No inflammable, combustible or explosive fuel, fluid, chemical, hazardous waste, or substance shall be kept on any portion of Legends Community or within any Home or Parcel, except those which are required for normal household use.

11.43. Extended Vacation and Absences. In the event a Home will be unoccupied for an extended period, the Home must be prepared prior to departure by: (i) notifying Association; (ii) removing all removable furniture, plants and other objects from outside the Home; and (iii) designating a responsible firm or individual to care for the Home, should the Home suffer damage or require attention, and providing a key to that firm or individual. The name of the designee shall be furnished to Association. Such firm or individual shall contact Association for permission to install or remove approved hurricane shutters or enclosures. Association shall have no responsibility of any nature relating to any unoccupied Home.

11.44. Commercial Activity. Except for normal construction activity, sale, and re-sale of a Home, sale or re-sale of other property owned by Developer, administrative offices of Developer and operation of the Club, no commercial or business activity shall be conducted in any Home within Legends Community. Notwithstanding the foregoing, and subject to applicable statutes and ordinances, an Owner may maintain a home business office within a Home for such Owner's personal use; provided, however, business invitees customers, and clients shall not be permitted to meet with Owners in Homes unless the Board provides otherwise in the Rules and Regulations. No Owner may actively engage in any solicitations for commercial purposes within Legends Community. No solicitors of a commercial nature shall be allowed within Legends Community, without the prior written consent of Board. Garage sales are permitted only at a frequency of no more than once with a twenty-four (24) year month period with prior approval by the Association. No day care center or facility may be operated out of a Home. Prior to the Community Completion Date, Association shall not permit any garage sales without the prior written consent of Developer.

11.45. Completion and Sale of Units. No person or entity shall interfere with the completion and sale of Homes within Legends Community. WITHOUT LIMITING THE FOREGOING, EACH OWNER, BY ACCEPTANCE OF A DEED, AGREES THAT PICKETING AND POSTING NEGATIVE SIGNS IS STRICTLY PROHIBITED.

11.46. Artificial Vegetation. No artificial grass, plants or other artificial vegetation, or rocks or other landscape devices, shall be placed or maintained upon the exterior portion of any Home or Parcel, unless approved by the ACC.

11.47. Decorations. No decorative objects including, but not limited to, birdbaths, light fixtures, sculptures, weather vanes, or flagpoles shall be installed or placed within or upon any portion of Legends Community without the prior written approval of the ACC.

11.48. Sports Equipment. No recreational, playground or sports equipment shall be installed or placed within or about any portion of Legends Community without prior written consent of the Association. No basketball backboards, skateboard ramps, or play structures will be permitted without express approval by the ACC. Such approved equipment shall be located at the rear of the Home or on the inside portion of corner Homes within the setback lines. Tree houses or platforms of a similar nature shall not be constructed on any part of a Home.

11.49. Fences, Walls and Screens. No walls or fences shall be erected or installed without prior written consent of the ACC. No chain link fencing of any kind shall be allowed. All screening and screened enclosures shall be approved by the ACC and shall be constructed utilizing anodized or electrostatically painted aluminum in bronze or white. Screening shall be charcoal in color. All enclosures of balconies or patios, including addition of vinyl windows, shall be approved by the ACC. All decks shall be approved by the ACC.

12. Party Walls.

12.1. General Rules of Law to Apply. To the extent not inconsistent with the provisions of this Section, the general rule of law regarding party walls and party roofs and liability for personal damage due to negligence of willful acts or omissions shall apply to all Party Walls within Legends Community which are built by Developer as part of the original construction of the Homes and any replacement thereof. In the event any portion of any structure or facility, as originally constructed by Developer, including, without limitation, any Party Wall, shall protrude over an adjoining Home, it shall be deemed that such Owners have granted perpetual easements to the adjoining Owner or Owners for continuing maintenance and use of the projection or Party Wall. The foregoing shall also apply to any replacements of any Party Walls. The foregoing conditions shall be perpetual in duration and shall not be subject to amendment of this Declaration.

12.2. Sharing of Repair, Replacement and Maintenance for Party Walls

12.2.1. Generally. The cost of reasonable repair and maintenance of Party Walls shall be shared equally by the Owners of the Homes sharing such improvements without prejudice, however, to the right of any Owner to call for a larger contribution from the other under any rule of law regarding liability for negligent or willful acts or omissions.

12.2.2. Failure to Contribute. In the event that an Owner shall fail or refuse to pay his pro rata share of costs of repair, maintenance, or replacement of a Party Wall (whether or not through his own fault or the failure of his insurance company to pay any claim), then and in that event, the Owner advancing monies therefor shall have a right to file a claim of lien for such monies advanced in the Public Records and shall have the right to foreclose said lien in accordance with the same procedural requirements as now provided for in Florida Statutes for foreclosure of a construction lien; provided, however, such claim of lien shall be filed within ninety (90) days from date repairs or replacements are made to the Party Wall and suit thereon shall be commenced one (1) year from date such lien is filed.

12.2.3. Alterations. The Owner of a Home sharing a Party Wall with an adjoining Home shall not cut windows or other openings in the Party Wall, nor make any alterations, additions or structural changes in the Party Wall without the joint agreement of all of the Owners sharing the Party Wall.

12.3. Weatherproofing. Notwithstanding any other provisions of this Declaration, an Owner who by his negligent or willful act causes a Party Wall to be exposed to the elements shall bear the whole cost of furnishing the necessary protection against such elements.

12.4. Easements. Each Owner sharing a Party Wall shall have all easement rights reasonably necessary to perform the obligations contained herein over the Homes sharing the Party Wall.

13. Easement for Unintentional and Non-Negligent Encroachments. If any other building or improvement on a Home shall encroach upon another Home by reason of original construction by Developer, then an easement for such encroachment shall exist so long as the encroachment exists. It is contemplated that each Home shall contain an improvement with exterior walls, footings, and other protrusions which may pass over or underneath an adjacent Home. In addition, the footers and other supporting features for Party Walls will protrude underneath adjacent Homes. A perpetual nonexclusive easement is herein granted to allow the footers for such walls and other protrusions and to permit any natural water run off from roof overhangs, eaves and other protrusions onto an adjacent Home.

14. Insurance. Association shall maintain, unless it is reasonably determined that such insurance is unavailable or cost prohibitive, the following insurance coverages:

14.1. Flood Insurance. If the Common Areas are located within an area which has special flood hazards and for which flood insurance has been made available under the National Flood Insurance Program (NFIP), coverage in appropriate amounts, available under NFIP for all buildings and other insurable property within any portion of the Common Areas located within a designated flood hazard area.

14.2. Liability Insurance. Commercial general liability insurance coverage providing coverage and limits deemed appropriate such policies must provide that they may not be canceled or substantially modified by any party, without at least thirty (30) days' prior written notice to Developer (until the Community Completion Date), Club Owner and Association.

14.3. Directors and Officers Liability Insurance. Each member of the Board shall be covered by directors and officers liability insurance in such amounts and with such provisions as approved by the Board.

14.4. Other Insurance. Such other insurance coverages as appropriate from time to time. All coverages obtained by Association shall cover all activities of Association and all properties maintained by Association, whether or not Association owns title thereto.

14.5. Homes.

14.5.1. Requirement to Maintain Insurance. Each Owner shall be required to obtain and maintain adequate insurance of his or her Home. Such insurance shall be sufficient for necessary repair or reconstruction work, and/or shall cover the costs to demolish a damaged Home, remove the debris, and to resod and landscape land comprising the Home. Upon the request of Association, each Owner shall be required to supply the Board with evidence of insurance coverage on his Home which complies with the provisions of this Section. Without limiting any other provision of this Declaration or the powers of Association, Association shall specifically have the right to bring an action to require an Owner to comply with his or her obligations hereunder.

14.5.2. Requirement to Reconstruct. In the event that any Home is destroyed by fire or other casualty, the Owner of such Home shall do one of the following: the Owner shall commence reconstruction and/or repair of the Home ("Required Repair"), or Owner shall tear the Home down, remove all the debris, and resod and landscape the property comprising the Home as required by the ACC ("Required Demolition"). If an Owner elects to perform the Required Repair, such work must be commenced within thirty (30) days of the Owner's receipt of the insurance proceeds respecting such Home. If an Owner elects to perform the Required Demolition, the Required Demolition must be completed within six (6) months from the date of the casualty. If an Owner elects to perform the Required Repair, such reconstruction and/or repair must be continued in a continuous, diligent, and timely manner. Association shall have the right to inspect the progress of all reconstruction and/or repair work. Without limiting any other provision of this Declaration or the powers of Association, Association shall have a right to bring an action against an Owner who fails to comply with the foregoing requirements. By way of example, Association may bring an action against an Owner who fails to either perform the Required Repair or Required Demolition on his or her Home within the time periods and in the manner provided herein. Each Owner acknowledges that the issuance of a building permit or a demolition permit in no way shall be deemed to satisfy the requirements set forth herein, which are independent of, and in addition to, any requirements for completion of work or progress requirements set forth in applicable statutes, zoning codes, and/or building codes.

14.5.3. Standard of Work. The standard for all demolition, reconstruction, and other work performed as required by this Section 14.5 shall be in accordance with the Community Standards and any other standards established by Association with respect to any casualty that affects all or a portion of Legends Community.

14.5.4. Additional Rights of Association. If an Owner refuses or fails, for any reason, to perform the Required Repair or Required Demolition as herein provided, then Association, in its sole and absolute discretion, by and through its Board is hereby irrevocably authorized by such Owner to perform the Required Repair or Required Demolition. All Required Repair performed by Association pursuant to this Section shall be in conformance with the original plans and specifications for the Home. Association shall have the absolute right to perform the Required Demolition to a Home pursuant to this Section if any contractor certifies in writing to Association that such Home cannot be rebuilt or repaired. The Board may levy an Individual Assessment against the Owner in whatever amount sufficient to adequately pay for Required Repair or Required Demolition performed by Association.

14.5.5. Association Has No Liability. Notwithstanding anything to the contrary this Section, Association, its Directors and Officers, shall not be liable to any person should an Owner fail for any reason whatsoever to obtain insurance coverage on a Home.

14.6. Fidelity Bonds. If available, a blanket fidelity bond for all officers, directors, trustees and employees of Association, and all other persons handling or responsible for funds of, or administered by, Association. In the event Association delegates some or all of the responsibility for the handling of the funds to a professional management company or licensed manager, such bonds shall be required for its officers, employees and agents, handling or responsible for funds of, or administered on behalf of Association. The amount of the fidelity bond shall be based upon reasonable business judgment. The fidelity bonds required herein must meet the following requirements (to the extent available at a reasonable premium):

14.6.1. The bonds shall name Association as an obligee.

14.6.2. The bonds shall contain waivers, by the issuers of the bonds, of all defenses based upon the exclusion of persons serving without compensation from the definition of "employee" or similar terms or expressions.

14.6.3. The premiums on the bonds (except for premiums on fidelity bonds maintained by a professional management company, or its officers, employees and agents), shall be paid by Association.

14.6.4. The bonds shall provide that they may not be canceled or substantially modified (including cancellation for non-payment of premium) without at least thirty (30) days' prior written notice to Developer (until the Community Completion Date), Club Owner and Association.

14.7. Association as Agent. Association is irrevocably appointed agent for each Owner of any interest relating to the Common Areas to adjust all claims arising under insurance policies purchased by Association and to execute and deliver releases upon the payment of claims.

14.8. Casualty to Common Areas. In the event of damage to the Common Areas, or any portion thereof, Association shall be responsible for reconstruction after casualty. In the event of damage to a Parcel or Home, or any portion thereof, the Owner shall be responsible for reconstruction after casualty. In the event of damage to the Club, the responsibility for reconstruction shall be as provided in the Club Covenants.

14.9. Nature of Reconstruction. Any reconstruction of improvements hereunder shall be substantially in accordance with the plans and specifications of the original improvement, or as the improvement was last constructed, subject to modification to conform with the then current governmental regulation(s).

14.10. Additional Insured. Developer, Club Owner and their respective Lender(s) shall be named as additional insured on all policies obtained by Association, as their interests may appear.

14.11. Cost of Payment of Premiums. The costs of all insurance maintained by Association hereunder, and any other fees or expenses incurred which may be necessary or incidental to carry out the provisions hereof are Operating Costs.

15. Property Rights.

15.1. Owners' Easement of Enjoyment. Every Owner, and its immediate family, tenants, guests and invitees, and every owner of an interest in Legends Community shall have a non-exclusive right and easement of enjoyment in and to those portions of the Common Areas which it is entitled to use for their intended purpose, subject to the following provisions:

15.1.1. Easements, restrictions, reservations, conditions, limitations and declarations of record, now or hereafter existing, and the provisions of this Declaration, as amended.

15.1.2. The right of Association to suspend an Owner's rights hereunder or to impose fines in accordance with Section 617.305 of the Florida Statutes, as amended from time to time.

15.1.3. The right of Developer and/or Association to dedicate or transfer all or any part of the Common Areas. No such dedication or transfer shall be effective prior to the Community Completion Date without prior written consent of Developer and, at any time, without prior written consent of the Club Owner.

15.1.4. The right of Developer and/or Association to modify the Common Areas as set forth in this Declaration.

15.1.5]. The perpetual right of Developer to access and enter the Common Areas at any time, even after the Community Completion Date, for the purposes of inspection and testing of the Common Areas. Association and each Owner shall give Developer unfettered access, ingress and egress to the Common Areas so that Developer and/or its agents can perform all tests and inspections deemed necessary by Developer. Developer shall have the right to make all repairs and replacements deemed necessary by Developer. At no time shall Association and/or an Owner prevent, prohibit and/or interfere with any testing, repair or replacement deemed necessary by Developer relative to any portion of the Common Areas.

15.1.6]. The rights of Developer and/or Association and/or Club Owner regarding Legends Community as reserved in this Declaration, including the right to utilize the same and to grant use rights, etc. to others.

{15.1.6} [15.1.7]. Rules and Regulations adopted governing use and enjoyment of the Common Areas.

15.2. Ingress and Egress. An easement for ingress and egress is hereby created for pedestrian traffic over, and through and declaration across sidewalks paths, walks, driveways, passageways, and lanes as the same, from time to time, may exist upon, or be designed as part of, the Common Areas, and for vehicular traffic over, through and across such portions of the Common Areas as, from time to time, may be paved and intended for such purposes.

15.3. Development Easement. In addition to the rights reserved elsewhere herein, Developer reserves an easement for itself or its nominees and creates an easement in favor of the Club Owner over, upon, across, and under Legends Community as may be required in connection with the development of Legends Community, the Club, and other lands designated by Developer and to promote or otherwise facilitate the development, construction and sale and/or leasing of Parcels and Homes, the Club, and other lands designated by Developer. Without limiting the foregoing, Developer specifically reserves the right to use all paved roads and rights of way within Legends Community for vehicular and pedestrian ingress and egress to and from construction sites and for the construction and maintenance of any Telecommunications System provided by Developer. Specifically, each Owner acknowledges that construction vehicles and trucks may use portions of the Common Areas. Developer shall have no liability or obligation to repave, restore, or repair any portion of the Common Areas as a result of the use of the same by construction traffic, and all maintenance and repair of such Common Areas shall be deemed ordinary maintenance of the Association payable by all Owners as part of Operating Costs. Without limiting the foregoing, at no time shall Developer be obligated to pay any amount to Association on account of Developer's and Club Owner's use of the Common Areas for construction purposes. Developer intends to use the Common Areas for sales of new and used Homes and for the leasing of Homes within Apartment Buildings. Further, Developer may market other residences and commercial properties located outside of Legends Community from Developer's sales facilities located within Legends Community. Developer has the right to use all portions of the Common Areas in connection with its marketing activities, including, without limitation, allowing members of the general public to inspect model Homes, installing signs and displays, holding promotional parties and picnics, and using the Common Areas for every other type of promotional or sales activity that may be employed in the marketing of new and used residential Homes or the leasing of residential apartments. The easements created by this Section, and the rights reserved herein in favor of Developer, shall be construed as broadly as possible and supplement the rights of Developer set forth in Section 21.1 of this Declaration. At no time shall Developer incur any expense whatsoever in connection with its use and enjoyment of such rights and easements.

15.4. Public Easements. Fire, police, school transportation, health, sanitation and other public service and utility company personnel and vehicles shall have a permanent and perpetual easement for ingress and egress over and across the Common Areas. In addition, Telecommunications Providers shall also have the right to use all paved roadways for ingress and egress to and from Telecommunications Systems within Legends Community.

15.5. Delegation of Use. Every Owner shall be deemed to have delegated its right of enjoyment to the Common Areas and Club to occupants or lessees of that Owner's Home subject to the provisions of this Declaration

and the Rules and Regulations, as may be promulgated, from time to time. Any such delegation or lease shall not relieve any Owner from its responsibilities and obligations provided herein.

15.6. Easement for Encroachments. In the event that any improvement upon Common Areas, as originally constructed, shall encroach upon any other property or improvements thereon, or for any reason, then an easement appurtenant title encroachment shall exist for so long as the encroachment shall naturally exist.

15.7. Permits, Licenses and Easements. Prior to the Community Completion Date, Developer, and thereafter Association, shall, in addition to the specific rights reserved to Developer herein, have the right to grant, modify, amend and terminate permits, licenses and easements over, upon, across, under and through Legends Community (including Parcels and/or Homes) for Telecommunications Systems, utilities, roads and other purposes reasonably necessary or useful as it determines, in its sole discretion. To the extent legally required, each Owner shall be deemed to have granted to Developer and, thereafter, Association an irrevocable power of attorney, coupled with an interest, for the purposes herein expressed.

15.8. Support Easement and Maintenance Easement. An easement is hereby created for the existence and maintenance of supporting structures (and the replacement thereof) in favor of the entity required to maintain the same. An easement is hereby created for maintenance purposes (including access to perform such maintenance) over and across Legends Community (including Parcels, Homes and the Club) for the reasonable and necessary maintenance of Common Areas, Club, utilities, cables, wires and other similar facilities.

15.9. Drainage. A non-exclusive easement shall exist in favor of Developer, Club Owner, Association, and their designees, and any applicable water management district, state agency, and/or federal agency having jurisdiction over Legends Community over, across and upon Legends Community for drainage, irrigation and water management purposes. An easement or ingress, egress and access shall exist for such parties to enter upon and over any portion of Legends Community (including Parcels and Homes) in order to construct, maintain, inspect, record data on, monitor, test, or repair, as necessary, any water management areas, irrigation systems and facilities thereon and appurtenances thereto. No structure, landscaping, or other material shall be placed or be permitted to remain which may damage or interfere with the drainage or irrigation of Legends Community and/or installation or maintenance of utilities or which may obstruct or retard these flow of water through Legends Community and/or water management areas and facilities or otherwise interfere with any drainage, irrigation and/or easement provided for in this Section or the use rights set forth elsewhere in this Declaration.

15.10. Easement for Access and Drainage. The Association shall have a perpetual non-exclusive easement over all areas of the Surface Water Management System [(including any areas which lie within the Club)] for access to operate, maintain or repair the system. By this easement, the Association shall have the right to enter upon any portion of any Parcel [or the Club] which is a part of the Surface Water Management System, at a reasonable time and in a reasonable manner, to operate, maintain or repair the Surface Water Management System as required by the SJRWMD Permit. Additionally, the Association shall have a perpetual non-exclusive easement for drainage over the entire Surface Water Management System. No person shall alter the drainage flow of the Surface Water Management System, including buffer areas or swales, without the prior written approval of the SJRWMD.

15.11. Club Easements. A non-exclusive easement shall exist in favor of the Club Owner and its respective designees, invitees, guests, agents, employees, and members over and upon the Common Areas and portions of Legends Community necessary for ingress, egress, access to, construction, maintenance and/or repair of the Club. Club Owner, Club employees, agents, invitees, guests, any manager of the Club, and all members of the Club shall be given access to the Club on the same basis as Owners, but without any charge therefor (in the term of Assessments or otherwise).

15.12. Easement for Errant Golf Balls. Non-specific easements are created for the benefit of users of the golf course over Homes, Common Areas, Neighborhood common areas and other properties adjacent to the golf course; to permit every reasonable act necessary and appropriate to playing golf. These easements include, without

limitation, the flight of golf balls over Homes and the Common Areas, the landing of golf balls, the use of necessary golf cars and maintenance equipment and the usual common noises created by playing golf and maintaining the golf course. Developer, Builders, Association and each Neighborhood Association shall not be liable or responsible for disputes between an Owner and any person using the course. All Owners, by acceptance of delivery of a deed to a Home or Parcel will assume all risks associated with errant golf balls, and agree and covenant not to make any claim or institute any action against the Developer, Association, Builders, or Neighborhood Associations arising or resulting from any errant golf balls or damages caused thereby.

15.13. **Duration.** All easements created herein or pursuant to the provisions hereof shall be perpetual unless stated to the contrary.

16. **Club Covenants.** Association and each Home Owner, where applicable, shall be bound by and comply with the Club Covenants which are incorporated herein by reference. Although the Club Covenants are an exhibit to this Declaration, the Association Documents are subordinate and inferior to the Club Covenants. In the event of any conflict between the Club Covenants and the Association Documents, the Club Covenants shall control.

17. **Assessments.**

17.1. **Types of Assessments.** Each Owner and Builder, by acceptance of a deed or instrument of conveyance for the acquisition of title in any manner (whether or not so expressed in the deed), including any purchaser at a judicial sale, shall hereafter be deemed to have covenanted and agreed to pay to Association at the time and in the manner required by the Board, assessments or charges and any special assessments as are fixed, established and collected from time to time by Association (collectively, the "Assessments"). All Owners shall pay Assessments. Each Builder shall pay such portion of Operating Costs which benefits any Parcel owned by such Builder, as determined by Developer, in Developer's sole discretion. By way of example, and not of limitation, Developer may require that each Builder pay some portion of Assessments on a Lot owned by a Builder which does not contain a Home. As vacant Lots owned by Builders may not receive certain services (*e.g.*, Telecommunications Services), Builders shall not be required to pay for such services.

17.2. **Purpose of Assessments.** The Assessments levied by Association shall be used for, among other things, the purpose of promoting the recreation, health, safety and welfare of the residents of Legends Community, and in particular for the improvement and maintenance of the Common Areas and any easement in favor of the Association, including but not limited to the following categories of Assessments as and when levied and deemed payable by the Board:

17.2.1. Any monthly assessment or charge for the purpose of operating the Association and accomplishing any and all of its purposes, as determined in accordance herewith, including, without limitation, payment of Operating Costs and collection of amounts necessary to pay any deficits from prior years' operation (hereinafter "**Monthly Assessments**");

17.2.2. Any special assessments for capital improvements, major repairs, emergencies the repair or replacement of the Surface Water Management System, or nonrecurring expenses (hereinafter "**Special Assessments**");

17.2.3. Any specific fees, dues or charges to be paid by Owners for any special services provided to or for the benefit of an Owner or Home, for any special or personal use of the Common Areas, or to reimburse Association for the expenses incurred in connection with that service or use (hereinafter "**Use Fees**"); and

17.2.4. Assessments of any kind for the creation of reasonable reserves for any of the aforesaid purposes. At such time as there are improvements in any Common Areas for which Association has a responsibility to maintain, repair, and replace, the Board may, but shall have no obligation to, include a "Reserve for Replacement" in the Monthly Assessments in order to establish and maintain an adequate reserve fund for the periodic maintenance,

repair, and replacement of improvements comprising a portion of the Common Area (hereinafter "Reserves"). Assessments pursuant to this Section shall be payable in such manner and at such times as determined by Association, and may be payable in installments extending beyond the fiscal year in which the Reserves are disapproved. Until the Community Completion Date, Reserves shall be subject to the prior written approval of Developer, which may be withheld for any reason.

17.2.5. Assessments for which one or more Owners (but less than all Owners) within Legends Community is subject ("Individual Assessments") such as costs of special services provided to a Home or Owner or cost relating to enforcement of the provisions of this Declaration or the architectural provisions hereof as it relates to a particular Owner or Home. By way of example, and not of limitation, all of the Owners within a Plat may be subject to Individual Assessments for maintenance, repair and/or replacement of facilities serving only the residents of such Plat (e.g., a gatehouse attendant and private gatehouse). Further, in the event an Owner fails to maintain the exterior of his Home (other than those portions of a Home maintained by Association) or a lake or canal slope or bank in a manner satisfactory to Association, Association shall have the right, through its agents and employees, to enter upon the Home and to repair, restore, and maintain the Home as required by this Declaration. The cost thereof, plus the reasonable administrative expenses of Association, shall be an Individual Assessment. As a further example, if one or more Owners receive optional Telecommunications Services such as Toll Calls, A La Carte Programming, and/or Data Transmission Services, and Association pays a Telecommunications Provider for such services, then the cost of such services shall be an Individual Assessment as to each Owner receiving such services. The lien for an Individual Assessment may be foreclosed in the same manner as any other Assessment.

17.3. Club Charges. Notwithstanding anything in this Declaration to the contrary (and unless otherwise directed by Club Owner), Association shall collect from the Owners Club Charges in addition to Assessments. In the event that Association shall receive a partial payment in any month of Assessments and Club Charges from a particular Owner, the payment from such Owner shall be first allocated to the payment of Club Fees, then to the payment of Club Operating Costs, and then to the payment of Assessments. Association shall provide the Club Owner each month with a list of all Owners that did not remit Club Charges to Association for the prior month. Such list shall include the Owner's name, Home description, and the amount not remitted for the prior month, and the total amount of Club Charges not remitted by such Owner to date.

17.4. Designation. The designation of Assessment type shall be made by Association. Prior to the Community Completion Date, any such designation must be approved by Developer. Such designation may be made on the budget prepared by Association. The designation shall be binding upon all Owners.

17.5. Allocation of Operating Costs

17.5.1. For the period until the adoption of the first annual budget, the allocation of Operating Costs shall be as set forth in the initial budget prepared by Developer.

17.5.2. Commencing on the first day of the period covered by the annual budget, and until the adoption of the next annual budget, the Monthly Assessments shall be allocated so that each Owner shall pay his pro rata portion of Monthly Assessments, Special Assessments, and Reserves based upon a fraction, the numerator of which is one (1) and the denominator of which is the total number of Homes in Legends Community conveyed to Owners or any greater number determined by Developer from time to time. Developer, in its sole and absolute discretion, may change such denominator from time to time. Under no circumstances will the denominator be less than the number of Homes owned by Owners other than Developer.

17.5.3. In the event the Operating Costs as estimated in the budget for a particular fiscal year are, after the actual Operating Costs for that period is known, less than the actual costs, then the difference shall, at the election of Association: (i) be added to the calculation of Monthly Assessments for the next ensuing fiscal year; or (ii) be immediately collected from the Owners as a Special Assessment. Association shall have the unequivocal right to specially assess Owners retroactively on January 1st of any year for any shortfall in Monthly Assessments, which

Special Assessment shall relate back to the date that the Monthly Assessments could have been made. No vote of the Owners shall be required for such Special Assessment (or for any other Assessment except to the extent specifically provided herein).

17.5.4. Each Owner agrees that so long as it does not pay more than the required amount it shall have no grounds upon which to object to either the method of payment or non-payment by other Owners of any sums due.

17.6. General Assessments Allocation. Except as hereinafter specified to the contrary, Monthly Assessments, Special Assessments and Reserves shall be allocated equally to each Owner.

17.7. Use Fees and Individual Assessment. Except as hereinafter specified to the contrary, Use Fees and Individual Assessments shall be made against the Owners benefitting from, or subject to the special service or cost as specified by Association.

17.8. Commencement of First Assessment. Assessments shall commence as to each Owner on the day of the conveyance of title of a Home to an Owner. Assessments shall commence as to each Builder on the day of conveyance of title of a Parcel to a Builder.

17.9. Shortfalls and Surpluses. Each Owner acknowledges that because Monthly Assessments, Special Assessments, and Reserves are allocated based on the formula provided herein, or upon the number of Homes conveyed to Owners on or prior to September 30 of the prior fiscal year, it is possible that Association may collect more or less than the amount budgeted for Operating Costs. Prior to the Community Completion Date, Developer shall have the option to fund all or any portion of the shortfall in Monthly Assessments not raised by virtue of Monthly Assessments against Owners or to pay Monthly Assessments on Homes owned by Developer. Developer shall never be required to fund shortfalls in Monthly Assessments or pay Special Assessments or Reserves. Any surplus Assessments collected by Association may be allocated towards the next year's Operating Costs or, in Association's sole and absolute discretion, to the creation of Reserves, whether or not budgeted. Under no circumstances shall Association be required to pay surplus Assessments to Owners.

17.10. Budgets. The initial budget prepared by Developer is adopted as the budget for the period of operation until adoption of the first annual Association Budget. Thereafter, annual budgets shall be prepared and adopted by Association. THE INITIAL BUDGET OF ASSOCIATION IS PROJECTED (NOT BASED ON HISTORICAL OPERATING FIGURES). THEREFORE, IT IS POSSIBLE THAT ACTUAL ASSESSMENTS MAY BE LESSER OR GREATER THAN PROJECTED.

17.11. Establishment of Assessments. Assessments shall be established in accordance with the following procedures:

17.11.1. Monthly Assessments shall be established by the adoption of a twelve (12) month operating budget by the Board. The budget shall be in the form required by Section 617.303(6) of the Florida Statutes, as amended from time to time. Written notice of the amount and date of commencement thereof shall be given to each Owner not less than ten (10) days in advance of the due date of the first installment thereof. Notwithstanding the foregoing, the budget may cover a period of less than twelve (12) months if the first budget is adopted mid-year or in order to change the fiscal year of the Association.

17.11.2. Special Assessments and Individual Assessments against the Owners may be established by Association, from time to time, and shall be payable at such time or time(s) as determined. Until the Community Completion Date, no Special Assessment shall be imposed without the consent of Developer.

17.11.3. Association may establish, from time to time, by resolution, rule or regulation, or by delegation to an officer or agent, including, a professional management company, Use Fees. The sums established shall be payable by the Owner utilizing the service or facility as determined by Association.

17.12. Working Capital Fund. Association has established a working capital fund for the operation of Association (the "Working Capital Fund"). There shall be collected from each Owner that purchases a Home from Developer at the time of conveyance of each Home an amount equal to two months' Assessments. There shall be collected from each Builder that purchases a Parcel from Developer at the time of conveyance of each Parcel an amount equal to two months' Assessments (or such greater amount determined by Developer from time to time) for each Home which Developer determines can be built on such Parcel. At the time that such Builder conveys a Home to an Owner, such Owner shall pay such Builder an amount equal to the amount by such Builder for such Home in order to compensate Builder for the amount advanced. Each Owner's share of the Working Capital Fund shall be transferred to Association immediately after the closing of the Home. The purpose of this fund is to assure that Association will have cash available to meet its obligations, unforeseen expenditures, or to acquire additional property, equipment or services deemed necessary or desirable. Amounts paid into the Working Capital Fund are not to be considered as advance payment of Assessments. The Working Capital Fund may be used by Developer to reduce the Operating Costs. Notwithstanding anything herein to the contrary, Developer shall have the option to waive contributions to the Working Capital Fund. There shall also be collected from each Owner that purchases a Home from Developer at the time of conveyance of the Home an amount equal to two months' Club Charges.

17.13. Assessment Estoppel Certificates. No Owner shall sell or convey its interest in a Home unless all sums due the Association have been paid in full and an estoppel certificate in recordable form shall have been received by such Owner. Association shall prepare and maintain a ledger noting Assessments and Club Charges due from each Owner. The ledger shall be kept in the office of Association, or its designees, and shall be open to inspection by any Owner and Club Owner. Within ten (10) days of a written request therefor, there shall be furnished to an Owner an estoppel certificate in writing setting forth whether the assessments have been paid and/or the amount which is due as of any date. As to parties other than Owners who, without knowledge of error, rely on the certificate, the certificate shall be conclusive evidence of the amount of any Assessment therein stated. The Owner requesting the estoppel certificate shall be required to pay Association a reasonable sum to cover the costs of examining records and preparing such estoppel certificate. Each Owner waives its rights (if any) to an accounting related to Operating Costs or Assessments.

17.14. Payment of Home Real Estate Taxes. Each Owner shall pay all taxes and obligations relating to its Home which, if not paid, could become a lien against the Home which is superior to the lien for Assessments created by this Declaration.

17.15. Collection of Neighborhood Association Assessments. Association shall collect the assessments required by Neighborhood Declarations on behalf of the Neighborhood Associations, unless otherwise indicated by Developer.

17.16. Creation of the Lien and Personal Obligation. Each Owner, by acceptance of a deed or instrument of conveyance for the acquisition of title to a Home, shall be deemed to have covenanted and agreed that the Assessments, and/or other charges and fees set forth herein, together with interest, late fees, costs and reasonable attorneys' fees and paraprofessional fees at all levels of proceedings including appeals, collections and bankruptcy, shall be a charge and continuing lien in favor of Association encumbering the Home and all personal property located thereon owned by the Owner against whom each such Assessment is made. The lien is effective from and after recording a Claim of Lien in the Public Records stating the legal description of the Home, name of the Owner, and the amounts due as of that date, but shall relate back to the date that this Declaration is recorded. Without limiting the foregoing, any Claim of Lien filed by Association shall have priority and be superior to any lien of a Neighborhood Association. The Claim of Lien shall also cover any additional amounts which accrue thereafter until satisfied. Each Assessment, together with interest, late fees, costs and reasonable attorneys' fees and paraprofessional fees at all levels including appeals, collections and bankruptcy, and other costs and expenses provided for herein, shall be the personal

obligation of the person who was the Owner of the Home at the time when the Assessment became due, as well as the Owner's heirs, devisees, personal representatives, successors or assigns.

17.17. **Subordination of the Lien to Mortgages and Club Charges.** The lien for Assessments shall be subordinate to bona fide first mortgages on any Home, if the mortgage is recorded in the Public Records prior to the Claim of Lien, and to Club Charges. The lien for Assessments shall not be affected by any sale or transfer of a Home, except in the event of a sale or transfer (by deed in lieu of foreclosure or otherwise) of a Home pursuant to a foreclosure of a bona fide first mortgage, or a lien for Club Charges, in which event, the acquirer of title, its successors and assigns, shall not be liable for Assessments encumbering the Home or chargeable to the former Owner of the Home which became due prior to such sale or transfer. However, any such unpaid Assessments for which such acquirer of title is not liable may be reallocated and assessed to all Owners (including such acquirer of title) as a part of Operating Costs included within Monthly Assessments. Any sale or transfer (by deed in lieu of foreclosure or otherwise) pursuant to a foreclosure shall not relieve the Owner from liability for, nor the Home from the lien of, any Assessments made thereafter. Nothing herein contained shall be construed as releasing the party liable for any delinquent Assessments from the payment thereof, or the enforcement of collection by means other than foreclosure.

17.18. **Acceleration.** In the event of a default in the payment of any Assessment, Association may accelerate the Assessments then due for up to the next ensuing twelve (12) month period.

17.19. **Non-Payment of Assessments.** If any Assessment is not paid within fifteen (15) days (or such other period of time established by the Board) after the due date, a late fee of \$25.00 per month (or such greater amount established by the Board), together with interest in an amount equal to the maximum rate allowable by law (or such lesser rate established by the Board), per annum, beginning from the due date until paid in full, may be levied. Association may, at any time thereafter, bring an action at law against the Owner personally obligated to pay the same, and/or foreclose the lien against the Home, or both. Association shall not be required to bring such an action if it believes that the best interests of Association would not be served by doing so. There shall be added to the Assessment all costs expended in preserving the priority of the lien and all costs and expenses of collection, including attorneys' fees and paraprofessional fees, at all levels of proceedings, including appeals, collection and bankruptcy. No Owner may waive or otherwise escape liability for Assessments provided for herein by non-use of, or the waiver of the right to use the Common Areas or the Club or by abandonment of a Home.

17.20: **Exemption.** Notwithstanding anything to the contrary herein, neither Developer nor Club Owner nor any Home or property owned by Developer or Club Owner shall (unless specified to the contrary by Developer or Club Owner in a separate written instrument) be responsible for any Assessments of any nature or any portion of the Operating Costs. Developer, at Developer's sole option, may pay Assessments on Homes owned by it. In addition, the Board shall have the right to exempt any portion of Legends Community subject to this Declaration from the Assessments, provided that such part of Legends Community exempted is used (and as long as it is used) for any of the following purposes:

- 17.20.1. Any easement or other interest therein dedicated and accepted by the local public authority and devoted to public use;
- 17.20.2. Any real property interest held by a Telecommunications Provider;
- 17.20.3. Common Areas or property (other than a Home) owned by a Neighborhood Association;
- 17.20.4. Any of Legends Community exempted from ad valorem taxation by the laws of the State of Florida;
- 17.20.5. Any easement or other interest dedicated or conveyed to not for profit corporations for the use and benefit of residents in the Development of Regional Impact of which Legends Community is a part.

17.21. Collection by Developer. If for any reason Association shall fail or be unable to levy or collect Assessments, then in that event, Developer shall at all times have the right, but not the obligation: ~~{(i)}~~ ~~[(D)]~~ to advance such sums as a loan to Association to bear interest and to be repaid as hereinafter set forth; and/or (ii) to levy and collect such Assessments by using the remedies available as set forth above, which remedies; including, but not limited to, recovery of attorneys' fees and paraprofessional fees at all levels including appeals, collections and bankruptcy, shall be deemed assigned to Developer for such purposes. If Developer advances sums, it shall be entitled to immediate reimbursement, on demand, from Association for such amounts so paid, plus interest thereon at the Wall Street Journal Prime Rate plus two percent (2%), plus any costs of collection including, but not limited to, reasonable attorneys' fees and paraprofessional fees at all levels including appeals, collections and bankruptcy.

17.22. Rights to Pay Assessments and Receive Reimbursement. Association, Developer, Club Owner and any Lender of a Home shall have the right, but not the obligation, jointly and severally, and at their sole option, to pay any Assessments or other charges which are in default and which may or have become a lien or charge against any Home. If so paid, the party paying the same shall be subrogated to the enforcement rights of Association with regard to the amounts due.

17.23. Club Charges. As provided in the club Covenants, Club Owner shall have the right, at its sole option, to require that Association enforce Club Owner's lien to collect Club Charges.

17.24. Mortgagee Right. Each Lender may request in writing that Association notify such Lender of any default of the Owner of the Home subject to the Lender's Mortgage under the Association Documents which default is not cured within thirty (30) days after Association learns of such default. A failure by Association to furnish notice to any Lender shall not result in liability of Association because such notice is given as a courtesy to a Lender and the furnishing of such notice is not an obligation of Association to Lender.

18. Information to Lenders and Owners

18.1. Availability. There shall be available for inspections upon request, during normal business hours or under other reasonable circumstances, to Owners and Lenders current copies of the Association Documents.

18.2. Copying. Any Owner and/or Lender shall be entitled, upon written request, and at its cost, to a copy of the documents referred to above.

18.3. Notice. Upon written request by a Lender (identifying the name and address of the Lender and the name and address of the applicable Owner), the Lender will be entitled to timely written notice of:

18.3.1. Any condemnation loss or casualty loss which affects a material portion of a Home to the extent Association is notified of the same;

18.3.2. Any delinquency in the payment of Assessments or Club Charges owed by an Owner of a Home subject to a first mortgage held by the Lender, which remains uncured for a period of sixty (60) days;

18.3.3. Any lapse, cancellation, or material modification of any insurance policy or fidelity bond maintained hereunder;

18.3.4. Any proposed action (if any) which would require the consent of a specific mortgage holder.

19. Architectural Control.

19.1. Architectural Control Committee. The ACC shall be a permanent committee of Association and shall administer and perform the architectural and landscape review and control functions relating to Legends Community. The ACC shall consist of a minimum of three (3) members who shall initially be named by Developer and who shall hold office at the pleasure of Developer. Until the Community Completion Date, Developer shall have the right to change the number of members on the ACC, and to appoint, remove, and replace all members of the ACC. Developer shall determine which members of the ACC shall serve as its chairman and co-chairman. In the event of the failure, refusal, or inability to act of any of the members appointed by Developer, Developer shall have the right to replace any member within thirty (30) days of such occurrence. If Developer fails to replace that member, the remaining members of the ACC shall fill the vacancy by appointment. From and after the Community Completion Date, the Board shall have the same rights as Developer with respect to the ACC.

19.2. Membership. There is no requirement that any member of the ACC be an Owner or a member of the Association.

19.3. General Plan. It is the intent of this Declaration to create a general plan and scheme of development of Legends Community. Accordingly, the ACC shall have the right to approve or disapprove all architectural, landscaping, and improvements within Legends Community by Owners other than Developer or Club Owner. The ACC shall have the right to evaluate all plans and specifications as to harmony of exterior design, landscaping, location of any proposed improvements, relationship to surrounding structures, topography and conformity with such other reasonable requirements as shall be adopted by ACC. The ACC may impose standards for construction and development which may be greater or more stringent than standards prescribed in applicable building, zoning, or other local governmental codes. Prior to the Community Completion Date, any additional standards or modification of existing standards shall require the consent of Developer, which may be granted or denied in its sole discretion.

19.4. Master Plan. Developer has established an overall Master Plan. However, notwithstanding the above, or any other document, brochures or plans, Developer reserves the right to modify the Master Plan or any site plan at any time as it deems desirable in its sole discretion and in accordance with applicable laws and ordinances. **WITHOUT LIMITING THE FOREGOING, DEVELOPER AND/OR BUILDERS MAY PRESENT TO THE PUBLIC OR TO OWNERS RENDERINGS, PLANS, MODELS, GRAPHICS, TOPOGRAPHICAL TABLES, SALES BROCHURES, OR OTHER PAPERS RESPECTING LEGENDS COMMUNITY. SUCH RENDERINGS, PLANS, MODELS, GRAPHICS, TOPOGRAPHICAL TABLES, SALES BROCHURES, OR OTHER PAPERS ARE NOT A GUARANTEE OF HOW LEGENDS COMMUNITY WILL APPEAR UPON COMPLETION AND DEVELOPER RESERVES THE RIGHT TO CHANGE ANY AND ALL OF THE FOREGOING AT ANY TIME AS DEVELOPER DEEMS NECESSARY IN ITS SOLE AND ABSOLUTE DISCRETION.**

19.5. Community Standards. Each Owner and its contractors and employees shall observe, and comply with, the Community Standards which now or may hereafter be promulgated by the ACC and approved by the Board from time to time. The Community Standards shall be effective from the date of adoption; shall be specifically enforceable by injunction or otherwise; and shall have the effect of covenants as set forth herein verbatim. The Community Standards shall not require any Owner to alter the improvements previously constructed. Until the Community Completion Date, Developer shall have the right to approve the Community Standards, which approval, may be granted in its sole discretion.

19.6. Quorum. A majority of the ACC shall constitute a quorum to transact business at any meeting. The action of a majority present at a meeting at which a quorum is present shall constitute the action of the ACC. In lieu of a meeting, the ACC may act in writing.

19.7. Power and Duties of the ACC. No improvements shall be constructed on a Parcel, no exterior of a Home shall be repainted, no landscaping, sign, or improvements erected, removed, planted, or maintained on a Parcel, nor shall any material addition to or any change, replacement, or alteration of the improvements as originally constructed by Developer (visible from the exterior of the Home) be made until the plans and specifications showing

the nature, kind, shape, height, materials, floor plans, color scheme, and the location of same shall have been submitted to and approved in writing by the ACC.

19.8. Procedure. In order to obtain the approval of the ACC, each Owner shall observe the following:

19.8.1. Each applicant shall submit an application to the ACC with respect to any proposed improvement or material change in an improvement, together with the required application(s) and other fee(s) as established by the ACC. The applications shall include such information as may be required by the application form adopted by the ACC. The ACC may also require submission of samples of building materials and colors proposed to be used. At the time of such submissions, the applicant shall, if requested, submit to the ACC, such site plans, plans and specifications for the proposed improvement, prepared and stamped by a registered Florida architect or residential designer, and landscaping and irrigation plans, prepared by a registered landscape architect or designer showing all existing trees and major vegetation stands and surface water drainage plan showing existing and proposed design grades, contours relating to the predetermined ground floor finish elevation, pool plans and specifications and the times scheduled for completion; all as reasonably specified by the ACC.

19.8.2. In the event the information submitted to the ACC is, in the ACC's opinion, incomplete or insufficient in any manner, the ACC may request and require the submission of additional or supplemental information. The Owner shall, within fifteen (15) days thereafter, comply with the request.

19.8.3. No later than thirty (30) days after receipt of all information required by the ACC for final review, the ACC shall approve or deny the application in writing. The ACC shall have the right to refuse to approve any plans and specifications which are not suitable or desirable, in the ACC's sole discretion, for aesthetic or any other reasons or to impose qualifications and conditions thereon. In approving or disapproving such plans and specifications, the ACC shall consider the suitability of the proposed improvements, the materials of which the improvements are to be built, the site upon which the improvements are proposed to be erected, the harmony thereof with the surrounding area and the effect thereof on adjacent or neighboring property. In the event the ACC fails to respond within said thirty (30) day period, the plans and specifications shall be deemed disapproved by the ACC.

19.8.4. Construction of all improvements shall be completed within the time period set forth in the application and approved by the ACC.

19.8.5. In the event that the ACC disapproves any plans and specifications, the applicant may request a rehearing by the ACC for additional review of the disapproved plans and specifications. The meeting shall take place no later than thirty (30) days after written request for such meeting is received by the ACC, unless applicant waives this time requirement in writing. The ACC shall make a final written decision no later than thirty (30) days after such meeting. In the event the ACC fails to provide such written decision within said thirty (30) days, the plans and specifications shall be deemed disapproved.

19.8.6. Upon continued disapproval (even if the members of the Board and ACC are the same), the applicant may appeal the decision of the ACC to the Board within thirty (30) days of the ACC's written review and disapproval. Review by the Board shall take place no later than thirty (30) days subsequent to the receipt by the Board of the Owner's request therefor. If the Board fails to hold such a meeting within thirty (30) days after receipt of request for such meeting, then the plans and specifications shall be deemed approved. The Board shall make a final decision no later than thirty (30) days after such meeting. In the event the Board fails to provide such written decision within said thirty (30) days after such meeting, such plans and specifications shall be deemed approved. The decision of the ACC, or if appealed, the Board, shall be final and binding upon the applicant, its heirs, legal representatives, successors and assigns.

19.9. Alterations. Any and all alterations, deletions, additions and changes of any type or nature whatsoever to then existing improvements or the plans or specifications previously approved by the ACC shall be subject to the approval of the ACC in the same manner as required for approval of original plans and specifications.

19.10. Variations. Association or ACC shall have the power to grant variances from any requirements set forth in this Declaration or from the Community Standards, on a case by case basis, provided that the variance sought is reasonable and results from a hardship upon the applicant. The granting of a variance shall not nullify or otherwise affect the right to require strict compliance with the requirements set forth herein or in the Community Standards on any other occasion.

19.11. Permits. The Owner is solely responsible to obtain all required building and other permits from all governmental authorities having jurisdiction.

19.12. Construction by Owners. The following provisions govern construction activities by Owners after consent of the ACC has been obtained:

19.12.1. Each Owner shall deliver to the ACC copies of all construction and building permits as and when received by the Owner. Each construction site in Legends Community shall be maintained in a neat and orderly condition throughout construction. Construction activities shall be performed on a diligent, work manlike and continuous basis. Roadways, easements, swales, Common Areas and other such areas in Legends Community shall be kept clear of construction vehicles, construction materials and debris at all times. No construction office or trailer shall be kept in Legends Community and no construction materials shall be stored in Legends Community subject, however, to such conditions and requirements as may be promulgated by the ACC. All refuse and debris shall be removed or deposited in a dumpster on a daily basis. No materials shall be deposited or permitted to be deposited in any canal or waterway or Common Areas or other Homes in Legends Community or be placed anywhere outside of the Home upon which the construction is taking place. No hazardous waste or toxic materials shall be stored, handled and used, including, without limitation, gasoline and petroleum products, except in compliance with all applicable federal, state and local statutes, regulations and ordinances, and shall not be deposited in any manner on, in or within the construction or adjacent property or waterways. All construction activities shall comply with the Community Standards.

19.12.2. There shall be provided to the ACC a list (name, address, telephone number and identity of contact person), of all contractors, subcontractors, materialmen and suppliers (collectively, "Contractors") and changes to the list as they occur relating to construction. Each builder and all of its employees and contractors and their employees shall utilize those roadways and entrances into Legends Community as are designated by the ACC for construction activities. The ACC shall have the right to require that each builder's and contractor's employees check in at the designated construction entrances and to refuse entrance to persons and parties whose names are not registered with the ACC.

19.12.3. Each Owner is responsible for insuring compliance with all terms and conditions of these provisions and of the Community Standards by all of its employees and contractors. In the event of any violation of any such terms or conditions by any employee or contractor, or, in the opinion of the ACC, the continued refusal of any employee or contractor to comply with such terms and conditions, after five (5) days' notice and right to cure, the ACC shall have, in addition to the other rights hereunder, the right to prohibit the violating employee or contractor from performing any further services in Legends Community.

19.12.4. The ACC may, from time to time, adopt standards governing the performance or conduct of owners, contractors and their respective employees within Legends Community. Each Owner and contractor shall comply with such standards and cause its respective employees to also comply with same. The ACC may also promulgate requirements to be inserted in all contracts relating to construction within Legends Community and each Owner shall include the same therein.

19.13. Inspection. There is specifically reserved to Association and ACC and to any agent or member of either of them, the right of entry and inspection upon any portion of Legends Community for the purpose of determination whether there exists any violation of the terms of any approval or the terms of this Declaration or the Community Standards.

19.14. Violation. If any improvement shall be constructed or altered without prior written approval, or in a manner which fails to conform with the approval granted, the Owner shall, upon demand of Association or the ACC, cause such improvement to be removed, or restored until approval is obtained or in order to comply with the plans and specifications originally approved. The Owner shall be liable for the payment of all costs of removal or restoration, including all costs and attorneys' fees and paraprofessional fees at all levels including appeals, collections and bankruptcy, incurred by Association or ACC. The costs shall be deemed an Individual Assessment and enforceable pursuant to the provisions of this Declaration. The ACC and/or Association is specifically empowered to enforce the architectural and landscaping provisions of this Declaration and the Community Standards, by any legal or equitable remedy.

19.15. Court Costs. In the event that it becomes necessary to resort to litigation to determine the propriety of any constructed improvement or to cause the removal of any unapproved improvement, Association and/or ACC shall be entitled to recover court costs, expenses and attorneys' fees and paraprofessional fees at all levels, including appeals, collections and bankruptcy, in connection therewith.

19.16. Certificate. In the event that any Owner fails to comply with the provisions contained herein, the Community Standards, or other rules and regulations promulgated by the ACC, Association and/or ACC may, in addition to all other remedies contained herein, record a Certificate of Non-Compliance against the Home stating that the improvements on the Home fail to meet the requirements of this Declaration and that the Home is subject to further enforcement remedies.

19.17. Certificate of Compliance. Prior to the occupancy of any improvement constructed or erected on any Home by other than Developer, or its designees, the Owner thereof shall obtain a Certificate of Compliance from the ACC, certifying that the Owner has complied with the requirements set forth herein. The ACC may, from time to time, delegate to a member or members of the ACC, the responsibility for issuing the Certificate of Compliance.

19.18. Exemption. Notwithstanding anything to the contrary contained herein, or in the Community Standards, any improvements of any nature made or to be made by Developer or Club Owner, or their nominees, including, without limitation, improvements made or to be made to the Common Areas, Club or any Home, shall not be subject to the review of the ACC, Association, or the provisions of the Community Standards.

19.19. Exculpation. Developer, Association, the directors or officers of Association, the ACC, the members of the ACC, or any person acting on behalf of any of them, shall not be liable for any cost or damages incurred by any Owner or any other party whatsoever, due to any mistakes in judgment, negligence, or any action of Developer, Association, ACC or their members, officers, or directors, in connection with the approval or disapproval of plans and specifications. Each Owner agrees, individually and on behalf of its heirs, successors and assigns by acquiring title to a Home, that it shall not bring any action or suit against Developer, Association or their respective directors or officers, the ACC or the members of the ACC, or their respective agents, in order to recover any damages caused by the actions of Developer, Association, or ACC or their respective members, officers, or directors in connection with the provisions of this Section. Association does hereby indemnify, defend and hold Developer and the ACC, and each of their members, officers, and directors harmless from all costs, expenses, and liabilities, including attorneys' fees and paraprofessional fees at all levels, including appeals, of all nature resulting by virtue of the acts of the Owners, Association, ACC or their members, officers and directors. Developer, Association, its directors or officers, the ACC or its members, or any person acting on behalf of any of them, shall not be responsible for any defects in any plans or specifications or the failure of same to comply with applicable laws or code nor for any defects in any improvements constructed pursuant thereto. Each party submitting plans and specifications for approval shall be solely responsible for the sufficiency thereof and for the quality of construction performed pursuant thereto.

20. Owners Liability.

20.1. Right to Cure. Should any Owner do any of the following:

20.1.1. Fail to perform its responsibilities as set forth herein or otherwise breach the provisions of the Declaration; or

20.1.2. Cause any damage to any improvement or Common Areas or Club; or

20.1.3. Impede Developer, Club Owner or Association from exercising its rights or performing its responsibilities hereunder or under the Club Covenants; or

20.1.4. Undertake unauthorized improvements or modifications to a Home, the Common Areas or the Club; or

20.1.5. Impede Developer or Club Owner from proceeding with or completing the development of Legends Community or Club, as the case may be.

Then Developer, Association and/or Club Owner, where applicable, after reasonable prior written notice, shall have the right, through its agents and employees, to cure the breach, including, but not limited to, the entering upon the Home and/or Home and causing the default to be remedied and/or the required repairs or maintenance to be performed, or as the case may be, remove unauthorized improvements or modifications. The cost thereof, plus reasonable overhead costs and attorneys' fees and paraprofessional fees at all levels including appeals, collections and bankruptcy, incurred shall be assessed against the Owner as an Individual Assessment.

20.2. **Non-Monetary Defaults.** In the event of a violation by any Owner, other than the nonpayment of any Assessment or other monies, of any of the provisions of this Declaration, Developer or Association shall notify the Owner of the violation, by written notice. If such violation is not cured as soon as practicable and in any event within seven (7) days after such written notice, the party entitled to enforce same may, at its option:

20.2.1. Commence an action to enforce the performance on the part of the Owner or to enjoin the violation or breach or for equitable relief as may be necessary under the circumstances, including injunctive relief; and/or

20.2.2. Commence an action to recover damages; and/or

20.2.3. Take any and all action reasonably necessary to correct the violation or breach.

All expenses incurred in connection with the violation or breach, or the commencement of any action against any Owner, including reasonable attorneys' fees and paraprofessional fees at all levels including appeals, collections and bankruptcy, shall be assessed against the Owner, as an Individual Assessment, and shall be immediately due and payable without further notice.

20.3. **No Waiver.** The failure to enforce any right, provision, covenant or condition in this Declaration, shall not constitute a waiver of the right to enforce such right, provision, covenant or condition in the future.

20.4. **Rights Cumulative.** All rights, remedies, and privileges granted to Developer, Club Owner, Association and/or the ACC pursuant to any terms, provisions, covenants or conditions of this Declaration, or Community Standards, shall be deemed to be cumulative, and the exercise of any one or more shall neither be deemed to constitute an election of remedies, nor shall it preclude any of them from pursuing such additional remedies, rights or privileges as may be granted or as it might have by law.

20.5. **Enforcement By or Against Other Persons.** In addition to the foregoing, this Declaration or Community Standards may be enforced by Developer and/or, where applicable, Club Owner and/or Association by any procedure at law or in equity against any person violating or attempting to violate any provision herein, to restrain such violation, to require compliance with the provisions contained herein, to recover damages, or to enforce any lien

created herein. The expense of any litigation to enforce this Declaration or Community Standards shall be borne by the person against whom enforcement is sought, provided such proceeding results in a finding that such person was in violation of this Declaration or the Community Standards.

20.6. **Fines.** Except to the extent prohibited by law, in the event of a violation of the provisions contained herein by an Owner or a person acting by, through, or under an Owner, the Rules and Regulations, the Community Standards, or other rules and regulations promulgated by the ACC, Association shall also have the right to levy reasonable fines or suspend the privileges of the Owner or any person acting by, through, or under an Owner. Each fine shall be an Individual Assessment and enforceable pursuant to the provisions of this Declaration and the By-Laws. Each day of an Owner's failure to comply with this Declaration, the Rules and Regulations, the Community Standards, or other rules and regulations promulgated by the ACC shall be treated as a separate violation and, be subject to a separate fine. The decisions of Association shall be final. Fines shall be in such reasonable and uniform amounts as Association shall determine. Suspensions and fines shall be imposed in the manner provided in Section 617.305 of the Florida Statutes, as amended from time to time. The Board shall have the authority to promulgate additional procedures from time to time.

21. Additional Rights of Developer.

21.1. **Sales and Administrative Offices.** For so long as Developer owns any property in Legends Community, is affected by this Declaration, or maintains a sales or administrative office within Legends Community, Developer shall have the right to take such action reasonably necessary to transact any business necessary to consummate the development of Legends Community and sales and re-sales of Homes and/or other properties owned by Developer or others outside of Legends Community. This right shall include, but not be limited to, the right to maintain models, sales offices, sales trailer and parking associated therewith, have signs on any portion of Legends Community, including Common Areas and the Club, employees in the models and offices without the payment of rent or any other fee, maintain offices in models and use of the Common Areas and the Club to show Homes. The sales office and signs and all items pertaining to development and sales remain the property of Developer. Developer shall have all of the foregoing rights without charge or expense. Without limiting any other provision of this Declaration, Developer may assign its rights hereunder to each Builder. The rights reserved hereunder shall extend beyond the Community Completion Date.

21.2. **Modification.** The development and marketing of Legends Community will continue as deemed appropriate in Developer's sole discretion, and nothing in this Declaration or Community Standards, or otherwise, shall be construed to limit or restrict such development and marketing. It may be necessary or convenient for the development of Legends Community to, as an example and not a limitation, amend a Plat and/or the Master Plan, modify the boundary lines of the Common Areas, grant easements, dedications, agreements, licenses, restrictions, reservations, covenants, rights-of-way, and to take such other actions which Developer, or its agents, affiliates, or assignees may deem necessary or appropriate. Association and Owners shall, at the request of Developer, execute and deliver any and all documents and instruments which Developer deems necessary or convenient, in its sole and absolute discretion, to accomplish the same.

21.3. **Promotional Events.** Prior to the Community Completion Date, Developer shall have the right, at any time, to hold marketing and promotional events within Legends Community and/or on the Common Areas or Club, without any charge for use. Developer, its agents, affiliates, or assignees shall have the right to market Legends Community and Homes in advertisements and other media by making reference to Legends Community, including, but not limited to, pictures or drawings of Legends Community, the Club, Common Areas, Parcels and Homes constructed in Legends Community. All logos, trademarks, and designs used in connection with Legends Community are the property of Developer, and the Association shall have no right to use the same after the Community Completion Date except with the express written permission of Developer. Without limiting any other provision of this Declaration, Developer may assign its rights hereunder to each Builder.

21.4. Use by Prospective Purchasers. Prior to the Community Completion Date, Developer shall have the right, without charge, to use the Common Areas for the purpose of entertaining prospective purchasers of Homes, or other properties owned by Developer outside of Legends Community.

21.5. Franchises. Developer may grant franchises or concessions to commercial concerns on all or part of the Common Areas and shall be entitled to all income derived therefrom.

21.6. Easements. Until the Community Completion Date, Developer reserves the exclusive right to grant, in its sole discretion, easements, permits and/or licenses for ingress and egress, drainage, utilities service, maintenance, Telecommunications Services; and other purposes over, upon and across Legends Community so long as any said easements do not materially and adversely interfere with the intended use of Homes previously conveyed to Owners. By way of example, and not of limitation, Developer may be required to take certain action, or make additions or modifications to the Common Areas in connection with an environmental program. All easements necessary for such purposes are reserved in favor of Developer, in perpetuity, for such purposes. Without limiting the foregoing, Developer may relocate any easement affecting a Home, or grant new easements over a Home; after conveyance to an Owner, without the joinder or consent of such Owner, so long as the grant of easement or relocation of easement does not materially and adversely affect the Owner's use of the Home as a residence. As an illustration, Developer may grant an easement for Telecommunications Systems, irrigation, drainage lines or electrical lines over any portion of a Parcel so long as such easement is outside the footprint of the foundation of any residential improvement constructed on such Parcel. Developer shall have the sole right to any fees of any nature associated therewith, including, but not limited to, license or similar fees on account thereof. Association and Owners will, without charge, if requested by Developer: (a) join in the creation of such easements, etc. and cooperate in the operation thereof; and (b) collect and remit fees associated therewith, if any, to the appropriate party. Association will not grant any easements, permits or licenses to any other entity providing the same services as those granted by Developer, nor will it grant any such easement, permit or license prior to the Community Completion Date without the prior written consent of Developer which may be granted or denied in its sole discretion.

21.7. Right to Enforce. Developer has the right, but not the obligation, to enforce the provisions of this Declaration and the Community Standards and to recover all costs relating thereto, including attorneys' fees and paraprofessional fees at all levels of proceeding, including appeals, collections and bankruptcy. Such right shall include the right to perform the obligations of Association and to recover all costs incurred in doing so. The Club Owner shall also have such rights relating to the Club and/or Club Charges.

21.8. Additional Development. If Developer withdraws portions of Legends Community from the operation of this Declaration, Developer may, but is not required to, subject to governmental approvals, create other forms of residential property ownership or other improvements of any nature on the property not subjected to or withdrawn from the operation of this Declaration. Developer shall not be liable or responsible to any person or entity on account of its decision to do so or to provide, or fail to provide, the amenities and/or facilities which were originally planned to be included in such areas. If so designated by Developer, owners or tenants of such other forms of housing or improvements upon their creation, may share in the use of all or some of the Common Areas and/or Club and other facilities and/or roadways which remain subject to this Declaration. The expense of the operation of such facilities shall be allocated to the various users thereof, if at all, as determined by Developer.

21.9. Representations. Developer makes no representations concerning development both within the boundaries of Legends Community including, but not limited to, the number, design, boundaries, configuration and arrangements, prices of all Parcels or Homes or Club and buildings in all other proposed forms of ownership and/or other improvements on Legends Community or in Legends Community or adjacent or near Legends Community, including, but not limited to, the size, location, configuration, elevations, design, building materials, height, view, airspace, number of homes, number of buildings, location of easements, parking and landscaped areas, services and amenities offered.

21.10. **Duration of Rights.** The rights of Developer set forth in this Declaration shall, unless specifically provided to the contrary herein, extend for a period of time ending upon the earlier of: ~~{(i)}~~[(I)] when neither Developer nor any affiliate of Developer has any further interest of any kind in Legends Community; or (ii) a relinquishment by Developer in an amendment to the Declaration placed in the Public Records.

21.11. **Non-Liability.** NOTWITHSTANDING ANYTHING TO THE CONTRARY IN THE ASSOCIATION DOCUMENTS, ASSOCIATION SHALL NOT BE LIABLE OR RESPONSIBLE FOR, OR IN ANY MANNER A GUARANTOR OR INSURER OF, THE HEALTH, SAFETY OR WELFARE OF ANY OWNER, OCCUPANT OR USER OF ANY PORTION OF LEGENDS COMMUNITY INCLUDING, WITHOUT LIMITATION, RESIDENTS AND THEIR FAMILIES, GUESTS, LESSEES, LICENSEES, INVITEES, AGENTS, SERVANTS, CONTRACTORS, AND/OR SUBCONTRACTORS OR FOR ANY PROPERTY OF ANY SUCH PERSONS. WITHOUT LIMITING THE GENERALITY OF THE FOREGOING:

- 21.11.1. IT IS THE EXPRESS INTENT OF THE ASSOCIATION DOCUMENTS THAT THE VARIOUS PROVISIONS THEREOF WHICH ARE ENFORCEABLE BY ASSOCIATION AND WHICH GOVERN OR REGULATE THE USES OF LEGENDS COMMUNITY HAVE BEEN WRITTEN, AND ARE TO BE INTERPRETED AND ENFORCED, FOR THE SOLE PURPOSE OF ENHANCING AND MAINTAINING THE ENJOYMENT OF LEGENDS COMMUNITY AND THE VALUE THEREOF; AND
- 21.11.2. ASSOCIATION IS NOT EMPOWERED, AND HAS NOT BEEN CREATED, TO ACT AS AN AGENCY WHICH ENFORCES OR ENSURES THE COMPLIANCE WITH THE LAWS OF THE STATE OF FLORIDA AND/OR LAKE COUNTY OR PREVENTS TORTIOUS ACTIVITIES; AND
- 21.11.3. THE PROVISIONS OF THE ASSOCIATION DOCUMENTS SETTING FORTH THE USES OF ASSESSMENTS WHICH RELATE TO HEALTH, SAFETY, AND WELFARE SHALL BE INTERPRETED AND APPLIED ONLY AS LIMITATIONS ON THE USES OF ASSESSMENT FUNDS AND NOT AS CREATING A DUTY OF THE ASSOCIATION TO PROTECT OR FURTHER THE HEALTH, SAFETY, OR WELFARE OF ANY PERSON(S), EVEN IF ASSESSMENT FUNDS ARE CHOSEN TO BE USED FOR ANY SUCH REASON.

EACH OWNER (BY VIRTUE OF HIS ACCEPTANCE OF TITLE TO A HOME) AND EACH OTHER PERSON HAVING AN INTEREST IN OR LIEN UPON, OR MAKING A USE OF, ANY PORTION OF LEGENDS COMMUNITY (BY VIRTUE OF ACCEPTING SUCH INTEREST OR LIEN OR MAKING SUCH USE) SHALL BE BOUND BY THIS SECTION AND SHALL BE DEEMED TO HAVE AUTOMATICALLY WAIVED ANY AND ALL RIGHTS, CLAIMS, DEMANDS AND CAUSES OF ACTION AGAINST ASSOCIATION ARISING FROM OR CONNECTED WITH ANY MATTER FOR WHICH THE LIABILITY OF THE ASSOCIATION HAS BEEN DISCLAIMED IN THIS SECTION OR OTHERWISE. AS USED IN THIS SECTION, "ASSOCIATION" SHALL INCLUDE WITHIN ITS MEANING ALL OF ASSOCIATION'S DIRECTORS, OFFICERS, COMMITTEE AND BOARD MEMBERS, EMPLOYEES, AGENTS, CONTRACTORS (INCLUDING MANAGEMENT COMPANIES, SUBCONTRACTORS, SUCCESSORS AND ASSIGNS).

21.12. **Resolution of Disputes.** BY ACCEPTANCE OF A DEED, EACH OWNER AGREES THAT THE ASSOCIATION DOCUMENTS ARE VERY COMPLEX; THEREFORE, ANY CLAIM, DEMAND, ACTION, OR CAUSE OF ACTION, WITH RESPECT TO ANY ACTION, PROCEEDING, CLAIM, COUNTERCLAIM, OR CROSS CLAIM, WHETHER IN CONTRACT AND/OR IN TORT (REGARDLESS IF THE TORT ACTION IS PRESENTLY RECOGNIZED OR NOT), BASED ON, ARISING OUT OF, IN CONNECTION WITH OR IN ANY WAY RELATED TO ASSOCIATION DOCUMENTS, INCLUDING ANY COURSE OF CONDUCT, COURSE OF DEALING, VERBAL OR WRITTEN STATEMENT, VALIDATION,

PROTECTION, ENFORCEMENT ACTION OR OMISSION OF ANY PARTY SHOULD BE HEARD IN A COURT PROCEEDING BY A JUDGE AND NOT A JURY IN ORDER TO BEST SERVE JUSTICE. DEVELOPER HEREBY SUGGESTS THAT EACH OWNER UNDERSTAND THE LEGAL CONSEQUENCES OF ACCEPTING A DEED TO A HOME.

21.13. **Venue.** EACH OWNER ACKNOWLEDGES REGARDLESS OF WHERE SUCH OWNER ~~(i)~~~~(D)~~ EXECUTED A PURCHASE AND SALE AGREEMENT, (ii) RESIDES, (iii) OBTAINS FINANCING OR (iv) CLOSED ON A HOME, THIS DECLARATION LEGALLY AND FACTUALLY WAS EXECUTED IN LAKE COUNTY, FLORIDA. DEVELOPER HAS AN OFFICE IN LAKE COUNTY, FLORIDA AND EACH HOME IS LOCATED IN LAKE COUNTY, FLORIDA. ACCORDINGLY, AN IRREFUTABLE PRESUMPTION EXISTS THAT THE ONLY APPROPRIATE VENUE FOR THE RESOLUTION OF ANY DISPUTE LIES IN LAKE COUNTY, FLORIDA. IN ADDITION TO THE FOREGOING, EACH OWNER AND DEVELOPER AGREE THAT THE VENUE FOR RESOLUTION OF ANY DISPUTE LIES IN LAKE COUNTY, FLORIDA.

21.14. **Reliance.** BEFORE ACCEPTING A DEED TO A HOME, EACH OWNER HAS AN OBLIGATION TO RETAIN AN ATTORNEY IN ORDER TO CONFIRM THE VALIDITY OF THIS DECLARATION. BY ACCEPTANCE OF A DEED TO A HOME, EACH OWNER ACKNOWLEDGES THAT HE HAS SOUGHT AND RECEIVED SUCH AN OPINION OR HAS MADE AN AFFIRMATIVE DECISION NOT TO SEEK SUCH AN OPINION. DEVELOPER IS RELYING ON EACH OWNER CONFIRMING IN ADVANCE OF ACQUIRING A HOME THAT THIS DECLARATION IS VALID, FAIR AND ENFORCEABLE. SUCH RELIANCE IS DETRIMENTAL TO DEVELOPER. ACCORDINGLY, AN ESTOPPEL AND WAIVER EXISTS PROHIBITING EACH OWNER FROM TAKING THE POSITION THAT ANY PROVISION OF THIS DECLARATION IS INVALID IN ANY RESPECT. AS A FURTHER MATERIAL INDUCEMENT FOR DEVELOPER TO SUBJECT LEGENDS COMMUNITY TO THIS DECLARATION, EACH OWNER DOES HEREBY RELEASE, WAIVE, DISCHARGE, COVENANT NOT TO SUE, ACQUIT, SATISFY AND FOREVER DISCHARGE DEVELOPER, ITS OFFICERS, DIRECTORS, EMPLOYEES, AND AGENTS AND ITS AFFILIATES AND ASSIGNS FROM ANY AND ALL LIABILITY, CLAIMS, COUNTERCLAIMS, DEFENSES, ACTIONS, CAUSES OF ACTION, SUITS, CONTROVERSIES, AGREEMENTS, PROMISES AND DEMANDS WHATSOEVER IN LAW OR IN EQUITY WHICH AN OWNER MAY HAVE IN THE FUTURE, OR WHICH ANY PERSONAL REPRESENTATIVE, SUCCESSOR, HEIR OR ASSIGN OF OWNER HEREAFTER CAN, SHALL OR MAY HAVE AGAINST DEVELOPER, ITS OFFICERS, DIRECTORS, EMPLOYEES, AND AGENTS, AND ITS AFFILIATES AND ASSIGNS, FOR, UPON OR BY REASON OF ANY MATTER, CAUSE OR THING WHATSOEVER RESPECTING THIS DECLARATION, OR THE EXHIBITS HERETO. THIS RELEASE AND WAIVER IS INTENDED TO BE AS BROAD AND INCLUSIVE AS PERMITTED BY THE LAWS OF THE STATE OF FLORIDA.

~~(-)~~ 22. **Telecommunications Services.**

22.1. **Right to Contract for Telecommunications Services.** Association shall have the right, but not the obligation, to enter into one or more contracts for the provision of one or more Telecommunications Services for all or any part of Legends Community. Prior to the Community Completion Date, all contracts between a Telecommunications Provider and Association shall be subject to the prior written approval of Developer. Developer and/or its nominees, successors, assigns, affiliates, and licensees may contract with Association and act as a Telecommunications Provider for one or more Telecommunications Services, subject only to the requirements of all applicable laws, statutes, and regulations. If Developer is not the Telecommunications Provider for any particular Telecommunications Service, Developer shall have the right to receive, on a perpetual basis, all or a portion of access fees and/or the revenues derived from such Telecommunications Service within Legends Community as agreed, from time to time, between the Telecommunications Provider and Developer, provided, however, that no such fees may be imposed on a Telecommunications Provider except as provided in any written agreement between such Telecommunications Provider and Developer and/or Association.

22.2. **Easements.** Developer ~~{(i)}~~~~{(I)}~~ reserves unto itself and its nominees, successors, assigns, affiliates, and licensees, and (ii) grants to each Telecommunications Provider that has entered into an agreement with Association respecting Telecommunications Services and/or Telecommunications Systems a perpetual right, privilege, easement and right-of-way across, over, under and upon Legends Community for the installation, construction and maintenance of Telecommunications Systems together with a perpetual right, privilege and easement of ingress and egress, access, over and upon Legends Community for installing, constructing, inspecting, maintaining, altering, moving, improving and replacing facilities and equipment constituting such Telecommunications Systems. If, and to the extent, Telecommunications Services provided by such Telecommunications Providers are to serve all of Legends Community, then the amounts payable to such Telecommunications Providers under their written agreements with Association shall be part of Operating Costs of Association and shall be assessed as a part of the Assessments.

22.3. **Restoration.** Upon the completion of any installation, upgrade, maintenance, repair, or removal of the Telecommunications Systems or any part thereof, each Telecommunications Provider shall restore the relevant portion of the Common Areas and/or any Home to as good a condition as that which existed prior to such installation, maintenance, repair or removal. Failure by Telecommunications Provider to commence such restoration within twenty (20) days after receiving written notice from Association of such failure or the Telecommunications Provider's failure to complete such restoration within ninety (90) days of commencement shall vest in Association the right (but not the obligation) to restore or cause to be restored such portion of the Common Areas and/or Home disturbed by such work, all at such Telecommunications Provider's sole cost and expense, except for in emergency situations whereby Association may restore or cause to be restored such disturbed portion of the Common Areas and/or Home immediately. In the event that Association exercises the right of self-help, each Telecommunications Provider agrees in advance that Association shall have the sole right to ~~{(i)}~~~~{(I)}~~ select the contractors to perform such work and (ii) determine the extent of required restoration. This remedy of self-help is in addition to all other remedies of Association hereunder. All reasonable expenses incurred by Association in connection with such restoration shall be paid by Telecommunications Provider within twenty (20) days of completion of restoration and delivery to Telecommunications Provider of Association's invoice therefor. Any expenses not so paid when due shall bear interest from the due date at the lesser of ~~{(i)}~~~~{(I)}~~ the publicly announced prime rate (or similar successor reference rate) of First Union National Bank on the date of such invoice, or (ii) the maximum rate of interest allowed by the law of the State of Florida for such obligations, or as may be provided in a contract between Association and a Telecommunications Provider.

~~22.4. No Amendment. No amendment of this Declaration shall adversely affect the rights of a Telecommunications Provider under this Section 22 without such Telecommunications Provider's prior consent.~~

23. **Monitoring System.**

23.1. **Right to Install.** Association shall have the right, but not the obligation, to contract for the installation of a Monitoring System for each Home within Legends Community. Prior to the Community Completion Date, all contracts for Monitoring Systems shall be subject to the prior written approval of Developer. Developer or its nominees, successors, assigns, affiliates, and licensees may install such a Monitoring System. Developer reserves the right, at any time and in its sole discretion, to discontinue or terminate any Monitoring System prior to the Community Completion Date. In addition, all Owners specifically acknowledge that Legends Community may have a perimeter access control system, such as fences, walls, hedges, or the like on certain perimeter areas. **ASSOCIATION, BUILDERS, NEIGHBORHOOD ASSOCIATION, CLUB OWNER, AND DEVELOPER SHALL NOT BE HELD LIABLE FOR ANY LOSS OR DAMAGE BY REASON OF FAILURE TO PROVIDE ADEQUATE ACCESS CONTROL OR INEFFECTIVENESS OF ACCESS CONTROL MEASURES UNDERTAKEN.**

23.2. **Components.** The Monitoring System, if installed, may include one or more manned gatehouses, one or more electronic gates, and roving attendants using vehicles. Association and Developer do not warrant or guaranty in any manner that the system will include these items, but reserve the right to install or provide the foregoing items, or any other items they deem appropriate in their sole and absolute discretion. After the Community Completion Date, Association may expand the Monitoring System by a vote of the majority of the Board, without the joinder or consent of the Owners or any third parties. Without limiting the foregoing, Developer and Association reserve the

right to, at any time, increase, decrease, eliminate, or added manned or unmanned gates houses, information booths, sensors, gates and other access monitoring measures as they deem appropriate in their sole and absolute discretion; provided, however, no changes shall be made prior to the Community Completion Date without the prior written consent of Developer.

23.3. Part of Operating Costs. If furnished and installed within any Home, the cost of operating and monitoring any Monitoring System shall be included in Operating Costs of Association and shall be payable as a portion of the Assessments against Owners. The purpose of the Monitoring System will be to control access to Legends Community.

23.4. Club Owner. Club Owner shall have no obligation to pay any part of the costs of installing, maintaining, or replacing the Monitoring System. In the event that the system requires that each Owner accessing Legends Community use a card to enter the Legends Community, each employee, the Manager, and each Member of the Club (as such terms are defined in the Club Covenants) shall also be entitled to such a card upon payment to Association of the actual cost of such card plus a reasonable administrative expense.

23.5. Owners' Responsibility. All Owners and occupants of any Home, and the tenants, guests and invitees of any Owner, as applicable, acknowledge that Association, its Board and officers, Developer, or Club Owner, their nominees or assigns, or any successor Developer, and the ACC and its members, do not represent or warrant that (a) any Monitoring System, designated by or installed according to guidelines established, will not be compromised or circumvented, (b) any Monitoring System will prevent loss by fire, smoke, burglary, theft, hold-up, or otherwise, and/or (c) [X] the Monitoring System will in all cases provide the detection for which the system is designed or intended. In the event that Developer elects to provide a Monitoring System, Developer shall not be liable to the Owners or Association with respect to such Monitoring System, and the Owners and Association shall not make any claim against Developer for any loss that an Owner or Association may incur by reason of break-ins, burglaries, acts of vandalism, personal injury or death, which are not detected or prevented by the Monitoring System. Each Owner and Association are responsible for protecting and insuring themselves in connection with such acts or incidents. The provision of a Monitoring System (including any type of gatehouse) shall in no manner constitute a warranty or representation as to the provision of or level of security within Legends Community or any residential subdivision contained therein. Developer, Builders, Association and the Neighborhood Associations do not guarantee or warrant, expressly or by implication, the merchantability of fitness for use of any community Monitoring System, or that any such system (or any of its components or related services) will prevent intrusions, fires, or other occurrences, regardless of whether or not the Monitoring Service is designed to monitor the same. Each and every Owner and the occupant of each Home acknowledges that Developer, Builders, and Association, their employees, agents, managers, directors, and officers, are not insurers of Owners or Homes, or the Neighborhood Associations, the personal property located within Homes. Developer, Builders, the Neighborhood Association, and Association will not be responsible or liable for losses, injuries, or deaths resulting from any such events.

24. Refund of Taxes and Other Charges. Unless otherwise provided herein, Association agrees that any taxes, fees or other charges paid by Developer to any governmental authority, utility company or any other entity which at a later date are refunded in whole or in part, shall be returned to Developer in the event such refund is received by Association.

25. Assignment of Powers. All or any part of the rights, exemptions and powers and reservations of Developer or Club Owner, as the case may be, herein contained may be conveyed or assigned in whole or part to other persons or entities by an instrument in writing duly executed, acknowledged, and recorded in the Public Records.

26. General Provisions.

26.1. Authority of Board. Except when a vote of the membership of Association is specifically required, all decisions, duties, and obligations of Association hereunder may be made by the Board. Association and Owners shall be bound thereby.

26.2. Severability. Invalidation of any of the provisions of this Declaration by judgment or court order shall in no way affect any other provision, and the remainder of this Declaration shall remain in full force and effect.

26.3. Execution of Documents. Developer's plan of development for the Legends Community (including, without limitation, the creation of one (1) or more special taxing districts) may necessitate from time to time the execution of certain documents as required by governmental agencies. To the extent that said documents require the joinder of Owners other than Developer, Developer, by its duly authorized officers, may, as the agent or the attorney-in-fact for the Owners, execute, acknowledge and deliver such documents (including, without limitation, any consents or other documents required by any governmental agencies in connection with the creation of any special taxing district); and the Owners, by virtue of their acceptance of deeds, irrevocably nominate, constitute and appoint Developer, through its duly authorized officers, as their proper and legal attorneys-in-fact, for such purpose. Said appointment is coupled with an interest and is therefore irrevocable. Any such documents executed pursuant to this Section may recite that it is made pursuant to this Section. Notwithstanding the foregoing, each Owner agrees, by its acceptance of a deed to a Home or Parcel, to execute or otherwise join in any petition and/or other documents required in connection with the creation of a special taxing district relating to Legends Community or any portion(s) thereof.

26.4. Affirmative Obligation of Association. In the event that Association believes that Developer has failed in any respect to meet Developer's obligations under this Declaration or has failed to comply with any of Developer's obligations under law or the Common Areas are defective in any respect, Association shall give written notice to Developer detailing the alleged failure or defect. Association agrees that once Association has given written notice to Developer pursuant to this Section, Association shall be obligated to permit Developer and its agents to perform inspections of the Common Areas and to perform all tests and make all repairs/replacements deemed necessary by Developer to respond to such notice at all reasonable times. Association agrees that any inspection, test and/or repair/replacement scheduled on a business day between 9 a.m. and 5 p.m. shall be deemed scheduled at a reasonable time. The rights reserved in this Section include the right of Developer to repair or address, in Developer's sole option and expense, any aspect of the Common Areas deemed defective by Developer during its inspections of the Common Areas. Association's failure to give the notice and/or otherwise comply with the provisions of this Section will damage Developer. At this time, it is impossible to determine the actual damages Developer might suffer. Accordingly, if Association fails to comply with its obligations under this Section in any respect, Association shall pay to Developer liquidated damages in the amount of \$250,000.00 which Association and Developer agree are a fair and reasonable remedy.

26.5. Notices. Any notice required to be sent to any person, firm, or entity under the provisions of this Declaration shall be deemed to have been properly sent when mailed, postpaid, to the last known address at the time of such mailing.

{26.5} [26.6]. Florida Statutes. Whenever this Declaration refers to the Florida Statutes, it shall be deemed to refer to the Florida Statutes as they exist on the date this Declaration is recorded except to the extent provided otherwise as to any particular provision of the Florida Statutes.

{26.6} [26.7]. Title Documents. Each Owner by acceptance of a deed to a Home acknowledges that such Home is subject to the following documents and all amendments thereto (collectively, the "Title Documents"):

All of the foregoing are recorded in the Public Records of Lake County, Florida.

Developer's plan of development for Legends Community may necessitate from time to time the further amendment, modification and/or termination of the Title Documents. DEVELOPER RESERVES THE UNCONDITIONAL RIGHT TO SEEK AMENDMENTS AND MODIFICATIONS OF THE TITLE DOCUMENTS. It is possible that a governmental subdivision or agency may require the execution of one or more documents in connection with an amendment, modification, and/or termination of the Title Documents. To the extent that such documents require the joinder of Owners other than Developer, Developer, by any one of its duly authorized officers, may, as the agent and/or the attorney-in-fact for the Owners, execute, acknowledge and deliver any documents required by applicable governmental subdivision or agency; and the Owners, by virtue of their acceptance of deeds, irrevocably nominate, constitute and appoint Developer, through any one of its duly authorized officers, as their proper and legal attorney-in-fact for such purpose. This appointment is coupled with an interest and is therefore irrevocable. Any such documents executed pursuant to this Section may recite that it is made pursuant to this Section. Notwithstanding the foregoing, each Owner agrees, by its acceptance of a deed to a Home:

{a} [26:7.1]. to execute or otherwise join in any documents required in connection with the amendment, modification, or termination of the Title Documents; and

{b} [26:7.2]. that such Owner has waived its right to object to or comment the form or substance of any amendment, modification, or termination of the Title Documents.

Without limiting the foregoing, upon the Community Completion Date Association shall assume all of the obligations of Developer under the Title Documents unless otherwise provided by Developer by amendment to this Declaration recorded by Developer in the Public Records, from time to time, and in the sole and absolute discretion of Developer.

{27.7} [26:8]. **Construction Activities.** ALL OWNERS, OCCUPANTS AND USERS OF LEGENDS COMMUNITY ARE HEREBY PLACED ON NOTICE THAT DEVELOPER AND/OR ITS AGENTS, CONTRACTORS, SUBCONTRACTORS, LICENSEES AND OTHER DESIGNEES WILL BE, FROM TIME TO TIME, CONDUCTING BLASTING, EXCAVATION, CONSTRUCTION AND OTHER ACTIVITIES WITHIN OR IN PROXIMITY TO LEGENDS COMMUNITY. BY THE ACCEPTANCE OF THEIR DEED OR OTHER CONVEYANCE OR MORTGAGE, LEASEHOLD, LICENSE OR OTHER INTEREST, AND BY USING ANY PORTION OF LEGENDS COMMUNITY, EACH SUCH OWNER, OCCUPANT AND USER AUTOMATICALLY ACKNOWLEDGES, STIPULATES AND AGREES {(i)}{(I)} THAT NONE OF THE AFORESAID ACTIVITIES SHALL BE DEEMED NUISANCES OR NOXIOUS OR OFFENSIVE ACTIVITIES, HEREBUNDER OR AT LAW GENERALLY, (ii) NOT TO ENTER UPON, OR ALLOW THEIR CHILDREN OR OTHER PERSONS UNDER THEIR CONTROL OR DIRECTION TO ENTER UPON (REGARDLESS OF WHETHER SUCH ENTRY IS A TRESPASS OR OTHERWISE) ANY PROPERTY WITHIN OR IN PROXIMITY TO LEGENDS COMMUNITY WHERE SUCH ACTIVITY IS BEING CONDUCTED (EVEN IF NOT BEING ACTIVELY CONDUCTED AT THE TIME OF ENTRY, SUCH AS AT NIGHT OR OTHERWISE DURING NON-WORKING HOURS), (iii) DEVELOPER AND THE OTHER AFORESAID RELATED PARTIES SHALL NOT BE LIABLE FOR ANY AND ALL LOSSES, DAMAGES (COMPENSATORY, CONSEQUENTIAL, PUNITIVE OR OTHERWISE), INJURIES OR DEATHS ARISING FROM OR RELATING TO THE AFORESAID ACTIVITIES, EXCEPT RESULTING DIRECTLY FROM DEVELOPER'S GROSS NEGLIGENCE OR WILLFUL MISCONDUCT, AND (iv) ANY PURCHASE OR USE OF ANY PORTION OF LEGENDS COMMUNITY HAS BEEN AND WILL BE MADE WITH FULL KNOWLEDGE OF THE FOREGOING.

IN WITNESS WHEREOF, the undersigned, being Developer hereunder, has hereunto set its hand and seal this ____ day of ____, 1999.

WITNESSES:

LENNAR HOMES, INC. a Florida corporation,

Print name: _____

Print name: _____

By: _____
Name: _____
Title: _____

{SEAL}

STATE OF FLORIDA)
) SS.:
COUNTY OF _____)

The foregoing instrument was acknowledged before me this ____ day of ____, 1999 by _____, as Vice President of Lennar Homes, Inc., a Florida corporation, who is personally known to me or who has produced _____ as identification.

My commission expires:

NOTARY PUBLIC, State of Florida
at Large
Print name: _____

JOINDER

LEGENDS COUNTRY CLUB COMMUNITY ASSOCIATION, INC.

LEGENDS COUNTRY CLUB COMMUNITY ASSOCIATION, INC. does hereby join in the document to which this Joinder is attached, and the terms thereof are and shall be binding upon the undersigned and its successors in title.

IN WITNESS WHEREOF, the undersigned has executed this Joinder on this ____ day of ____, 1999.

