

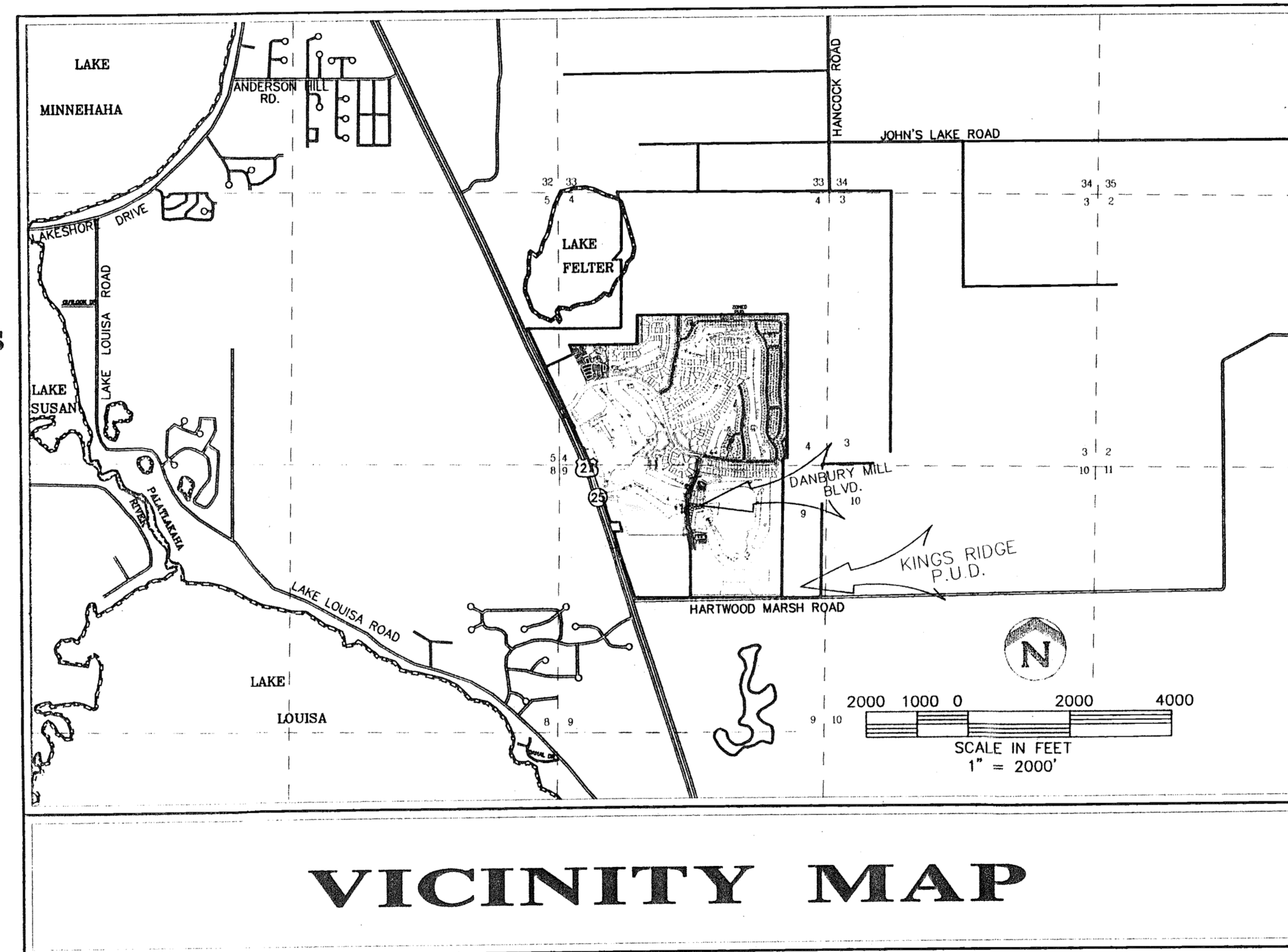
PLANS FOR CONSTRUCTION DANBURY MILL BOULEVARD AT KING'S RIDGE A Planned Unit Development Lake County, Florida

Owner / Developer:

LENNAR ACTIVE ADULT COMMUNITIES
7600 Nob Hill Rd.
Tamarac, FL 33321
(954) 722-0121

Engineer/Planner:

FARNER, BARLEY & ASSOC., INC.
350 North Sinclair Avenue
Tavares, FL 32778
(352) 343-8481
ROBERT E. FARNER, P.E.