WITNESSES:

LEGENDS COUNTRY CLUB COMMUNITY ASSOCIATION, INC., a Florida not for profit corporation

Print Name: _____

Print Name: _____

By: _____

Name: _____

Title: President

{SEAL}

STATE OF FLORIDA)
) SS.:
COUNTY OF _____)

The foregoing instrument was acknowledged before me this ____ day of ____, 1999 by _____ as President of LEGENDS COUNTRY CLUB COMMUNITY ASSOCIATION, INC., a Florida not for profit corporation, who is personally known to me or who produced _____ as identification, on behalf of the corporation.

My commission expires:

NOTARY PUBLIC, State of Florida
at Large

Print name: _____

JOINDER

_____ does hereby join in the document to which this Joinder is attached, and the terms thereof are and shall be binding upon the undersigned and its successors in title.

IN WITNESS WHEREOF, the undersigned has executed this Joinder on this ____ day of ____, 1999.

WITNESSES:

Print Name: _____

By: _____

Name: _____

Title: _____

Print Name: _____

{SEAL}

STATE OF FLORIDA)
) SS.:
COUNTY OF _____)

The foregoing instrument was acknowledged before me this ____ day of ____, 1999 by _____ as _____ of _____ who is personally known to me or who produced _____ as identification, on behalf of the corporation.

My commission expires:

NOTARY PUBLIC, State of Florida
at Large

Print name: _____

EXHIBIT 1

LEGAL DESCRIPTION

EXHIBIT 2

ARTICLES OF INCORPORATION

EXHIBIT 3

BY-LAWS

EXHIBIT 4

CLUB COVENANTS

EXHIBIT 5

PERMIT

This redlined draft, generated by CompareRite (TM) - The Instant Redliner, shows the differences between -
original document : I:\SYS\APPS\DOCSOPEN\ZK\JSR\1C9201!.WPD
and revised document: I:\SYS\APPS\DOCSOPEN\ZK\JSR\1C9202!.WPD

CompareRite found 5 change(s) in the text

Deletions appear as Strikethrough text surrounded by {}
Additions appear as "Redline" text surrounded by []

RECEIVED

MAR 29 1999

4-67-0357A.P. EPF

PDS
ORLANDO
SJR WMD

**ARTICLES OF INCORPORATION
OF
LEGENDS COUNTRY CLUB
COMMUNITY ASSOCIATION, INC.
(A CORPORATION NOT FOR PROFIT)**

INDEX

1.	<u>Name of Corporation.</u>	1
2.	<u>Principal Office</u>	1
3.	<u>Registered Office - Registered Agent.</u>	1
4.	<u>Definitions.</u>	1
5.	<u>Purpose of Association.</u>	1
6.	<u>Not for Profit.</u>	1
7.	<u>Powers of Association.</u>	1
8.	<u>Voting Rights.</u>	2
9.	<u>Board of Directors.</u>	2
10.	<u>Dissolution.</u>	2
11.	<u>Duration.</u>	2
12.	<u>Amendments.</u>	2
	12.1. <u>General Restrictions on Amendments</u>	2
	12.2. <u>Amendments Prior to the Completion Date.</u>	2
	12.3. <u>Amendments After the Completion Date</u>	2
13.	<u>Limitations.</u>	2
	13.1. <u>Declaration is Paramount.</u>	3
	13.2. <u>Rights of Developer.</u>	3
	13.3. <u>By-Laws</u>	3
14.	<u>Incorporator.</u>	3
15.	<u>Officers.</u>	3
16.	<u>Indemnification of Officers and Directors.</u>	3
17.	<u>Transactions in Which Directors or Officers are Interested.</u>	3

ARTICLES OF INCORPORATION
OF
LEGENDS COUNTRY CLUB COMMUNITY ASSOCIATION, INC.
(A CORPORATION NOT FOR PROFIT)

In compliance with the requirements of the Laws of the State of Florida, and for the purpose of forming a corporation not for profit, the undersigned does hereby acknowledge:

1 Name of Corporation. The name of the corporation is LEGENDS COUNTRY CLUB COMMUNITY ASSOCIATION, INC. ("Association").

2 Principal Office. The principal office of Association is 1900 Kings Ridge Boulevard, Clermont, Florida 34711, or such other location as shall be designated by the Board of Directors.

3 Registered Office - Registered Agent. The street address of the Registered Office of Association is 100 S.E. Second Street, Suite 2800, Miami, Florida 33131. The name of the Registered Agent of Association is:

KTG&S REGISTERED AGENT CORPORATION

4 Definitions. A declaration entitled Declaration of Restrictions and Covenants for Legends Golf and Country Club Community (the "Declaration") will be recorded in the Public Records of Lake County, Florida, and shall govern all of the operations of a community to be known as Legends Community. All initially capitalized terms not defined herein shall have the meanings set forth in the Declaration.

5 Purpose of Association. Association is formed to: (a) provide for ownership, operation, maintenance and preservation of the Common Areas and improvements thereon; (b) perform the duties delegated to it in the Declaration; ~~{(c)}~~ [©] administer the interests of Association and the Owners; and (d) promote the health, safety and welfare of the Owners.

6 Not for Profit. Association is a not for profit Florida corporation and does not contemplate pecuniary gain to, or profit for, its members, Board of Directors, or officers.

7 Powers of Association. Association shall, subject to the limitations and reservations set forth in the Declaration and Club Covenants, have all the powers, privileges and duties reasonably necessary to discharge its obligations, including, but not limited to, the following:

7.1 To perform all the duties and obligations of Association set forth in the Declaration, these Articles, the By-Laws and the Club Covenants.

7.2 To enforce, by legal action or otherwise, the provisions of the Declaration, these Articles, and the By-Laws and the rules, regulations, covenants, restrictions and/or agreements governing or binding Association and Legends Community.

7.3 To fix, levy, collect and enforce payment, by any lawful means, of all Assessments (including amounts to cover the costs of the Surface Water Management System) payable pursuant to the terms of the Declaration, these Articles, and the By-Laws.

7.4 To pay all Operating Costs, including, but not limited to, all licenses, taxes or governmental charges levied or imposed against the Common Areas or other property of Association and establish reserves for deferred maintenance or capital expenditures.

7.5 To do all acts and make all payments required by the Club Covenants.

7.6 To acquire (by gift, purchase, or otherwise), annex, own, hold, improve, build upon, operate, maintain, convey, grant rights and easements, sell, dedicate, lease, transfer or otherwise dispose of real or personal property (including but not limited to the Common Areas) in connection with the functions of Association except as limited by the Declaration.

7.7 To borrow money, and to mortgage, pledge or hypothecate any or all of its real or personal property as security for money or debts incurred.

7.8 To dedicate, grant, license, lease, concession, create easements upon, sell or transfer all or any part of, the Common Areas to any public agency, entity, authority, utility, or other person or entity for such purposes and subject to such conditions as it determines and subject only to requirements in the Declaration, if any.

7.9 To purchase the Club by majority Board action as provided in the Club Covenants without the joinder or consent of the Owners or any other party.

7.10 To participate in mergers and consolidations with other non-profit corporations organized for the same purposes.

7.11. The Association shall operate, maintain and manage the Surface Water Management System in a manner consistent with the St. Johns River Water Management District Permit no. _____ requirements and applicable District rules, and shall assist in the enforcement of the Declaration which relate to the Surface Water Management System.

7.12 To adopt, publish, promulgate or enforce rules, regulations, covenants, restrictions or agreements governing Association, the Common Areas, Parcels and Homes as provided in the Declaration and to effectuate all of the purposes for which Association is organized.

7.13 To have and to exercise any and all powers, rights and privileges which a not-for-profit corporation organized under the Laws of the State of Florida may now, or hereafter, have or exercise.

7.14 To employ personnel and retain independent contractors to contract for management of Association and the Common Areas and the Club (if Association shall ever be appointed Club Manager or purchase the Club pursuant to the Club Covenants) as provided in the Declaration and to delegate in such contract all or any part of the powers and duties of Association.

7.15 To contract for services to be provided to, or for the benefit of, Association, Club Owner, Owners, the Common Areas and Legends Community and the Club as provided in the Declaration and Club Covenants such as, but not limited to, Telecommunications Services, maintenance, garbage pick-up, and utility services.

7.16 To establish committees and delegate certain of its functions to those committees.

7.17 To hold all funds and property owned or acquired by the Association in the name of the Association for the benefit of its members in accordance with the provisions of the Declaration, these Articles, and the By-Laws.

8 Voting Rights. Owners and Developer shall have the voting rights set forth in the By-Laws.

9 Board of Directors. The affairs of Association shall be managed by a Board of odd number with not less than three (3) nor more than five (5) members. The initial number of directors shall be three (3). Board members shall be appointed and/or elected as stated in the By-Laws. The election of Directors shall be held at the annual meeting of the members. Directors shall be elected for a term expiring on the date of the next annual meeting. The names and addresses of the members of the first Board who shall hold office until their successors are appointed or elected, or until removed, are as follows:

NAME	ADDRESS
E. BING HACKER	1900 KINGS RIDGE BOULEVARD CLERMONT, FL 34711
JOHN B. DEBITETTO	1900 KINGS RIDGE BOULEVARD CLERMONT, FL 34711
CHRISTINE SODERMARK	1900 KINGS RIDGE BOULEVARD CLERMONT, FL 34711

10 Dissolution. In the event of the dissolution of Association other than incident to a merger or consolidation, any member may petition the Circuit Court having jurisdiction of the Judicial Circuit of the State of Florida for the appointment of a receiver to manage its affairs of the dissolved Association and to manage the Common Areas, in the place and stead of Association, and to make such provisions as may be necessary for the continued management of the affairs of the dissolved Association and its properties. Notwithstanding the foregoing, in the event of termination, dissolution or final liquidation of the Association, the responsibility for the operation and maintenance of the Surface Water Management System must be transferred to and accepted by an entity which would comply with Section 40C-42.027, F.A.C., and be approved by the St. Johns River Water Management District prior to such termination, dissolution or liquidation.

11 Duration. ~~{Association shall have perpetual existence.}~~ [Existence of the Association shall commence with the filing of these Articles with the Secretary of State, Tallahassee, Florida. The Association shall exist in perpetuity.]

12 Amendments.

12.1 General Restrictions on Amendments. Notwithstanding any other provision herein to the contrary, no amendment to these Articles shall affect the rights of Developer unless such amendment receives the prior written consent of Developer, which may be withheld for any reason whatsoever. No amendment shall be effective until it is recorded in the Public Records.

12.2 Amendments Prior to the Completion Date. Prior to the Community Completion Date, Developer shall have the right to amend these Articles as it deems appropriate, without the joinder or consent of any person or entity whatsoever. Developer's right to amend under this Section is to be construed as broadly as possible. In the event that Association shall desire to amend these Articles prior to the Community Completion Date, Association must first obtain Developer's prior written consent to any proposed amendment. Thereafter, an amendment identical to that approved by Developer may be adopted by Association pursuant to the requirements for amendments from and after the Community Completion Date. Thereafter, Developer shall join in such identical amendment so that its consent to the same will be reflected in the Public Records.

12.3 Amendments After the Completion Date. After the Community Completion Date, but subject to the general restrictions on amendments set forth above, these Articles may be amended with the approval of two-thirds (66 2/3%) of the Board.

13 Limitations.

13.1 Declaration is Paramount. No amendment may be made to these Articles which shall in any manner reduce, amend, affect or modify the terms, conditions, provisions, rights and obligations set forth in the Declaration.

13.2 Rights of Developer. There shall be no amendment to these Articles which shall abridge, reduce, amend, effect or modify the rights of Developer.

13.3 By-Laws. These Articles shall not be amended in a manner that conflicts with the By-Laws.

14 Incorporator. The name and address of the Incorporator of this corporation is:

PATRICIA {KIMBALL} [CYMBAL] FLETCHER
ZACK KOSNITZKY, P.A.
100 Southeast 2nd Street, Suite 2800
Miami, Florida 33131-2144

15 Officers. The Board shall elect a President, Secretary, Treasurer, and as many Vice Presidents, Assistant Secretaries and Assistant Treasurers as the Board shall from time to time determine. The names and addresses of the Officers who shall serve until their successors are elected by the Board are as follows:

President:	E. BING HACKER
Vice President:	JOHN B. DEBITETTO
Secretary:	CHRISTINE SODERMARK
Treasurer:	CHRISTINE SODERMARK

16 Indemnification of Officers and Directors. Association shall and does hereby indemnify and hold harmless every Director and every Officer, their heirs, executors and administrators, against all loss, cost and expenses reasonably incurred in connection with any action, suit or proceeding to which such Director or Officer may be made a party by reason of being or having been a Director or Officer of Association, including reasonable counsel fees and paraprofessional fees at all levels of proceeding. This indemnification shall not apply to matters wherein the Director or Officer shall be finally adjudged in such action, suit or proceeding to be liable for or guilty of gross negligence or willful misconduct. The foregoing rights shall be in addition to, and not exclusive of, all other rights to which such Director or Officers may be entitled.

17 Transactions in Which Directors or Officers are Interested. No contract or transaction between Association and one (1) or more of its Directors or Officers or Developer, or between Association and any other corporation, partnership, association, or other organization in which one (1) or more of its Officers or Directors are officers, directors or employees or otherwise interested shall be invalid, void or voidable solely for this reason, or solely because the Officer or Director is present at, or participates in, meetings of the Board thereof which authorized the contract or transaction, or solely because said Officers' or Directors' votes are counted for such purpose. No Director or Officer of Association shall incur liability by reason of the fact that such Director or Officer may be interested in any such contract or transaction. Interested Directors shall disclose the general nature of their interest and may be counted in determining the presence of a quorum at a meeting of the Board which authorized the contract or transaction.

IN WITNESS WHEREOF, for the purpose of forming this corporation under the Laws of the State of Florida, the undersigned, being the Incorporator of this Association, has executed these Articles of Incorporation as of this ___ day of _____, 1999.

WITNESSES:

Print name: _____

Print name: _____

PATRICIA {KIMBALL} [CYMBAL] FLETCHER,
Incorporator

STATE OF FLORIDA)
) SS.:
COUNTY OF MIAMI-DADE)

The foregoing instrument was acknowledged before me this ___ day of _____, 1999 by PATRICIA {KIMBALL} [CYMBAL] FLETCHER who is personally known to me or produced _____ as identification.

My commission expires:

NOTARY PUBLIC, State of Florida
at Large
Print name: _____

ACCEPTANCE BY REGISTERED AGENT

I, having been named to accept service of process for the above-stated corporation at the place designated in this certificate, hereby agree to act in this capacity, and I am familiar with, and accept, the obligations of this position and further agree to comply with the provisions of all statutes relative to the proper and complete performance of my duties.

Dated this ___ day of _____, 1999.

**KTG&S REGISTERED AGENT
CORPORATION**

By: _____

**BY-LAWS
OF
LEGENDS COUNTRY CLUB
COMMUNITY ASSOCIATION, INC.**

RECEIVED

MAR 29 1999

4-069-0357MSP

PDS
ORLANDO
SJR WMD

INDEX

1. Name and Location 1

2. Definitions 1

3. Members 1

 3.1. Voting Interests 1

 3.1.1. Home Owned By Husband and Wife 1

 3.1.2. Trusts 1

 3.1.3. Corporations 1

 3.1.4. Partnerships 1

 3.1.5. Multiple Individuals 2

 3.1.6. Liability of Association 2

 3.2. Annual Meetings 2

 3.3. Special Meetings of the Members 2

 3.4. Notice of Members Meetings 2

 3.5. Quorum of Members 2

 3.6. Adjournment of Members Meetings 2

 3.7. Action of Members 2

 3.8. Proxies 2

4. Board of Directors 2

 4.1. Number 2

 4.2. Term of Office 2

 4.3. Removal 2

 4.4. Compensation 3

 4.5. Action Taken Without a Meeting 3

 4.6. Appointment and Election of Directors 3

 4.7. Election 3

 4.8. Fiduciary Duty of Directors 3

5. Meeting of Directors 3

 5.1. Regular Meetings 3

 5.2. Special Meetings 3

 5.3. Emergencies 3

 5.4. Quorum 3

 5.5. Open Meetings 3

 5.6. Voting 3

 5.7. Notice of Board Meetings 3

6. Powers and Duties of the Board 3

 6.1. Powers 3

 6.1.1. Generally 3

 6.1.2. Rules and Regulations 4

 6.1.3. Enforcement 4

 6.1.4. Declare Vacancies 4

 6.1.5. Hire Employees 4

 6.1.6. Common Areas 4

 6.1.7. Granting of Interest 4

	6.1.8. Financial Reports.	4
	6.2. <u>Vote</u>	4
	6.3. <u>Limitations</u>	4
7.	<u>Obligations of Association</u>	4
	7.1. <u>Official Records</u>	4
	7.2. <u>Supervision</u>	4
	7.3. <u>Assessments and Fines</u>	4
	7.4. <u>Enforcement</u>	4
8.	<u>Officers and Their Duties</u>	4
	8.1. <u>Officers</u>	4
	8.2. <u>Election of Officers</u>	4
	8.3. <u>Term</u>	4
	8.4. <u>Special Appointment</u>	4
	8.5. <u>Resignation and Removal</u>	5
	8.6. <u>Vacancies</u>	5
	8.7. <u>Multiple Offices</u>	5
	8.8. <u>Duties</u>	5
	8.8.1. <u>President</u>	5
	8.8.2. <u>Vice President</u>	5
	8.8.3. <u>Secretary</u>	5
	8.8.4. <u>Treasurer</u>	5
9.	<u>Committees</u>	5
	9.1. <u>General</u>	5
	9.2. <u>ACC</u>	5
10.	<u>Records</u>	5
11.	<u>Corporate Seal</u>	5
12.	<u>Amendments</u>	5
	12.1. <u>General Restrictions on Amendments</u>	5
	12.2. <u>Amendments Prior to the Completion Date</u>	5
	12.3. <u>Amendments After the Completion Date</u>	5
13.	<u>Conflict</u>	6
14.	<u>Fiscal Year</u>	6
15.	<u>Miscellaneous</u>	6
	15.1. <u>Florida Statutes</u>	6
	15.2. <u>Severability</u>	6

BY-LAWS
OF
LEGENDS COUNTRY CLUB COMMUNITY ASSOCIATION, INC.

1. Name and Location. The name of the corporation is LEGENDS COUNTRY CLUB COMMUNITY ASSOCIATION, INC. ("Association"). The principal office of the corporation shall be located at 1900 Kings Ridge Boulevard, Clermont, Florida 34711, or at such other location designated by the Board of Directors (the "Board") from time to time.

2. Definitions. The definitions contained in the Declaration of Restrictions and Covenants for Legends Golf and Country Club Community (the "Declaration") relating to the residential community known as Legends Community recorded, or to be recorded, in the Public Records of Lake County, Florida, are incorporated herein by reference and made a part hereof. In addition to the terms defined in the Declaration, the following terms shall have the meanings set forth below:

"Annual Members Meeting" shall have the meaning assigned to such term in Section 3.2 of these By-Laws.

"By-Laws" shall mean these By-Laws as amended from time to time.

"Member" shall mean each Owner and Developer.

"Minutes" shall mean the minutes of all Member and Board meetings, which shall be in the form required by the Florida Statutes. In the absence of governing Florida Statutes, the Board shall determine the form of the Minutes.

"Official Records" shall mean all records required to be maintained by Association pursuant to Section 617.303(4) of the Florida Statutes, as amended from time to time.

"Special Members Meeting" shall have the meaning assigned to such term in Section 3.3 of these By-Laws.

"Voting Interests" shall mean the voting rights held by the Members.

3. Members.

3.1. Voting Interests. Each Owner and Developer shall be a Member of Association. No person who holds an interest in a Home only as security for the performance of an obligation shall be a Member of Association. Membership shall be appurtenant to, and may not be separated from, ownership of any Home. There shall be one vote appurtenant to each Home. Prior to the Turnover Date, Developer shall have Voting Interests equal to one (1) plus the total number of votes held by all other Members. For the purposes of determining who may exercise the Voting Interest associated with each Home, the following rules shall govern:

3.1.1. Home Owned By Husband and Wife. Either the husband or wife (but not both) may exercise the Voting Interest with respect to a Home. In the event the husband and wife cannot agree, neither may exercise the Voting Interest.

3.1.2. Trusts. In the event that any trust owns a home, Association shall have no obligation to review the trust agreement with respect to such trust. If the Home is owned by Robert Smith, as Trustee, Robert Smith shall be deemed the Owner of the Home for all Association purposes. If the Home is owned by Robert Smith as Trustee for the Laura Jones Trust, then Robert Smith shall be deemed the Member with respect to the Home for all Association purposes. If the Home is owned by the Laura Jones Trust, and the deed does not reference a trustee, then Laura Jones shall be deemed the Member with respect to the Home for all Association purposes. If the Home is owned by the Jones Family Trust, the Jones Family Trust may not exercise its Voting Interest unless it presents to Association, in the form of an attorney opinion letter or affidavit reasonably acceptable to Association, the identification of the person who should be treated as the Member with respect to the Home for all Association purposes. If Robert Smith

and Laura Jones, as Trustees, hold title to a Home, either trustee may exercise the Voting Interest associated with such Home. In the event of a conflict between trustees, the Voting Interest for the Home in question cannot be exercised. In the event that any other form of trust ownership is presented to Association, the decision of the Board as to who may exercise the Voting Interest with respect to any Home shall be final. Association shall have no obligation to obtain an attorney opinion letter in making its decision, which may be made on any reasonable basis whatsoever.

3.1.3. Corporations. If a Home is owned by a corporation, the corporation shall designate a person, an officer, employee, or agent who shall be treated as the Member who can exercise the Voting Interest associated with such Home.

3.1.4. Partnerships. If a Home is owned by a limited partnership, any one of the general partners may exercise the Voting Interest associated with such Home. By way of example, if the general partner of a limited partnership is a corporation, then the provisions hereof governing corporations shall govern which person can act on behalf of the corporation as general partner of such limited partnership. If a Home is owned by a general partnership, any one of the general partners may exercise the Voting Interest associated with such Home. In the event of a conflict among general partners entitled to exercise a Voting Interest, the Voting Interest for such Home cannot be exercised.

3.1.5. Multiple Individuals. If a Home is owned by more than one individual, any one of such individuals may exercise the Voting Interest with respect to such Home. In the event that there is a conflict among such individuals, the Voting Interest for such Home cannot be exercised.

3.1.6. Liability of Association. Association may act in reliance upon any writing or instrument or signature, whether original or facsimile, which Association, in good faith, believes to be genuine, may assume the validity and accuracy of any statement or assertion contained in such a writing or instrument, and may assume that any person purporting to give any writing, notice, advice or instruction in connection with the provisions hereof has been duly authorized to do so. So long as Association acts in good faith, Association shall have no liability or obligation with respect to the exercise of Voting Interests, and no election shall be invalidated (in the absence of fraud) on the basis that Association permitted or denied any person the right to exercise a Voting Interest. In addition, the Board may impose additional requirements respecting the exercise of Voting Interests (e.g., the execution of a Voting Certificate).

3.2. Annual Meetings. The annual meeting of the Members (the "Annual Members Meeting") shall be held at least once each calendar year on a date, at a time, and at a place to be determined by the Board.

3.3. Special Meetings of the Members. Special meetings of the Members (a "Special Members Meeting") may be called by the President, a majority of the Board, or upon written request of twenty-five percent (25%) of the Voting Interests of the Members. The business to be conducted at a Special Members Meeting shall be limited to the extent required by the Florida Statutes.

3.4. Notice of Members Meetings. Written notice of each Members Meeting shall be given by, or at the direction of, any officer of the Board or any management company retained by Association. A copy of the notice shall be posted in a prominent place on the Common Areas within fourteen (14) days before the meeting. The notice shall specify the place, day, and hour of the meeting and, in the case of a Special Members Meeting, the purpose of the meeting. Alternatively, and to the extent not prohibited by the Florida Statutes, the Board may adopt from time to time, other procedures for giving notice to the Members of the Annual Members Meeting or a Special Members Meeting. By way of example, and not of limitation, such notice may be included in a newsletter sent to each Member by the Club or Association.

3.5. Quorum of Members. A quorum shall be established by the presence, in person or by proxy, of the Members entitled to cast twenty percent (20%) of the Voting Interests, except as otherwise provided in the Articles, the Declaration, or these By-Laws. Notwithstanding any provision herein to the contrary, in the event that technology permits Members to participate in Members Meetings and vote on matters electronically, then the Board shall have

authority, without the joinder of any other party, to revise this provision to establish appropriate quorum requirements.

3.6. Adjournment of Members Meetings. If, however, a quorum shall not be present at any Members Meeting, the meeting may be adjourned as provided in the Florida Statutes. In the absence of a provision in the Florida Statutes, the Members present shall have power to adjourn the meeting and reschedule it on another date.

3.7. Action of Members. Decisions that require a vote of the Members must be made by a concurrence of a majority of the Voting Interests present in person or by proxy, represented at a meeting at which a quorum has been obtained unless provided otherwise in the Declaration, the Articles, or these By-Laws.

3.8. Proxies. At all Members Meetings, Members may vote their Voting Interests in person or by proxy. All proxies shall comply with the provisions of Section 617.306(6) of the Florida Statutes, as amended from time to time, be in writing, and be filed with the Secretary at, or prior to, the meeting. Every proxy shall be revocable prior to the meeting for which it is given.

4. Board of Directors.

4.1. Number. The affairs of Association shall be managed by a Board consisting of not less than three (3) persons. Board members appointed by Developer need not be Members of Association. Board members elected by Owners must be Members of Association.

4.2. Term of Office. The election of Directors shall take place after Developer no longer has the authority to appoint the Board and shall take place at the Annual Members Meeting or on the Turnover Date. Directors shall be elected for a term ending upon the election of new Directors at the following Annual Members Meeting (except that the term of the Board appointed by Developer shall extend until the date designated by Developer, or until the Turnover Date).

4.3. Removal. Any vacancy created by the resignation or removal of a Board member appointed by Developer may be replaced by Developer. Developer may replace or remove any Board member appointed by Developer in Developer's sole and absolute discretion. In the event of death or resignation of a Director elected by the Members other than Developer, the remaining Directors may fill such vacancy. Directors elected by Members may be removed, with or without cause, by the vote or agreement in writing of Members holding a majority of the Voting Interests.

4.4. Compensation. No Director shall receive compensation for any service rendered as a Director to Association; provided, however, any Director may be reimbursed for actual expenses incurred as a Director.

4.5. Action Taken Without a Meeting. Except to the extent prohibited by law, the Board shall have the right to take any action without a meeting by obtaining the written approval of the required number of Directors. Any action so approved shall have the same effect as though taken at a meeting of Directors.

4.6. Appointment and Election of Directors. Until the Turnover Date, Developer shall have the unrestricted power to appoint all Directors of Association. From and after the Turnover Date, or such earlier date determined by Developer in its sole and absolute discretion, the Members shall elect a majority of Directors of Association at or in conjunction with the Annual Members Meeting of the Members. After the Turnover Date, the Developer shall be entitled to appoint one Director to the Board so long as Developer holds for sale in the ordinary course of business at least five percent (5%) of all Homes that Developer plans to build within the Legends Community.

4.7. Election. Election to the Board shall be by secret written ballot, unless unanimously waived by all Members present. The persons receiving the largest numbers of votes shall be elected. Cumulative voting is not permitted.

4.8. Fiduciary Duty of Directors. Directors shall act in good faith in the performance of all duties.

5. Meeting of Directors.

5.1. Regular Meetings. Regular meetings of the Board shall be held on a schedule adopted by the Board from time to time. Meetings shall be held at such place, hour, and date as may be fixed, from time to time, by resolution of the Board.

5.2. Special Meetings. Special meetings of the Board shall be held when called by the President, or by any two (2) Directors. Each Director shall be given not less than two (2) days' notice except in the event of an emergency. Notice may be waived. Attendance shall be a waiver of notice. Telephone conference meetings are permitted.

5.3. Emergencies. In the event of an emergency involving immediate danger of injury or death to any person or damage to property, if a meeting of the Board cannot be immediately convened to determine a course of action, the President or, in his absence, any other officer or director, shall be authorized to take such action on behalf of Association as shall be reasonably required to appropriately respond to the emergency situation, including the expenditure of Association funds in the minimum amount as may be reasonably required under the circumstances. The authority of officers to act in accordance herewith shall remain in effect until the first to occur of the resolution of the emergency situation or a meeting of the Board convened to act in response thereto.

5.4. Quorum. A majority of the number of Directors shall constitute a quorum for the transaction of business. Every act or decision done or made by a majority of the Directors present at a duly held meeting, at which a quorum is present, or in writing in lieu thereof, shall be action of the Board.

5.5. Open Meetings. Meetings of the Board shall be open to all Members whose participation shall be permitted only with Board acknowledgment or upon advance request through an item properly placed on the Board meeting agenda.

5.6. Voting. Board Members shall cast votes in the manner provided in the Florida Statutes. In the absence of a statutory provision, the Board shall establish the manner in which votes shall be cast.

5.7. Notice of Board Meetings. Notices of meetings of the Board shall be posted in a conspicuous place on the Common Areas and/or in the Club at least 48 hours in advance, except in an event of an emergency. Alternatively, notice may be given to Members in any other manner provided by Florida Statute. By way of example, and not of limitation, notice may be given in any Club newsletter distributed to the Members. For the purposes of giving notice, the area for notices to be posted within the Club shall be deemed a conspicuous place. Notices of any meetings of the Board at which Assessments against Homes are to be established shall specifically contain a statement that Assessments shall be considered and a statement of the nature of such Assessments.

6. Powers and Duties of the Board.

6.1. Powers. The Board shall, subject to the limitations and reservations set forth in the Declaration and Articles, have the powers reasonably necessary to manage, operate, maintain and discharge the duties of Association, including, but not limited to, the power to cause Association to do the following:

6.1.1. Generally. Exercise all powers, duties and authority vested in or delegated to Association by law and in these By-Laws, the Articles, the Declaration, the Community Standards and the Club Covenants, including, without limitation, adopt budgets, levy Assessments, enter into contracts with Telecommunications Providers for Telecommunications Services, and collect and remit the Club Charges if so directed by Club Owner.

6.1.2. Rules and Regulations. Adopt, publish, promulgate and enforce rules and regulations governing Legends Community by the Members, Tenants and their guests and invites, and to establish penalties and/or fines for the infraction thereof subject only to the requirements of the Florida Statutes, if any.

6.1.3. Enforcement. Suspend the right of use of the Common Areas (other than for vehicular and pedestrian ingress and egress and for utilities) of a Member during any period in which such Member shall be in default in the payment of any Assessment or charge levied, or collected, by Association.

6.1.4. Declare Vacancies. Declare the office of a member of the Board to be vacant in the event such Member shall be absent from three (3) consecutive regular Board meetings.

6.1.5. Hire Employees. Employ, on behalf of Association, managers, independent contractors, or such other employees as it deems necessary, to prescribe their duties and delegate to such manager, contractor, or other person or entity, any or all of the duties and functions of Association and/or its officers.

6.1.6. Common Areas. Dedicate, grant, license, lease, concession, create easements upon, sell or transfer all or any part of, the Common Areas to any public agency, entity, authority, utility or other person or entity for such purposes and subject to such conditions as it determines and as provided in the Declaration; and acquire, sell, operate, lease, manage and otherwise trade and deal with property, real and personal, including the Common Areas, as provided in the Declaration, and with any other matters involving Association or its Members, on behalf of Association or the discharge of its duties, as may be necessary or convenient for the operation and management of Association and in accomplishing the purposes set forth in the Declaration.

6.1.7. Granting of Interest. Grant licenses, easements, permits, leases, or privileges to any individual or entity, which affect Common Areas and to alter, add to, relocate or improve the Common Areas as provided in the Declaration.

6.1.8. Financial Reports. Prepare all financial reports required by the Florida Statutes.

6.2. Vote. The Board shall exercise all powers so granted except where the Declaration, Articles or these By-Laws specifically require a vote of the Members.

6.3. Limitations. Until the Turnover Date, Developer shall have and is hereby granted a right to disapprove or veto any such action, policy, or program proposed or authorized by Association, the Board, the ACC, any committee of Association, or the vote of the Members. This right may be exercised by Developer at any time within ten (10) days following a meeting held pursuant to the terms and provisions hereof. This right to disapprove may be used to veto proposed actions but shall not extend to the requiring of any action or counteraction on behalf of Association, the Board, the ACC or any committee of Association.

7. Obligations of Association. Association, subject to the provisions of the Declaration, Articles, and these By-Laws, shall discharge such duties as necessary to operate Association pursuant to the Declaration, including, but not limited to, the following:

7.1. Official Records. Maintain and make available all Official Records.

7.2. Supervision. Supervise all officers, agents and employees of Association, and to see that their duties are properly performed.

7.3. Assessments and Fines. Fix and collect the amount of the Assessments and fines; take all necessary legal action; and pay, or cause to be paid, all obligations of Association or where Association has agreed to do so, of the Members.

7.4. **Enforcement.** Enforce the provisions of the Declaration, Articles, these By-Laws, and Rules and Regulations.

8. **Officers and Their Duties.**

8.1. **Officers.** The officers of this Association shall be a President, a Vice President, a Secretary, and a Treasurer.

8.2. **Election of Officers.** Except as set forth below, the election of officers shall be by the Board and shall take place at the first meeting of the Board following each Annual Members Meeting.

8.3. **Term.** The officers named in the Articles shall serve until their replacement by the Board. The officers of Association shall hold office until their successors are appointed or elected unless such officer shall sooner resign, be removed, or otherwise disqualified to serve.

8.4. **Special Appointment.** The Board may elect such other officers as the affairs of Association may require, each of whom shall hold office for such period, have such authority, and perform such duties as the Board may, from time to time, determine.

8.5. **Resignation and Removal.** Any officer may be removed from office, with or without cause, by the Board. Any officer may resign at any time by giving written notice to the Board. Such resignation shall take effect on the date of receipt of such notice or at any later time specified therein. Acceptance of such resignation shall not be necessary to make it effective.

8.6. **Vacancies.** A vacancy in any office shall be filled by appointment by the Board. The officer appointed to such vacancy shall serve for the remainder of the term of the replaced officer.

8.7. **Multiple Offices.** The office of President and Vice-President shall not be held by the same person. All other offices may be held by the same person.

8.8. **Duties.** The duties of the officers are as follows:

8.8.1. **President.** The President shall preside at all meetings of Association and Board, sign all leases, mortgages, deeds and other written instruments and perform such other duties as may be required by the Board. The President shall be a member of the Board.

8.8.2. **Vice President.** The Vice President shall act in the place and stead of the President in the event of the absence, inability or refusal to act of the President, and perform such other duties as may be required by the Board.

8.8.3. **Secretary.** The Secretary shall record the votes and keep the Minutes of all meetings and proceedings of Association and the Board; keep the corporate seal of Association and affix it on all papers required to be sealed; serve notice of meetings of the Board and of Association; keep appropriate current records showing the names of the Members of Association together with their addresses; and perform such other duties as required by the Board.

8.8.4. **Treasurer.** The Treasurer shall cause to be received and deposited in appropriate bank accounts all monies of Association and shall disburse such funds as directed by the Board; sign, or cause to be signed, all checks, and promissory notes of Association; cause to be kept proper books of account and accounting records required pursuant to the provisions of Section 617.303 of the Florida Statutes cause to be prepared in accordance with generally accepted accounting principles all financial reports required by the Florida Statutes; and perform such other duties as required by the Board.

9. Committees.

9.1. General. The Board may appoint such committees as deemed appropriate. The Board may fill any vacancies on all committees.

9.2. ACC. Developer shall have the sole right to appoint the members of the ACC until the Turnover Date. Upon expiration of the right of Developer to appoint members of the ACC, the Board shall appoint the members of the ACC. As provided under the Declaration, Association shall have the authority and standing to seek enforcement in courts of competent jurisdiction any decisions of the ACC.

10. Records. The official records of Association shall be available for inspection by any Member at the principal office of Association. Copies may be purchased, by a Member, at a reasonable cost.

11. Corporate Seal. Association shall have an impression seal in circular form.

12. Amendments.

12.1. General Restrictions on Amendments. Notwithstanding any other provision herein to the contrary, no amendment to these By-Laws shall affect the rights of Developer unless such amendment receives the prior written consent of Developer, which may be withheld for any reason whatsoever. If the prior written approval of any governmental entity or agency having jurisdiction is required by applicable law or governmental regulation for any amendment to these By-Laws, then the prior written consent of such entity or agency must also be obtained. No amendment shall be effective until it is recorded in the Public Records.

12.2. Amendments Prior to the Completion Date. Prior to the Community Completion Date, Developer shall have the right to amend these By-Laws as it deems appropriate, without the joinder or consent of any person or entity whatsoever. Developer's right to amend under this provision is to be construed as broadly as possible. In the event that Association shall desire to amend these By-Laws prior to the Community Completion Date, Association must first obtain Developer's prior written consent to any proposed amendment. Thereafter, an amendment identical to that approved by Developer may be adopted by Association pursuant to the requirements for amendments from and after the Community Completion Date. Thereafter, Developer shall join in such identical amendment so that its consent to the same will be reflected in the Public Records.

12.3. Amendments After the Completion Date. After the Community Completion Date, **but subject to the general restrictions on amendments set forth above**, these By-Laws may be amended with the approval of (i) two-thirds (66 2/3%) of the Board; and (ii) seventy-five percent (75%) of all of the votes in Association. Notwithstanding the foregoing, after the Community Completion Date these By-Laws may be amended to change the number of directors on the Board by two-thirds percent (66 2/3%) of the Board acting alone. Such change shall not require the approval of the Members. Any change in the number of directors shall not take effect until the next Annual Members Meeting.

13. Conflict. In the case of any conflict between the Articles and these By-Laws, the Articles shall control. In the case of any conflict between the Declaration and these By-Laws, the Declaration shall control.

14. Fiscal Year. The first fiscal year shall begin on the date of incorporation and end on December 31 of that year. Thereafter, the fiscal year of Association shall begin on the first day of January and end on the 31st day of December of every year.

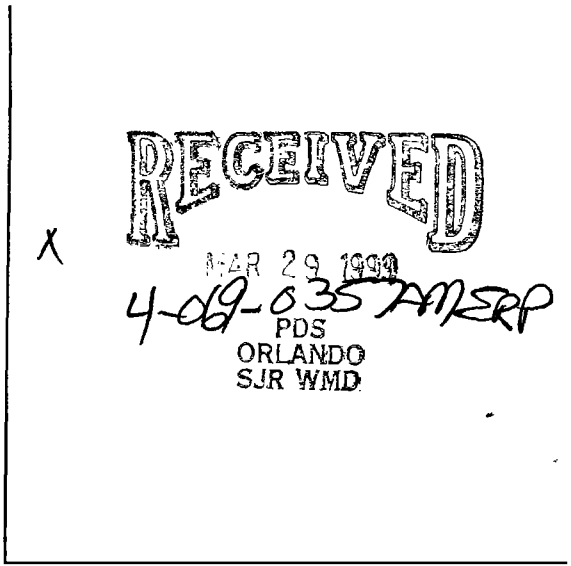
15. Miscellaneous.

15.1. Florida Statutes. Whenever these By-Laws refers to the Florida Statutes, it shall be deemed to refer to the Florida Statutes as they exist on the date these By-Laws are recorded except to the extent provided otherwise as to any particular provision of the Florida Statutes.

15.2. Severability. Invalidation of any of the provisions of these By-Laws by judgment or court order shall in no way affect any other provision, and the remainder of these By-Laws shall remain in full force and effect.

THIS INSTRUMENT PREPARED BY:

PATRICIA KIMBALL FLETCHER, ESQ.
ZACK KOSNITZKY, P.A.
Suite 2800, NationsBank Tower
100 S.E. 2nd Street
Miami, Florida 33131



LEGENDS GOLF AND COUNTRY CLUB COVENANTS
TABLE OF CONTENTS

1 Definitions. 1

2 Benefits of Club. 4

2.1 Term. 4

2.2 Covenant Running with the Land. 4

2.3 Obligation to Reference in Deeds. 4

2.4 Value. 4

2.5 Material Consideration. 4

2.6 Best Interests. 4

2.7 Product Purchased. 4

2.8 Disclosure. 4

2.9 Non-Exclusive License. 4

3 Club Facilities. 4

3.1 Property Comprising the Club. 4

3.2 Construction of Club. 5

3.3 Changes. 5

3.4 Association's Easement 5

4 Persons Entitled to Use the Club. 5

4.1 Rights of Members. 5

4.2 Use by Persons Other than Owners and Tenants. 5

4.3 Subordination. 6

5 Ownership and Control of the Club. 6

5.1 Control of Club By Club Owner. 6

5.2 Transfer of Club to Association. 6

5.2.1 Option of Club Owner. 6

5.2.2 Association's Option to Purchase the Club. 6

5.2.3 Documentation of Transfer. 6

5.3 Transfer of Control. 7

5.3.1 Application for Transfer of Alcoholic Beverage License. 7

5.3.2 Note. 7

5.3.2.1 Form. 7

5.3.2.2 Amount. 7

	5.3.2.3	Terms.	7
	5.3.3	Mortgage.	7
	5.3.4	Nature of Transfer.	7
5.4		Association to Bear Legal Expenses.	8
6		Club Charges.	8
	6.1	Club Fee.	8
	6.2	Taxes.	8
	6.3	Club Operating Costs.	9
	6.4	Owners' Share of Club Operating Costs.	9
	6.5	Perpetual.	9
	6.6	Individual Homes (Condominium Units, Townhomes, Single Family Residences).	9
	6.7	Apartment Buildings.	9
	6.8	Excuse or Postponement.	9
	6.9	Club Owner's Obligation.	9
	6.10	Special Use Fees.	9
	6.11	Commencement of First Charges.	9
	6.12	Time Is of Essence.	9
	6.13	Obligation to Pay Real Estate Taxes and Other Expenses on Parcels.	10
	6.14	Exemption.	10
	6.15	Initial Budget.	10
7		Working Capital Fund.	10
8		Determination of Club Operating Costs.	10
	8.1	Fiscal Year.	10
	8.2	Adoption of Budget.	10
	8.3	Adjustments for If Budget Estimates Incorrect.	10
	8.4	No Right to Withhold Payment.	10
	8.5	Reserves.	10
	8.6	Statement of Account Status.	10
	8.7	Collection.	11
	8.7.1	Association's Collection Responsibilities.	11
	8.7.2	Record Keeping.	11
	8.7.3	Diligence.	11
	8.7.4	Application of Funds.	11
	8.7.5	Association Also Acting As Club Manager.	11
9		Creation of the Lien and Personal Obligation.	11
	9.1	Claim of Lien.	11
	9.2	Right to Designate Collection Agent.	12
	9.3	Subordination of the Lien to Mortgages.	12
	9.4	Acceleration.	12
	9.5	Non-payment.	12
	9.6	Non-Use.	12
	9.7	Suspension.	12
10		Operations.	12
	10.1	Control Prior to Transfer to Association.	12
	10.2	Club Manager.	13
	10.3	Designation of Manager.	13
	10.4	Management by Association.	13

10.5	Association's Duties.	13
	10.5.1 Reports.	13
	10.5.2 Hiring and Supervision.	13
	10.5.3 Compliance.	13
	10.5.4 Contracts.	13
	10.5.5 Purchases.	13
	10.5.6 Covenants Compliance.	14
	10.5.7 Compliance with Laws.	14
	10.5.8 Hazardous Materials.	14
	10.5.9 Mechanic's Lien.	14
	10.5.10 Alterations.	14
	10.5.11 Financial Responsibilities.	14
	10.5.12 Maintenance of Records.	14
	10.5.13 Budget.	14
	10.5.14 Collection.	14
	10.5.15 Special Use Fees.	14
	10.5.16 Rules and Regulations.	15
	10.5.17 Insurance.	15
	10.5.18 Professionals.	15
11	Paramount Right of Association.	15
12	Attorney's Fees.	15
13	Rights to Pay and Receive Reimbursement.	15
14	General Restrictions.	15
	14.1 Minors.	15
	14.2 Responsibility for Personal Property and Persons.	16
	14.3 Cars and Personal Property.	16
	14.4 Activities.	16
	14.5 Property Belonging to the Club.	16
	14.6 Indemnification of Club Owner.	16
	14.7 Attorneys' Fees.	16
	14.8 Unrecorded Rules	16
	14.9 Waiver of Rules and Regulations	16
15	Violation of the Rules and Regulations.	16
	15.1 Basis For Suspension.	16
	15.2 Types of Suspension.	17
16	Destruction.	17
17	Risk of Loss.	17
18	Eminent Domain.	17
	18.1 Complete Taking	17
	18.2 Partial Taking	17
19	Additional Indemnification of Club Owner.	18
20	Defaults.	18

	20.1	Abandonment.	18
	20.2	Failure to Pay.	18
	20.3	Compliance with Declaration and These Covenants.	18
	20.4	Insolvency.	18
21		Remedies.	18
	21.1	Terminate Association's Responsibilities.	19
	21.2	Charge the Association Interest.	19
	21.3	Right to Add Costs to Club Operating Costs.	19
	21.4	Right to Notify Owners.	19
	21.5	Remedies Cumulative.	19
22		Security for Association's Agreements.	19
23		Estoppel.	19
24		No Waiver	19
25		Franchises and Concessions	20
26		Resolution of Disputes	20
27		Venue	20
28		Reliance	20
29		Amendment	20
	29.1	General Restrictions on Amendments	20
	29.2	Amendments Prior to the Transfer of the Club to Association	21
	29.3	Amendments From and After the Transfer of the Club to Association	21
30		Severability	21
31		Notices	21
32		Florida Statutes	21
33		Headings	21

LEGENDS GOLF AND COUNTRY CLUB COVENANTS

LENNAR HOMES, INC., a Florida corporation ("Lennar"), is presently the owner of the real property described on Exhibit A attached hereto and made a part hereof ("Legends Community"). It is the belief of Lennar that the residents of Legends Community will benefit from having a club facility available for their use within Legends Community.

NOW THEREFORE, in consideration of the premises and mutual covenants herein contained, Lennar hereby declares that the real property described in Exhibit A attached hereto and made a part hereof ("Legends Community") shall be subject to the following covenants, restrictions, terms and conditions:

1 **Definitions.** In addition to the terms defined elsewhere herein, the following terms shall have the meanings specified below:

"**Apartment Building**" shall mean any multifamily structure with individual residential apartments which are leased (and not sold) on an individual basis. An Apartment Building does not include a building submitted to condominium ownership.

"**Applicable Rate**" shall mean two percent (2.0%) above the Prime Rate.

"**Assessments**" shall have the meaning set forth in the Declaration.

"**Association**" shall mean the Legends Country Club Community Association, Inc., its successors and assigns.

"**Board**" shall mean the Board of Directors of Association.

"**Budget**" shall have the meaning set forth in Section 8 hereof.

"**Club**" shall mean the Legends Golf and Country Club and the facilities constructed thereon subject to additions and deletions made by Club Owner from time to time. Notwithstanding the foregoing, Club Owner will not change the legal description of the Club (except to correct scrivener's errors) after the Community Completion Date.

"**Club Charges**" shall mean the charges related to the Club to be paid by the Owners pursuant to the provisions of these Covenants and the Declaration, including, without limitation, the Club Fee.

"**Club Facilities**" shall have the meaning set forth in Section 3.1 hereof.

"**Club Fee**" shall mean the fee to be paid to Club Owner by each Owner pursuant to the provisions of Section 6.1 hereof.

"**Club Manager**" shall mean the entity operating and managing the Club, at any time. Club Owner and/or Association may be Club Manager as provided in these Covenants.

"**Club Operating Costs**" shall mean all costs (as such term is used in its broadest sense) of owning (including Club Owner's debt service), operating, managing, maintaining, insuring the Club, including, but not limited to, trash collection, utility charges, maintenance, management fees, reserves, repairs, refurbishments, payroll and payroll costs, insurance, working capital, ad valorem or other taxes (excluding income taxes of Club Owner), assessments, costs, expenses, levies and charges of any nature which may be levied, imposed or assessed against, or in connection with, the Club. By way of example, and not of limitation, Club Operating Costs shall include all legal expenses of the Club Owner and Club Manager with respect to the Club.

"Club Owner" shall mean the owner of the real property comprising the Club. At this time, Lennar is Club Owner. Club Owner may change from time to time (e.g., Lennar may sell the Club).

"Club Property" shall have the meaning set forth in Section 3.1 hereof.

"Club Working Capital Fund" shall have the meaning set forth in Section 7 hereof.

"Common Areas" shall have the meaning set forth in the Declaration.

"Community Completion Date" shall have the meaning set forth in the Declaration.

"Covenants" shall mean these Covenants, together with all amendments and modifications hereto.

"Declaration" shall mean that certain Declaration of Restrictions and Covenants for Legends Golf and Country Club Community, recorded or to be recorded in the Public Records, as such Declaration shall be amended, modified or restated from time to time.

"Deed" shall mean any deed conveying any portion of Legends Community or any interest therein and any other instrument conveying or transferring or assigning the interest of an Owner to another including, without limitation, a deed to a Home, but excluding a mortgage on a Home.

"Default Rate" shall mean the lesser of eighteen percent (18%) or the highest rate permitted by law.

"Developer" shall have the meaning set forth in the Declaration. At this time Developer and Club Owner are the same entity. At a future time, Developer and Club Owner may be different entities (e.g., Lennar may sell the Club).

"Home" shall mean a residential home and appurtenances thereto constructed on a Parcel within Legends Community. A Home shall include, without limitation, a condominium unit, coach home, villa, townhouse unit, single family home and each residential apartment within an Apartment Building. The term Home may not reflect the same division of property as reflected on a Plat. A Home shall be deemed created and have perpetual existence upon the issuance of a final or temporary Certificate of Completion for such residence; provided, however, the subsequent loss of such Certificate of Completion (e.g., by casualty or remodeling) shall not affect the status of a Home, or the obligation of Owner to pay Club Charges with respect to such Home. The term "Home" includes any interest in land, improvements, or other property appurtenant to the Home.

"Immediate Family Members" shall mean the spouse of the Member and all unmarried children twenty-two (22) years and younger of either the Member or the Member's spouse. If a Member is unmarried, the Member may designate one other person who is living with such Member in the Home in addition to children of the Member as an adult Immediate Family Member. No unmarried child or other person shall qualify as an Immediate Family Member unless such person is living with the Member within the Home.

"Legends Community" shall have the meaning set forth in the Declaration. Legends Community presently includes the real property described on Exhibit A.

"Lennar" shall mean Lennar and its successors or assigns. Although not obligated to do so, Lennar may identify its successors or assigns by an amendment to these Covenants.

"Lender" shall mean the holder of a first mortgage encumbering a Parcel or Home.

"Maturity Date" shall mean 26 years from the date the Note is executed.

"Maximum Share" shall have the meaning set forth in Section 6.4 hereof.

"Member" shall mean every Owner (other than an Owner who has leased his Home to Tenant) and Tenant; provided, however, for the purposes of Membership, there shall be only one Tenant per Home. A person shall continue to be a Member until he ceases to be an Owner, or ceases to be a Tenant legally entitled to possession of a rental Home.

"Mortgage" shall have the meaning set forth in Section 5.2.3 hereof.

"Note" shall have the meaning set forth in Section 5.2.3 hereof.

"Option Notice" shall have the meaning set forth in Section 5.2.2 hereof.

"Owner" shall mean the record owner (whether one or more persons or entities) of fee simple title to any Home. The term "Owner" shall not include Developer, Club Owner, or a Lender. A purchaser of a Parcel who thereafter builds one or more Homes upon such Parcel shall be deemed an Owner with respect to each such Home. For example, an Owner of an Apartment Building is an Owner with respect to each Home within such Apartment Building.

"Parcel" shall mean a platted or unplatted lot, tract, unit or other subdivision of real property upon which a Home has been, or will be, constructed. Once improved, the term Parcel shall include all improvements thereon and appurtenances thereto. The term Parcel, as used herein, may include more than one Home.

"Parking Areas" shall mean all areas designated for parking within the Club Facilities.

"Prime Rate" shall mean the prime rate (or base rate) reported in the "Money Rates" column or section of The Wall Street Journal published on the second Business Day of the month preceding the month in which a payment of interest and/or principal is due under the Note, as having been the rate in effect for corporate loans at large U.S. money center commercial banks (whether or not such rate has actually been charged by any such bank) as of the first calendar day of such month for which such rate is published. In the event The Wall Street Journal ceases publication of the prime rate, then "Prime Rate" shall mean the prime rate (or base rate) announced by Citibank, N.A., New York, New York (whether or not such rate has actually been charged by such bank) in effect on the first calendar day of such month. In the event such bank discontinues the practice of announcing the "prime rate", the term "Prime Rate" shall mean the highest rate charged by such bank on the first calendar day of such month on short-term, unsecured loans to its most creditworthy large corporate borrowers. In the event The Wall Street Journal (1) publishes more than one "Prime Rate", the higher or highest of such rates shall apply, or (2) publishes a retraction or correction of such rate, the rate reported in such retraction or correction shall apply.

"Public Records" shall mean the Public Records of Lake County, Florida.

"Purchase Option" shall have the meaning set forth in Section 5.2.2 hereof.

"Rules and Regulations" shall have the meaning set forth in Section 14.8 hereof.

"Special Use Fees" shall have the meaning set forth in Section 6.10 hereof.

"Tenant" shall mean the lessee named in any written lease respecting a Home who is legally entitled to possession of any rental Home within Legends Community. If a lease names more than one person as lessee, such lessees shall designate one of themselves as a Tenant for Membership purposes.

"Title Documents" shall have the meaning set forth in the Declaration.

All other initially capitalized terms not defined herein, shall have the meanings set forth in the Declaration.

2 Benefits of Club. Association and each Owner, by acceptance of title to a Home, ratify and confirm these Covenants and agree as follows:

2.1 Term. These Covenants shall be covenants running with Legends Community in perpetuity.

2.2 Covenant Running with the Land. Every Parcel of land which is part of Legends Community and which shall be improved with a Home shall be burdened with the payment of Club Charges. These Covenants, including, without limitation, the obligation to pay Club Charges, shall run with the land. Every Owner, by acceptance of a Deed, shall automatically assume and agree to pay all Club Charges which shall be due and payable as of the date of such Deed and which shall become due and payable thereafter on account of the membership in the Club pertaining to the property belonging to the Owner while such Owner remains an Owner.

2.3 Obligation to Reference in Deeds. The grantor of any portion of Legends Community hereby agrees to include in any Deed a statement that such Deed is subject to the terms of these Covenants.

2.4 Value. The grantee of any portion of Legends Community, by acceptance of a Deed for such portion of Legends Community, hereby joins in the execution of these Covenants for the purpose of binding himself, his successors in title and assigns to the provisions hereof and expressly acknowledges that the automatic membership in the Club granted to Owners and Tenants renders ownership of Legends Community and any part thereof more valuable than it would be otherwise.

2.5 Material Consideration. All persons who shall become Owners of any portion of Legends Community acknowledge that the provisions and enforceability of these Covenants were a material consideration in the initial conveyance by Developer of such real property to the Owner (or his predecessor in title) and that Developer would not have made such conveyance had these covenants not been included and enforceable as provided for herein.

2.6 Best Interests. It is in the best interest of each Owner, for Legends Community as a whole, and for property values therein, to provide for the Club to be located within Legends Community.

2.7 Product Purchased. There were significant other housing opportunities available to each Owner in the general location of Legends Community. The Home, and rights to utilize the Club, were material in each Owner's decision to purchase a Home in Legends Community and were, for the purposes of these Covenants, a "single product." Each Owner understands that the Club is an integral part of the Legends Community.

2.8 Disclosure. Full disclosure of the nature of the Club and obligations associated therewith was made to each Owner prior to that Owner executing a contract to purchase a Home and each Owner has, or was afforded the opportunity to, consult with an attorney.

2.9 Non-Exclusive License. The provisions of these Covenants do not grant any ownership rights in the Club in favor of Association or Members but, rather, grant a non-exclusive license to use the Club subject to full compliance with all obligations imposed by these Covenants.

3 Club Facilities.

3.1 Property Comprising the Club. Club Owner presently owns all of the real property comprising Legends Community. Club Owner intends to construct certain club facilities within the real property comprising Legends Community (the "Club Facilities") which will be and shall remain the property of Club Owner, subject only to the provisions hereof. The real property comprising the Club (the "Club Property") shall be identified by Club Owner either by plat or by a recorded amendment to these Covenants.

3.2 Construction of Club. Club Owner will construct the Club Facilities at its sole cost and expense. The Club Facilities are contemplated to consist of a health/fitness facility and related amenities together with such equipment and personalty as Club Owner determines in its sole discretion. Club Owner shall be the sole judge as to the plans, design, location, completion, schedule, materials, equipment, size, and contents of the Club Facilities. Club Owner shall have the right to: (i) develop and construct the Club and related improvements within Legends Community, and make any additions, alterations, improvements, or changes thereto; (ii) maintain customary sales offices (for sales and resales of Homes), general offices, and construction operations on the Club Property including, without limitation, displays, counters, meeting rooms, and facilities for the sales and re-sales of Homes; (iii) place, erect, and/or construct portable, temporary, or accessory buildings or structures upon the Club Property for sales, construction storage, or other purposes; (iv) temporarily deposit, dump or accumulate materials, trash, refuse and rubbish on the Club Property in connection with the development or construction of any of the Club or any improvements located within Legends Community; (v) post, display, inscribe or affix to the exterior of the Club and the Club Property, signs and other materials used in developing, constructing, selling, or promoting the sale of portions of Legends Community, including, without limitation, the sale of Parcels and Homes subject only to the Title Documents; (vi) excavate fill from any lakes or waterways within and/or contiguous to the Club by dredge or dragline, store fill within the Club Property, and remove and/or sell excess fill; and grow or store plants and trees within, or contiguous to, the Club Property and use and/or sell excess plants and trees; and (vii) undertake all activities which, in the sole opinion of Club Owner, are necessary for the development and sale of the Club or any lands or improvements therein.

3.3 Changes. Club Owner reserves the absolute right to, from time to time, alter or change the Club, including construction of additional Club Facilities and/or the removal or modification thereof.

3.4. Association's Easement. An easement is hereby created in favor of the Association over, under, above, through, and upon the portions of the Club Property which contain a portion of the Surface Water Management System (as defined in the Declaration) for the purpose of operating, maintaining, and repairing the Surface Water Management System in accordance with the Permit (as defined in the Declaration).

4 Persons Entitled to Use the Club.

4.1 Rights of Members. Each Member and his Immediate Family Members shall have such non-exclusive rights and privileges as shall from time to time be granted by Club Owner but these rights and privileges shall always include the following:

- a. use of all bars and dining rooms within the Club upon the payment of the established fees and costs thereof;
- b. use of the fitness center and swimming pools;
- c. the right to participate in and attend all social events for Members upon the payment of the established fees and costs thereof, if any.

If a Home is owned by a corporation, trust or other legal entity, or is owned by more than one family, then the Owner(s) collectively shall designate the person who will be the Member of the Club with respect to such Home.

4.2 Use by Persons Other than Owners and Tenants. Club Owner has the right at any and all times, and from time to time, to make the Club available to individuals, persons, firms or corporations other than Members, as it deems appropriate. Club Owner shall establish the fees to be paid by any person using the Club who is not a Member. The granting of such rights shall not invalidate these Covenants, reduce or abate any Owner's obligations to pay Club Charges pursuant to these Covenants, or give any Owner the right to avoid any of these Covenants. Each Owner acknowledges that Club Owner may offer membership in the Club to persons owning and/or leasing the property which is encumbered by the Title Documents but not subject to the Declaration. By way of example,

Club Owner may allow Association and/or other Legends Community homeowners and/or condominium associations to use office space comprising part of the Club facilities. Such use is at the sole discretion of Club Owner and may be terminated at any time.

4.3 Subordination. These Covenants and the rights of Members to use the Club is and shall be subject and subordinate to: (a) any ground lease, mortgage, deed of trust or other encumbrance and any renewals, modifications and extensions thereof, now or hereafter placed on the Club by Club Owner; and (b) easements, restrictions, limitations, conditions of record, the Title Documents and other conditions of governmental authorities. This provision shall be self-operative. Association, in its own name and, as agent for all Owners, shall sign any documents confirming the subordination provided herein promptly upon request of Club Owner.

5 Ownership and Control of the Club.

5.1 Control of Club By Club Owner. The Club shall be under the complete supervision and control of Club Owner until such time as Club Owner either appoints Association as Club Manager or Club Owner transfers the Club to Association.

5.2 Transfer of Club to Association.

5.2.1 Option of Club Owner. In Club Owner's sole discretion, Club Owner shall have the option to transfer to the Club to Association so that it will be under the complete control of the Owners.

5.2.2 Association's Option to Purchase the Club. On or after the Community Completion Date, Association shall have the option to purchase the Club from Club Owner (the "Purchase Option"). This Purchase Option may be exercised by a decision of the majority of the Board of Association, without the joinder of any Owner or any other person. Such Purchase Option shall be exercised by written notice (the "Option Notice") to Club Owner signed by a majority of the Board, which Option Notice shall be delivered by professional overnight courier to Club Owner at the following address (or such other address as may be designated by Club Owner from time to time by amendment to these Covenants):

Lennar Homes, Inc.
1110 Douglas Ave., #2040
Altamonte Springs, Florida 32714
Attention: Regional President-- Central Florida Region

with copy to: Lennar Homes, Inc.
1900 Kings Ridge Blvd.
Clermont, Florida 34711
Attention: Division President

The Option Notice shall be irrevocable once signed by a majority of the Board. Club Owner shall convey the Club to Association within sixty (60) days' of Club Owner's receipt of the Option Notice.

5.2.3 Documentation of Transfer. At the time that the Club is transferred to Association, Club Owner shall be obligated to deliver the following: a special warranty deed for the real property comprising the Club, a special bill of sale respecting the personal property comprising the Club, an assignment of any alcoholic beverage license used in connection with the Club (subject to all state requirements for such transfer), an owner's title insurance policy respecting the Club, and all affidavits and other documents required by the title insurance company to effect the transfer of the Club. At the time of the transfer of the Club to Association, the Owners will no longer be obligated to pay the Club Fees, however, Association shall be obligated to execute and deliver to Club Owner a purchase money note in the amount hereinafter provided (the "Note") a purchase money mortgage (the "Mortgage"),

and a Security Agreement and UCC Financing Statements (state and local) and each Owner shall be obligated to pay his pro rata share of the principal, interest and other amounts due in connection with such Note and Mortgage. The payments due pursuant to the Note and Mortgage shall be deemed part of the Operating Costs of Association, and part of the Assessments payable by the Owners.

5.3 Transfer of Control. Prior to or upon transfer of the Club to Association, Association shall comply with the following:

5.3.1 Application for Transfer of Alcoholic Beverage License. Association shall execute all forms necessary for transfer of the alcoholic beverage license used in connection with the Club (if any).

5.3.2 Note.

5.3.2.1 Form. Association shall execute the Note. The Note shall be in the form used for commercial transactions of comparable size as determined by Club Owner in its sole and absolute discretion.

5.3.2.2 Amount. The amount of the Note shall be the sum of the following: (I) the amount resulting from the application of the capitalization rate of ten percent (10%) applied to the total annual Club Fees payable by all Owners on the date that the Note is executed; *plus* (ii) all of the costs to effect the transfer, including, without limitation, the cost of the owner's title insurance policy, all documentary stamp taxes and surtaxes, and the costs of preparing all of the closing documents, *plus* (iii) all amounts charged by the State of Florida in connection with the transfer of the alcoholic beverage license.

5.3.2.3 Terms. From and after the date of the Note, Association shall pay to Club Owner monthly in arrears on the first day of each and every calendar month interest on the principal sum outstanding under the Note at the Applicable Rate, unless the Default Rate shall be applicable. In addition, Association shall pay a portion of the principal sum secured by the Note that will amortize the entire principal sum over the term of the loan, with the final payment of principal, and all accrued and unpaid interest, due on the Maturity Date. Association shall pay Club Owner a late charge of five percent (5%) of any periodic interest payment not received by Club Owner within ten (10) days after the installment is due. This late charge is to cover Club Owner's administrative costs in processing each late payment. During the period of any default under the terms of the Note, the Mortgage, or any other document securing the Note, the Default Rate shall be applicable to the entire indebtedness then outstanding under the Note. The Note may be prepaid in full or in part at any time without notice, premium, or penalty. All payments received by Club Owner, including any partial payments permitted hereunder, shall be applied as follows: first, to the payment of fees and other charges then due or payable hereunder or under the Mortgage or other documents securing the Note; second, to any late payment charges which remain unpaid; third, to the payment of interest; fourth, to accrued and unpaid interest; and fifth, to the reduction of the outstanding principal balance.

5.3.3 Mortgage. Association shall execute the Mortgage. The Mortgage shall be in the form used for commercial transactions of comparable size as determined by Club Owner in its sole and absolute discretion. It shall require that Association (I) escrow tax and insurance payments on a monthly basis with Club Owner in a non-interest bearing account; (ii) provide Club Owner with monthly and annual operating statements, annual financial statements, and other financial information (e.g., the Budget); (iii) maintain the Club in a first class condition; (iv) insure the Club for full replacement value; and (v) provide rental insurance and liability insurance in such amounts necessary to fully protect the mortgagee under the Mortgage.

5.3.4 Nature of Transfer. The conveyance shall be subject to easements, restrictions, reservations, conditions, limitations and declarations of record, real estate taxes for the year of conveyance, zoning, land use regulations and survey matters. Association shall be deemed to have assumed and agreed to pay all continuing obligations and service and similar contracts relating to the ownership, operation, maintenance and administration of the Club. Association shall, and does hereby, indemnify and hold Club Owner harmless on account thereof. Association shall be obligated to accept such conveyance without setoff, condition, or qualification of any

nature. The Club, personal property and equipment thereon and appurtenances thereto shall be conveyed in "as is, where is" condition WITHOUT ANY REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, IN FACT OR BY LAW, AS TO THE CONDITION, FITNESS OR MERCHANTABILITY OF BEING CONVEYED.

5.4 Association to Bear Legal Expenses. In the event that there is any ambiguity or question regarding the provisions of these Covenants, Club Owner's determination of such matter shall be conclusive and binding. Therefore, and in order to ensure that the Owners and Association abide by Club Owner's determination, in the event that there is any dispute respecting the interpretation of these Covenants, the Purchase Option, the Mortgage, the Note, or any other aspect of the transfer of the Club to Association, Association shall bear all legal expenses of both Association and Club Owner including, without limitation, all attorney's fees, paraprofessional fees and costs at trial and upon appeal, regardless of the outcome of such proceedings.

7.5. Early Offer to Purchase by Association. If Association wishes to exercise the Purchase Option prior to the Community Completion Date, based upon a decision of the majority of the Board of the Association, the Board shall give notice to Club Owner in the manner specified in Section 7.2.2. above without the joinder or approval of any Owner or any other person, and within thirty (30) days of receipt thereof, Club Owner will inform the Board of the price which is acceptable to Club Owner as of the date of such notice, which price shall be set in Club Owner's sole discretion and may be different from the amount set forth in Section 7.3.2.2 above. If such price is acceptable to the Board, or if Club Owner and the Board negotiate a mutually acceptable price, which a majority of the Board of the Association agrees to, the transfer of the Club and payment therefor shall proceed as otherwise provided in this Section 7 without the joinder or approval of any Owner or any other person.

6 Club Charges. In consideration of the construction and providing for use of the Club by the Owners, each Owner by acceptance of a deed to a Home shall be deemed to have specifically covenanted and agreed to pay all Club Costs which are set forth herein:

6.1 Club Fee. Each Owner of any Home within Legends Community shall pay in advance, without setoff or deduction, to Club Owner, or its designee, the sum (the "Club Fee") of:

- \$20 Dollars per month until December 31, 1999;
- \$24 Dollars per month from January 1, 2000 until December 31, 2000;
- \$25 Dollars per month from January 1, 2001 until December 31, 2001;
- \$28 Dollars per month from January 1, 2002 until December 31, 2002;
- \$29 Dollars per month from January 1, 2003 until December 31, 2003;
- \$30 Dollars per month from January 1, 2004 until December 31, 2004;
- \$33 Dollars per month from January 1, 2005 until December 31, 2005;
- \$34 Dollars per month from January 1, 2006 until December 31, 2006;
- \$40 Dollars per month from January 1, 2007 until December 31, 2007;
- \$41 Dollars per month from January 1, 2008 until December 31, 2008;
- \$42 Dollars per month from January 1, 2009 until December 31, 2009;
- \$43 Dollars per month from January 1, 2010 until December 31, 2010;
- \$44 Dollars per month from January 1, 2011 until December 31, 2011;
- \$50 Dollars per month from January 1, 2012 until December 31, 2012.

Each year thereafter the monthly Club Fee shall increase by Two Dollars (\$2.00). No Club Fee shall be payable at such time, if ever, as Association becomes Club Owner.

6.2 Taxes. In addition to the Club Fee, the Owner's prorata share of Club Operating Costs, and Club Charges, each Owner shall pay all applicable sales, use or similar taxes now or thereafter imposed on the Club Fee, Club Operating Costs and Club Charges.

6.3 Club Operating Costs. In addition to the Club Fee and taxes above, each Owner agrees and covenants to pay and discharge, in a timely fashion when due, its pro rata portion (as hereinafter set forth) of the Club Operating Costs. The Owners shall collectively bear all expenses associated with the Club so that Club Owner shall receive the Club Fees without deduction of expenses or charges in respect of the Club.

6.4 Owners' Share of Club Operating Costs. In addition to the Club Fee, Club Operating Costs shall be allocated so that each Owner shall pay his pro rata portion of the Club Operating Costs based upon a fraction, the numerator of which is the number one (1) and the denominator of which is the number of Homes within Legends Community conveyed to Owners or any greater number determined by Club Owner from time to time. Club Owner may change such denominator in its sole and absolute discretion.

6.5 Perpetual. Each Owner's obligation to pay Club Charges shall be perpetual regardless of whether such Home is occupied, renovated, replaced, rebuilt or leased.

6.6 Individual Homes (Condominium Units, Townhomes, Single Family Residences). Owners of individual Homes (whether a single family structure or part of a condominium building) shall pay Club Charges for one membership per month per Home. If an Owner owns more than one Home, Club Charges are payable for each and every Home owned by such Owner.

6.7 Apartment Buildings. Owners of Apartment Buildings shall pay Club Charges for one membership per Home contained in such Apartment Building per month.

6.8 Excuse or Postponement. Any person or entity developing Homes within Legends Community may be excused by Club Owner, in its sole and absolute discretion, from the payment of Club Charges until such time as the Home(s) built by such person or entity for sale or rental shall first be sold or rented. Club Owner shall have the right, but not the obligation, to excuse Owners of Apartment Buildings from the payment of Club Charges with respect to vacant Homes within such Apartment Buildings.

6.9 Club Owner's Obligation. Under no circumstances shall Club Owner be required to pay Club Charges. Club Owner shall have the option to pay the difference in the amount collected from all Owners and the actual amount of Operating Costs.

6.10 Special Use Fees. Club Owner shall have the right to establish from time to time, by resolution, rule or regulation, or by delegation to the Club Manager, specific charges, service and/or use fees ("Special Use Fees"), for which one or more Owners (but less than all Owners) are subject, such as, costs of special services or facilities provided to a Owner relating to the special use of the Club. Special use Fees shall be payable at such time or time(s) as determined by Club Owner.

6.11 Commencement of First Charges. The obligation to pay Club Charges, including, without limitation, the Club Fee, shall commence as to each Owner, on the day of the conveyance of title of a Home to a Owner; provided, however, Owners of Apartment Buildings shall be obligated to pay Club Charges for each Home within the Apartment Building immediately upon issuance of a temporary or permanent Certificate of Completion for such Homes within the Apartment Building. Notwithstanding the foregoing, no Owner shall be obligated to pay Club Charges until the first day of the calendar month following the issuance of a Certificate of Completion for the clubhouse comprising the Club Facilities.

6.12 Time Is of Essence. Faithful payment of the sums due, and performance of the other obligations hereunder, at the times stated, shall be of the essence. Should the Club Charges, or any other sums due or provided for in these Covenants at any time remain due and unpaid for a period of five (5) days after same shall become due or should the Owner or Association not perform its obligations hereunder, the Owner or Association, as the case may be, shall be in default hereunder.

6.13 Obligation to Pay Real Estate Taxes and Other Expenses on Parcels. Each Owner shall pay all taxes and obligations relating to its Parcel which if not paid, could become a lien against the Parcel which is superior to the lien for Club Facilities Charges created by these Covenants.

6.14 Exemption. Notwithstanding anything to the contrary herein, neither Developer nor Club Owner nor any Parcel or property within Legends Community owned by Developer or Club Owner shall be responsible for any portion of the Club Charges, nor subject to any lien for Club Charges.

6.15 Initial Budget. The initial budget prepared by Club Owner is not based on historical operating figures. Therefore it is likely that the actual budget for the Club may be different once historical figures are known.

7 Working Capital Fund. Club Owner intends to establish a working capital fund (the "Club Working Capital Fund") for the operation of the Club. There shall be collected from each Owner at the time of conveyance of a Home an amount equal to the sums determined to be due from that Owner for two months of Club Charges. Each Owner's share of the working capital fund shall be transferred to Club Owner at that time. The purpose of this fund is to assure that Club Owner will have cash available to meet its obligations, unforeseen expenditures, or to acquire additional property, equipment or services deemed necessary or desirable. Amounts paid into the fund are not to be considered as advance payment of Club Charges. Club Owner shall be entitled to keep such funds, and shall not be required to account for the same. The Club Working Capital Funds may be used and applied by Club Owner as it deems necessary in its sole and absolute discretion including, without limitation, to reduce Club Operating Costs. Notwithstanding anything herein to the contrary, Club Owner shall have the option to waive contributions to the Club Working Capital Fund in its sole and absolute discretion. Club Owner shall determine when, if ever, an Owner of an Apartment Building shall contribute to the Club Working Capital Fund and the amount of any contribution due from the Owner of an Apartment Building, if any (which may be significantly less than that required of other Owners).

8 Determination of Club Operating Costs.

8.1 Fiscal Year. The fiscal year for the Club shall be the calendar year.

8.2 Adoption of Budget. Club Charges shall be established by the adoption of a projected operating budget (the "Budget"). Written notice of the amount and date of commencement thereof shall be given to each Owner of not less than ten (10) days in advance of the due date of the first installment thereof. Club Charges shall, unless otherwise specified by Club Owner, be payable, in advance, at such time as Association collects regular Assessments from the Owners.

8.3 Adjustments for If Budget Estimates Incorrect. In the event the estimate of Club Operating Costs for the year is, after the actual Club Operating Costs for that period is known, more or less than the actual Club Operating Costs, then the difference shall, at the election of Club Owner: (i) be added or subtracted, as the case may be, to the calculation for the next ensuing year; (ii) be immediately collected from the Owners by virtue of a special bill, or (iii) the remaining monthly Club Charges shall be adjusted to reflect such deficit or surplus.

8.4 No Right to Withhold Payment. Each Owner agrees that so long as such Owner does not pay more than the required amount of Club Charges, such Owner shall have no grounds upon which to object to either the method of payment or non-payment by other Owners of any sums due.

8.5 Reserves. The Budget may, at the election of Club Owner, establish and maintain one or more reserve funds for the periodic maintenance, repair and replacement of improvements to the Club Facilities.

8.6 Statement of Account Status. Club Owner shall prepare and maintain a ledger noting charges due from, and payments by, each Owner. The ledger shall be kept in the office of Club Owner and shall be open to

inspection by any Owner. Upon demand, there shall be furnished to a Owner a certificate in writing setting forth whether the Club Charges have been paid and/or the amount which is due as of any date. As parties (other than Owners) who, without knowledge of error, rely on the certificate, the certificate shall be conclusive evidence of the amount of any charges therein stated.

8.7 Collection.

8.7.1 Association's Collection Responsibilities. Association has agreed (as evidenced by its joinder in these Covenants) to collect the Club Charges, Special Use Fees, and any other amounts due to Club Owner at the same time it collects Assessments from the Owners. Upon collection, Association shall be deemed to hold the same in trust for Club Owner and for the payments required hereby, and shall immediately forward all amounts due to Club Owner, together with a record of which Owners did, and did not pay.

8.7.2 Record Keeping. Club Owner shall have the right to require that Association use special computer software or accounting practices in connection with Association's record keeping responsibilities respecting Club Charges, Special Use Fees, and other amounts due to Club Owner. By way of example, Club Owner may require information on computer disk prepared using a specific type of software.

8.7.3 Diligence. Association shall diligently enforce collection of all delinquencies including enforcement of all liens in the name of Club Owner.

8.7.4 Application of Funds. Notwithstanding anything to the contrary contained in the Declaration, by its joinder in these Covenants, Association agrees that in the event that Association collects funds from a particular Owner for any month (whether or not those funds are designated as payment of Club Charges or Assessments), those funds shall be first allocated to the payment of Club Fees, then to the payment of Club Operating Costs, then to the payment of Special Use Fees and other amounts due to Club Owner, and then to the payment of Assessments for Association purposes. Notwithstanding the foregoing, if such Owner thereafter makes additional payment to Association, such additional payments shall be applied to bring all Club Charges and Assessments for the first month of delinquency current before funds are applied to the next month's Club Charges.

8.7.5 Association Also Acting As Club Manager. During any period that Association is operating the Club as Club Manager pursuant to these Club Covenants, then Association is granted the conditional license to retain those portions of the Club Charges other than the Club Fee for the strict purpose of paying the Club Operating Costs.

9 Creation of the Lien and Personal Obligation.

9.1 Claim of Lien. Each Owner, by acceptance of a Deed or instrument of conveyance for the acquisition of title to a Home, shall be deemed to have covenanted and agreed that the Club Charges, Special Use Fees, and other amounts Club Owner permits an Owner to put on a charge account, if any, including, without limitation, the Club Fee, together with interest, late fees, costs and reasonable attorneys' and paraprofessional fees at all levels of proceedings including appeals, collection and bankruptcy, shall be a charge and continuing lien in favor of Club Owner encumbering each Home and all personal property located thereon owned by the Owner. The lien is effective from and after recording a Claim of Lien in the Public Records stating the description of the Home, name of the Owner, and the amounts due as of that date, but shall relate back to the date these Covenants are recorded. The Claim of Lien shall also cover any additional amounts which accrue thereafter until satisfied. All unpaid Club Charges, Special Use Fees, and other amounts Club Owner permits an Owner to put on a charge account, if any, together with interest, late fees, costs and reasonable attorneys' and paraprofessional fees at all levels including appeals, collections and bankruptcy, and other costs and expenses provided for herein, shall be the personal obligation of the person who was the Owner of the Home at the time when the charge or fee became due, as well as the Owner's heirs, devisees, personal representatives, successors or assigns. If a Home is leased, the Owner shall be liable hereunder notwithstanding any provision in his lease to the contrary. Such lien may be enforced by

Association or enforced by Club Owner, however, the claim of Club Owner for Club Fees is paramount to all claims of Association. Further, the lien created by this Section is superior to the lien of Association for Assessments.

9.2 Right to Designate Collection Agent. Club Owner may notify Association at any time in writing that it no longer wishes to have Association collect the Club Operating Costs, Special Use Fees, and/or the Club Fees. In such event, Club Owner shall collect the Club Operating Costs, Special Use Fees, and/or Club Fees. At any time thereafter, Club Owner may direct Association to again collect such Club Operating Costs, Special Use Fees, and/or Club Fees. Club Owner's right to designate who shall collect Club Operating Costs, Special Use Fees, and/or Club Fees shall be perpetual.

9.3 Subordination of the Lien to Mortgages. The lien for Club Charges, Special Use Fees, and related fees and expenses shall be subordinate to bona fide first mortgages on any Home, if the mortgage is recorded in the Public Records prior to the Claim of Lien. The Club Claim of Lien shall not be affected by any sale or transfer of a Home, except in the event of a sale or transfer of a Home pursuant to a foreclosure (or deed in lieu of foreclosure) of a bona fide first mortgage, in which event, the acquirer of title, its successors and assigns, shall not be liable for such sums secured by a Claim of Lien encumbering the Home or chargeable to the former Owner of the Home which became due prior to such sale or transfer. However, any such unpaid fees or charges for which such acquirer of title is not liable may be reallocated and assessed to all Owners (including such acquirer of title) as a part of the Club Operating Costs. Any sale or transfer pursuant to a foreclosure shall not relieve the Owner from liability for, nor the Home from the lien of, any fees or charges made thereafter. Nothing herein contained shall be construed as releasing the party liable for any delinquent fees or charges from the payment thereof, or the enforcement of collection by means other than foreclosure.

9.4 Acceleration. In the event of a default in the payment of any Club Charges and related fees and expenses, Club Owner may accelerate the Club Charges then due for up to the next ensuing twelve (12) month period.

9.5 Non-payment. If any Club Charges are not paid within fifteen (15) days after the due date, a late fee of \$25.00 per month, or such greater amount established by Club Owner, together with interest in an amount equal to the maximum rate allowable by law, per annum, beginning from the due date until paid in full, may be levied. Club Owner may, at any time thereafter, bring an action at law against the Owner personally obligated to pay the same, and/or foreclose the lien against the Home, or both. Club Owner shall not be required to bring such an action if it believes that the best interests of the Club would not be served by doing so. There shall be added to the Claim of Lien all costs expended in preserving the priority of the lien and all costs and expenses of collection, including attorneys' fees and paraprofessional fees, at all levels of proceedings, including appeals, collection and bankruptcy.

9.6 Non-Use. No Owner may waive or otherwise escape liability for fees and charges provided for herein by non-use of, or the waiver of the right to use, Club or abandonment of a Home.

9.7 Suspension. Should a Owner not pay sums required hereunder, or otherwise default, for a period of forty-five (45) days, Club Owner may, without reducing or terminating Owner's obligations hereunder, suspend Owner's (or in the event the Home is leased, the Tenant's) rights to use the Club until all fees and charges are paid current and/or the default is cured.

10 Operations.

10.1 Control Prior to Transfer to Association. Prior to the transfer of the Club to Association, the Club shall be under the complete supervision and control of Club Owner until Club Owner, in its sole and absolute discretion, delegates the right and duty to operate, manage and maintain the Club to Association as Club Manager as hereinafter provided.

10.2 Club Manager. At any time, Club Owner may appoint a Club Manager to act as its agent. In the event that Association becomes Club Owner, Association shall still have the right to appoint a Club Manager. The Club Manager shall have whatever rights hereunder as are assigned in writing to it by Club Owner. Without limiting the foregoing, the Club Manager, if so agreed by Club Owner, may file liens for unpaid Club Charges against Homes, may enforce the Rules and Regulations of the Club, and prepare the Budget for the Club.

10.3 Designation of Manager. Club Owner shall have the right, but not the obligation, in its sole discretion, to: (i) appoint Association as the Club Manager; and (ii) relinquish and/or assign to Association some or all of the rights reserved to Club Owner herein. Association shall be obligated to accept such designation and/or assignment and fulfill the obligations relating thereto without any compensation whatsoever.

10.4 Management by Association. At any time, and from time to time, Club Owner may notify Association that Association shall act as the Club Manager or assume some of the responsibilities of Club Owner (e.g., landscape maintenance). In such event, Club Owner shall provide Association with a specific written list of all of Association's obligations as Club Manager. Thereafter, Association shall have the right and obligation to operate, manage, insure and maintain the Club strictly in accordance with the provisions of these Covenants and the specific written directions of Club Owner. Association shall be obligated to accept such appointment without conditions or claim. During the time that Association is the Club Manager, Association shall have all powers and duties of Club Owner assigned by Club Owner in such written directions. No surrender of operation and management of the Club by Association shall be valid unless accepted by Club Owner in writing.

10.5 Association's Duties. Association covenants throughout the term of these Covenants, and any renewals or extensions hereof, at the sole cost and expense of the Owners, to operate, manage, insure, maintain and take good care of the real property comprising the Club and landscaping and buildings and improvements now or at any time erected thereon and all apparatus, fixtures and building service equipment used or procured for use in connection with the operation of the Club, and to repair and maintain them in a first class condition, reasonable wear and tear excepted, to the extent that it is requested to do so in writing by Club Owner. At the request of Club Owner, Association also covenants to keep the same in good order and condition, excepting reasonable wear and tear, and promptly make all necessary repairs, both to the interior and exterior thereto, including replacements or renewals when necessary, and all such repairs, replacements and renewals shall be at least equal in quality and class to the original work. In connection therewith, as and when requested by Club Owner, Association shall have, by way of illustration and not limitation, the following powers, obligations, and duties:

10.5.1 Reports. Association shall prepare monthly and annual reports detailing costs and expenses of the Club in the accounting format required by Club Owner. Such reports shall be accompanied by any back-up invoices and documentation required by Club Owner, and shall include year to date totals if and to the extent required by Club Owner.

10.5.2 Hiring and Supervision. Association shall cause to be hired, paid and supervised, and/or discharged, all necessary persons, firms or corporations. Association shall maintain all required worker's compensation insurance.

10.5.3 Compliance. Association shall take such action as may be necessary to comply with all statutes, ordinances, rules and regulations of all appropriate governmental and quasi-governmental authority and the rules and regulations of the National Board of Fire Underwriters, or in the event it shall terminate its present functions, those of any other body exercising similar functions.

10.5.4 Contracts. Association shall enter into contracts for all services necessary for the operation, maintenance, insurance, upkeep, repair, refurbishment, replacement and preservation of the Club.

10.5.5 Purchases. Association shall purchase equipment, tools, vehicles, appliances, goods, supplies and materials as may be necessary.

10.5.6 Covenants Compliance. Association shall cause to be placed and kept in force and perform all obligations relating to all insurance required by the terms of these Covenants.

10.5.7 Compliance with Laws. The Club shall be operated, maintained, and repaired so as to comply with, and suffer no default under, all applicable laws, the Title Documents, ordinances, rules, regulations, insurance policies and/or guidelines, mortgages and/or encumbrances, relating to the Club or the use thereof now or hereafter in effect.

10.5.8 Hazardous Materials. Association: (a) shall not permit any activity to be conducted in, on or about the Club which would have the effect of polluting or in any way cause the Club to be detrimentally affected by pollutants (including elevated radon levels), toxic materials, petroleum oil and/or waste oil, or any "hazardous substance or waste". The Club shall not be used for the handling, storage, treatment, generation, transportation or disposal of pollutants, toxic materials, petroleum oil and/or waste oil, any hazardous substance or any hazardous waste, including, but not limited to, solid, liquid, gaseous or thermal irritant or contaminant, such as smoke, vapor, soot, fumes, acids, alkalis, chemicals or waste (including materials to be recycled, reconditioned or reclaimed); (b) shall not install, use or dispose of, on or incorporate into, the Club any asbestos or asbestos containing material; © except for tanks installed by Club Owner, shall not locate or remove or fill any underground storage tanks on the Club; (d) shall at all times be in compliance with all applicable federal, state, county and local statutes, laws and regulations concerning or related to environmental protection and regulation.

10.5.9 Mechanic's Lien. Association shall not subject the Club to, or permit the Club to be subject to, any lien, charge, cost or expense including, but not limited to, a mechanic's lien as contemplated by the Mechanic's Lien Law of the State of Florida. Should any lien or claim of lien be filed, or should any suit or other judicial or quasi-judicial proceeding be instituted for which Club Owner or the Club may be encumbered, liable or accountable, then in that event Association shall be in default of these Covenants, unless within ten (10) days thereafter, Association shall furnish a bond, transferring the Lien to bond, in compliance with law.

10.5.10 Alterations. In the event that Association is Club Manager, Association will not make any alterations or changes in the Club without the prior written consent of Club Owner, which may be withheld or denied in Club Owner's sole discretion for any reason whatsoever.

10.5.11 Financial Responsibilities. Association shall maintain financial record books, accounts and other records as concerns the Club, issue certificates of account to Owners, their mortgagees and lienors, as required, without liability for errors unless as a result of gross negligence.

10.5.12 Maintenance of Records. Association shall maintain books and records sufficient to describe its services hereunder in accordance with prevailing accounting standards to identify the source of all funds collected by it, and the disbursement thereof.

10.5.13 Budget. Association shall adopt a Budget which provides for funds needed for all expenses and reserves, including the Club Fees, within the fiscal year of the Club.

10.5.14 Collection. Association shall collect all Club Charges and enforce, with all due diligence, the provisions of these Covenants relating thereto. The Club Charges due from each Owner may, at Association's discretion, be payable to such firm or entity as it shall direct. All sums due to Club Owner under the terms of these Covenants, if collected by Association, shall immediately be delivered to Club Owner.

10.5.15 Special Use Fees. Association shall make and collect Special Use Fees against Owners subject to the provisions of these Covenants.

10.5.16 Rules and Regulations. Association shall promulgate, adopt and amend rules and regulations as it deems advisable, subject to the prior approval of Club Owner. Association shall also enforce such rules and regulations.

10.5.17 Insurance. Association shall obtain all insurance required in connection with the Club in the form required by Club Owner. Club Owner shall have the right to approve every aspect of such insurance policies including, without limitation the underwrites.

10.5.18 Professionals. Association shall retain and employ such professionals and other experts whose services may be reasonably required to effectively perform its duties and exercise its powers hereunder and to employ same on such basis as it deems most beneficial.

11 Paramount Right of Association. Association shall have the right to post all notices of its Board and member meetings and all notices required by the Florida Statutes at a designated location within the Club Facilities visible to all Club Members without charge.

12 Attorney's Fees. At any time Club Owner must enforce any provision hereof, Club Owner shall be entitled to recover all of its reasonable costs and attorney's and paraprofessional fees at all levels, including appeals, collections and bankruptcy.

13 Rights to Pay and Receive Reimbursement. Club Owner and/or Association shall have the right, but not the obligation, to pay any Club Charges, or Special Use Fees which are in default and which may or have become a lien or charge against any Home. If so paid, the party paying the same shall be subrogated to the enforcement rights with regard to the amounts due. Further, Club Owner and/or Association shall have the right, but not the obligation, to loan funds and pay insurance premiums, taxes or other items of costs on behalf of an Owner to protect its lien. The party advancing such funds shall be entitled to immediate reimbursement, on demand, from the Owner for such amounts so paid, plus interest thereon at the Applicable Rate, plus any costs of collection including, but not limited to, reasonable attorneys' and paraprofessional fees at all levels including appeals, collections and bankruptcy.

14 General Restrictions. Club Owner has adopted the following general restrictions governing the use of the Club. Each Member, Immediate Family Member, and other person entitled to use the Club shall comply with the following general restrictions:

14.1 Minors. Minors sixteen (16) years and older are permitted to use the Club Facilities (other than the fitness center) without adult supervision. Minors sixteen (16) years of age and older may use the fitness center either with adult supervision or without adult supervision if such minor's parent or legal guardian releases Club Owner from liability for such use pursuant to consent form(s) provided by Club Owner from time to time; provided, however, parents are responsible for the actions and safety of such minors and any damages to the equipment in the fitness center caused by such minors. Minors under sixteen (16) years of age are not permitted to use the fitness center. Minors between twelve (12) years and sixteen (16) years of age may use the pools either with adult supervision or without adult supervision if such minor's parent or legal guardian releases Club Owner from liability for such use pursuant to consent form(s) provided by Club Owner from time to time; provided, however, parents are responsible for the actions and safety of such minors and any damages to the pools caused by such minors. Minors under the age of twelve (12) years are permitted to use the pools only with adult supervision.

14.2 Responsibility for Personal Property and Persons. Each Member assumes sole responsibility for the health, safety and welfare of such Member, his or her Immediate Family Members, and guests, and the personal property of all of the foregoing.

14.3 Cars and Personal Property. The Club is not responsible for any loss or damage to any private property used or stored on the Club Facilities. Without limiting the foregoing, any person parking a car within the Parking Areas assumes all risk of loss with respect to his or her car in the Parking Areas; equipment, jewelry or other possessions stored in the fitness center lockers, on bicycles, or within cars; and wallets, books and clothing left in the pool areas.

14.4 Activities. Any Member, Immediate Family Member, guest or other person who, in any manner, makes use of, or accepts the use of, any apparatus, appliance, facility, privilege or service whatsoever owned, leased or operated by the Club, or who engages in any contest, game, function, exercise, competition or other activity operated, organized, arranged or sponsored by the Club, either on or off the Club Facilities, shall do so at their own risk. Every Member shall be liable for any property damage and/or personal injury at the Club, or at any activity or function operated, organized, arranged or sponsored by the Club, caused by any Member, Immediate Family Member, or guest.

14.5 Property Belonging to the Club. Property or furniture belonging to the Club shall not be removed from the room in which it is placed or from the Club Facilities.

14.6 Indemnification of Club Owner. In addition, each Member, Immediate Family Member, and guest agrees to indemnify and hold harmless Club Owner and Club Manager, their officers, partners, agents, employees, affiliates, directors and attorneys (collectively, "Indemnified Parties") against all actions, injury, claims, loss, liability, damages, costs and expenses of any kind or nature whatsoever ("Losses") incurred by or asserted against any of the Indemnified Parties from and after the date hereof, whether direct, indirect, or consequential, as a result of or in any way related to such Member's membership, including, without limitation, use of the Club Facilities by Members, Immediate Family Members, and their guests, or the interpretation of these Covenants, and/or these Rules and Regulations and/or from any act or omission of the Club or of any of the Indemnified Parties.

14.7 Attorneys' Fees. Should any Member and/or Immediate Family Member bring suit against Club Owner or Club Manager or any of the Indemnified Parties for any claim or matter and fail to obtain judgment therein against such Indemnified Parties, the Member and/or Immediate Family Member shall be liable to such parties for all Losses, costs and expenses incurred by the Indemnified Parties in the defense of such suit, including attorney's fees and paraprofessional fees at trial and upon appeal.

14.8 Unrecorded Rules. Club Owner may adopt rules and regulations ("Rules and Regulations") from time to time. Such Rules and Regulations may not be recorded; therefore, each Owner and Tenant should request a copy of unrecorded Rules and Regulations from the Club and become familiar with the same. Such Rules and Regulations are in addition to the general restrictions set forth in this Section.

14.9 Waiver of Rules and Regulations. Club Owner may waive the application of any Rules and Regulations to one or more Owners or Tenants in Club Owner's sole and absolute discretion. By way of example, and not of limitation, Club Owner may waive a rule due to unusual hardship. A waiver may be revoked at any time upon notice to affected Tenants and Owners.

15 Violation of the Rules and Regulations.

15.1 Basis For Suspension. The membership rights of a Member may be suspended by Club Owner if, in the sole judgment of Club Owner:

- a. such person is not an Owner or a Tenant;

- b. the Member violates one or more of these Rules and Regulations;
- c. an Immediate Family Member, guest or other person for whom a Member is responsible violates one or more of these Rules and Regulations;
- d. an Owner fails to pay Club Charges in a proper and timely manner; or
- e. a Member, Immediate Family Member, and/or guest has injured or harmed any person within the Club Facilities, or harmed, destroyed or stolen any personal property within the Club Facilities, whether belonging to a third party or to Club Owner.

15.2 Types of Suspension. Club Owner may restrict or suspend, for cause or causes described in the preceding section, any Member's privileges to use any or all of the Club Facilities. By way of example, and not as a limitation, Club Owner may suspend the membership of a Tenant if such Tenant's Owner fails to pay Club Charges due in connection with a leased Home. In addition, Club Manager may suspend some membership rights while allowing a Member to continue to exercise other membership rights. For example, Club Manager may suspend the rights of a particular Immediate Family Member, or Club Manager may prohibit a Member and his Immediate Family Members from using a portion of the Club Facilities. No Member whose membership privileges have been fully or partially suspended shall on account of any such restriction or suspension be entitled to any refund of Club Charges or any other fees. During the restriction or suspension, Club Charges shall continue to accrue and be payable each month. Under no circumstance will a Member be reinstated until all Club Charges and other amounts due to the Club are paid in full.

16 Destruction. In the event of the damage by partial or total destruction of the by fire, windstorm, or any other casualty for which insurance shall be payable, any insurance proceeds shall be paid to Club Owner. The proceeds shall be available for the purpose of reconstruction or repair of the Club; provided, however, Club Owner shall have the right to change the design or facilities comprising the Club in its sole and absolute discretion. There shall be no abatement in payments of Club Charges, including the Club Fee, during casualty or reconstruction. The reconstruction or repair, when completed, shall, to the extent legally possible, restore the substantially to the condition in which it existed before the damage or destruction took place. After all reconstruction or repairs have been made, if there are any insurance proceeds left over, then and in that event, the excess shall be the sole property of Club Owner.

17 Risk of Loss. Club Owner shall not be liable for, and the Members assume all risks that may occur by reason of, any condition or occurrence, including, but not limited to, damage to the Club on account of casualty, water or the bursting or leaking of any pipes or waste water about the Club, or from any act of negligence of any other person, or fire, or hurricane, or other act of God, or from any cause whatsoever, occurring after the date of the recording of these Covenants. Neither Association or any Owner shall be entitled to cancel these Covenants or any abatement in Club Charges on account of any such occurrence.

18 Eminent Domain. If, during the operation of these Covenants, an eminent domain proceeding is commenced affecting the Club, then in that event, the following conditions shall apply:

18.1 Complete Taking. If the whole or any material part of the Club is taken under the power of eminent domain, Club Owner may terminate these Covenants and the provisions of the Declaration relating to the Club by written notice given to Association, which notice shall be recorded in the Public Records. Should such notice be given, these Covenants and the provisions in the Declaration relating to the Club shall terminate. All damages awarded in relation to the taking shall be the sole property of Club Owner.

18.2 Partial Taking. Should a portion of the Club be taken in an eminent domain proceeding which requires the partial demolition of any of the improvements located on the Club so that Club Owner determines the taking is not a complete taking, then, in such event, Club Owner shall, to the extent legally possible, utilize, a portion

of the proceeds of such taking for the restoration, repair, or remodeling of the remaining improvements to the Club. All damages awarded in relation to the taking shall be the sole property of Club Owner, and Club Owner shall determine what portion of such damages, if any, shall be applied to restoration, repair, or remodeling.

19 Additional Indemnification of Club Owner. Association and each Owner covenant and agree jointly and severally to indemnify, defend and hold harmless Developer and Club Owner, their respective officers, directors, shareholders, and any related persons or corporations and their employees, attorneys, agents, officers and directors from and against any and all claims, suits, actions, causes of action or damages arising from any personal injury, loss of life, or damage to property, sustained on or about the Common Areas, Club Property, or other property serving Association, and improvements thereon, or resulting from or arising out of activities or operations of Association or Owners, and from and against all costs, expenses, court costs, counsel fees, paraprofessional fees (including, but not limited to, all trial and appellate levels and whether or not suit be instituted), expenses and liabilities incurred or arising from any such claim, the investigation thereof, or the defense of any action or proceedings brought thereon, and from and against any orders judgments or decrees which may be entered relating thereto. In addition Association shall, and does hereby, indemnify and save harmless Club Owner from and against any and all claims, suits, actions, damages and/or causes of action arising for any personal injury, loss of life and/or damage to property sustained in or about the Club, by reason or as a result of Association's operation, management, or occupancy of the Club as Club Manager, and from and against any orders, judgments, and/or decrees which may be entered thereon, and from and against all costs, counsel fees, paraprofessional fee, expenses and liabilities incurred in and about the defense of any such claim and the investigation thereof. Association shall immediately give Club Owner notice in writing that the same are about to be incurred and Club Owner shall have the option to make the necessary investigation and employ, at the expense of Association, counsel of Club Owner's own selection for the defense of any such claims and expenses, etc. The indemnifications provided in this section shall survive termination of these Covenants. The costs and expense of fulfilling this covenant of indemnification shall be Operating Costs to the extent such matters are not covered by insurance maintained by Association.

20 Defaults. The occurrence of any one or more of the following events shall constitute a material default and breach of these Covenants by Association:

20.1 Abandonment. The vacation or abandonment of the Club by Association or Owners.

20.2 Failure to Pay. The failure by Association to make any payment required to be made hereunder to Club Owner within ten (10) days after the same is due.

20.3 Compliance with Declaration and These Covenants. The failure of Association to observe or perform any other covenant, condition or provision of the Declaration relating to the Club or these Covenants to be observed or performed by Association, unless the same is cured by Association within twenty (20) days after notice, provided, however, that notice shall not be required if the failure of Association shall be of such a nature as to expose Club Owner or the Club to irreparable injury or material and adverse risk.

20.4 Insolvency. The making by Association of any general assignment for the benefit of creditors, the filing by or against Association of a petition to have Association adjudged a bankrupt, or a petition for reorganization or arrangement under any law relating to bankruptcy (unless, in case of a petition filed against Association, the same is dismissed within thirty (30) days), the appointment of a trustee or receiver to take possession of substantially all of Association's assets, or the attachment, execution or other judicial seizure of substantially all or any material part of Association's assets.

21 Remedies. In the event of any such default or breach by Association, Club Owner may at any time thereafter, with or without notice or demand, and without limiting Club Owner in the exercise of any other right or remedy which Club Owner may have, at law or equity, exercise any one or more of the following additional remedies:

21.1 Terminate Association's Responsibilities. Club Owner may immediately terminate Association's ability to operate and manage the Club as Club Manager and may re-assume the sole right to operate and manage the Club. Upon receipt of such notice the license granted to Association to occupy the Club as Club Manager shall forthwith terminate, provided, however Association shall remain liable to Club Owner as hereinafter provided. Thereafter, all payments of Club Charges shall be made directly by the Owners, to Club Owner, or its designee.

21.2 Charge the Association Interest. In the case of any such default by Association all sums then due hereunder shall bear interest thereon at the Default Rate until paid.

21.3 Right to Add Costs to Club Operating Costs. All damages, costs, expenses, losses, liabilities and other amounts suffered by Club Owner due to a default by Association shall be, at the direction of Club Owner, be considered part the Club Operating Costs.

21.4 Right to Notify Owners. Club Owner may notify Owners that Club Charges are to be paid directly to Club Owners.

21.5 Remedies Cumulative. The specific remedies of Club Owner under the terms of these Covenants are cumulative and are not intended to be exclusive of any other remedies or means of redress to which it may be lawfully entitled in case of any breach or threatened breach by Association of any provisions of these Covenants. In addition to the other remedies provided in these Covenants, Club Owner shall be entitled to enjoin, without bond, the violation or attempted or threatened violation of any of the provisions of these Covenants or obtain specific performance of any such provisions. Association hereby stipulates that such violation or attempts or threatened violation constitutes irreparable injury to Club Owner.

22 Security for Association's Agreements. To further secure payment and performance of all of Association's obligations hereunder, Association gives, grants, pledges with and assigns to Club Owner a first lien and charge upon all furniture and fixtures, goods and chattels of Association, which may be brought or put on the Club. Association agrees that such lien for the payment of the charges may be enforced by distress, foreclosure or otherwise, at the option of Club Owner.

23 Estoppel. Association shall, from time to time, upon not less than ten (10) days' prior written notice from Club Owner, execute, acknowledge and deliver a written statement: (a) certifying that these Covenants are unmodified and in full force and effect (or, if modified, stating the nature of such modification, listing the instruments of modification, and certifying that these Covenants, as so modified, are in full force and effect) and the date to which the Club Charges are paid; and (b) acknowledging that there are not, to Association's knowledge, any uncured defaults by Association, Club Owner or Members with respect to these Covenants. Any such statement may be conclusively relied upon by any prospective purchaser of Club Owner's interest or mortgagee of Club Owner's interest or assignee of any mortgage upon Club Owner's interest in the Club. Association's failure to deliver such statement within such time shall be conclusive evidence: (1) that these Covenants are in full force and effect, without modification except as may be represented, in good faith, by Club Owner; and (2) that there are no uncured defaults; and (3) that the Club Charges have been paid as stated by Club Owner.

24 No Waiver. The failure of Club Owner in one or more instances to insist upon strict performance or observance of one or more of the covenants or conditions hereof or to exercise any remedy, privilege or option herein conferred upon or reserved to Club Owner, shall not operate or be construed as a relinquishment or waiver of such covenant or condition or of the right to enforce the same or to exercise such privilege, option or remedy, but the same shall continue in full force and effect. The receipt by Club Owner of any payment required to be made by any Owner, or any part thereof, shall not be a waiver of any other payment then due, nor shall such receipt, though with knowledge of the breach of any covenant or condition hereof, operate as, or be deemed to be a waiver of such breach. No waiver of Club Owner (with respect to Association or a Member) shall be effective unless made by Club Owner in writing.

25 Franchises and Concessions. Club Owner may grant franchises or concessions to commercial concerns on all or part of the Club and shall be entitled to all income derived therefrom.

26 Resolution of Disputes. ASSOCIATION, AND, BY ACCEPTANCE OF A DEED, EACH OWNER AGREES THAT THESE COVENANTS ARE VERY COMPLEX; THEREFORE, ANY CLAIM, DEMAND, ACTION, OR CAUSE OF ACTION, WITH RESPECT TO ANY ACTION, PROCEEDING, CLAIM, COUNTERCLAIM, OR CROSS CLAIM, WHETHER IN CONTRACT AND/OR IN TORT (REGARDLESS IF THE TORT ACTION IS PRESENTLY RECOGNIZED OR NOT), BASED ON, ARISING OUT OF, IN CONNECTION WITH OR IN ANY WAY RELATED TO THESE COVENANTS, INCLUDING ANY COURSE OF CONDUCT, COURSE OF DEALING, VERBAL OR WRITTEN STATEMENT, VALIDATION, PROTECTION, ENFORCEMENT ACTION OR OMISSION OF ANY PARTY SHOULD BE HEARD IN A COURT PROCEEDING BY A JUDGE AND NOT A JURY IN ORDER TO BEST SERVE JUSTICE. CLUB OWNER HEREBY SUGGESTS THAT EACH OWNER UNDERSTAND THE LEGAL CONSEQUENCES OF ACCEPTING A DEED TO A HOME.

27 Venue. EACH OWNER ACKNOWLEDGES REGARDLESS OF WHERE SUCH OWNER (i) EXECUTED A PURCHASE AND SALE AGREEMENT, (ii) RESIDES, (iii) OBTAINS FINANCING OR (iv) CLOSED ON A HOME, THESE COVENANTS LEGALLY AND FACTUALLY WERE EXECUTED IN LAKE COUNTY, FLORIDA. CLUB OWNER HAS AN OFFICE IN LAKE COUNTY, FLORIDA, EACH HOME IS LOCATED IN LAKE COUNTY, FLORIDA AND THE CLUB PROPERTY IS LOCATED IN LAKE COUNTY, FLORIDA. ACCORDINGLY, AN IRREFUTABLE PRESUMPTION EXISTS THAT THE ONLY APPROPRIATE VENUE FOR THE RESOLUTION OF ANY DISPUTE LIES IN LAKE COUNTY, FLORIDA. IN ADDITION TO THE FOREGOING, EACH OWNER AND CLUB OWNER AGREE THAT THE VENUE FOR RESOLUTION OF ANY DISPUTE LIES IN LAKE COUNTY, FLORIDA.

28 Reliance. BEFORE ACCEPTING A DEED TO A HOME, EACH OWNER HAS AN OBLIGATION TO RETAIN AN ATTORNEY IN ORDER TO CONFIRM THE VALIDITY OF THESE COVENANTS. BY ACCEPTANCE OF A DEED TO A HOME, EACH OWNER ACKNOWLEDGES THAT HE HAS SOUGHT AND RECEIVED SUCH AN OPINION OR HAS MADE AN AFFIRMATIVE DECISION NOT TO SEEK SUCH AN OPINION. CLUB OWNER IS RELYING ON EACH OWNER CONFIRMING IN ADVANCE OF ACQUIRING A HOME THAT THESE COVENANTS ARE VALID, FAIR AND ENFORCEABLE. SUCH RELIANCE IS DETRIMENTAL TO CLUB OWNER. ACCORDINGLY, AN ESTOPPEL AND WAIVER EXISTS PROHIBITING EACH OWNER FROM TAKING THE POSITION THAT ANY PROVISION OF THESE COVENANTS ARE INVALID IN ANY RESPECT. AS A FURTHER MATERIAL INDUCEMENT FOR CLUB OWNER TO SUBJECT CLUB PROPERTY AND LEGENDS COMMUNITY TO THESE COVENANTS, EACH OWNER DOES HEREBY RELEASE, WAIVE, DISCHARGE, COVENANT NOT TO SUE, ACQUIT, SATISFY AND FOREVER DISCHARGE CLUB OWNER, ITS OFFICERS, DIRECTORS, EMPLOYEES, AND AGENTS AND ITS AFFILIATES AND ASSIGNS FROM ANY AND ALL LIABILITY, CLAIMS, COUNTERCLAIMS, DEFENSES, ACTIONS, CAUSES OF ACTION, SUITS, CONTROVERSIES, AGREEMENTS, PROMISES AND DEMANDS WHATSOEVER IN LAW OR IN EQUITY WHICH AN OWNER MAY HAVE IN THE FUTURE, OR WHICH ANY PERSONAL REPRESENTATIVE, SUCCESSOR, HEIR OR ASSIGN OF OWNER HEREAFTER CAN, SHALL OR MAY HAVE AGAINST CLUB OWNER, ITS OFFICERS, DIRECTORS, EMPLOYEES, AND AGENTS, AND ITS AFFILIATES AND ASSIGNS, FOR, UPON OR BY REASON OF ANY MATTER, CAUSE OR THING WHATSOEVER RESPECTING THESE COVENANTS, OR THE EXHIBITS HERETO. THIS RELEASE AND WAIVER IS INTENDED TO BE AS BROAD AND INCLUSIVE AS PERMITTED BY THE LAWS OF THE STATE OF FLORIDA.

29 Amendment.

29.1 General Restrictions on Amendments. Notwithstanding any other provision herein to the contrary, no amendment to these Covenants shall affect the rights of Developer or Club Owner unless such amendment receives the prior written consent of Developer or Club Owner, as applicable, which may be withheld for any reason

whatsoever. No amendment shall alter the provisions of these Covenants benefitting Lenders without the prior approval of the Lender(s) enjoying the benefit of such provisions. If the prior written approval of any governmental entity or agency having jurisdiction is required by applicable law or governmental regulation for any amendment to these Covenants, then the prior written consent of such entity or agency must also be obtained. No amendment shall be effective until it is recorded in the Public Records.

29.2 Amendments Prior to the Transfer of the Club to Association. Prior to the date that Association owns the Club, Club Owner shall have the right to amend these Covenants as it deems appropriate, without the joinder or consent of any person or entity whatsoever. Club Owner's right to amend under this provision is to be construed as broadly as possible. By way of example, Club Owner may terminate these Covenants (and all rights and obligations hereunder) in the event of partial or full destruction of the Club.

29.3 Amendments From and After the Transfer of the Club to Association. After the date that Association owns the Club, but subject to the general restrictions on amendments set forth above, these Covenants may be amended with the approval of (i) sixty six and 2/3 percent (66%%) of the Board; and (ii) seventy-five percent (75%) of all of the votes in Association.

30 Severability. Invalidation of any of the provisions of these Covenants by judgment or court order shall in no way affect any other provision, and the remainder of these Covenants shall remain in full force and effect.

31 Notices. Any notice required to be sent to any person, firm, or entity under the provisions of these Covenants shall be deemed to have been properly sent when mailed, postpaid, to the last known address at the time of such mailing.

32 Florida Statutes. Whenever these Covenants refer to the Florida Statutes, they shall be deemed to refer to the Florida Statutes as they exist on the date the Covenants are recorded except to the extent provided otherwise as to any particular provision of the Florida Statutes.

33 Headings. The headings within these Covenants are for convenience only and shall not be used to limit or interpret the terms hereof.

NOW THEREFORE, Lennar Homes, Inc. as Club Owner, has set its signature and seal below.

WITNESSES:

LENNAR HOMES, INC. a
Florida corporation

Print name: _____

By: _____

Print name: _____

Name: _____

Title: _____

{SEAL}

STATE OF FLORIDA)
) SS.:
COUNTY OF _____)

The foregoing instrument was acknowledged before me this ____ day of March, 1999 by _____ as _____ of Lennar Homes, Inc., a Florida corporation, who is personally known to me or who has produced _____ as identification.

My commission expires:

NOTARY PUBLIC, State of Florida
at Large

Print name: _____

JOINDER

LEGENDS COUNTRY CLUB COMMUNITY ASSOCIATION, INC. does hereby join in the document to which this Joinder is attached, and the terms thereof are and shall be binding upon the undersigned and its successors in title.

IN WITNESS WHEREOF, the undersigned has executed this Joinder on this _____ day of March, 1999.

WITNESSES:

LEGENDS COUNTRY CLUB COMMUNITY ASSOCIATION, INC., a Florida not-for-profit corporation

Print Name: _____

Print Name: _____

By: _____

Name: _____

Title: _____

{SEAL}

STATE OF FLORIDA)
) SS.:
COUNTY OF _____)

The foregoing instrument was acknowledged before me this ____ day of March, 1999 by _____ as _____ of LEGENDS COUNTRY CLUB COMMUNITY ASSOCIATION, INC., a Florida not-for-profit corporation, who is personally known to me or who produced _____ as identification on behalf of the corporation.

My commission expires:

NOTARY PUBLIC, State of Florida
at Large

Print name: _____

EXHIBIT A
LEGAL DESCRIPTION

RECEIVED

SEP 15 1998

~~4-069-0327A-ERP~~


PDS
ORLANDO
SJR WMD.

4-069-0357AM-ERP

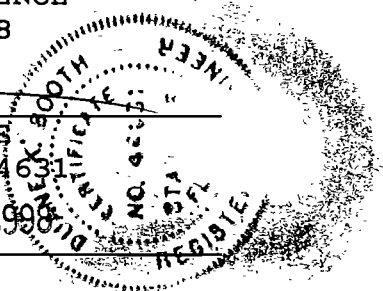
LEGENDS PHASE I
STORM SEWER TABULATIONS
AND SPREAD CALCULATIONS
FBA NO. 961504.001

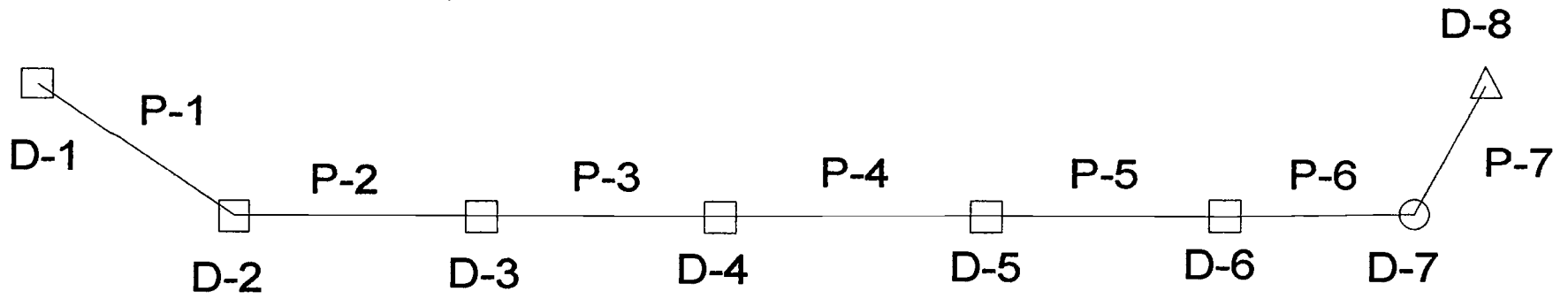
19451-3

FARNER, BARLEY & ASSOCIATES, INC.
350 NORTH SINCLAIR AVENUE
TAVARES, FLORIDA 32778

BY: 
DUANE K. BOOTH, P.E.
FLORIDA REG. NO. 44631

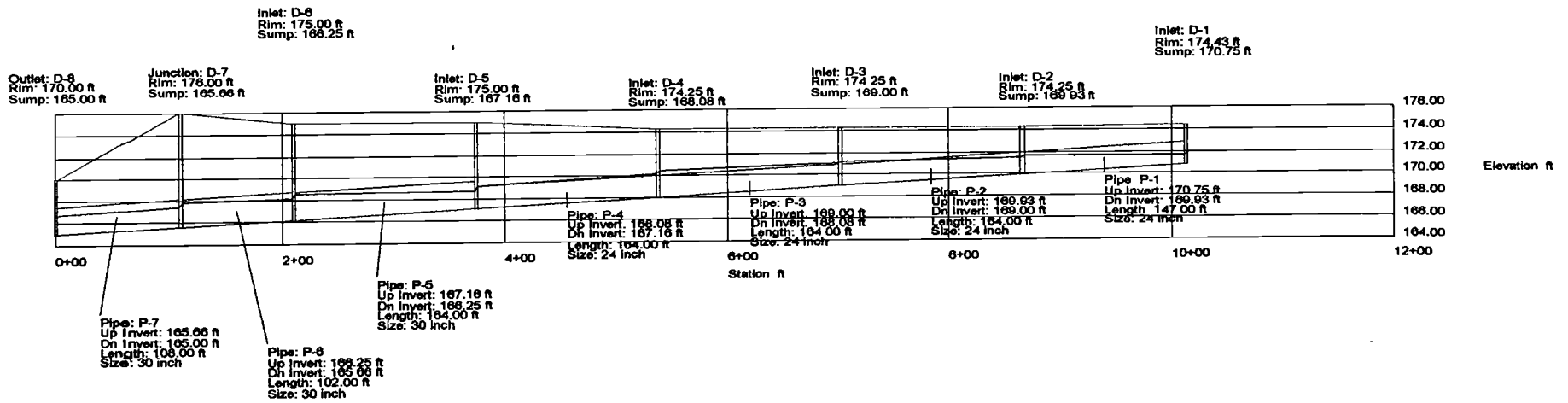
DATE: SEP 14 1998

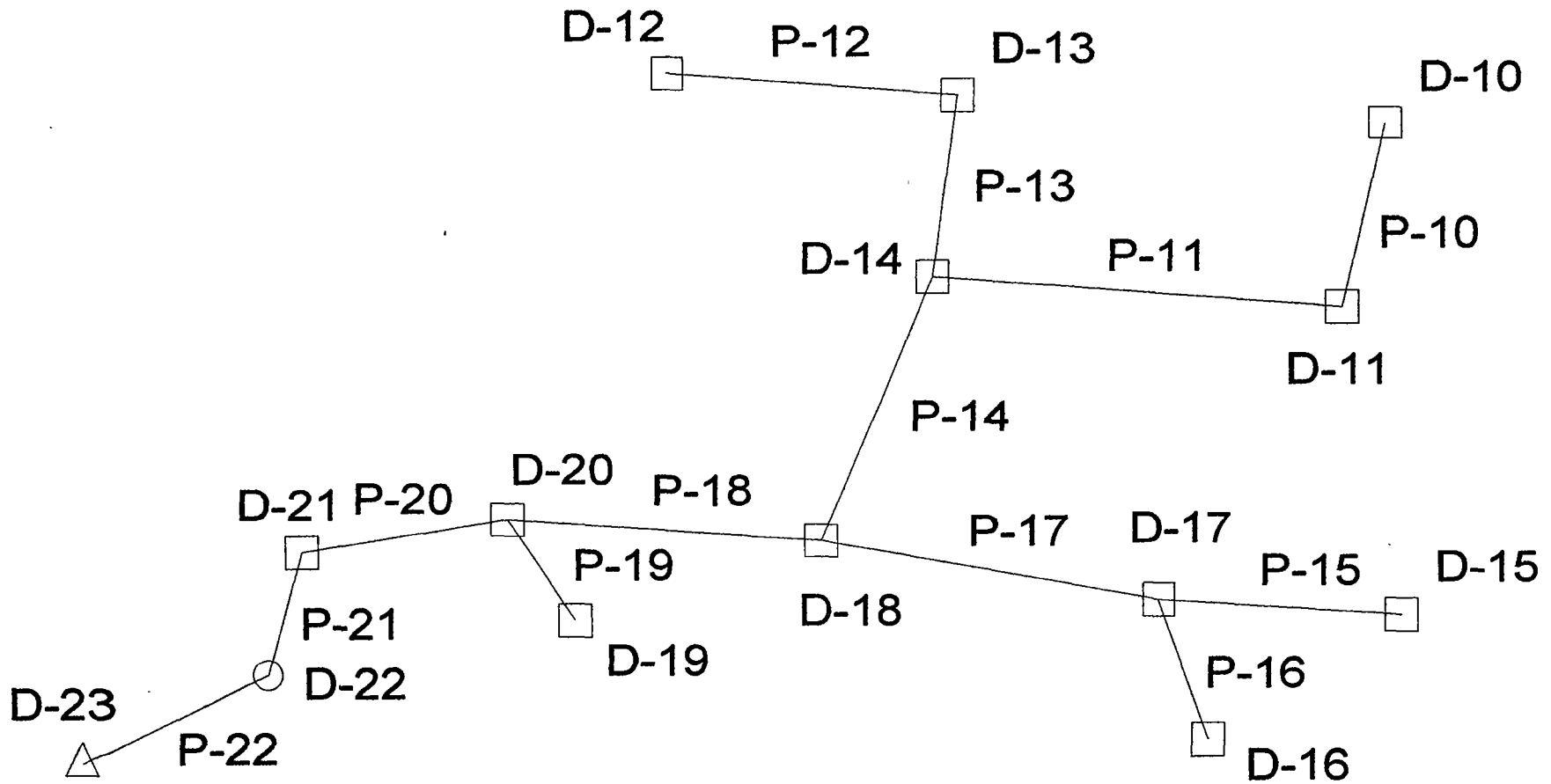




Combined Pipe/Node Report

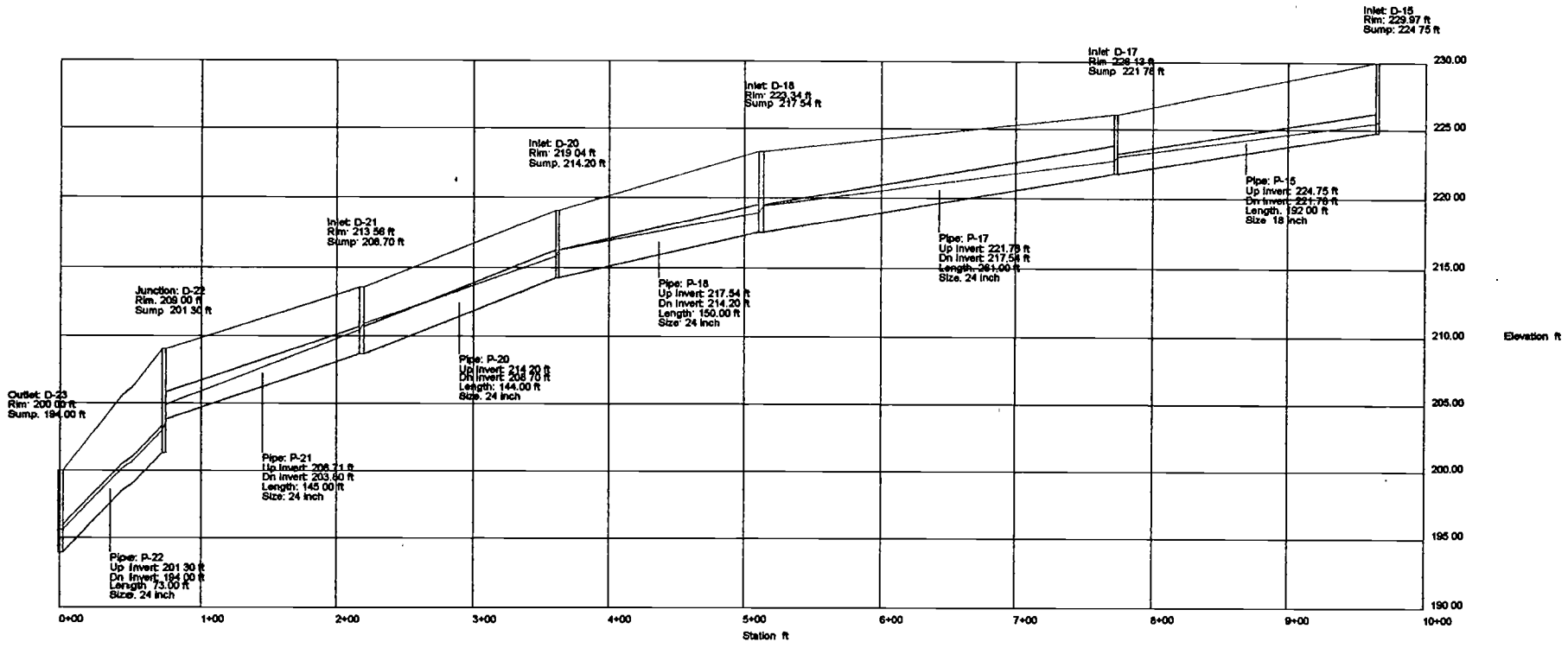
Pipe	Upstream Node	Downstream Node	Length (ft)	Inlet Area (acres)	Inlet C	Inlet CA (acres)	Total CA (acres)	Inlet Discharge (cfs)	Section Size	Capacity (cfs)	Average Velocity (ft/s)	Upstream Invert Elevation (ft)	Downstream Invert Elevation (ft)
P-1	D-1	D-2	147.00	0.70	0.95	0.66	0.66	4.89	24 inch	16.90	2.77	170.75	169.93
P-2	D-2	D-3	164.00	0.95	0.76	0.72	1.39	5.32	24 inch	17.03	3.48	169.93	169.00
P-3	D-3	D-4	164.00	0.83	0.77	0.64	2.03	4.70	24 inch	16.94	4.52	169.00	168.08
P-4	D-4	D-5	164.00	0.78	0.77	0.60	2.62	4.40	24 inch	16.94	5.76	168.08	167.16
P-5	D-5	D-6	164.00	0.91	0.76	0.69	3.32	5.09	30 inch	30.55	5.64	167.16	166.25
P-6	D-6	D-7	102.00	1.06	0.77	0.81	4.13	7.53	30 inch	31.19	6.23	166.25	165.66
P-7	D-7	D-8	108.00	N/A	N/A	N/A	4.13	N/A	30 inch	32.06	7.30	165.66	165.00

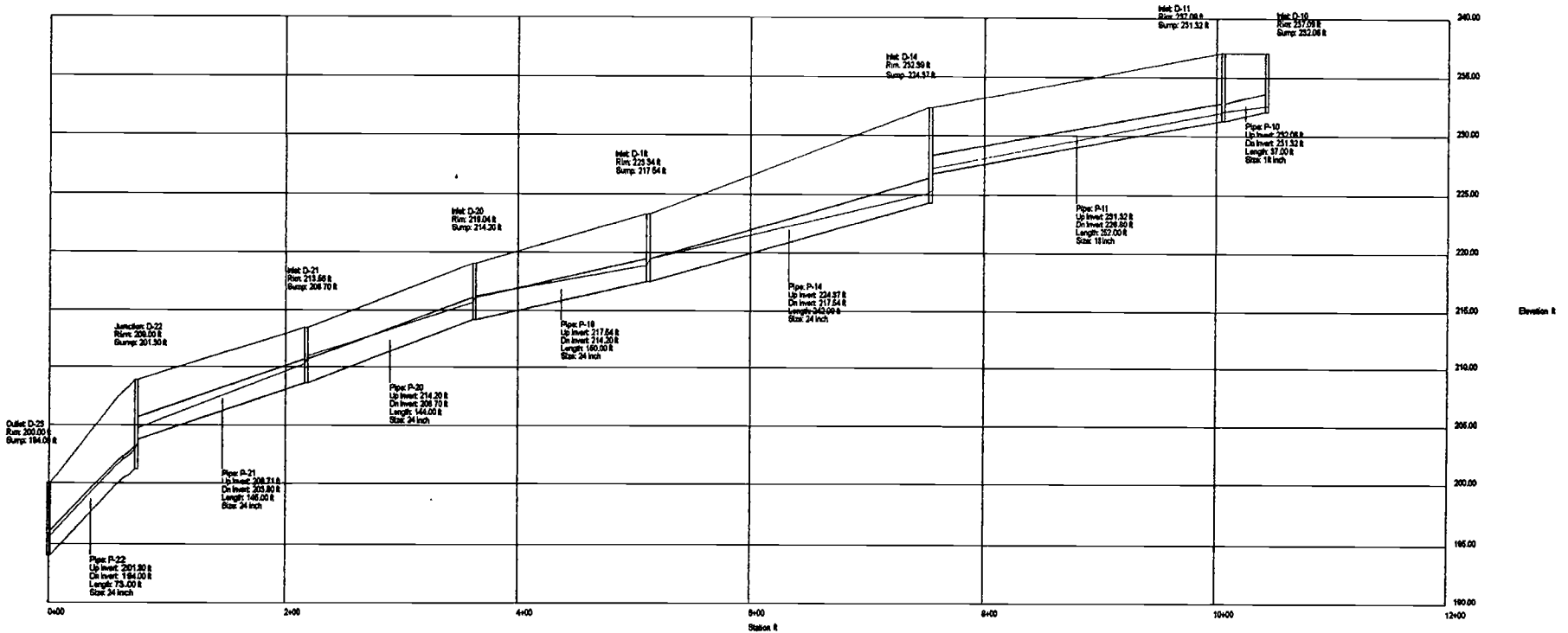


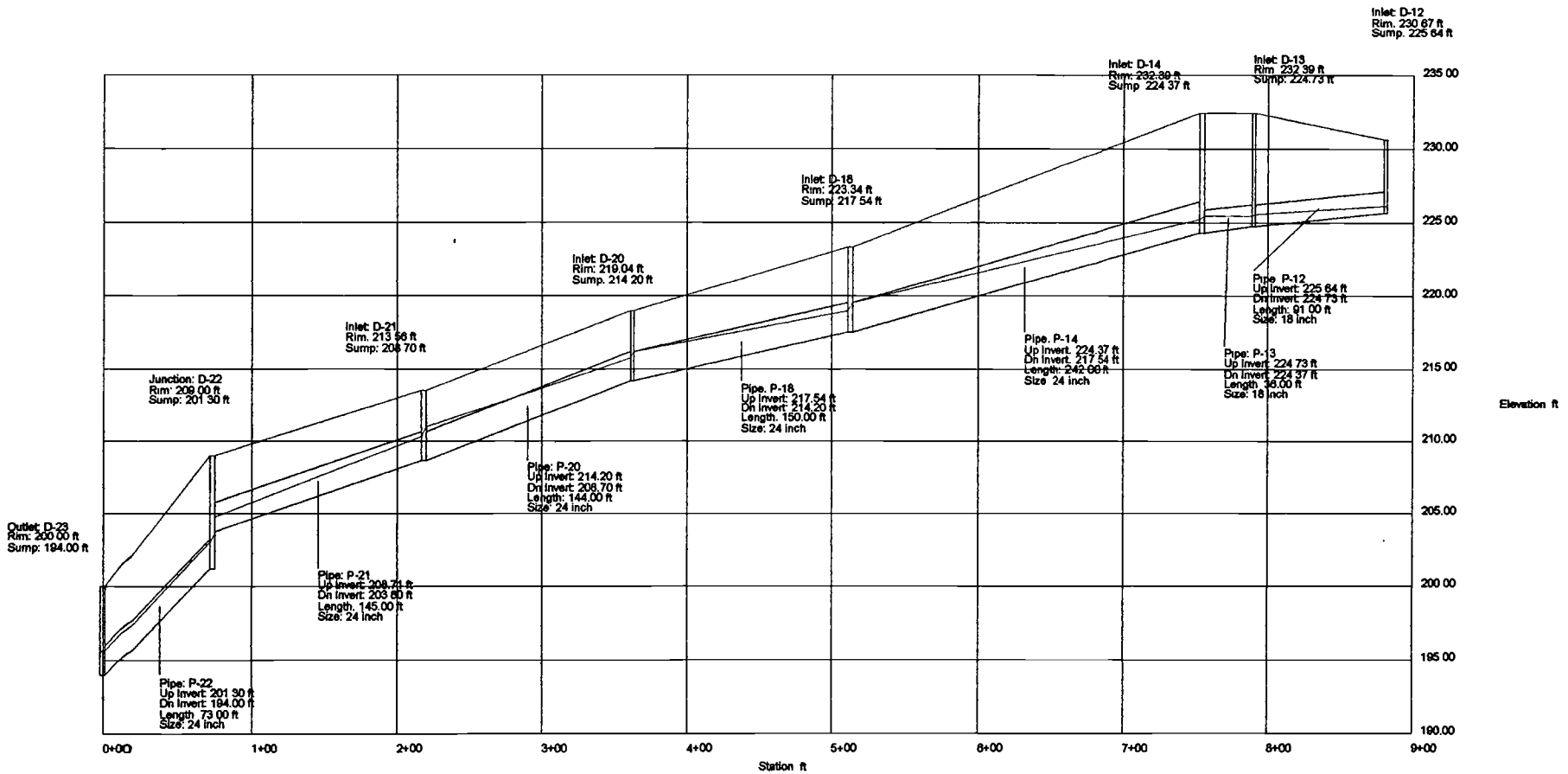


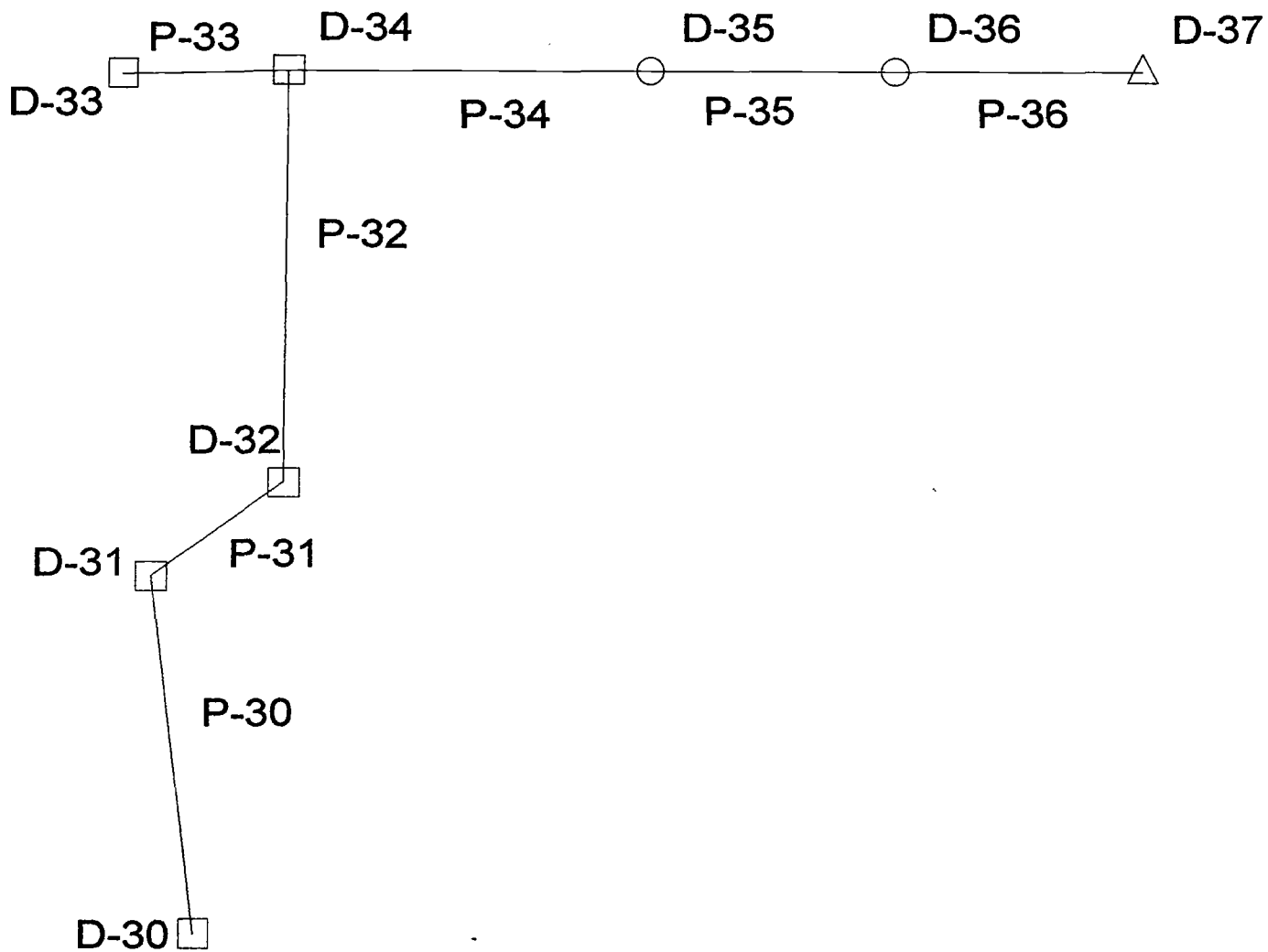
Combined Pipe/Node Report

Pipe	Upstream Node	Downstream Node	Length (ft)	Inlet Area (acres)	Inlet C	Inlet CA (acres)	Total CA (acres)	Inlet Discharge (cfs)	Section Size	Capacity (cfs)	Average Velocity (ft/s)	Upstream Invert Elevation (ft)	Downstream Invert Elevation (ft)
P-19	D-19	D-20	25.00	0.29	0.51	0.15	0.15	1.09	18 inch	10.50	0.64	214.95	214.70
P-16	D-16	D-17	34.00	0.34	0.44	0.15	0.15	1.11	18 inch	10.50	0.88	222.12	221.78
P-15	D-15	D-17	192.00	1.06	0.43	0.45	0.45	3.33	18 inch	13.06	3.16	224.75	221.78
P-17	D-17	D-18	261.00	0.80	0.45	0.36	0.97	2.67	24 inch	28.83	3.51	221.78	217.54
P-12	D-12	D-13	91.00	0.53	0.30	0.16	0.16	1.17	18 inch	10.50	2.12	225.64	224.73
P-13	D-13	D-14	36.00	0.38	0.40	0.15	0.31	1.11	18 inch	10.50	2.14	224.73	224.37
P-10	D-10	D-11	37.00	0.31	0.56	0.17	0.17	1.28	18 inch	14.85	2.25	232.06	231.32
P-11	D-11	D-14	252.00	0.31	0.56	0.17	0.35	1.28	18 inch	14.07	4.93	231.32	226.80
P-14	D-14	D-18	242.00	0.20	0.57	0.12	0.77	0.85	24 inch	38.00	3.12	224.37	217.54
P-18	D-18	D-20	150.00	1.29	0.42	0.54	2.27	3.94	24 inch	33.76	5.75	217.54	214.20
P-20	D-20	D-21	144.00	0.93	0.41	0.38	2.80	2.80	24 inch	44.21	6.62	214.20	208.70
P-21	D-21	D-22	145.00	1.02	0.47	0.48	3.28	3.54	24 inch	41.63	10.63	208.71	203.80
P-22	D-22	D-23	73.00	N/A	N/A	N/A	3.28	N/A	24 inch	71.53	7.80	201.30	194.00



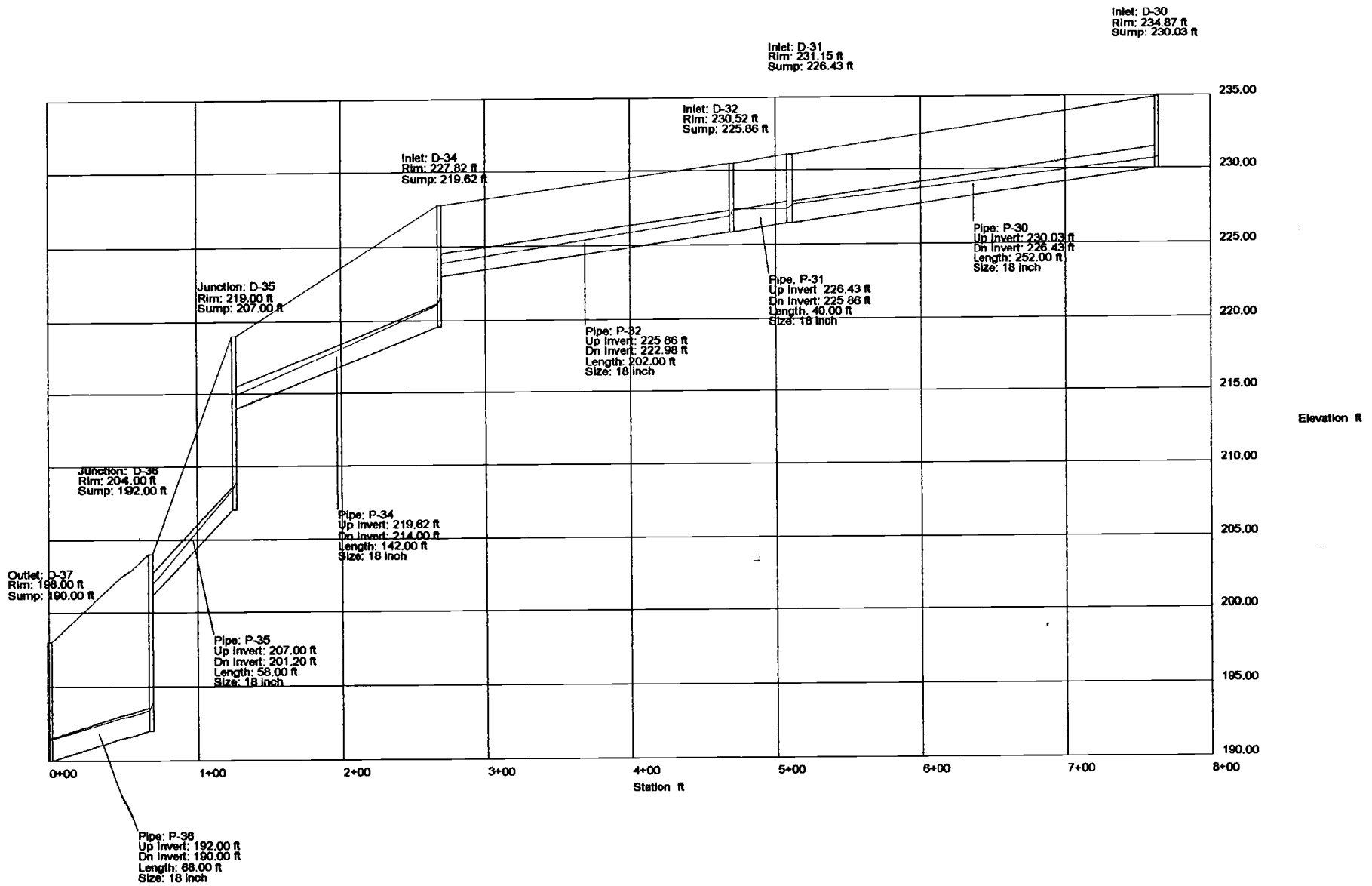






Combined Pipe/Node Report

Pipe	Upstream Node	Downstream Node	Length (ft)	Inlet Area (acres)	Inlet C	Inlet CA (acres)	Total CA (acres)	Inlet Discharge (cfs)	Section Size	Capacity (cfs)	Average Velocity (ft/s)	Upstream Invert Elevation (ft)	Downstream Invert Elevation (ft)
P-33	D-33	D-34	22.00	1.63	0.47	0.77	0.77	5.65	18 inch	14.85	3.20	220.06	219.62
P-30	D-30	D-31	252.00	0.50	0.51	0.26	0.26	1.89	18 inch	12.55	2.41	230.03	226.43
P-31	D-31	D-32	40.00	1.11	0.48	0.53	0.79	3.90	18 inch	12.54	4.10	226.43	225.86
P-32	D-32	D-34	202.00	0.37	0.50	0.19	0.97	1.37	18 inch	12.54	6.31	225.86	222.98
P-34	D-34	D-35	142.00	0.28	0.52	0.15	1.89	1.07	18 inch	20.90	10.10	219.62	214.00
P-35	D-35	D-36	58.00	N/A	N/A	N/A	1.89	N/A	18 inch	33.22	12.08	207.00	201.20
P-36	D-36	D-37	68.00	N/A	N/A	N/A	1.89	N/A	18 inch	18.01	7.68	192.00	190.00



D-43



P-42

D-42



P-41

D-41



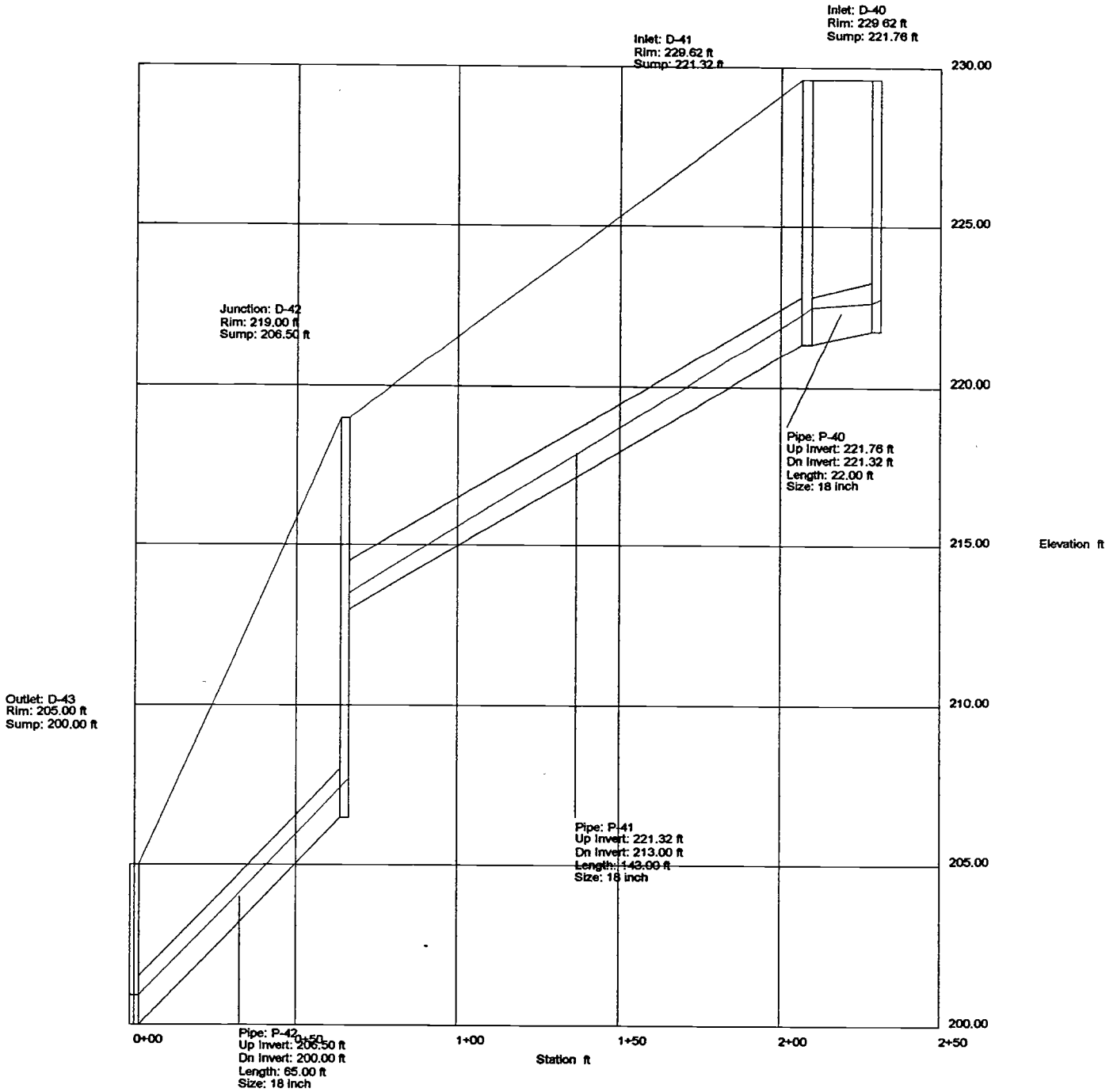
P-40

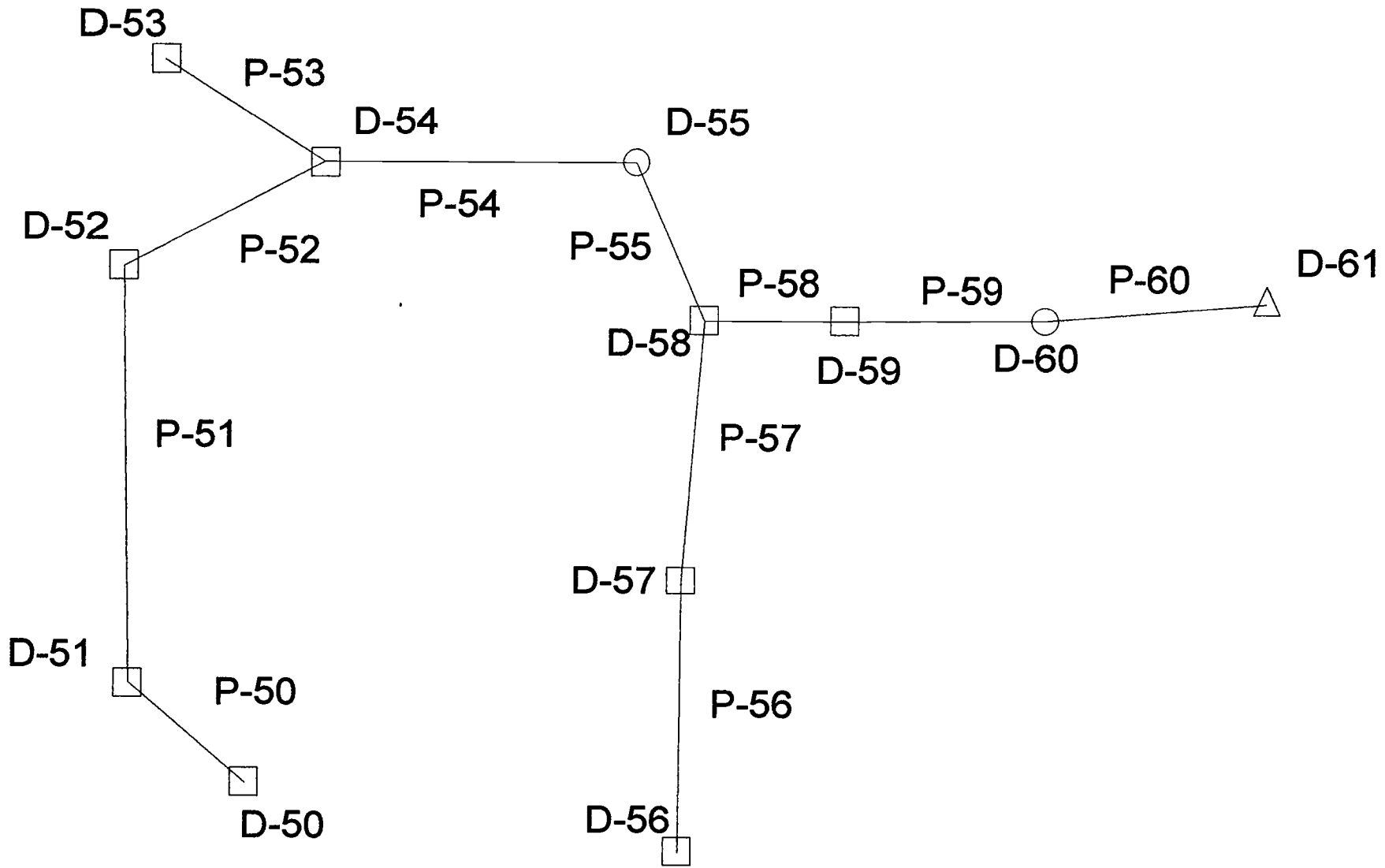
D-40



Combined Pipe/Node Report

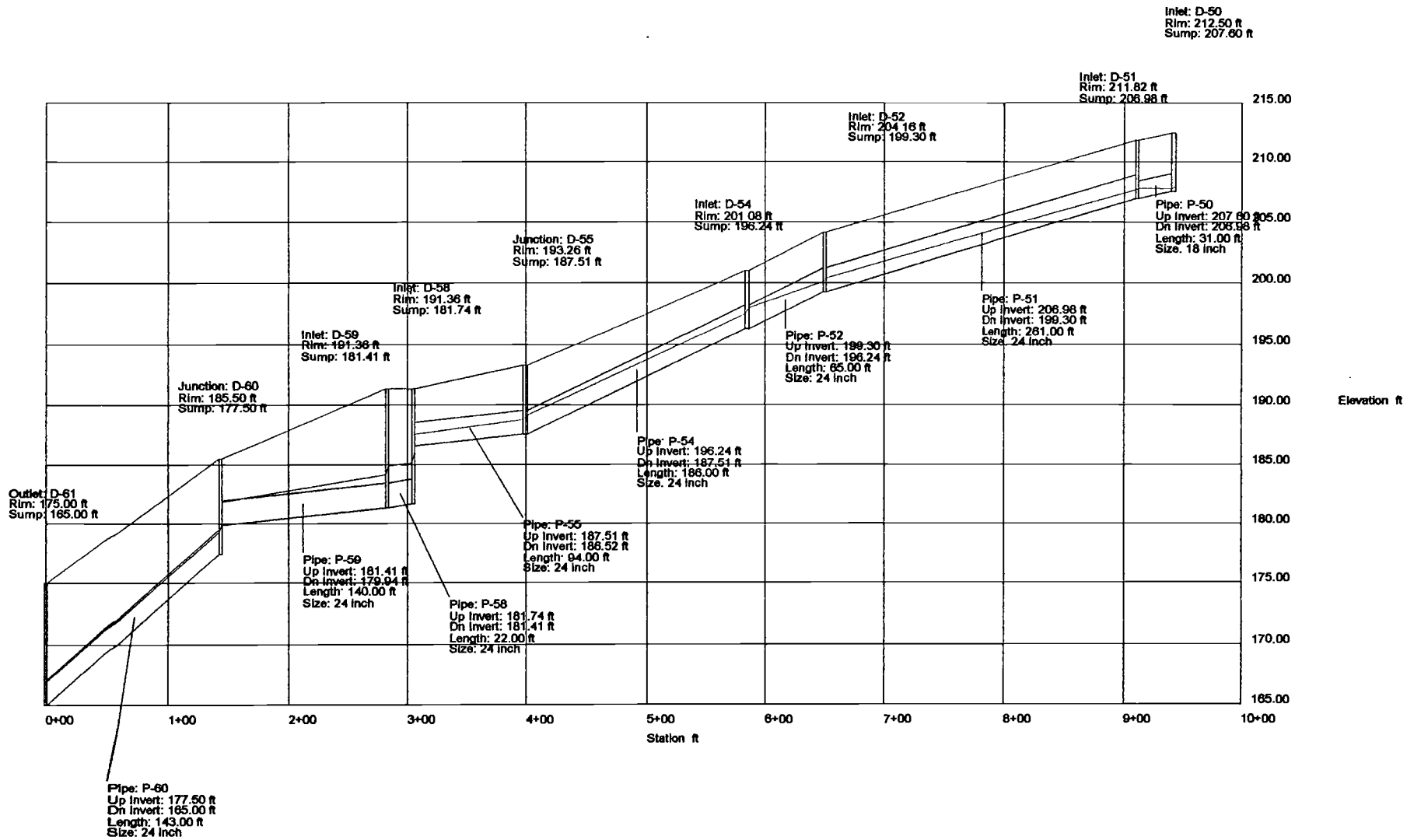
Pipe	Upstream Node	Downstream Node	Length (ft)	Inlet Area (acres)	Inlet C	Inlet CA (acres)	Total CA (acres)	Inlet Discharge (cfs)	Section Size	Capacity (cfs)	Average Velocity (ft/s)	Upstream Invert Elevation (ft)	Downstream Invert Elevation (ft)
P-40	D-40	D-41	22.00	1.54	0.42	0.65	0.65	4.81	18 inch	14.85	3.96	221.76	221.32
P-41	D-41	D-42	143.00	0.30	0.50	0.15	0.80	1.10	18 inch	25.34	8.38	221.32	213.00
P-42	D-42	D-43	65.00	N/A	N/A	N/A	0.80	N/A	18 inch	33.22	5.06	206.50	200.00

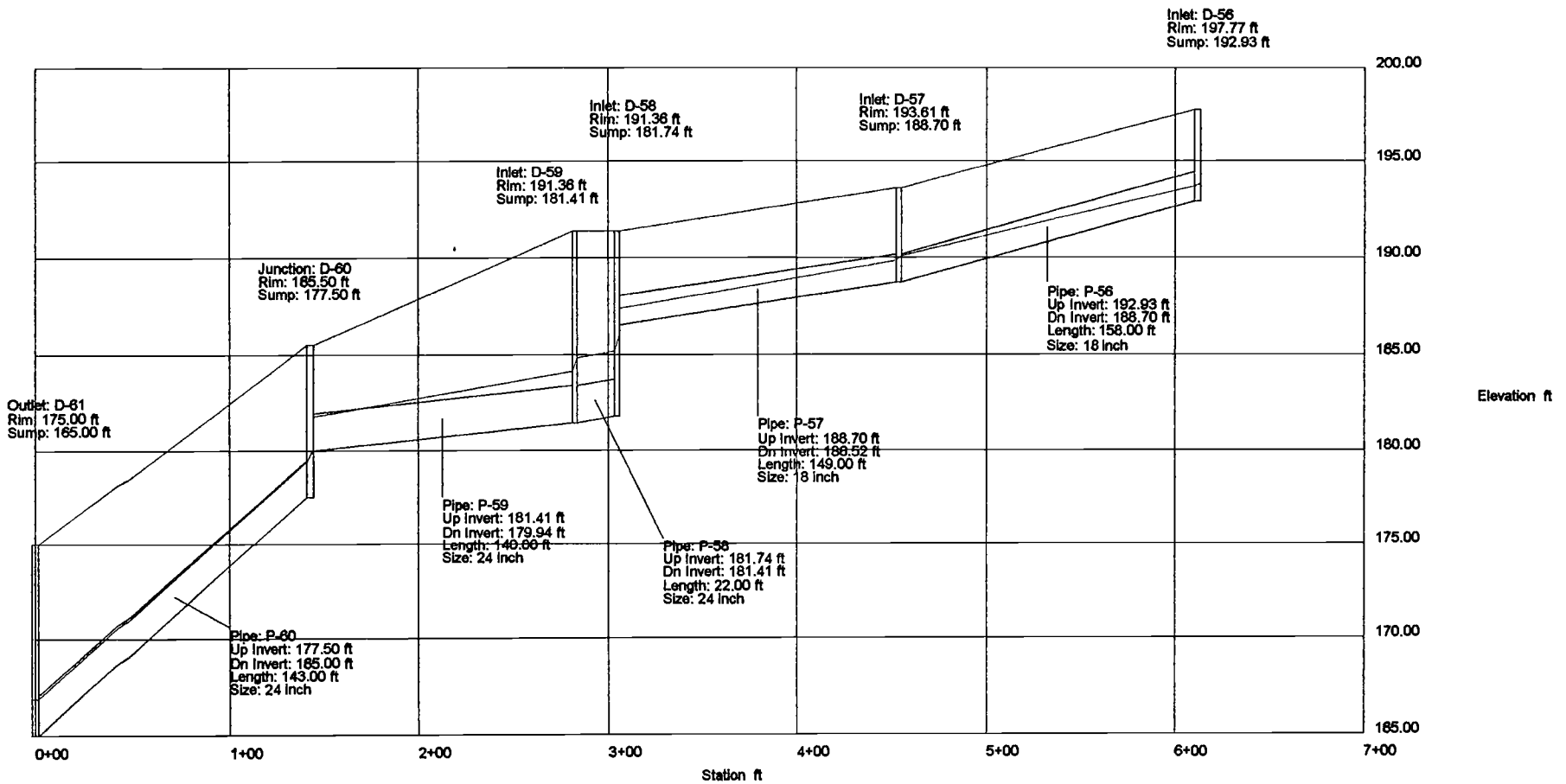


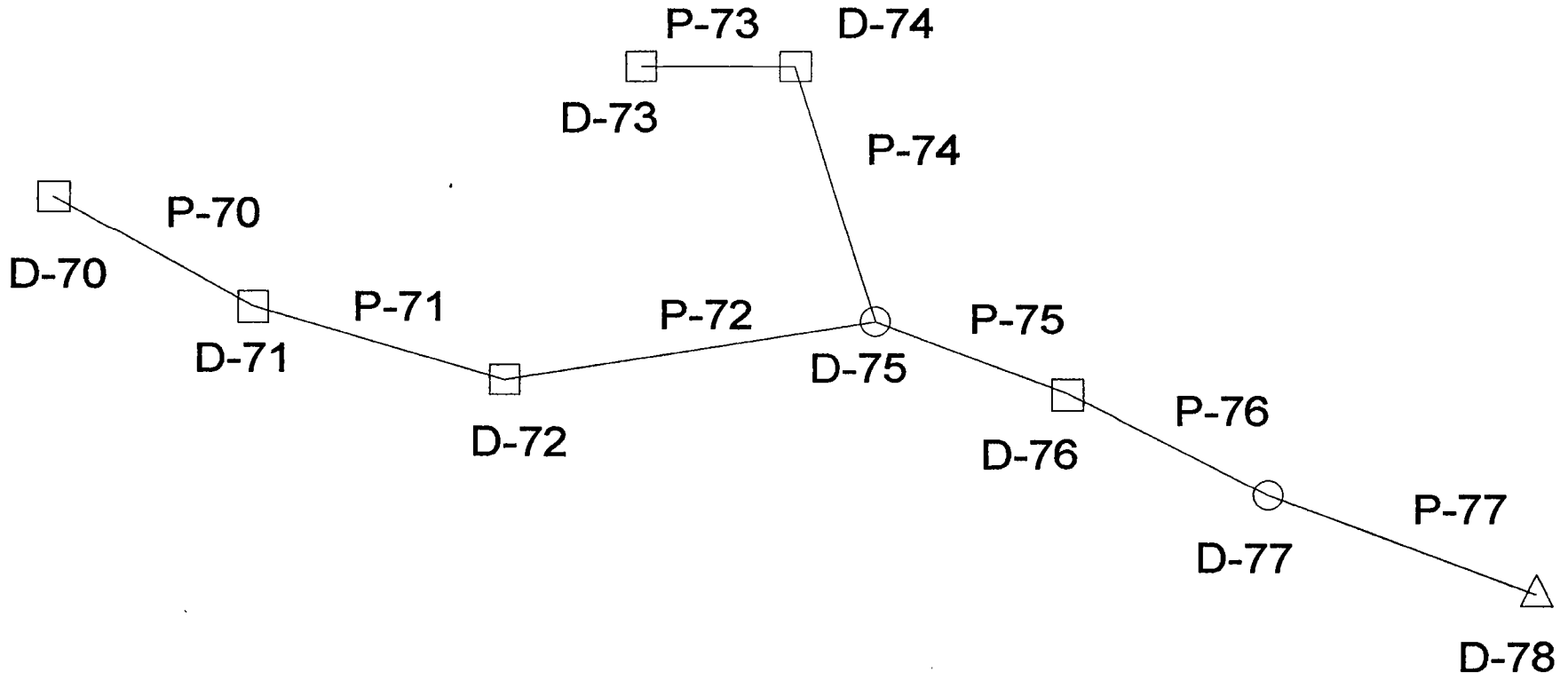


Combined Pipe/Node Report

Pipe	Upstream Node	Downstream Node	Length (ft)	Inlet Area (acres)	Inlet C	Inlet CA (acres)	Total CA (acres)	Inlet Discharge (cfs)	Section Size	Capacity (cfs)	Average Velocity (ft/s)	Upstream Invert Elevation (ft)	Downstream Invert Elevation (ft)
P-56	D-56	D-57	158.00	1.02	0.56	0.57	0.57	4.21	18 inch	17.19	3.49	192.93	188.70
P-57	D-57	D-58	149.00	0.96	0.57	0.55	1.12	4.06	18 inch	12.71	6.72	188.70	186.52
P-53	D-53	D-54	47.00	0.77	0.54	0.42	0.42	3.06	18 inch	23.03	2.89	198.50	196.24
P-50	D-50	D-51	31.00	0.18	0.45	0.08	0.08	0.60	18 inch	14.85	1.55	207.60	206.98
P-51	D-51	D-52	261.00	0.95	0.52	0.49	0.57	3.61	24 inch	38.80	3.17	206.98	199.30
P-52	D-52	D-54	65.00	0.85	0.50	0.43	1.00	3.13	24 inch	49.08	3.61	199.30	196.24
P-54	D-54	D-55	186.00	1.04	0.45	0.47	1.88	3.46	24 inch	49.01	5.42	196.24	187.51
P-55	D-55	D-58	94.00	N/A	N/A	N/A	1.88	N/A	24 inch	23.21	6.79	187.51	186.52
P-58	D-58	D-59	22.00	1.46	0.51	0.75	3.76	5.52	24 inch	27.71	8.12	181.74	181.41
P-59	D-59	D-60	140.00	0.97	0.55	0.53	4.29	3.91	24 inch	23.18	9.42	181.41	179.94
P-60	D-60	D-61	143.00	N/A	N/A	N/A	4.29	N/A	24 inch	66.88	9.53	177.50	165.00

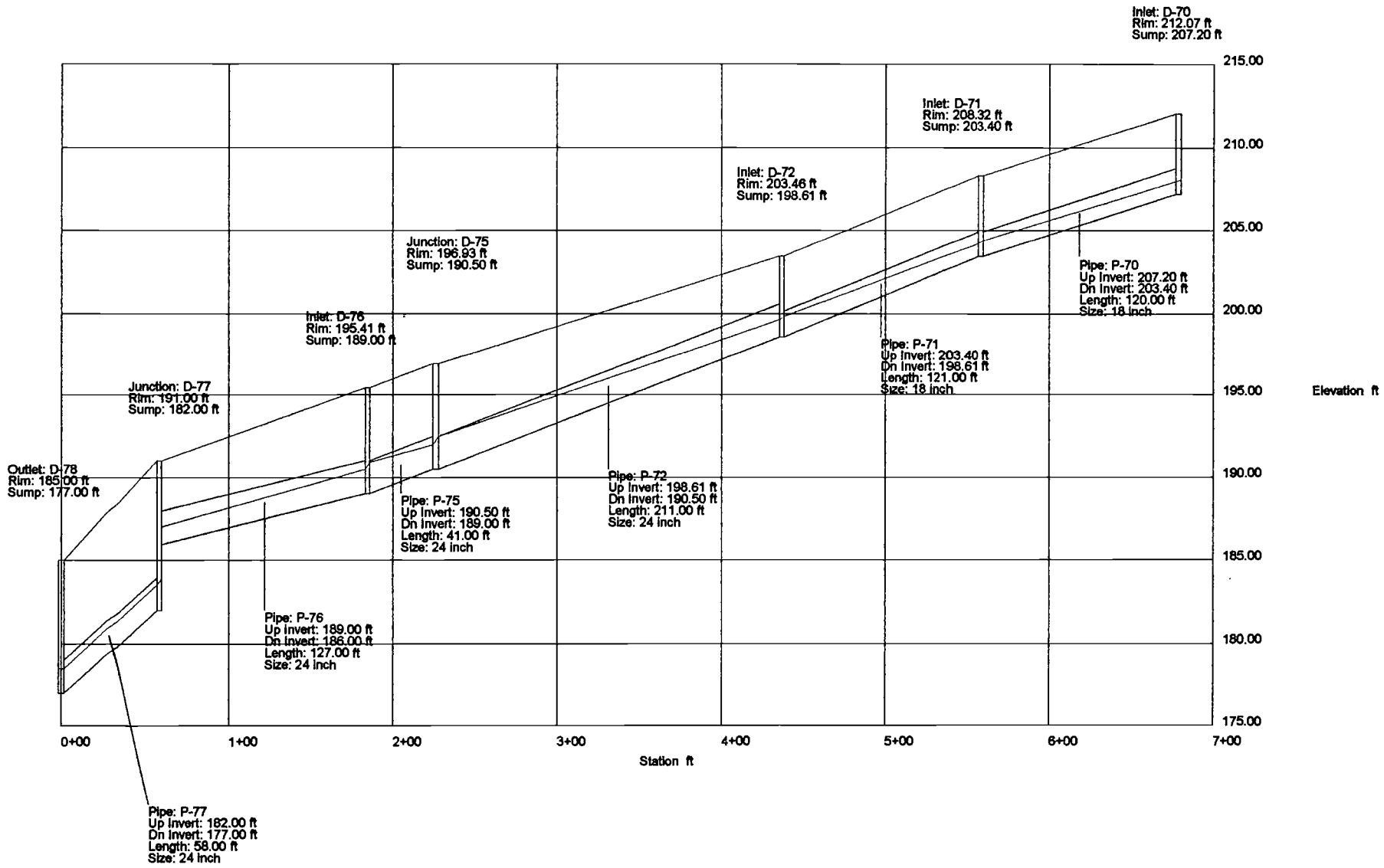


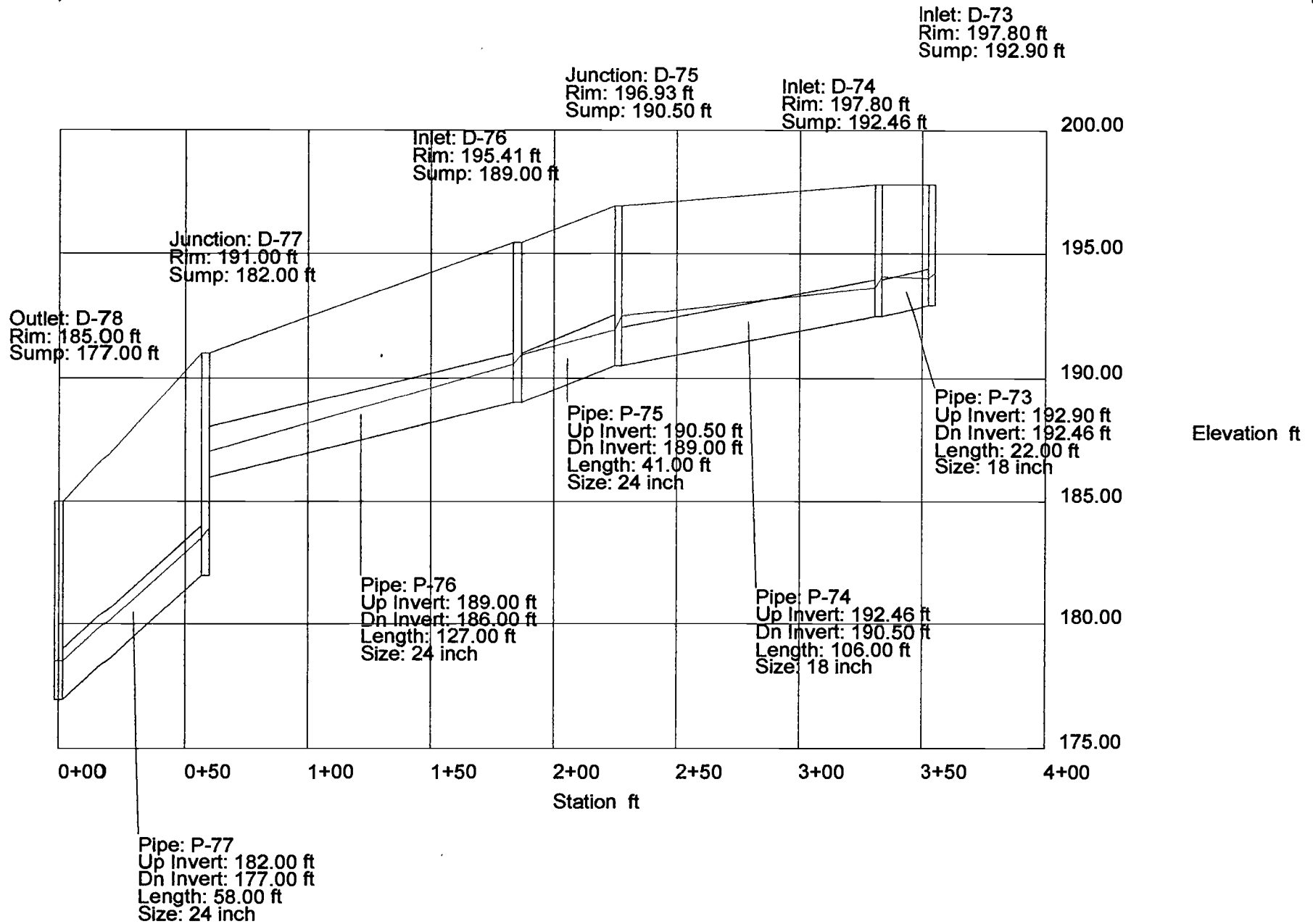


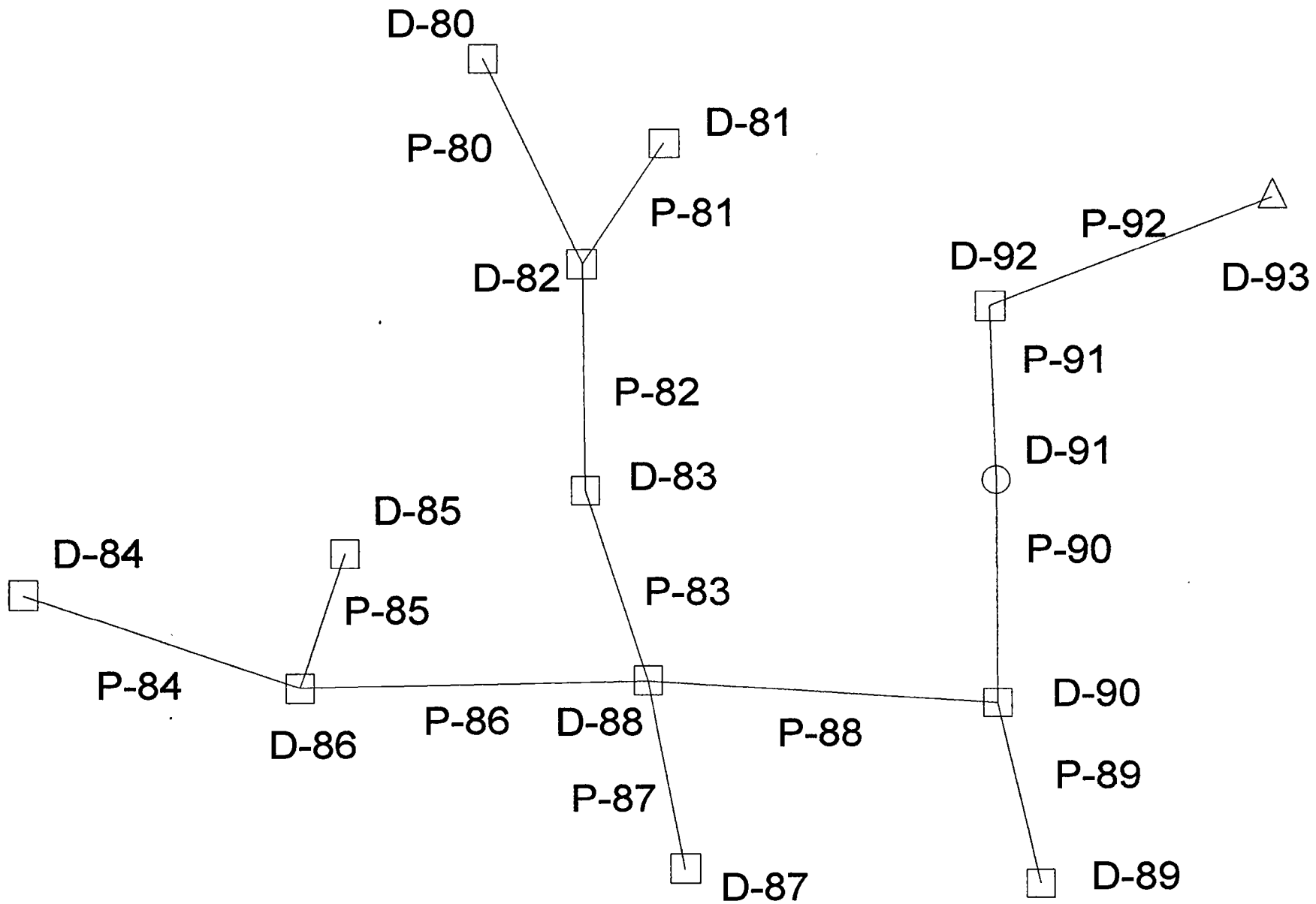


Combined Pipe/Node Report

Pipe	Upstream Node	Downstream Node	Length (ft)	Inlet Area (acres)	Inlet C	Inlet CA (acres)	Total CA (acres)	Inlet Discharge (cfs)	Section Size	Capacity (cfs)	Average Velocity (ft/s)	Upstream Invert Elevation (ft)	Downstream Invert Elevation (ft)
P-73	D-73	D-74	22.00	2.09	0.51	1.06	1.06	7.82	18 inch	14.85	5.07	192.90	192.46
P-74	D-74	D-75	106.00	0.29	0.48	0.14	1.20	1.03	18 inch	14.28	5.54	192.46	190.50
P-70	D-70	D-71	120.00	0.98	0.51	0.50	0.50	3.65	18 inch	18.69	3.56	207.20	203.40
P-71	D-71	D-72	121.00	0.27	0.51	0.14	0.63	1.00	18 inch	20.90	3.81	203.40	198.61
P-72	D-72	D-75	211.00	0.85	0.52	0.44	1.07	3.24	24 inch	44.35	3.71	198.61	190.50
P-75	D-75	D-76	41.00	N/A	N/A	N/A	2.28	N/A	24 inch	43.27	5.84	190.50	189.00
P-76	D-76	D-77	127.00	0.61	0.52	0.32	2.59	2.33	24 inch	34.77	9.05	189.00	186.00
P-77	D-77	D-78	58.00	N/A	N/A	N/A	2.59	N/A	24 inch	66.42	6.95	182.00	177.00

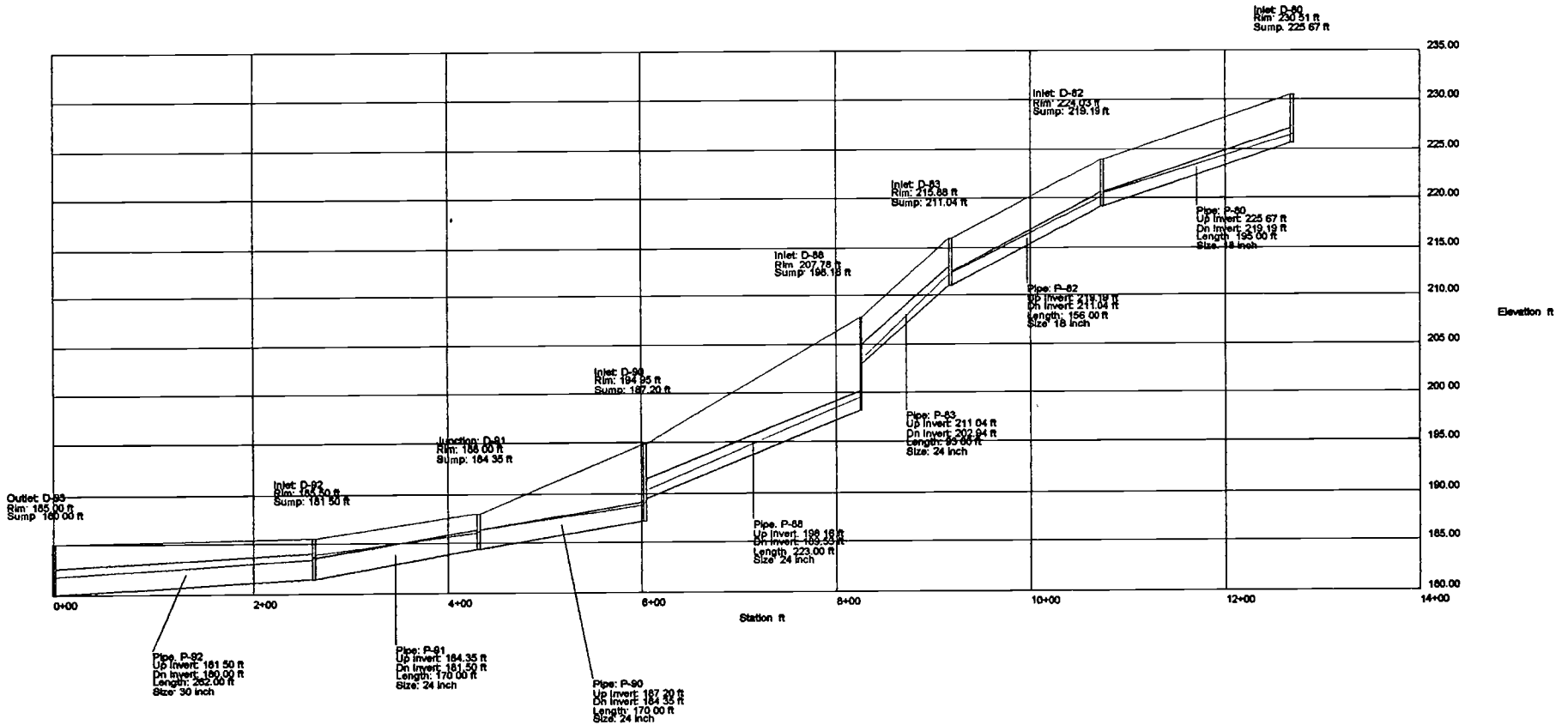


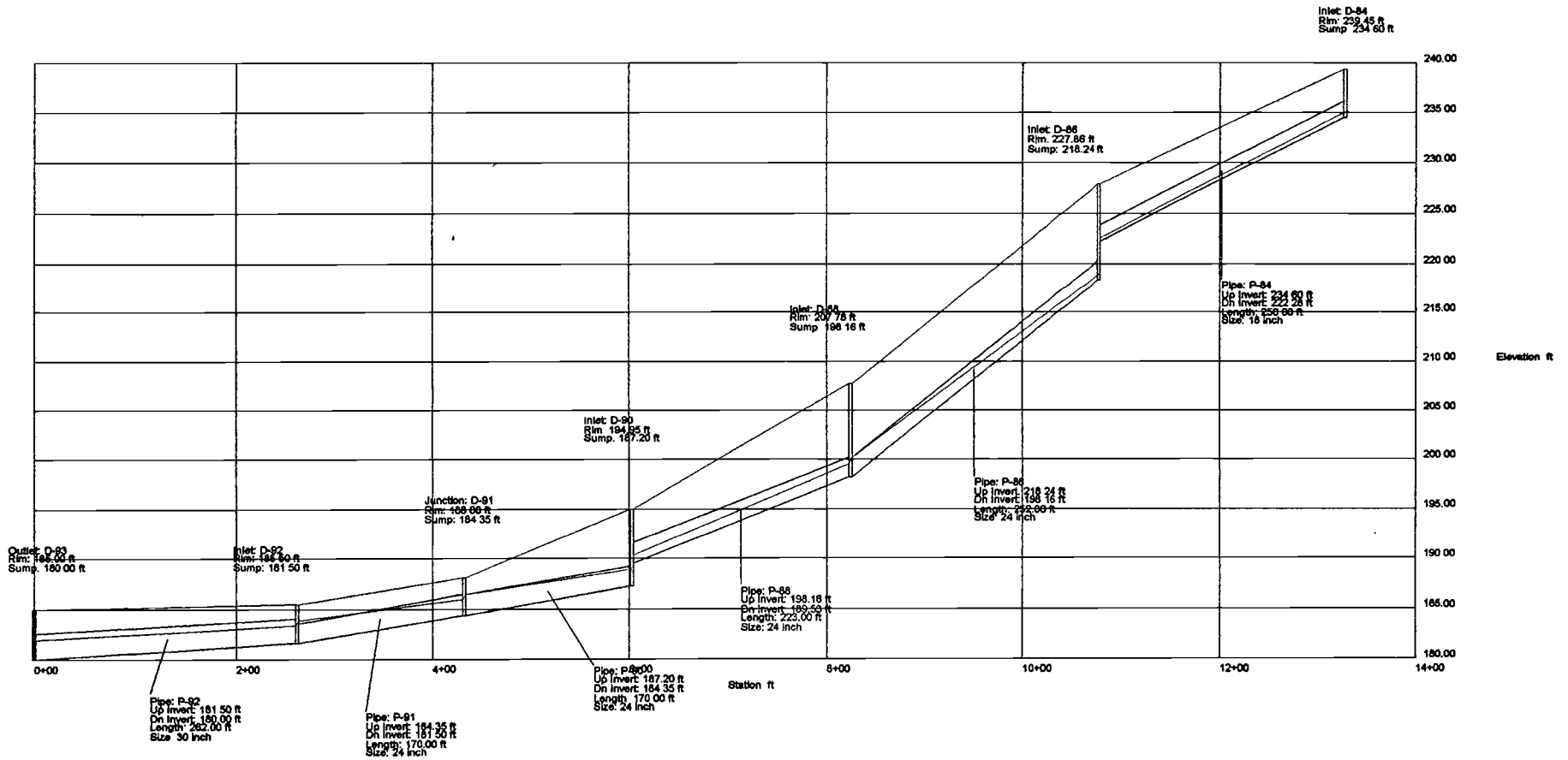




Combined Pipe/Node Report

Pipe	Upstream Node	Downstream Node	Length (ft)	Inlet Area (acres)	Inlet C	Inlet CA (acres)	Total CA (acres)	Inlet Discharge (cfs)	Section Size	Capacity (cfs)	Average Velocity (ft/s)	Upstream Invert Elevation (ft)	Downstream Invert Elevation (ft)
P-89	D-89	D-90	78.00	2.34	0.28	0.66	0.66	4.88	18 inch	14.85	3.94	189.87	188.31
P-87	D-87	D-88	87.00	0.59	0.42	0.25	0.25	1.81	18 inch	18.64	2.23	200.90	198.16
P-81	D-81	D-82	26.00	0.26	0.55	0.14	0.14	1.04	18 inch	15.55	0.76	219.76	219.19
P-80	D-80	D-82	195.00	1.36	0.45	0.61	0.61	4.48	18 inch	19.15	3.56	225.67	219.19
P-82	D-82	D-83	156.00	0.66	0.51	0.33	1.09	2.46	18 inch	24.01	5.17	219.19	211.04
P-83	D-83	D-88	93.00	0.65	0.36	0.24	1.32	1.73	24 inch	66.76	10.15	211.04	202.94
P-85	D-85	D-86	37.00	0.47	0.39	0.18	0.18	1.35	18 inch	14.85	4.20	223.02	222.28
P-84	D-84	D-86	250.00	0.39	0.51	0.20	0.20	1.46	18 inch	23.32	5.29	234.60	222.28
P-86	D-86	D-88	252.00	0.47	0.61	0.29	0.67	2.13	24 inch	63.86	2.92	218.24	198.16
P-88	D-88	D-90	223.00	0.58	0.54	0.31	2.55	2.29	24 inch	44.50	10.12	198.16	189.53
P-90	D-90	D-91	170.00	0.29	0.74	0.22	3.43	1.59	24 inch	29.29	7.81	187.20	184.35
P-91	D-91	D-92	170.00	N/A	N/A	N/A	3.43	N/A	24 inch	29.29	7.74	184.35	181.50
P-92	D-92	D-93	262.00	3.56	0.34	1.22	4.65	8.99	30 inch	31.03	7.49	181.50	180.00





D-102



P-101

D-101



P-100

D-100



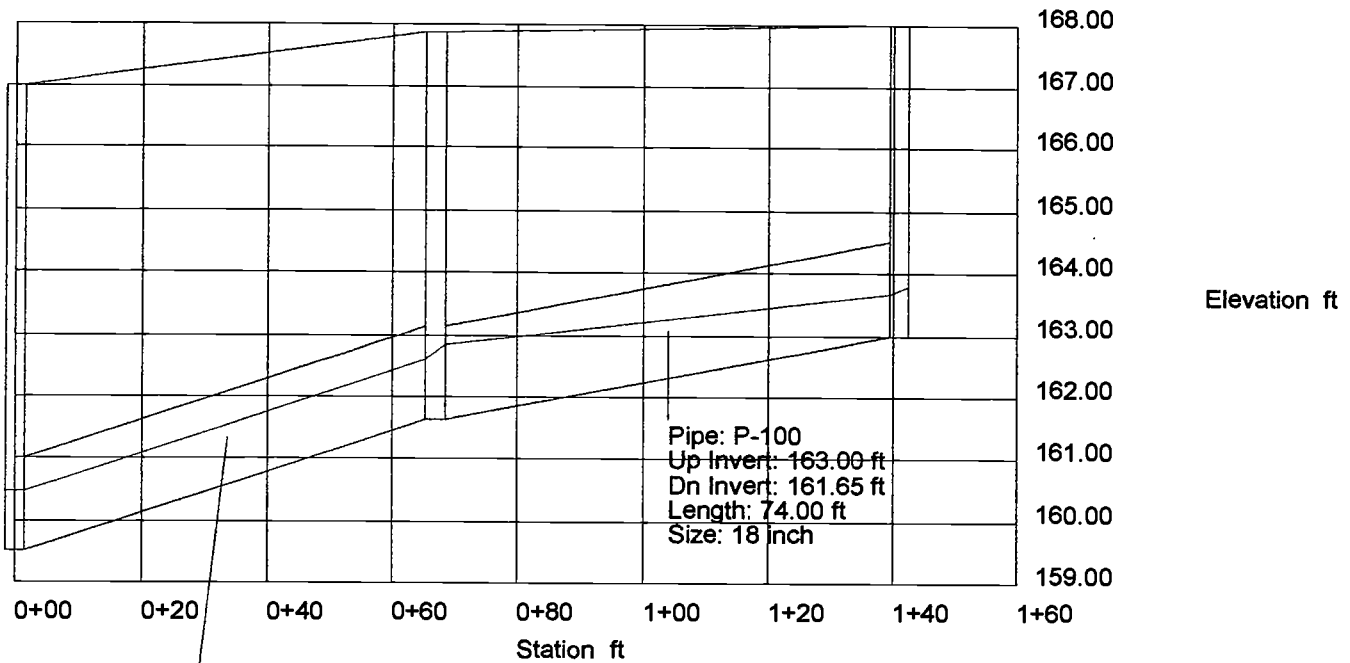
Combined Pipe/Node Report

Pipe	Upstream Node	Downstream Node	Length (ft)	Inlet Area (acres)	Inlet C	Inlet CA (acres)	Total CA (acres)	Inlet Discharge (cfs)	Section Size	Capacity (cfs)	Average Velocity (ft/s)	Upstream Invert Elevation (ft)	Downstream Invert Elevation (ft)
P-100	D-100	D-101	74.00	0.91	0.47	0.43	0.43	3.16	18 inch	14.19	3.08	163.00	161.65
P-101	D-101	D-102	67.00	0.88	0.46	0.41	0.84	3.01	18 inch	18.82	5.14	161.65	159.50

Outlet: D-102
Rim: 167.00 ft
Sump: 159.50 ft

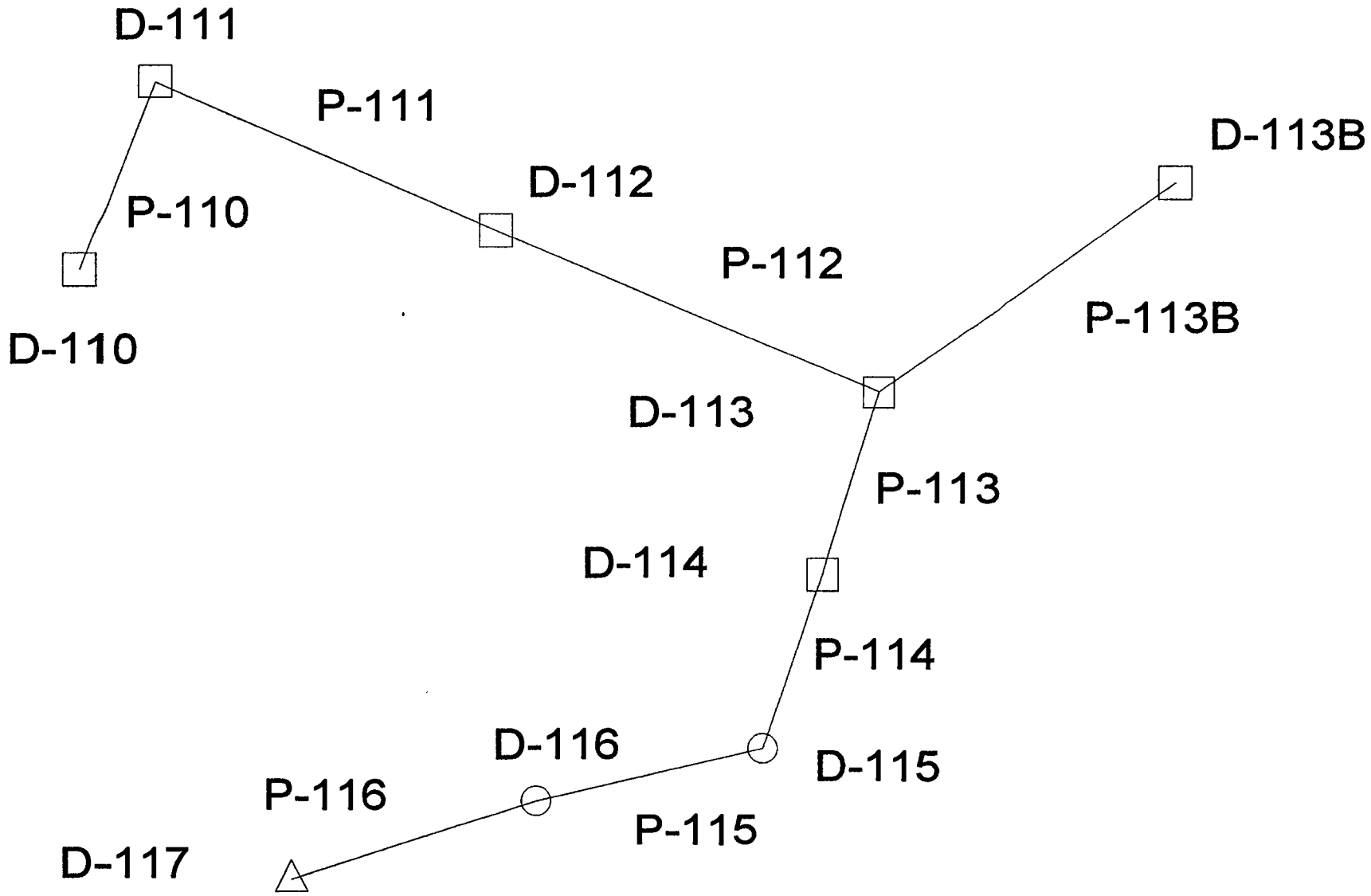
Inlet: D-101
Rim: 167.87 ft
Sump: 161.65 ft

Inlet: D-100
Rim: 167.99 ft
Sump: 163.00 ft



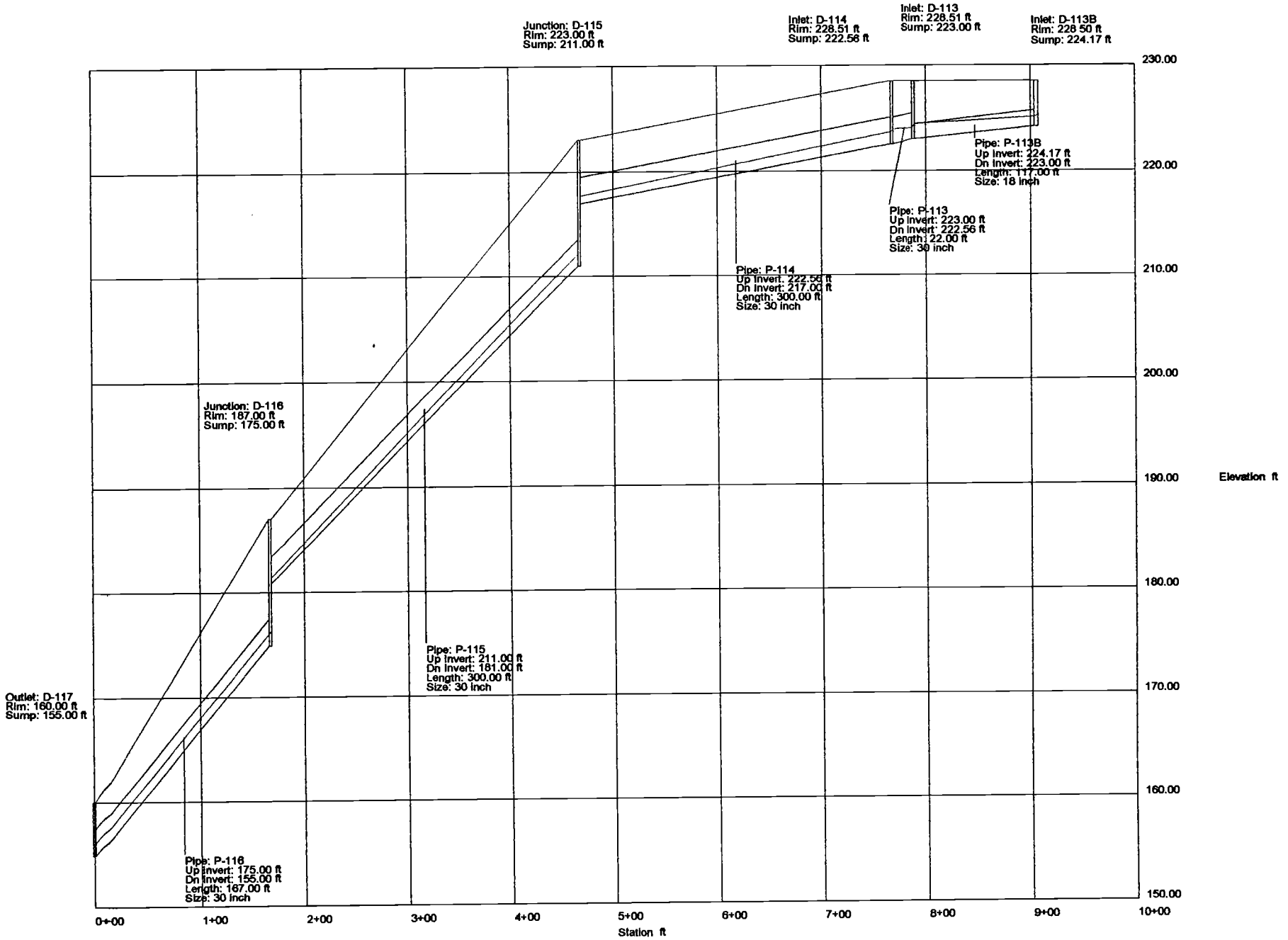
Pipe: P-101
Up Invert: 161.65 ft
Dn Invert: 159.50 ft
Length: 67.00 ft
Size: 18 inch

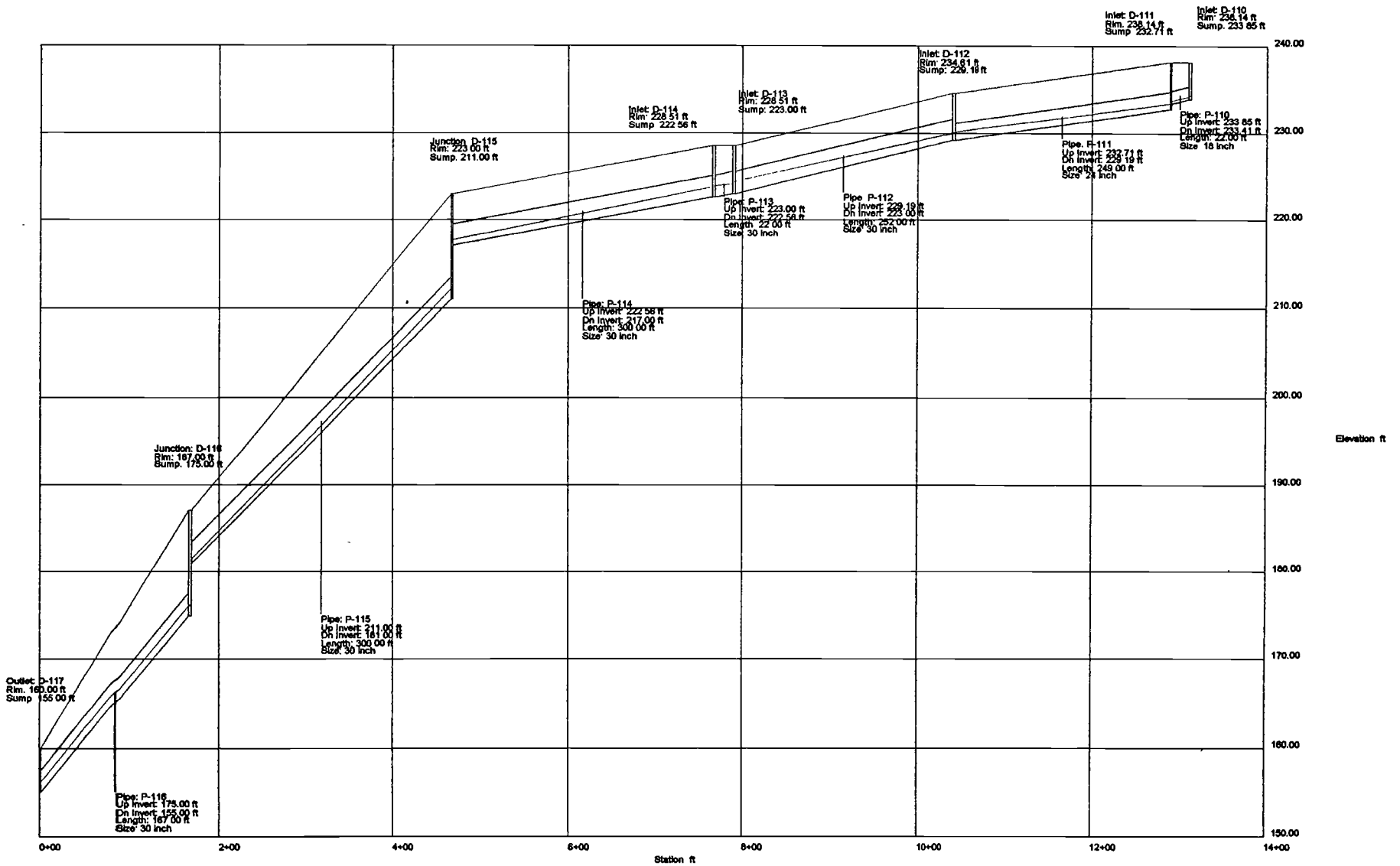
Pipe: P-100
Up Invert: 163.00 ft
Dn Invert: 161.65 ft
Length: 74.00 ft
Size: 18 inch



Combined Pipe/Node Report

Pipe	Upstream Node	Downstream Node	Length (ft)	Inlet Area (acres)	Inlet C	Inlet CA (acres)	Total CA (acres)	Inlet Discharge (cfs)	Section Size	Capacity (cfs)	Average Velocity (ft/s)	Upstream Invert Elevation (ft)	Downstream Invert Elevation (ft)
P-110	D-110	D-111	22.00	0.31	0.49	0.15	0.15	1.12	18 inch	14.85	3.94	233.85	233.41
P-111	D-111	D-112	249.00	1.72	0.25	0.43	0.59	3.19	24 inch	26.90	3.69	232.71	229.19
P-112	D-112	D-113	252.00	0.41	0.33	0.13	0.72	0.99	30 inch	64.28	2.95	229.19	223.00
P-113B	D-113B	D-113	117.00	3.58	0.20	0.72	0.72	5.27	18 inch	10.50	3.94	224.17	223.00
P-113	D-113	D-114	22.00	0.20	0.46	0.09	1.53	0.68	30 inch	58.00	4.41	223.00	222.56
P-114	D-114	D-115	300.00	0.34	0.51	0.17	1.70	1.27	30 inch	55.84	7.14	222.56	217.00
P-115	D-115	D-116	300.00	N/A	N/A	N/A	1.70	N/A	30 inch	129.70	10.76	211.00	181.00
P-116	D-116	D-117	167.00	N/A	N/A	N/A	1.70	N/A	30 inch	141.94	5.25	175.00	155.00





Licensed to: Farner Barley & Assoc Inc., Tavares, FL 32778

Project : LEGENDS

Sta 30+72

INPUT

Intens.= 4.00 C1=0.56 A1= 0.31 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
CB ID = D10 C2=0.00 A2= 0.00 Qrunoff= 0.7 Slope2= 0.1070 a = 5.50 Lgrate= 8.00
Com P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0189 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT

Flowby= 0.0 Qtotal= 0.7 Qint= 0.7 Flowby dn= 0.0 Depth=0.19 Spread= 3.02 Veloc= 3.58

Sta 33+21

INPUT

Intens.= 3.50 C1=0.40 A1= 0.38 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
CB ID = D13 C2=0.00 A2= 0.00 Qrunoff= 0.5 Slope2= 0.1070 a = 5.50 Lgrate= 8.00
Com P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0189 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT

Flowby= 0.0 Qtotal= 0.5 Qint= 0.5 Flowby dn= 0.0 Depth=0.17 Spread= 2.17 Veloc= 3.57

Sta 34+13

INPUT

Intens.= 3.50 C1=0.30 A1= 0.53 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
CB ID = D12 C2=0.00 A2= 0.00 Qrunoff= 0.6 Slope2= 0.1070 a = 5.50 Lgrate= 8.00
Com P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0189 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT

Flowby= 0.0 Qtotal= 0.6 Qint= 0.6 Flowby dn= 0.0 Depth=0.18 Spread= 2.32 Veloc= 3.57

CRITERIA

Runoff computed by Rational Method Manning's n Gutter=0.013 Manning's n Pavement=0.022
Clogging Factors in Sag Location:

----- Curb Opening= 1.25 Grate= 2.00 Slotted Drain= 1.00 Comb-Curb= 1.25 Comb-Grate= 2.00

Clogging Factors on Continuous Grade:

----- Curb Opening= 1.25 Grate= 2.00 Slotted Drain= 1.25 Comb-Curb= 1.25 Comb-Grate= 2.00

Prepared by: Date:08/21/98 Time:02:44:20 Checked by: Date:
Pavement Drainage Program (C), 1991 Copyright by SMP Engineering Corporation, Phoenix, AZ

Licensed to: Farner Barley & Assoc Inc., Tavares, FL 32778

Project : LEGENDS

Sta 15+42 INPUT
 Intens.= 4.00 C1=0.44 A1= 0.34 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
 CB ID = D16 C2=0.00 A2= 0.00 Qrunoff= 0.6 Slope2= 0.1070 a = 5.50 Lgrate= 8.00
 Con P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0245 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT
 Flowby= 0.0 Qtotal= 0.6 Qint= 0.6 Flowby dn= 0.0 Depth=0.17 Spread= 2.12 Veloc= 4.08

Sta 11+19 INPUT
 Intens.= 4.00 C1=0.51 A1= 0.29 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
 CB ID = D19 C2=0.00 A2= 0.00 Qrunoff= 0.6 Slope2= 0.1070 a = 5.50 Lgrate= 8.00
 Con P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0309 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT
 Flowby= 0.0 Qtotal= 0.6 Qint= 0.6 Flowby dn= 0.0 Depth=0.16 Spread= 1.72 Veloc= 4.51

INPUT
 End of this reach of Catch Basins
 Flowby dn flows to Catch Basin D21

OUTPUT
 Flowby dn= 0.0

Sta 17+14 INPUT
 Intens.= 4.00 C1=0.43 A1= 1.06 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
 CB ID = D15 C2=0.00 A2= 0.00 Qrunoff= 1.8 Slope2= 0.1070 a = 5.50 Lgrate= 8.00
 Con P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0245 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT
 Flowby= 0.0 Qtotal= 1.8 Qint= 1.8 Flowby dn= 0.0 Depth=0.25 Spread= 5.92 Veloc= 4.00

Sta 15+18 INPUT
 Intens.= 4.00 C1=0.45 A1= 0.80 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
 CB ID = D17 C2=0.00 A2= 0.00 Qrunoff= 1.5 Slope2= 0.1070 a = 5.50 Lgrate= 8.00
 Con P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0200 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT
 Flowby= 0.0 Qtotal= 1.5 Qint= 1.5 Flowby dn= 0.0 Depth=0.24 Spread= 5.42 Veloc= 3.61

INPUT
 End of this reach of Catch Basins
 Flowby dn flows to Catch Basin D18

OUTPUT
 Flowby dn= 0.0

Sta 30+72 INPUT
 Intens.= 4.00 C1=0.56 A1= 0.31 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
 CB ID = D11 C2=0.00 A2= 0.00 Qrunoff= 0.7 Slope2= 0.1070 a = 5.50 Lgrate= 8.00
 Con P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0189 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT
 Flowby= 0.0 Qtotal= 0.7 Qint= 0.7 Flowby dn= 0.0 Depth=0.19 Spread= 3.02 Veloc= 3.58

Licensed to: Farner Barley & Assoc Inc., Tavares, FL 32778

Project : LEGENDS

Sta 33+21 INPUT
 Intens.= 4.00 C1=0.57 A1= 0.20 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
 CB ID = D14 C2=0.00 A2= 0.00 Qrunoff= 0.5 Slope2= 0.1070 a = 5.50 Lgrate= 8.00
 Com P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0189 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT
 Flowby= 0.0 Qtotal= 0.5 Qint= 0.5 Flowby dn= 0.0 Depth=0.16 Spread= 1.67 Veloc= 3.53

Sta 12+55 INPUT
 Intens.= 4.00 C1=0.42 A1= 1.29 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
 CB ID = D18 C2=0.00 A2= 0.00 Qrunoff= 2.2 Slope2= 0.1070 a = 5.50 Lgrate= 8.00
 Com P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0280 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT
 Flowby= 0.0 Qtotal= 2.2 Qint= 2.2 Flowby dn= 0.0 Depth=0.26 Spread= 6.32 Veloc= 4.29

Sta 11+07 INPUT
 Intens.= 4.00 C1=0.41 A1= 0.93 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
 CB ID = D20 C2=0.00 A2= 0.00 Qrunoff= 1.5 Slope2= 0.1070 a = 5.50 Lgrate= 8.00
 Com P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0309 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT
 Flowby= 0.0 Qtotal= 1.5 Qint= 1.5 Flowby dn= 0.0 Depth=0.23 Spread= 4.87 Veloc= 4.47

Sta 9+69 INPUT
 Intens.= 4.00 C1=0.47 A1= 1.02 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
 CB ID = D21 C2=0.00 A2= 0.00 Qrunoff= 1.9 Slope2= 0.1070 a = 5.50 Lgrate= 4.00
 Com P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0000 Slope3= 0.0200 W = 2.00 Length=18.00

OUTPUT
 Flowby= 0.0 Qtotal= 1.9 Qint= 1.9 Flowby dn= 0.0 Depth=0.11 Spread= 0.99 Veloc= 0.00

CRITERIA

Runoff computed by Rational Method Manning's n Gutter=0.013 Manning's n Pavement=0.022
 Clogging Factors in Sag Location:
 ----- Curb Opening= 1.25 Grate= 2.00 Slotted Drain= 1.00 Comb-Curb= 1.25 Comb-Grate= 2.00
 Clogging Factors on Continuous Grade:
 ----- Curb Opening= 1.25 Grate= 2.00 Slotted Drain= 1.25 Comb-Curb= 1.25 Comb-Grate= 2.00

Prepared by: Date:08/21/98 Time:02:43:16 Checked by: Date:
 Pavement Drainage Program (C), 1991 Copyright by SMF Engineering Corporation, Phoenix, AZ

Licensed to: Farner Barley & Assoc Inc., Tavares, FL 32778

Project : LEGENDS

Sta 19+72

INPUT

Intens.= 4.00 C1=0.52 A1= 0.50 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
CB ID = D30 C2=0.00 A2= 0.00 Qrunoff= 1.0 Slope2= 0.1070 a = 5.50 Lgrate= 8.00
Com P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0104 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT

Flowby= 0.0 Qtotal= 1.0 Qint= 1.0 Flowby dn= 0.0 Depth=0.24 Spread= 5.42 Veloc= 2.61

Sta 22+21

INPUT

Intens.= 3.50 C1=0.48 A1= 1.11 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
CB ID = D31 C2=0.00 A2= 0.00 Qrunoff= 1.9 Slope2= 0.1070 a = 5.50 Lgrate= 8.00
Com P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0191 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT

Flowby= 0.0 Qtotal= 1.9 Qint= 1.9 Flowby dn= 0.0 Depth=0.26 Spread= 6.47 Veloc= 3.56

Sta 24+56

INPUT

Intens.= 3.50 C1=0.47 A1= 1.63 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
CB ID = D33 C2=0.00 A2= 0.00 Qrunoff= 2.7 Slope2= 0.1070 a = 5.50 Lgrate= 4.00
Com P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0000 Slope3= 0.0200 W = 2.00 Length=18.00

OUTPUT

Flowby= 0.0 Qtotal= 2.7 Qint= 2.7 Flowby dn= 0.0 Depth=0.13 Spread= 1.24 Veloc= 0.00

CRITERIA

Runoff computed by Rational Method Manning's n Gutter=0.013 Manning's n Pavement=0.022

Clogging Factors in Sag Location:

----- Curb Opening= 1.25 Grate= 2.00 Slotted Drain= 1.00 Comb-Curb= 1.25 Comb-Grate= 2.00

Clogging Factors on Continuous Grade:

----- Curb Opening= 1.25 Grate= 2.00 Slotted Drain= 1.25 Comb-Curb= 1.25 Comb-Grate= 2.00

Prepared by: Date:08/21/98 Time:02:46:59 Checked by: Date:
Pavement Drainage Program (C), 1991 Copyright by SMF Engineering Corporation, Phoenix, AZ

Licensed to: Farner Barley & Assoc Inc., Tavares, FL 32778

Project : LEGENDS

Sta 22+54

INPUT

Intens.= 4.00 C1=0.50 A1= 0.37 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
 CB ID = D32 C2=0.00 A2= 0.00 Qrunoff= 0.7 Slope2= 0.1070 a = 5.50 Lgrate= 8.00
 Com P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0191 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT

Flowby= 0.0 Qtotal= 0.7 Qint= 0.7 Flowby dn= 0.0 Depth=0.19 Spread= 3.22 Veloc= 3.58

Sta 24+56

INPUT

Intens.= 4.00 C1=0.52 A1= 0.28 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
 CB ID = D34 C2=0.00 A2= 0.00 Qrunoff= 0.6 Slope2= 0.1070 a = 5.50 Lgrate= 4.00
 Com P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0000 Slope3= 0.0200 W = 2.00 Length=18.00

OUTPUT

Flowby= 0.0 Qtotal= 0.6 Qint= 0.6 Flowby dn= 0.0 Depth=0.05 Spread= 0.45 Veloc= 0.00

CRITERIA

Runoff computed by Rational Method Manning's n Gutter=0.013 Manning's n Pavement=0.022

Clogging Factors in Sag Location:

----- Curb Opening= 1.25 Grate= 2.00 Slotted Drain= 1.00 Comb-Curb= 1.25 Comb-Grate= 2.00

Clogging Factors on Continuous Grade:

----- Curb Opening= 1.25 Grate= 2.00 Slotted Drain= 1.25 Comb-Curb= 1.25 Comb-Grate= 2.00

Prepared by:

Date:08/21/98

Time:02:47:40

Checked by:

Date:

Pavement Drainage Program (C), 1991 Copyright by SMF Engineering Corporation, Phoenix, AZ

Licensed to: Farner Barley & Assoc Inc., Tavares, FL 32778

Project : LEGENDS

Sta 28+33

INPUT

Intens.= 4.00 C1=0.42 A1= 1.54 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
 CB ID = D40 C2=0.00 A2= 0.00 Qrunoff= 2.6 Slope2= 0.1070 a = 5.50 Lgrate= 4.00
 Com P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0000 Slope3= 0.0200 W = 2.00 Length=18.00

OUTPUT

Flowby= 0.0 Qtotal= 2.6 Qint= 2.6 Flowby dn= 0.0 Depth=0.13 Spread= 1.21 Veloc= 0.00

CRITERIA

Runoff computed by Rational Method Manning's n Gutter=0.013 Manning's n Pavement=0.022

Clogging Factors in Sag Location:

----- Curb Opening= 1.25 Grate= 2.00 Slotted Drain= 1.00 Comb-Curb= 1.25 Comb-Grate= 2.00

Clogging Factors on Continuous Grade:

----- Curb Opening= 1.25 Grate= 2.00 Slotted Drain= 1.25 Comb-Curb= 1.25 Comb-Grate= 2.00

Prepared by: Date:08/21/98 Time:02:48:18 Checked by: Date:

Pavement Drainage Program (C), 1991 Copyright by SMF Engineering Corporation, Phoenix, AZ

Licensed to: Farner Barley & Assoc Inc., Tavares, FL 32778

Project : LEGENDS

Sta 28+33

INPUT

Intens.= 4.00 C1=0.50 A1= 0.30 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
CB ID = D41 C2=0.00 A2= 0.00 Qrunoff= 0.6 Slope2= 0.1070 a = 5.50 Lgrate= 4.00
Com P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0000 Slope3= 0.0200 W = 2.00 Length=18.00

OUTPUT

Flowby= 0.0 Qtotal= 0.6 Qint= 0.6 Flowby dn= 0.0 Depth=0.05 Spread= 0.46 Veloc= 0.00

CRITERIA

Runoff computed by Rational Method Manning's n Gutter=0.013 Manning's n Pavement=0.022
Clogging Factors in Sag Location:

----- Curb Opening= 1.25 Grate= 2.00 Slotted Drain= 1.00 Comb-Curb= 1.25 Comb-Grate= 2.00

Clogging Factors on Continuous Grade:

----- Curb Opening= 1.25 Grate= 2.00 Slotted Drain= 1.25 Comb-Curb= 1.25 Comb-Grate= 2.00

Prepared by: Date:08/21/98 Time:02:48:56 Checked by: Date:

Pavement Drainage Program (C), 1991 Copyright by SMF Engineering Corporation, Phoenix, AZ

Licensed to: Farner Barley & Assoc Inc., Tavares, FL 32778

Project : LEGENDS

Sta 14+47 INPUT
 Intens.= 4.00 C1=0.49 A1= 0.31 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
 CB ID = 110 C2=0.00 A2= 0.00 Qrunoff= 0.6 Slope2= 0.1070 a = 5.50 Lgrate= 8.00
 Com P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0142 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT
 Flowby= 0.0 Qtotal= 0.6 Qint= 0.6 Flowby dn= 0.0 Depth=0.19 Spread= 3.07 Veloc= 3.09

Sta 19+50 INPUT
 Intens.= 4.00 C1=0.51 A1= 0.34 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
 CB ID = 114 C2=0.00 A2= 0.00 Qrunoff= 0.7 Slope2= 0.1070 a = 5.50 Lgrate= 8.00
 Com P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0350 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT
 Flowby= 0.0 Qtotal= 0.7 Qint= 0.7 Flowby dn= 0.0 Depth=0.17 Spread= 2.02 Veloc= 4.87

INPUT
 End of this reach of Catch Basins
 Flowby dn flows to Catch Basin 54

OUTPUT
 Flowby dn= 0.0

Sta 44+32 INPUT
 Intens.= 4.00 C1=0.45 A1= 0.18 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
 CB ID = 50 C2=0.00 A2= 0.00 Qrunoff= 0.3 Slope2= 0.1070 a = 5.50 Lgrate= 8.00
 Com P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0326 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT
 Flowby= 0.0 Qtotal= 0.3 Qint= 0.3 Flowby dn= 0.0 Depth=0.13 Spread= 1.22 Veloc= 3.93

INPUT
 End of this reach of Catch Basins
 Flowby dn flows to Catch Basin 54

OUTPUT
 Flowby dn= 0.0

Sta 44+53 INPUT
 Intens.= 4.00 C1=0.52 A1= 0.95 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
 CB ID = 51 C2=0.00 A2= 0.00 Qrunoff= 2.0 Slope2= 0.1070 a = 5.50 Lgrate= 8.00
 Com P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0326 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT
 Flowby= 0.0 Qtotal= 2.0 Qint= 2.0 Flowby dn= 0.0 Depth=0.24 Spread= 5.67 Veloc= 4.64

Sta 47+14 INPUT
 Intens.= 4.00 C1=0.50 A1= 0.85 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
 CB ID = 52 C2=0.00 A2= 0.00 Qrunoff= 1.7 Slope2= 0.1070 a = 5.50 Lgrate= 8.00
 Com P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0260 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT
 Flowby= 0.0 Qtotal= 1.7 Qint= 1.7 Flowby dn= 0.0 Depth=0.24 Spread= 5.57 Veloc= 4.10

Licensed to: Farner Barley & Assoc Inc., Tavares, FL 32778

Project : LEGENDS

Sta 24+84

INPUT

Intens.= 4.00 C1=0.45 A1= 1.04 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
 CB ID = 54 C2=0.00 A2= 0.00 Qrunoff= 1.9 Slope2= 0.1070 a = 5.50 Lgrate= 8.00
 Con P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0640 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT

Flowby= 0.0 Qtotal= 1.9 Qint= 1.9 Flowby dn= 0.0 Depth=0.22 Spread= 4.27 Veloc= 6.54

INPUT

End of this reach of Catch Basins
 Flowby dn flows to Catch Basin 58

OUTPUT

Flowby dn= 0.0

Sta 30+99

INPUT

Intens.= 3.70 C1=0.56 A1= 1.02 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
 CB ID = 56 C2=0.00 A2= 0.00 Qrunoff= 2.1 Slope2= 0.1070 a = 5.50 Lgrate= 8.00
 Con P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0263 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT

Flowby= 0.0 Qtotal= 2.1 Qint= 2.1 Flowby dn= 0.0 Depth=0.26 Spread= 6.32 Veloc= 4.19

Sta 29+41

INPUT

Intens.= 4.00 C1=0.57 A1= 0.96 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
 CB ID = 57 C2=0.00 A2= 0.00 Qrunoff= 2.2 Slope2= 0.1070 a = 5.50 Lgrate= 8.00
 Con P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0263 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT

Flowby= 0.0 Qtotal= 2.2 Qint= 2.2 Flowby dn= 0.0 Depth=0.26 Spread= 6.47 Veloc= 4.18

Sta 27+92

INPUT

Intens.= 4.00 C1=0.51 A1= 1.46 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
 CB ID = 58 C2=0.00 A2= 0.00 Qrunoff= 3.0 Slope2= 0.1070 a = 5.50 Lgrate= 4.00
 Con P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0000 Slope3= 0.0200 W = 2.00 Length=18.00

OUTPUT

Flowby= 0.0 Qtotal= 3.0 Qint= 3.0 Flowby dn= 0.0 Depth=0.14 Spread= 1.33 Veloc= 0.00

CRITERIA

Runoff computed by Rational Method Manning's n Gutter=0.013 Manning's n Pavement=0.022

Clogging Factors in Sag Location:

----- Curb Opening= 1.25 Gate= 2.00 Slotted Drain= 1.00 Comb-Curb= 1.25 Comb-Grate= 2.00

Clogging Factors on Continuous Grade:

----- Curb Opening= 1.25 Gate= 2.00 Slotted Drain= 1.25 Comb-Curb= 1.25 Comb-Grate= 2.00

Prepared by: Date:08/21/98 Time:02:50:41 Checked by: Date:

Pavement Drainage Program (C), 1991 Copyright by SMF Engineering Corporation, Phoenix, AZ

Licensed to: Farner Barley & Assoc Inc., Tavares, FL 32778

Project : LEGENDS

Sta 37+92

INPUT

Intens.= 4.00 C1=0.51 A1= 0.27 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
CB ID = D71 C2=0.00 A2= 0.00 Qrunoff= 0.6 Slope2= 0.1070 a = 5.50 Lgrate= 8.00
Com P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0333 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT

Flowby= 0.0 Qtotal= 0.6 Qint= 0.6 Flowby dn= 0.0 Depth=0.16 Spread= 1.49 Veloc= 4.54

Sta 34+52

INPUT

Intens.= 4.00 C1=0.51 A1= 2.09 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
CB ID = D73 C2=0.00 A2= 0.00 Qrunoff= 4.3 Slope2= 0.1070 a = 5.50 Lgrate= 4.00
Com P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0000 Slope3= 0.0200 W = 2.00 Length=18.00

OUTPUT

Flowby= 0.0 Qtotal= 4.3 Qint= 4.3 Flowby dn= 0.0 Depth=0.18 Spread= 1.69 Veloc= 0.00

CRITERIA

Runoff computed by Rational Method Manning's n Gutter=0.013 Manning's n Pavement=0.022

Clogging Factors in Sag Location:

----- Curb Opening= 1.25 Grate= 2.00 Slotted Drain= 1.00 Comb-Curb= 1.25 Comb-Grate= 2.00

Clogging Factors on Continuous Grade:

----- Curb Opening= 1.25 Grate= 2.00 Slotted Drain= 1.25 Comb-Curb= 1.25 Comb-Grate= 2.00

Prepared by:

Date:08/21/98

Time:02:51:46

Checked by:

Date:

Pavement Drainage Program (C), 1991 Copyright by SMF Engineering Corporation, Phoenix, AZ

Licensed to: Farner Barley & Assoc Inc., Tavares, FL 32778

Project : LEGENDS

Sta 39+19

INPUT

Intens.= 4.00 C1=0.51 A1= 0.98 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
CB ID = D70 C2=0.00 A2= 0.00 Qrunoff= 2.0 Slope2= 0.1070 a = 5.50 Lgrate= 8.00
Com P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0281 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT

Flowby= 0.0 Qtotal= 2.0 Qint= 2.0 Flowby dn= 0.0 Depth=0.25 Spread= 6.02 Veloc= 4.28

Sta 36+70

INPUT

Intens.= 3.50 C1=0.52 A1= 0.85 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
CB ID = D72 C2=0.00 A2= 0.00 Qrunoff= 1.6 Slope2= 0.1070 a = 5.50 Lgrate= 8.00
Com P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0407 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT

Flowby= 0.0 Qtotal= 1.6 Qint= 1.6 Flowby dn= 0.0 Depth=0.22 Spread= 4.42 Veloc= 5.17

Sta 34+52

INPUT

Intens.= 3.50 C1=0.48 A1= 0.29 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
CB ID = D74 C2=0.00 A2= 0.00 Qrunoff= 0.5 Slope2= 0.1070 a = 5.50 Lgrate= 4.00
Com P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0000 Slope3= 0.0200 W = 2.00 Length=18.00

OUTPUT

Flowby= 0.0 Qtotal= 0.5 Qint= 0.5 Flowby dn= 0.0 Depth=0.04 Spread= 0.40 Veloc= 0.00

CRITERIA

Runoff computed by Rational Method Manning's n Gutter=0.013 Manning's n Pavement=0.022

Clogging Factors in Sag Location:

----- Curb Opening= 1.25 Grate= 2.00 Slotted Drain= 1.00 Comb-Curb= 1.25 Comb-Grate= 2.00

Clogging Factors on Continuous Grade:

----- Curb Opening= 1.25 Grate= 2.00 Slotted Drain= 1.25 Comb-Curb= 1.25 Comb-Grate= 2.00

Prepared by:

Date:08/21/98

Time:02:52:14

Checked by:

Date:

Pavement Drainage Program (C), 1991 Copyright by SMF Engineering Corporation, Phoenix, AZ

Licensed to: Farner Barley & Assoc Inc., Tavares, FL 32778

Project : LEGENDS

Sta 35+12

INPUT

Intens.= 4.00 C1=0.52 A1= 0.61 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
CB ID = D76 C2=0.00 A2= 0.00 Qrunoff= 1.3 Slope2= 0.1070 a = 5.50 Lgrate= 4.00
Com P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0000 Slope3= 0.0200 W = 2.00 Length=18.00

OUTPUT

Flowby= 0.0 Qtotal= 1.3 Qint= 1.3 Flowby dn= 0.0 Depth=0.08 Spread= 0.76 Veloc= 0.00

CRITERIA

Runoff computed by Rational Method Manning's n Gutter=0.013 Manning's n Pavement=0.022

Clogging Factors in Sag Location:

----- Curb Opening= 1.25 Grate= 2.00 Slotted Drain= 1.00 Comb-Curb= 1.25 Comb-Grate= 2.00

Clogging Factors on Continuous Grade:

----- Curb Opening= 1.25 Grate= 2.00 Slotted Drain= 1.25 Comb-Curb= 1.25 Comb-Grate= 2.00

Prepared by: Date:08/21/98 Time:02:42:27 Checked by: Date:

Pavement Drainage Program (C), 1991 Copyright by SMF Engineering Corporation, Phoenix, AZ

Licensed to: Farner Barley & Assoc Inc., Tavares, FL 32778

Project : LEGENDS

Sta 14+66 INPUT
 Intens.= 3.80 C1=0.44 A1= 1.36 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
 CB ID = D80 C2=0.00 A2= 0.00 Qrunoff= 2.3 Slope2= 0.1070 a = 5.50 Lgrate= 8.00
 Com P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0294 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT
 Flowby= 0.0 Qtotal= 2.3 Qint= 2.3 Flowby dn= 0.0 Depth=0.26 Spread= 6.42 Veloc= 4.39

Sta 12+71 INPUT
 Intens.= 4.00 C1=0.51 A1= 0.66 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
 CB ID = D82 C2=0.00 A2= 0.00 Qrunoff= 1.4 Slope2= 0.1070 a = 5.50 Lgrate= 8.00
 Com P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0350 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT
 Flowby= 0.0 Qtotal= 1.4 Qint= 1.4 Flowby dn= 0.0 Depth=0.21 Spread= 4.22 Veloc= 4.78

Sta 11+06 INPUT
 Intens.= 4.00 C1=0.36 A1= 0.65 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
 CB ID = D83 C2=0.00 A2= 0.00 Qrunoff= 0.9 Slope2= 0.1070 a = 5.50 Lgrate= 8.00
 Com P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0502 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT
 Flowby= 0.0 Qtotal= 0.9 Qint= 0.9 Flowby dn= 0.0 Depth=0.18 Spread= 2.42 Veloc= 5.83

INPUT
 End of this reach of Catch Basins
 Flowby dn flows to Catch Basin D88

OUTPUT
 Flowby dn= 0.0

Sta 12+84 INPUT
 Intens.= 4.00 C1=0.55 A1= 0.26 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
 CB ID = D81 C2=0.00 A2= 0.00 Qrunoff= 0.6 Slope2= 0.1070 a = 5.50 Lgrate= 8.00
 Com P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0330 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT
 Flowby= 0.0 Qtotal= 0.6 Qint= 0.6 Flowby dn= 0.0 Depth=0.16 Spread= 1.57 Veloc= 4.54

INPUT
 End of this reach of Catch Basins
 Flowby dn flows to Catch Basin D88

OUTPUT
 Flowby dn= 0.0

Sta 23+34 INPUT
 Intens.= 4.00 C1=0.51 A1= 0.39 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
 CB ID = D84 C2=0.00 A2= 0.00 Qrunoff= 0.8 Slope2= 0.1070 a = 5.50 Lgrate= 8.00
 Com P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0150 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT
 Flowby= 0.0 Qtotal= 0.8 Qint= 0.8 Flowby dn= 0.0 Depth=0.21 Spread= 3.87 Veloc= 3.14

Licensed to: Farnor Barley & Assoc Inc., Tavares, FL 32778

Project : LEGENDS

Sta 20+83

INPUT

Intens.= 4.00 C1=0.51 A1= 0.39 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
 CB ID = D85 C2=0.00 A2= 0.00 Qrunoff= 0.8 Slope2= 0.1070 a = 5.50 Lgrate= 8.00
 Com P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0780 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT

Flowby= 0.0 Qtotal= 0.8 Qint= 0.8 Flowby dn= 0.0 Depth=0.15 Spread= 1.45 Veloc= 6.90

Sta 18+37

INPUT

Intens.= 4.00 C1=0.54 A1= 0.58 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
 CB ID = D88 C2=0.00 A2= 0.00 Qrunoff= 1.3 Slope2= 0.1070 a = 5.50 Lgrate= 8.00
 Com P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0800 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT

Flowby= 0.0 Qtotal= 1.3 Qint= 1.3 Flowby dn= 0.0 Depth=0.18 Spread= 2.57 Veloc= 7.44

Sta 16+05

INPUT

Intens.= 4.00 C1=0.74 A1= 0.29 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
 CB ID = D90 C2=0.00 A2= 0.00 Qrunoff= 0.9 Slope2= 0.1070 a = 5.50 Lgrate= 8.00
 Com P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0600 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT

Flowby= 0.0 Qtotal= 0.9 Qint= 0.9 Flowby dn= 0.0 Depth=0.17 Spread= 1.87 Veloc= 6.28

Sta 11+18

INPUT

Intens.= 4.00 C1=0.46 A1= 0.88 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
 CB ID = D10\ C2=0.00 A2= 0.00 Qrunoff= 1.6 Slope2= 0.1070 a = 5.50 Lgrate= 8.00
 Com P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0300 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT

Flowby= 0.0 Qtotal= 1.6 Qint= 1.6 Flowby dn= 0.0 Depth=0.23 Spread= 5.12 Veloc= 4.42

CRITERIA

Runoff computed by Rational Method Manning's n Gutter=0.013 Manning's n Pavement=0.022
 Clogging Factors in Sag Location:
 ----- Curb Opening= 1.25 Grate= 2.00 Slotted Drain= 1.00 Comb-Curb= 1.25 Comb-Grate= 2.00
 Clogging Factors on Continuous Grade:
 ----- Curb Opening= 1.25 Grate= 2.00 Slotted Drain= 1.25 Comb-Curb= 1.25 Comb-Grate= 2.00

Prepared by: Date:08/21/98 Time:02:44:58 Checked by: Date:
 Pavement Drainage Program (C), 1991 Copyright by SMF Engineering Corporation, Phoenix, AZ

Licensed to: Farner Barley & Assoc Inc., Tavares, FL 32778

Project : LEGENDS

Sta 20+83

INPUT

Intens.= 4.00 C1=0.61 A1= 0.47 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
 CB ID = D86 C2=0.00 A2= 0.00 Qrunoff= 1.2 Slope2= 0.1070 a = 5.50 Lgrate= 8.00
 Con P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0780 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT

Flowby= 0.0 Qtotal= 1.2 Qint= 1.2 Flowby dn= 0.0 Depth=0.18 Spread= 2.37 Veloc= 7.25

Sta 18+11

INPUT

Intens.= 4.00 C1=0.42 A1= 0.59 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
 CB ID = D87 C2=0.00 A2= 0.00 Qrunoff= 1.0 Slope2= 0.1070 a = 5.50 Lgrate= 8.00
 Con P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0800 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT

Flowby= 0.0 Qtotal= 1.0 Qint= 1.0 Flowby dn= 0.0 Depth=0.17 Spread= 1.87 Veloc= 7.26

Sta 16+01

INPUT

Intens.= 4.00 C1=0.28 A1= 2.34 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
 CB ID = D89 C2=0.00 A2= 0.00 Qrunoff= 2.6 Slope2= 0.1070 a = 5.50 Lgrate= 4.00
 Con P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0600 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT

Flowby= 0.0 Qtotal= 2.6 Qint= 2.6 Flowby dn= 0.0 Depth=0.24 Spread= 5.62 Veloc= 6.23

Sta 11+18

INPUT

Intens.= 4.00 C1=0.47 A1= 0.91 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
 CB ID = D100 C2=0.00 A2= 0.00 Qrunoff= 1.7 Slope2= 0.1070 a = 5.50 Lgrate= 8.00
 Con P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0300 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT

Flowby= 0.0 Qtotal= 1.7 Qint= 1.7 Flowby dn= 0.0 Depth=0.24 Spread= 5.32 Veloc= 4.41

CRITERIA

Runoff computed by Rational Method Manning's n Gutter=0.013 Manning's n Pavement=0.022

Clogging Factors in Sag Location:

----- Curb Opening= 1.25 Grate= 2.00 Slotted Drain= 1.00 Comb-Curb= 1.25 Comb-Grate= 2.00

Clogging Factors on Continuous Grade:

----- Curb Opening= 1.25 Grate= 2.00 Slotted Drain= 1.25 Comb-Curb= 1.25 Comb-Grate= 2.00

Prepared by: Date:08/21/98 Time:02:46:06 Checked by: Date:
 Pavement Drainage Program (C), 1991 Copyright by SMF Engineering Corporation, Phoenix, AZ

Licensed to: Farner Barley & Assoc Inc., Tavares, FL 32778

Project : LEGENDS

Sta 14+47 INPUT
 Intens.= 3.50 C1=0.25 A1= 1.72 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
 CB ID = 111 C2=0.00 A2= 0.00 Qrunoff= 1.5 Slope2= 0.1070 a = 5.50 Lgrate= 8.00
 Com P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0142 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT
 Flowby= 0.0 Qtotal= 1.5 Qint= 1.5 Flowby dn= 0.0 Depth=0.25 Spread= 6.22 Veloc= 3.06

Sta 16+96 INPUT
 Intens.= 4.00 C1=0.33 A1= 0.41 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
 CB ID = 112 C2=0.00 A2= 0.00 Qrunoff= 0.5 Slope2= 0.1070 a = 5.50 Lgrate= 8.00
 Com P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0150 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT
 Flowby= 0.0 Qtotal= 0.5 Qint= 0.5 Flowby dn= 0.0 Depth=0.18 Spread= 2.57 Veloc= 3.22

Sta 19+50 INPUT
 Intens.= 4.00 C1=0.46 A1= 0.20 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
 CB ID = 113 C2=0.00 A2= 0.00 Qrunoff= 0.4 Slope2= 0.1070 a = 5.50 Lgrate= 8.00
 Com P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0280 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT
 Flowby= 0.0 Qtotal= 0.4 Qint= 0.4 Flowby dn= 0.0 Depth=0.14 Spread= 1.32 Veloc= 3.86

Sta 24+42 INPUT
 Intens.= 4.00 C1=0.54 A1= 0.77 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
 CB ID = 53 C2=0.00 A2= 0.00 Qrunoff= 1.7 Slope2= 0.1070 a = 5.50 Lgrate= 8.00
 Com P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0640 Slope3= 0.0200 W = 2.00 Length= 9.00

OUTPUT
 Flowby= 0.0 Qtotal= 1.7 Qint= 1.7 Flowby dn= 0.0 Depth=0.21 Spread= 3.87 Veloc= 6.57

Sta 27+92 INPUT
 Intens.= 4.00 C1=0.55 A1= 0.97 Qadd = 0.0 Slope1= 3.0000 Gutter= 1.50 Area = 7.18
 CB ID = 59 C2=0.00 A2= 0.00 Qrunoff= 2.2 Slope2= 0.1070 a = 5.50 Lgrate= 4.00
 Com P-1-7/8 C3=0.00 A3= 0.00 Grade = 0.0000 Slope3= 0.0200 W = 2.00 Length=18.00

OUTPUT
 Flowby= 0.0 Qtotal= 2.2 Qint= 2.2 Flowby dn= 0.0 Depth=0.11 Spread= 1.07 Veloc= 0.00

CRITERIA

Runoff computed by Rational Method Manning's n Gutter=0.013 Manning's n Pavement=0.022

Clogging Factors in Sag Location:

----- Curb Opening= 1.25 Grate= 2.00 Slotted Drain= 1.00 Comb-Curb= 1.25 Comb-Grate= 2.00

Clogging Factors on Continuous Grade:

----- Curb Opening= 1.25 Grate= 2.00 Slotted Drain= 1.25 Comb-Curb= 1.25 Comb-Grate= 2.00

Prepared by: Date:08/21/98 Time:02:49:57 Checked by: Date:
 Pavement Drainage Program (C), 1991 Copyright by SMF Engineering Corporation, Phoenix, AZ

RECEIVED

SEP 15 1998

~~40-069-0327A-ERG~~

PDS
ORLANDO
SJR WMD

4-069-0357AM-ERG

LEGENDS @ KINGS RIDGE
STORMWATER CALCULATIONS
FBA NO. 961504.001

19451-3

FARNER, BARLEY & ASSOCIATES, INC.
350 NORTH SINCLAIR AVENUE
TAVARES, FLORIDA 32778

BY: _____

DUANE K. BOOTH, P.E.
FLORIDA REG. NO. 4486

DATE: _____

SEP 14 1998

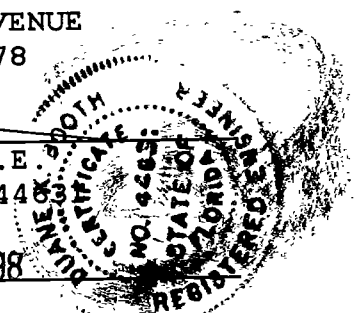


TABLE OF CONTENTS

1. Stormwater Design Summary
2. Maps: USGS
Soils
Survey
3. Developed Basin Summary and CN Calculation
4. ICPR Input Data
5. ICPR Developed Hydrograph Summary 25 year-96 hour Storm
6. ICPR Node Max Conditions 25 year-96 hour Storm
7. ICPR Routed Hydrograph with Infiltration 25 year-96 hour Storm
8. "Ponds" Infiltration Analysis 25 year-96 hour Storm
9. "Ponds" Recovery Analysis (Treatment Volume)
10. "Ponds" Recovery Analysis (Total Runoff Volume)
11. Soils Report:
 - A. Geotechnical Investigation of Potential Karst Activity
Lake Louisa Club (A/K/A Legends) November 22, 1996
 - B. Geotechnical Engineering Study
Lake Louisa Club Phase I (A/K/A Legends) April 14, 1997
 - C. Geotechnical Investigation of Legends Subdivision July 22, 1998
 - D. Letter of Clarification of Legends Subdivision July 28, 1998

**LEGENDS
(F/K/A LAKE LOUISA CLUB)**

STORMWATER DESIGN SUMMARY

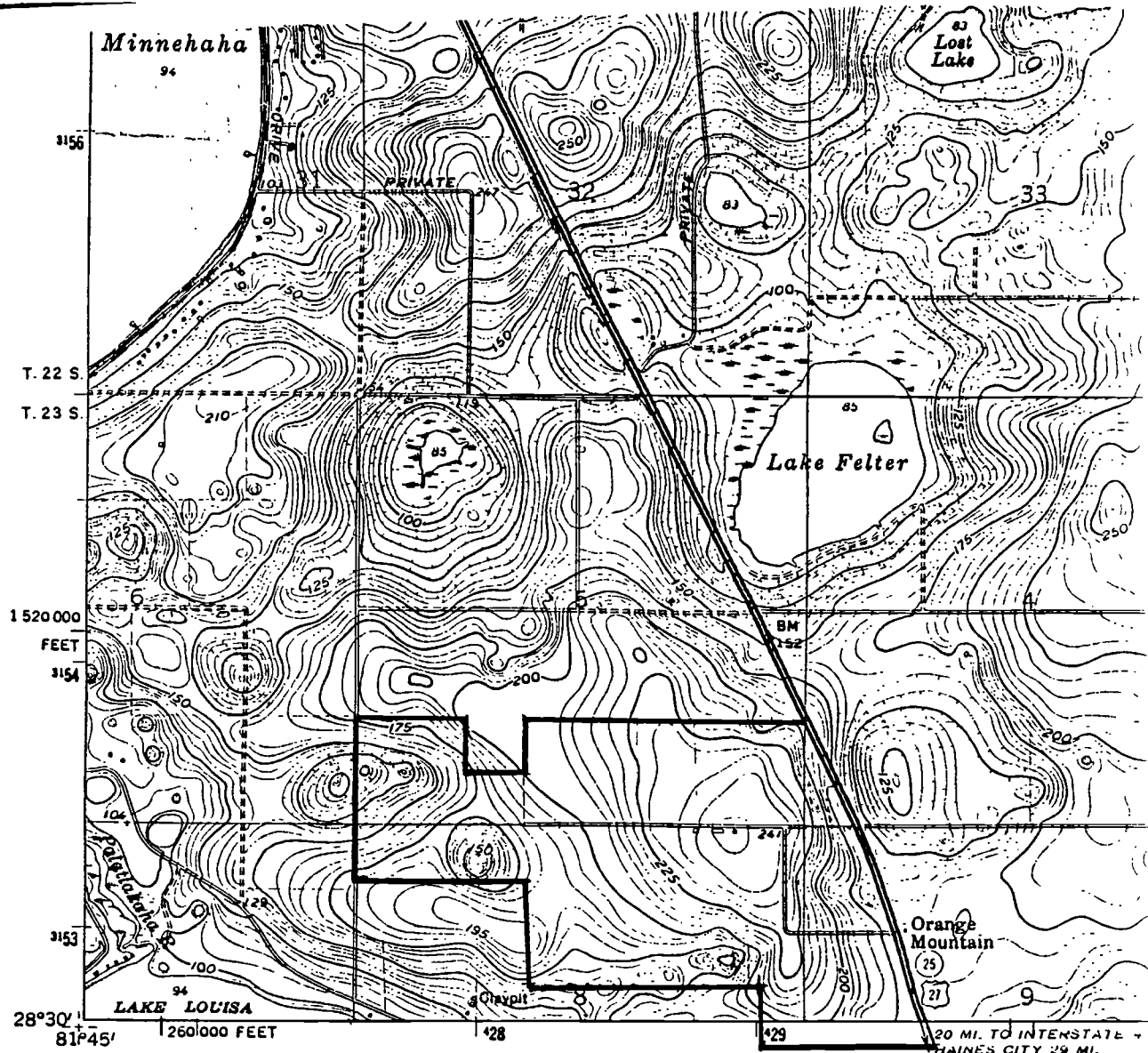
Legends is located in Sections 4, 5, 8, and 9 of Township 23S, Range 26E on U.S. Highway 27 South of Clermont consisting of approximately 403 acres. The property as existing today is mostly burned out orange grove and an abandoned farm house and sheds with a paved drive from U.S. Highway 27 to the farm house. The grove has been replanted with small pine trees.

Since the subject property does not have a positive outfall, the stormwater management system is designed to retain the total runoff from the 25 year-96 hour storm event. Therefore, the pre-develop site conditions were not modeled for pre vs. post comparison.

All ponds have been modeled through "ICPR" with infiltration calculated through "ponds". Pond 9 has been omitted in "ponds" because it is a lined pond and used for irrigation as discussed in the pre-application meeting. Ponds 18, 20, 22, and 24 shall be over excavated and filled with clean sand to provide adequate depth between pond bottom and confining layer as suggested in soil report. The plans and calculations depict the appropriate elevation of excavation. Basins 5, 13, and 17 do not exist and are not referred to in this submittal. These basins were used in preliminary design and were eventually omitted from final design.

See ICPR Max Node conditions for comparison of peak stage versus pond max elevation and ponds Recovery analysis for stormwater treatment volume calculation and recovery analysis.

MAPS



(LAKE NELLIE)
4640 IV AE

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Planimetry by photogrammetric methods from aerial photographs taken 1952. Topography by planetable surveys 1962

Polyconic projection

10,000-foot grid based on Florida coordinate system, east zone

1000-meter Universal Transverse Mercator grid ticks, zone 17, shown in blue. 1927 North American Datum

To place on the predicted North American Datum 1983

move the projection lines 27 meters south and

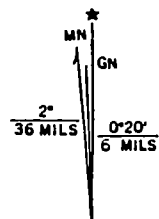
18 meters west as shown by dashed corner ticks

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

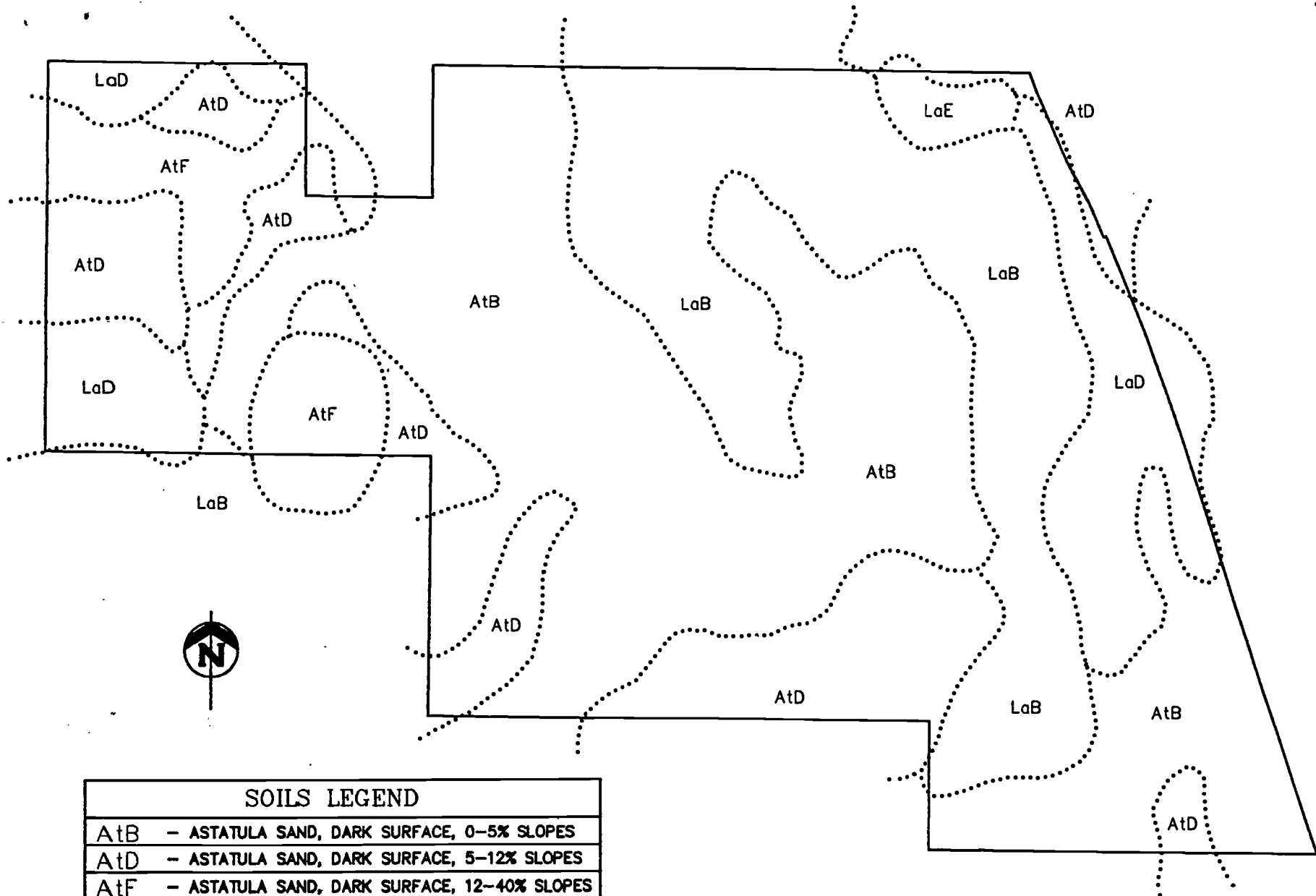
Revisions shown in purple compiled from aerial photographs

taken 1977 and other source data. This information not

field checked. Map edited 1980

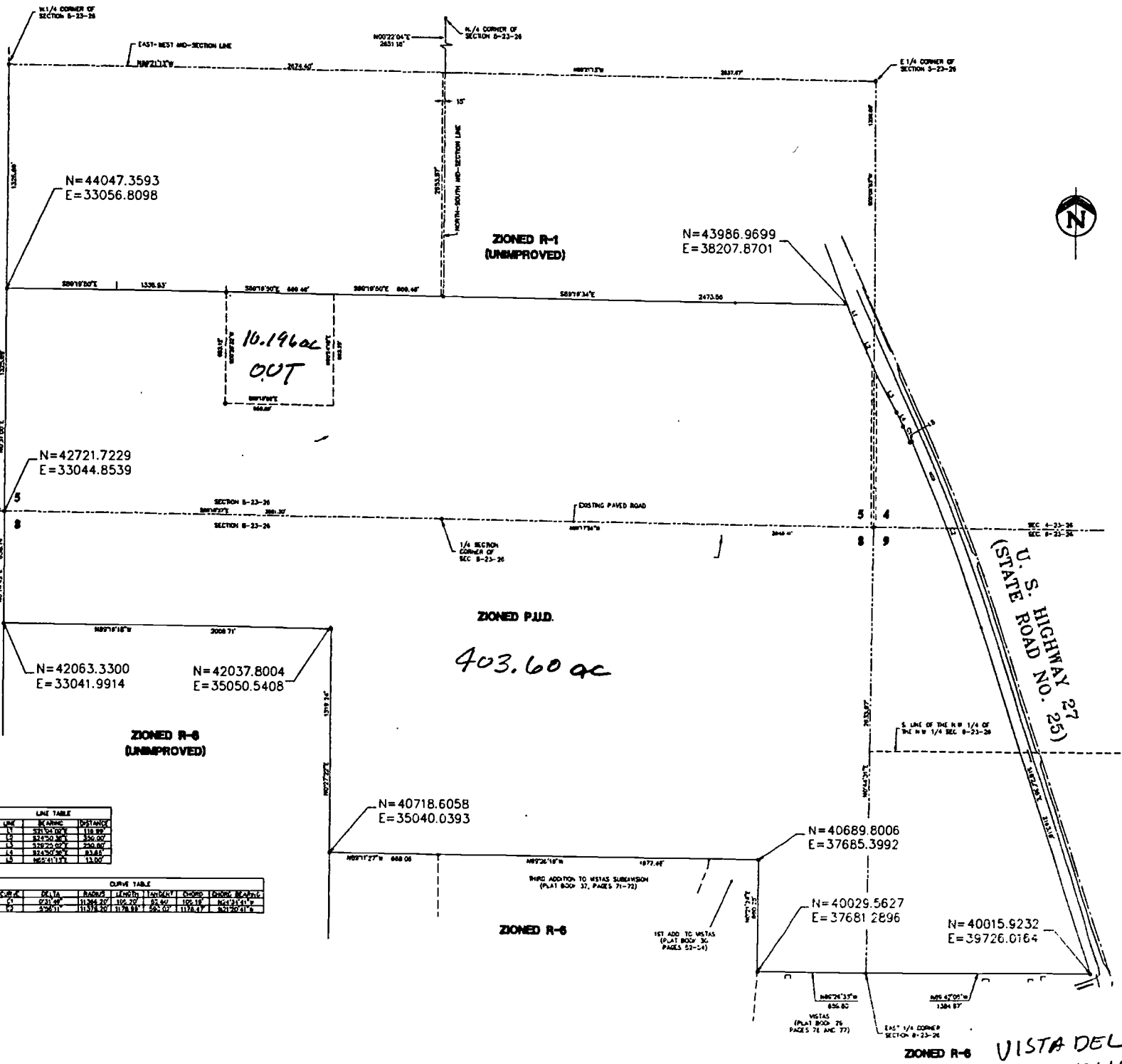


UTM GRID AND 1980 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET



SOILS LEGEND	
AtB	- ASTATULA SAND, DARK SURFACE, 0-5% SLOPES
AtD	- ASTATULA SAND, DARK SURFACE, 5-12% SLOPES
AtF	- ASTATULA SAND, DARK SURFACE, 12-40% SLOPES
LaB	- LAKE SAND, 0-5% SLOPES
LaD	- LAKE SAND, 5-12% SLOPES
LaE	- LAKE SAND, 12-22% SLOPES

NOTE: SOIL INFORMATION OBTAINED FROM U.S.D.A.
SOIL CONSERVATION SERVICE.



LINE TABLE

LINE	BEARING	DISTANCE
11	S73°30'00"E	118.89'
12	S74°50'00"E	350.00'
13	S78°25'00"E	250.00'
14	S74°50'00"E	83.83'
15	N62°41'17"E	13.00'

CURVE TABLE

CURVE	BEARING	RADIUS	LENGTH	CHORD	AREA	BEARING
1	231.86'	11188.20'	1162.27'	85.86'	102.18'	N62°15'41"E
2	336.11'	11175.00'	1178.31'	86.00'	117.63'	S61°52'41"E

SEE ADD TO VITALS
 (PLAT BOOK 36
 PAGES 51-54)

VITALS
 (PLAT BOOK 26
 PAGES 76 AND 77)

ZIONED R-6

**DEVELOPED BASIN SUMMARY
AND CURVE NUMBER CALCULATION**

LOT SIZE SITE IMPERVIOUS AREA

65' X 115' 3750 SF

80' X 115' 4725 SF

BASIN NUMBER	AREA (ON SITE) (acres)	AREA (OFF SITE) (acres)	TOTAL AREA (acres)	IMPERVIOUS AREA (acres)	PERVIOUS AREA (acres)	CN
B1	7.84	—	7.84			50
B2a	8.64	—	8.64			55
B2b	18.74	—	18.74			54
B2c	14.84	—	14.84			49
B3	27.66	—	27.66			62
B4	18.39	—	18.39			48
B6	10.47	—	10.47			39
B7	25.19	—	25.19			51
B8	6.92	—	6.92			45
B9	7.81	—	7.81			60
B10	13.60	—	13.60			53
B11	11.52	—	11.52			52

BASIN NUMBER	AREA (ON SITE) (acres)	AREA (OFF SITE) (acres)	TOTAL AREA (acres)	IMPERVIOUS AREA (acres)	PERVIOUS AREA (acres)	CN
B 12	14.39	—	14.39			53
B 14	4.79	—	4.79			54
B 15	16.02	—	16.02			51
B 16	17.16	—	17.16			54
B 18	23.37	0.66	24.03			54
B 19	11.26	—	11.26			51
B 20	8.70	—	8.70			51
B 21	23.79	—	23.79			57
B 22	11.72	3.13	16.56			48

STORM RUNOFF WORKSHEET

PROJECT #: 961504.001 PROJECT: LEGENDS DATE: 6/2/98 PRE-DEVELOPMENT POST-DEVELOPMENT

BASIN NO. <u>1</u>		TOTAL AREA <u>7.84</u>			STORM: <u>25</u> YEAR <u>96</u> HOUR		
SOIL	GROUP	LAND USE	AREA Pervious (acres)	AREA Imperv. (acres)	CN	AREA (%)	PRODUCT CN x AREA
	<u>A</u>	<u>GREEN GRASS - GOOD</u>	<u>6.40</u>		<u>39</u>	<u>82</u>	<u>3198</u>
<u>Res</u>		<u>14 X 3750 = 1.21</u>					
<u>PUMT</u>		<u>24 X 414 = 0.23</u>					
		<u>1.44</u>		<u>1.44</u>	<u>98</u>	<u>18</u>	<u>1764</u>
TOTALS							<u>4962</u>

GROUP	AREA Pervious	%	AREA Imperv.	%	TOTAL AREA
A					
B					
C					
D					
TOTALS					

PRODUCT COVERAGE = \bar{CN} = 50

$S = \frac{1000}{CN} - 10$
 $R = \frac{(P - 0.2S)^2}{(P + 0.8S)}$
 R = runoff (in.)
 P = rainfall (in.)

RAINFALL (P) = _____ in.
 RUNOFF R = _____ in.
 _____ ac.ft.
 _____ cu.ft.

BASIN NO. <u>(2)</u>		TOTAL AREA			STORM: <u>25</u> YEAR <u>96</u> HOUR		
SOIL	GROUP	LAND USE	AREA Pervious (acres)	AREA Imperv. (acres)	CN	AREA (%)	PRODUCT CN x AREA
	<u>A</u>	<u>GREEN GRASS - GOOD</u>	<u>38.10</u>		<u>39</u>	<u>85</u>	
<u>Res</u>		<u>44 X 3750 = 165,000</u>					
<u>PUMT</u>		<u>24 X 1655 = 39,720</u>					
		<u>BLVD</u>	<u>82,860</u>				
		<u>287,580</u>		<u>6.60</u>	<u>98</u>	<u>15</u>	
TOTALS							

GROUP	AREA Pervious	%	AREA Imperv.	%	TOTAL AREA
A					
B					
C					
D					
TOTALS					

PRODUCT COVERAGE = \bar{CN} =

$S = \frac{1000}{CN} - 10$
 $Q = \frac{(P - 0.2S)^2}{(P + 0.8S)}$
 Q = runoff (in.)
 P = rainfall (in.)

RAINFALL (P) = _____ in.
 RUNOFF R = _____ in.
 _____ ac.ft.
 _____ cu.ft.

STORM RUNOFF WORKSHEET

PROJECT #: _____ PROJECT: LEGENDS DATE: 6/15/98 PRE-DEVELOPMENT POST-DEVELOPMENT

BASIN NO. B2a TOTAL AREA 8.64 STORM: 25 YEAR 94 HOUR

SOIL	GROUP	LAND USE	AREA Pervious (acres)	AREA Imperv. (acres)	CN	AREA (%)	PRODUCT CN x AREA
	A	GREEN GRASS - GOOD	6.31		39	73	2847
RES		21 X 3750 =	78,750				
PVMT		24 X 947 =	22,728				
		<u>101,478</u>		2.33	98	27	2644
TOTALS							5493

GROUP	AREA Pervious	%	AREA Imperv.	%	TOTAL AREA
A					
B					
C					
D					
TOTALS					

PRODUCT COVERAGE = \bar{CN} = 55

$$S = \frac{1000}{CN} - 10$$

$$R = \frac{(P - 0.2S)^2}{(P + 0.8S)}$$

R = runoff (in.)
P = rainfall (in.)

RAINFALL (P) = _____ in.
 RUNOFF R = _____ in.
 _____ ac.ft.
 _____ cu.ft.

BASIN NO. B2b TOTAL AREA 18.74 STORM: 25 YEAR 94 HOUR

SOIL	GROUP	LAND USE	AREA Pervious (acres)	AREA Imperv. (acres)	CN	AREA (%)	PRODUCT CN x AREA
	A	GREEN GRASS - GOOD	13.82		39	74	2884
RES		21 X 3750 =	78,750				
CLUB SITE		85% IMP =	50,816				
PVMT		=	74,800				
		<u>204,366</u>		4.92	98	24	2548
TOTALS							5434

GROUP	AREA Pervious	%	AREA Imperv.	%	TOTAL AREA
A					
B					
C					
D					
TOTALS					

PRODUCT COVERAGE = \bar{CN} = 54

$$S = \frac{1000}{CN} - 10$$

$$R = \frac{(P - 0.2S)^2}{(P + 0.8S)}$$

R = runoff (in.)
P = rainfall (in.)

RAINFALL (P) = _____ in.
 RUNOFF R = _____ in.
 _____ ac.ft.
 _____ cu.ft.

STORM RUNOFF WORKSHEET

PROJECT #: _____ PROJECT: LEGENDS DATE: 6/24/98 PRE-DEVELOPMENT POST-DEVELOPMENT

BASIN NO. B2c TOTAL AREA 14.84 STORM: 25 YEAR 96 HOUR

SOIL	GROUP	LAND USE	AREA Pervious (acres)	AREA Imperv. (acres)	CN	AREA (%)	PRODUCT CN x AREA
	A		12.35		39	83	3237
RES		3 X 4725 = 14,175					
		2 X 3750 = 7,500					
PUMT		28 X 964 = 26,992					
		48,667		1.12	98	8	784
POUND (WET) EL. 163.00		59,806		1.37	98	9	882
TOTALS							4903

GROUP	AREA Pervious	%	AREA Imperv.	%	TOTAL AREA
A					
B					
C					
D					
TOTALS					

PRODUCT COVERAGE = \overline{CN} = 49

$S = \frac{1000}{CN} - 10$
 $R = \frac{(P - 0.2S)^2}{(P + 0.8S)}$
 R = runoff (in.)
 P = rainfall (in.)

RAINFALL (P) = _____ in.
 RUNOFF R = _____ in.
 _____ ac.ft.
 _____ cu.ft.

BASIN NO. _____ TOTAL AREA _____ STORM: _____ YEAR _____ HOUR _____

SOIL	GROUP	LAND USE	AREA Pervious (acres)	AREA Imperv. (acres)	CN	AREA (%)	PRODUCT CN x AREA
TOTALS							

GROUP	AREA Pervious	%	AREA Imperv.	%	TOTAL AREA
A					
B					
C					
D					
TOTALS					

PRODUCT COVERAGE = \overline{CN} = _____

$S = \frac{1000}{CN} - 10$
 $Q = \frac{(P - 0.2S)^2}{(P + 0.8S)}$
 Q = runoff (in.)
 P = rainfall (in.)

RAINFALL (P) = 11.6 in.
 RUNOFF R = _____ in.
 _____ ac.ft.
 _____ cu.ft.

STORM RUNOFF WORKSHEET

PROJECT #: _____ PROJECT: _____ DATE: _____ PRE-DEVELOPMENT POST-DEVELOPMENT

BASIN NO. 3 TOTAL AREA 23.59 STORM: 25 YEAR 24 HOUR

SOIL	GROUP	LAND USE	AREA Pervious (acres)	AREA Imperv. (acres)	CN	AREA (%)	PRODUCT CN x AREA
	A	GREEN GRASS - GOOD	14.40		39	61	23.79
Res		30 x 4725 = 3.25					
PUMT		24 x 1871 = 1.03					
85% MAIL/SHOP		5.78 ac. · 0.85 = 4.91					
		9.19		9.19	98	37	3822
TOTALS							6201

GROUP	AREA Pervious	%	AREA Imperv.	%	TOTAL AREA
A					
B					
C					
D					
TOTALS					

PRODUCT COVERAGE = \overline{CN} = 62

$$S = \frac{1000}{CN} - 10$$

$$R = \frac{(P - 0.2S)^2}{(P + 0.8S)}$$

R = runoff (in.)
P = rainfall (in.)

RAINFALL (P) = _____ in.
 RUNOFF R = _____ in.
 _____ ac.ft.
 _____ cu.ft.

BASIN NO. 4 TOTAL AREA 18.39 STORM: 25 YEAR 24 HOUR

SOIL	GROUP	LAND USE	AREA Pervious (acres)	AREA Imperv. (acres)	CN	AREA (%)	PRODUCT CN x AREA
	A	GREEN GRASS - GOOD	15.41		39	84	3274
RES		20 x 4725 = 2.17					
PUMT		0.81					
		2.98		2.98	98	14	1568
TOTALS							4844

GROUP	AREA Pervious	%	AREA Imperv.	%	TOTAL AREA
A					
B					
C					
D					
TOTALS					

PRODUCT COVERAGE = \overline{CN} = 48

$$S = \frac{1000}{CN} - 10$$

$$Q = \frac{(P - 0.2S)^2}{(P + 0.8S)}$$

Q = runoff (in.)
P = rainfall (in.)

RAINFALL (P) = _____ in.
 RUNOFF R = _____ in.
 _____ ac.ft.
 _____ cu.ft.

STORM RUNOFF WORKSHEET

PROJECT # _____ PROJECT: _____ DATE: _____ PRE-DEVELOPMENT POST-DEVELOPMENT

BASIN NO. 5		TOTAL AREA 2.77			STORM: 25 YEAR 96 HOUR		
SOIL GROUP	LAND USE	AREA Pervious (acres)	AREA Imperv. (acres)	CN	AREA (%)	PRODUCT CN x AREA	
A	GREEN GRASS - GOOD	2.77	0	39	100	3400	
				98	0	0	
TOTALS						3400	

GROUP	AREA Pervious	%	AREA Imperv.	%	TOTAL AREA
A					
B					
C					
D					
TOTALS					

PRODUCT COVERAGE = \bar{CN} = **39**

$S = \frac{1000}{CN} - 10$
 $R = \frac{(P - 0.2S)^2}{(P + 0.8S)}$
 R = runoff (in.)
 P = rainfall (in.)

RAINFALL (P) = _____ in.
 RUNOFF R = _____ in.
 _____ ac.ft.
 _____ cu.ft.

BASIN NO. 6		TOTAL AREA 10.47			STORM: 25 YEAR 96 HOUR		
SOIL GROUP	LAND USE	AREA Pervious (acres)	AREA Imperv. (acres)	CN	AREA (%)	PRODUCT CN x AREA	
A	GREEN GRASS - GOOD	10.47	0	39	100	3400	
				98	0	0	
TOTALS						3400	

GROUP	AREA Pervious	%	AREA Imperv.	%	TOTAL AREA
A					
B					
C					
D					
TOTALS					

PRODUCT COVERAGE = \bar{CN} = **39**

$S = \frac{1000}{CN} - 10$
 $Q = \frac{(P - 0.2S)^2}{(P + 0.8S)}$
 Q = runoff (in.)
 P = rainfall (in.)

RAINFALL (P) = _____ in.
 RUNOFF R = _____ in.
 _____ ac.ft.
 _____ cu.ft.

STORM RUNOFF WORKSHEET

PROJECT # _____ PROJECT: _____ DATE: _____ PRE-DEVELOPMENT POST-DEVELOPMENT

BASIN NO. 7 TOTAL AREA 32.65 STORM: 25 YEAR 96 HOUR

SOIL GROUP	LAND USE	AREA Pervious (acres)	AREA Imperv. (acres)	CN	AREA (%)	PRODUCT CN x AREA
A	GREEN GRASS - GOOD	25.89		39	79	3081
RES	11 X 4725 = 1.19					
PUMPT	24 X 957 = 0.53					
85% Rec SITE	6.15 ac. 0.85 = 5.23					
	<u>6.95</u>		6.76	98	21	2058
TOTALS					100	5139

GROUP	AREA Pervious	%	AREA Imperv.	%	TOTAL AREA
A					
B					
C					
D					
TOTALS					

PRODUCT COVERAGE = \bar{CN} = 51

$S = \frac{1000}{CN} - 10$
 $R = \frac{(P - 0.2S)^2}{(P + 0.8S)}$
 R = runoff (in.)
 P = rainfall (in.)

RAINFALL (P) = _____ in.
 RUNOFF R = _____ in.
 _____ ac.ft.
 _____ cu.ft.

BASIN NO. 8 TOTAL AREA 6.92 STORM: 25 YEAR 96 HOUR

SOIL GROUP	LAND USE	AREA Pervious (acres)	AREA Imperv. (acres)	CN	AREA (%)	PRODUCT CN x AREA
A	GREEN GRASS - GOOD	6.25		39	90	3510
RES	6 X 3750 = 0.52					
PUMPT	<u>0.15</u>					
	<u>0.67</u>		0.67	98	10	980
TOTALS						4490

GROUP	AREA Pervious	%	AREA Imperv.	%	TOTAL AREA
A					
B					
C					
D					
TOTALS					

PRODUCT COVERAGE = \bar{CN} = 45

$S = \frac{1000}{CN} - 10$
 $Q = \frac{(P - 0.2S)^2}{(P + 0.8S)}$
 Q = runoff (in.)
 P = rainfall (in.)

RAINFALL (P) = _____ in.
 RUNOFF R = _____ in.
 _____ ac.ft.
 _____ cu.ft.

STORM RUNOFF WORKSHEET

PROJECT # _____ PROJECT: _____ DATE: _____ PRE-DEVELOPMENT POST-DEVELOPMENT

BASIN NO. 9 TOTAL AREA 7.81 STORM: 25 YEAR 96 HOUR

SOIL	GROUP	LAND USE	AREA Pervious (acres)	AREA Imperv. (acres)	CN	AREA (%)	PRODUCT CN x AREA
	A	GREEN GRASS - GOOD	5.02		39	64	2496
		Res	$9 \times 3750 = 0.77$				
		PUM'T	$24 \times 536 = 0.30$				
			<u>1.07</u>	1.07	98	14	1372
		POUND (WET)		1.72	98	22	2156
TOTALS						6024	6024

GROUP	AREA Pervious	%	AREA Imperv.	%	TOTAL AREA
A					
B					
C					
D					
TOTALS					

PRODUCT COVERAGE = \bar{CN} = 60

$S = \frac{1000}{CN} - 10$
 $R = \frac{(P - 0.2S)^2}{(P + 0.8S)}$
 R = runoff (in.)
 P = rainfall (in.)
 RAINFALL (P) = _____ in.
 RUNOFF R = _____ in.
 _____ ac.ft.
 _____ cu.ft.

BASIN NO. 10 TOTAL AREA 13.60 STORM: 25 YEAR 96 HOUR

SOIL	GROUP	LAND USE	AREA Pervious (acres)	AREA Imperv. (acres)	CN	AREA (%)	PRODUCT CN x AREA
	A	GREEN GRASS - GOOD	10.29		39	74	2464
		Res	$32 \times 3750 = 2.75$				
		PUM'T	$0.27 + 0.29 = 0.54$				
			<u>3.31</u>	3.31	98	24	2352
TOTALS							5316

GROUP	AREA Pervious	%	AREA Imperv.	%	TOTAL AREA
A					
B					
C					
D					
TOTALS					

PRODUCT COVERAGE = \bar{CN} = 53

$S = \frac{1000}{CN} - 10$
 $Q = \frac{(P - 0.2S)^2}{(P + 0.8S)}$
 Q = runoff (in.)
 P = rainfall (in.)
 RAINFALL (P) = _____ in.
 RUNOFF R = _____ in.
 _____ ac.ft.
 _____ cu.ft.

STORM RUNOFF WORKSHEET

PROJECT #: _____ PROJECT: _____ DATE: _____ PRE-DEVELOPMENT POST-DEVELOPMENT

BASIN NO. <u>11</u>		TOTAL AREA <u>11.52</u>			STORM: <u>25</u> YEAR <u>96</u> HOUR		
SOIL	GROUP	LAND USE	AREA Pervious (acres)	AREA Imperv. (acres)	CN	AREA (%)	PRODUCT CN x AREA
	A	GREEN GRASS - GOOD	8.97		39	78	3042
	RES	27 X 3750 = 1.81					
	PUM'T	24 X 1336 = 0.74					
		<u>2.55</u>		2.55	98	22	2154
TOTALS							5198

GROUP	AREA Pervious	%	AREA Imperv.	%	TOTAL AREA
A					
B					
C					
D					
TOTALS					

PRODUCT COVERAGE = \bar{CN} = 52

$$S = \frac{1000}{CN} - 10$$

$$R = \frac{(P - 0.2S)^2}{(P + 0.8S)}$$

R = runoff (in.)
P = rainfall (in.)

RAINFALL (P) = _____ in.
 RUNOFF R = _____ in.
 _____ ac.ft.
 _____ cu.ft.

BASIN NO. <u>12</u>		TOTAL AREA <u>14.39</u>			STORM: <u>25</u> YEAR <u>96</u> HOUR		
SOIL	GROUP	LAND USE	AREA Pervious (acres)	AREA Imperv. (acres)	CN	AREA (%)	PRODUCT CN x AREA
	A	GREEN GRASS - GOOD	10.99		39	74	2964
	RES	27 X 3750 = 2.32					
	PUM'T	24 X 2127 = 1.17					
		<u>3.49</u>		3.49	98	24	2352
TOTALS							5316

GROUP	AREA Pervious	%	AREA Imperv.	%	TOTAL AREA
A					
B					
C					
D					
TOTALS					

PRODUCT COVERAGE = \bar{CN} = 53

$$S = \frac{1000}{CN} - 10$$

$$Q = \frac{(P - 0.2S)^2}{(P + 0.8S)}$$

Q = runoff (in.)
P = rainfall (in.)

RAINFALL (P) = _____ in.
 RUNOFF R = _____ in.
 _____ ac.ft.
 _____ cu.ft.

STORM RUNOFF WORKSHEET

PROJECT #: _____ PROJECT: _____ DATE: _____

PRE-DEVELOPMENT
 POST-DEVELOPMENT

BASIN NO. _____ TOTAL AREA _____ STORM: 25 YEAR 96 HOUR

SOIL GROUP	LAND USE	AREA Pervious (acres)	AREA Imperv. (acres)	CN	AREA (%)	PRODUCT CN x AREA
TOTALS						

GROUP	AREA Pervious	%	AREA Imperv.	%	TOTAL AREA
A					
B					
C					
D					
TOTALS					

PRODUCT COVERAGE = \overline{CN} = _____

$$S = \frac{1000}{CN} - 10$$

$$R = \frac{(P - 0.2S)^2}{(P + 0.8S)}$$

R = runoff (in.)
 P = rainfall (in.)

RAINFALL (P) = _____ in.
 RUNOFF R = _____ in.
 _____ ac.ft.
 _____ cu.ft.

BASIN NO. 14 TOTAL AREA 4.79 STORM: 25 YEAR 96 HOUR

SOIL GROUP	LAND USE	AREA Pervious (acres)	AREA Imperv. (acres)	CN	AREA (%)	PRODUCT CN x AREA
A	GREEN GRASS - GOOD	3.45		39	72	2808
RES	13 X 3750 = 1.12					
PVMT	0.22					
	1.34		1.34	98	28	2744
TOTALS						5552

GROUP	AREA Pervious	%	AREA Imperv.	%	TOTAL AREA
A					
B					
C					
D					
TOTALS					

PRODUCT COVERAGE = \overline{CN} = 56

$$S = \frac{1000}{CN} - 10$$

$$Q = \frac{(P - 0.2S)^2}{(P + 0.8S)}$$

Q = runoff (in.)
 P = rainfall (in.)

RAINFALL (P) = _____ in.
 RUNOFF R = _____ in.
 _____ ac.ft.
 _____ cu.ft.

STORM RUNOFF WORKSHEET

PROJECT # _____

PROJECT: _____

DATE: _____

 PRE-DEVELOPMENT
 POST-DEVELOPMENT

BASIN NO. 15

TOTAL AREA 16.02

STORM: 25 YEAR 96 HOUR

SOIL	GROUP	LAND USE	AREA Pervious (acres)	AREA Imperv. (acres)	CN	AREA (%)	PRODUCT CN x AREA
	A	GREEN GRASS - GOOD	12.74		39	80	3120
		20 X 4725 = 94,500					
		24 X 2021 = 48,504					
		143,004		3.28	98	20	1960
TOTALS							5080

PRODUCT COVERAGE = \bar{CN} = 51.

GROUP	AREA Pervious	%	AREA Imperv.	%	TOTAL AREA
A					
B					
C					
D					
TOTALS					

$$S = \frac{1000}{CN} - 10$$

$$R = \frac{(P - 0.2S)^2}{(P + 0.8S)}$$

R = runoff (in.)
P = rainfall (in.)

RAINFALL (P) = _____ in.
 RUNOFF R = _____ in.
 _____ ac.ft.
 _____ cu.ft.

BASIN NO. 16

TOTAL AREA 17.16

STORM: 25 YEAR 96 HOUR

SOIL	GROUP	LAND USE	AREA Pervious (acres)	AREA Imperv. (acres)	CN	AREA (%)	PRODUCT CN x AREA
	A	GREEN GRASS - GOOD	12.29		39	72	2808
		33 X 4725 = 155,925					
		24 X 2353 = 56,472					
		212,397		4.87	98	28	2744
TOTALS							5552

PRODUCT COVERAGE = \bar{CN} = 54

GROUP	AREA Pervious	%	AREA Imperv.	%	TOTAL AREA
A					
B					
C					
D					
TOTALS					

$$S = \frac{1000}{CN} - 10$$

$$Q = \frac{(P - 0.2S)^2}{(P + 0.8S)}$$

Q = runoff (in.)
P = rainfall (in.)

RAINFALL (P) = _____ in.
 RUNOFF R = _____ in.
 _____ ac.ft.
 _____ cu.ft.

STORM RUNOFF WORKSHEET

PROJECT # _____ PROJECT: _____ DATE: _____

PRE-DEVELOPMENT
 POST-DEVELOPMENT

BASIN NO. 17 TOTAL AREA 0.42 STORM: 25 YEAR 96 HOUR

SOIL	GROUP	LAND USE	AREA Pervious (acres)	AREA Imperv. (acres)	CN	AREA (%)	PRODUCT CN x AREA
	A	GREEN GRASS-GOOD	0.42		39	100	3400
TOTALS							3400

PRODUCT COVERAGE = \overline{CN} = 3.9

GROUP	AREA Pervious	%	AREA Imperv.	%	TOTAL AREA
A					
B					
C					
D					
TOTALS					

$S = \frac{1000}{CN} - 10$
 $R = \frac{(P - 0.2S)^2}{(P + 0.8S)}$
 R = runoff (in.)
 P = rainfall (in.)

RAINFALL (P) = _____ in.
 RUNOFF R = _____ in.
 _____ ac.ft.
 _____ cu.ft.

BASIN NO. 18 ^{ON SITE + OFF SITE} TOTAL AREA 24.03 STORM: 25 YEAR 96 HOUR

SOIL	GROUP	LAND USE	AREA Pervious (acres)	AREA Imperv. (acres)	CN	AREA (%)	PRODUCT CN x AREA
	A	GREEN GRASS-GOOD	18.11		39	75	2925
$23.37 \times 2479 = 59,496$ $42 \times 4725 = 198,450$ $\underline{\hspace{2cm}}$ 257,946				5.92	98	25	2450
TOTALS							5375

PRODUCT COVERAGE = \overline{CN} = 54

GROUP	AREA Pervious	%	AREA Imperv.	%	TOTAL AREA
A					
B					
C					
D					
TOTALS					

$S = \frac{1000}{CN} - 10$
 $Q = \frac{(P - 0.2S)^2}{(P + 0.8S)}$
 Q = runoff (in.)
 P = rainfall (in.)

RAINFALL (P) = _____ in.
 RUNOFF R = _____ in.
 _____ ac.ft.
 _____ cu.ft.

STORM RUNOFF WORKSHEET

PROJECT # _____ PROJECT: _____ DATE: _____ PRE-DEVELOPMENT POST-DEVELOPMENT

BASIN NO. 19 TOTAL AREA 11.26 STORM: 25 YEAR 96 HOUR

SOIL	GROUP	LAND USE	AREA Pervious (acres)	AREA Imperv. (acres)	CN	AREA (%)	PRODUCT CN x AREA
	A	GREEN GRASS - GOOD	8.91		39	79	3081
PUMT		24 X 1315 = 3,156					
RES		21 X 4725 = 99,225					
		102,381		2.35	98	21	2058
TOTALS							5139

GROUP	AREA Pervious	%	AREA Imperv.	%	TOTAL AREA
A					
B					
C					
D					
TOTALS					

PRODUCT COVERAGE = \bar{CN} = 51

$$S = \frac{1000}{CN} - 10$$

$$R = \frac{(P - 0.2S)^2}{(P + 0.8S)}$$

R = runoff (in.)
P = rainfall (in.)

RAINFALL (P) = _____ in.
 RUNOFF R = _____ in.
 _____ ac.ft.
 _____ cu.ft.

BASIN NO. 20 TOTAL AREA 8.70 STORM: 25 YEAR 96 HOUR

SOIL	GROUP	LAND USE	AREA Pervious (acres)	AREA Imperv. (acres)	CN	AREA (%)	PRODUCT CN x AREA
	A	GREEN GRASS - GOOD	6.95		31	80	3120
RES		13 X 3750 = 48,750					
PUMT		24 X 1142 = 27,408					
		76,158		1.75	98	20	1960
TOTALS							5080

GROUP	AREA Pervious	%	AREA Imperv.	%	TOTAL AREA
A					
B					
C					
D					
TOTALS					

PRODUCT COVERAGE = \bar{CN} = 51

$$S = \frac{1000}{CN} - 10$$

$$Q = \frac{(P - 0.2S)^2}{(P + 0.8S)}$$

Q = runoff (in.)
P = rainfall (in.)

RAINFALL (P) = _____ in.
 RUNOFF R = _____ in.
 _____ ac.ft.
 _____ cu.ft.

STORM RUNOFF WORKSHEET

PROJECT # _____ PROJECT: _____ DATE: _____

PRE-DEVELOPMENT
 POST-DEVELOPMENT

BASIN NO. 21 TOTAL AREA 23.79 STORM: 25 YEAR 96 HOUR

SOIL GROUP	LAND USE	AREA Pervious (acres)	AREA Imperv. (acres)	CN	AREA (%)	PRODUCT CN x AREA
A	GREEN GRASS - GOOD	16.50		39	69	2691
RES	65 X 3750 = 243,750					
PUMPT	24 X 3077 = 73,848					
	317,598		7.29	98	31	3038
TOTALS						5721

PRODUCT COVERAGE = \bar{CN} = 57

GROUP	AREA Pervious	%	AREA Imperv.	%	TOTAL AREA
A					
B					
C					
D					
TOTALS					

$$S = \frac{1000}{CN} - 10$$

$$R = \frac{(P - 0.2S)^2}{(P + 0.8S)}$$

R = runoff (in.)
P = rainfall (in.)

RAINFALL (P) = _____ in.
RUNOFF R = _____ in.
_____ ac.ft.
_____ cu.ft.

BASIN NO. 22 ^{ONSITE + OFFSITE} TOTAL AREA 14.35 ~~16.55~~ STORM: 25 YEAR 96 HOUR

SOIL GROUP	LAND USE	AREA Pervious (acres)	AREA Imperv. (acres)	CN	AREA (%)	PRODUCT CN x AREA
A	GREEN GRASS - GOOD	12.12		39	84	3274
RES	23 X 3750 = 1.98					
PUMPT	24 X 450 = 0.25					
	2.23		2.23	98	116	1568
TOTALS						4844

PRODUCT COVERAGE = \bar{CN} = 48

GROUP	AREA Pervious	%	AREA Imperv.	%	TOTAL AREA
A					
B					
C					
D					
TOTALS					

$$S = \frac{1000}{CN} - 10$$

$$R = \frac{(P - 0.2S)^2}{(P + 0.8S)}$$

R = runoff (in.)
P = rainfall (in.)

RAINFALL (P) = _____ in.
RUNOFF R = _____ in.
_____ ac.ft.
_____ / cu.ft.

STORM RUNOFF WORKSHEET

PROJECT #: _____

PROJECT: _____

DATE: _____

 PRE-DEVELOPMENT

 POST-DEVELOPMENT

BASIN NO. 23

 ON SITE + OFF SITE
 TOTAL AREA 50.90

STORM: 25 YEAR 96 HOUR

SOIL	GROUP	LAND USE	AREA Pervious (acres)	AREA Imperv. (acres)	CN	AREA (%)	PRODUCT CN x AREA
		38.13 ON					
	A	GREEN GRASS - GOOD	41.75		39	82	3198
		RES	65 X 4725 = 274,625				
		PUMT	24 X 5166 = 123,984				
			398,609	9.15	98	18	1764
TOTALS							4962

GROUP	AREA Pervious	%	AREA Imperv.	%	TOTAL AREA
A					
B					
C					
D					
TOTALS					

 PRODUCT COVERAGE = \bar{CN} = 50

$$S = \frac{1000}{CN} - 10$$

$$R = \frac{(P - 0.2S)^2}{(P + 0.8S)}$$

 R = runoff (in.)
 P = rainfall (in.)

RAINFALL (P) = _____ in.
RUNOFF R = _____ in.
_____ ac.ft.
_____ cu.ft.

BASIN NO. 24

 ON SITE + OFF SITE
 TOTAL AREA 86.15
~~83.94~~

STORM: 25 YEAR 96 HOUR

SOIL	GROUP	LAND USE	AREA Pervious (acres)	AREA Imperv. (acres)	CN	AREA (%)	PRODUCT CN x AREA
		54.93 ON					
	A	GREEN GRASS - GOOD	72.75		39	84	3276
		PUMT	24 X 57.50 = 13.17				
		RES (65')	78 X 3750 = 6.11				
		RES (80')	38 X 4725 = 4.12				
			13.40	13.40	98	16	1368
TOTALS							4844

GROUP	AREA Pervious	%	AREA Imperv.	%	TOTAL AREA
A					
B					
C					
D					
TOTALS					

 PRODUCT COVERAGE = \bar{CN} = 48

$$S = \frac{1000}{CN} - 10$$

$$Q = \frac{(P - 0.2S)^2}{(P + 0.8S)}$$

 Q = runoff (in.)
 P = rainfall (in.)

RAINFALL (P) = _____ in.
RUNOFF R = _____ in.
_____ ac.ft.
_____ cu.ft.

ICPR INPUT DATA

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.01) [9]
Copyright 1995, Streamline Technologies, Inc.

LEGENDS OF CLERMONT

***** Input Report *****

-----Class: Simulation-----

C:\ICPR2\DATA\LEGENDS

Execution: Hydraulics

Header: LEGENDS OF CLERMONT 25YR96HR STORM EVENT

-----HYDRAULICS-----HYDROLOGY-----

Max Delta Z (ft): 1

Delta Z Factor: 0.05 Override Defaults: No

Time Step Optimizer: 10

Drop Structure Optimizer: 10

Sim Start Time(hrs): 0

Sim End Time(hrs): 96

Min Calc Time(sec): 60

Max Calc Time(sec): 300

To Hour: PInc(min):

96 60

To Hour: PInc(min):

96 60

-----GROUP SELECTIONS-----

+ BASE [07/28/98]

LEGENDS OF CLERMONT

***** Input Report *****

-----Class: Node-----

Name: 1 Base Flow(cfs): 0 Init Stage(ft): 200
Group: BASE Length(ft): 0 Warn Stage(ft): 205
Comment:

Stage(ft)	Area(ac)
200	0.257
201	0.345
202	0.444
203	0.551
204	0.676
205	0.807

-----Class: Node-----

Name: 10 Base Flow(cfs): 0 Init Stage(ft): 210
Group: BASE Length(ft): 0 Warn Stage(ft): 219
Comment:

Stage(ft)	Area(ac)
210	0.093
211	0.178
212	0.37
213	0.706
214	1.089
215	1.268
216	1.412
217	1.558
218	1.727
219	1.934

-----Class: Node-----

Name: 11 Base Flow(cfs): 0 Init Stage(ft): 211
Group: BASE Length(ft): 0 Warn Stage(ft): 218
Comment:

Stage(ft)	Area(ac)
211	0.418
212	0.475
213	0.533
214	0.593
215	0.654
216	0.717
217	0.78
218	0.845

LEGENDS OF CLERMONT

***** Input Report *****

-----Class: Node-----

Name: 2B Base Flow(cfs): 0 Init Stage(ft): 180
Group: BASE Length(ft): 0 Warn Stage(ft): 185
Comment:

Stage(ft)	Area(ac)
180	1.11
181	1.232
182	1.354
183	1.479
184	1.604
185	1.73

-----Class: Node-----

Name: 2C Base Flow(cfs): 0 Init Stage(ft): 163
Group: BASE Length(ft): 0 Warn Stage(ft): 167
Comment:

Stage(ft)	Area(ac)
163	0.605
164	0.693
165	0.782
166	1.05
167	1.357

-----Class: Node-----

Name: 3 Base Flow(cfs): 0 Init Stage(ft): 165
Group: BASE Length(ft): 0 Warn Stage(ft): 175
Comment:

Stage(ft)	Area(ac)
165	0.595
166	0.685
167	0.779
168	0.879
169	0.987
170	1.102
171	1.226
172	1.354
173	1.489
174	1.824
175	1.987

LEGENDS OF CLERMONT

***** Input Report *****

-----Class: Node-----
Name: 4 Base Flow(cfs): 0 Init Stage(ft): 177
Group: BASE Length(ft): 0 Warn Stage(ft): 185
Comment:

Stage(ft)	Area(ac)
177	0.729
178	0.846
179	0.971
180	1.102
181	1.231
182	1.363
183	1.614
184	2.041
185	2.704

-----Class: Node-----
Name: 6 Base Flow(cfs): 0 Init Stage(ft): 199
Group: BASE Length(ft): 0 Warn Stage(ft): 204
Comment:

Stage(ft)	Area(ac)
199	0.999
200	1.077
201	1.156
202	1.237
203	1.318
204	1.401

-----Class: Node-----
Name: 7 Base Flow(cfs): 0 Init Stage(ft): 149
Group: BASE Length(ft): 0 Warn Stage(ft): 170
Comment:

Stage(ft)	Area(ac)
149	0.057
150	0.115
155	0.557
160	1.064
165	1.689
170	3.575

LEGENDS OF CLERMONT

***** Input Report *****

-----Class: Node-----

Name: 8 Base Flow(cfs): 0 Init Stage(ft): 235
Group: BASE Length(ft): 0 Warn Stage(ft): 240
Comment:

Stage(ft)	Area(ac)
235	0.292
236	0.391
237	0.488
238	0.697
239	1.192
240	2.442

-----Class: Node-----

Name: 9 Base Flow(cfs): 0 Init Stage(ft): 236
Group: BASE Length(ft): 0 Warn Stage(ft): 240
Comment:

Stage(ft)	Area(ac)
236	1.719
237	1.886
238	2.059
239	2.236
240	3.255

-----Class: Node-----

Name: 999 Base Flow(cfs): 0 Init Stage(ft): 195
Group: BASE Length(ft): 0 Warn Stage(ft): 200
Comment:

Time(hrs)	Stage(ft)
30	196
60	197
96	198

LEGENDS OF CLERMONT

***** Input Report *****

-----Class: Node-----
Name: 12 Base Flow(cfs): 0 Init Stage(ft): 205
Group: BASE Length(ft): 0 Warn Stage(ft): 216
Comment:

Stage(ft)	Area(ac)
205	0.089
206	0.115
207	0.143
208	0.174
209	0.206
210	0.239
211	0.278
212	0.32
213	0.379
214	0.439
215	0.5
216	0.562

-----Class: Node-----
Name: 14 Base Flow(cfs): 0 Init Stage(ft): 230
Group: BASE Length(ft): 0 Warn Stage(ft): 238
Comment:

Stage(ft)	Area(ac)
230	0.184
231	0.215
232	0.248
233	0.282
234	0.318
235	0.355
236	0.393
237	0.432
238	0.473

-----Class: Node-----
Name: 15 Base Flow(cfs): 0 Init Stage(ft): 194
Group: BASE Length(ft): 0 Warn Stage(ft): 201
Comment:

Stage(ft)	Area(ac)
194	0.366
195	0.458
196	0.615
197	0.746
198	0.886
199	1.071
200	1.236
201	1.406

LEGENDS OF CLERMONT

***** Input Report *****

-----Class: Node-----

Name: 16 Base Flow(cfs): 0 Init Stage(ft): 159
Group: BASE Length(ft): 0 Warn Stage(ft): 169
Comment:

Stage(ft)	Area(ac)
159	0.573
160	0.661
161	0.751
162	0.845
163	1.112
164	1.231
165	1.52
166	1.659
167	2.016
168	2.194
169	2.387

-----Class: Node-----

Name: 18 Base Flow(cfs): 0 Init Stage(ft): 165
Group: BASE Length(ft): 0 Warn Stage(ft): 171
Comment:

Stage(ft)	Area(ac)
165	1.261
166	1.466
167	1.714
168	1.975
169	2.351
170	2.705
171	3.31

-----Class: Node-----

Name: 19 Base Flow(cfs): 0 Init Stage(ft): 178
Group: BASE Length(ft): 0 Warn Stage(ft): 183
Comment:

Stage(ft)	Area(ac)
178	0.726
179	0.798
180	0.873
181	0.949
182	1.028
183	1.11

LEGENDS OF CLERMONT

***** Input Report *****

-----Class: Node-----
Name: 20 Base Flow(cfs): 0 Init Stage(ft): 191
Group: BASE Length(ft): 0 Warn Stage(ft): 196
Comment:

Stage(ft)	Area(ac)
191	0.41
192	0.492
193	0.626
194	0.787
195	0.954
196	1.156

-----Class: Node-----
Name: 21 Base Flow(cfs): 0 Init Stage(ft): 185
Group: BASE Length(ft): 0 Warn Stage(ft): 196
Comment:

Stage(ft)	Area(ac)
185	0.227
186	0.275
187	0.326
188	0.379
189	0.434
190	0.492
191	0.803
192	1.115
193	1.374
194	1.642
195	1.872
196	2.138

-----Class: Node-----
Name: 22 Base Flow(cfs): 0 Init Stage(ft): 169
Group: BASE Length(ft): 0 Warn Stage(ft): 176
Comment:

Stage(ft)	Area(ac)
169	0.262
170	0.338
171	0.42
172	0.505
173	0.641
174	0.811
175	1.181
176	1.581

LEGENDS OF CLERMONT

***** Input Report *****

-----Class: Node-----

Name: 23 Base Flow(cfs): 0 Init Stage(ft): 130
Group: BASE Length(ft): 0 Warn Stage(ft): 150
Comment:

Stage(ft)	Area(ac)
130	0.033
135	0.33
140	0.825
145	1.521
150	2.406

-----Class: Node-----

Name: 24 Base Flow(cfs): 0 Init Stage(ft): 112
Group: BASE Length(ft): 0 Warn Stage(ft): 119
Comment:

Stage(ft)	Area(ac)
112	1.9
113	2.1
114	2.33
115	2.82
116	3.002
117	3.504
118	3.998
119	4.31

-----Class: Node-----

Name: 2A Base Flow(cfs): 0 Init Stage(ft): 190
Group: BASE Length(ft): 0 Warn Stage(ft): 198
Comment:

Stage(ft)	Area(ac)
190	0.196
191	0.229
192	0.264
193	0.3
194	0.337
195	0.375
196	0.415
197	0.456
198	0.498

**ICPR BASIN
AND
DEVELOPED HYDROGRAPH SUMMARY
25 YEAR-96 HOUR STORM**

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Basin Summary - LEGENDS *****

Basin Name:	1	2A	2B	2C	3
Group Name:	BASE	BASE	BASE	BASE	BASE
Node Name:	1	2A	2B	2C	3
Hydrograph Type:	SB	SB	SB	SB	SB

Spec Time Inc (sec):	15.00	15.00	15.00	15.00	15.00
Comp Time Inc (sec):	15.00	15.00	15.00	15.00	15.00
Rainfall File:	SJRWND96	SJRWND96	SJRWND96	SJRWND96	SJRWND96
Rainfall Amount (in):	11.20	11.20	11.20	11.20	11.20
Storm Duration (hr):	96.00	96.00	96.00	96.00	96.00
Status:	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE
Time of Conc. (min):	15.00	15.00	15.00	15.00	15.00
Lag Time (hr):	0.00	0.00	0.00	0.00	0.00
Area (acres):	7.84	8.64	18.74	14.84	23.59
Curve Number:	50.00	55.00	54.00	49.00	62.00
DCIA (%):	0.00	0.00	0.00	0.00	0.00

Time Max (hrs):	59.75	59.75	59.75	59.75	59.75
Flow Max (cfs):	17.56	22.91	48.18	31.95	75.25
Runoff Volume (in):	4.41	5.15	5.01	4.26	6.18
Runoff Volume (cf):	125474	161595	340530	229315	529004

Basin Name:	4	5	6	7	8
Group Name:	BASE	BASE	BASE	BASE	BASE
Node Name:	4	5	6	7	8
Hydrograph Type:	SB	SB	SB	SB	SB

Spec Time Inc (sec):	15.00	15.00	15.00	15.00	15.00
Comp Time Inc (sec):	15.00	15.00	15.00	15.00	15.00
Rainfall File:	SJRWND96	SJRWND96	SJRWND96	SJRWND96	SJRWND96
Rainfall Amount (in):	11.20	11.20	11.20	11.20	11.20
Storm Duration (hr):	96.00	96.00	96.00	96.00	96.00
Status:	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE
Time of Conc. (min):	15.00	15.00	15.00	15.00	15.00
Lag Time (hr):	0.00	0.00	0.00	0.00	0.00
Area (acres):	18.39	2.77	10.47	32.65	6.92
Curve Number:	48.00	39.00	39.00	51.00	45.00
DCIA (%):	0.00	0.00	0.00	0.00	0.00

Time Max (hrs):	59.75	59.75	59.75	59.75	59.75
Flow Max (cfs):	38.02	3.49	13.20	75.84	12.49
Runoff Volume (in):	4.11	2.75	2.75	4.56	3.65
Runoff Volume (cf):	274150	27578	104466	540164	91795

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Basin Summary - LEGENDS *****

 Group Name: BASE BASE BASE BASE BASE
 Node Name: 9 10 11 12 14
 Hydrograph Type: SB SB SB SB SB

Spec Time Inc (sec): 15.00 15.00 15.00 15.00 15.00
 Comp Time Inc (sec): 15.00 15.00 15.00 15.00 15.00
 Rainfall File: SJRWND96 SJRWND96 SJRWND96 SJRWND96 SJRWND96
 Rainfall Amount (in): 11.20 11.20 11.20 11.20 11.20
 Storm Duration (hr): 96.00 96.00 96.00 96.00 96.00
 Status: ONSITE ONSITE ONSITE ONSITE ONSITE
 Time of Conc. (min): 15.00 15.00 15.00 15.00 15.00
 Lag Time (hr): 0.00 0.00 0.00 0.00 0.00
 Area (acres): 7.81 13.60 11.52 14.39 4.45
 Curve Number: 60.00 53.00 52.00 53.00 56.00
 DCIA (%): 0.00 0.00 0.00 0.00 0.00

Time Max (hrs): 59.75 59.75 59.75 59.75 59.75
 Flow Max (cfs): 23.74 33.86 27.71 35.82 12.16
 Runoff Volume (in): 5.89 4.86 4.71 4.86 5.30
 Runoff Volume (cf): 166846 239820 196788 253713 85646

 Basin Name: 15 16 17 18 19
 Group Name: BASE BASE BASE BASE BASE
 Node Name: 15 16 17 18 19
 Hydrograph Type: SB SB SB SB SB

Spec Time Inc (sec): 15.00 15.00 15.00 15.00 15.00
 Comp Time Inc (sec): 15.00 15.00 15.00 15.00 15.00
 Rainfall File: SJRWND96 SJRWND96 SJRWND96 SJRWND96 SJRWND96
 Rainfall Amount (in): 11.20 11.20 11.20 11.20 11.20
 Storm Duration (hr): 96.00 96.00 96.00 96.00 96.00
 Status: ONSITE ONSITE ONSITE ONSITE ONSITE
 Time of Conc. (min): 15.00 15.00 15.00 15.00 15.00
 Lag Time (hr): 0.00 0.00 0.00 0.00 0.00
 Area (acres): 16.37 17.16 0.42 23.37 11.26
 Curve Number: 51.00 56.00 39.00 54.00 51.00
 DCIA (%): 0.00 0.00 0.00 0.00 0.00

Time Max (hrs): 59.75 59.75 59.75 59.75 59.75
 Flow Max (cfs): 38.03 46.87 0.53 60.09 26.15
 Runoff Volume (in): 4.56 5.30 2.75 5.01 4.56
 Runoff Volume (cf): 270835 330209 4189 424644 186265

 Basin Name: 20 21 22 23 24

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Basin Summary - LEGENDS *****

Hydrograph Type:	SB	SB	SB	SB	SB
NODE NAME:	20	21	22	23	24
Spec Time Inc (sec):	15.00	15.00	15.00	15.00	15.00
Comp Time Inc (sec):	15.00	15.00	15.00	15.00	15.00
Rainfall File:	SJRWMD96	SJRWMD96	SJRWMD96	SJRWMD96	SJRWMD96
Rainfall Amount (in):	11.20	11.20	11.20	11.20	11.20
Storm Duration (hr):	96.00	96.00	96.00	96.00	96.00
Status:	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE
Time of Conc. (min):	15.00	15.00	15.00	15.00	15.00
Lag Time (hr):	0.00	0.00	0.00	0.00	0.00
Area (acres):	8.70	23.79	14.35	50.90	86.15
Curve Number:	51.00	57.00	48.00	50.00	48.00
DCIA (%):	0.00	0.00	0.00	0.00	0.00

Time Max (hrs):	59.75	59.75	59.75	59.75	59.75
Flow Max (cfs):	20.21	66.87	29.67	113.96	178.14
Runoff Volume (in):	4.56	5.45	4.11	4.41	4.11
Runoff Volume (cf):	143939	470593	213958	814515	1284497

Basin Name: 999
 Group Name: BASE
 Node Name: 999
 Hydrograph Type: SB

Spec Time Inc (sec): 30.00
 Comp Time Inc (sec): 30.00
 Rainfall File: SJRWMD96
 Rainfall Amount (in): 11.20
 Storm Duration (hr): 96.00
 Status: ONSITE
 Time of Conc. (min): 999.00
 Lag Time (hr): 0.00
 Area (acres): 2.00
 Curve Number: 40.00
 DCIA (%): 0.00

Time Max (hrs): 64.00
 Flow Max (cfs): 0.17
 Runoff Volume (in): 2.90
 Runoff Volume (cf): 21041

**ICPR NODE MAX CONDITIONS
(STORMWATER ROUTING SUMMARY)
25 YEAR-96 HOUR STORM**

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Maximum Conditions - LEGENDS *****

(Time units - hours)

Node Name	Group Name	Max Time Conditions	Max Stage (ft)	Warning Stage (ft)	Max Delta Stage (ft)	Max Surface Area (sf)	Max Time Inflow	Max Inflow (cfs)	Max Time Outflow	Max Outflow (cfs)
1	BASE	60.87	202.53	205.00	0.0431	21803.90	60.01	12.42	0.00	0.00
10	BASE	60.84	214.19	219.00	0.0513	48930.60	60.01	24.97	0.00	0.00
11	BASE	61.27	214.53	218.00	0.0567	27246.87	60.01	21.75	0.00	0.00
12	BASE	61.27	215.17	216.00	0.1268	22245.07	60.01	29.50	0.00	0.00
14	BASE	61.82	233.67	238.00	0.0549	13339.54	60.01	9.88	0.00	0.00
15	BASE	60.99	198.07	201.00	0.0609	39126.55	60.01	29.99	0.00	0.00
16	BASE	60.97	162.85	169.00	0.0638	46671.63	60.01	35.67	0.00	0.00
18	BASE	60.86	166.99	171.00	0.0366	74586.89	60.01	39.72	0.00	0.00
19	BASE	61.01	180.02	183.00	0.0338	38081.62	60.01	19.70	0.00	0.00
20	BASE	60.97	193.36	196.00	0.0393	29794.57	60.01	15.33	0.00	0.00
21	BASE	61.91	193.52	196.00	0.1230	65924.40	60.01	55.42	0.00	0.00
22	BASE	61.47	173.68	176.00	0.0695	32948.25	60.01	24.87	0.00	0.00
23	BASE	62.47	145.31	150.00	0.1397	68683.30	60.01	98.66	0.00	0.00
24	BASE	61.37	116.83	119.00	0.0745	148969.49	60.01	144.61	0.00	0.00
2A	BASE	61.46	195.57	198.00	0.0830	17329.01	60.01	18.53	0.00	0.00
2B	BASE	60.96	182.23	185.00	0.0382	60255.04	60.01	34.86	0.00	0.00
2C	BASE	62.55	166.66	167.00	-0.0491	54557.99	60.01	28.16	0.00	0.00
3	BASE	61.66	171.12	175.00	0.0882	54073.75	60.01	60.27	0.00	0.00
4	BASE	60.91	179.38	185.00	0.0420	44466.78	60.01	27.02	0.00	0.00
6	BASE	60.71	199.32	204.00	-0.0124	44589.67	60.01	5.63	0.00	0.00
7	BASE	60.52	155.62	170.00	0.0809	26995.99	60.01	29.56	0.00	0.00
8	BASE	60.99	237.05	240.00	0.0334	21692.22	60.01	9.83	0.00	0.00
9	BASE	95.98	238.14	240.00	0.0154	90804.09	60.01	20.74	0.00	0.00
999	BASE	95.98	198.00	200.00	1.0000	0.00	64.00	0.17	0.00	0.00

**ICPR ROUTED HYDROGRAPH
BY BASIN
WITH INFILTRATION INPUTED FROM "PONDS"**

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Inflow					Link Q (cfs)	Link Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)		
*** Group: BASE		Node: 1							
0.000	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
1.050	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
2.019	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
3.014	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
4.014	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
5.014	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
6.014	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
7.014	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
8.014	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
9.014	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
10.014	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
11.014	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
12.014	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
13.014	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
14.014	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
15.014	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
16.014	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
17.014	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
18.014	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
19.014	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
20.014	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
21.014	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
22.014	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
23.014	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
24.014	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
25.014	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
26.014	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
27.014	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
28.014	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
29.014	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
30.014	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
31.014	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
32.014	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
33.014	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
34.014	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
35.014	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
36.014	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
37.014	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
38.014	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
39.014	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
40.014	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
41.014	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
42.014	200.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	
43.014	200.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
44.014	200.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	

45.014 200.00 0.00 0.00 0.00 -0.00 0.00 0.00 0.00



LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Inflow					Link Q (cfs)	Link Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)		
46.014	200.00	0.00	0.00	0.01	-0.01	0.00	0.00	0.00	
47.003	200.00	0.00	0.00	0.01	-0.02	0.00	0.00	0.00	
48.035	200.00	0.00	0.00	0.02	-0.03	0.00	0.00	0.00	
49.022	200.00	0.26	0.00	0.04	-0.04	0.00	0.00	0.00	
50.017	200.00	0.00	0.00	0.05	-0.05	0.00	0.00	0.00	
51.031	200.00	0.00	0.00	0.07	-0.07	0.00	0.00	0.00	
52.025	200.00	0.00	0.00	0.09	-0.10	0.00	0.00	0.00	
53.030	200.00	0.00	0.00	0.13	-0.13	0.00	0.00	0.00	
54.008	200.00	0.00	0.00	0.16	-0.16	0.00	0.00	0.00	
55.018	200.00	0.00	0.00	0.21	-0.22	0.00	0.00	0.00	
56.061	200.00	0.00	0.00	0.29	-0.31	0.00	0.00	0.00	
57.014	200.00	0.00	0.00	0.43	-0.44	0.00	0.00	0.00	
58.044	200.00	0.00	0.00	0.64	-0.79	0.00	0.00	0.00	
59.002	199.99	0.00	0.00	1.32	-1.84	0.00	0.00	0.00	
60.006	201.54	0.40	0.00	15.87	-3.46	0.00	0.00	0.00	
61.006	202.51	0.50	0.00	2.80	-4.71	0.00	0.00	0.00	
62.006	202.05	0.45	0.00	1.65	-4.93	0.00	0.00	0.00	
63.016	201.42	0.39	0.00	1.20	-4.28	0.00	0.00	0.00	
64.032	200.77	0.32	0.00	1.04	-3.41	0.00	0.00	0.00	
65.025	200.31	0.28	0.00	0.74	-1.82	0.00	0.00	0.00	
66.012	200.15	0.27	0.00	0.74	-0.74	0.00	0.00	0.00	
67.029	200.15	0.27	0.00	0.75	-0.73	0.00	0.00	0.00	
68.046	200.16	0.27	0.00	0.66	-0.64	0.00	0.00	0.00	
69.038	200.16	0.27	0.00	0.51	-0.55	0.00	0.00	0.00	
70.055	200.15	0.27	0.00	0.51	-0.51	0.00	0.00	0.00	
71.009	200.15	0.27	0.00	0.51	-0.49	0.00	0.00	0.00	
72.010	200.16	0.27	0.00	0.43	-0.41	0.00	0.00	0.00	
73.043	200.16	0.27	0.00	0.27	-0.31	0.00	0.00	0.00	
74.076	200.15	0.27	0.00	0.27	-0.27	0.00	0.00	0.00	
75.030	200.15	0.27	0.00	0.27	-0.27	0.00	0.00	0.00	
76.063	200.15	0.27	0.00	0.27	-0.27	0.00	0.00	0.00	
77.017	200.15	0.27	0.00	0.27	-0.27	0.00	0.00	0.00	
78.050	200.15	0.27	0.00	0.27	-0.27	0.00	0.00	0.00	
79.004	200.15	0.27	0.00	0.27	-0.27	0.00	0.00	0.00	
80.037	200.15	0.27	0.00	0.27	-0.27	0.00	0.00	0.00	
81.070	200.15	0.27	0.00	0.27	-0.27	0.00	0.00	0.00	
82.024	200.15	0.27	0.00	0.27	-0.27	0.00	0.00	0.00	
83.057	200.15	0.27	0.00	0.27	-0.27	0.00	0.00	0.00	
84.011	200.15	0.27	0.00	0.27	-0.27	0.00	0.00	0.00	
85.044	200.15	0.27	0.00	0.27	-0.27	0.00	0.00	0.00	
86.005	200.15	0.27	0.00	0.27	-0.27	0.00	0.00	0.00	
87.005	200.15	0.27	0.00	0.28	-0.28	0.00	0.00	0.00	
88.005	200.15	0.27	0.00	0.28	-0.28	0.00	0.00	0.00	
89.005	200.15	0.27	0.00	0.28	-0.28	0.00	0.00	0.00	
90.005	200.15	0.27	0.00	0.28	-0.28	0.00	0.00	0.00	

91.005	200.15	0.27	0.00	0.28	-0.28	0.00	0.00	0.00
92.005	200.15	0.27	0.00	0.28	-0.28	0.00	0.00	0.00

LEGENDS OF CLERMONT 25YR96ER STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	!<-----Inflow----->!					Link Q (cfs)	Link Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)		
93.055	200.15	0.27	0.00	0.28	-0.28	0.00	0.00	0.00	
94.015	200.15	0.27	0.00	0.28	-0.28	0.00	0.00	0.00	
95.018	200.16	0.27	0.00	0.28	-0.25	0.00	0.00	0.00	
96.031	200.19	0.27	0.00	0.00	0.00	0.00	0.00	0.00	
96.064	200.19	0.27	0.00	0.00	0.00	0.00	0.00	0.00	

*** Group: BASE Node: 10

0.000	210.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
1.050	210.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
2.019	210.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
3.014	210.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
4.014	210.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
5.014	210.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
6.014	210.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
7.014	210.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
8.014	210.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
9.014	210.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
10.014	210.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
11.014	210.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
12.014	210.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
13.014	210.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
14.014	210.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
15.014	210.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
16.014	210.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
17.014	210.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
18.014	210.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
19.014	210.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
20.014	210.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
21.014	210.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
22.014	210.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
23.014	210.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
24.014	210.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
25.014	210.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
26.014	210.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
27.014	210.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
28.014	210.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
29.014	210.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
30.014	210.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
31.014	210.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
32.014	210.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
33.014	210.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
34.014	210.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
35.014	210.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
36.014	210.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
37.014	210.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00

38.014	210.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
39.014	210.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00



LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	!<-----Inflow----->!					Link Q (cfs)	Link Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)		
40.014	210.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
41.014	210.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
42.014	210.00	0.00	0.00	0.01	-0.01	0.00	0.00	0.00	
43.014	210.00	0.09	0.00	0.02	-0.02	0.00	0.00	0.00	
44.014	210.00	0.09	0.00	0.04	-0.03	0.00	0.00	0.00	
45.014	210.00	0.09	0.00	0.05	-0.05	0.00	0.00	0.00	
46.014	210.00	0.09	0.00	0.06	-0.06	0.00	0.00	0.00	
47.003	210.00	0.00	0.00	0.07	-0.07	0.00	0.00	0.00	
48.035	210.00	0.00	0.00	0.09	-0.10	0.00	0.00	0.00	
49.022	210.00	0.09	0.00	0.13	-0.13	0.00	0.00	0.00	
50.017	210.00	0.00	0.00	0.16	-0.16	0.00	0.00	0.00	
51.031	210.00	0.00	0.00	0.20	-0.20	0.00	0.00	0.00	
52.025	210.00	0.00	0.00	0.24	-0.25	0.00	0.00	0.00	
53.030	210.00	0.09	0.00	0.31	-0.31	0.00	0.00	0.00	
54.008	210.00	0.00	0.00	0.38	-0.39	0.00	0.00	0.00	
55.018	210.00	0.00	0.00	0.49	-0.50	0.00	0.00	0.00	
56.061	210.00	0.00	0.00	0.65	-0.68	0.00	0.00	0.00	
57.014	210.02	0.09	0.00	0.92	-0.86	0.00	0.00	0.00	
58.044	210.18	0.11	0.00	1.35	-1.01	0.00	0.00	0.00	
59.002	210.69	0.15	0.00	2.70	-1.32	0.00	0.00	0.00	
60.006	213.33	0.83	0.00	30.23	-5.29	0.00	0.00	0.00	
61.006	214.16	1.12	0.00	5.23	-10.14	0.00	0.00	0.00	
62.006	213.68	0.97	0.00	3.07	-10.42	0.00	0.00	0.00	
63.016	213.02	0.71	0.00	2.21	-8.16	0.00	0.00	0.00	
64.032	212.35	0.49	0.00	1.92	-5.61	0.00	0.00	0.00	
65.025	211.72	0.32	0.00	1.37	-3.65	0.00	0.00	0.00	
66.012	211.23	0.22	0.00	1.37	-2.37	0.00	0.00	0.00	
67.029	210.94	0.17	0.00	1.37	-1.74	0.00	0.00	0.00	
68.046	210.76	0.16	0.00	1.22	-1.54	0.00	0.00	0.00	
69.038	210.55	0.14	0.00	0.93	-1.36	0.00	0.00	0.00	
70.055	210.34	0.12	0.00	0.93	-1.15	0.00	0.00	0.00	
71.009	210.25	0.11	0.00	0.93	-0.98	0.00	0.00	0.00	
72.010	210.24	0.11	0.00	0.79	-0.77	0.00	0.00	0.00	
73.043	210.22	0.11	0.00	0.49	-0.56	0.00	0.00	0.00	
74.076	210.19	0.11	0.00	0.49	-0.49	0.00	0.00	0.00	
75.030	210.19	0.11	0.00	0.49	-0.49	0.00	0.00	0.00	
76.063	210.19	0.11	0.00	0.49	-0.49	0.00	0.00	0.00	
77.017	210.19	0.11	0.00	0.50	-0.50	0.00	0.00	0.00	
78.050	210.19	0.11	0.00	0.50	-0.50	0.00	0.00	0.00	
79.004	210.19	0.11	0.00	0.50	-0.50	0.00	0.00	0.00	
80.037	210.19	0.11	0.00	0.50	-0.50	0.00	0.00	0.00	
81.070	210.19	0.11	0.00	0.50	-0.50	0.00	0.00	0.00	
82.024	210.19	0.11	0.00	0.50	-0.50	0.00	0.00	0.00	
83.057	210.19	0.11	0.00	0.50	-0.50	0.00	0.00	0.00	
84.011	210.19	0.11	0.00	0.50	-0.50	0.00	0.00	0.00	

85.044	210.19	0.11	0.00	0.50	-0.50	0.00	0.00	0.00
86.005	210.19	0.11	0.00	0.50	-0.50	0.00	0.00	0.00

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	{<-----Inflow----->}					Link Link Q (cfs)	Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)		
87.005	210.19	0.11	0.00	0.50	-0.50	0.00	0.00	0.00	
88.005	210.19	0.11	0.00	0.51	-0.51	0.00	0.00	0.00	
89.005	210.19	0.11	0.00	0.51	-0.51	0.00	0.00	0.00	
90.005	210.19	0.11	0.00	0.51	-0.51	0.00	0.00	0.00	
91.005	210.19	0.11	0.00	0.51	-0.51	0.00	0.00	0.00	
92.005	210.19	0.11	0.00	0.51	-0.51	0.00	0.00	0.00	
93.055	210.19	0.11	0.00	0.51	-0.51	0.00	0.00	0.00	
94.015	210.19	0.11	0.00	0.51	-0.51	0.00	0.00	0.00	
95.018	210.21	0.11	0.00	0.51	-0.46	0.00	0.00	0.00	
96.031	210.34	0.12	0.00	0.00	0.00	0.00	0.00	0.00	
96.064	210.34	0.12	0.00	0.00	0.00	0.00	0.00	0.00	

*** Group: BASE Node: 11

0.000	211.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00
1.050	211.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00
2.019	211.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00
3.014	211.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00
4.014	211.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00
5.014	211.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00
6.014	211.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00
7.014	211.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00
8.014	211.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00
9.014	211.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00
10.014	211.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00
11.014	211.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00
12.014	211.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00
13.014	211.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00
14.014	211.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00
15.014	211.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00
16.014	211.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00
17.014	211.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00
18.014	211.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00
19.014	211.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00
20.014	211.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00
21.014	211.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00
22.014	211.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00
23.014	211.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00
24.014	211.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00
25.014	211.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00
26.014	211.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00
27.014	211.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00
28.014	211.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00
29.014	211.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00
30.014	211.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00
31.014	211.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	'<-----Inflow----->'				Link Q (cfs)	Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)		
34.014	211.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00
35.014	211.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00
36.014	211.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00
37.014	211.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00
38.014	211.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00
39.014	211.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00
40.014	211.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00
41.014	211.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00
42.014	211.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00
43.014	211.00	0.00	0.00	0.01	-0.01	0.00	0.00	0.00
44.014	211.00	0.42	0.00	0.02	-0.02	0.00	0.00	0.00
45.014	211.00	0.42	0.00	0.03	-0.03	0.00	0.00	0.00
46.014	211.00	0.42	0.00	0.04	-0.04	0.00	0.00	0.00
47.003	211.00	0.00	0.00	0.05	-0.05	0.00	0.00	0.00
48.035	211.00	0.00	0.00	0.06	-0.07	0.00	0.00	0.00
49.022	211.00	0.42	0.00	0.09	-0.09	0.00	0.00	0.00
50.017	211.00	0.00	0.00	0.11	-0.12	0.00	0.00	0.00
51.031	211.00	0.00	0.00	0.15	-0.15	0.00	0.00	0.00
52.025	211.00	0.00	0.00	0.18	-0.19	0.00	0.00	0.00
53.030	211.00	0.42	0.00	0.24	-0.24	0.00	0.00	0.00
54.008	211.00	0.00	0.00	0.29	-0.30	0.00	0.00	0.00
55.018	211.00	0.00	0.00	0.38	-0.39	0.00	0.00	0.00
56.061	211.00	0.00	0.00	0.51	-0.54	0.00	0.00	0.00
57.014	211.00	0.00	0.00	0.73	-0.75	0.00	0.00	0.00
58.044	211.00	0.00	0.00	1.08	-1.27	0.00	0.00	0.00
59.002	211.00	0.00	0.00	2.17	-2.16	0.00	0.00	0.00
60.006	212.93	0.53	0.00	24.84	-3.10	0.00	0.00	0.00
61.006	214.52	0.62	0.00	4.33	-3.77	0.00	0.00	0.00
62.006	214.46	0.62	0.00	2.54	-4.07	0.00	0.00	0.00
63.016	214.21	0.61	0.00	1.84	-4.00	0.00	0.00	0.00
64.032	213.89	0.59	0.00	1.60	-3.89	0.00	0.00	0.00
65.025	213.54	0.57	0.00	1.14	-3.76	0.00	0.00	0.00
66.012	213.17	0.54	0.00	1.14	-3.61	0.00	0.00	0.00
67.029	212.79	0.52	0.00	1.14	-3.46	0.00	0.00	0.00
68.046	212.41	0.50	0.00	1.01	-3.32	0.00	0.00	0.00
69.038	212.01	0.48	0.00	0.78	-3.18	0.00	0.00	0.00
70.055	211.56	0.45	0.00	0.78	-3.31	0.00	0.00	0.00
71.009	211.20	0.43	0.00	0.78	-2.17	0.00	0.00	0.00
72.010	211.07	0.42	0.00	0.65	-0.62	0.00	0.00	0.00
73.043	211.07	0.42	0.00	0.41	-0.47	0.00	0.00	0.00
74.076	211.06	0.42	0.00	0.41	-0.41	0.00	0.00	0.00
75.030	211.06	0.42	0.00	0.41	-0.41	0.00	0.00	0.00
76.063	211.06	0.42	0.00	0.41	-0.41	0.00	0.00	0.00
77.017	211.06	0.42	0.00	0.41	-0.41	0.00	0.00	0.00
78.050	211.06	0.42	0.00	0.41	-0.41	0.00	0.00	0.00

79.004	211.06	0.42	0.00	0.42	-0.42	0.00	0.00	0.00
80.037	211.06	0.42	0.00	0.42	-0.42	0.00	0.00	0.00

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	!<-----Inflow----->!					Link Q (cfs)	Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)		
81.070	211.06	0.42	0.00	0.41	-0.41	0.00	0.00	0.00	
82.024	211.06	0.42	0.00	0.41	-0.41	0.00	0.00	0.00	
83.057	211.06	0.42	0.00	0.42	-0.42	0.00	0.00	0.00	
84.011	211.06	0.42	0.00	0.42	-0.42	0.00	0.00	0.00	
85.044	211.06	0.42	0.00	0.42	-0.42	0.00	0.00	0.00	
86.005	211.06	0.42	0.00	0.42	-0.42	0.00	0.00	0.00	
87.005	211.06	0.42	0.00	0.42	-0.42	0.00	0.00	0.00	
88.005	211.06	0.42	0.00	0.42	-0.42	0.00	0.00	0.00	
89.005	211.06	0.42	0.00	0.42	-0.42	0.00	0.00	0.00	
90.005	211.06	0.42	0.00	0.42	-0.42	0.00	0.00	0.00	
91.005	211.06	0.42	0.00	0.43	-0.43	0.00	0.00	0.00	
92.005	211.06	0.42	0.00	0.43	-0.42	0.00	0.00	0.00	
93.055	211.06	0.42	0.00	0.42	-0.42	0.00	0.00	0.00	
94.015	211.06	0.42	0.00	0.42	-0.42	0.00	0.00	0.00	
95.018	211.07	0.42	0.00	0.42	-0.38	0.00	0.00	0.00	
96.031	211.10	0.42	0.00	0.00	0.00	0.00	0.00	0.00	
96.064	211.10	0.42	0.00	0.00	0.00	0.00	0.00	0.00	

*** Group: BASE Node: 12

0.000	205.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
1.050	205.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
2.019	205.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
3.014	205.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
4.014	205.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
5.014	205.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
6.014	205.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
7.014	205.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
8.014	205.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
9.014	205.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
10.014	205.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
11.014	205.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
12.014	205.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
13.014	205.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
14.014	205.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
15.014	205.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
16.014	205.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
17.014	205.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
18.014	205.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
19.014	205.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
20.014	205.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
21.014	205.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
22.014	205.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
23.014	205.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
24.014	205.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
25.014	205.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	!-----Inflow-----!					Link Q (cfs)	Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)		
28.014	205.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	
29.014	205.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	
30.014	205.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	
31.014	205.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	
32.014	205.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	
33.014	205.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	
34.014	205.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	
35.014	205.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	
36.014	205.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	
37.014	205.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	
38.014	205.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	
39.014	205.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
40.014	205.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
41.014	205.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
42.014	205.00	0.00	0.00	0.01	-0.01	0.00	0.00	0.00	
43.014	205.00	0.09	0.00	0.02	-0.02	0.00	0.00	0.00	
44.014	205.00	0.09	0.00	0.04	-0.04	0.00	0.00	0.00	
45.014	205.00	0.09	0.00	0.05	-0.05	0.00	0.00	0.00	
46.014	205.00	0.09	0.00	0.06	-0.06	0.00	0.00	0.00	
47.003	205.00	0.00	0.00	0.07	-0.08	0.00	0.00	0.00	
48.035	205.00	0.00	0.00	0.10	-0.10	0.00	0.00	0.00	
49.022	205.00	0.09	0.00	0.14	-0.13	0.00	0.00	0.00	
50.017	205.00	0.00	0.00	0.17	-0.17	0.00	0.00	0.00	
51.031	205.00	0.00	0.00	0.21	-0.21	0.00	0.00	0.00	
52.025	205.00	0.00	0.00	0.26	-0.26	0.00	0.00	0.00	
53.030	205.00	0.09	0.00	0.33	-0.33	0.00	0.00	0.00	
54.008	205.00	0.00	0.00	0.40	-0.41	0.00	0.00	0.00	
55.018	205.00	0.00	0.00	0.51	-0.52	0.00	0.00	0.00	
56.061	205.00	0.00	0.00	0.69	-0.72	0.00	0.00	0.00	
57.014	205.02	0.09	0.00	0.97	-0.90	0.00	0.00	0.00	
58.044	205.22	0.09	0.00	1.43	-1.02	0.00	0.00	0.00	
59.002	206.01	0.12	0.00	2.86	-1.16	0.00	0.00	0.00	
60.006	212.17	0.33	0.00	31.99	-2.51	0.00	0.00	0.00	
61.006	215.16	0.51	0.00	5.53	-4.70	0.00	0.00	0.00	
62.006	215.06	0.50	0.00	3.25	-5.24	0.00	0.00	0.00	
63.016	214.81	0.49	0.00	2.34	-3.28	0.00	0.00	0.00	
64.032	214.77	0.49	0.00	2.04	-1.57	0.00	0.00	0.00	
65.025	214.83	0.49	0.00	1.45	-1.27	0.00	0.00	0.00	
66.012	214.87	0.49	0.00	1.45	-1.12	0.00	0.00	0.00	
67.029	214.94	0.50	0.00	1.45	-1.02	0.00	0.00	0.00	
68.046	215.00	0.50	0.00	1.29	-0.94	0.00	0.00	0.00	
69.038	215.04	0.50	0.00	0.99	-0.88	0.00	0.00	0.00	
70.055	215.06	0.50	0.00	0.99	-0.83	0.00	0.00	0.00	
71.009	215.09	0.51	0.00	0.99	-0.79	0.00	0.00	0.00	
72.010	215.11	0.51	0.00	0.83	-0.75	0.00	0.00	0.00	

73.043	215.10	0.51	0.00	0.52	-0.71	0.00	0.00	0.00
74.076	215.07	0.50	0.00	0.52	-0.68	0.00	0.00	0.00

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	!<-----Inflow----->!					Link Q (cfs)	Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)		
75.030	215.05	0.50	0.00	0.52	-0.65	0.00	0.00	0.00	
76.063	215.03	0.50	0.00	0.52	-0.63	0.00	0.00	0.00	
77.017	215.01	0.50	0.00	0.53	-0.61	0.00	0.00	0.00	
78.050	215.00	0.50	0.00	0.53	-0.60	0.00	0.00	0.00	
79.004	214.99	0.50	0.00	0.53	-0.58	0.00	0.00	0.00	
80.037	214.98	0.50	0.00	0.53	-0.57	0.00	0.00	0.00	
81.070	214.97	0.50	0.00	0.53	-0.56	0.00	0.00	0.00	
82.024	214.97	0.50	0.00	0.53	-0.55	0.00	0.00	0.00	
83.057	214.97	0.50	0.00	0.53	-0.53	0.00	0.00	0.00	
84.011	214.97	0.50	0.00	0.53	-0.53	0.00	0.00	0.00	
85.044	214.97	0.50	0.00	0.53	-0.52	0.00	0.00	0.00	
86.005	214.97	0.50	0.00	0.53	-0.51	0.00	0.00	0.00	
87.005	214.98	0.50	0.00	0.53	-0.50	0.00	0.00	0.00	
88.005	214.98	0.50	0.00	0.53	-0.50	0.00	0.00	0.00	
89.005	214.99	0.50	0.00	0.54	-0.49	0.00	0.00	0.00	
90.005	215.00	0.50	0.00	0.54	-0.49	0.00	0.00	0.00	
91.005	215.00	0.50	0.00	0.54	-0.48	0.00	0.00	0.00	
92.005	215.01	0.50	0.00	0.54	-0.48	0.00	0.00	0.00	
93.055	215.03	0.50	0.00	0.54	-0.47	0.00	0.00	0.00	
94.015	215.04	0.50	0.00	0.54	-0.47	0.00	0.00	0.00	
95.018	215.05	0.50	0.00	0.54	-0.45	0.00	0.00	0.00	
96.031	215.08	0.51	0.00	0.00	0.00	0.00	0.00	0.00	
96.064	215.08	0.51	0.00	0.00	0.00	0.00	0.00	0.00	

*** Group: BASE Node: 14

0.000	230.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00
1.050	230.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00
2.019	230.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00
3.014	230.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00
4.014	230.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00
5.014	230.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00
6.014	230.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00
7.014	230.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00
8.014	230.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00
9.014	230.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00
10.014	230.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00
11.014	230.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00
12.014	230.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00
13.014	230.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00
14.014	230.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00
15.014	230.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00
16.014	230.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00
17.014	230.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00
18.014	230.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00
19.014	230.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00

20.014	230.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00
21.014	230.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	'<-----Inflow----->'					Link Q (cfs)	Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)		
22.014	230.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	
23.014	230.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	
24.014	230.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	
25.014	230.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	
26.014	230.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	
27.014	230.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	
28.014	230.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	
29.014	230.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	
30.014	230.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	
31.014	230.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	
32.014	230.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	
33.014	230.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	
34.014	230.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	
35.014	230.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	
36.014	230.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
37.014	230.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
38.014	230.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
39.014	230.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
40.014	230.00	0.00	0.00	0.01	-0.01	0.00	0.00	0.00	
41.014	230.00	0.18	0.00	0.01	-0.01	0.00	0.00	0.00	
42.014	230.00	0.18	0.00	0.02	-0.02	0.00	0.00	0.00	
43.014	230.00	0.18	0.00	0.02	-0.02	0.00	0.00	0.00	
44.014	230.00	0.18	0.00	0.03	-0.03	0.00	0.00	0.00	
45.014	230.00	0.18	0.00	0.03	-0.03	0.00	0.00	0.00	
46.014	230.00	0.18	0.00	0.03	-0.03	0.00	0.00	0.00	
47.003	230.00	0.00	0.00	0.04	-0.04	0.00	0.00	0.00	
48.035	230.00	0.00	0.00	0.05	-0.05	0.00	0.00	0.00	
49.022	230.00	0.18	0.00	0.06	-0.06	0.00	0.00	0.00	
50.017	230.00	0.18	0.00	0.07	-0.07	0.00	0.00	0.00	
51.031	230.00	0.00	0.00	0.09	-0.09	0.00	0.00	0.00	
52.025	230.00	0.00	0.00	0.11	-0.11	0.00	0.00	0.00	
53.030	230.00	0.18	0.00	0.13	-0.13	0.00	0.00	0.00	
54.008	230.00	0.00	0.00	0.16	-0.16	0.00	0.00	0.00	
55.018	230.00	0.00	0.00	0.20	-0.20	0.00	0.00	0.00	
56.061	230.00	0.00	0.00	0.26	-0.27	0.00	0.00	0.00	
57.014	230.00	0.00	0.00	0.36	-0.37	0.00	0.00	0.00	
58.044	230.00	0.00	0.00	0.52	-0.59	0.00	0.00	0.00	
59.002	230.04	0.19	0.00	1.02	-0.74	0.00	0.00	0.00	
60.006	232.01	0.25	0.00	10.74	-0.87	0.00	0.00	0.00	
61.006	233.59	0.30	0.00	1.82	-1.11	0.00	0.00	0.00	
62.006	233.67	0.31	0.00	1.06	-1.23	0.00	0.00	0.00	
63.016	233.58	0.30	0.00	0.77	-1.22	0.00	0.00	0.00	
64.032	233.44	0.30	0.00	0.67	-1.21	0.00	0.00	0.00	
65.025	233.27	0.29	0.00	0.47	-1.19	0.00	0.00	0.00	
66.012	233.04	0.28	0.00	0.47	-1.37	0.00	0.00	0.00	

67.029	232.81	0.28	0.00	0.47	-1.06	0.00	0.00	0.00
68.046	232.71	0.27	0.00	0.42	-0.50	0.00	0.00	0.00

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	!<-----Inflow----->!					Link Q (cfs)	Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)		
69.038	232.69	0.27	0.00	0.32	-0.39	0.00	0.00	0.00	
70.055	232.68	0.27	0.00	0.32	-0.33	0.00	0.00	0.00	
71.009	232.68	0.27	0.00	0.32	-0.30	0.00	0.00	0.00	
72.010	232.68	0.27	0.00	0.27	-0.27	0.00	0.00	0.00	
73.043	232.67	0.27	0.00	0.17	-0.25	0.00	0.00	0.00	
74.076	232.65	0.27	0.00	0.17	-0.23	0.00	0.00	0.00	
75.030	232.63	0.27	0.00	0.17	-0.22	0.00	0.00	0.00	
76.063	232.62	0.27	0.00	0.17	-0.20	0.00	0.00	0.00	
77.017	232.61	0.27	0.00	0.17	-0.20	0.00	0.00	0.00	
78.050	232.60	0.27	0.00	0.17	-0.19	0.00	0.00	0.00	
79.004	232.60	0.27	0.00	0.17	-0.18	0.00	0.00	0.00	
80.037	232.60	0.27	0.00	0.17	-0.18	0.00	0.00	0.00	
81.070	232.60	0.27	0.00	0.17	-0.17	0.00	0.00	0.00	
82.024	232.60	0.27	0.00	0.17	-0.17	0.00	0.00	0.00	
83.057	232.60	0.27	0.00	0.17	-0.16	0.00	0.00	0.00	
84.011	232.60	0.27	0.00	0.17	-0.16	0.00	0.00	0.00	
85.044	232.61	0.27	0.00	0.17	-0.15	0.00	0.00	0.00	
86.005	232.61	0.27	0.00	0.17	-0.15	0.00	0.00	0.00	
87.005	232.62	0.27	0.00	0.17	-0.15	0.00	0.00	0.00	
88.005	232.63	0.27	0.00	0.17	-0.15	0.00	0.00	0.00	
89.005	232.64	0.27	0.00	0.17	-0.14	0.00	0.00	0.00	
90.005	232.65	0.27	0.00	0.17	-0.14	0.00	0.00	0.00	
91.005	232.66	0.27	0.00	0.17	-0.14	0.00	0.00	0.00	
92.005	232.67	0.27	0.00	0.17	-0.14	0.00	0.00	0.00	
93.055	232.68	0.27	0.00	0.17	-0.14	0.00	0.00	0.00	
94.015	232.69	0.27	0.00	0.17	-0.14	0.00	0.00	0.00	
95.018	232.70	0.27	0.00	0.17	-0.13	0.00	0.00	0.00	
96.031	232.73	0.27	0.00	0.00	0.00	0.00	0.00	0.00	
96.064	232.73	0.27	0.00	0.00	0.00	0.00	0.00	0.00	

*** Group: BASE Node: 15

0.000	194.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00
1.050	194.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00
2.019	194.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00
3.014	194.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00
4.014	194.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00
5.014	194.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00
6.014	194.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00
7.014	194.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00
8.014	194.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00
9.014	194.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00
10.014	194.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00
11.014	194.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00
12.014	194.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00
13.014	194.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	'<-----Inflow----->'					Link Q (cfs)	Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)		
16.014	194.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	
17.014	194.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	
18.014	194.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	
19.014	194.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	
20.014	194.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	
21.014	194.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	
22.014	194.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	
23.014	194.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	
24.014	194.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	
25.014	194.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	
26.014	194.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	
27.014	194.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	
28.014	194.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	
29.014	194.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	
30.014	194.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	
31.014	194.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	
32.014	194.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	
33.014	194.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	
34.014	194.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	
35.014	194.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	
36.014	194.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	
37.014	194.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	
38.014	194.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	
39.014	194.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	
40.014	194.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	
41.014	194.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	
42.014	194.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
43.014	194.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
44.014	194.00	0.00	0.00	0.01	-0.01	0.00	0.00	0.00	
45.014	194.00	0.00	0.00	0.02	-0.02	0.00	0.00	0.00	
46.014	194.00	0.37	0.00	0.03	-0.03	0.00	0.00	0.00	
47.003	194.00	0.00	0.00	0.05	-0.05	0.00	0.00	0.00	
48.035	194.00	0.00	0.00	0.07	-0.07	0.00	0.00	0.00	
49.022	194.00	0.37	0.00	0.10	-0.10	0.00	0.00	0.00	
50.017	194.00	0.00	0.00	0.14	-0.14	0.00	0.00	0.00	
51.031	194.00	0.00	0.00	0.18	-0.18	0.00	0.00	0.00	
52.025	194.00	0.00	0.00	0.23	-0.23	0.00	0.00	0.00	
53.030	194.00	0.37	0.00	0.30	-0.30	0.00	0.00	0.00	
54.008	194.00	0.00	0.00	0.37	-0.38	0.00	0.00	0.00	
55.018	194.00	0.00	0.00	0.49	-0.50	0.00	0.00	0.00	
56.061	194.00	0.00	0.00	0.67	-0.70	0.00	0.00	0.00	
57.014	194.00	0.00	0.00	0.96	-0.99	0.00	0.00	0.00	
58.044	193.99	0.00	0.00	1.44	-1.68	0.00	0.00	0.00	
59.002	194.02	0.37	0.00	2.93	-2.54	0.00	0.00	0.00	
60.006	196.52	0.68	0.00	34.22	-4.25	0.00	0.00	0.00	

61.006	198.07	0.90	0.00	6.00	-6.39	0.00	0.00	0.00
62.006	197.88	0.87	0.00	3.53	-7.10	0.00	0.00	0.00

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	!<-----Inflow----->!					Link Q (cfs)	Link Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)		
63.016	197.56	0.82	0.00	2.56	-5.39	0.00	0.00	0.00	
64.032	197.40	0.80	0.00	2.22	-2.55	0.00	0.00	0.00	
65.025	197.41	0.80	0.00	1.58	-1.14	0.00	0.00	0.00	
66.012	197.47	0.81	0.00	1.59	-0.92	0.00	0.00	0.00	
67.029	197.54	0.82	0.00	1.59	-0.81	0.00	0.00	0.00	
68.046	197.61	0.83	0.00	1.41	-0.74	0.00	0.00	0.00	
69.038	197.67	0.84	0.00	1.08	-0.68	0.00	0.00	0.00	
70.055	197.71	0.85	0.00	1.08	-0.64	0.00	0.00	0.00	
71.009	197.75	0.85	0.00	1.08	-0.61	0.00	0.00	0.00	
72.010	197.79	0.86	0.00	0.91	-0.57	0.00	0.00	0.00	
73.043	197.81	0.86	0.00	0.57	-0.54	0.00	0.00	0.00	
74.076	197.81	0.86	0.00	0.57	-0.51	0.00	0.00	0.00	
75.030	197.82	0.86	0.00	0.57	-0.49	0.00	0.00	0.00	
76.063	197.83	0.86	0.00	0.57	-0.47	0.00	0.00	0.00	
77.017	197.84	0.86	0.00	0.58	-0.46	0.00	0.00	0.00	
78.050	197.85	0.87	0.00	0.58	-0.44	0.00	0.00	0.00	
79.004	197.86	0.87	0.00	0.58	-0.43	0.00	0.00	0.00	
80.037	197.88	0.87	0.00	0.58	-0.42	0.00	0.00	0.00	
81.070	197.90	0.87	0.00	0.58	-0.42	0.00	0.00	0.00	
82.024	197.91	0.87	0.00	0.58	-0.41	0.00	0.00	0.00	
83.057	197.93	0.88	0.00	0.58	-0.40	0.00	0.00	0.00	
84.011	197.94	0.88	0.00	0.58	-0.39	0.00	0.00	0.00	
85.044	197.96	0.88	0.00	0.58	-0.39	0.00	0.00	0.00	
86.005	197.98	0.88	0.00	0.58	-0.38	0.00	0.00	0.00	
87.005	198.00	0.89	0.00	0.59	-0.38	0.00	0.00	0.00	
88.005	198.02	0.89	0.00	0.59	-0.37	0.00	0.00	0.00	
89.005	198.04	0.89	0.00	0.59	-0.37	0.00	0.00	0.00	
90.005	198.06	0.90	0.00	0.59	-0.37	0.00	0.00	0.00	
91.005	198.08	0.90	0.00	0.59	-0.36	0.00	0.00	0.00	
92.005	198.10	0.90	0.00	0.59	-0.36	0.00	0.00	0.00	
93.055	198.12	0.91	0.00	0.59	-0.36	0.00	0.00	0.00	
94.015	198.14	0.91	0.00	0.59	-0.36	0.00	0.00	0.00	
95.018	198.17	0.92	0.00	0.59	-0.35	0.00	0.00	0.00	
96.031	198.19	0.92	0.00	0.00	0.00	0.00	0.00	0.00	
96.064	198.19	0.92	0.00	0.00	0.00	0.00	0.00	0.00	

*** Group: BASE Node: 16

0.000	159.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00
1.050	159.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00
2.019	159.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00
3.014	159.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00
4.014	159.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00
5.014	159.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00
6.014	159.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00
7.014	159.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	!<-----Inflow----->!					Link Q (cfs)	Link Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)		
10.014	159.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	
11.014	159.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	
12.014	159.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	
13.014	159.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	
14.014	159.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	
15.014	159.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	
16.014	159.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	
17.014	159.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	
18.014	159.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	
19.014	159.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	
20.014	159.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	
21.014	159.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	
22.014	159.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	
23.014	159.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	
24.014	159.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	
25.014	159.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	
26.014	159.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	
27.014	159.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	
28.014	159.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	
29.014	159.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	
30.014	159.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	
31.014	159.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	
32.014	159.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	
33.014	159.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	
34.014	159.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	
35.014	159.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	
36.014	159.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
37.014	159.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
38.014	159.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
39.014	159.00	0.00	0.00	0.01	-0.02	0.00	0.00	0.00	
40.014	159.00	0.00	0.00	0.03	-0.03	0.00	0.00	0.00	
41.014	159.00	0.57	0.00	0.05	-0.05	0.00	0.00	0.00	
42.014	159.00	0.57	0.00	0.07	-0.07	0.00	0.00	0.00	
43.014	159.00	0.57	0.00	0.09	-0.09	0.00	0.00	0.00	
44.014	159.00	0.57	0.00	0.10	-0.10	0.00	0.00	0.00	
45.014	159.00	0.57	0.00	0.12	-0.12	0.00	0.00	0.00	
46.014	159.00	0.57	0.00	0.13	-0.13	0.00	0.00	0.00	
47.003	159.00	0.00	0.00	0.15	-0.15	0.00	0.00	0.00	
48.035	159.00	0.00	0.00	0.18	-0.19	0.00	0.00	0.00	
49.022	159.00	0.57	0.00	0.24	-0.24	0.00	0.00	0.00	
50.017	159.00	0.57	0.00	0.28	-0.29	0.00	0.00	0.00	
51.031	159.00	0.00	0.00	0.34	-0.35	0.00	0.00	0.00	
52.025	159.00	0.00	0.00	0.41	-0.42	0.00	0.00	0.00	
53.030	159.00	0.57	0.00	0.51	-0.51	0.00	0.00	0.00	
54.008	159.00	0.00	0.00	0.60	-0.62	0.00	0.00	0.00	

55.018	159.00	0.00	0.00	0.76	-0.78	0.00	0.00	0.00
56.061	159.00	0.00	0.00	1.00	-1.05	0.00	0.00	0.00



LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar. (ac)	!<-----Inflow----->!					Link Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	
57.014	159.00	0.00	0.00	1.39	-1.43	0.00	0.00	0.00
58.044	158.99	0.00	0.00	2.00	-2.34	0.00	0.00	0.00
59.002	159.00	0.00	0.00	3.92	-3.90	0.00	0.00	0.00
60.006	161.23	0.77	0.00	41.42	-5.76	0.00	0.00	0.00
61.006	162.85	1.07	0.00	7.03	-7.90	0.00	0.00	0.00
62.006	162.62	1.01	0.00	4.10	-8.86	0.00	0.00	0.00
63.016	162.19	0.90	0.00	2.95	-8.02	0.00	0.00	0.00
64.032	161.71	0.82	0.00	2.56	-7.23	0.00	0.00	0.00
65.025	161.22	0.77	0.00	1.82	-6.75	0.00	0.00	0.00
66.012	160.70	0.72	0.00	1.82	-6.35	0.00	0.00	0.00
67.029	160.18	0.68	0.00	1.83	-5.94	0.00	0.00	0.00
68.046	159.67	0.63	0.00	1.62	-5.46	0.00	0.00	0.00
69.038	159.26	0.60	0.00	1.24	-3.44	0.00	0.00	0.00
70.055	159.10	0.58	0.00	1.24	-1.44	0.00	0.00	0.00
71.009	159.09	0.58	0.00	1.24	-1.19	0.00	0.00	0.00
72.010	159.10	0.58	0.00	1.04	-0.99	0.00	0.00	0.00
73.043	159.09	0.58	0.00	0.65	-0.75	0.00	0.00	0.00
74.076	159.09	0.58	0.00	0.65	-0.65	0.00	0.00	0.00
75.030	159.09	0.58	0.00	0.65	-0.65	0.00	0.00	0.00
76.063	159.09	0.58	0.00	0.65	-0.65	0.00	0.00	0.00
77.017	159.09	0.58	0.00	0.66	-0.66	0.00	0.00	0.00
78.050	159.09	0.58	0.00	0.66	-0.66	0.00	0.00	0.00
79.004	159.09	0.58	0.00	0.66	-0.66	0.00	0.00	0.00
80.037	159.09	0.58	0.00	0.66	-0.66	0.00	0.00	0.00
81.070	159.09	0.58	0.00	0.66	-0.66	0.00	0.00	0.00
82.024	159.09	0.58	0.00	0.66	-0.66	0.00	0.00	0.00
83.057	159.09	0.58	0.00	0.66	-0.66	0.00	0.00	0.00
84.011	159.09	0.58	0.00	0.66	-0.66	0.00	0.00	0.00
85.044	159.09	0.58	0.00	0.66	-0.66	0.00	0.00	0.00
86.005	159.09	0.58	0.00	0.66	-0.66	0.00	0.00	0.00
87.005	159.09	0.58	0.00	0.66	-0.66	0.00	0.00	0.00
88.005	159.09	0.58	0.00	0.67	-0.67	0.00	0.00	0.00
89.005	159.09	0.58	0.00	0.67	-0.67	0.00	0.00	0.00
90.005	159.09	0.58	0.00	0.67	-0.67	0.00	0.00	0.00
91.005	159.09	0.58	0.00	0.67	-0.67	0.00	0.00	0.00
92.005	159.09	0.58	0.00	0.67	-0.67	0.00	0.00	0.00
93.055	159.09	0.58	0.00	0.67	-0.67	0.00	0.00	0.00
94.015	159.09	0.58	0.00	0.67	-0.67	0.00	0.00	0.00
95.018	159.09	0.58	0.00	0.67	-0.60	0.00	0.00	0.00
96.031	159.12	0.58	0.00	0.00	0.00	0.00	0.00	0.00
96.064	159.12	0.58	0.00	0.00	0.00	0.00	0.00	0.00

*** Group: BASE Node: 18
 0.000 165.00 1.26 0.00 0.00 0.00 0.00 0.00 0.00
 1.050 165.00 1.26 0.00 0.00 0.00 0.00 0.00 0.00

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	{<-----Inflow----->}					Link Q (cfs)	Link Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)		
4.014	165.00	1.26	0.00	0.00	0.00	0.00	0.00	0.00	
5.014	165.00	1.26	0.00	0.00	0.00	0.00	0.00	0.00	
6.014	165.00	1.26	0.00	0.00	0.00	0.00	0.00	0.00	
7.014	165.00	1.26	0.00	0.00	0.00	0.00	0.00	0.00	
8.014	165.00	1.26	0.00	0.00	0.00	0.00	0.00	0.00	
9.014	165.00	1.26	0.00	0.00	0.00	0.00	0.00	0.00	
10.014	165.00	1.26	0.00	0.00	0.00	0.00	0.00	0.00	
11.014	165.00	1.26	0.00	0.00	0.00	0.00	0.00	0.00	
12.014	165.00	1.26	0.00	0.00	0.00	0.00	0.00	0.00	
13.014	165.00	1.26	0.00	0.00	0.00	0.00	0.00	0.00	
14.014	165.00	1.26	0.00	0.00	0.00	0.00	0.00	0.00	
15.014	165.00	1.26	0.00	0.00	0.00	0.00	0.00	0.00	
16.014	165.00	1.26	0.00	0.00	0.00	0.00	0.00	0.00	
17.014	165.00	1.26	0.00	0.00	0.00	0.00	0.00	0.00	
18.014	165.00	1.26	0.00	0.00	0.00	0.00	0.00	0.00	
19.014	165.00	1.26	0.00	0.00	0.00	0.00	0.00	0.00	
20.014	165.00	1.26	0.00	0.00	0.00	0.00	0.00	0.00	
21.014	165.00	1.26	0.00	0.00	0.00	0.00	0.00	0.00	
22.014	165.00	1.26	0.00	0.00	0.00	0.00	0.00	0.00	
23.014	165.00	1.26	0.00	0.00	0.00	0.00	0.00	0.00	
24.014	165.00	1.26	0.00	0.00	0.00	0.00	0.00	0.00	
25.014	165.00	1.26	0.00	0.00	0.00	0.00	0.00	0.00	
26.014	165.00	1.26	0.00	0.00	0.00	0.00	0.00	0.00	
27.014	165.00	1.26	0.00	0.00	0.00	0.00	0.00	0.00	
28.014	165.00	1.26	0.00	0.00	0.00	0.00	0.00	0.00	
29.014	165.00	1.26	0.00	0.00	0.00	0.00	0.00	0.00	
30.014	165.00	1.26	0.00	0.00	0.00	0.00	0.00	0.00	
31.014	165.00	1.26	0.00	0.00	0.00	0.00	0.00	0.00	
32.014	165.00	1.26	0.00	0.00	0.00	0.00	0.00	0.00	
33.014	165.00	1.26	0.00	0.00	0.00	0.00	0.00	0.00	
34.014	165.00	1.26	0.00	0.00	0.00	0.00	0.00	0.00	
35.014	165.00	1.26	0.00	0.00	0.00	0.00	0.00	0.00	
36.014	165.00	1.26	0.00	0.00	0.00	0.00	0.00	0.00	
37.014	165.00	1.26	0.00	0.00	0.00	0.00	0.00	0.00	
38.014	165.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
39.014	165.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
40.014	165.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
41.014	165.00	0.00	0.00	0.02	-0.02	0.00	0.00	0.00	
42.014	165.00	1.26	0.00	0.04	-0.04	0.00	0.00	0.00	
43.014	165.00	1.26	0.00	0.07	-0.06	0.00	0.00	0.00	
44.014	165.00	1.26	0.00	0.09	-0.09	0.00	0.00	0.00	
45.014	165.00	1.26	0.00	0.11	-0.11	0.00	0.00	0.00	
46.014	165.00	1.26	0.00	0.13	-0.13	0.00	0.00	0.00	
47.003	165.00	0.00	0.00	0.15	-0.15	0.00	0.00	0.00	
48.035	165.00	0.00	0.00	0.19	-0.19	0.00	0.00	0.00	

49.022	165.00	1.26	0.00	0.26	-0.25	0.00	0.00	0.00
50.017	165.00	1.26	0.00	0.31	-0.31	0.00	0.00	0.00

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar. (ac)	!<-----Inflow----->!					Link Q (cfs)	Link Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)		
51.031	165.00	0.00	0.00	0.38	-0.38	0.00	0.00	0.00	
52.025	165.00	0.00	0.00	0.46	-0.47	0.00	0.00	0.00	
53.030	165.00	1.26	0.00	0.59	-0.59	0.00	0.00	0.00	
54.008	165.00	0.00	0.00	0.70	-0.72	0.00	0.00	0.00	
55.018	165.00	0.00	0.00	0.90	-0.92	0.00	0.00	0.00	
56.061	165.00	0.00	0.00	1.20	-1.26	0.00	0.00	0.00	
57.014	165.00	0.00	0.00	1.68	-1.73	0.00	0.00	0.00	
58.044	165.00	0.00	0.00	2.46	-3.03	0.00	0.00	0.00	
59.002	164.99	0.00	0.00	4.88	-8.15	0.00	0.00	0.00	
60.006	166.12	1.50	0.00	53.46	-13.76	0.00	0.00	0.00	
61.006	166.97	1.71	0.00	9.18	-15.88	0.00	0.00	0.00	
62.006	166.53	1.60	0.00	5.38	-16.35	0.00	0.00	0.00	
63.016	165.92	1.45	0.00	3.88	-14.93	0.00	0.00	0.00	
64.032	165.41	1.34	0.00	3.37	-9.30	0.00	0.00	0.00	
65.025	165.19	1.30	0.00	2.39	-3.51	0.00	0.00	0.00	
66.012	165.16	1.29	0.00	2.40	-2.40	0.00	0.00	0.00	
67.029	165.16	1.29	0.00	2.41	-2.34	0.00	0.00	0.00	
68.046	165.17	1.30	0.00	2.13	-2.07	0.00	0.00	0.00	
69.038	165.16	1.29	0.00	1.63	-1.76	0.00	0.00	0.00	
70.055	165.16	1.29	0.00	1.63	-1.63	0.00	0.00	0.00	
71.009	165.16	1.29	0.00	1.63	-1.57	0.00	0.00	0.00	
72.010	165.17	1.29	0.00	1.37	-1.31	0.00	0.00	0.00	
73.043	165.16	1.29	0.00	0.86	-0.98	0.00	0.00	0.00	
74.076	165.16	1.29	0.00	0.86	-0.86	0.00	0.00	0.00	
75.030	165.16	1.29	0.00	0.86	-0.86	0.00	0.00	0.00	
76.063	165.16	1.29	0.00	0.86	-0.86	0.00	0.00	0.00	
77.017	165.16	1.29	0.00	0.87	-0.87	0.00	0.00	0.00	
78.050	165.16	1.29	0.00	0.87	-0.87	0.00	0.00	0.00	
79.004	165.16	1.29	0.00	0.87	-0.87	0.00	0.00	0.00	
80.037	165.16	1.29	0.00	0.87	-0.87	0.00	0.00	0.00	
81.070	165.16	1.29	0.00	0.87	-0.87	0.00	0.00	0.00	
82.024	165.16	1.29	0.00	0.87	-0.87	0.00	0.00	0.00	
83.057	165.16	1.29	0.00	0.87	-0.87	0.00	0.00	0.00	
84.011	165.16	1.29	0.00	0.87	-0.87	0.00	0.00	0.00	
85.044	165.16	1.29	0.00	0.87	-0.87	0.00	0.00	0.00	
86.005	165.16	1.29	0.00	0.88	-0.88	0.00	0.00	0.00	
87.005	165.16	1.29	0.00	0.88	-0.88	0.00	0.00	0.00	
88.005	165.16	1.29	0.00	0.88	-0.88	0.00	0.00	0.00	
89.005	165.16	1.29	0.00	0.89	-0.89	0.00	0.00	0.00	
90.005	165.16	1.29	0.00	0.89	-0.89	0.00	0.00	0.00	
91.005	165.16	1.29	0.00	0.89	-0.89	0.00	0.00	0.00	
92.005	165.16	1.29	0.00	0.89	-0.89	0.00	0.00	0.00	
93.055	165.16	1.29	0.00	0.89	-0.89	0.00	0.00	0.00	
94.015	165.16	1.29	0.00	0.89	-0.89	0.00	0.00	0.00	
95.018	165.16	1.29	0.00	0.88	-0.88	0.00	0.00	0.00	

96.031	165.18	1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
96.064	165.18	1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00



LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	<-----Inflow----->					Link Q (cfs)	Link Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)		
*** Group: BASE		Node: 19							
0.000	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
1.050	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
2.019	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
3.014	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
4.014	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
5.014	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
6.014	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
7.014	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
8.014	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
9.014	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
10.014	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
11.014	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
12.014	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
13.014	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
14.014	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
15.014	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
16.014	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
17.014	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
18.014	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
19.014	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
20.014	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
21.014	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
22.014	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
23.014	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
24.014	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
25.014	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
26.014	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
27.014	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
28.014	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
29.014	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
30.014	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
31.014	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
32.014	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
33.014	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
34.014	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
35.014	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
36.014	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
37.014	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
38.014	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
39.014	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
40.014	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
41.014	178.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
42.014	178.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
43.014	178.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	

44.014	178.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
45.014	178.00	0.00	0.00	0.01	-0.01	0.00	0.00	0.00



LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	!<-----Inflow----->!					Link Q (cfs)	Link Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)		
46.014	178.00	0.73	0.00	0.02	-0.02	0.00	0.00	0.00	
47.003	178.00	0.00	0.00	0.03	-0.03	0.00	0.00	0.00	
48.035	178.00	0.00	0.00	0.05	-0.05	0.00	0.00	0.00	
49.022	178.00	0.73	0.00	0.07	-0.07	0.00	0.00	0.00	
50.017	178.00	0.00	0.00	0.09	-0.10	0.00	0.00	0.00	
51.031	178.00	0.00	0.00	0.12	-0.12	0.00	0.00	0.00	
52.025	178.00	0.00	0.00	0.16	-0.16	0.00	0.00	0.00	
53.030	178.00	0.73	0.00	0.21	-0.21	0.00	0.00	0.00	
54.008	178.00	0.00	0.00	0.26	-0.26	0.00	0.00	0.00	
55.018	178.00	0.00	0.00	0.34	-0.34	0.00	0.00	0.00	
56.061	178.00	0.00	0.00	0.46	-0.48	0.00	0.00	0.00	
57.014	178.00	0.00	0.00	0.66	-0.68	0.00	0.00	0.00	
58.044	178.00	0.00	0.00	0.99	-1.19	0.00	0.00	0.00	
59.002	178.00	0.00	0.00	2.01	-2.56	0.00	0.00	0.00	
60.006	179.05	0.80	0.00	23.54	-3.84	0.00	0.00	0.00	
61.006	180.02	0.87	0.00	4.13	-4.21	0.00	0.00	0.00	
62.006	179.92	0.87	0.00	2.43	-4.37	0.00	0.00	0.00	
63.016	179.70	0.85	0.00	1.76	-4.31	0.00	0.00	0.00	
64.032	179.44	0.83	0.00	1.53	-4.22	0.00	0.00	0.00	
65.025	179.15	0.81	0.00	1.09	-4.11	0.00	0.00	0.00	
66.012	178.85	0.79	0.00	1.09	-4.00	0.00	0.00	0.00	
67.029	178.54	0.77	0.00	1.09	-3.87	0.00	0.00	0.00	
68.046	178.27	0.75	0.00	0.97	-3.07	0.00	0.00	0.00	
69.038	178.11	0.73	0.00	0.74	-1.56	0.00	0.00	0.00	
70.055	178.07	0.73	0.00	0.74	-0.74	0.00	0.00	0.00	
71.009	178.07	0.73	0.00	0.75	-0.72	0.00	0.00	0.00	
72.010	178.07	0.73	0.00	0.63	-0.60	0.00	0.00	0.00	
73.043	178.07	0.73	0.00	0.39	-0.45	0.00	0.00	0.00	
74.076	178.07	0.73	0.00	0.39	-0.39	0.00	0.00	0.00	
75.030	178.07	0.73	0.00	0.39	-0.39	0.00	0.00	0.00	
76.063	178.06	0.73	0.00	0.39	-0.39	0.00	0.00	0.00	
77.017	178.07	0.73	0.00	0.40	-0.40	0.00	0.00	0.00	
78.050	178.07	0.73	0.00	0.40	-0.40	0.00	0.00	0.00	
79.004	178.07	0.73	0.00	0.40	-0.40	0.00	0.00	0.00	
80.037	178.07	0.73	0.00	0.40	-0.40	0.00	0.00	0.00	
81.070	178.07	0.73	0.00	0.40	-0.40	0.00	0.00	0.00	
82.024	178.07	0.73	0.00	0.40	-0.40	0.00	0.00	0.00	
83.057	178.07	0.73	0.00	0.40	-0.40	0.00	0.00	0.00	
84.011	178.07	0.73	0.00	0.40	-0.40	0.00	0.00	0.00	
85.044	178.07	0.73	0.00	0.40	-0.40	0.00	0.00	0.00	
86.005	178.07	0.73	0.00	0.40	-0.40	0.00	0.00	0.00	
87.005	178.07	0.73	0.00	0.40	-0.40	0.00	0.00	0.00	
88.005	178.06	0.73	0.00	0.40	-0.40	0.00	0.00	0.00	
89.005	178.07	0.73	0.00	0.41	-0.41	0.00	0.00	0.00	
90.005	178.07	0.73	0.00	0.41	-0.41	0.00	0.00	0.00	

91.005	178.07	0.73	0.00	0.41	-0.41	0.00	0.00	0.00
92.005	178.07	0.73	0.00	0.41	-0.41	0.00	0.00	0.00

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	!<-----Inflow----->!					Link Q (cfs)	Link Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)		
93.055	178.07	0.73	0.00	0.41	-0.41	0.00	0.00	0.00	
94.015	178.07	0.73	0.00	0.41	-0.41	0.00	0.00	0.00	
95.018	178.07	0.73	0.00	0.41	-0.37	0.00	0.00	0.00	
96.031	178.08	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
96.064	178.08	0.73	0.00	0.00	0.00	0.00	0.00	0.00	

*** Group: BASE Node: 20

0.000	191.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00
1.050	191.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00
2.019	191.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00
3.014	191.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00
4.014	191.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00
5.014	191.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00
6.014	191.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00
7.014	191.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00
8.014	191.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00
9.014	191.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00
10.014	191.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00
11.014	191.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00
12.014	191.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00
13.014	191.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00
14.014	191.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00
15.014	191.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00
16.014	191.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00
17.014	191.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00
18.014	191.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00
19.014	191.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00
20.014	191.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00
21.014	191.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00
22.014	191.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00
23.014	191.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00
24.014	191.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00
25.014	191.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00
26.014	191.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00
27.014	191.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00
28.014	191.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00
29.014	191.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00
30.014	191.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00
31.014	191.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00
32.014	191.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00
33.014	191.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00
34.014	191.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00
35.014	191.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00
36.014	191.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00
37.014	191.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	<-----Inflow----->					Link Q (cfs)	Link Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)		
40.014	191.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00	
41.014	191.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00	
42.014	191.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
43.014	191.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
44.014	191.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
45.014	191.00	0.00	0.00	0.01	-0.01	0.00	0.00	0.00	
46.014	191.00	0.41	0.00	0.02	-0.02	0.00	0.00	0.00	
47.003	191.00	0.00	0.00	0.03	-0.03	0.00	0.00	0.00	
48.035	191.00	0.00	0.00	0.04	-0.04	0.00	0.00	0.00	
49.022	191.00	0.41	0.00	0.06	-0.06	0.00	0.00	0.00	
50.017	191.00	0.00	0.00	0.07	-0.07	0.00	0.00	0.00	
51.031	191.00	0.00	0.00	0.10	-0.10	0.00	0.00	0.00	
52.025	191.00	0.00	0.00	0.12	-0.12	0.00	0.00	0.00	
53.030	191.00	0.41	0.00	0.16	-0.16	0.00	0.00	0.00	
54.008	191.00	0.00	0.00	0.20	-0.20	0.00	0.00	0.00	
55.018	191.00	0.00	0.00	0.26	-0.27	0.00	0.00	0.00	
56.061	191.00	0.00	0.00	0.35	-0.37	0.00	0.00	0.00	
57.014	191.00	0.00	0.00	0.51	-0.53	0.00	0.00	0.00	
58.044	191.00	0.00	0.00	0.76	-0.91	0.00	0.00	0.00	
59.002	191.00	0.00	0.00	1.56	-1.81	0.00	0.00	0.00	
60.006	192.36	0.54	0.00	18.19	-2.86	0.00	0.00	0.00	
61.006	193.36	0.68	0.00	3.19	-3.68	0.00	0.00	0.00	
62.006	193.20	0.66	0.00	1.88	-4.02	0.00	0.00	0.00	
63.016	192.95	0.62	0.00	1.36	-3.02	0.00	0.00	0.00	
64.032	192.82	0.60	0.00	1.18	-1.37	0.00	0.00	0.00	
65.025	192.83	0.60	0.00	0.84	-0.56	0.00	0.00	0.00	
66.012	192.88	0.61	0.00	0.84	-0.45	0.00	0.00	0.00	
67.029	192.93	0.62	0.00	0.85	-0.40	0.00	0.00	0.00	
68.046	192.99	0.62	0.00	0.75	-0.36	0.00	0.00	0.00	
69.038	193.03	0.63	0.00	0.57	-0.33	0.00	0.00	0.00	
70.055	193.06	0.64	0.00	0.58	-0.31	0.00	0.00	0.00	
71.009	193.10	0.64	0.00	0.58	-0.30	0.00	0.00	0.00	
72.010	193.13	0.65	0.00	0.48	-0.28	0.00	0.00	0.00	
73.043	193.14	0.65	0.00	0.30	-0.27	0.00	0.00	0.00	
74.076	193.15	0.65	0.00	0.30	-0.25	0.00	0.00	0.00	
75.030	193.16	0.65	0.00	0.30	-0.24	0.00	0.00	0.00	
76.063	193.17	0.65	0.00	0.30	-0.23	0.00	0.00	0.00	
77.017	193.18	0.65	0.00	0.31	-0.23	0.00	0.00	0.00	
78.050	193.19	0.66	0.00	0.31	-0.22	0.00	0.00	0.00	
79.004	193.20	0.66	0.00	0.31	-0.21	0.00	0.00	0.00	
80.037	193.21	0.66	0.00	0.31	-0.21	0.00	0.00	0.00	
81.070	193.22	0.66	0.00	0.31	-0.21	0.00	0.00	0.00	
82.024	193.24	0.66	0.00	0.31	-0.20	0.00	0.00	0.00	
83.057	193.25	0.67	0.00	0.31	-0.20	0.00	0.00	0.00	
84.011	193.26	0.67	0.00	0.31	-0.20	0.00	0.00	0.00	

85.044	193.28	0.67	0.00	0.31	-0.19	0.00	0.00	0.00
86.005	193.29	0.67	0.00	0.31	-0.19	0.00	0.00	0.00

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	<-----Inflow----->				Link Q (cfs)	Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)		
87.005	193.31	0.68	0.00	0.31	-0.19	0.00	0.00	0.00
88.005	193.32	0.68	0.00	0.31	-0.19	0.00	0.00	0.00
89.005	193.34	0.68	0.00	0.31	-0.18	0.00	0.00	0.00
90.005	193.35	0.68	0.00	0.32	-0.18	0.00	0.00	0.00
91.005	193.37	0.69	0.00	0.32	-0.18	0.00	0.00	0.00
92.005	193.39	0.69	0.00	0.32	-0.18	0.00	0.00	0.00
93.055	193.40	0.69	0.00	0.31	-0.18	0.00	0.00	0.00
94.015	193.42	0.69	0.00	0.32	-0.18	0.00	0.00	0.00
95.018	193.44	0.70	0.00	0.31	-0.17	0.00	0.00	0.00
96.031	193.46	0.70	0.00	0.00	0.00	0.00	0.00	0.00
96.064	193.46	0.70	0.00	0.00	0.00	0.00	0.00	0.00

*** Group: BASE Node: 21

0.000	185.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00
1.050	185.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00
2.019	185.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00
3.014	185.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00
4.014	185.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00
5.014	185.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00
6.014	185.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00
7.014	185.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00
8.014	185.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00
9.014	185.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00
10.014	185.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00
11.014	185.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00
12.014	185.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00
13.014	185.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00
14.014	185.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00
15.014	185.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00
16.014	185.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00
17.014	185.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00
18.014	185.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00
19.014	185.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00
20.014	185.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00
21.014	185.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00
22.014	185.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00
23.014	185.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00
24.014	185.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00
25.014	185.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00
26.014	185.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00
27.014	185.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00
28.014	185.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00
29.014	185.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00
30.014	185.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00
31.014	185.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00

32.014	185.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33.014	185.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00



LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	<-----Inflow----->					Link Q (cfs)	Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)		
34.014	185.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00	
35.014	185.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
36.014	185.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
37.014	185.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	
38.014	185.00	0.00	0.00	0.02	-0.02	0.00	0.00	0.00	
39.014	185.00	0.00	0.00	0.05	-0.05	0.00	0.00	0.00	
40.014	185.00	0.00	0.00	0.07	-0.07	0.00	0.00	0.00	
41.014	185.00	0.23	0.00	0.10	-0.10	0.00	0.00	0.00	
42.014	185.00	0.23	0.00	0.12	-0.12	0.00	0.00	0.00	
43.014	185.00	0.23	0.00	0.15	-0.15	0.00	0.00	0.00	
44.014	185.00	0.23	0.00	0.17	-0.17	0.00	0.00	0.00	
45.014	185.00	0.23	0.00	0.19	-0.19	0.00	0.00	0.00	
46.014	185.00	0.23	0.00	0.21	-0.21	0.00	0.00	0.00	
47.003	185.00	0.00	0.00	0.23	-0.24	0.00	0.00	0.00	
48.035	185.00	0.00	0.00	0.28	-0.29	0.00	0.00	0.00	
49.022	185.00	0.23	0.00	0.37	-0.37	0.00	0.00	0.00	
50.017	185.00	0.23	0.00	0.43	-0.44	0.00	0.00	0.00	
51.031	185.00	0.00	0.00	0.52	-0.52	0.00	0.00	0.00	
52.025	185.00	0.00	0.00	0.61	-0.63	0.00	0.00	0.00	
53.030	185.00	0.23	0.00	0.77	-0.76	0.00	0.00	0.00	
54.008	185.00	0.00	0.00	0.90	-0.92	0.00	0.00	0.00	
55.018	185.00	0.00	0.00	1.13	-1.15	0.00	0.00	0.00	
56.061	185.00	0.00	0.00	1.47	-1.52	0.00	0.00	0.00	
57.014	185.04	0.23	0.00	2.04	-1.73	0.00	0.00	0.00	
58.044	185.29	0.24	0.00	2.91	-1.81	0.00	0.00	0.00	
59.002	186.00	0.28	0.00	5.67	-2.04	0.00	0.00	0.00	
60.006	191.37	0.92	0.00	58.90	-3.51	0.00	0.00	0.00	
61.006	193.41	1.48	0.00	9.93	-5.49	0.00	0.00	0.00	
62.006	193.52	1.51	0.00	5.79	-6.23	0.00	0.00	0.00	
63.016	193.45	1.49	0.00	4.17	-6.24	0.00	0.00	0.00	
64.032	193.32	1.46	0.00	3.62	-6.17	0.00	0.00	0.00	
65.025	193.14	1.41	0.00	2.56	-6.06	0.00	0.00	0.00	
66.012	192.94	1.36	0.00	2.57	-5.94	0.00	0.00	0.00	
67.029	192.73	1.31	0.00	2.57	-5.79	0.00	0.00	0.00	
68.046	192.52	1.25	0.00	2.27	-5.64	0.00	0.00	0.00	
69.038	192.28	1.19	0.00	1.74	-5.47	0.00	0.00	0.00	
70.055	192.02	1.12	0.00	1.74	-5.26	0.00	0.00	0.00	
71.009	191.78	1.05	0.00	1.74	-4.71	0.00	0.00	0.00	
72.010	191.59	0.99	0.00	1.46	-3.16	0.00	0.00	0.00	
73.043	191.48	0.95	0.00	0.92	-1.80	0.00	0.00	0.00	
74.076	191.42	0.93	0.00	0.91	-1.39	0.00	0.00	0.00	
75.030	191.38	0.92	0.00	0.91	-1.19	0.00	0.00	0.00	
76.063	191.36	0.92	0.00	0.92	-1.06	0.00	0.00	0.00	
77.017	191.36	0.91	0.00	0.93	-0.97	0.00	0.00	0.00	
78.050	191.36	0.91	0.00	0.93	-0.90	0.00	0.00	0.00	

79.004	191.36	0.92	0.00	0.93	-0.84	0.00	0.00	0.00
80.037	191.37	0.92	0.00	0.93	-0.80	0.00	0.00	0.00

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	!<-----Inflow----->!					Link Q (cfs)	Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)		
81.070	191.38	0.92	0.00	0.92	-0.76	0.00	0.00	0.00	
82.024	191.40	0.93	0.00	0.93	-0.73	0.00	0.00	0.00	
83.057	191.42	0.93	0.00	0.93	-0.70	0.00	0.00	0.00	
84.011	191.44	0.94	0.00	0.93	-0.68	0.00	0.00	0.00	
85.044	191.46	0.95	0.00	0.93	-0.66	0.00	0.00	0.00	
86.005	191.49	0.95	0.00	0.93	-0.64	0.00	0.00	0.00	
87.005	191.51	0.96	0.00	0.93	-0.62	0.00	0.00	0.00	
88.005	191.54	0.97	0.00	0.94	-0.61	0.00	0.00	0.00	
89.005	191.57	0.98	0.00	0.94	-0.59	0.00	0.00	0.00	
90.005	191.60	0.99	0.00	0.94	-0.58	0.00	0.00	0.00	
91.005	191.63	1.00	0.00	0.95	-0.57	0.00	0.00	0.00	
92.005	191.66	1.01	0.00	0.94	-0.56	0.00	0.00	0.00	
93.055	191.69	1.02	0.00	0.94	-0.55	0.00	0.00	0.00	
94.015	191.72	1.03	0.00	0.94	-0.55	0.00	0.00	0.00	
95.018	191.76	1.04	0.00	0.94	-0.53	0.00	0.00	0.00	
96.031	191.80	1.05	0.00	0.00	0.00	0.00	0.00	0.00	
96.064	191.80	1.05	0.00	0.00	0.00	0.00	0.00	0.00	

*** Group: BASE Node: 22

0.000	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
1.050	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
2.019	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
3.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
4.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
5.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
6.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
7.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
8.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
9.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
10.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
11.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
12.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
13.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
14.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
15.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
16.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
17.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
18.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
19.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
20.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
21.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
22.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
23.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
24.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
25.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00

26.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
27.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	'<-----Inflow----->'					Link Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	
28.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
29.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
30.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
31.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
32.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
33.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
34.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
35.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
36.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
37.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
38.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
39.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
40.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
41.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
42.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
43.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
44.014	169.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
45.014	169.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00
46.014	169.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00
47.003	169.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00
48.035	169.00	0.00	0.00	0.01	-0.01	0.00	0.00	0.00
49.022	169.00	0.00	0.00	0.03	-0.03	0.00	0.00	0.00
50.017	169.00	0.00	0.00	0.05	-0.05	0.00	0.00	0.00
51.031	169.00	0.00	0.00	0.08	-0.08	0.00	0.00	0.00
52.025	169.00	0.00	0.00	0.12	-0.12	0.00	0.00	0.00
53.030	169.00	0.00	0.00	0.17	-0.17	0.00	0.00	0.00
54.008	169.00	0.00	0.00	0.22	-0.23	0.00	0.00	0.00
55.018	169.00	0.00	0.00	0.31	-0.32	0.00	0.00	0.00
56.061	169.00	0.00	0.00	0.44	-0.46	0.00	0.00	0.00
57.014	169.00	0.00	0.00	0.65	-0.68	0.00	0.00	0.00
58.044	168.99	0.00	0.00	1.01	-1.18	0.00	0.00	0.00
59.002	169.07	0.27	0.00	2.14	-1.52	0.00	0.00	0.00
60.006	171.90	0.50	0.00	27.07	-2.21	0.00	0.00	0.00
61.006	173.65	0.75	0.00	4.86	-3.62	0.00	0.00	0.00
62.006	173.64	0.75	0.00	2.88	-4.34	0.00	0.00	0.00
63.016	173.43	0.71	0.00	2.09	-4.20	0.00	0.00	0.00
64.032	173.17	0.67	0.00	1.82	-3.97	0.00	0.00	0.00
65.025	172.88	0.62	0.00	1.30	-3.72	0.00	0.00	0.00
66.012	172.57	0.58	0.00	1.30	-3.47	0.00	0.00	0.00
67.029	172.27	0.54	0.00	1.31	-3.22	0.00	0.00	0.00
68.046	171.97	0.50	0.00	1.16	-3.00	0.00	0.00	0.00
69.038	171.63	0.47	0.00	0.89	-3.04	0.00	0.00	0.00
70.055	171.32	0.45	0.00	0.89	-2.10	0.00	0.00	0.00
71.009	171.21	0.44	0.00	0.89	-0.94	0.00	0.00	0.00
72.010	171.21	0.44	0.00	0.75	-0.73	0.00	0.00	0.00

73.043	171.20	0.44	0.00	0.47	-0.61	0.00	0.00	0.00
74.076	171.18	0.43	0.00	0.47	-0.54	0.00	0.00	0.00

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	{<-----Inflow----->}					Link Q (cfs)	Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)		
75.030	171.17	0.43	0.00	0.47	-0.49	0.00	0.00	0.00	
76.063	171.17	0.43	0.00	0.47	-0.46	0.00	0.00	0.00	
77.017	171.17	0.43	0.00	0.48	-0.43	0.00	0.00	0.00	
78.050	171.18	0.44	0.00	0.48	-0.41	0.00	0.00	0.00	
79.004	171.20	0.44	0.00	0.48	-0.40	0.00	0.00	0.00	
80.037	171.21	0.44	0.00	0.48	-0.38	0.00	0.00	0.00	
81.070	171.23	0.44	0.00	0.48	-0.37	0.00	0.00	0.00	
82.024	171.25	0.44	0.00	0.48	-0.36	0.00	0.00	0.00	
83.057	171.28	0.44	0.00	0.48	-0.36	0.00	0.00	0.00	
84.011	171.30	0.45	0.00	0.48	-0.35	0.00	0.00	0.00	
85.044	171.33	0.45	0.00	0.48	-0.35	0.00	0.00	0.00	
86.005	171.35	0.45	0.00	0.48	-0.34	0.00	0.00	0.00	
87.005	171.38	0.45	0.00	0.49	-0.34	0.00	0.00	0.00	
88.005	171.40	0.45	0.00	0.49	-0.33	0.00	0.00	0.00	
89.005	171.43	0.46	0.00	0.49	-0.33	0.00	0.00	0.00	
90.005	171.46	0.46	0.00	0.49	-0.33	0.00	0.00	0.00	
91.005	171.49	0.46	0.00	0.49	-0.33	0.00	0.00	0.00	
92.005	171.52	0.46	0.00	0.49	-0.32	0.00	0.00	0.00	
93.055	171.55	0.47	0.00	0.49	-0.32	0.00	0.00	0.00	
94.015	171.58	0.47	0.00	0.49	-0.32	0.00	0.00	0.00	
95.018	171.61	0.47	0.00	0.49	-0.31	0.00	0.00	0.00	
96.031	171.66	0.48	0.00	0.00	0.00	0.00	0.00	0.00	
96.064	171.66	0.48	0.00	0.00	0.00	0.00	0.00	0.00	

*** Group: BASE Node: 23

0.000	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
1.050	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
2.019	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
3.014	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
4.014	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
5.014	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
6.014	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
7.014	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
8.014	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
9.014	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
10.014	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
11.014	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
12.014	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
13.014	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
14.014	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
15.014	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
16.014	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
17.014	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
18.014	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
19.014	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00

20.014	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
21.014	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	'<-----Inflow----->'					Link Q (cfs)	Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)		
22.014	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	
23.014	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	
24.014	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	
25.014	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	
26.014	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	
27.014	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	
28.014	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	
29.014	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	
30.014	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	
31.014	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	
32.014	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	
33.014	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	
34.014	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	
35.014	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	
36.014	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	
37.014	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	
38.014	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	
39.014	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	
40.014	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	
41.014	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	
42.014	130.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	
43.014	130.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
44.014	130.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
45.014	130.00	0.00	0.00	0.01	-0.02	0.00	0.00	0.00	
46.014	130.00	0.00	0.00	0.05	-0.05	0.00	0.00	0.00	
47.003	130.00	0.00	0.00	0.09	-0.10	0.00	0.00	0.00	
48.035	130.00	0.00	0.00	0.15	-0.16	0.00	0.00	0.00	
49.022	130.04	0.04	0.00	0.25	-0.21	0.00	0.00	0.00	
50.017	130.17	0.04	0.00	0.34	-0.26	0.00	0.00	0.00	
51.031	130.36	0.05	0.00	0.47	-0.33	0.00	0.00	0.00	
52.025	130.58	0.07	0.00	0.60	-0.41	0.00	0.00	0.00	
53.030	130.85	0.08	0.00	0.82	-0.52	0.00	0.00	0.00	
54.008	131.16	0.10	0.00	1.03	-0.63	0.00	0.00	0.00	
55.018	131.53	0.12	0.00	1.38	-0.77	0.00	0.00	0.00	
56.061	132.01	0.15	0.00	1.90	-0.95	0.00	0.00	0.00	
57.014	132.60	0.19	0.00	2.76	-1.16	0.00	0.00	0.00	
58.044	133.44	0.24	0.00	4.18	-1.46	0.00	0.00	0.00	
59.002	134.77	0.32	0.00	8.60	-1.89	0.00	0.00	0.00	
60.006	141.57	1.04	0.00	102.99	-4.67	0.00	0.00	0.00	
61.006	145.03	1.53	0.00	18.20	-8.77	0.00	0.00	0.00	
62.006	145.28	1.57	0.00	10.74	-10.54	0.00	0.00	0.00	
63.016	145.21	1.56	0.00	7.77	-10.62	0.00	0.00	0.00	
64.032	145.03	1.53	0.00	6.77	-10.47	0.00	0.00	0.00	
65.025	144.78	1.49	0.00	4.81	-10.24	0.00	0.00	0.00	
66.012	144.49	1.45	0.00	4.83	-9.98	0.00	0.00	0.00	

67.029	144.20	1.41	0.00	4.85	-9.70	0.00	0.00	0.00
68.046	143.90	1.37	0.00	4.30	-9.42	0.00	0.00	0.00

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar. (ac)	!<-----Inflow----->!					Link Q (cfs)	Link Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)		
69.038	143.56	1.32	0.00	3.30	-9.12	0.00	0.00	0.00	
70.055	143.19	1.27	0.00	3.30	-8.78	0.00	0.00	0.00	
71.009	142.86	1.22	0.00	3.31	-8.46	0.00	0.00	0.00	
72.010	142.50	1.17	0.00	2.78	-8.12	0.00	0.00	0.00	
73.043	142.07	1.11	0.00	1.75	-7.74	0.00	0.00	0.00	
74.076	141.62	1.05	0.00	1.74	-7.31	0.00	0.00	0.00	
75.030	141.20	0.99	0.00	1.74	-6.92	0.00	0.00	0.00	
76.063	140.76	0.93	0.00	1.75	-6.49	0.00	0.00	0.00	
77.017	140.37	0.88	0.00	1.76	-6.11	0.00	0.00	0.00	
78.050	139.95	0.82	0.00	1.77	-5.72	0.00	0.00	0.00	
79.004	139.58	0.78	0.00	1.77	-5.42	0.00	0.00	0.00	
80.037	139.18	0.74	0.00	1.77	-5.15	0.00	0.00	0.00	
81.070	138.80	0.71	0.00	1.77	-4.89	0.00	0.00	0.00	
82.024	138.46	0.67	0.00	1.77	-4.65	0.00	0.00	0.00	
83.057	138.10	0.64	0.00	1.77	-4.40	0.00	0.00	0.00	
84.011	137.78	0.61	0.00	1.78	-4.18	0.00	0.00	0.00	
85.044	137.45	0.57	0.00	1.78	-3.95	0.00	0.00	0.00	
86.005	137.15	0.54	0.00	1.78	-3.75	0.00	0.00	0.00	
87.005	136.86	0.51	0.00	1.79	-3.54	0.00	0.00	0.00	
88.005	136.59	0.49	0.00	1.80	-3.35	0.00	0.00	0.00	
89.005	136.34	0.46	0.00	1.81	-3.17	0.00	0.00	0.00	
90.005	136.11	0.44	0.00	1.81	-3.00	0.00	0.00	0.00	
91.005	135.89	0.42	0.00	1.82	-2.85	0.00	0.00	0.00	
92.005	135.70	0.40	0.00	1.82	-2.71	0.00	0.00	0.00	
93.055	135.52	0.38	0.00	1.81	-2.57	0.00	0.00	0.00	
94.015	135.37	0.37	0.00	1.81	-2.46	0.00	0.00	0.00	
95.018	135.23	0.35	0.00	1.81	-2.32	0.00	0.00	0.00	
96.031	135.31	0.36	0.00	0.00	0.00	0.00	0.00	0.00	
96.064	135.31	0.36	0.00	0.00	0.00	0.00	0.00	0.00	

*** Group: BASE Node: 24

0.000	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00
1.050	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00
2.019	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00
3.014	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00
4.014	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00
5.014	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00
6.014	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00
7.014	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00
8.014	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00
9.014	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00
10.014	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00
11.014	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00
12.014	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00
13.014	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	<-----Inflow----->					Link Q (cfs)	Link Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)		
16.014	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00	
17.014	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00	
18.014	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00	
19.014	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00	
20.014	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00	
21.014	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00	
22.014	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00	
23.014	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00	
24.014	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00	
25.014	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00	
26.014	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00	
27.014	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00	
28.014	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00	
29.014	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00	
30.014	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00	
31.014	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00	
32.014	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00	
33.014	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00	
34.014	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00	
35.014	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00	
36.014	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00	
37.014	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00	
38.014	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00	
39.014	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00	
40.014	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00	
41.014	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00	
42.014	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00	
43.014	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00	
44.014	112.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00	
45.014	112.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
46.014	112.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
47.003	112.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	
48.035	112.00	0.00	0.00	0.06	-0.07	0.00	0.00	0.00	
49.022	112.00	0.00	0.00	0.18	-0.18	0.00	0.00	0.00	
50.017	112.00	0.00	0.00	0.31	-0.32	0.00	0.00	0.00	
51.031	112.00	0.00	0.00	0.49	-0.50	0.00	0.00	0.00	
52.025	112.00	0.00	0.00	0.70	-0.72	0.00	0.00	0.00	
53.030	112.00	0.00	0.00	1.01	-1.01	0.00	0.00	0.00	
54.008	112.00	0.00	0.00	1.32	-1.37	0.00	0.00	0.00	
55.018	112.00	0.00	0.00	1.84	-1.89	0.00	0.00	0.00	
56.061	112.00	0.00	0.00	2.62	-2.78	0.00	0.00	0.00	
57.014	112.00	0.00	0.00	3.92	-4.07	0.00	0.00	0.00	
58.044	111.99	0.00	0.00	6.08	-7.23	0.00	0.00	0.00	
59.002	112.00	1.90	0.00	12.83	-12.03	0.00	0.00	0.00	
60.006	114.76	2.70	0.00	162.49	-17.96	0.00	0.00	0.00	

61.006	116.81	3.41	0.00	29.18	-23.78	0.00	0.00	0.00
62.006	116.76	3.38	0.00	17.29	-26.36	0.00	0.00	0.00

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	; <-----Inflow-----> ;					Link Q (cfs)	Link Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)		
63.016	116.59	3.30	0.00	12.53	-17.49	0.00	0.00	0.00	
64.032	116.58	3.29	0.00	10.93	-6.87	0.00	0.00	0.00	
65.025	116.67	3.34	0.00	7.78	-4.25	0.00	0.00	0.00	
66.012	116.77	3.39	0.00	7.81	-3.45	0.00	0.00	0.00	
67.029	116.88	3.44	0.00	7.85	-3.04	0.00	0.00	0.00	
68.046	116.99	3.50	0.00	6.97	-2.76	0.00	0.00	0.00	
69.038	117.07	3.54	0.00	5.34	-2.55	0.00	0.00	0.00	
70.055	117.14	3.57	0.00	5.35	-2.39	0.00	0.00	0.00	
71.009	117.21	3.61	0.00	5.37	-2.27	0.00	0.00	0.00	
72.010	117.27	3.64	0.00	4.52	-2.15	0.00	0.00	0.00	
73.043	117.31	3.65	0.00	2.84	-2.03	0.00	0.00	0.00	
74.076	117.32	3.66	0.00	2.82	-1.93	0.00	0.00	0.00	
75.030	117.34	3.67	0.00	2.83	-1.86	0.00	0.00	0.00	
76.063	117.37	3.69	0.00	2.85	-1.79	0.00	0.00	0.00	
77.017	117.39	3.70	0.00	2.87	-1.74	0.00	0.00	0.00	
78.050	117.42	3.71	0.00	2.88	-1.69	0.00	0.00	0.00	
79.004	117.44	3.72	0.00	2.88	-1.65	0.00	0.00	0.00	
80.037	117.47	3.74	0.00	2.88	-1.61	0.00	0.00	0.00	
81.070	117.50	3.75	0.00	2.87	-1.58	0.00	0.00	0.00	
82.024	117.53	3.77	0.00	2.88	-1.55	0.00	0.00	0.00	
83.057	117.56	3.78	0.00	2.89	-1.52	0.00	0.00	0.00	
84.011	117.59	3.79	0.00	2.89	-1.50	0.00	0.00	0.00	
85.044	117.62	3.81	0.00	2.90	-1.47	0.00	0.00	0.00	
86.005	117.65	3.83	0.00	2.91	-1.45	0.00	0.00	0.00	
87.005	117.68	3.84	0.00	2.91	-1.43	0.00	0.00	0.00	
88.005	117.71	3.86	0.00	2.93	-1.42	0.00	0.00	0.00	
89.005	117.75	3.87	0.00	2.95	-1.40	0.00	0.00	0.00	
90.005	117.78	3.89	0.00	2.96	-1.39	0.00	0.00	0.00	
91.005	117.81	3.91	0.00	2.96	-1.37	0.00	0.00	0.00	
92.005	117.85	3.92	0.00	2.96	-1.36	0.00	0.00	0.00	
93.055	117.88	3.94	0.00	2.95	-1.35	0.00	0.00	0.00	
94.015	117.91	3.96	0.00	2.96	-1.34	0.00	0.00	0.00	
95.018	117.95	3.97	0.00	2.95	-1.30	0.00	0.00	0.00	
96.031	117.99	3.99	0.00	0.00	0.00	0.00	0.00	0.00	
96.064	117.99	3.99	0.00	0.00	0.00	0.00	0.00	0.00	

*** Group: BASE Node: 2A

0.000	190.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00
1.050	190.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00
2.019	190.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00
3.014	190.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00
4.014	190.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00
5.014	190.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00
6.014	190.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00
7.014	190.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00

8.014	190.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9.014	190.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00



LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	<-----Inflow----->					Link Q (cfs)	Link Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)		
10.014	190.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	
11.014	190.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	
12.014	190.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	
13.014	190.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	
14.014	190.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	
15.014	190.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	
16.014	190.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	
17.014	190.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	
18.014	190.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	
19.014	190.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	
20.014	190.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	
21.014	190.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	
22.014	190.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	
23.014	190.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	
24.014	190.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	
25.014	190.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	
26.014	190.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	
27.014	190.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	
28.014	190.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	
29.014	190.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	
30.014	190.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	
31.014	190.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	
32.014	190.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	
33.014	190.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	
34.014	190.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	
35.014	190.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	
36.014	190.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	
37.014	190.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
38.014	190.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
39.014	190.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
40.014	190.00	0.00	0.00	0.01	-0.01	0.00	0.00	0.00	
41.014	190.00	0.20	0.00	0.02	-0.02	0.00	0.00	0.00	
42.014	190.00	0.20	0.00	0.03	-0.03	0.00	0.00	0.00	
43.014	190.00	0.20	0.00	0.03	-0.03	0.00	0.00	0.00	
44.014	190.00	0.20	0.00	0.04	-0.04	0.00	0.00	0.00	
45.014	190.00	0.20	0.00	0.05	-0.05	0.00	0.00	0.00	
46.014	190.00	0.20	0.00	0.06	-0.06	0.00	0.00	0.00	
47.003	190.00	0.00	0.00	0.06	-0.07	0.00	0.00	0.00	
48.035	190.00	0.00	0.00	0.08	-0.08	0.00	0.00	0.00	
49.022	190.00	0.20	0.00	0.11	-0.11	0.00	0.00	0.00	
50.017	190.00	0.20	0.00	0.13	-0.13	0.00	0.00	0.00	
51.031	190.00	0.00	0.00	0.16	-0.16	0.00	0.00	0.00	
52.025	190.00	0.00	0.00	0.19	-0.19	0.00	0.00	0.00	
53.030	190.00	0.20	0.00	0.24	-0.24	0.00	0.00	0.00	
54:008	190.00	0.00	0.00	0.28	-0.29	0.00	0.00	0.00	

55.018	190.00	0.00	0.00	0.36	-0.37	0.00	0.00	0.00
56.061	190.00	0.00	0.00	0.47	-0.50	0.00	0.00	0.00

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	<-----Inflow----->					Link Q (cfs)	Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)		
57.014	190.00	0.00	0.00	0.66	-0.68	0.00	0.00	0.00	
58.044	189.99	0.00	0.00	0.96	-1.10	0.00	0.00	0.00	
59.002	190.07	0.20	0.00	1.89	-1.39	0.00	0.00	0.00	
60.006	193.24	0.31	0.00	20.31	-1.78	0.00	0.00	0.00	
61.006	195.52	0.40	0.00	3.47	-2.49	0.00	0.00	0.00	
62.006	195.50	0.40	0.00	2.03	-3.23	0.00	0.00	0.00	
63.016	195.24	0.38	0.00	1.46	-2.64	0.00	0.00	0.00	
64.032	195.10	0.38	0.00	1.27	-1.42	0.00	0.00	0.00	
65.025	195.06	0.38	0.00	0.90	-1.11	0.00	0.00	0.00	
66.012	195.04	0.38	0.00	0.90	-0.95	0.00	0.00	0.00	
67.029	195.04	0.38	0.00	0.90	-0.85	0.00	0.00	0.00	
68.046	195.05	0.38	0.00	0.80	-0.78	0.00	0.00	0.00	
69.038	195.04	0.38	0.00	0.61	-0.71	0.00	0.00	0.00	
70.055	195.02	0.38	0.00	0.61	-0.66	0.00	0.00	0.00	
71.009	195.01	0.38	0.00	0.61	-0.63	0.00	0.00	0.00	
72.010	195.00	0.38	0.00	0.52	-0.59	0.00	0.00	0.00	
73.043	194.97	0.37	0.00	0.32	-0.55	0.00	0.00	0.00	
74.076	194.92	0.37	0.00	0.32	-0.51	0.00	0.00	0.00	
75.030	194.88	0.37	0.00	0.32	-0.49	0.00	0.00	0.00	
76.063	194.85	0.37	0.00	0.32	-0.47	0.00	0.00	0.00	
77.017	194.82	0.37	0.00	0.33	-0.45	0.00	0.00	0.00	
78.050	194.79	0.37	0.00	0.33	-0.43	0.00	0.00	0.00	
79.004	194.77	0.37	0.00	0.33	-0.42	0.00	0.00	0.00	
80.037	194.75	0.37	0.00	0.33	-0.41	0.00	0.00	0.00	
81.070	194.73	0.36	0.00	0.33	-0.40	0.00	0.00	0.00	
82.024	194.72	0.36	0.00	0.33	-0.39	0.00	0.00	0.00	
83.057	194.70	0.36	0.00	0.33	-0.38	0.00	0.00	0.00	
84.011	194.69	0.36	0.00	0.33	-0.37	0.00	0.00	0.00	
85.044	194.68	0.36	0.00	0.33	-0.36	0.00	0.00	0.00	
86.005	194.68	0.36	0.00	0.33	-0.36	0.00	0.00	0.00	
87.005	194.67	0.36	0.00	0.33	-0.35	0.00	0.00	0.00	
88.005	194.67	0.36	0.00	0.33	-0.35	0.00	0.00	0.00	
89.005	194.66	0.36	0.00	0.33	-0.34	0.00	0.00	0.00	
90.005	194.66	0.36	0.00	0.33	-0.34	0.00	0.00	0.00	
91.005	194.66	0.36	0.00	0.33	-0.33	0.00	0.00	0.00	
92.005	194.66	0.36	0.00	0.33	-0.33	0.00	0.00	0.00	
93.055	194.66	0.36	0.00	0.33	-0.33	0.00	0.00	0.00	
94.015	194.67	0.36	0.00	0.33	-0.32	0.00	0.00	0.00	
95.018	194.67	0.36	0.00	0.33	-0.31	0.00	0.00	0.00	
96.031	194.70	0.36	0.00	0.00	0.00	0.00	0.00	0.00	
96.064	194.70	0.36	0.00	0.00	0.00	0.00	0.00	0.00	

*** Group: BASE Node: 2B
 0.000 180.00 1.11 0.00 0.00 0.00 0.00 0.00 0.00
 1.050 180.00 1.11 0.00 0.00 0.00 0.00 0.00 0.00

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	<-----Inflow----->					Link Q (cfs)	Link Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)		
4.014	180.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00	
5.014	180.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00	
6.014	180.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00	
7.014	180.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00	
8.014	180.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00	
9.014	180.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00	
10.014	180.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00	
11.014	180.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00	
12.014	180.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00	
13.014	180.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00	
14.014	180.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00	
15.014	180.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00	
16.014	180.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00	
17.014	180.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00	
18.014	180.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00	
19.014	180.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00	
20.014	180.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00	
21.014	180.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00	
22.014	180.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00	
23.014	180.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00	
24.014	180.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00	
25.014	180.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00	
26.014	180.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00	
27.014	180.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00	
28.014	180.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00	
29.014	180.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00	
30.014	180.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00	
31.014	180.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00	
32.014	180.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00	
33.014	180.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00	
34.014	180.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00	
35.014	180.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00	
36.014	180.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00	
37.014	180.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00	
38.014	180.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
39.014	180.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
40.014	180.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
41.014	180.00	0.00	0.00	0.01	-0.02	0.00	0.00	0.00	
42.014	180.00	1.11	0.00	0.03	-0.03	0.00	0.00	0.00	
43.014	180.00	1.11	0.00	0.05	-0.05	0.00	0.00	0.00	
44.014	180.00	1.11	0.00	0.07	-0.07	0.00	0.00	0.00	
45.014	180.00	1.11	0.00	0.08	-0.09	0.00	0.00	0.00	
46.014	180.00	1.11	0.00	0.10	-0.10	0.00	0.00	0.00	
47.003	180.00	0.00	0.00	0.12	-0.12	0.00	0.00	0.00	
48.035	180.00	0.00	0.00	0.15	-0.16	0.00	0.00	0.00	

49.022	180.00	1.11	0.00	0.20	-0.20	0.00	0.00	0.00
50.017	180.00	1.11	0.00	0.25	-0.25	0.00	0.00	0.00

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	{<-----Inflow----->}					Link Q (cfs)	Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)		
51.031	180.00	0.00	0.00	0.31	-0.31	0.00	0.00	0.00	
52.025	180.00	0.00	0.00	0.37	-0.38	0.00	0.00	0.00	
53.030	180.00	1.11	0.00	0.47	-0.47	0.00	0.00	0.00	
54.008	180.00	0.00	0.00	0.56	-0.58	0.00	0.00	0.00	
55.018	180.00	0.00	0.00	0.72	-0.74	0.00	0.00	0.00	
56.061	180.00	0.00	0.00	0.96	-1.01	0.00	0.00	0.00	
57.014	180.00	0.00	0.00	1.35	-1.39	0.00	0.00	0.00	
58.044	180.00	0.00	0.00	1.97	-2.37	0.00	0.00	0.00	
59.002	179.99	0.00	0.00	3.91	-5.21	0.00	0.00	0.00	
60.006	181.19	1.26	0.00	42.87	-8.02	0.00	0.00	0.00	
61.006	182.23	1.38	0.00	7.36	-8.92	0.00	0.00	0.00	
62.006	182.03	1.36	0.00	4.31	-9.27	0.00	0.00	0.00	
63.016	181.69	1.32	0.00	3.11	-9.04	0.00	0.00	0.00	
64.032	181.31	1.27	0.00	2.70	-8.73	0.00	0.00	0.00	
65.025	180.89	1.22	0.00	1.92	-8.38	0.00	0.00	0.00	
66.012	180.48	1.17	0.00	1.92	-7.61	0.00	0.00	0.00	
67.029	180.18	1.13	0.00	1.93	-4.37	0.00	0.00	0.00	
68.046	180.10	1.12	0.00	1.71	-1.66	0.00	0.00	0.00	
69.038	180.10	1.12	0.00	1.31	-1.41	0.00	0.00	0.00	
70.055	180.09	1.12	0.00	1.31	-1.31	0.00	0.00	0.00	
71.009	180.09	1.12	0.00	1.31	-1.26	0.00	0.00	0.00	
72.010	180.10	1.12	0.00	1.10	-1.05	0.00	0.00	0.00	
73.043	180.10	1.12	0.00	0.69	-0.79	0.00	0.00	0.00	
74.076	180.09	1.12	0.00	0.69	-0.69	0.00	0.00	0.00	
75.030	180.09	1.12	0.00	0.69	-0.69	0.00	0.00	0.00	
76.063	180.09	1.12	0.00	0.69	-0.69	0.00	0.00	0.00	
77.017	180.09	1.12	0.00	0.70	-0.70	0.00	0.00	0.00	
78.050	180.09	1.12	0.00	0.70	-0.70	0.00	0.00	0.00	
79.004	180.09	1.12	0.00	0.70	-0.70	0.00	0.00	0.00	
80.037	180.09	1.12	0.00	0.70	-0.70	0.00	0.00	0.00	
81.070	180.09	1.12	0.00	0.70	-0.70	0.00	0.00	0.00	
82.024	180.09	1.12	0.00	0.70	-0.70	0.00	0.00	0.00	
83.057	180.09	1.12	0.00	0.70	-0.70	0.00	0.00	0.00	
84.011	180.09	1.12	0.00	0.70	-0.70	0.00	0.00	0.00	
85.044	180.09	1.12	0.00	0.70	-0.70	0.00	0.00	0.00	
86.005	180.09	1.12	0.00	0.70	-0.70	0.00	0.00	0.00	
87.005	180.09	1.12	0.00	0.70	-0.70	0.00	0.00	0.00	
88.005	180.09	1.12	0.00	0.71	-0.71	0.00	0.00	0.00	
89.005	180.09	1.12	0.00	0.71	-0.71	0.00	0.00	0.00	
90.005	180.09	1.12	0.00	0.71	-0.71	0.00	0.00	0.00	
91.005	180.09	1.12	0.00	0.71	-0.71	0.00	0.00	0.00	
92.005	180.09	1.12	0.00	0.71	-0.71	0.00	0.00	0.00	
93.055	180.09	1.12	0.00	0.71	-0.71	0.00	0.00	0.00	
94.015	180.09	1.12	0.00	0.71	-0.71	0.00	0.00	0.00	
95.018	180.09	1.12	0.00	0.71	-0.64	0.00	0.00	0.00	

96.031	180.11	1.12	0.00	0.00	0.00	0.00	0.00	0.00
96.064	180.11	1.12	0.00	0.00	0.00	0.00	0.00	0.00

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	<-----Inflow----->					Link Q (cfs)	Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)		
*** Group: BASE		Node: 2C							
0.000	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
1.050	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
2.019	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
3.014	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
4.014	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
5.014	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
6.014	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
7.014	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
8.014	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
9.014	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
10.014	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
11.014	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
12.014	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
13.014	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
14.014	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
15.014	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
16.014	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
17.014	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
18.014	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
19.014	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
20.014	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
21.014	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
22.014	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
23.014	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
24.014	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
25.014	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
26.014	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
27.014	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
28.014	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
29.014	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
30.014	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
31.014	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
32.014	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
33.014	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
34.014	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
35.014	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
36.014	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
37.014	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
38.014	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
39.014	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
40.014	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
41.014	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
42.014	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	
43.014	163.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	

44.014	163.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00
45.014	163.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	!<-----Inflow----->!					Link Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	
46.014	163.00	0.61	0.00	0.00	-0.00	0.00	0.00	0.00
47.003	163.00	0.61	0.00	0.01	-0.00	0.00	0.00	0.00
48.035	163.00	0.61	0.00	0.03	-0.00	0.00	0.00	0.00
49.022	163.01	0.61	0.00	0.05	-0.01	0.00	0.00	0.00
50.017	163.02	0.61	0.00	0.08	-0.01	0.00	0.00	0.00
51.031	163.03	0.61	0.00	0.11	-0.02	0.00	0.00	0.00
52.025	163.04	0.61	0.00	0.15	-0.03	0.00	0.00	0.00
53.030	163.06	0.61	0.00	0.21	-0.04	0.00	0.00	0.00
54.008	163.09	0.61	0.00	0.26	-0.05	0.00	0.00	0.00
55.018	163.12	0.62	0.00	0.36	-0.07	0.00	0.00	0.00
56.061	163.17	0.62	0.00	0.50	-0.10	0.00	0.00	0.00
57.014	163.23	0.63	0.00	0.74	-0.13	0.00	0.00	0.00
58.044	163.33	0.63	0.00	1.13	-0.18	0.00	0.00	0.00
59.002	163.52	0.65	0.00	2.36	-0.26	0.00	0.00	0.00
60.006	165.26	0.85	0.00	29.01	-0.86	0.00	0.00	0.00
61.006	166.52	1.21	0.00	5.17	-1.89	0.00	0.00	0.00
62.006	166.65	1.25	0.00	3.05	-2.51	0.00	0.00	0.00
63.016	166.65	1.25	0.00	2.21	-2.64	0.00	0.00	0.00
64.032	166.62	1.24	0.00	1.93	-2.60	0.00	0.00	0.00
65.025	166.56	1.22	0.00	1.37	-2.50	0.00	0.00	0.00
66.012	166.48	1.20	0.00	1.38	-2.39	0.00	0.00	0.00
67.029	166.41	1.18	0.00	1.38	-2.33	0.00	0.00	0.00
68.046	166.34	1.16	0.00	1.23	-2.27	0.00	0.00	0.00
69.038	166.26	1.13	0.00	0.94	-2.21	0.00	0.00	0.00
70.055	166.17	1.10	0.00	0.94	-2.13	0.00	0.00	0.00
71.009	166.08	1.08	0.00	0.94	-2.07	0.00	0.00	0.00
72.010	165.99	1.05	0.00	0.79	-2.00	0.00	0.00	0.00
73.043	165.88	1.02	0.00	0.50	-1.92	0.00	0.00	0.00
74.076	165.77	0.99	0.00	0.50	-1.84	0.00	0.00	0.00
75.030	165.66	0.96	0.00	0.50	-1.76	0.00	0.00	0.00
76.063	165.55	0.93	0.00	0.50	-1.68	0.00	0.00	0.00
77.017	165.45	0.90	0.00	0.50	-1.61	0.00	0.00	0.00
78.050	165.35	0.88	0.00	0.51	-1.54	0.00	0.00	0.00
79.004	165.26	0.85	0.00	0.51	-1.48	0.00	0.00	0.00
80.037	165.17	0.83	0.00	0.51	-1.41	0.00	0.00	0.00
81.070	165.07	0.80	0.00	0.50	-1.35	0.00	0.00	0.00
82.024	164.99	0.78	0.00	0.51	-1.30	0.00	0.00	0.00
83.057	164.91	0.77	0.00	0.51	-1.25	0.00	0.00	0.00
84.011	164.83	0.77	0.00	0.51	-1.20	0.00	0.00	0.00
85.044	164.76	0.76	0.00	0.51	-1.16	0.00	0.00	0.00
86.005	164.69	0.75	0.00	0.51	-1.12	0.00	0.00	0.00
87.005	164.63	0.75	0.00	0.51	-1.08	0.00	0.00	0.00
88.005	164.57	0.74	0.00	0.51	-1.04	0.00	0.00	0.00
89.005	164.51	0.74	0.00	0.52	-1.01	0.00	0.00	0.00
90.005	164.46	0.73	0.00	0.52	-0.98	0.00	0.00	0.00

91.005	164.41	0.73	0.00	0.52	-0.95	0.00	0.00	0.00
92.005	164.36	0.72	0.00	0.52	-0.95	0.00	0.00	0.00

LEGENDS OF CLEMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	!<-----Inflow----->!				Link Q (cfs)	Link Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)		
93.055	164.00	0.69	0.00	0.52	-5.84	0.00	0.00	
94.015	163.29	0.63	0.00	0.52	-6.86	0.00	0.00	
95.018	162.98	0.00	0.00	0.52	-1.80	0.00	0.00	
96.031	163.00	0.61	0.00	0.00	0.00	0.00	0.00	
96.064	163.00	0.61	0.00	0.00	0.00	0.00	0.00	

*** Group: BASE Node: 3

0.000	165.00	0.59	0.00	0.00	0.00	0.00	0.00
1.050	165.00	0.59	0.00	0.00	0.00	0.00	0.00
2.019	165.00	0.59	0.00	0.00	0.00	0.00	0.00
3.014	165.00	0.59	0.00	0.00	0.00	0.00	0.00
4.014	165.00	0.59	0.00	0.00	0.00	0.00	0.00
5.014	165.00	0.59	0.00	0.00	0.00	0.00	0.00
6.014	165.00	0.59	0.00	0.00	0.00	0.00	0.00
7.014	165.00	0.59	0.00	0.00	0.00	0.00	0.00
8.014	165.00	0.59	0.00	0.00	0.00	0.00	0.00
9.014	165.00	0.59	0.00	0.00	0.00	0.00	0.00
10.014	165.00	0.59	0.00	0.00	0.00	0.00	0.00
11.014	165.00	0.59	0.00	0.00	0.00	0.00	0.00
12.014	165.00	0.59	0.00	0.00	0.00	0.00	0.00
13.014	165.00	0.59	0.00	0.00	0.00	0.00	0.00
14.014	165.00	0.59	0.00	0.00	0.00	0.00	0.00
15.014	165.00	0.59	0.00	0.00	0.00	0.00	0.00
16.014	165.00	0.59	0.00	0.00	0.00	0.00	0.00
17.014	165.00	0.59	0.00	0.00	0.00	0.00	0.00
18.014	165.00	0.59	0.00	0.00	0.00	0.00	0.00
19.014	165.00	0.59	0.00	0.00	0.00	0.00	0.00
20.014	165.00	0.59	0.00	0.00	0.00	0.00	0.00
21.014	165.00	0.59	0.00	0.00	0.00	0.00	0.00
22.014	165.00	0.59	0.00	0.00	0.00	0.00	0.00
23.014	165.00	0.59	0.00	0.00	0.00	0.00	0.00
24.014	165.00	0.59	0.00	0.00	0.00	0.00	0.00
25.014	165.00	0.59	0.00	0.00	0.00	0.00	0.00
26.014	165.00	0.59	0.00	0.00	0.00	0.00	0.00
27.014	165.00	0.59	0.00	0.00	0.00	0.00	0.00
28.014	165.00	0.59	0.00	0.00	0.00	0.00	0.00
29.014	165.00	0.59	0.00	0.00	0.00	0.00	0.00
30.014	165.00	0.59	0.00	0.00	0.00	0.00	0.00
31.014	165.00	0.00	0.00	0.00	-0.00	0.00	0.00
32.014	165.00	0.00	0.00	0.00	-0.00	0.00	0.00
33.014	165.00	0.00	0.00	0.01	-0.01	0.00	0.00
34.014	165.00	0.00	0.00	0.04	-0.04	0.00	0.00
35.014	165.00	0.60	0.00	0.07	-0.07	0.00	0.00
36.014	165.00	0.60	0.00	0.10	-0.10	0.00	0.00
37.014	165.00	0.60	0.00	0.13	-0.13	0.00	0.00

38.014	165.00	0.60	0.00	0.15	-0.15	0.00	0.00	0.00
39.014	165.00	0.60	0.00	0.18	-0.18	0.00	0.00	0.00

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	!<-----Inflow----->!					Link Q (cfs)	Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)		
40.014	165.00	0.60	0.00	0.21	-0.21	0.00	0.00	0.00	
41.014	165.00	0.60	0.00	0.24	-0.24	0.00	0.00	0.00	
42.014	165.00	0.60	0.00	0.27	-0.27	0.00	0.00	0.00	
43.014	165.00	0.60	0.00	0.29	-0.29	0.00	0.00	0.00	
44.014	165.00	0.60	0.00	0.31	-0.31	0.00	0.00	0.00	
45.014	165.00	0.60	0.00	0.33	-0.33	0.00	0.00	0.00	
46.014	165.00	0.60	0.00	0.35	-0.35	0.00	0.00	0.00	
47.003	165.00	0.00	0.00	0.37	-0.38	0.00	0.00	0.00	
48.035	165.00	0.00	0.00	0.44	-0.46	0.00	0.00	0.00	
49.022	165.00	0.60	0.00	0.56	-0.55	0.00	0.00	0.00	
50.017	165.00	0.60	0.00	0.64	-0.65	0.00	0.00	0.00	
51.031	165.00	0.60	0.00	0.75	-0.75	0.00	0.00	0.00	
52.025	165.00	0.00	0.00	0.86	-0.88	0.00	0.00	0.00	
53.030	165.00	0.60	0.00	1.05	-1.04	0.00	0.00	0.00	
54.008	165.00	0.00	0.00	1.20	-1.23	0.00	0.00	0.00	
55.018	165.00	0.00	0.00	1.48	-1.50	0.00	0.00	0.00	
56.061	165.00	0.00	0.00	1.88	-1.96	0.00	0.00	0.00	
57.014	165.00	0.00	0.00	2.55	-2.60	0.00	0.00	0.00	
58.044	165.00	0.60	0.00	3.57	-3.46	0.00	0.00	0.00	
59.002	165.19	0.61	0.00	6.78	-3.95	0.00	0.00	0.00	
60.006	168.62	0.95	0.00	65.35	-5.10	0.00	0.00	0.00	
61.006	171.04	1.23	0.00	10.73	-7.14	0.00	0.00	0.00	
62.006	171.10	1.24	0.00	6.21	-8.08	0.00	0.00	0.00	
63.016	170.96	1.22	0.00	4.46	-6.50	0.00	0.00	0.00	
64.032	170.92	1.22	0.00	3.86	-3.18	0.00	0.00	0.00	
65.025	170.99	1.22	0.00	2.73	-1.31	0.00	0.00	0.00	
66.012	171.09	1.24	0.00	2.73	-1.06	0.00	0.00	0.00	
67.029	171.21	1.25	0.00	2.73	-0.94	0.00	0.00	0.00	
68.046	171.32	1.27	0.00	2.41	-0.86	0.00	0.00	0.00	
69.038	171.40	1.28	0.00	1.85	-0.80	0.00	0.00	0.00	
70.055	171.47	1.29	0.00	1.84	-0.75	0.00	0.00	0.00	
71.009	171.54	1.30	0.00	1.84	-0.72	0.00	0.00	0.00	
72.010	171.61	1.30	0.00	1.55	-0.68	0.00	0.00	0.00	
73.043	171.64	1.31	0.00	0.97	-0.64	0.00	0.00	0.00	
74.076	171.67	1.31	0.00	0.97	-0.61	0.00	0.00	0.00	
75.030	171.69	1.31	0.00	0.97	-0.59	0.00	0.00	0.00	
76.063	171.71	1.32	0.00	0.97	-0.57	0.00	0.00	0.00	
77.017	171.74	1.32	0.00	0.98	-0.55	0.00	0.00	0.00	
78.050	171.77	1.32	0.00	0.98	-0.54	0.00	0.00	0.00	
79.004	171.79	1.33	0.00	0.98	-0.53	0.00	0.00	0.00	
80.037	171.82	1.33	0.00	0.98	-0.52	0.00	0.00	0.00	
81.070	171.85	1.34	0.00	0.97	-0.51	0.00	0.00	0.00	
82.024	171.88	1.34	0.00	0.97	-0.50	0.00	0.00	0.00	
83.057	171.91	1.34	0.00	0.98	-0.49	0.00	0.00	0.00	
84.011	171.94	1.35	0.00	0.98	-0.48	0.00	0.00	0.00	

85.044	171.97	1.35	0.00	0.98	-0.48	0.00	0.00	0.00
86.005	172.00	1.35	0.00	0.98	-0.47	0.00	0.00	0.00

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	!<-----Inflow----->!					Link Q (cfs)	Link Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)		
87.005	172.03	1.36	0.00	0.98	-0.47	0.00	0.00	0.00	
88.005	172.06	1.36	0.00	0.98	-0.46	0.00	0.00	0.00	
89.005	172.09	1.37	0.00	0.99	-0.46	0.00	0.00	0.00	
90.005	172.13	1.37	0.00	0.99	-0.45	0.00	0.00	0.00	
91.005	172.16	1.38	0.00	0.99	-0.45	0.00	0.00	0.00	
92.005	172.19	1.38	0.00	0.99	-0.45	0.00	0.00	0.00	
93.055	172.23	1.38	0.00	0.99	-0.44	0.00	0.00	0.00	
94.015	172.26	1.39	0.00	0.99	-0.44	0.00	0.00	0.00	
95.018	172.29	1.39	0.00	0.98	-0.43	0.00	0.00	0.00	
96.031	172.33	1.40	0.00	0.00	0.00	0.00	0.00	0.00	
96.064	172.33	1.40	0.00	0.00	0.00	0.00	0.00	0.00	

*** Group: BASE Node: 4

0.000	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00
1.050	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00
2.019	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00
3.014	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00
4.014	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00
5.014	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00
6.014	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00
7.014	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00
8.014	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00
9.014	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00
10.014	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00
11.014	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00
12.014	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00
13.014	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00
14.014	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00
15.014	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00
16.014	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00
17.014	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00
18.014	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00
19.014	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00
20.014	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00
21.014	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00
22.014	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00
23.014	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00
24.014	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00
25.014	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00
26.014	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00
27.014	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00
28.014	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00
29.014	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00
30.014	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00
31.014	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Inflow					Link Q (cfs)	Link Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)		
34.014	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
35.014	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
36.014	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
37.014	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
38.014	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
39.014	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
40.014	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
41.014	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
42.014	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
43.014	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
44.014	177.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	
45.014	177.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
46.014	177.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
47.003	177.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
48.035	177.00	0.00	0.00	0.01	-0.02	0.00	0.00	0.00	
49.022	177.00	0.00	0.00	0.04	-0.04	0.00	0.00	0.00	
50.017	177.00	0.00	0.00	0.07	-0.07	0.00	0.00	0.00	
51.031	177.00	0.00	0.00	0.10	-0.11	0.00	0.00	0.00	
52.025	177.00	0.00	0.00	0.15	-0.15	0.00	0.00	0.00	
53.030	177.00	0.00	0.00	0.21	-0.22	0.00	0.00	0.00	
54.008	177.00	0.00	0.00	0.28	-0.29	0.00	0.00	0.00	
55.018	177.00	0.00	0.00	0.39	-0.40	0.00	0.00	0.00	
56.061	177.00	0.00	0.00	0.56	-0.59	0.00	0.00	0.00	
57.014	177.00	0.00	0.00	0.84	-0.87	0.00	0.00	0.00	
58.044	177.00	0.00	0.00	1.30	-1.63	0.00	0.00	0.00	
59.002	176.99	0.00	0.00	2.74	-4.47	0.00	0.00	0.00	
60.006	178.32	0.89	0.00	34.68	-7.68	0.00	0.00	0.00	
61.006	179.37	1.02	0.00	6.23	-9.02	0.00	0.00	0.00	
62.006	179.01	0.97	0.00	3.69	-9.42	0.00	0.00	0.00	
63.016	178.49	0.91	0.00	2.68	-8.84	0.00	0.00	0.00	
64.032	177.91	0.84	0.00	2.33	-8.11	0.00	0.00	0.00	
65.025	177.42	0.78	0.00	1.66	-5.39	0.00	0.00	0.00	
66.012	177.19	0.75	0.00	1.67	-2.37	0.00	0.00	0.00	
67.029	177.15	0.75	0.00	1.68	-1.63	0.00	0.00	0.00	
68.046	177.16	0.75	0.00	1.49	-1.45	0.00	0.00	0.00	
69.038	177.16	0.75	0.00	1.14	-1.23	0.00	0.00	0.00	
70.055	177.15	0.75	0.00	1.14	-1.14	0.00	0.00	0.00	
71.009	177.15	0.75	0.00	1.15	-1.10	0.00	0.00	0.00	
72.010	177.16	0.75	0.00	0.96	-0.92	0.00	0.00	0.00	
73.043	177.16	0.75	0.00	0.61	-0.69	0.00	0.00	0.00	
74.076	177.15	0.75	0.00	0.60	-0.60	0.00	0.00	0.00	
75.030	177.15	0.75	0.00	0.60	-0.60	0.00	0.00	0.00	
76.063	177.15	0.75	0.00	0.61	-0.61	0.00	0.00	0.00	
77.017	177.15	0.75	0.00	0.61	-0.61	0.00	0.00	0.00	
78.050	177.15	0.75	0.00	0.61	-0.61	0.00	0.00	0.00	

79.004	177.15	0.75	0.00	0.62	-0.61	0.00	0.00	0.00
80.037	177.15	0.75	0.00	0.61	-0.61	0.00	0.00	0.00

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	'<-----Inflow----->'					Link Q (cfs)	Link Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)		
28.014	199.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	
29.014	199.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	
30.014	199.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	
31.014	199.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	
32.014	199.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	
33.014	199.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	
34.014	199.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	
35.014	199.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	
36.014	199.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	
37.014	199.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	
38.014	199.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	
39.014	199.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	
40.014	199.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	
41.014	199.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	
42.014	199.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	
43.014	199.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	
44.014	199.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	
45.014	199.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	
46.014	199.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	
47.003	199.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	
48.035	199.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	
49.022	199.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	
50.017	199.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	
51.031	199.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	
52.025	199.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	
53.030	199.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	
54.008	199.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
55.018	199.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
56.061	199.00	0.00	0.00	0.01	-0.03	0.00	0.00	0.00	
57.014	199.00	0.00	0.00	0.08	-0.09	0.00	0.00	0.00	
58.044	199.00	0.00	0.00	0.21	-0.41	0.00	0.00	0.00	
59.002	198.99	0.00	0.00	0.62	-3.58	0.00	0.00	0.00	
60.006	199.16	1.01	0.00	12.86	-7.24	0.00	0.00	0.00	
61.006	199.29	1.02	0.00	2.57	-4.89	0.00	0.00	0.00	
62.006	199.19	1.01	0.00	1.56	-1.71	0.00	0.00	0.00	
63.016	199.18	1.01	0.00	1.14	-1.21	0.00	0.00	0.00	
64.032	199.18	1.01	0.00	1.01	-0.97	0.00	0.00	0.00	
65.025	199.18	1.01	0.00	0.72	-0.79	0.00	0.00	0.00	
66.012	199.17	1.01	0.00	0.73	-0.73	0.00	0.00	0.00	
67.029	199.17	1.01	0.00	0.73	-0.71	0.00	0.00	0.00	
68.046	199.18	1.01	0.00	0.65	-0.64	0.00	0.00	0.00	
69.038	199.17	1.01	0.00	0.50	-0.54	0.00	0.00	0.00	
70.055	199.17	1.01	0.00	0.51	-0.50	0.00	0.00	0.00	
71.009	199.17	1.01	0.00	0.51	-0.49	0.00	0.00	0.00	
72.010	199.18	1.01	0.00	0.43	-0.41	0.00	0.00	0.00	

73.043	199.17	1.01	0.00	0.27	-0.31	0.00	0.00	0.00
74.076	199.17	1.01	0.00	0.27	-0.27	0.00	0.00	0.00

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	!<-----Inflow----->!					Link Q (cfs)	Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)		
75.030	199.17	1.01	0.00	0.27	-0.27	0.00	0.00	0.00	
76.063	199.17	1.01	0.00	0.27	-0.27	0.00	0.00	0.00	
77.017	199.17	1.01	0.00	0.27	-0.27	0.00	0.00	0.00	
78.050	199.17	1.01	0.00	0.28	-0.28	0.00	0.00	0.00	
79.004	199.17	1.01	0.00	0.28	-0.28	0.00	0.00	0.00	
80.037	199.17	1.01	0.00	0.28	-0.28	0.00	0.00	0.00	
81.070	199.17	1.01	0.00	0.28	-0.28	0.00	0.00	0.00	
82.024	199.17	1.01	0.00	0.28	-0.28	0.00	0.00	0.00	
83.057	199.17	1.01	0.00	0.28	-0.28	0.00	0.00	0.00	
84.011	199.17	1.01	0.00	0.28	-0.28	0.00	0.00	0.00	
85.044	199.17	1.01	0.00	0.28	-0.28	0.00	0.00	0.00	
86.005	199.17	1.01	0.00	0.28	-0.28	0.00	0.00	0.00	
87.005	199.17	1.01	0.00	0.28	-0.28	0.00	0.00	0.00	
88.005	199.17	1.01	0.00	0.28	-0.28	0.00	0.00	0.00	
89.005	199.17	1.01	0.00	0.29	-0.29	0.00	0.00	0.00	
90.005	199.17	1.01	0.00	0.29	-0.29	0.00	0.00	0.00	
91.005	199.17	1.01	0.00	0.29	-0.29	0.00	0.00	0.00	
92.005	199.17	1.01	0.00	0.29	-0.29	0.00	0.00	0.00	
93.055	199.17	1.01	0.00	0.29	-0.29	0.00	0.00	0.00	
94.015	199.17	1.01	0.00	0.29	-0.29	0.00	0.00	0.00	
95.018	199.17	1.01	0.00	0.29	-0.26	0.00	0.00	0.00	
96.031	199.18	1.01	0.00	0.00	0.00	0.00	0.00	0.00	
96.064	199.18	1.01	0.00	0.00	0.00	0.00	0.00	0.00	

*** Group: BASE Node: 7

0.000	149.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
1.050	149.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
2.019	149.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
3.014	149.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
4.014	149.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
5.014	149.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
6.014	149.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
7.014	149.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
8.014	149.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
9.014	149.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
10.014	149.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
11.014	149.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
12.014	149.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
13.014	149.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
14.014	149.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
15.014	149.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
16.014	149.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
17.014	149.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
18.014	149.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
19.014	149.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	!<-----Inflow----->!					Link Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	
22.014	149.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
23.014	149.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
24.014	149.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
25.014	149.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
26.014	149.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
27.014	149.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
28.014	149.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
29.014	149.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
30.014	149.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
31.014	149.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
32.014	149.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
33.014	149.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
34.014	149.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
35.014	149.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
36.014	149.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
37.014	149.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
38.014	149.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
39.014	149.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
40.014	149.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
41.014	149.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
42.014	149.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
43.014	149.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00
44.014	149.00	0.00	0.00	0.01	-0.02	0.00	0.00	0.00
45.014	149.02	0.06	0.00	0.04	-0.02	0.00	0.00	0.00
46.014	149.03	0.06	0.00	0.07	-0.07	0.00	0.00	0.00
47.003	149.05	0.06	0.00	0.10	-0.07	0.00	0.00	0.00
48.035	149.06	0.06	0.00	0.14	-0.14	0.00	0.00	0.00
49.022	149.10	0.06	0.00	0.21	-0.15	0.00	0.00	0.00
50.017	149.14	0.07	0.00	0.27	-0.27	0.00	0.00	0.00
51.031	149.19	0.07	0.00	0.36	-0.28	0.00	0.00	0.00
52.025	149.22	0.07	0.00	0.45	-0.46	0.00	0.00	0.00
53.030	149.30	0.07	0.00	0.60	-0.47	0.00	0.00	0.00
54.008	149.35	0.08	0.00	0.74	-0.76	0.00	0.00	0.00
55.018	149.45	0.08	0.00	0.98	-0.77	0.00	0.00	0.00
56.061	149.51	0.09	0.00	1.33	-1.36	0.00	0.00	0.00
57.014	149.73	0.10	0.00	1.92	-1.39	0.00	0.00	0.00
58.044	149.71	0.10	0.00	2.87	-3.28	0.00	0.00	0.00
59.002	150.38	0.15	0.00	5.84	-3.34	0.00	0.00	0.00
60.006	154.49	0.51	0.00	68.25	-38.73	0.00	0.00	0.00
61.006	154.69	0.53	0.00	11.97	-38.54	0.00	0.00	0.00
62.006	151.95	0.29	0.00	7.05	-7.82	0.00	0.00	0.00
63.016	151.05	0.21	0.00	5.10	-9.52	0.00	0.00	0.00
64.032	150.31	0.14	0.00	4.44	-3.30	0.00	0.00	0.00
65.025	150.69	0.18	0.00	3.15	-2.79	0.00	0.00	0.00
66.012	150.92	0.20	0.00	3.16	-2.51	0.00	0.00	0.00

67.029	151.21	0.22	0.00	3.18	-2.37	0.00	0.00	0.00
68.046	151.47	0.25	0.00	2.81	-2.20	0.00	0.00	0.00

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	'<-----Inflow----->'					Link Q (cfs)	Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)		
69.038	151.59	0.26	0.00	2.16	-2.02	0.00	0.00	0.00	
70.055	151.65	0.26	0.00	2.16	-1.90	0.00	0.00	0.00	
71.009	151.75	0.27	0.00	2.16	-1.81	0.00	0.00	0.00	
72.010	151.82	0.28	0.00	1.82	-1.68	0.00	0.00	0.00	
73.043	151.78	0.27	0.00	1.14	-1.50	0.00	0.00	0.00	
74.076	151.69	0.26	0.00	1.14	-1.37	0.00	0.00	0.00	
75.030	151.63	0.26	0.00	1.14	-1.30	0.00	0.00	0.00	
76.063	151.59	0.26	0.00	1.14	-1.24	0.00	0.00	0.00	
77.017	151.57	0.25	0.00	1.15	-1.20	0.00	0.00	0.00	
78.050	151.56	0.25	0.00	1.16	-1.17	0.00	0.00	0.00	
79.004	151.56	0.25	0.00	1.16	-1.15	0.00	0.00	0.00	
80.037	151.56	0.25	0.00	1.16	-1.12	0.00	0.00	0.00	
81.070	151.58	0.25	0.00	1.15	-1.10	0.00	0.00	0.00	
82.024	151.59	0.26	0.00	1.16	-1.09	0.00	0.00	0.00	
83.057	151.62	0.26	0.00	1.16	-1.08	0.00	0.00	0.00	
84.011	151.64	0.26	0.00	1.16	-1.07	0.00	0.00	0.00	
85.044	151.68	0.26	0.00	1.16	-1.06	0.00	0.00	0.00	
86.005	151.71	0.27	0.00	1.17	-1.05	0.00	0.00	0.00	
87.005	151.75	0.27	0.00	1.17	-1.05	0.00	0.00	0.00	
88.005	151.78	0.27	0.00	1.17	-1.04	0.00	0.00	0.00	
89.005	151.83	0.28	0.00	1.18	-1.04	0.00	0.00	0.00	
90.005	151.87	0.28	0.00	1.18	-1.03	0.00	0.00	0.00	
91.005	151.91	0.28	0.00	1.19	-1.03	0.00	0.00	0.00	
92.005	151.96	0.29	0.00	1.19	-1.03	0.00	0.00	0.00	
93.055	152.01	0.29	0.00	1.18	-1.02	0.00	0.00	0.00	
94.015	152.05	0.30	0.00	1.18	-1.02	0.00	0.00	0.00	
95.018	152.10	0.30	0.00	1.18	-0.98	0.00	0.00	0.00	
96.031	152.23	0.31	0.00	0.00	0.00	0.00	0.00	0.00	
96.064	152.23	0.31	0.00	0.00	0.00	0.00	0.00	0.00	

*** Group: BASE Node: 8

0.000	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00
1.050	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00
2.019	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00
3.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00
4.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00
5.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00
6.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00
7.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00
8.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00
9.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00
10.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00
11.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00
12.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00
13.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00

14.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00
15.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	!<-----Inflow----->!					Link Q (cfs)	Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)		
16.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	
17.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	
18.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	
19.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	
20.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	
21.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	
22.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	
23.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	
24.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	
25.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	
26.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	
27.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	
28.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	
29.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	
30.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	
31.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	
32.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	
33.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	
34.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	
35.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	
36.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	
37.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	
38.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	
39.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	
40.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	
41.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	
42.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	
43.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	
44.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	
45.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	
46.014	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	
47.003	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	
48.035	235.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	
49.022	235.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
50.017	235.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
51.031	235.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	
52.025	235.00	0.00	0.00	0.02	-0.02	0.00	0.00	0.00	
53.030	235.00	0.00	0.00	0.04	-0.04	0.00	0.00	0.00	
54.008	235.00	0.00	0.00	0.06	-0.06	0.00	0.00	0.00	
55.018	235.00	0.00	0.00	0.09	-0.09	0.00	0.00	0.00	
56.061	235.00	0.00	0.00	0.14	-0.15	0.00	0.00	0.00	
57.014	235.00	0.00	0.00	0.23	-0.24	0.00	0.00	0.00	
58.044	235.00	0.00	0.00	0.37	-0.46	0.00	0.00	0.00	
59.002	235.00	0.00	0.00	0.82	-1.03	0.00	0.00	0.00	
60.006	236.16	0.41	0.00	11.58	-1.76	0.00	0.00	0.00	

61.006	237.05	0.50	0.00	2.14	-2.26	0.00	0.00	0.00
62.006	236.94	0.48	0.00	1.28	-2.45	0.00	0.00	0.00

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	!<-----Inflow----->!					Link Q (cfs)	Link Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)		
63.016	236.71	0.46	0.00	0.93	-2.35	0.00	0.00	0.00	
64.032	236.44	0.43	0.00	0.81	-2.23	0.00	0.00	0.00	
65.025	236.16	0.41	0.00	0.58	-2.09	0.00	0.00	0.00	
66.012	235.86	0.38	0.00	0.58	-1.95	0.00	0.00	0.00	
67.029	235.56	0.35	0.00	0.59	-1.79	0.00	0.00	0.00	
68.046	235.29	0.32	0.00	0.52	-1.43	0.00	0.00	0.00	
69.038	235.12	0.30	0.00	0.40	-0.79	0.00	0.00	0.00	
70.055	235.07	0.30	0.00	0.40	-0.40	0.00	0.00	0.00	
71.009	235.07	0.30	0.00	0.40	-0.39	0.00	0.00	0.00	
72.010	235.08	0.30	0.00	0.34	-0.32	0.00	0.00	0.00	
73.043	235.07	0.30	0.00	0.21	-0.24	0.00	0.00	0.00	
74.076	235.07	0.30	0.00	0.21	-0.21	0.00	0.00	0.00	
75.030	235.07	0.30	0.00	0.21	-0.21	0.00	0.00	0.00	
76.063	235.07	0.30	0.00	0.21	-0.21	0.00	0.00	0.00	
77.017	235.07	0.30	0.00	0.22	-0.21	0.00	0.00	0.00	
78.050	235.07	0.30	0.00	0.22	-0.22	0.00	0.00	0.00	
79.004	235.07	0.30	0.00	0.22	-0.22	0.00	0.00	0.00	
80.037	235.07	0.30	0.00	0.22	-0.21	0.00	0.00	0.00	
81.070	235.08	0.30	0.00	0.22	-0.17	0.00	0.00	0.00	
82.024	235.09	0.30	0.00	0.22	-0.14	0.00	0.00	0.00	
83.057	235.11	0.30	0.00	0.22	-0.15	0.00	0.00	0.00	
84.011	235.13	0.30	0.00	0.22	-0.15	0.00	0.00	0.00	
85.044	235.15	0.31	0.00	0.22	-0.14	0.00	0.00	0.00	
86.005	235.17	0.31	0.00	0.22	-0.14	0.00	0.00	0.00	
87.005	235.19	0.31	0.00	0.22	-0.14	0.00	0.00	0.00	
88.005	235.21	0.31	0.00	0.22	-0.14	0.00	0.00	0.00	
89.005	235.23	0.31	0.00	0.22	-0.14	0.00	0.00	0.00	
90.005	235.25	0.32	0.00	0.22	-0.14	0.00	0.00	0.00	
91.005	235.27	0.32	0.00	0.22	-0.14	0.00	0.00	0.00	
92.005	235.30	0.32	0.00	0.22	-0.14	0.00	0.00	0.00	
93.055	235.32	0.32	0.00	0.22	-0.14	0.00	0.00	0.00	
94.015	235.34	0.33	0.00	0.22	-0.14	0.00	0.00	0.00	
95.018	235.36	0.33	0.00	0.22	-0.13	0.00	0.00	0.00	
96.031	235.39	0.33	0.00	0.00	0.00	0.00	0.00	0.00	
96.064	235.39	0.33	0.00	0.00	0.00	0.00	0.00	0.00	

*** Group: BASE Node: 9

0.000	236.00	1.72	0.00	0.00	0.00	0.00	0.00	0.00
1.050	236.00	1.72	0.00	0.00	0.00	0.00	0.00	0.00
2.019	236.00	1.72	0.00	0.00	0.00	0.00	0.00	0.00
3.014	236.00	1.72	0.00	0.00	0.00	0.00	0.00	0.00
4.014	236.00	1.72	0.00	0.00	0.00	0.00	0.00	0.00
5.014	236.00	1.72	0.00	0.00	0.00	0.00	0.00	0.00
6.014	236.00	1.72	0.00	0.00	0.00	0.00	0.00	0.00
7.014	236.00	1.72	0.00	0.00	0.00	0.00	0.00	0.00

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	!<-----Inflow----->!					Link Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	
10.014	236.00	1.72	0.00	0.00	0.00	0.00	0.00	0.00
11.014	236.00	1.72	0.00	0.00	0.00	0.00	0.00	0.00
12.014	236.00	1.72	0.00	0.00	0.00	0.00	0.00	0.00
13.014	236.00	1.72	0.00	0.00	0.00	0.00	0.00	0.00
14.014	236.00	1.72	0.00	0.00	0.00	0.00	0.00	0.00
15.014	236.00	1.72	0.00	0.00	0.00	0.00	0.00	0.00
16.014	236.00	1.72	0.00	0.00	0.00	0.00	0.00	0.00
17.014	236.00	1.72	0.00	0.00	0.00	0.00	0.00	0.00
18.014	236.00	1.72	0.00	0.00	0.00	0.00	0.00	0.00
19.014	236.00	1.72	0.00	0.00	0.00	0.00	0.00	0.00
20.014	236.00	1.72	0.00	0.00	0.00	0.00	0.00	0.00
21.014	236.00	1.72	0.00	0.00	0.00	0.00	0.00	0.00
22.014	236.00	1.72	0.00	0.00	0.00	0.00	0.00	0.00
23.014	236.00	1.72	0.00	0.00	0.00	0.00	0.00	0.00
24.014	236.00	1.72	0.00	0.00	0.00	0.00	0.00	0.00
25.014	236.00	1.72	0.00	0.00	0.00	0.00	0.00	0.00
26.014	236.00	1.72	0.00	0.00	0.00	0.00	0.00	0.00
27.014	236.00	1.72	0.00	0.00	0.00	0.00	0.00	0.00
28.014	236.00	1.72	0.00	0.00	0.00	0.00	0.00	0.00
29.014	236.00	1.72	0.00	0.00	0.00	0.00	0.00	0.00
30.014	236.00	1.72	0.00	0.00	0.00	0.00	0.00	0.00
31.014	236.00	1.72	0.00	0.00	0.00	0.00	0.00	0.00
32.014	236.00	1.72	0.00	0.00	0.00	0.00	0.00	0.00
33.014	236.00	1.72	0.00	0.00	0.00	0.00	0.00	0.00
34.014	236.00	1.72	0.00	0.00	0.00	0.00	0.00	0.00
35.014	236.00	1.72	0.00	0.00	0.00	0.00	0.00	0.00
36.014	236.00	1.72	0.00	0.01	0.00	0.00	0.00	0.00
37.014	236.00	1.72	0.00	0.02	0.00	0.00	0.00	0.00
38.014	236.00	1.72	0.00	0.03	0.00	0.00	0.00	0.00
39.014	236.00	1.72	0.00	0.04	0.00	0.00	0.00	0.00
40.014	236.01	1.72	0.00	0.05	0.00	0.00	0.00	0.00
41.014	236.01	1.72	0.00	0.06	0.00	0.00	0.00	0.00
42.014	236.01	1.72	0.00	0.07	0.00	0.00	0.00	0.00
43.014	236.02	1.72	0.00	0.08	0.00	0.00	0.00	0.00
44.014	236.02	1.72	0.00	0.08	0.00	0.00	0.00	0.00
45.014	236.02	1.72	0.00	0.09	0.00	0.00	0.00	0.00
46.014	236.03	1.72	0.00	0.10	0.00	0.00	0.00	0.00
47.003	236.03	1.72	0.00	0.10	0.00	0.00	0.00	0.00
48.035	236.04	1.73	0.00	0.13	0.00	0.00	0.00	0.00
49.022	236.05	1.73	0.00	0.16	0.00	0.00	0.00	0.00
50.017	236.05	1.73	0.00	0.18	0.00	0.00	0.00	0.00
51.031	236.06	1.73	0.00	0.22	0.00	0.00	0.00	0.00
52.025	236.07	1.73	0.00	0.25	0.00	0.00	0.00	0.00
53.030	236.09	1.73	0.00	0.31	0.00	0.00	0.00	0.00
54.008	236.10	1.74	0.00	0.36	0.00	0.00	0.00	0.00

55.018	236.12	1.74	0.00	0.44	0.00	0.00	0.00	0.00
56.061	236.15	1.74	0.00	0.57	0.00	0.00	0.00	0.00

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar.(ac)	!<-----Inflow----->!					Link Q (cfs)	Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)		
57.014	236.18	1.75	0.00	0.77	0.00	0.00	0.00	0.00	
58.044	236.22	1.76	0.00	1.09	0.00	0.00	0.00	0.00	
59.002	236.29	1.77	0.00	2.09	0.00	0.00	0.00	0.00	
60.006	236.82	1.86	0.00	20.73	0.00	0.00	0.00	0.00	
61.006	237.34	1.95	0.00	3.44	0.00	0.00	0.00	0.00	
62.006	237.46	1.97	0.00	2.00	0.00	0.00	0.00	0.00	
63.016	237.53	1.98	0.00	1.43	0.00	0.00	0.00	0.00	
64.032	237.59	1.99	0.00	1.24	0.00	0.00	0.00	0.00	
65.025	237.63	2.00	0.00	0.88	0.00	0.00	0.00	0.00	
66.012	237.67	2.00	0.00	0.88	0.00	0.00	0.00	0.00	
67.029	237.70	2.01	0.00	0.88	0.00	0.00	0.00	0.00	
68.046	237.74	2.01	0.00	0.78	0.00	0.00	0.00	0.00	
69.038	237.77	2.02	0.00	0.60	0.00	0.00	0.00	0.00	
70.055	237.79	2.02	0.00	0.60	0.00	0.00	0.00	0.00	
71.009	237.82	2.03	0.00	0.60	0.00	0.00	0.00	0.00	
72.010	237.84	2.03	0.00	0.50	0.00	0.00	0.00	0.00	
73.043	237.85	2.03	0.00	0.31	0.00	0.00	0.00	0.00	
74.076	237.87	2.04	0.00	0.31	0.00	0.00	0.00	0.00	
75.030	237.88	2.04	0.00	0.31	0.00	0.00	0.00	0.00	
76.063	237.89	2.04	0.00	0.31	0.00	0.00	0.00	0.00	
77.017	237.91	2.04	0.00	0.32	0.00	0.00	0.00	0.00	
78.050	237.92	2.04	0.00	0.32	0.00	0.00	0.00	0.00	
79.004	237.93	2.05	0.00	0.32	0.00	0.00	0.00	0.00	
80.037	237.94	2.05	0.00	0.32	0.00	0.00	0.00	0.00	
81.070	237.96	2.05	0.00	0.31	0.00	0.00	0.00	0.00	
82.024	237.97	2.05	0.00	0.32	0.00	0.00	0.00	0.00	
83.057	237.98	2.06	0.00	0.32	0.00	0.00	0.00	0.00	
84.011	237.99	2.06	0.00	0.32	0.00	0.00	0.00	0.00	
85.044	238.01	2.06	0.00	0.32	0.00	0.00	0.00	0.00	
86.005	238.02	2.06	0.00	0.32	0.00	0.00	0.00	0.00	
87.005	238.03	2.06	0.00	0.32	0.00	0.00	0.00	0.00	
88.005	238.04	2.07	0.00	0.32	0.00	0.00	0.00	0.00	
89.005	238.06	2.07	0.00	0.32	0.00	0.00	0.00	0.00	
90.005	238.07	2.07	0.00	0.32	0.00	0.00	0.00	0.00	
91.005	238.08	2.07	0.00	0.32	0.00	0.00	0.00	0.00	
92.005	238.10	2.08	0.00	0.32	0.00	0.00	0.00	0.00	
93.055	238.11	2.08	0.00	0.32	0.00	0.00	0.00	0.00	
94.015	238.12	2.08	0.00	0.32	0.00	0.00	0.00	0.00	
95.018	238.13	2.08	0.00	0.32	0.00	0.00	0.00	0.00	
96.031	238.14	2.08	0.00	0.00	0.00	0.00	0.00	0.00	
96.064	238.14	2.08	0.00	0.00	0.00	0.00	0.00	0.00	

*** Group: BASE Node: 999
 0.000 196.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
 1.050 196.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

LEGENDS OF CLERMONT 25YR96HR STORM EVENT

***** Node Time Series by Node - LEGENDS *****

Time (hrs)	Stage (ft)	Surface Ar. (ac)	<-----Inflow----->					Link Q (cfs)	Outflow (cfs)
			Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)		
51.031	196.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
52.025	196.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
53.030	196.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
54.008	196.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
55.018	196.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
56.061	196.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
57.014	196.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
58.044	196.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
59.002	196.97	0.00	0.00	0.01	0.00	0.00	0.00	0.00	
60.006	197.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	
61.006	197.03	0.00	0.00	0.16	0.00	0.00	0.00	0.00	
62.006	197.06	0.00	0.00	0.17	0.00	0.00	0.00	0.00	
63.016	197.08	0.00	0.00	0.17	0.00	0.00	0.00	0.00	
64.032	197.11	0.00	0.00	0.17	0.00	0.00	0.00	0.00	
65.025	197.14	0.00	0.00	0.17	0.00	0.00	0.00	0.00	
66.012	197.17	0.00	0.00	0.17	0.00	0.00	0.00	0.00	
67.029	197.20	0.00	0.00	0.17	0.00	0.00	0.00	0.00	
68.046	197.22	0.00	0.00	0.16	0.00	0.00	0.00	0.00	
69.038	197.25	0.00	0.00	0.16	0.00	0.00	0.00	0.00	
70.055	197.28	0.00	0.00	0.16	0.00	0.00	0.00	0.00	
71.009	197.31	0.00	0.00	0.15	0.00	0.00	0.00	0.00	
72.010	197.33	0.00	0.00	0.15	0.00	0.00	0.00	0.00	
73.043	197.36	0.00	0.00	0.14	0.00	0.00	0.00	0.00	
74.076	197.39	0.00	0.00	0.14	0.00	0.00	0.00	0.00	
75.030	197.42	0.00	0.00	0.13	0.00	0.00	0.00	0.00	
76.063	197.45	0.00	0.00	0.13	0.00	0.00	0.00	0.00	
77.017	197.47	0.00	0.00	0.13	0.00	0.00	0.00	0.00	
78.050	197.50	0.00	0.00	0.12	0.00	0.00	0.00	0.00	
79.004	197.53	0.00	0.00	0.12	0.00	0.00	0.00	0.00	
80.037	197.56	0.00	0.00	0.11	0.00	0.00	0.00	0.00	
81.070	197.59	0.00	0.00	0.11	0.00	0.00	0.00	0.00	
82.024	197.61	0.00	0.00	0.11	0.00	0.00	0.00	0.00	
83.057	197.64	0.00	0.00	0.10	0.00	0.00	0.00	0.00	
84.011	197.67	0.00	0.00	0.10	0.00	0.00	0.00	0.00	
85.044	197.70	0.00	0.00	0.10	0.00	0.00	0.00	0.00	
86.005	197.72	0.00	0.00	0.10	0.00	0.00	0.00	0.00	
87.005	197.75	0.00	0.00	0.09	0.00	0.00	0.00	0.00	
88.005	197.78	0.00	0.00	0.09	0.00	0.00	0.00	0.00	
89.005	197.81	0.00	0.00	0.09	0.00	0.00	0.00	0.00	
90.005	197.83	0.00	0.00	0.09	0.00	0.00	0.00	0.00	
91.005	197.86	0.00	0.00	0.09	0.00	0.00	0.00	0.00	
92.005	197.89	0.00	0.00	0.08	0.00	0.00	0.00	0.00	
93.055	197.92	0.00	0.00	0.08	0.00	0.00	0.00	0.00	
94.015	197.94	0.00	0.00	0.08	0.00	0.00	0.00	0.00	
95.018	197.97	0.00	0.00	0.08	0.00	0.00	0.00	0.00	

**"PONDS" INFILTRATION ANALYSIS
25 YEAR-96 HOUR STORM**

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis - Inflow Hydrograph

I. Job Information

Job Name: POND1
Engineer: KK
Date: 6/29/98

II. Input Data

Equivalent Pond Length, [L] (ft): 450.00
Equivalent Pond Width, [W] (ft): 85.00

Base Of Aquifer Elevation, [B] (ft above datum): 189.18
Water Table Elevation, [WT] (ft above datum): 189.28
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day) 42.00
Fillable Porosity of Aquifer, [n] (%): 30.00

Is there a ditch parallel to the pond length axis?: No

Is there a ditch parallel to the pond width axis?: No

Include unsaturated vertical infiltration?: Yes
Unsaturated vertical infiltration rate, (ft/day): 21.00
Maximum area for unsaturated infiltration, (sq ft): 35165

Groundwater mound intersects pond bottom?: Yes

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

III. Input Data - Discharge Structures

Weir (or Orifice) #1 is Inactive

Weir (or Orifice) #2 is Inactive

Weir (or Orifice) #3 is Inactive

IV. Input Data - Stage vs Area Data

Stage (ft datum)	Area (ft ²)
200.000	11173.0
201.000	15030.0
202.000	19325.0
203.000	24007.0
204.000	29436.0
205.000	35165.0

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

VIII. Summary - Cumulative Volumes, Peaks Rates, and Peak Stage

Inflow

Peak Inflow Rate, (cfs):	15.94
Time, (hrs):	60.00
Cumulative Inflow Volume, (ft ³):	134436

Stage

Peak Stage, (ft datum):	202.47
Time, (hrs):	61.00

Overflow Discharge

Peak Discharge Rate, (cfs):	0.00
Time, (hrs):	0.00
Cumulative weir discharge volume, (ft ³):	0

Infiltration Rate

Peak Infiltration Rate, (cfs):	4.9360
Time, (hrs):	62.00
Cumulative Infiltration Volume, (ft ³):	134436

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis - Inflow Hydrograph

I. Job Information

Job Name: POND2A
Engineer: KK
Date: 6/22/98

II. Input Data

Equivalent Pond Length, [L] (ft): 400.00
Equivalent Pond Width, [W] (ft): 60.00

Base Of Aquifer Elevation, [B] (ft above datum): 186.00
Water Table Elevation, [WT] (ft above datum): 186.10
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day) 28.00
Fillable Porosity of Aquifer, [n] (%): 30.00

Is there a ditch parallel to the pond length axis?: No

Is there a ditch parallel to the pond width axis?: No

Include unsaturated vertical infiltration?: Yes
Unsaturated vertical infiltration rate, (ft/day): 14.00
Maximum area for unsaturated infiltration, (sq ft): 21703

Groundwater mound intersects pond bottom?: Yes

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeran, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

III. Input Data - Discharge Structures

Weir (or Orifice) #1 is Inactive

Weir (or Orifice) #2 is Inactive

Weir (or Orifice) #3 is Inactive

IV. Input Data - Stage vs Area Data

Stage (ft datum)	Area (ft ²)
190.000	8544.0
191.000	9991.0
192.000	11494.0
193.000	13054.0
194.000	14671.0
195.000	16344.0
196.000	18074.0
197.000	19860.0
198.000	21703.0

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

VIII. Summary - Cumulative Volumes, Peaks Rates, and Peak Stage

Inflow

Peak Inflow Rate, (cfs): 20.41
Time, (hrs): 60.00

Cumulative Inflow Volume, (ft³): 172484

Stage

Peak Stage, (ft datum): 195.51
Time, (hrs): 61.00

Overflow Discharge

Peak Discharge Rate, (cfs): 0.00
Time, (hrs): 0.00

Cumulative weir discharge volume, (ft³): 0

Infiltration Rate

Peak Infiltration Rate, (cfs): 3.2333
Time, (hrs): 62.00

Cumulative Infiltration Volume, (ft³): 117016

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis - Inflow Hydrograph

I. Job Information

Job Name: POND2B
Engineer: KK
Date: 6/29/98

II. Input Data

Equivalent Pond Length, [L] (ft): 830.00
Equivalent Pond Width, [W] (ft): 80.00

Base Of Aquifer Elevation, [B] (ft above datum): 159.00
Water Table Elevation, [WT] (ft above datum): 159.10
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day) 27.00
Fillable Porosity of Aquifer, [n] (%): 30.00

Is there a ditch parallel to the pond length axis?: No

Is there a ditch parallel to the pond width axis?: No

Include unsaturated vertical infiltration?: Yes
Unsaturated vertical infiltration rate, (ft/day): 13.50
Maximum area for unsaturated infiltration, (sq ft): 75398

Groundwater mound intersects pond bottom?: Yes

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Parner, Barley & Associates, Inc.

III. Input Data - Discharge Structures

Weir (or Orifice) #1 is Inactive

Weir (or Orifice) #2 is Inactive

Weir (or Orifice) #3 is Inactive

IV. Input Data - Stage vs Area Data

Stage (ft datum)	Area (ft ²)
180.000	48345.0
181.000	53643.0
182.000	58997.0
183.000	64408.0
184.000	69875.0
185.000	75398.0

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

VIII. Summary - Cumulative Volumes, Peaks Rates, and Peak Stage

Inflow

Peak Inflow Rate, (cfs):	43.08
Time, (hrs):	60.00
Cumulative Inflow Volume, (ft ³):	363741

Stage

Peak Stage, (ft datum):	182.17
Time, (hrs):	61.00

Overflow Discharge

Peak Discharge Rate, (cfs):	0.00
Time, (hrs):	0.00
Cumulative weir discharge volume, (ft ³):	0

Infiltration Rate

Peak Infiltration Rate, (cfs):	9.2742
Time, (hrs):	62.00
Cumulative Infiltration Volume, (ft ³):	363741

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis - Inflow Hydrograph

I. Job Information

Job Name: POND2C
Engineer: KK
Date: 6/29/98

II. Input Data

Equivalent Pond Length, [L] (ft): 580.00
Equivalent Pond Width, [W] (ft): 220.00

Base Of Aquifer Elevation, [B] (ft above datum): 150.00
Water Table Elevation, [WT] (ft above datum): 150.10
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day) 29.00
Fillable Porosity of Aquifer, [n] (%): 30.00

Is there a ditch parallel to the pond length axis?: No

Is there a ditch parallel to the pond width axis?: No

Include unsaturated vertical infiltration?: Yes
Unsaturated vertical infiltration rate, (ft/day): 14.50
Maximum area for unsaturated infiltration, (sq ft): 53126

Groundwater mound intersects pond bottom?: Yes

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

III. Input Data - Discharge Structures

Weir (or Orifice) #1 is Inactive

Weir (or Orifice) #2 is Inactive

Weir (or Orifice) #3 is Inactive

IV. Input Data - Stage vs Area Data

Stage (ft datum)	Area (ft ²)
163.000	59806.0
164.000	66928.0
165.000	74127.0
166.000	92834.0
167.000	112932.0

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

VIII. Summary - Cumulative Volumes, Peaks Rates, and Peak Stage

Inflow

Peak Inflow Rate, (cfs):	30.17
Time, (hrs):	60.00
Cumulative Inflow Volume, (ft ³):	254366

Stage

Peak Stage, (ft datum):	165.08
Time, (hrs):	63.00

Overflow Discharge

Peak Discharge Rate, (cfs):	0.00
Time, (hrs):	0.00
Cumulative weir discharge volume, (ft ³):	0

Infiltration Rate

Peak Infiltration Rate, (cfs):	6.9325
Time, (hrs):	94.00
Cumulative Infiltration Volume, (ft ³):	254368

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis - Inflow Hydrograph

I. Job Information

Job Name: POND3
Engineer: KK
Date: 6/29/98

II. Input Data

Equivalent Pond Length, [L] (ft): 330.00
Equivalent Pond Width, [W] (ft): 120.00

Base Of Aquifer Elevation, [B] (ft above datum): 154.30
Water Table Elevation, [WT] (ft above datum): 154.40
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day) 26.00
Fillable Porosity of Aquifer, [n] (%): 30.00

Is there a ditch parallel to the pond length axis?: No

Is there a ditch parallel to the pond width axis?: No

Include unsaturated vertical infiltration?: Yes
Unsaturated vertical infiltration rate, (ft/day): 13.00
Maximum area for unsaturated infiltration, (sq ft): 86562

Groundwater mound intersects pond bottom?: Yes

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

III. Input Data - Discharge Structures

Weir (or Orifice) #1 is Inactive

Weir (or Orifice) #2 is Inactive

Weir (or Orifice) #3 is Inactive

IV. Input Data - Stage vs Area Data

Stage (ft datum)	Area (ft ²)
165.000	25902.0
166.000	29827.0
167.000	33926.0
168.000	38307.0
169.000	42990.0
170.000	47981.0
171.000	53382.0
172.000	58983.0
173.000	64842.0
174.000	79437.0
175.000	86562.0

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeran, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

VIII. Summary - Cumulative Volumes, Peaks Rates, and Peak Stage

Inflow

Peak Inflow Rate, (cfs):	65.67
Time, (hrs):	60.00
Cumulative Inflow Volume, (ft ³):	561960

Stage

Peak Stage, (ft datum):	171.08
Time, (hrs):	62.00

Overflow Discharge

Peak Discharge Rate, (cfs):	0.00
Time, (hrs):	0.00
Cumulative weir discharge volume, (ft ³):	0

Infiltration Rate

Peak Infiltration Rate, (cfs):	8.0853
Time, (hrs):	62.00
Cumulative Infiltration Volume, (ft ³):	491994

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeran, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis - Inflow Hydrograph

I. Job Information

Job Name: POND4
Engineer: KK
Date: 7/20/98

II. Input Data

Equivalent Pond Length, [L] (ft): 400.00
Equivalent Pond Width, [W] (ft): 200.00

Base Of Aquifer Elevation, [B] (ft above datum): 166.78
Water Table Elevation, [WT] (ft above datum): 166.88
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day) 38.00
Fillable Porosity of Aquifer, [n] (%): 30.00

Is there a ditch parallel to the pond length axis?: No

Is there a ditch parallel to the pond width axis?: No

Include unsaturated vertical infiltration?: Yes
Unsaturated vertical infiltration rate, (ft/day): 19.00
Maximum area for unsaturated infiltration, (sq ft): 71144

Groundwater mound intersects pond bottom?: Yes

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

III. Input Data - Discharge Structures

Weir (or Orifice) #1 is Inactive

Weir (or Orifice) #2 is Inactive

Weir (or Orifice) #3 is Inactive

IV. Input Data - Stage vs Area Data

Stage (ft datum)	Area (ft ²)
177.000	31738.0
178.000	36864.0
179.000	42308.0
180.000	48005.0
181.000	53614.0
182.000	59360.0
183.000	70317.0
184.000	88888.0
185.000	117772.0

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

VIII. Summary - Cumulative Volumes, Peaks Rates, and Peak Stage

Inflow

Peak Inflow Rate, (cfs):	34.85
Time, (hrs):	60.00
Cumulative Inflow Volume, (ft ³):	294210

Stage

Peak Stage, (ft datum):	179.29
Time, (hrs):	61.00

Overflow Discharge

Peak Discharge Rate, (cfs):	0.00
Time, (hrs):	0.00
Cumulative weir discharge volume, (ft ³):	0

Infiltration Rate

Peak Infiltration Rate, (cfs):	9.4196
Time, (hrs):	62.00
Cumulative Infiltration Volume, (ft ³):	294210

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis - Inflow Hydrograph

I. Job Information

Job Name: POND6
Engineer: KK
Date: 7/20/98

II. Input Data

Equivalent Pond Length, [L] (ft): 420.00
Equivalent Pond Width, [W] (ft): 200.00

Base Of Aquifer Elevation, [B] (ft above datum): 169.51
Water Table Elevation, [WT] (ft above datum): 169.61
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day) 43.00
Fillable Porosity of Aquifer, [n] (%): 30.00

Is there a ditch parallel to the pond length axis?: No

Is there a ditch parallel to the pond width axis?: No

Include unsaturated vertical infiltration?: Yes
Unsaturated vertical infiltration rate, (ft/day): 20.00
Maximum area for unsaturated infiltration, (sq ft): 51685

Groundwater mound intersects pond bottom?: Yes

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

III. Input Data - Discharge Structures

Weir (or Orifice) #1 is Inactive

Weir (or Orifice) #2 is Inactive

Weir (or Orifice) #3 is Inactive

IV. Input Data - Stage vs Area Data

Stage (ft datum)	Area (ft ²)
199.000	43522.0
200.000	46914.0
201.000	50362.0
202.000	53868.0
203.000	57429.0
204.000	61047.0

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

VIII. Summary - Cumulative Volumes, Peaks Rates, and Peak Stage

Inflow

Peak Inflow Rate, (cfs):	12.92
Time, (hrs):	60.00
Cumulative Inflow Volume, (ft ³):	113080

Stage

Peak Stage, (ft datum):	176.90
Time, (hrs):	96.00

Overflow Discharge

Peak Discharge Rate, (cfs):	0.00
Time, (hrs):	0.00
Cumulative weir discharge volume, (ft ³):	0

Infiltration Rate

Peak Infiltration Rate, (cfs):	7.2553
Time, (hrs):	60.00
Cumulative Infiltration Volume, (ft ³):	113080

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis - Inflow Hydrograph

I. Job Information

Job Name: POND7
Engineer: KK
Date: 7/20/98

II. Input Data

Equivalent Pond Length, [L] (ft): 600.00
Equivalent Pond Width, [W] (ft): 360.00

Base Of Aquifer Elevation, [B] (ft above datum): 141.00
Water Table Elevation, [WT] (ft above datum): 141.10
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day) 25.00
Fillable Porosity of Aquifer, [n] (%): 30.00

Is there a ditch parallel to the pond length axis?: No

Is there a ditch parallel to the pond width axis?: No

Include unsaturated vertical infiltration?: Yes
Unsaturated vertical infiltration rate, (ft/day): 82379.00
Maximum area for unsaturated infiltration, (sq ft): 13

Groundwater mound intersects pond bottom?: Yes

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

III. Input Data - Discharge Structures

Weir (or Orifice) #1 is Inactive

Weir (or Orifice) #2 is Inactive

Weir (or Orifice) #3 is Inactive

IV. Input Data - Stage vs Area Data

Stage (ft datum)	Area (ft ²)
149.000	2470.0
150.000	4992.0
155.000	24257.0
160.000	46329.0
165.000	73571.0
170.000	155713.0

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

VIII. Summary - Cumulative Volumes, Peaks Rates, and Peak Stage

Inflow

Peak Inflow Rate, (cfs):	68.59
Time, (hrs):	60.00
Cumulative Inflow Volume, (ft ³):	578292

Stage

Peak Stage, (ft datum):	156.99
Time, (hrs):	60.00

Overflow Discharge

Peak Discharge Rate, (cfs):	0.00
Time, (hrs):	0.00
Cumulative weir discharge volume, (ft ³):	0

Infiltration Rate

Peak Infiltration Rate, (cfs):	38.7256
Time, (hrs):	60.00
Cumulative Infiltration Volume, (ft ³):	556190

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis - Inflow Hydrograph

I. Job Information

Job Name: PONDS
Engineer: KK
Date: 7/20/98

II. Input Data

Equivalent Pond Length, [L] (ft): 600.00
Equivalent Pond Width, [W] (ft): 200.00

Base Of Aquifer Elevation, [B] (ft above datum): 232.00
Water Table Elevation, [WT] (ft above datum): 232.10
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day) 19.00
Fillable Porosity of Aquifer, [n] (%): 30.00

Is there a ditch parallel to the pond length axis?: No

Is there a ditch parallel to the pond width axis?: No

Include unsaturated vertical infiltration?: Yes
Unsaturated vertical infiltration rate, (ft/day): 10.00
Maximum area for unsaturated infiltration, (sq ft): 51038

Groundwater mound intersects pond bottom?: Yes

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

III. Input Data - Discharge Structures

Weir (or Orifice) #1 is Inactive

Weir (or Orifice) #2 is Inactive

Weir (or Orifice) #3 is Inactive

IV. Input Data - Stage vs Area Data

Stage (ft datum)	Area (ft ²)
235.000	12733.0
236.000	17045.0
237.000	21240.0
238.000	30362.0
239.000	51919.0
240.000	106391.0

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

VIII. Summary - Cumulative Volumes, Peaks Rates, and Peak Stage

Inflow

Peak Inflow Rate, (cfs):	11.64
Time, (hrs):	60.00
Cumulative Inflow Volume, (ft ³):	98770

Stage

Peak Stage, (ft datum):	237.03
Time, (hrs):	61.00

Overflow Discharge

Peak Discharge Rate, (cfs):	0.00
Time, (hrs):	0.00
Cumulative weir discharge volume, (ft ³):	0

Infiltration Rate

Peak Infiltration Rate, (cfs):	2.4461
Time, (hrs):	62.00
Cumulative Infiltration Volume, (ft ³):	94603

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis - Inflow Hydrograph

I. Job Information

Job Name: POND10
Engineer: KK
Date: 7/20/98

II. Input Data

Equivalent Pond Length, [L] (ft): 400.00
Equivalent Pond Width, [W] (ft): 240.00

Base Of Aquifer Elevation, [B] (ft above datum): 200.25
Water Table Elevation, [WT] (ft above datum): 200.35
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day) 40.00
Fillable Porosity of Aquifer, [n] (%): 30.00

Is there a ditch parallel to the pond length axis?: No

Is there a ditch parallel to the pond width axis?: No

Include unsaturated vertical infiltration?: Yes
Unsaturated vertical infiltration rate, (ft/day): 20.00
Maximum area for unsaturated infiltration, (sq ft): 68074

Groundwater mound intersects pond bottom?: Yes

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeran, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

III. Input Data - Discharge Structures

Weir (or Orifice) #1 is Inactive

Weir (or Orifice) #2 is Inactive

Weir (or Orifice) #3 is Inactive

IV. Input Data - Stage vs Area Data

Stage (ft datum)	Area (ft ²)
210.000	4032.0
211.000	7773.0
212.000	16102.0
213.000	30736.0
214.000	47421.0
215.000	55253.0
216.000	61490.0
217.000	67885.0
218.000	75221.0
219.000	84246.0

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

VIII. Summary - Cumulative Volumes, Peaks Rates, and Peak Stage

Inflow

Peak Inflow Rate, (cfs):	30.38
Time, (hrs):	60.00
Cumulative Inflow Volume, (ft ³):	256356

Stage

Peak Stage, (ft datum):	214.19
Time, (hrs):	61.00

Overflow Discharge

Peak Discharge Rate, (cfs):	0.00
Time, (hrs):	0.00
Cumulative weir discharge volume, (ft ³):	0

Infiltration Rate

Peak Infiltration Rate, (cfs):	10.4336
Time, (hrs):	62.00
Cumulative Infiltration Volume, (ft ³):	256357

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis - Inflow Hydrograph

I. Job Information

Job Name: POND11
Engineer: KK
Date: 6/29/98

II. Input Data

Equivalent Pond Length, [L] (ft): 370.00
Equivalent Pond Width, [W] (ft): 70.00

Base Of Aquifer Elevation, [B] (ft above datum): 197.80
Water Table Elevation, [WT] (ft above datum): 197.90
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day) 26.00
Fillable Porosity of Aquifer, [n] (%): 30.00

Is there a ditch parallel to the pond length axis?: No

Is there a ditch parallel to the pond width axis?: No

Include unsaturated vertical infiltration?: Yes
Unsaturated vertical infiltration rate, (ft/day): 13.00
Maximum area for unsaturated infiltration, (sq ft): 36816

Groundwater mound intersects pond bottom?: Yes

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

III. Input Data - Discharge Structures

Weir (or Orifice) #1 is Inactive

Weir (or Orifice) #2 is Inactive

Weir (or Orifice) #3 is Inactive

IV. Input Data - Stage vs Area Data

Stage (ft datum)	Area (ft ²)
211.000	18190.0
212.000	20681.0
213.000	23229.0
214.000	25833.0
215.000	28494.0
216.000	31212.0
217.000	33986.0
218.000	36816.0

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

VIII. Summary - Cumulative Volumes, Peaks Rates, and Peak Stage

Inflow

Peak Inflow Rate, (cfs):	24.96
Time, (hrs):	60.00
Cumulative Inflow Volume, (ft ³):	210515

Stage

Peak Stage, (ft datum):	214.50
Time, (hrs):	61.00

Overflow Discharge

Peak Discharge Rate, (cfs):	0.00
Time, (hrs):	0.00
Cumulative weir discharge volume, (ft ³):	0

Infiltration Rate

Peak Infiltration Rate, (cfs):	4.0706
Time, (hrs):	62.00
Cumulative Infiltration Volume, (ft ³):	210515

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis - Inflow Hydrograph

I. Job Information

Job Name: POND12
Engineer: KK
Date: 6/29

II. Input Data

Equivalent Pond Length, [L] (ft): 170.00
Equivalent Pond Width, [W] (ft): 50.00

Base Of Aquifer Elevation, [B] (ft above datum): 197.70
Water Table Elevation, [WT] (ft above datum): 197.80
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day) 44.00
Fillable Porosity of Aquifer, [n] (%): 30.00

Is there a ditch parallel to the pond length axis?: No

Is there a ditch parallel to the pond width axis?: No

Include unsaturated vertical infiltration?: Yes
Unsaturated vertical infiltration rate, (ft/day): 22.00
Maximum area for unsaturated infiltration, (sq ft): 24475

Groundwater mound intersects pond bottom?: Yes

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

VIII. Summary - Cumulative Volumes, Peaks Rates, and Peak Stage

Inflow

Peak Inflow Rate, (cfs):	32.14
Time, (hrs):	60.00
Cumulative Inflow Volume, (ft ³):	271208

Stage

Peak Stage, (ft datum):	215.21
Time, (hrs):	61.00

Overflow Discharge

Peak Discharge Rate, (cfs):	0.00
Time, (hrs):	0.00
Cumulative weir discharge volume, (ft ³):	0

Infiltration Rate

Peak Infiltration Rate, (cfs):	7.0660
Time, (hrs):	63.00
Cumulative Infiltration Volume, (ft ³):	205658

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

III. Input Data - Discharge Structures

Weir (or Orifice) #1 is Inactive

Weir (or Orifice) #2 is Inactive

Weir (or Orifice) #3 is Inactive

IV. Input Data - Stage vs Area Data

Stage (ft datum)	Area (ft ²)
205.000	3877.0
206.000	5013.0
207.000	6244.0
208.000	7558.0
209.000	8962.0
210.000	10421.0
211.000	12127.0
212.000	13925.0
213.000	16505.0
214.000	19138.0
215.000	21778.0
216.000	24475.0

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Parner, Barley & Associates, Inc.

Retention Pond Recovery Analysis - Inflow Hydrograph

I. Job Information

Job Name: POND14
Engineer: KK
Date: 7/20/98

II. Input Data

Equivalent Pond Length, [L] (ft): 200.00
Equivalent Pond Width, [W] (ft): 100.00

Base Of Aquifer Elevation, [B] (ft above datum): 225.35
Water Table Elevation, [WT] (ft above datum): 225.45
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day) 15.00
Fillable Porosity of Aquifer, [n] (%): 30.00

Is there a ditch parallel to the pond length axis?: No

Is there a ditch parallel to the pond width axis?: No

Include unsaturated vertical infiltration?: Yes
Unsaturated vertical infiltration rate, (ft/day): 8.00
Maximum area for unsaturated infiltration, (sq ft): 19390

Groundwater mound intersects pond bottom?: Yes

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

III. Input Data - Discharge Structures

Weir (or Orifice) #1 is Inactive

Weir (or Orifice) #2 is Inactive

Weir (or Orifice) #3 is Inactive

IV. Input Data - Stage vs Area Data

Stage (ft datum)	Area (ft ²)
230.000	7999.0
231.000	9374.0
232.000	10806.0
233.000	12294.0
234.000	13839.0
235.000	15441.0
236.000	17099.0
237.000	18813.0
238.000	20585.0

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

VIII. Summary - Cumulative Volumes, Peaks Rates, and Peak Stage

Inflow

Peak Inflow Rate, (cfs):	10.80
Time, (hrs):	60.00
Cumulative Inflow Volume, (ft ³):	91352

Stage

Peak Stage, (ft datum):	233.64
Time, (hrs):	62.00

Overflow Discharge

Peak Discharge Rate, (cfs):	0.00
Time, (hrs):	0.00
Cumulative weir discharge volume, (ft ³):	0

Infiltration Rate

Peak Infiltration Rate, (cfs):	1.3758
Time, (hrs):	66.00
Cumulative Infiltration Volume, (ft ³):	64960

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis - Inflow Hydrograph

I. Job Information

Job Name: POND15
Engineer: KK
Date: 6/29/98

II. Input Data

Equivalent Pond Length, [L] (ft): 460.00
Equivalent Pond Width, [W] (ft): 70.00

Base Of Aquifer Elevation, [B] (ft above datum): 187.50
Water Table Elevation, [WT] (ft above datum): 187.60
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day) 32.00
Fillable Porosity of Aquifer, [n] (%): 30.00

Is there a ditch parallel to the pond length axis?: No

Is there a ditch parallel to the pond width axis?: No

Include unsaturated vertical infiltration?: Yes
Unsaturated vertical infiltration rate, (ft/day): 16.00
Maximum area for unsaturated infiltration, (sq ft): 61245

Groundwater mound intersects pond bottom?: Yes

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

III. Input Data - Discharge Structures

Weir (or Orifice) #1 is Inactive

Weir (or Orifice) #2 is Inactive

Weir (or Orifice) #3 is Inactive

IV. Input Data - Stage vs Area Data

Stage (ft datum)	Area (ft ²)
194.000	15942.0
195.000	19950.0
196.000	26789.0
197.000	32495.0
198.000	38594.0
199.000	46652.0
200.000	53840.0
201.000	61245.0

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

VIII. Summary - Cumulative Volumes, Peaks Rates, and Peak Stage

Inflow

Peak Inflow Rate, (cfs):	34.39
Time, (hrs):	60.00
Cumulative Inflow Volume, (ft ³):	289952

Stage

Peak Stage, (ft datum):	198.07
Time, (hrs):	61.00

Overflow Discharge

Peak Discharge Rate, (cfs):	0.00
Time, (hrs):	0.00
Cumulative weir discharge volume, (ft ³):	0

Infiltration Rate

Peak Infiltration Rate, (cfs):	7.3214
Time, (hrs):	65.00
Cumulative Infiltration Volume, (ft ³):	250093

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis - Inflow Hydrograph

I. Job Information

Job Name: POND16
Engineer: KK
Date: 7/20/98

II. Input Data

Equivalent Pond Length, [L] (ft): 600.00
Equivalent Pond Width, [W] (ft): 200.00

Base Of Aquifer Elevation, [B] (ft above datum): 148.92
Water Table Elevation, [WT] (ft above datum): 149.02
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day) 33.00
Fillable Porosity of Aquifer, [n] (%): 30.00

Is there a ditch parallel to the pond length axis?: No

Is there a ditch parallel to the pond width axis?: No

Include unsaturated vertical infiltration?: Yes
Unsaturated vertical infiltration rate, (ft/day): 17.00
Maximum area for unsaturated infiltration, (sq ft): 79894

Groundwater mound intersects pond bottom?: Yes

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

III. Input Data - Discharge Structures

Weir (or Orifice) #1 is Inactive

Weir (or Orifice) #2 is Inactive

Weir (or Orifice) #3 is Inactive

IV. Input Data - Stage vs Area Data

Stage (ft datum)	Area (ft ²)
-----	-----
159.000	24947.0
160.000	28793.0
161.000	32699.0
162.000	36816.0
163.000	48429.0
164.000	53637.0
165.000	66228.0
166.000	72248.0
167.000	87797.0
168.000	95584.0
169.000	103960.0

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

VIII. Summary - Cumulative Volumes, Peaks Rates, and Peak Stage

Inflow

Peak Inflow Rate, (cfs):	41.62
Time, (hrs):	60.00
Cumulative Inflow Volume, (ft ³):	352208

Stage

Peak Stage, (ft datum):	162.85
Time, (hrs):	61.00

Overflow Discharge

Peak Discharge Rate, (cfs):	0.00
Time, (hrs):	0.00
Cumulative weir discharge volume, (ft ³):	0

Infiltration Rate

Peak Infiltration Rate, (cfs):	8.8647
Time, (hrs):	62.00
Cumulative Infiltration Volume, (ft ³):	352209

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis - Inflow Hydrograph

I. Job Information

Job Name: POND18
Engineer: KK
Date: 7/20/98

II. Input Data

Equivalent Pond Length, [L] (ft): 1120.00
Equivalent Pond Width, [W] (ft): 115.00

Base Of Aquifer Elevation, [B] (ft above datum): 154.40
Water Table Elevation, [WT] (ft above datum): 154.50
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day) 40.00
Fillable Porosity of Aquifer, [n] (%): 30.00

Is there a ditch parallel to the pond length axis?: No

Is there a ditch parallel to the pond width axis?: No

Include unsaturated vertical infiltration?: Yes
Unsaturated vertical infiltration rate, (ft/day): 20.00
Maximum area for unsaturated infiltration, (sq ft): 126563

Groundwater mound intersects pond bottom?: Yes

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

III. Input Data - Discharge Structures

Weir (or Orifice) #1 is Inactive

Weir (or Orifice) #2 is Inactive

Weir (or Orifice) #3 is Inactive

IV. Input Data - Stage vs Area Data

Stage (ft datum)	Area (ft ²)
165.000	54929.0
166.000	63859.0
167.000	74662.0
168.000	86031.0
169.000	102410.0
170.000	117830.0
171.000	144184.0

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

VIII. Summary - Cumulative Volumes, Peaks Rates, and Peak Stage

Inflow

Peak Inflow Rate, (cfs):	53.72
Time, (hrs):	60.00
Cumulative Inflow Volume, (ft ³):	453589

Stage

Peak Stage, (ft datum):	166.88
Time, (hrs):	61.00

Overflow Discharge

Peak Discharge Rate, (cfs):	0.00
Time, (hrs):	0.00
Cumulative weir discharge volume, (ft ³):	0

Infiltration Rate

Peak Infiltration Rate, (cfs):	16.3594
Time, (hrs):	62.00
Cumulative Infiltration Volume, (ft ³):	453589

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis - Inflow Hydrograph

I. Job Information

Job Name: POND19
Engineer: KK
Date: 6/29/98

II. Input Data

Equivalent Pond Length, [L] (ft): 330.00
Equivalent Pond Width, [W] (ft): 140.00

Base Of Aquifer Elevation, [B] (ft above datum): 165.20
Water Table Elevation, [WT] (ft above datum): 165.30
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day) 20.00
Fillable Porosity of Aquifer, [n] (%): 30.00

Is there a ditch parallel to the pond length axis?: No

Is there a ditch parallel to the pond width axis?: No

Include unsaturated vertical infiltration?: Yes
Unsaturated vertical infiltration rate, (ft/day): 10.00
Maximum area for unsaturated infiltration, (sq ft): 48337

Groundwater mound intersects pond bottom?: Yes

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

III. Input Data - Discharge Structures

Weir (or Orifice) #1 is Inactive

Weir (or Orifice) #2 is Inactive

Weir (or Orifice) #3 is Inactive

IV. Input Data - Stage vs Area Data

Stage (ft datum)	Area (ft ²)
178.000	31630.0
179.000	34770.0
180.000	38011.0
181.000	41352.0
182.000	44794.0
183.000	48337.0

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

VIII. Summary - Cumulative Volumes, Peaks Rates, and Peak Stage

Inflow

Peak Inflow Rate, (cfs):	23.65
Time, (hrs):	60.00
Cumulative Inflow Volume, (ft ³):	199413

Stage

Peak Stage, (ft datum):	179.97
Time, (hrs):	61.00

Overflow Discharge

Peak Discharge Rate, (cfs):	0.00
Time, (hrs):	0.00
Cumulative weir discharge volume, (ft ³):	0

Infiltration Rate

Peak Infiltration Rate, (cfs):	4.3688
Time, (hrs):	62.00
Cumulative Infiltration Volume, (ft ³):	199413

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis - Inflow Hydrograph

I. Job Information

Job Name: POND20
Engineer: KK
Date: 7/20/98

II. Input Data

Equivalent Pond Length, [L] (ft): 350.00
Equivalent Pond Width, [W] (ft): 200.00

Base Of Aquifer Elevation, [B] (ft above datum): 187.00
Water Table Elevation, [WT] (ft above datum): 187.10
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day) 23.00
Fillable Porosity of Aquifer, [n] (%): 30.00

Is there a ditch parallel to the pond length axis?: No

Is there a ditch parallel to the pond width axis?: No

Include unsaturated vertical infiltration?: Yes
Unsaturated vertical infiltration rate, (ft/day): 12.00
Maximum area for unsaturated infiltration, (sq ft): 49575

Groundwater mound intersects pond bottom?: Yes

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Parner, Barley & Associates, Inc.

III. Input Data - Discharge Structures

Weir (or Orifice) #1 is Inactive

Weir (or Orifice) #2 is Inactive

Weir (or Orifice) #3 is Inactive

IV. Input Data - Stage vs Area Data

Stage (ft datum)	Area (ft ²)
191.000	17861.0
192.000	21422.0
193.000	27278.0
194.000	34259.0
195.000	41553.0
196.000	50338.0

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

VIII. Summary - Cumulative Volumes, Peaks Rates, and Peak Stage

Inflow

Peak Inflow Rate, (cfs):	18.28
Time, (hrs):	60.00
Cumulative Inflow Volume, (ft ³):	154099

Stage

Peak Stage, (ft datum):	193.34
Time, (hrs):	61.00

Overflow Discharge

Peak Discharge Rate, (cfs):	0.00
Time, (hrs):	0.00
Cumulative weir discharge volume, (ft ³):	0

Infiltration Rate

Peak Infiltration Rate, (cfs):	4.0251
Time, (hrs):	62.00
Cumulative Infiltration Volume, (ft ³):	121789

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis - Inflow Hydrograph

I. Job Information

Job Name: POND21
Engineer: XX
Date: 6/29/98

II. Input Data

Equivalent Pond Length, [L] (ft): 370.00
Equivalent Pond Width, [W] (ft): 250.00

Base Of Aquifer Elevation, [B] (ft above datum): 182.00
Water Table Elevation, [WT] (ft above datum): 182.10
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day) 14.00
Fillable Porosity of Aquifer, [n] (%): 30.00

Is there a ditch parallel to the pond length axis?: No

Is there a ditch parallel to the pond width axis?: No

Include unsaturated vertical infiltration?: Yes
Unsaturated vertical infiltration rate, (ft/day): 7.00
Maximum area for unsaturated infiltration, (sq ft): 93128

Groundwater mound intersects pond bottom?: Yes

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

III. Input Data - Discharge Structures

Weir (or Orifice) #1 is Inactive

Weir (or Orifice) #2 is Inactive

Weir (or Orifice) #3 is Inactive

IV. Input Data - Stage vs Area Data

Stage (ft datum)	Area (ft ²)
190.000	21423.0
191.000	34973.0
192.000	48552.0
193.000	59854.0
194.000	71514.0
195.000	81528.0
196.000	93128.0

POMDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

VIII. Summary - Cumulative Volumes, Peaks Rates, and Peak Stage

Inflow

Peak Inflow Rate, (cfs):	59.19
Time, (hrs):	60.00
Cumulative Inflow Volume, (ft ³):	501594

Stage

Peak Stage, (ft datum):	194.58
Time, (hrs):	62.00

Overflow Discharge

Peak Discharge Rate, (cfs):	0.00
Time, (hrs):	0.00
Cumulative weir discharge volume, (ft ³):	0

Infiltration Rate

Peak Infiltration Rate, (cfs):	6.2374
Time, (hrs):	63.00
Cumulative Infiltration Volume, (ft ³):	366446

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis - Inflow Hydrograph

I. Job Information

Job Name: POND22
Engineer: KK
Date: 6/29/98

II. Input Data

Equivalent Pond Length, [L] (ft): 670.00
Equivalent Pond Width, [W] (ft): 110.00

Base Of Aquifer Elevation, [B] (ft above datum): 165.00
Water Table Elevation, [WT] (ft above datum): 165.10
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day) 23.00
Fillable Porosity of Aquifer, [n] (%): 30.00

Is there a ditch parallel to the pond length axis?: No

Is there a ditch parallel to the pond width axis?: No

Include unsaturated vertical infiltration?: Yes
Unsaturated vertical infiltration rate, (ft/day): 11.50
Maximum area for unsaturated infiltration, (sq ft): 68868

Groundwater mound intersects pond bottom?: Yes

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

III. Input Data - Discharge Structures

Weir (or Orifice) #1 is Inactive

Weir (or Orifice) #2 is Inactive

Weir (or Orifice) #3 is Inactive

IV. Input Data - Stage vs Area Data

Stage (ft datum)	Area (ft ²)
169.000	11428.0
170.000	14734.0
171.000	18283.0
172.000	22005.0
173.000	27913.0
174.000	35306.0
175.000	51427.0
176.000	68868.0

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

VIII. Summary - Cumulative Volumes, Peaks Rates, and Peak Stage

Inflow

Peak Inflow Rate, (cfs):	27.20
Time, (hrs):	60.00
Cumulative Inflow Volume, (ft ³):	229614

Stage

Peak Stage, (ft datum):	173.66
Time, (hrs):	61.00

Overflow Discharge

Peak Discharge Rate, (cfs):	0.00
Time, (hrs):	0.00
Cumulative weir discharge volume, (ft ³):	0

Infiltration Rate

Peak Infiltration Rate, (cfs):	4.3363
Time, (hrs):	62.00
Cumulative Infiltration Volume, (ft ³):	207526

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeran, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis - Inflow Hydrograph

I. Job Information

Job Name: POND23
Engineer: KK
Date: 6/29/98

II. Input Data

Equivalent Pond Length, [L] (ft): 420.00
Equivalent Pond Width, [W] (ft): 400.00

Base Of Aquifer Elevation, [B] (ft above datum): 122.00
Water Table Elevation, [WT] (ft above datum): 122.10
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day) 23.00
Fillable Porosity of Aquifer, [n] (%): 30.00

Is there a ditch parallel to the pond length axis?: No

Is there a ditch parallel to the pond width axis?: No

Include unsaturated vertical infiltration?: Yes
Unsaturated vertical infiltration rate, (ft/day): 11.50
Maximum area for unsaturated infiltration, (sq ft): 104788

Groundwater mound intersects pond bottom?: Yes

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

III. Input Data - Discharge Structures

Weir (or Orifice) #1 is Inactive

Weir (or Orifice) #2 is Inactive

Weir (or Orifice) #3 is Inactive

IV. Input Data - Stage vs Area Data

Stage (ft datum)	Area (ft ²)
134.000	10714.0
135.000	14385.0
136.000	18695.0
137.000	23006.0
138.000	27317.0
139.000	31627.0
140.000	35938.0
141.000	41998.0
142.000	48059.0
143.000	54120.0
144.000	60180.0
145.000	66241.0
146.000	73950.0
147.000	81660.0
150.000	104788.0

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

VIII. Summary - Cumulative Volumes, Peaks Rates, and Peak Stage

Inflow

Peak Inflow Rate, (cfs):	103.50
Time, (hrs):	60.00
Cumulative Inflow Volume, (ft ³):	872691

Stage

Peak Stage, (ft datum):	145.59
Time, (hrs):	62.00

Overflow Discharge

Peak Discharge Rate, (cfs):	0.00
Time, (hrs):	0.00
Cumulative weir discharge volume, (ft ³):	0

Infiltration Rate

Peak Infiltration Rate, (cfs):	10.2308
Time, (hrs):	82.00
Cumulative Infiltration Volume, (ft ³):	815997

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis - Inflow Hydrograph

I. Job Information

Job Name: POND24
Engineer: KK
Date: 6/29/98

II. Input Data

Equivalent Pond Length, [L] (ft): 530.00
Equivalent Pond Width, [W] (ft): 480.00

Base Of Aquifer Elevation, [B] (ft above datum): 101.50
Water Table Elevation, [WT] (ft above datum): 101.60
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day) 31.00
Fillable Porosity of Aquifer, [n] (%): 30.00

Is there a ditch parallel to the pond length axis?: No

Is there a ditch parallel to the pond width axis?: No

Include unsaturated vertical infiltration?: Yes
Unsaturated vertical infiltration rate, (ft/day): 15.50
Maximum area for unsaturated infiltration, (sq ft): 174170

Groundwater mound intersects pond bottom?: Yes

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

III. Input Data - Discharge Structures

Weir (or Orifice) #1 is Inactive

Weir (or Orifice) #2 is Inactive

Weir (or Orifice) #3 is Inactive

IV. Input Data - Stage vs Area Data

Stage (ft datum)	Area (ft ²)
112.000	82911.0
113.000	91524.0
114.000	101700.0
115.000	122694.0
116.000	130872.0
117.000	152453.0
118.000	173761.0
119.000	187863.0

PONDS - Version 2.26
Copyright 1995

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

VIII. Summary - Cumulative Volumes, Peaks Rates, and Peak Stage

Inflow

Peak Inflow Rate, (cfs):	163.28
Time, (hrs):	60.00
Cumulative Inflow Volume, (ft ³):	1378484

Stage

Peak Stage, (ft datum):	116.80
Time, (hrs):	61.00

Overflow Discharge

Peak Discharge Rate, (cfs):	0.00
Time, (hrs):	0.00
Cumulative weir discharge volume, (ft ³):	0

Infiltration Rate

Peak Infiltration Rate, (cfs):	26.4106
Time, (hrs):	62.00
Cumulative Infiltration Volume, (ft ³):	968937

**"PONDS" RECOVERY ANALYSIS
TREATMENT VOLUME**

Since every basin consists of less than 40 percent impervious, the following calculations for all basins are based on formula:

$$V_T = \frac{1}{2} \text{ (area)} + \frac{1}{2} \text{ (area - for volume treatment)} = 1 \text{ (area)}$$

Per 40C - 42 FAC

$$V_{\text{TPOND1}} = 1 \text{ " x (341,508 Sq. Ft.)} = 28,459 \text{ Cu. Ft.}$$

$$V_{\text{TP2A}} = 1 \text{ " x (376,356 Sq. Ft.)} = 31,363 \text{ Cu. Ft.}$$

$$V_{\text{TP2B}} = 1 \text{ " x (816,312 Sq. Ft.)} = 68,026 \text{ Cu. Ft.}$$

$$V_{\text{TP2C}} = 1 \text{ " x (646,428 Sq. Ft.)} = 53,869 \text{ Cu. Ft.}$$

$$V_{\text{TP3}} = 1 \text{ " x (1,027,584 Sq. Ft.)} = 85,632 \text{ Cu. Ft.}$$

$$V_{\text{TP4}} = 1 \text{ " x (801,060 Sq. Ft.)} = 66,755 \text{ Cu. Ft.}$$

$$V_{\text{TP6}} = 1 \text{ " x (456,072 Sq. Ft.)} = 38,006 \text{ Cu. Ft.}$$

$$V_{\text{TP7}} = 1 \text{ " x (1,422,228 Sq. Ft.)} = 118,519 \text{ Cu. Ft.}$$

$$V_{\text{TP8}} = 1 \text{ " x (301,428 Sq. Ft.)} = 25,119 \text{ Cu. Ft.}$$

$$V_{\text{TP10}} = 1 \text{ " x (592,416 Sq. Ft.)} = 49,368 \text{ Cu. Ft.}$$

$$V_{\text{TP11}} = 1 \text{ " x (501,804 Sq. Ft.)} = 41,817 \text{ Cu. Ft.}$$

$$V_{\text{TP12}} = 1 \text{ " x (626,820 Sq. Ft.)} = 52,235 \text{ Cu. Ft.}$$

$$V_{\text{TP14}} = 1 \text{ " x (208,644 Sq. Ft.)} = 17,387 \text{ Cu. Ft.}$$

$$V_{\text{TP15}} = 1 \text{ " x (697,824 Sq. Ft.)} = 58,152 \text{ Cu. Ft.}$$

$$V_{\text{TP16}} = 1 \text{ " x (747,480 Sq. Ft.)} = 62,290 \text{ Cu. Ft.}$$

$$V_{\text{TP18}} = 1 \text{ " x (1,046,736 Sq. Ft.)} = 87,228 \text{ Cu. Ft.}$$

$$V_{\text{TP19}} = 1 \text{ " x (490,476 Sq. Ft.)} = 40,873 \text{ Cu. Ft.}$$

$$V_{\text{TP20}} = 1 \text{ " x (378,972 Sq. Ft.)} = 31,581 \text{ Cu. Ft.}$$

$$V_{\text{TP21}} = 1 \text{ " x (1,036,284 Sq. Ft.)} = 86,357 \text{ Cu. Ft.}$$

$$V_{TP22} = 1" \times (625,080 \text{ Sq. Ft.}) = 52,090 \text{ Cu. Ft.}$$

$$V_{TP23} = 1" \times (2,217,204 \text{ Sq. Ft.}) = 184,767 \text{ Cu. Ft.}$$

$$V_{TP24} = 1" \times (3,752,688 \text{ Sq. Ft.}) = 312,724 \text{ Cu. Ft.}$$

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND1
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft): 450.00
Equivalent Pond Width, [W] (ft): 85.00
Pond Bottom Elevation, [PB] (ft above datum): 200.00
Porosity Of Material Within Pond, [p] (%): 100.00

Base Of Aquifer Elevation, [B] (ft above datum): 189.18
Water Table Elevation, [WT] (ft above datum): 189.28
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day) 42.00
Fillable Porosity of Aquifer, [n] (%): 30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day): 21.00

Runoff Volume, [V] (cubic feet) 28459.00
Percent Recovery Of Runoff Volume, [PV] (%) 100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days): 0.0354
Recovered Volume From Unsaturated Flow, [V1] (ft³): 28459.00

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days): 0.0000
Recovered Volume From Saturated Flow, [V2] (ft³): 0.00
Maximum Radius Of Influence, [R] (ft): 0.00
Maximum Driving Head, [Hmax] (ft): 0.000
Minimum Driving Head, [Hmin] (ft): 0.000

TOTAL

Total Recovery Time, [T] (days): 0.0354
Total Recovered Volume, [V] (ft³): 28459.00

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND2A
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft):	400.00
Equivalent Pond Width, [W] (ft):	60.00
Pond Bottom Elevation, [PB] (ft above datum):	190.00
Porosity Of Material Within Pond, [p] (%):	100.00
Base Of Aquifer Elevation, [B] (ft above datum):	186.00
Water Table Elevation, [WT] (ft above datum):	186.10
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day)	28.00
Fillable Porosity of Aquifer, [n] (%):	30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day):	14.00
Runoff Volume, [V] (cubic feet)	31363.00
Percent Recovery Of Runoff Volume, [PV] (%)	100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days):	0.0836
Recovered Volume From Unsaturated Flow, [V1] (ft ³):	28079.96

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days):	0.0239
Recovered Volume From Saturated Flow, [V2] (ft ³):	3283.04
Maximum Radius Of Influence, [R] (ft):	6.02
Maximum Driving Head, [Hmax] (ft):	4.037
Minimum Driving Head, [Hmin] (ft):	3.900

TOTAL

Total Recovery Time, [T] (days):	0.1074
Total Recovered Volume, [V] (ft ³):	31363.00

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND2B
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft):	830.00
Equivalent Pond Width, [W] (ft):	80.00
Pond Bottom Elevation, [PB] (ft above datum):	180.00
Porosity Of Material Within Pond, [p] (%):	100.00
Base Of Aquifer Elevation, [B] (ft above datum):	159.00
Water Table Elevation, [WT] (ft above datum):	159.10
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day)	27.00
Fillable Porosity of Aquifer, [n] (%):	30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day):	13.50
Runoff Volume, [V] (cubic feet)	68026.00
Percent Recovery Of Runoff Volume, [PV] (%)	100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1]-(days):	0.0759
Recovered Volume From Unsaturated Flow, [V1] (ft^3):	68026.00

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days):	0.0000
Recovered Volume From Saturated Flow, [V2] (ft^3):	0.00
Maximum Radius Of Influence, [R] (ft):	0.00
Maximum Driving Head, [Hmax] (ft):	0.000
Minimum Driving Head, [Hmin] (ft):	0.000

TOTAL

Total Recovery Time, [T] (days):	0.0759
Total Recovered Volume, [V] (ft^3):	68026.00

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND2C
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft):	582.00
Equivalent Pond Width, [W] (ft):	220.00
Pond Bottom Elevation, [PB] (ft above datum):	163.00
Porosity Of Material Within Pond, [p] (%):	100.00
Base Of Aquifer Elevation, [B] (ft above datum):	150.00
Water Table Elevation, [WT] (ft above datum):	150.10
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day)	29.00
Fillable Porosity of Aquifer, [n] (%):	30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day):	14.50
Runoff Volume, [V] (cubic feet)	53869.00
Percent Recovery Of Runoff Volume, [PV] (%)	100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days):	0.0290
Recovered Volume From Unsaturated Flow, [V1] (ft ³):	53869.00

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days):	0.0000
Recovered Volume From Saturated Flow, [V2] (ft ³):	0.00
Maximum Radius Of Influence, [R] (ft):	0.00
Maximum Driving Head, [Hmax] (ft):	0.000
Minimum Driving Head, [Hmin] (ft):	0.000

TOTAL

Total Recovery Time, [T] (days):	0.0290
Total Recovered Volume, [V] (ft ³):	53869.00

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND3
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft): 330.00
Equivalent Pond Width, [W] (ft): 120.00
Pond Bottom Elevation, [PB] (ft above datum): 165.00
Porosity Of Material Within Pond, [p] (%): 100.00

Base Of Aquifer Elevation, [B] (ft above datum): 154.30
Water Table Elevation, [WT] (ft above datum): 154.40
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day) 26.00
Fillable Porosity of Aquifer, [n] (%): 30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day): 13.00

Runoff Volume, [V] (cubic feet) 85632.00
Percent Recovery Of Runoff Volume, [PV] (%) 100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days): 0.1663
Recovered Volume From Unsaturated Flow, [V1] (ft³): 85632.00

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days): 0.0000
Recovered Volume From Saturated Flow, [V2] (ft³): 0.00
Maximum Radius Of Influence, [R] (ft): 0.00
Maximum Driving Head, [Hmax] (ft): 0.000
Minimum Driving Head, [Hmin] (ft): 0.000

TOTAL

Total Recovery Time, [T] (days): 0.1663
Total Recovered Volume, [V] (ft³): 85632.00

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND4
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft):	400.00
Equivalent Pond Width, [W] (ft):	200.00
Pond Bottom Elevation, [PB] (ft above datum):	177.00
Porosity Of Material Within Pond, [p] (%):	100.00
Base Of Aquifer Elevation, [B] (ft above datum):	166.78
Water Table Elevation, [WT] (ft above datum):	166.88
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day)	38.00
Fillable Porosity of Aquifer, [n] (%):	30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day):	19.00
Runoff Volume, [V] (cubic feet)	66755.00
Percent Recovery Of Runoff Volume, [PV] (%)	100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days):	0.0439
Recovered Volume From Unsaturated Flow, [V1] (ft ³):	66755.00

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days):	0.0000
Recovered Volume From Saturated Flow, [V2] (ft ³):	0.00
Maximum Radius Of Influence, [R] (ft):	0.00
Maximum Driving Head, [Hmax] (ft):	0.000
Minimum Driving Head, [Hmin] (ft):	0.000

TOTAL

Total Recovery Time, [T] (days):	0.0439
Total Recovered Volume, [V] (ft ³):	66755.00

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND6
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft):	420.00
Equivalent Pond Width, [W] (ft):	200.00
Pond Bottom Elevation, [PB] (ft above datum):	199.00
Porosity Of Material Within Pond, [p] (%):	100.00
Base Of Aquifer Elevation, [B] (ft above datum):	169.51
Water Table Elevation, [WT] (ft above datum):	169.61
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day)	43.00
Fillable Porosity of Aquifer, [n] (%):	30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day):	21.50
Runoff Volume, [V] (cubic feet)	38006.00
Percent Recovery Of Runoff Volume, [PV] (%)	100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days):	0.0210
Recovered Volume From Unsaturated Flow, [V1] (ft ³):	38006.00

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days):	0.0000
Recovered Volume From Saturated Flow, [V2] (ft ³):	0.00
Maximum Radius Of Influence, [R] (ft):	0.00
Maximum Driving Head, [Hmax] (ft):	0.000
Minimum Driving Head, [Hmin] (ft):	0.000

TOTAL

Total Recovery Time, [T] (days):	0.0210
Total Recovered Volume, [V] (ft ³):	38006.00

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeran, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND7
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft):	600.00
Equivalent Pond Width, [W] (ft):	360.00
Pond Bottom Elevation, [PB] (ft above datum):	149.00
Porosity Of Material Within Pond, [p] (%):	100.00
Base Of Aquifer Elevation, [B] (ft above datum):	141.00
Water Table Elevation, [WT] (ft above datum):	141.10
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day)	25.00
Fillable Porosity of Aquifer, [n] (%):	30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day):	12.50
Runoff Volume, [V] (cubic feet)	118519.00
Percent Recovery Of Runoff Volume, [PV] (%)	100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days):	0.0439
Recovered Volume From Unsaturated Flow, [V1] (ft ³):	118519.00

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days):	0.0000
Recovered Volume From Saturated Flow, [V2] (ft ³):	0.00
Maximum Radius Of Influence, [R] (ft):	0.00
Maximum Driving Head, [Hmax] (ft):	0.000
Minimum Driving Head, [Hmin] (ft):	0.000

TOTAL

Total Recovery Time, [T] (days):	0.0439
Total Recovered Volume, [V] (ft ³):	118519.00

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farnar, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: PONDS
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft):	600.00
Equivalent Pond Width, [W] (ft):	200.00
Pond Bottom Elevation, [PB] (ft above datum):	235.00
Porosity Of Material Within Pond, [p] (%):	100.00
Base Of Aquifer Elevation, [B] (ft above datum):	232.00
Water Table Elevation, [WT] (ft above datum):	232.10
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day)	19.00
Fillable Porosity of Aquifer, [n] (%):	30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day):	9.50
Runoff Volume, [V] (cubic feet)	25119.00
Percent Recovery Of Runoff Volume, [PV] (%)	100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days):	0.0220
Recovered Volume From Unsaturated Flow, [V1] (ft ³):	25119.00

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days):	0.0000
Recovered Volume From Saturated Flow, [V2] (ft ³):	0.00
Maximum Radius Of Influence, [R] (ft):	0.00
Maximum Driving Head, [Hmax] (ft):	0.000
Minimum Driving Head, [Hmin] (ft):	0.000

TOTAL

Total Recovery Time, [T] (days):	0.0220
Total Recovered Volume, [V] (ft ³):	25119.00

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND10
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft):	400.00
Equivalent Pond Width, [W] (ft):	240.00
Pond Bottom Elevation, [PB] (ft above datum):	210.00
Porosity Of Material Within Pond, [p] (%):	100.00
Base Of Aquifer Elevation, [B] (ft above datum):	200.25
Water Table Elevation, [WT] (ft above datum):	200.35
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day)	40.00
Fillable Porosity of Aquifer, [n] (%):	30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day):	20.00
Runoff Volume, [V] (cubic feet)	49368.00
Percent Recovery Of Runoff Volume, [PV] (%)	100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days):	0.0257
Recovered Volume From Unsaturated Flow, [V1] (ft ³):	49368.00

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days):	0.0000
Recovered Volume From Saturated Flow, [V2] (ft ³):	0.00
Maximum Radius Of Influence, [R] (ft):	0.00
Maximum Driving Head, [Hmax] (ft):	0.000
Minimum Driving Head, [Hmin] (ft):	0.000

TOTAL

Total Recovery Time, [T] (days):	0.0257
Total Recovered Volume, [V] (ft ³):	49368.00

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND11
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft):	370.00
Equivalent Pond Width, [W] (ft):	70.00
Pond Bottom Elevation, [PB] (ft above datum):	211.00
Porosity Of Material Within Pond, [p] (%):	100.00
Base Of Aquifer Elevation, [B] (ft above datum):	197.80
Water Table Elevation, [WT] (ft above datum):	197.90
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day)	26.00
Fillable Porosity of Aquifer, [n] (%):	30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day):	13.00
Runoff Volume, [V] (cubic feet)	41817.00
Percent Recovery Of Runoff Volume, [PV] (%)	100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days):	0.1242
Recovered Volume From Unsaturated Flow, [V1] (ft ³):	41817.00

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days):	0.0000
Recovered Volume From Saturated Flow, [V2] (ft ³):	0.00
Maximum Radius Of Influence, [R] (ft):	0.00
Maximum Driving Head, [Hmax] (ft):	0.000
Minimum Driving Head, [Hmin] (ft):	0.000

TOTAL

Total Recovery Time, [T] (days):	0.1242
Total Recovered Volume, [V] (ft ³):	41817.00

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND12
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft):	170.00
Equivalent Pond Width, [W] (ft):	50.00
Pond Bottom Elevation, [PB] (ft above datum):	205.00
Porosity Of Material Within Pond, [p] (%):	100.00
Base Of Aquifer Elevation, [B] (ft above datum):	197.70
Water Table Elevation, [WT] (ft above datum):	197.81
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day)	44.00
Fillable Porosity of Aquifer, [n] (%):	30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day):	22.00
Runoff Volume, [V] (cubic feet)	52235.00
Percent Recovery Of Runoff Volume, [PV] (%)	100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days):	0.0980
Recovered Volume From Unsaturated Flow, [V1] (ft ³):	18334.51

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days):	0.6482
Recovered Volume From Saturated Flow, [V2] (ft ³):	33900.49
Maximum Radius Of Influence, [R] (ft):	56.33
Maximum Driving Head, [Hmax] (ft):	11.178
Minimum Driving Head, [Hmin] (ft):	7.190

TOTAL

Total Recovery Time, [T] (days):	0.7463
Total Recovered Volume, [V] (ft ³):	52235.00

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND14
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft): 200.00
Equivalent Pond Width, [W] (ft): 100.00
Pond Bottom Elevation, [PB] (ft above datum): 230.00
Porosity Of Material Within Pond, [p] (%): 100.00

Base Of Aquifer Elevation, [B] (ft above datum): 225.35
Water Table Elevation, [WT] (ft above datum): 225.45
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day) 15.00
Fillable Porosity of Aquifer, [n] (%): 30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day): 7.50

Runoff Volume, [V] (cubic feet) 17387.00
Percent Recovery Of Runoff Volume, [PV] (%) 100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days): 0.1159
Recovered Volume From Unsaturated Flow, [V1] (ft³): 17387.00

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days): 0.0000
Recovered Volume From Saturated Flow, [V2] (ft³): 0.00
Maximum Radius Of Influence, [R] (ft): 0.00
Maximum Driving Head, [Hmax] (ft): 0.000
Minimum Driving Head, [Hmin] (ft): 0.000

TOTAL

Total Recovery Time, [T] (days): 0.1159
Total Recovered Volume, [V] (ft³): 17387.00

POONDS - Version 2.26
Copyright 1993

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND15
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft):	460.00
Equivalent Pond Width, [W] (ft):	70.00
Pond Bottom Elevation, [PB] (ft above datum):	194.00
Porosity Of Material Within Pond, [p] (%):	100.00
Base Of Aquifer Elevation, [B] (ft above datum):	187.50
Water Table Elevation, [WT] (ft above datum):	187.60
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day)	32.00
Fillable Porosity of Aquifer, [n] (%):	30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day):	16.00
Runoff Volume, [V] (cubic feet)	58152.00
Percent Recovery Of Runoff Volume, [PV] (%)	100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days):	0.1129
Recovered Volume From Unsaturated Flow, [V1] (ft ³):	58152.00

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days):	0.0000
Recovered Volume From Saturated Flow, [V2] (ft ³):	0.00
Maximum Radius Of Influence, [R] (ft):	0.00
Maximum Driving Head, [Hmax] (ft):	0.000
Minimum Driving Head, [Hmin] (ft):	0.000

TOTAL

Total Recovery Time, [T] (days):	0.1129
Total Recovered Volume, [V] (ft ³):	58152.00

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeran, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND16
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft):	600.00
Equivalent Pond Width, [W] (ft):	200.00
Pond Bottom Elevation, [PB] (ft above datum):	159.00
Porosity Of Material Within Pond, [p] (%):	100.00
Base Of Aquifer Elevation, [B] (ft above datum):	148.92
Water Table Elevation, [WT] (ft above datum):	149.02
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day)	33.00
Fillable Porosity of Aquifer, [n] (%):	30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day):	16.50
Runoff Volume, [V] (cubic feet)	62290.00
Percent Recovery Of Runoff Volume, [PV] (%)	100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days):	0.0315
Recovered Volume From Unsaturated Flow, [V1] (ft ³):	62290.00

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days):	0.0000
Recovered Volume From Saturated Flow, [V2] (ft ³):	0.00
Maximum Radius Of Influence, [R] (ft):	0.00
Maximum Driving Head, [Hmax] (ft):	0.000
Minimum Driving Head, [Hmin] (ft):	0.000

TOTAL

Total Recovery Time, [T] (days):	0.0315
Total Recovered Volume, [V] (ft ³):	62290.00

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND18
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft):	1120.00
Equivalent Pond Width, [W] (ft):	115.00
Pond Bottom Elevation, [PB] (ft above datum):	165.00
Porosity Of Material Within Pond, [p] (%):	100.00
Base Of Aquifer Elevation, [B] (ft above datum):	154.40
Water Table Elevation, [WT] (ft above datum):	154.50
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day)	40.00
Fillable Porosity of Aquifer, [n] (%):	30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day):	20.00
Runoff Volume, [V] (cubic feet)	87228.00
Percent Recovery Of Runoff Volume, [PV] (%)	100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1]-(days):	0.0339
Recovered Volume From Unsaturated Flow, [V1] (ft^3):	87228.00

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days):	0.0000
Recovered Volume From Saturated Flow, [V2] (ft^3):	0.00
Maximum Radius Of Influence, [R] (ft):	0.00
Maximum Driving Head, [Hmax] (ft):	0.000
Minimum Driving Head, [Hmin] (ft):	0.000

TOTAL

Total Recovery Time, [T] (days):	0.0339
Total Recovered Volume, [V] (ft^3):	87228.00

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND19
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft):	330.00
Equivalent Pond Width, [W] (ft):	140.00
Pond Bottom Elevation, [PB] (ft above datum):	178.00
Porosity Of Material Within Pond, [p] (%):	100.00
Base Of Aquifer Elevation, [B] (ft above datum):	165.20
Water Table Elevation, [WT] (ft above datum):	165.30
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day)	20.00
Fillable Porosity of Aquifer, [n] (%):	30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day):	10.00
Runoff Volume, [V] (cubic feet)	40873.00
Percent Recovery Of Runoff Volume, [PV] (%)	100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days):	0.0885
Recovered Volume From Unsaturated Flow, [V1] (ft ³):	40873.00

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days):	0.0000
Recovered Volume From Saturated Flow, [V2] (ft ³):	0.00
Maximum Radius Of Influence, [R] (ft):	0.00
Maximum Driving Head, [Hmax] (ft):	0.000
Minimum Driving Head, [Hmin] (ft):	0.000

TOTAL

Total Recovery Time, [T] (days):	0.0885
Total Recovered Volume, [V] (ft ³):	40873.00

PONDS - Version 2.26
Copyright 1993

Written By Devo Seeraram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND20
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft):	350.00
Equivalent Pond Width, [W] (ft):	200.00
Pond Bottom Elevation, [PB] (ft above datum):	191.00
Porosity Of Material Within Pond, [p] (%):	100.00
Base Of Aquifer Elevation, [B] (ft above datum):	187.00
Water Table Elevation, [WT] (ft above datum):	187.10
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day)	23.00
Fillable Porosity of Aquifer, [n] (%):	30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day):	11.50
Runoff Volume, [V] (cubic feet)	31581.00
Percent Recovery Of Runoff Volume, [PV] (%):	100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days):	0.0392
Recovered Volume From Unsaturated Flow, [V1] (ft ³):	31581.00

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days):	0.0000
Recovered Volume From Saturated Flow, [V2] (ft ³):	0.00
Maximum Radius Of Influence, [R] (ft):	0.00
Maximum Driving Head, [Hmax] (ft):	0.000
Minimum Driving Head, [Hmin] (ft):	0.000

TOTAL

Total Recovery Time, [T] (days):	0.0392
Total Recovered Volume, [V] (ft ³):	31581.00

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND21
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft):	370.00
Equivalent Pond Width, [W] (ft):	250.00
Pond Bottom Elevation, [PB] (ft above datum):	190.00
Porosity Of Material Within Pond, [p] (%):	100.00
Base Of Aquifer Elevation, [B] (ft above datum):	182.00
Water Table Elevation, [WT] (ft above datum):	182.10
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day)	14.00
Fillable Porosity of Aquifer, [n] (%):	30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day):	7.00
Runoff Volume, [V] (cubic feet)	86357.00
Percent Recovery Of Runoff Volume, [PV] (%)	100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days):	0.1334
Recovered Volume From Unsaturated Flow, [V1] (ft ³):	86357.00

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days):	0.0000
Recovered Volume From Saturated Flow, [V2] (ft ³):	0.00
Maximum Radius Of Influence, [R] (ft):	0.00
Maximum Driving Head, [Hmax] (ft):	0.000
Minimum Driving Head, [Hmin] (ft):	0.000

TOTAL

Total Recovery Time, [T] (days):	0.1334
Total Recovered Volume, [V] (ft ³):	86357.00

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND22
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft): 670.00
Equivalent Pond Width, [W] (ft): 110.00
Pond Bottom Elevation, [PB] (ft above datum): 169.00
Porosity Of Material Within Pond, [p] (%): 100.00

Base Of Aquifer Elevation, [B] (ft above datum): 165.00
Water Table Elevation, [WT] (ft above datum): 165.10
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day) 23.00
Fillable Porosity of Aquifer, [n] (%): 30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day): 11.50

Runoff Volume, [V] (cubic feet) 52090.00
Percent Recovery Of Runoff Volume, [PV] (%) 100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days): 0.0615
Recovered Volume From Unsaturated Flow, [V1] (ft³): 52090.00

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days): 0.0000
Recovered Volume From Saturated Flow, [V2] (ft³): 0.00
Maximum Radius Of Influence, [R] (ft): 0.00
Maximum Driving Head, [Hmax] (ft): 0.000
Minimum Driving Head, [Hmin] (ft): 0.000

TOTAL

Total Recovery Time, [T] (days): 0.0615
Total Recovered Volume, [V] (ft³): 52090.00

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND23
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft):	420.00
Equivalent Pond Width, [W] (ft):	400.00
Pond Bottom Elevation, [PB] (ft above datum):	130.00
Porosity Of Material Within Pond, [p] (%):	100.00
Base Of Aquifer Elevation, [B] (ft above datum):	122.00
Water Table Elevation, [WT] (ft above datum):	122.10
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day)	23.00
Fillable Porosity of Aquifer, [n] (%):	30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day):	11.50
Runoff Volume, [V] (cubic feet)	184767.00
Percent Recovery Of Runoff Volume, [PV] (%)	100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days):	0.0956
Recovered Volume From Unsaturated Flow, [V1] (ft ³):	184767.00

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days):	0.0000
Recovered Volume From Saturated Flow, [V2] (ft ³):	0.00
Maximum Radius Of Influence, [R] (ft):	0.00
Maximum Driving Head, [Hmax] (ft):	0.000
Minimum Driving Head, [Hmin] (ft):	0.000

TOTAL

Total Recovery Time, [T] (days):	0.0956
Total Recovered Volume, [V] (ft ³):	184767.00

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND24
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft):	530.00
Equivalent Pond Width, [W] (ft):	480.00
Pond Bottom Elevation, [PB] (ft above datum):	112.00
Porosity Of Material Within Pond, [p] (%):	100.00
Base Of Aquifer Elevation, [B] (ft above datum):	101.45
Water Table Elevation, [WT] (ft above datum):	101.55
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day)	31.00
Fillable Porosity of Aquifer, [n] (%):	30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day):	15.50
Runoff Volume, [V] (cubic feet)	312724.00
Percent Recovery Of Runoff Volume, [PV] (%)	100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days):	0.0793
Recovered Volume From Unsaturated Flow, [V1] (ft ³):	312724.00

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days):	0.0000
Recovered Volume From Saturated Flow, [V2] (ft ³):	0.00
Maximum Radius Of Influence, [R] (ft):	0.00
Maximum Driving Head, [Hmax] (ft):	0.000
Minimum Driving Head, [Hmin] (ft):	0.000

TOTAL

Total Recovery Time, [T] (days):	0.0793
Total Recovered Volume, [V] (ft ³):	312724.00

**"PONDS" RECOVERY ANALYSIS
TOTAL RUNOFF VOLUME**

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND1
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft):	450.00
Equivalent Pond Width, [W] (ft):	85.00
Pond Bottom Elevation, [PB] (ft above datum):	200.00
Porosity Of Material Within Pond, [p] (%):	100.00
Base Of Aquifer Elevation, [B] (ft above datum):	189.18
Water Table Elevation, [WT] (ft above datum):	189.28
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day)	42.00
Fillable Porosity of Aquifer, [n] (%):	30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day):	21.00
Runoff Volume, [V] (cubic feet)	125474.00
Percent Recovery Of Runoff Volume, [PV] (%)	100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days):	0.1531
Recovered Volume From Unsaturated Flow, [V1] (ft ³):	123012.02

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days):	0.0003
Recovered Volume From Saturated Flow, [V2] (ft ³):	2461.98
Maximum Radius Of Influence, [R] (ft):	1.43
Maximum Driving Head, [Hmax] (ft):	10.784
Minimum Driving Head, [Hmin] (ft):	10.720

TOTAL

Total Recovery Time, [T] (days):	0.1535
Total Recovered Volume, [V] (ft ³):	125474.00

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND2A
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft):	400.00
Equivalent Pond Width, [W] (ft):	60.00
Pond Bottom Elevation, [PB] (ft above datum):	190.00
Porosity Of Material Within Pond, [p] (%):	100.00
Base Of Aquifer Elevation, [B] (ft above datum):	186.00
Water Table Elevation, [WT] (ft above datum):	186.10
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day)	28.00
Fillable Porosity of Aquifer, [n] (%):	30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day):	14.00
Runoff Volume, [V] (cubic feet)	161595.00
Percent Recovery Of Runoff Volume, [PV] (%)	100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days):	0.0836
Recovered Volume From Unsaturated Flow, [V1] (ft ³):	28079.96

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days):	13.3363
Recovered Volume From Saturated Flow, [V2] (ft ³):	133515.05
Maximum Radius Of Influence, [R] (ft):	176.87
Maximum Driving Head, [Hmax] (ft):	9.463
Minimum Driving Head, [Hmin] (ft):	3.900

TOTAL

Total Recovery Time, [T] (days):	13.4199
Total Recovered Volume, [V] (ft ³):	161595.00

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeran, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND2B
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft):	830.00
Equivalent Pond Width, [W] (ft):	80.00
Pond Bottom Elevation, [PB] (ft above datum):	180.00
Porosity Of Material Within Pond, [p] (%):	100.00
Base Of Aquifer Elevation, [B] (ft above datum):	159.00
Water Table Elevation, [WT] (ft above datum):	159.10
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day)	27.00
Fillable Porosity of Aquifer, [n] (%):	30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day):	13.50
Runoff Volume, [V] (cubic feet)	340530.00
Percent Recovery Of Runoff Volume, [PV] (%)	100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days):	0.3799
Recovered Volume From Unsaturated Flow, [V1] (ft ³):	340530.00

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days):	0.0000
Recovered Volume From Saturated Flow, [V2] (ft ³):	0.00
Maximum Radius Of Influence, [R] (ft):	0.00
Maximum Driving Head, [Hmax] (ft):	0.000
Minimum Driving Head, [Hmin] (ft):	0.000

TOTAL

Total Recovery Time, [T] (days):	0.3799
Total Recovered Volume, [V] (ft ³):	340530.00

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND2C
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft): 582.00
Equivalent Pond Width, [W] (ft): 220.00
Pond Bottom Elevation, [PB] (ft above datum): 163.00
Porosity Of Material Within Pond, [p] (%): 100.00

Base Of Aquifer Elevation, [B] (ft above datum): 150.00
Water Table Elevation, [WT] (ft above datum): 150.10
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day) 29.00
Fillable Porosity of Aquifer, [n] (%): 30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day): 14.50

Runoff Volume, [V] (cubic feet) 229315.00
Percent Recovery Of Runoff Volume, [PV] (%) 100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days): 0.1235
Recovered Volume From Unsaturated Flow, [V1] (ft³): 229315.00

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days): 0.0000
Recovered Volume From Saturated Flow, [V2] (ft³): 0.00
Maximum Radius Of Influence, [R] (ft): 0.00
Maximum Driving Head, [Hmax] (ft): 0.000
Minimum Driving Head, [Hmin] (ft): 0.000

TOTAL

Total Recovery Time, [T] (days): 0.1235
Total Recovered Volume, [V] (ft³): 229315.00

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND3
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft):	330.00
Equivalent Pond Width, [W] (ft):	120.00
Pond Bottom Elevation, [PB] (ft above datum):	165.00
Porosity Of Material Within Pond, [p] (%):	100.00
Base Of Aquifer Elevation, [B] (ft above datum):	154.30
Water Table Elevation, [WT] (ft above datum):	154.40
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day)	26.00
Fillable Porosity of Aquifer, [n] (%):	30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day):	13.00
Runoff Volume, [V] (cubic feet)	529004.00
Percent Recovery Of Runoff Volume, [PV] (%)	100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days):	0.2446
Recovered Volume From Unsaturated Flow, [V1] (ft ³):	125928.08

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days):	8.3100
Recovered Volume From Saturated Flow, [V2] (ft ³):	403075.94
Maximum Radius Of Influence, [R] (ft):	194.05
Maximum Driving Head, [Hmax] (ft):	20.779
Minimum Driving Head, [Hmin] (ft):	10.600

TOTAL

Total Recovery Time, [T] (days):	8.5546
Total Recovered Volume, [V] (ft ³):	529004.00

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND4
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft):	400.00
Equivalent Pond Width, [W] (ft):	200.00
Pond Bottom Elevation, [PB] (ft above datum):	177.00
Porosity Of Material Within Pond, [p] (%):	100.00
Base Of Aquifer Elevation, [B] (ft above datum):	166.78
Water Table Elevation, [WT] (ft above datum):	166.88
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day)	38.00
Fillable Porosity of Aquifer, [n] (%):	30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day):	19.00
Runoff Volume, [V] (cubic feet)	274150.00
Percent Recovery Of Runoff Volume, [PV] (%)	100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days):	0.1598
Recovered Volume From Unsaturated Flow, [V1] (ft ³):	242879.89

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days):	0.0538
Recovered Volume From Saturated Flow, [V2] (ft ³):	31270.11
Maximum Radius Of Influence, [R] (ft):	16.68
Maximum Driving Head, [Hmax] (ft):	10.511
Minimum Driving Head, [Hmin] (ft):	10.120

TOTAL

Total Recovery Time, [T] (days):	0.2135
Total Recovered Volume, [V] (ft ³):	274150.00

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND6
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft):	420.00
Equivalent Pond Width, [W] (ft):	200.00
Pond Bottom Elevation, [PB] (ft above datum):	199.00
Porosity Of Material Within Pond, [p] (%):	100.00
Base Of Aquifer Elevation, [B] (ft above datum):	169.51
Water Table Elevation, [WT] (ft above datum):	169.61
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day)	43.00
Fillable Porosity of Aquifer, [n] (%):	30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day):	21.50
Runoff Volume, [V] (cubic feet)	104466.00
Percent Recovery Of Runoff Volume, [PV] (%)	100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days):	0.0578
Recovered Volume From Unsaturated Flow, [V1] (ft ³):	104466.00

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days):	0.0000
Recovered Volume From Saturated Flow, [V2] (ft ³):	0.00
Maximum Radius Of Influence, [R] (ft):	0.00
Maximum Driving Head, [Hmax] (ft):	0.000
Minimum Driving Head, [Hmin] (ft):	0.000

TOTAL

Total Recovery Time, [T] (days):	0.0578
Total Recovered Volume, [V] (ft ³):	104466.00

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND7
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft):	600.00
Equivalent Pond Width, [W] (ft):	360.00
Pond Bottom Elevation, [PB] (ft above datum):	149.00
Porosity Of Material Within Pond, [p] (%):	100.00
Base Of Aquifer Elevation, [B] (ft above datum):	141.00
Water Table Elevation, [WT] (ft above datum):	141.10
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day)	25.00
Fillable Porosity of Aquifer, [n] (%):	30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day):	12.50
Runoff Volume, [V] (cubic feet)	540164.00
Percent Recovery Of Runoff Volume, [PV] (%)	100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days):	0.1896
Recovered Volume From Unsaturated Flow, [V1] (ft ³):	511919.63

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days):	0.0564
Recovered Volume From Saturated Flow, [V2] (ft ³):	28244.38
Maximum Radius Of Influence, [R] (ft):	12.25
Maximum Driving Head, [Hmax] (ft):	8.031
Minimum Driving Head, [Hmin] (ft):	7.900

TOTAL

Total Recovery Time, [T] (days):	0.2460
Total Recovered Volume, [V] (ft ³):	540164.00

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND8
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft):	600.00
Equivalent Pond Width, [W] (ft):	200.00
Pond Bottom Elevation, [PB] (ft above datum):	235.00
Porosity Of Material Within Pond, [p] (%):	100.00
Base Of Aquifer Elevation, [B] (ft above datum):	232.00
Water Table Elevation, [WT] (ft above datum):	232.10
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day)	19.00
Fillable Porosity of Aquifer, [n] (%):	30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day):	9.50
Runoff Volume, [V] (cubic feet)	91795.00
Percent Recovery Of Runoff Volume, [PV] (%)	100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days):	0.0805
Recovered Volume From Unsaturated Flow, [V1] (ft ³):	91795.00

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days):	0.0000
Recovered Volume From Saturated Flow, [V2] (ft ³):	0.00
Maximum Radius Of Influence, [R] (ft):	0.00
Maximum Driving Head, [Hmax] (ft):	0.000
Minimum Driving Head, [Hmin] (ft):	0.000

TOTAL

Total Recovery Time, [T] (days):	0.0805
Total Recovered Volume, [V] (ft ³):	91795.00

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND10
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft): 400.00
Equivalent Pond Width, [W] (ft): 240.00
Pond Bottom Elevation, [PB] (ft above datum): 210.00
Porosity Of Material Within Pond, [p] (%): 100.00

Base Of Aquifer Elevation, [B] (ft above datum): 200.35
Water Table Elevation, [WT] (ft above datum): 200.45
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day) 40.00
Fillable Porosity of Aquifer, [n] (%): 30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day): 20.00

Runoff Volume, [V] (cubic feet) 239820.00
Percent Recovery Of Runoff Volume, [PV] (%) 100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days): 0.1249
Recovered Volume From Unsaturated Flow, [V1] (ft³): 239820.00

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days): 0.0000
Recovered Volume From Saturated Flow, [V2] (ft³): 0.00
Maximum Radius Of Influence, [R] (ft): 0.00
Maximum Driving Head, [Hmax] (ft): 0.000
Minimum Driving Head, [Hmin] (ft): 0.000

TOTAL

Total Recovery Time, [T] (days): 0.1249
Total Recovered Volume, [V] (ft³): 239820.00

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND11
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft):	370.00
Equivalent Pond Width, [W] (ft):	70.00
Pond Bottom Elevation, [PB] (ft above datum):	211.00
Porosity Of Material Within Pond, [p] (%):	100.00
Base Of Aquifer Elevation, [B] (ft above datum):	197.80
Water Table Elevation, [WT] (ft above datum):	197.90
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day)	26.00
Fillable Porosity of Aquifer, [n] (%):	30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day):	13.00
Runoff Volume, [V] (cubic feet)	196788.00
Percent Recovery Of Runoff Volume, [PV] (%)	100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days):	0.3023
Recovered Volume From Unsaturated Flow, [V1] (ft ³):	101787.05

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days):	0.4777
Recovered Volume From Saturated Flow, [V2] (ft ³):	95000.95
Maximum Radius Of Influence, [R] (ft):	49.18
Maximum Driving Head, [Hmax] (ft):	16.768
Minimum Driving Head, [Hmin] (ft):	13.100

TOTAL

Total Recovery Time, [T] (days):	0.7800
Total Recovered Volume, [V] (ft ³):	196788.00

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND12
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft):	170.00
Equivalent Pond Width, [W] (ft):	50.00
Pond Bottom Elevation, [PB] (ft above datum):	205.00
Porosity Of Material Within Pond, [p] (%):	100.00
Base Of Aquifer Elevation, [B] (ft above datum):	197.70
Water Table Elevation, [WT] (ft above datum):	197.81
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day)	44.00
Fillable Porosity of Aquifer, [n] (%):	30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day):	22.00
Runoff Volume, [V] (cubic feet)	253713.00
Percent Recovery Of Runoff Volume, [PV] (%)	100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days):	0.0980
Recovered Volume From Unsaturated Flow, [V1] (ft ³):	18334.51

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days):	6.6094
Recovered Volume From Saturated Flow, [V2] (ft ³):	235378.50
Maximum Radius Of Influence, [R] (ft):	234.43
Maximum Driving Head, [Hmax] (ft):	34.882
Minimum Driving Head, [Hmin] (ft):	7.190

TOTAL

Total Recovery Time, [T] (days):	6.7074
Total Recovered Volume, [V] (ft ³):	253713.00

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND14
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft):	200.00
Equivalent Pond Width, [W] (ft):	100.00
Pond Bottom Elevation, [PB] (ft above datum):	230.00
Porosity Of Material Within Pond, [p] (%):	100.00
Base Of Aquifer Elevation, [B] (ft above datum):	225.35
Water Table Elevation, [WT] (ft above datum):	225.45
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day)	15.00
Fillable Porosity of Aquifer, [n] (%):	30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day):	7.50
Runoff Volume, [V] (cubic feet)	85646.00
Percent Recovery Of Runoff Volume, [PV] (%)	100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days):	0.1820
Recovered Volume From Unsaturated Flow, [V1] (ft ³):	27300.02

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days):	10.6471
Recovered Volume From Saturated Flow, [V2] (ft ³):	58345.98
Maximum Radius Of Influence, [R] (ft):	104.42
Maximum Driving Head, [Hmax] (ft):	7.467
Minimum Driving Head, [Hmin] (ft):	4.550

TOTAL

Total Recovery Time, [T] (days):	10.8291
Total Recovered Volume, [V] (ft ³):	85646.00

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND15
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft):	460.00
Equivalent Pond Width, [W] (ft):	70.00
Pond Bottom Elevation, [PB] (ft above datum):	194.00
Porosity Of Material Within Pond, [p] (%):	100.00
Base Of Aquifer Elevation, [B] (ft above datum):	187.50
Water Table Elevation, [WT] (ft above datum):	187.60
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day)	32.00
Fillable Porosity of Aquifer, [n] (%):	30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day):	16.00
Runoff Volume, [V] (cubic feet)	270835.00
Percent Recovery Of Runoff Volume, [PV] (%)	100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days):	0.1200
Recovered Volume From Unsaturated Flow, [V1] (ft ³):	61823.95

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days):	6.2372
Recovered Volume From Saturated Flow, [V2] (ft ³):	209011.06
Maximum Radius Of Influence, [R] (ft):	156.81
Maximum Driving Head, [Hmax] (ft):	12.891
Minimum Driving Head, [Hmin] (ft):	6.400

TOTAL

Total Recovery Time, [T] (days):	6.3572
Total Recovered Volume, [V] (ft ³):	270835.00

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND16
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft):	600.00
Equivalent Pond Width, [W] (ft):	200.00
Pond Bottom Elevation, [PB] (ft above datum):	159.00
Porosity Of Material Within Pond, [p] (%):	100.00
Base Of Aquifer Elevation, [B] (ft above datum):	148.92
Water Table Elevation, [WT] (ft above datum):	149.02
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day)	33.00
Fillable Porosity of Aquifer, [n] (%):	30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day):	16.50
Runoff Volume, [V] (cubic feet)	330209.00
Percent Recovery Of Runoff Volume, [PV] (%)	100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days):	0.1668
Recovered Volume From Unsaturated Flow, [V1] (ft ³):	330209.00

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days):	0.0000
Recovered Volume From Saturated Flow, [V2] (ft ³):	0.00
Maximum Radius Of Influence, [R] (ft):	0.00
Maximum Driving Head, [Hmax] (ft):	0.000
Minimum Driving Head, [Hmin] (ft):	0.000

TOTAL

Total Recovery Time, [T] (days):	0.1668
Total Recovered Volume, [V] (ft ³):	330209.00

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND18
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft):	1120.00
Equivalent Pond Width, [W] (ft):	115.00
Pond Bottom Elevation, [PB] (ft above datum):	165.00
Porosity Of Material Within Pond, [p] (%):	100.00
Base Of Aquifer Elevation, [B] (ft above datum):	154.40
Water Table Elevation, [WT] (ft above datum):	154.50
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day)	40.00
Fillable Porosity of Aquifer, [n] (%):	30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day):	20.00
Runoff Volume, [V] (cubic feet)	424644.00
Percent Recovery Of Runoff Volume, [PV] (%)	100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days):	0.1575
Recovered Volume From Unsaturated Flow, [V1] (ft ³):	405720.03

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days):	0.0041
Recovered Volume From Saturated Flow, [V2] (ft ³):	18923.97
Maximum Radius Of Influence, [R] (ft):	4.84
Maximum Driving Head, [Hmax] (ft):	10.647
Minimum Driving Head, [Hmin] (ft):	10.500

TOTAL

Total Recovery Time, [T] (days):	0.1616
Total Recovered Volume, [V] (ft ³):	424644.00

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND19
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft):	330.00
Equivalent Pond Width, [W] (ft):	140.00
Pond Bottom Elevation, [PB] (ft above datum):	178.00
Porosity Of Material Within Pond, [p] (%):	100.00
Base Of Aquifer Elevation, [B] (ft above datum):	165.20
Water Table Elevation, [WT] (ft above datum):	165.30
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day)	20.00
Fillable Porosity of Aquifer, [n] (%):	30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day):	10.00
Runoff Volume, [V] (cubic feet)	186265.00
Percent Recovery Of Runoff Volume, [PV] (%)	100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days):	0.3810
Recovered Volume From Unsaturated Flow, [V1] (ft ³):	176021.97

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days):	0.0093
Recovered Volume From Saturated Flow, [V2] (ft ³):	10243.03
Maximum Radius Of Influence, [R] (ft):	5.65
Maximum Driving Head, [Hmax] (ft):	12.922
Minimum Driving Head, [Hmin] (ft):	12.700

TOTAL

Total Recovery Time, [T] (days):	0.3903
Total Recovered Volume, [V] (ft ³):	186265.00

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND20
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft):	350.00
Equivalent Pond Width, [W] (ft):	200.00
Pond Bottom Elevation, [PB] (ft above datum):	191.00
Porosity Of Material Within Pond, [p] (%):	100.00
Base Of Aquifer Elevation, [B] (ft above datum):	187.00
Water Table Elevation, [WT] (ft above datum):	187.10
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day)	23.00
Fillable Porosity of Aquifer, [n] (%):	30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day):	11.50
Runoff Volume, [V] (cubic feet)	143939.00
Percent Recovery Of Runoff Volume, [PV] (%)	100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days):	0.1017
Recovered Volume From Unsaturated Flow, [V1] (ft ³):	81899.88

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days):	5.5814
Recovered Volume From Saturated Flow, [V2] (ft ³):	62039.13
Maximum Radius Of Influence, [R] (ft):	83.22
Maximum Driving Head, [Hmax] (ft):	4.786
Minimum Driving Head, [Hmin] (ft):	3.900

TOTAL

Total Recovery Time, [T] (days):	5.6832
Total Recovered Volume, [V] (ft ³):	143939.00

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeran, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND21
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft):	370.00
Equivalent Pond Width, [W] (ft):	250.00
Pond Bottom Elevation, [PB] (ft above datum):	190.00
Porosity Of Material Within Pond, [p] (%):	100.00
Base Of Aquifer Elevation, [B] (ft above datum):	182.00
Water Table Elevation, [WT] (ft above datum):	182.10
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day)	14.00
Fillable Porosity of Aquifer, [n] (%):	30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day):	7.00
Runoff Volume, [V] (cubic feet)	470593.00
Percent Recovery Of Runoff Volume, [PV] (%)	100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days):	0.3386
Recovered Volume From Unsaturated Flow, [V1] (ft ³):	219224.84

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days):	12.5759
Recovered Volume From Saturated Flow, [V2] (ft ³):	251368.16
Maximum Radius Of Influence, [R] (ft):	138.62
Maximum Driving Head, [Hmax] (ft):	10.617
Minimum Driving Head, [Hmin] (ft):	7.900

TOTAL

Total Recovery Time, [T] (days):	12.9145
Total Recovered Volume, [V] (ft ³):	470593.00

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND22
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft): 670.00
Equivalent Pond Width, [W] (ft): 110.00
Pond Bottom Elevation, [PB] (ft above datum): 169.00
Porosity Of Material Within Pond, [p] (%): 100.00

Base Of Aquifer Elevation, [B] (ft above datum): 165.00
Water Table Elevation, [WT] (ft above datum): 165.10
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day) 23.00
Fillable Porosity of Aquifer, [n] (%): 30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day): 11.50

Runoff Volume, [V] (cubic feet) 213958.00
Percent Recovery Of Runoff Volume, [PV] (%) 100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days): 0.1017
Recovered Volume From Unsaturated Flow, [V1] (ft³): 86228.87

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days): 9.9849
Recovered Volume From Saturated Flow, [V2] (ft³): 127729.13
Maximum Radius Of Influence, [R] (ft): 120.48
Maximum Driving Head, [Hmax] (ft): 5.633
Minimum Driving Head, [Hmin] (ft): 3.900

TOTAL

Total Recovery Time, [T] (days): 10.0867
Total Recovered Volume, [V] (ft³): 213958.00

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND23
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft):	420.00
Equivalent Pond Width, [W] (ft):	400.00
Pond Bottom Elevation, [PB] (ft above datum):	130.00
Porosity Of Material Within Pond, [p] (%):	100.00
Base Of Aquifer Elevation, [B] (ft above datum):	122.00
Water Table Elevation, [WT] (ft above datum):	122.10
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day)	23.00
Fillable Porosity of Aquifer, [n] (%):	30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day):	11.50
Runoff Volume, [V] (cubic feet)	814515.00
Percent Recovery Of Runoff Volume, [PV] (%)	100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days):	0.2061
Recovered Volume From Unsaturated Flow, [V1] (ft ³):	398160.09

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days):	12.3604
Recovered Volume From Saturated Flow, [V2] (ft ³):	416354.91
Maximum Radius Of Influence, [R] (ft):	175.09
Maximum Driving Head, [Hmax] (ft):	10.378
Minimum Driving Head, [Hmin] (ft):	7.900

TOTAL

Total Recovery Time, [T] (days):	12.5665
Total Recovered Volume, [V] (ft ³):	814515.00

PONDS - Version 2.26
Copyright 1993

Written By Devo Seereeram, Ph.D., P.E.
And Robert D. Casper

Licensed Solely For Use By:
Farner, Barley & Associates, Inc.

Retention Pond Recovery Analysis

I. Job Information

Job Name: POND24
Engineer: KK
Date: 7/29/98

II. Input Data

Equivalent Pond Length, [L] (ft): 530.00
Equivalent Pond Width, [W] (ft): 480.00
Pond Bottom Elevation, [PB] (ft above datum): 112.00
Porosity Of Material Within Pond, [p] (%): 100.00

Base Of Aquifer Elevation, [B] (ft above datum): 101.45
Water Table Elevation, [WT] (ft above datum): 101.55
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day) 31.00
Fillable Porosity of Aquifer, [n] (%): 30.00
Vertical Unsaturated Infiltration, [Iv] (ft/day): 15.50

Runoff Volume, [V] (cubic feet) 1284497.00
Percent Recovery Of Runoff Volume, [PV] (%) 100.00

III. Results

UNSATURATED FLOW

Recovery Time From Unsaturated Flow, [T1] (days): 0.2023
Recovered Volume From Unsaturated Flow, [V1] (ft³): 797543.81

SATURATED FLOW

Recovery Time From Saturated Flow, [T2] (days): 4.1882
Recovered Volume From Saturated Flow, [V2] (ft³): 486953.19
Maximum Radius Of Influence, [R] (ft): 134.92
Maximum Driving Head, [Hmax] (ft): 12.364
Minimum Driving Head, [Hmin] (ft): 10.450

TOTAL

Total Recovery Time, [T] (days): 4.3904
Total Recovered Volume, [V] (ft³): 1284497.00

Geotechnical Investigation
of Potential Karst Activity
LAKE LOUISA CLUB
Lake County, Florida



**Andreyev
Engineering,
Inc.**

▼ 4500 Orange Blvd.
Sanford, Florida 32771
TEL (407) 330-7763
FAX (407) 330-7765

November 22, 1996
Project No. PGT-96-165

TO: Farner Barley & Associates, Inc.
350 North Sinclair Avenue
Tavares, FL 32778

Attention: Mr. Robert E. Farner, P.E.

SUBJECT: Geotechnical Investigation of Potential Karst Activity, Lake Louisa Club,
Lake County, Florida

Dear Mr. Farner:

As requested, Andreyev Engineering, Inc. (AEI) has completed a geotechnical investigation of potential karst activity at the subject site. Work was performed in general accordance with AEI proposal No. P-96-116 dated October 15, 1996.

The attached report presents the findings, evaluations and recommendations. AEI appreciates the opportunity to participate in this project and trusts that the information contained herein is sufficient for your immediate needs. If you have any questions or comments, please contact the undersigned.

Sincerely,

ANDREYEV ENGINEERING, INC.

Scott Cavin, P.E.
Senior Project Engineer
Florida Registration No. 48125

Nicolas E. Andreyev, P.E.
President
Florida Registration No. 35459

Site and Project Description

The proposed Lake Louisa Club development is located on the west side of U.S. Highway 27 approximately four (4) miles southeast of Clermont, Florida. The property encompasses about 400 acres of land in portions of Sections 4, 5, 8 and 9 of Township 23 South, Range 26 East, Lake County, Florida. The subject site is approximately 1500 feet north of Lake Louisa. Refer to **Figure 1** for a Vicinity Map. The site topography consists of hills and depressions with an estimated elevation change on the order of 150 feet. At the time of AEI's field explorations, the property was undeveloped except for a few abandoned structures. Most of the site had been cleared except for some of the depressions which contained mature trees. It is appears that the subject site was formerly a citrus grove.

It is understood that the proposed development will include single family residences, paved streets, a golf course, drainage retention areas, and lake/conservation areas. The residential lot sizes will range from approximately 0.19 to 0.24 acre.

Purpose and Scope

The purpose of this study was to obtain information on the general subsurface conditions within existing depressions at the site, evaluate the stability of the depressions, and evaluate the potential for sinkhole activity. To accomplish this purpose, the following tasks were performed:

- Review available published data regarding the subsurface and surface conditions in the vicinity of the subject site.
- Locate and identify the boring locations within the depressions.
- Drill six (6) Standard Penetration Test (SPT) borings to a depth of 150 feet below existing ground surface.
- Visually classify and stratify samples recovered from the borings and perform index property tests on selected samples.
- Prepare a report which summarizes the work performed, the field and laboratory data generated, and engineering analyses and recommendations.

Review of Available U.S. Geological Survey Map

The "Clermont East, Florida" topographic map published by the U.S. Geological Survey (U.S.G.S.) dated 1962 (photorevised 1986) was reviewed. Refer to **Figure 1** for a copy of a portion of this map showing the subject site location. The topography of the site is characterized by hills and depressions. The ground surface elevation ranges from approximately +100 feet, NGVD near the northwest corner of the site to about +250 feet, NGVD in the east central portion of the property.

There are two (2) relatively large circular depressions located in the western portion of the site. The largest is on the western property boundary. This largest feature is approximately 1500 to 2000 feet in diameter by 50 to 75 feet deep. The second large depression is located about 2000 feet southeast of the largest depression. The smaller feature is about 800 to 1000 feet in diameter by 40 feet deep. Three (3) other depressions and topographic low areas are identified on the map within the site boundary. These areas are located along U.S. Highway 27 on the eastern site boundary in the south central portion of the site near the south property boundary, and on the northeastern portion of this site at the northern property boundary.

The topography surrounding the site is similar to the site, consisting of hills and depressions. Swamp symbols are shown in some of the low areas on adjacent properties. The water elevations of Lake Louisa to the south and Lake Felter to the north of the subject site are shown at +94 and +85 feet, NGVD, respectively.

S.C.S. Soil Survey

The "Soil Survey Report, Maps and Interpretations, Lake County Area, Florida" published by the U.S. Department of Agriculture Soil Conservation Service (S.C.S.) was reviewed. Within the subject property boundaries, the shallow soil types consist of Candler and Lake sands. These soils are deep, excessively well drained soils with a seasonal high groundwater table greater than six (6) feet below ground surface.

Potentiometric Surface Map

The map "Potentiometric Surface of the Upper Floridan Aquifer in the St. John's River Water Management District and Vicinity, Florida, September 1995" published by the U.S.G.S. was reviewed. The elevation of the potentiometric surface in the vicinity of the subject site is approximately +85 feet, NGVD. Groundwater flow in the Upper Floridan Aquifer is to the northeast.

Area Geology

The geology of the Central Florida areas is characterized by sedimentary strata formed during three distinct geologic periods. The surficial stratum is composed of undifferentiated Holocene/Pleistocene/Pliocene age sands, containing varying amounts of silt and clay, which extend typically to depths on the order of 40 to 60 feet below ground surface. This upper, mostly sandy zone contains the surficial (water table) aquifer. A Miocene age deposit, the Hawthorne Formation, frequently underlies the surficial sand and is typically composed of clay, clayey sand and sandy limestone containing appreciable amounts of phosphate. This relatively impermeable stratum extends to typical depths of 125 to 150 feet beneath ground surface and serves as the confining layer for the underlying Floridan aquifer. The Floridan aquifer, composed of Eocene age Ocala, Avon Park and Lake City Limestones, is highly productive and supplies most of the drinking water for Central Florida. The extremely high productivity of this aquifer is directly related to its many cavities and interconnected channels. These cavities and channels were formed by dissolution of the limestone caused by the movement of slightly acidic water through the rock.

The geology of the area, as described above, is conducive to the development of sinkholes. The solution features within the limestone can collapse or can allow the downward movement of overlying soils, known as ravelling, to produce depressions at the surface which are typically circular in shape (sinkholes). Sinkholes can occur nearly anywhere in Central Florida, but are more likely to occur in areas characterized by thin confining beds, large differences between the water table elevation and the Floridan aquifer potentiometric level and the presence of limestone in relatively close proximity to the ground surface.

Previous Geotechnical Reports

The following reports were supplied to AEI for review:

- "Report of Preliminary Subsurface Exploration, Sinkhole Risk Analysis and Effluent Disposal Evaluation, West Hills, Lake County, Florida" dated August 14, 1990 by Westinghouse Environmental and Geotechnical Services, Inc.

- "Report of Subsurface Exploration and Geotechnical Engineering Evaluation for Existing Depression areas, Kings Point Subdivision (Formerly Clermont Hills), Lake County, Florida" dated February 14, 1995 by L.J. Nodarse & Associates, Inc.

The Westinghouse study was located in Sections 3, 4, 5 and 9 and the L.J. Nodarse study was located in Section 4 of Township 23 South, Range 26 East. These study areas are within or adjacent to the sections studied for the proposed Lake Louisa Club development. Both studies found relatively thick deposits of sand grading downward into silt and clayey sand at depths between 75 and 100 feet below existing ground surface. Limestone was found in only one (1) of ten (10) SPT borings performed for both studies. The limestone was encountered at approximately elevation +10 feet, NGVD. Both studies concluded that existing subsurface conditions are stable and that the risk of future sinkhole development is moderate to low.

Field Exploration/Laboratory Testing

The field exploration for the Lake Louisa Club development was performed between October 22nd and November 4, 1996. Six (6) Standard Penetration Test (SPT) borings were drilled in the existing depressions and topographic low areas at the subject site. The borings were advanced to a depth of 150 feet below existing ground surface. SPT N-values were recorded continuously in the upper ten (10) feet of each boring and at five (5) foot intervals thereafter. The borings were completed using the mud rotary method and were grout sealed upon completion. Samples were recovered from each boring and returned to AEI's laboratory for classification and stratification. Index property tests, consisting of moisture content and percent passing the No. 200 sieve were performed on selected samples. Approximate locations of the borings are shown on **Figure 2** and results of the borings in profile form are presented on **Figure 3**. SPT N-values and laboratory test results are shown at the approximate depths adjacent to the profiles on **Figure 3**. On the profiles, horizontal lines designating the interface between differing intervals represent approximate boundaries. The transition between layers is typically gradual.

Subsurface Conditions

In general, the borings encountered fine sand, slightly silty fine sand, and silty fine sand (Strata 1, 2 and 3) to the termination depths. Exceptions were noted in borings TB-1, TB-2 and TB-3 where relatively minor amounts of slightly clayey to clayey fine sand (Stratum 4) were found at various depths. Refer to the boring profiles on **Figure 3** for a more complete description of the subsoils found.

SPT N-values were generally less than ten (10) in the upper ten (10) feet of each boring. Below ten (10) feet, the N-values were generally greater than 15 and in most cases greater than 20. An exception was noted between the depths of 140 and 150 feet in boring TB-4 where N-values of four (4) and five (5) were recorded. Drilling fluid circulation losses were not noted during drilling. However, a greater than normal use of fluid was noted in boring TB-2 between the depths of 100 and 150 feet.

Evaluation

As discussed above, the geology of the area where the subject site is located is conducive to the development of sinkholes. Solution features within the limestone that underlies the area can collapse or can allow the downward movement of overlying soils to produce depressions at the surface which are typically circular in shape. The depressions on the subject site and on adjacent properties are believed to have formed by these processes. The depressional features are relatively old as evidenced by the presence of mature trees (where clearing has not occurred) and

the presence of stable slopes. The stability of the depressions and the potential for future suitable activity can be evaluated by analysis of the SPT boring results and the geologic and hydrogeologic conditions in the area.

Sinkholes in the Central Florida area normally develop by subsidence or collapse of unconsolidated soils that overlie the limestone into openings and very loose zones in the limestone. Conditions that favor sinkhole development include the following:

- The presence of openings and very loose (ravelled) zones in the limestone.
- Easily erodible soils above the limestone.
- The presence of a significant hydraulic head between a shallow and a deep water table which promotes a downward erosion process.

Limestone was not found in the borings performed for this study to a depth of 150 feet and limestone was found in only one (1) boring performed at the adjacent properties. However, it is well documented that limestone underlies the area and that the surface of the limestone has been subjected to chemical erosion, creating openings and very loose zones. The sandy soils that were found in the borings are easily erodible if present in a loose condition. However, the relatively high SPT N-values recorded in the borings indicate that the sands are not loose, except in the near surface deposits, which is a typical condition in most of Central Florida. Lastly, the presence of low permeability soils (sandy clay and clay) found near the bottom of some of the borings, indicate a presence of a semi-eroded Hawthorn Formation above the limestone, that will provide confinement between the water table aquifer and the underlying limestone aquifer.

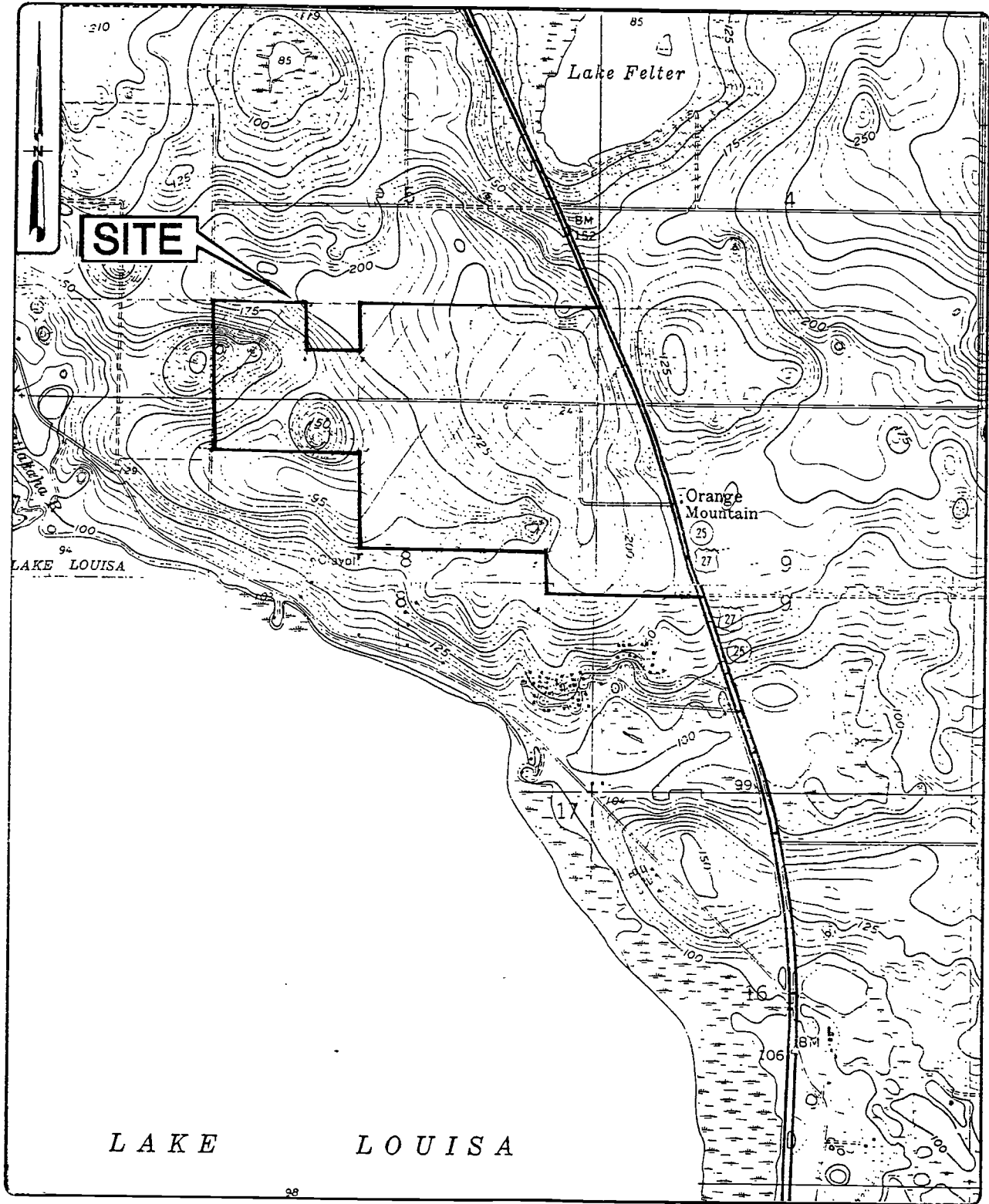
The conditions prior to depression development more than likely included loose sands and thin or leaky Hawthorn deposits. The present conditions at the boring locations indicate relatively dense soils through out the soil profile. The potential for future sinkhole development at the subject site in its present conditions is low relative the other sites in Central Florida. However, alteration of the site can increase the potential for further subsidence. To minimize the potential for future subsidence the development shall implement design and construction techniques to minimize increasing of hydraulic heads and overburdened loads in the depressional areas.

Recommendations

Induced sinkholes, or those caused by man's activities, result from ponding of water, groundwater level declines caused by pumping from the limestone, and significant removal of overburden above the limestone. At the subject site, it is recommended that structures be located at least 200 feet from the edge of proposed surface water bodies and areas where surface water accumulates, such as lakes, drainage retention areas and depressions. In addition, on-site wells should be installed with cased depths of a minimum of 50 feet into the limestone. Due to the thickness of soils over the limestone at the site, significant removal of overburden is not anticipated.

Futher site specific investigations and construction recommendations should be made for all depressional areas during the final design and construction activity on this project.

FIGURES



REFERENCE:

U.S.G.S. CLERMONT EAST, FLA.
 QUADRANGLE MAP
 DATED 1962
 PHOTOREVISED 1980
 SECTION 4
 TOWNSHIP 23 SOUTH
 RANGE 26 EAST



**Andreyev
 Engineering,
 Inc.**

GEOTECHNICAL INVESTIGATION
LAKE LOUISA CLUB
 LAKE COUNTY, FLORIDA

DATE: 11-15-96

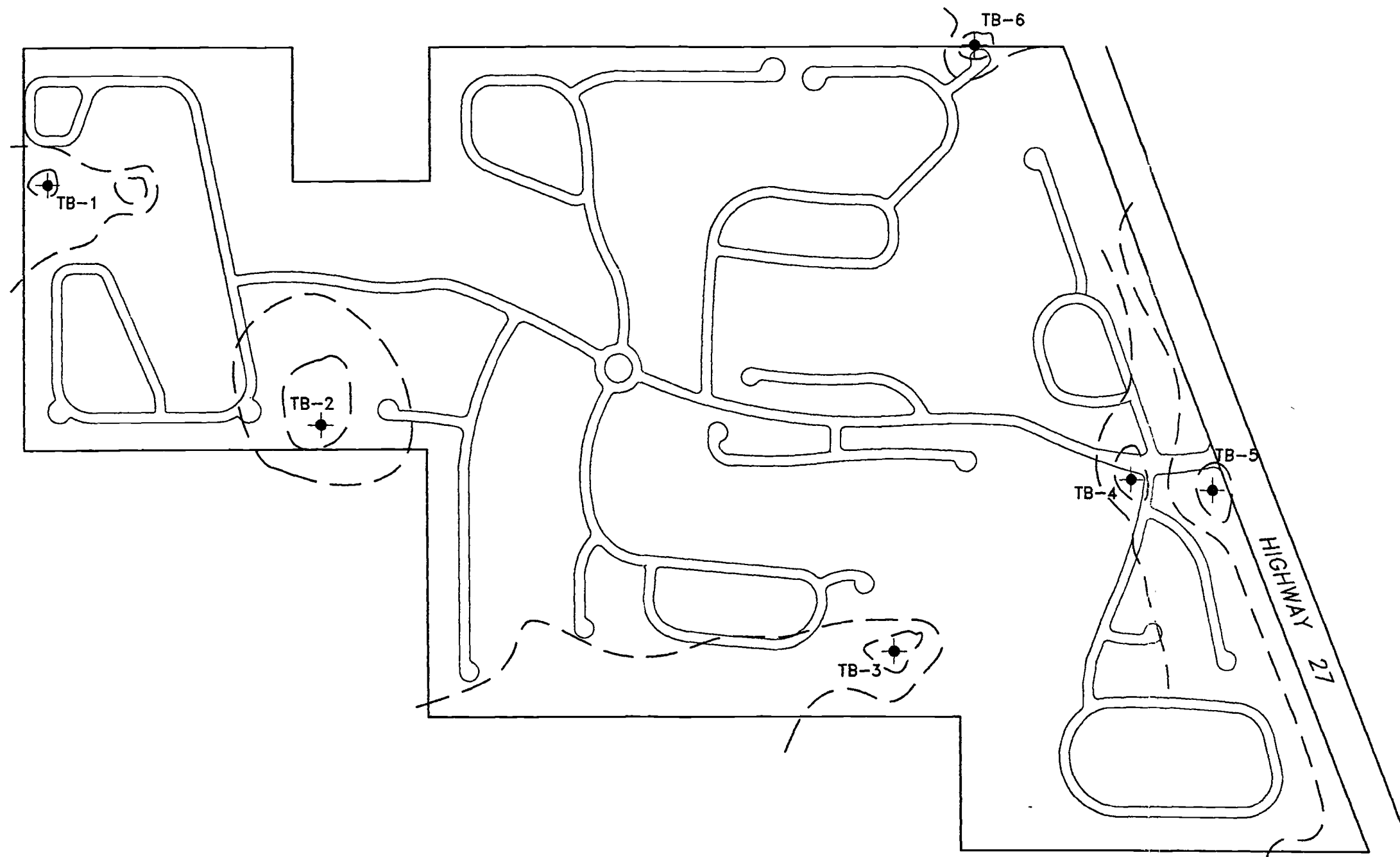
SCALE: 1"=2000'

ENGINEER: SC

PN: PGT-96-165


VICINITY MAP

FIGURE 1



LEGEND


 APPROXIMATE LOCATION OF SPT BORING

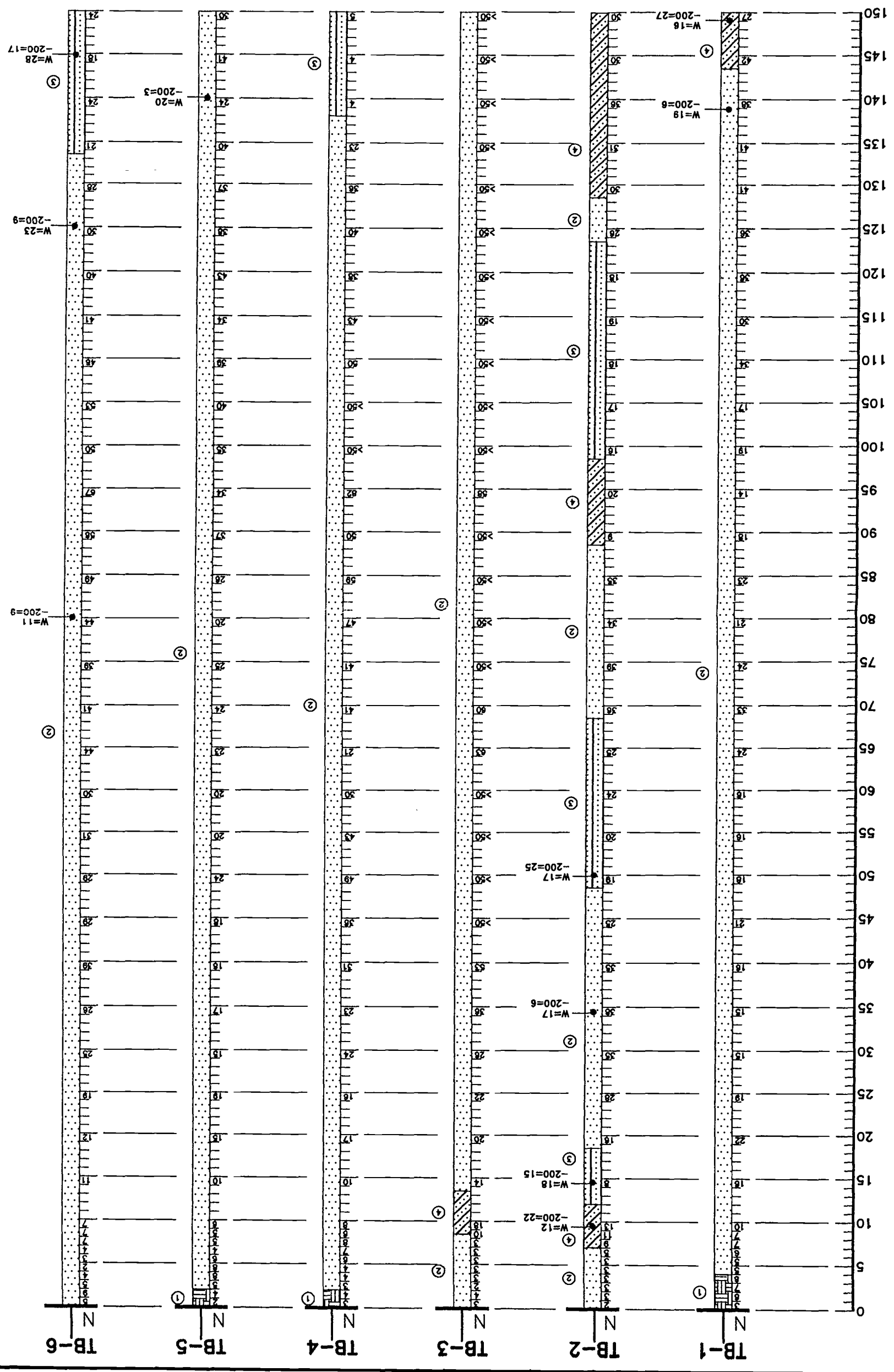
 Andreyev Engineering, Inc.		GEOTECHNICAL INVESTIGATION LAKE LOUISA CLUB LAKE COUNTY, FLORIDA	
		LOCATION PLAN FIGURE 2	
DATE: 11/13/96	SCALE: 1"=600'		
ENGINEER: SC	PN: PGT-96-165		

STANDARD PENETRATION RESISTANCE IN BLOWS PER FOOT
 PERCENT OF FINES PASSING THE U.S. NO. 200 SIEVE
 NATURAL MOISTURE CONTENT IN PERCENT
 UNIFIED SOIL CLASSIFICATION GROUP SYMBOL
 W
 (SP) CLAYEY FINE SAND (SP/SC) (SC)
 (4) LIGHT BROWN TO ORANGISH BROWN SLIGHTLY CLAYEY TO
 (3) SILTY TO SILTY FINE SAND (SP/SM) (SM)
 (2) LIGHT GRAY TO LIGHT BROWN TO ORANGISH BROWN SLIGHTLY
 SLIGHTLY SILTY FINE SAND (SP) (SP/SM)
 (2) BROWN TO LIGHT BROWN TO ORANGISH BROWN TO LIGHT GRAY
 (1) GRAYISH BROWN FINE SAND WITH SMALL ROOTS (TOPSOIL) (SP)

LEGEND

NOTE: GREATER THAN NOMINAL USE OF DRILLING FLUID NOTED IN BORING TB-2 FROM 100 TO 150 FEET.

DEPTH IN FEET



Geotechnical Engineering Study,
Proposed Stormwater
Management Area
PHASE I
LAKE LOUISA CLUB
Lake County, Florida



**Andreyev
Engineering,
Inc.**

▼ 4500 Orange Blvd.
Sanford, Florida 32771
TEL (407) 330-7763
FAX (407) 330-7765

April 14, 1997
Project No: PGT-96-165

TO: Lennar Homes
7600 Nob Hill Road
Tamarac, Florida 33321

Attention: Mr. Robert Ahrens

SUBJECT: Geotechnical Engineering Study of Proposed Stormwater Management Areas,
Phase I, Lake Louisa Club, Lake County, Florida

Dear Mr. Ahrens:

As requested, Andreyev Engineering, Inc. (AEI) has completed a geotechnical engineering study for the subject project. The work was performed in general accordance with AEI Proposal No. DJR-97-006, dated April 3, 1997 with written authorization to proceed received on April 8, 1997.

The attached report presents the findings of the study and engineering analyses and recommendations to guide design and construction of the stormwater management areas. AEI appreciates the opportunity to participate in this project and trusts that the information herein is sufficient for your immediate needs. If you have any questions or comments concerning the contents of this report, or if we may be of further service, please do not hesitate to contact the undersigned.

Sincerely,

ANDREYEV ENGINEERING, INC.

David J. Rathbun, P.E.
Senior Project Manager
Florida Registration No. 40494

Nicolas E. Andreyev, P.E.
President
Florida Registration No. 35459

xc: Farner, Barley and Associates, Inc.

1.0 SITE AND PROJECT DESCRIPTION

The proposed Lake Louisa Club development is located on the west side of U.S. Highway 27 approximately four (4) miles southeast of Clermont, Florida. The property encompasses about 400 acres of land in portions of Sections 4, 5, 8 and 9 of Township 23 South, Range 26 East, Lake County, Florida. The subject site is approximately 1,500 feet north of Lake Louisa. Refer to **Figure 1** for a Vicinity Map. The site topography consists of hills and depressions with an estimated elevation change on the order of 150 feet. At the time of AEI's field exploration, the property was undeveloped except for a few abandoned structures. Most of the site had been cleared except for some of the depressions which contained mature trees. It appears that the subject site was formerly a citrus grove.

It is understood that the proposed development will include single family residences, paved streets, a golf course, drainage retention areas (DRA) and lake/conservation areas. The residential lot sizes will range from approximately 0.19 to 0.24 acre. Phase I consists of the eastern approximately 100 acres of the site. Ten (10) DRA's are planned in Phase I. The proposed DRA locations are shown on **Figure 2**. Four (4) of the DRA's will be adjacent to the U.S. 27 right-of-way. Final grades have not been determined but it appears that berms will be required between the DRA's and U.S. 27. The DRA's are expected to be on the order of 10 feet deep. Dry ponds are planned except for the DRA between golf holes 1 and 10 which will be lined to create a lake. Boring AB-10 was drilled near the edge of the proposed DRA above the top of the proposed liner. Due to the rolling terrain at the site, cut and fill is planned in roadway and lot areas. A proposed deep cut on the order of 10 feet is planned west of golf hole 18. Boring AB-3 was drilled in this area to assess subsurface conditions up to and below the cut elevation.

2.0 PURPOSE AND SCOPE OF SERVICES

The purpose of the study was to explore subsurface conditions at proposed DRA sites and in the proposed roadway cut area and provide the following:

- Soil and groundwater conditions encountered.
- Normal seasonal high groundwater level estimates.
- Permeability test results.
- Slope stability analyses for the berms DRA's.
- Recommendations for berm seepage control adjacent to U.S. Highway 27.
- Recommendations for the roadway cut area, including suitability of soils for use as fill and subgrade.

The field work was performed on April 9 and 10, 1997 and consisted of 10 auger borings to a depth of 25 feet below existing ground surface. Nine (9) of the borings were drilled at proposed DRA locations and 1 boring (AB-3) was drilled in the roadway cut area. In addition, 4 Standard Penetration Test (SPT) borings were previously drilled in or near the DRA sites by AEI. The scope of services for the subject study also included a field permeability test in each of the 10 DRA locations.

Samples were recovered from each boring and returned to AEI's laboratory for visual classification. Moisture content and No. 200 sieve tests were performed on selected samples. Approximate boring locations are shown on **Figure 2** and results of the borings in profile form are presented on **Figure 3**. The upper 25 feet of the previously performed SPT borings (TB-3 through TB-6) are also

shown on Figure 3. Results of the field permeability and laboratory tests are shown adjacent to the profiles. On the profiles, horizontal lines designating the interface between differing materials represent approximate boundaries. The transition between layers is typically gradual.

3.0 FINDINGS

3.1 Subsurface Conditions

Fine sand to fine sand with silt (Stratum 1) was the predominant soil type found in the borings. Stratum 1 extended from the ground surface to the termination depth (25 feet) in borings AB-1, AB-3, AB-4, AB-7, AB-10, and TB-4 through TB-6. In borings AB-5, AB-6, and AB-8, Stratum 1 was underlain by fine to medium sand (Stratum 3) at depths ranging from about 18 ½ to 22 feet. In boring AB-9, Stratum 1 extended to a depth of approximately 9 feet where it was underlain by clayey fine sand (Stratum 4) and sandy clay (Stratum 5). Strata 4 and 5 extended to a depth of 22 feet in boring AB-9 where Stratum 1 was encountered to the boring termination depth. The groundwater table was not found in the borings.

The previously performed SPT borings were drilled to a depth of 150 feet below existing ground surface. Below the 25 foot depth shown on Figure 3, the SPT borings encountered fine sand to sand with silt (Stratum 1) for their entire depth.

3.2 S.C.S. Soil Survey

The "Soil Survey Report, Maps and Interpretations, Lake County Area, Florida" published by the U.S. Department of Agriculture Soil Conservation Service (S.C.S.) was reviewed. The shallow soil types within the subject property boundaries consist of Candler and Lake sands. These soils are deep, excessively well drained soils with a seasonal high groundwater table greater than six (6) feet below ground surface.

3.3 Permeability Test Results

The field permeability tests were conducted in temporary PVC slotted casings installed in the boreholes. The slotted PVC casings were installed to create open-hole permeability method. The tests were performed by applying a continuous flow of water to the open-holes to maintain a constant water level. The volume of water used was measured and the permeability was calculated per procedures recommended by the U.S. Bureau of Reclamation (Earth Manual, E-19). Results are as follows:

<u>Location</u>	<u>Tested Depth Interval Below Existing Ground Surface (feet)</u>	<u>Coefficient of Horizontal Permeability (feet per day)</u>
AB-1	5 ½ - 12	28
AB-2	5 ½ - 11 ½	27
AB-4	7 - 12	23
AB-5	7 ½ - 11 ½	29
AB-6	4 - 12	26
AB-7	7 - 12	38
AB-8	4 - 12	25
AB-9	5 - 10	81
AB-10	7 - 12	25
TB-5	7 - 12	19

4.0 EVALUATION AND RECOMMENDATIONS

4.1 Drainage Retention Area Design Parameters

The soils found in each DRA boring except AB-9 and TB-3 consisted of the Stratum 1, 2 and 3 sands. These sands are moderately to highly permeable and will be suitable for exfiltration of stormwater. The Strata 4 and 5 soils found in borings AB-9 and TB-3 have a relatively high fines content and therefore will have a very low permeability. Strata 4 and 5 should be considered as confining layers for purposes of infiltration analysis.

The normal seasonal high groundwater table is estimated to be below the depth of the borings (more than 25 feet below ground surface). However, water will temporarily perch on the Strata 4 and 5 soils after periods of heavy or prolonged rainfall.

4.2 Slope Stability

Pond slopes of 3:1 (H:V) or flatter are expected to be stable. The stability of a 3:1 slope 12 feet high was analyzed using the computer program PCSTABL. The analysis was performed assuming that the pond was full of water and the soils below the water level were saturated. The resulting factor of safety was 1.9. Results are included in **Appendix A**. After final grades have been determined, additional slope stability analyses should be performed based on the actual pond geometry if higher or steeper slopes are planned.

4.3 Berm Seepage Control

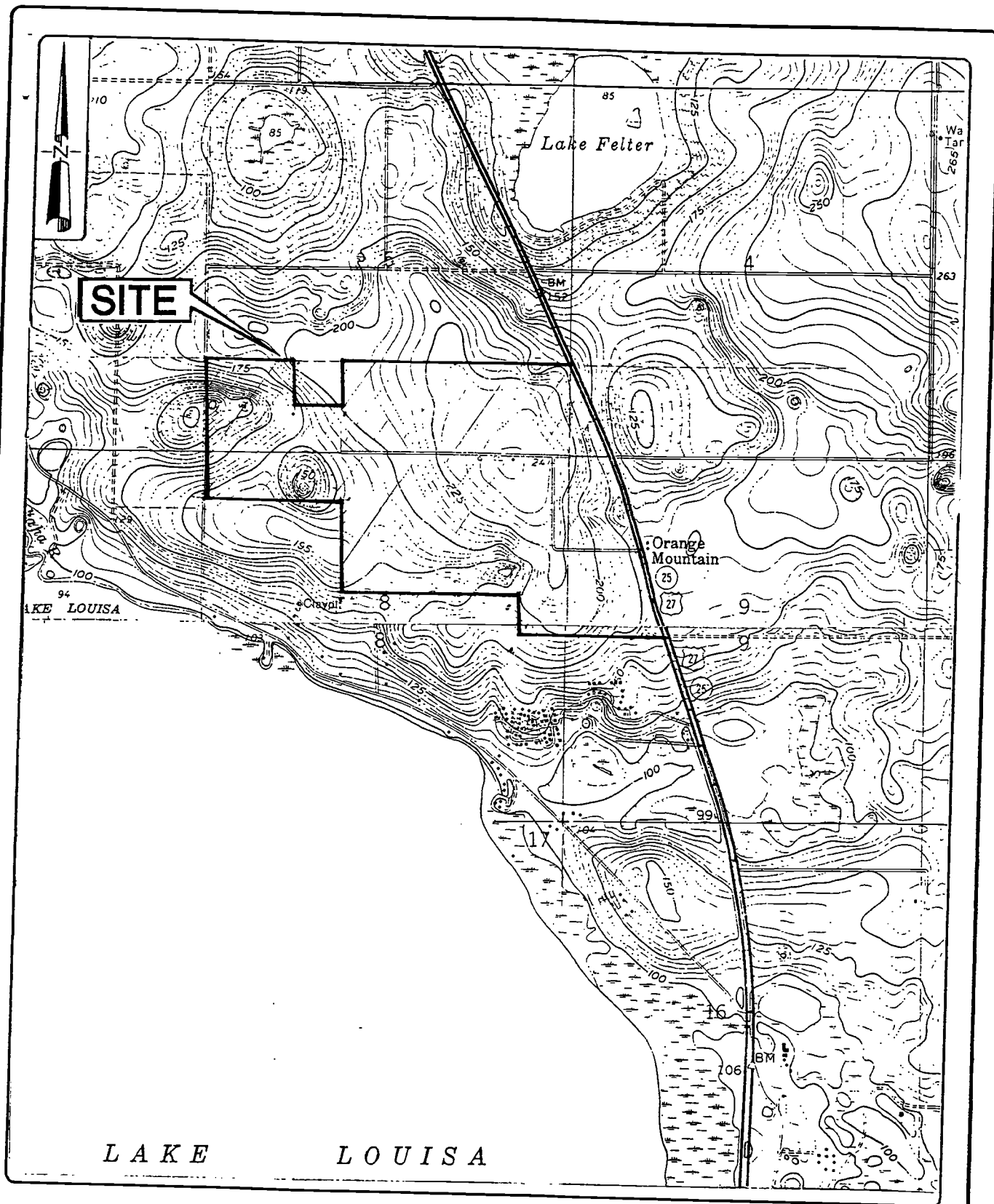
Depending on final grades, berms may be required for the DRA's adjacent to the U.S. 27 right-of-way. Water seepage through the berms can be controlled with a clay core. The core should be at least 2 feet wide, located in the center of the berms, and extend at least 3 feet below the surface elevation of the adjacent right-of-way. The core material should consist of clayey sand or sandy clay having at least 30 percent by weight passing the No. 200 sieve, a liquid limit between 30 and 50, and a plasticity index between 15 and 30. The core material should be placed in maximum 8 inch thick loose lifts and each lift should be compacted to at least 95 percent of the modified Proctor (ASTM D1557) maximum dry density of the soil. A moisture content between 1 percent below and 3 percent above the ASTM D1557 optimum moisture content is recommended during compaction. After plans have been prepared, additional recommendations can be provided regarding the horizontal and vertical extent of the clay core.

4.4 Roadway Cut Area

Stratum 1 sands were found the entire depth of boring AB-3 which was performed in the proposed cut area. These sands are suitable for roadway support and for fill below pavement and structures.

The Stratum 2 and 3 soils found in some of the borings will also be suitable for roadway support and fill. However, the Stratum 4 and 5 clayey soils will not be suitable for roadway or structure support. Stratum 4 and 5 can be used in lower portions of fills but not within 4 feet of pavements and structures.

FIGURES



REFERENCE:
 U.S.G.S. CLERMONT EAST, FLA.
 QUADRANGLE MAP
 DATED 1962
 PHOTOREVISED 1980
 SECTION 4
 TOWNSHIP 23 SOUTH
 RANGE 26 EAST



**Andreyev
 Engineering,
 Inc.**

DATE: 4-11-97

SCALE: 1"=2000'

ENGINEER: DJR

PN: PGT-96-165

GEOTECHNICAL INVESTIGATION

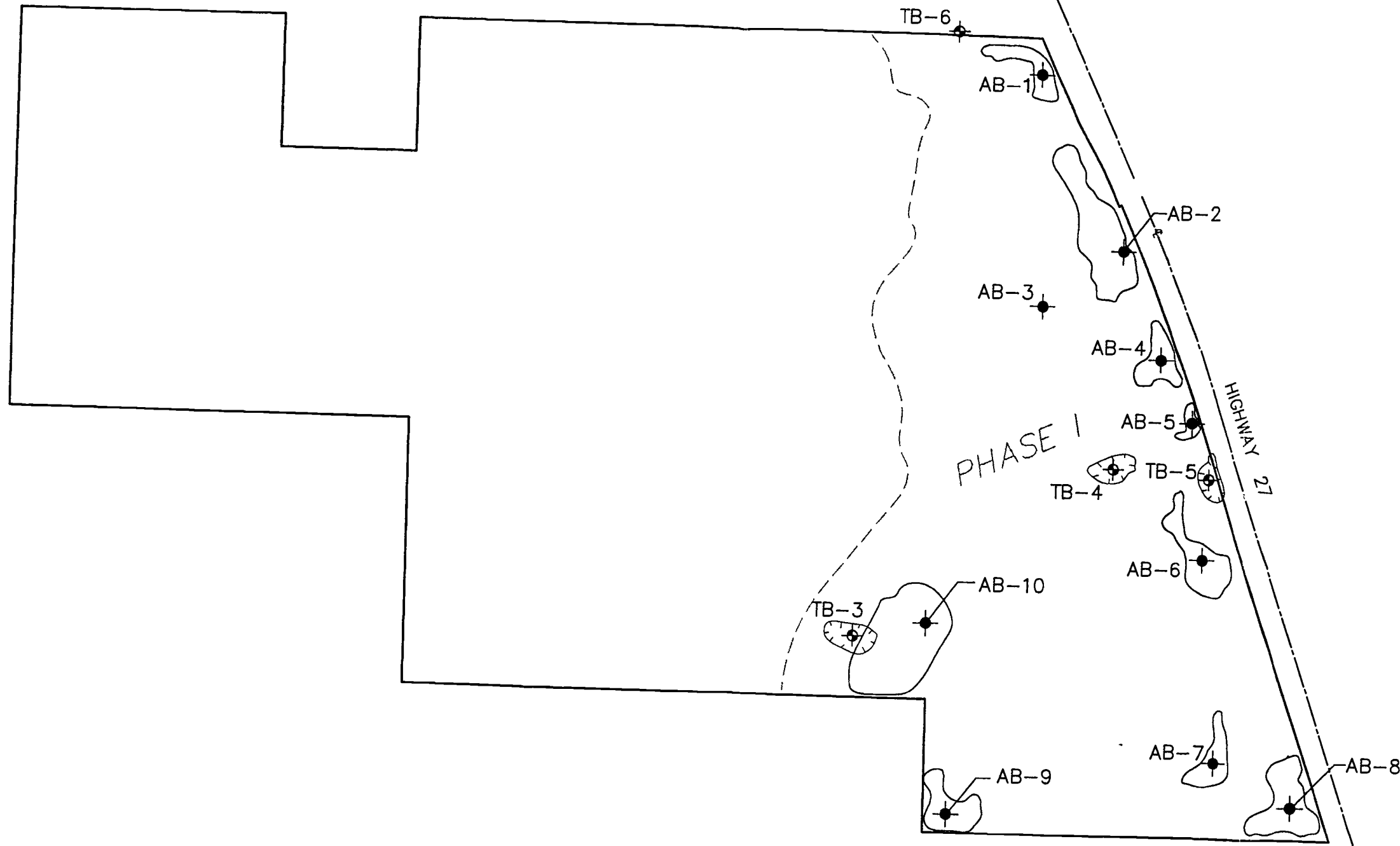
LAKE LOUISA CLUB

LAKE COUNTY, FLORIDA

VICINITY MAP


FIGURE 1

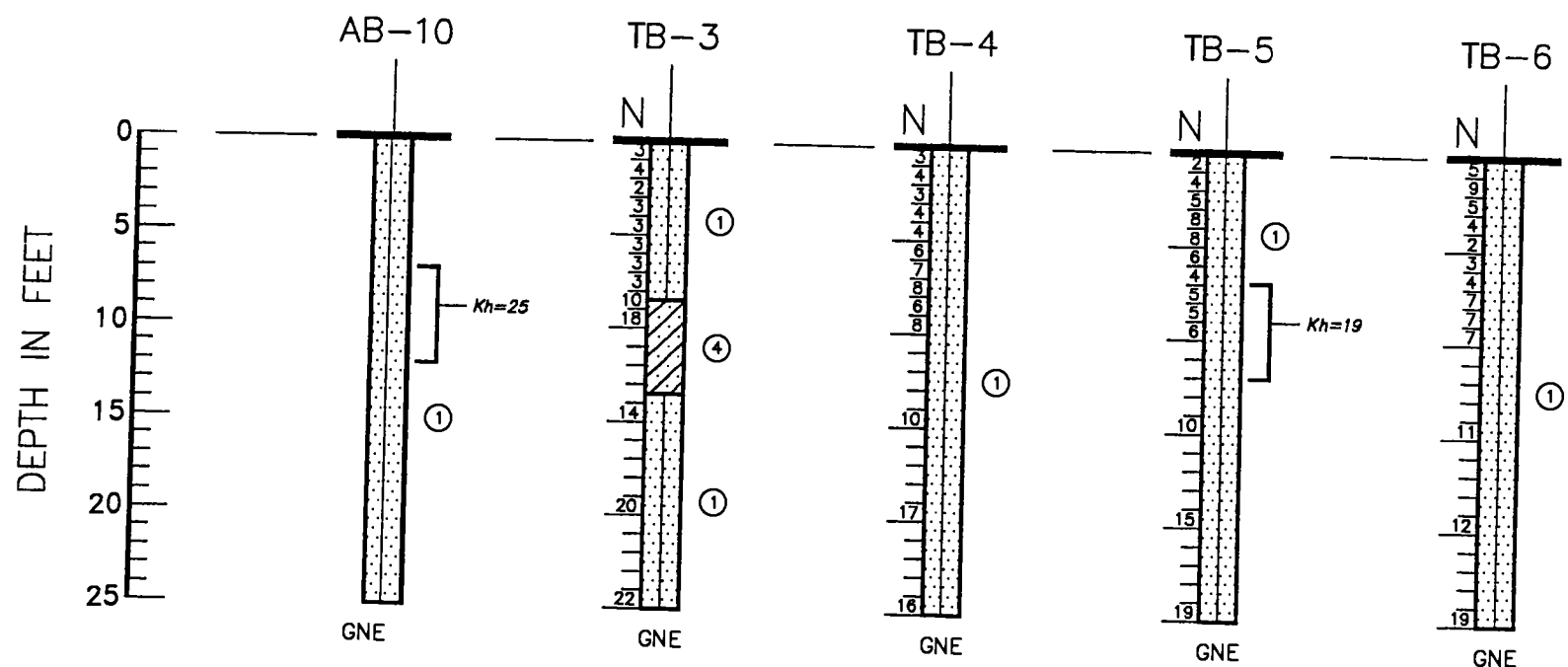
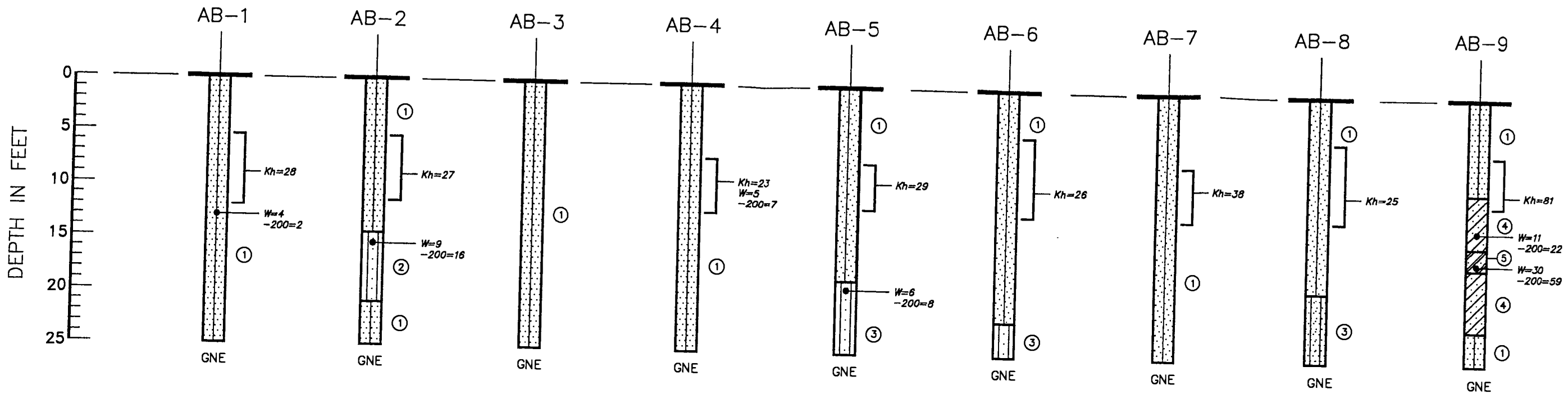
LAKEEF



LEGEND

- LOCATION OF AUGER BORING
- ⊕ LOCATION OF SPT BORING (DRILLED 11/96)

 Andreyev Engineering, Inc.	GEOTECHNICAL INVESTIGATION LAKE LOUISA CLUB LAKE COUNTY, FLORIDA	
	LOCATION PLAN FIGURE 2	
DATE: 4-11-97 ENGINEER: DJR	SCALE: 1"=600' PN: PGT-96-165	



LEGEND

- ① BROWN TO REDDISH BROWN FINE SAND TO FINE SAND WITH SILT (SP) (SP-SM)
- ② REDDISH BROWN SILTY FINE SAND (SM)
- ③ LIGHT BROWN TO REDDISH BROWN FINE TO MEDIUM SAND (SP)
- ④ REDDISH BROWN TO GRAY CLAYEY FINE SAND (SC)
- ⑤ GRAY SANDY CLAY (CH)
- (SP) UNIFIED SOIL CLASSIFICATION GROUP SYMBOL
- N STANDARD PENETRATION RESISTANCE IN BLOWS PER FOOT
- W NATURAL MOISTURE CONTENT, IN PERCENT
- 200 PERCENT OF FINES PASSING THE U.S. No. 200 SIEVE
- Kh HORIZONTAL COEFFICIENT OF PERMEABILITY, IN FEET PER DAY
- GNE GROUNDWATER LEVEL NOT ENCOUNTERED TO MAXIMUM DEPTH OF BORING



**Andreyev
Engineering,
Inc.**

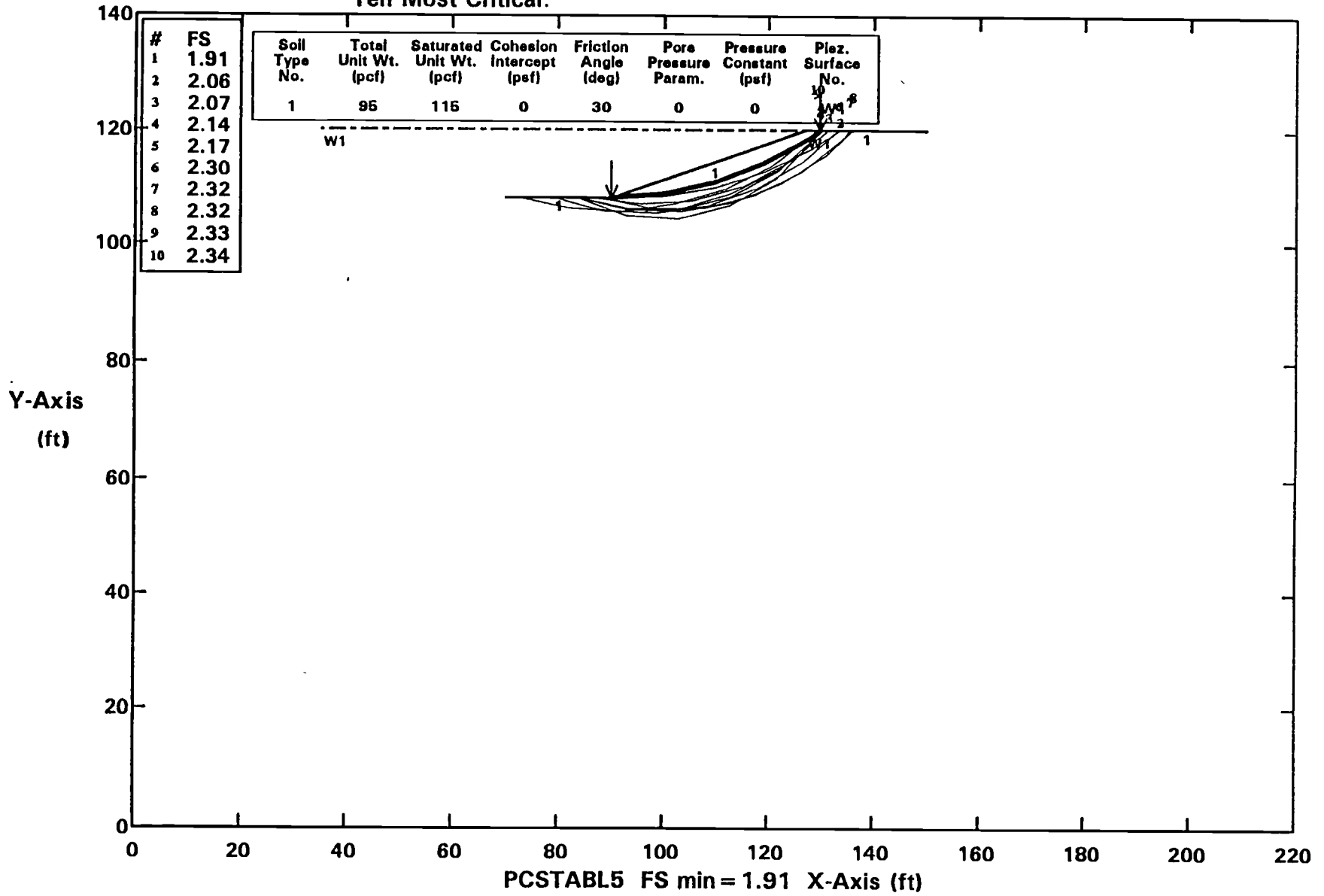
GEOTECHNICAL INVESTIGATION
LAKE LOUISA CLUB
LAKE COUNTY, FLORIDA

DATE: 4-11-97 SCALE: 1"=10'
ENGINEER: DJR PN: PGT-96-165

SOIL PROFILES
FIGURE 3

APPENDIX A

Ten Most Critical.



**GEOTECHNICAL
INVESTIGATION OF
LEGENDS SUDIVISION
Clermont
Lake County, Florida**



Andreyev Engineering, Inc.

SANFORD OFFICE
105 Coastline Road
Sanford, Florida 32771
407-330-7763
Fax: 407-330-7765
Email: ANDENGI@AOL.COM

▼ Groundwater ▼ Environmental ▼ Geotechnical ▼ Construction Materials Testing

July 22, 1998
Project No: TPGT 98-061

TO: Lennar Homes
c/o Farner Barley & Associates, Inc.
350 North Sinclair
Tavares, Florida 32778

Attention: Duane Booth, P.E.

SUBJECT: Geotechnical Investigation of Legends Subdivision, Stormwater Retention Systems,
Clermont, Lake County, Florida

Dear Mr. Booth

As requested, Andreyev Engineering, Inc. (AEI) has completed a geotechnical investigation for the subject site. The following report presents the results of our field and laboratory investigation along with evaluation and recommendations for the proposed site.

SITE LOCATION AND DESCRIPTION

The subject site property is located just south of Clermont on the west side of U.S. 27 across from the KingsRidge Subdivision. We understand that the property will be used for residential development. Approximately twenty (20) stormwater retention areas associated with the proposed development will be located as shown on the attached site plan labeled **Figure 1**.

PURPOSE AND SCOPE OF SERVICES

The purpose of this study was to explore shallow subsurface conditions at the proposed retention areas to determine the suitability for stormwater retention. The field exploration consisted of drilling twenty-five (25) auger borings to depths of 10 to 20 feet within the proposed retention areas. In addition, twenty-one (21) field permeability tests and three (3) laboratory permeability tests were conducted at selected borings in order to measure the hydraulic conductivity of the soils.

Field permeability tests were conducted at selected borings within the proposed retention pond areas to measure the horizontal hydraulic conductivity of the soils. These tests were conducted by installing a screen PVC piezometer in the ground to varying depths between 10 and 20 feet below the ground surface, and conducting a constant head field permeability test, per designation E-19, Earth Manual, 1974. The results of these tests are shown adjacent to the sampled depth interval on Figures 2 & 3.

In order to measure the vertical hydraulic conductivity of the shallow soils within both proposed retention ponds, undisturbed tube sample were extracted from varying depths at borings AB-31, AB-32 and AB-34. The coefficient of permeability was measured in our laboratory using a falling head test. The results of these tests are shown adjacent to the sampled depths on Figure 3.

Samples were recovered from the borings and returned to AEI 's laboratory for visual classification and stratification. Soil strata were classified according to the Unified Soil Classification System. Approximate boring locations are shown on Figure 1 and results of the borings in profile form are presented on Figures 2 & 3. Also shown on Figures 2 & 3 next to the tested depths are the results of the permeability testing. On the profiles, horizontal lines designating the interface between differing materials represent approximate boundaries. The actual transition between layers is typically gradual.

SUBSURFACE CONDITIONS

Five (5) soil strata were identified in the borings. Strata 1 and 2 were the predominant surficial soils extending from the ground surface to the boring termination depths. Stratum 3, slightly clayey to clayey fine sand, was found at varying depths between 5 and 20 foot below ground surface. Stratum 4, slightly silty to silty fine sand, was also found at sporadic depths between 5 and 20 feet below ground surface. Stratum 5, fine sand with dry muck and organic material, was found in borings AB-32 and AB-33 from the ground surface to about 1 foot below ground surface.

Field permeability tests measured the shallow soil hydraulic conductivity at the proposed retention areas. In general, soil hydraulic conductivity measured between 15 and 50 feet per day in the strata 1 and 2 sandy soils, 1 to 4 feet per day in the slightly clayey to clayey soils, and 5 to 12 feet per day

in the slightly silty to silty soils. Results of these tests are shown next to the tested depths and borings on Figure 2 & 3.

The groundwater table was not encountered in any of the borings except AB-18, AB-19, and AB-28 where the ground water levels were encountered at depths of 10, 6, and 10 feet, respectively. However, these water table measurements are believed to be perched groundwater above the Stratum 3 soils, which resulted from the heavy rainfall at the time of measurement. The actual groundwater table at this site is estimated to be well below the termination depths of the borings.

For purposes of design and evaluation of retention area recovery, it can be assumed that the seasonal high groundwater table exists at more than 20 feet below the ground surface. However, at the locations where clayey soils of Stratum 3 are present, the groundwater table should be assumed to occur at about 1.0 foot above the top of Stratum 3.

EVALUATION AND RECOMMENDATIONS

Based on the results of borings, field permeability tests, and laboratory permeability tests, we conclude that the site is suitable for construction and long-term performance of dry stormwater retention systems. Adequate separation between the bottom of the proposed ponds and the groundwater table should not be a problem, except for possible groundwater conditions. The well-drained and, highly permeable nature of the surficial soils, and deep ground water table should be well suited for dry stormwater retention areas. However, temporary perching is expected to occur above the Stratum 3 clayey soils.

To mitigate potential negative impact of perched groundwater conditions, it is recommended that the Stratum 3 clayey soils be excavated from beneath the pond bottom to allow a hydraulic connection to deeper more permeable soils below. Provided that an effective hydraulic connection is made to the lower permeable soil, the pond will operate under true groundwater levels and not perched conditions.

For analysis and design purposes the following aquifer characteristics should be used. These aquifer characteristics were determined from the results of the field and laboratory investigations:

Boring	Bottom of Aquifer *(ft) Without Excavation of Stratum 3	Bottom of Aquifer*(ft) With Excavation of Stratum 3	Estimated Perched Wet Season GWT *(ft)	Estimated Normal Seasonal High GWT *(ft)	Kh** (ft/day)	Kv** (ft/day)
AB-10	15		20	20	-	
AB-11	15		20	20	43	
AB-12	14	20	13.5	20	-	
AB-13	10		20	20	33	
AB-14	7	15	6	20	50	
AB-15	15		15	20	31	
AB-16	15		15	20	20	
AB-17	11	20	10	20	-	
AB-18	11.5	15	10.5	20	32	
AB-19	10	15	9	20	19	
AB-20	13	13	12	20	15	
AB-21	8	N/A	7	20	-	
AB-22	6.5	N/A	5.5	20	-	
AB-23	20		20	20	28	
AB-24	10		10	20	42	
AB-25	15		15	20	40	
AB-26	16	20	15	20	44	
AB-27	20		20	20	26	
AB-28	12	15	11	20	24	
AB-29	8	20	7	20	14	
AB-30	8	20	7	20	7	
AB-30	8	20	7	20	20	
AB-31	6	15	5	20	26	
AB-31	6	15	5	20	4	
AB-31	6	15	5	20		12
AB-32	7	10	6	20	23	
AB-32	7	10	6	20		15
AB-33	13	15	12	20	-	
AB-34	7	15	6	20	5	
AB-34	7	15	6	20		31

*-depth below existing ground surface

** - See depth of tests and test intervals on soil profiles, Figures 2 & 3.

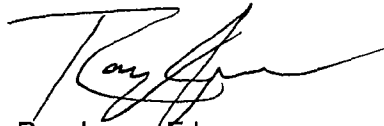
Specific Recommendations for the ponds corresponding to borings AB-14, AB-31, and AB-32 are as follows. Clayey material in the vicinity of AB-31 should be excavated from 6 to 12 feet below ground surface and replaced with clean fine sand. In the vicinity of AB-14, the clayey material should be excavated from 7 to 10 feet below ground surface and replaced with clean fine sand. Also, in order to provide effective infiltration in the area of AB-32, the clayey material and muck material should be over-excavated from ground surface to 6 foot below ground surface.

CLOSURE

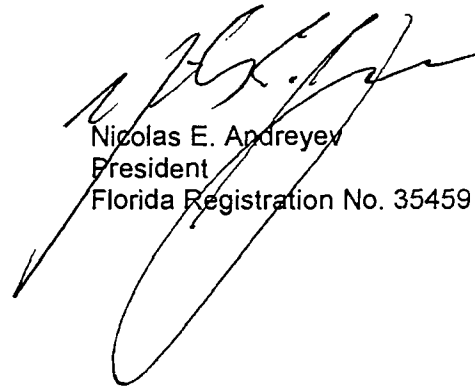
AEI appreciates the opportunity to participate in this project, and we trust that the information herein is sufficient for your immediate needs. If you have any questions or comments concerning the contents of this report, please do not hesitate to contact the undersigned.

Sincerely,

ANDREYEV ENGINEERING, INC.

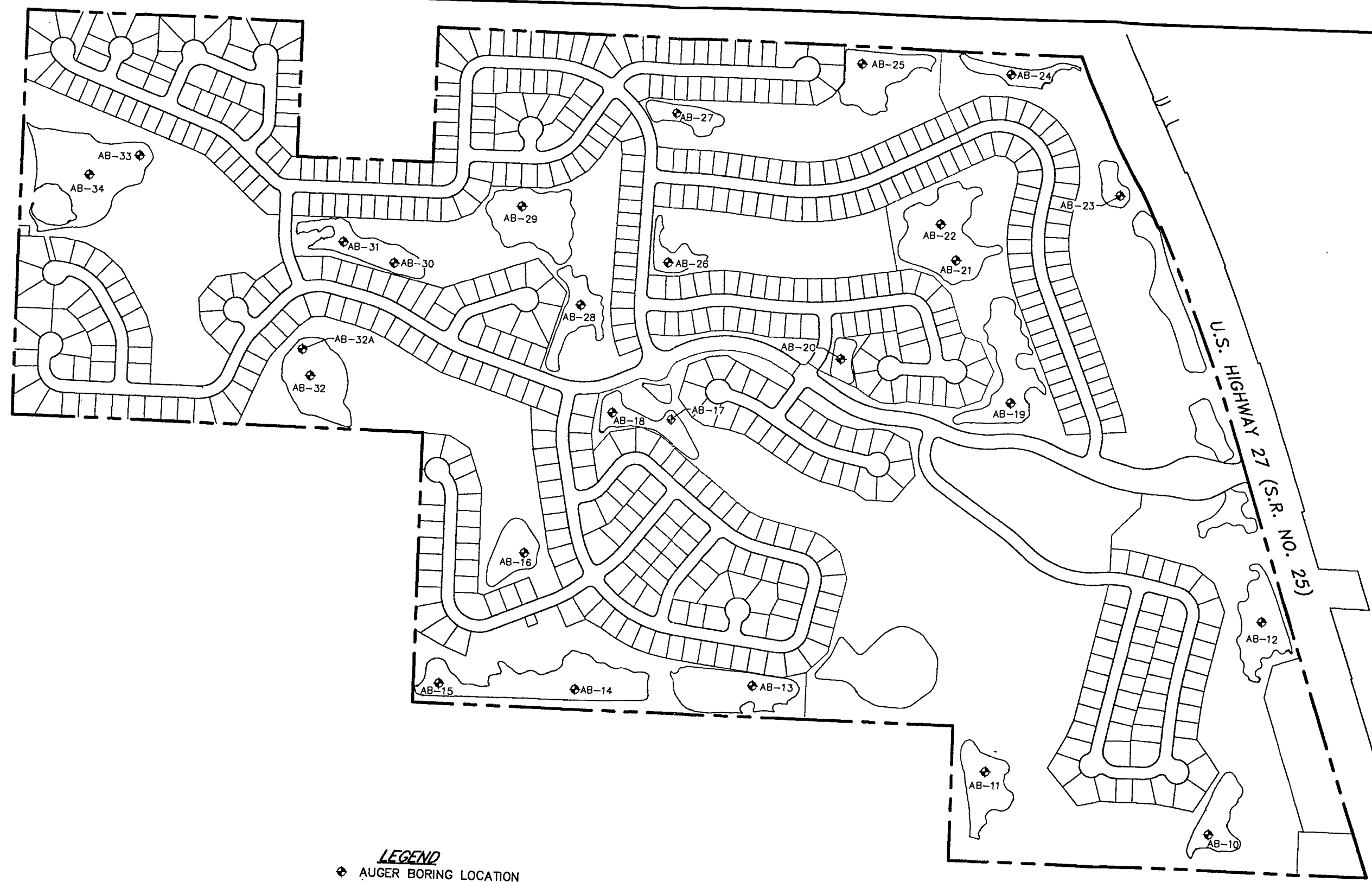


Ray Jones, E.I.
Project Engineer
Tavares Office



Nicolas E. Andreyev
President
Florida Registration No. 35459

FIGURES



LEGEND
◆ AUGER BORING LOCATION



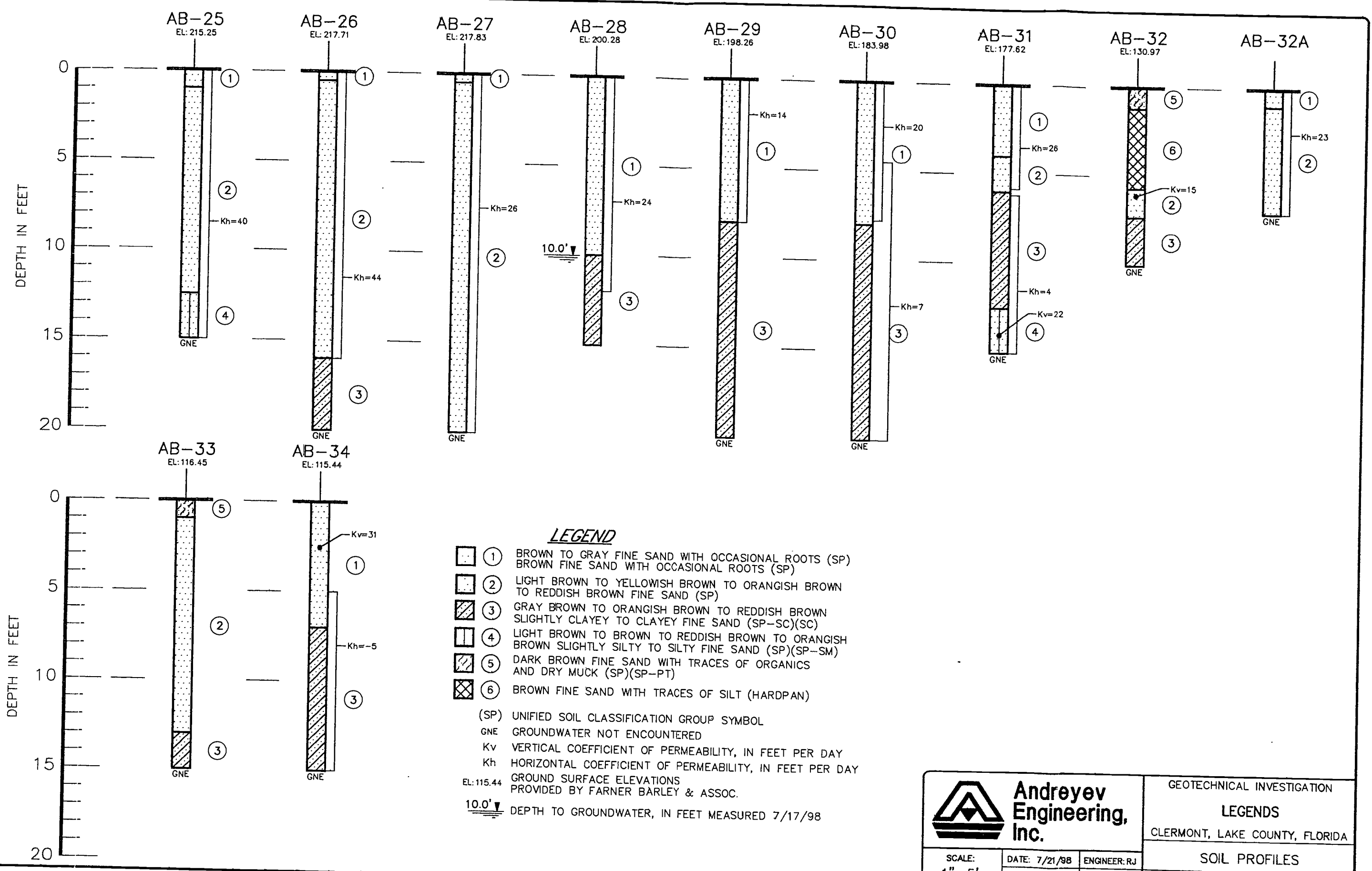
**Andreyev
Engineering,
Inc.**

SCALE:
1" = 500'

DATE: 7/22/98
PN: TPGT-98-081

ENGINEER: RJ
DRAWN BY: MK

GEOTECHNICAL INVESTIGATION
LEGENDS
CLERMONT, LAKE COUNTY, FLORIDA
SITE PLAN
FIGURE 1



LEGEND

- ① BROWN TO GRAY FINE SAND WITH OCCASIONAL ROOTS (SP)
BROWN FINE SAND WITH OCCASIONAL ROOTS (SP)
- ② LIGHT BROWN TO YELLOWISH BROWN TO ORANGISH BROWN TO REDDISH BROWN FINE SAND (SP)
- ③ GRAY BROWN TO ORANGISH BROWN TO REDDISH BROWN SLIGHTLY CLAYEY TO CLAYEY FINE SAND (SP-SC)(SC)
- ④ LIGHT BROWN TO BROWN TO REDDISH BROWN TO ORANGISH BROWN SLIGHTLY SILTY TO SILTY FINE SAND (SP)(SP-SM)
- ⑤ DARK BROWN FINE SAND WITH TRACES OF ORGANICS AND DRY MUCK (SP)(SP-PT)
- ⑥ BROWN FINE SAND WITH TRACES OF SILT (HARDPAN)

(SP) UNIFIED SOIL CLASSIFICATION GROUP SYMBOL
 GNE GROUNDWATER NOT ENCOUNTERED
 Kv VERTICAL COEFFICIENT OF PERMEABILITY, IN FEET PER DAY
 Kh HORIZONTAL COEFFICIENT OF PERMEABILITY, IN FEET PER DAY
 EL: 115.44 GROUND SURFACE ELEVATIONS PROVIDED BY FARNER BARLEY & ASSOC.
 10.0' ▽ DEPTH TO GROUNDWATER, IN FEET MEASURED 7/17/98

		GEOTECHNICAL INVESTIGATION LEGENDS CLERMONT, LAKE COUNTY, FLORIDA	
		SOIL PROFILES FIGURE 3	
SCALE: 1" = 5'	DATE: 7/21/98 PN: TPGT-98-061	ENGINEER: RJ DRAWN BY: MK	



Andreyev Engineering, Inc.

TAVARES OFFICE
107 W. Main St., Suite B
Tavares, Florida 32778
352-742-9622
Fax: 352-742-9623
Email: ANDENGI@AOL.COM

▼ Groundwater ▼ Environmental ▼ Geotechnical ▼ Construction Materials Testing

July 28, 1998

Mr. Duane Booth
FARNER-BARLEY & ASSOCIATES
350 North Sinclair Ave.
Tavares, FL 32778

Re: Legends Subdivision, Clermont, Lake County, FL

Dear Duane,

Per our conversation, the bottom of aquifer for Boring AB-19 without excavation of Stratum 3 should be set at 6 feet below ground surface.

It is understood that the pond bottom will be set at 8 feet below the existing ground surface. Due to the low permeability Stratum 3 soils encountered, we recommend over-excavating the clayey material to a depth of 11 feet below ground surface and replacing it with clean fine sand. This should provide adequate buffer between the pond bottom and the Stratum 3 soils.

Further, our field permeability test was conducted from ground surface to a depth of 9.5 feet and the horizontal hydraulic conductivity measured 19 feet per day.

If you have any questions or if I may be of any further assistance, please do not hesitate to call.

Sincerely,

ANDREYEV ENGINEERING, INC.



Ray Jones, E.I.
Project Manager

RJ/mls