VICINITY MAP

LEGAL DESCRIPTION

DANBURY MILL BOULEVARD

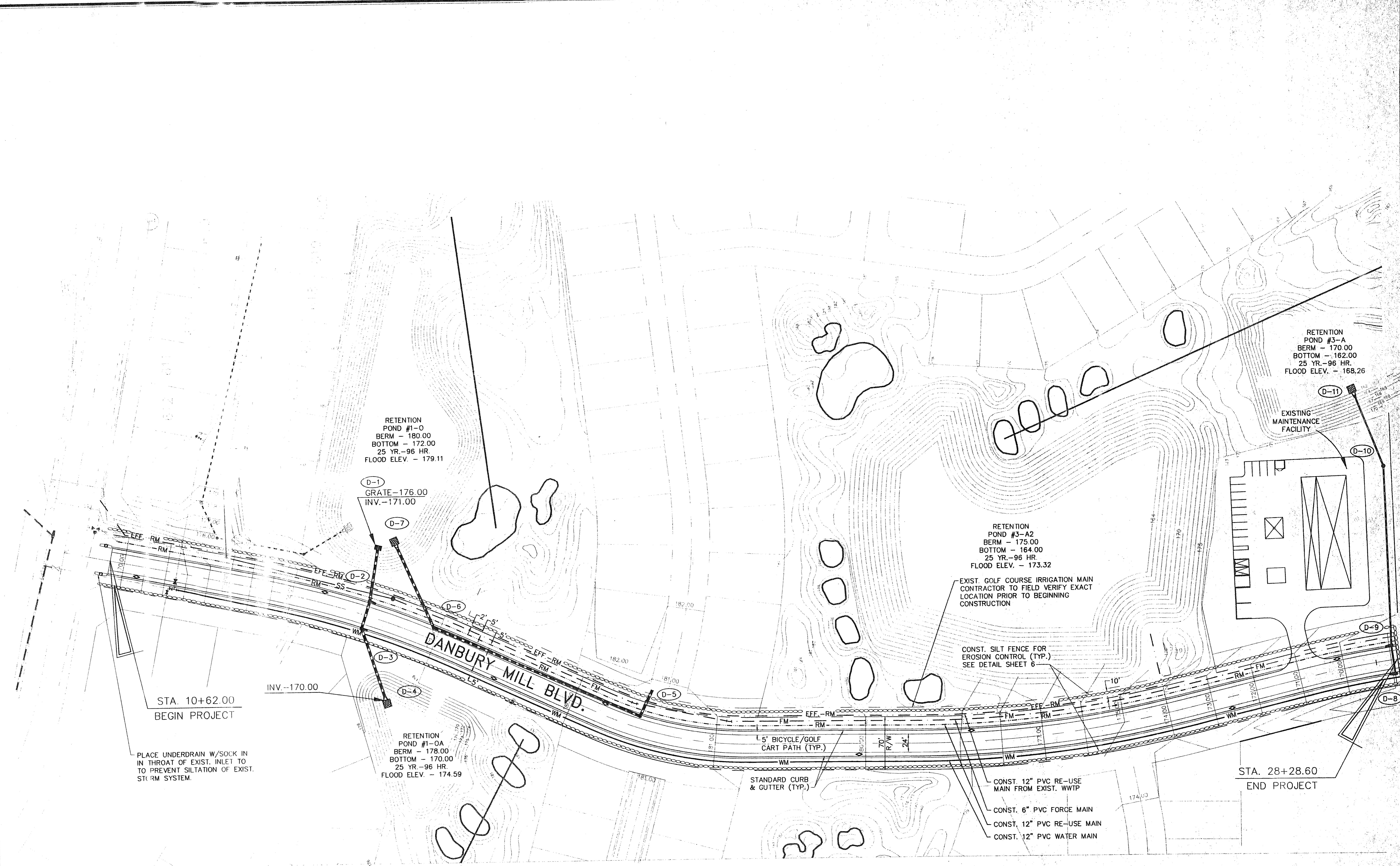
COMMENCE AT THE INTERSECTION OF THE NORTHERLY LINE OF TRACT "B" AND THE SOUTHEASTERLY LINE OF KING'S RIDGE BOULEVARD ACCORDING TO THE PLAT OF SOUTH HAMPTON AT KING'S RIDGE AS RECORDED IN PLAT BOOK 38, PAGES 47 AND 48, PUBLIC RECORDS OF LAKE COUNTY, FLORIDA; SAID POINT BEING ON A CURVE CONCAVE NORTHEASTERLY AND HAVING A RADIUS OF 535.00 FEET TO WHICH A RADIAL LINE BEARS S42°15'30"W; THENCE ALONG THE NORTHERLY LINE OF TRACT "B" RUN SOUTHEASTERLY 289.78 FEET; ALONG THE ARC THEREOF THROUGH A CENTRAL ANGLE OF 31°02'02" TO THE END OF SAID CURVE; THENCE S78°46'32"E 114.74 FEET TO THE POINT OF BEGINNING; SAID POINT BEING THE BEGINNING OF A CURVE CONCAVE SOUTHWESTERLY AND HAVING A RADIUS OF 25.00 FEET; THENCE RUN SOUTHEASTERLY 39.27 FEET ALONG THE ARC THEREOF THROUGH A CENTRAL ANGLE OF 90°00'00" TO THE END OF SAID CURVE; THENCE ALONG THE EASTERLY LINE OF TRACT "B" RUN S11°13'28"W 202.68 FEET TO THE BEGINNING OF A CURVE CONCAVE WESTERLY AND HAVING A RADIUS OF 1185.00 FEET; THENCE SOUTHERLY 277.97 FEET ALONG THE ARC THEREOF THROUGH A CENTRAL ANGLE OF 13°26'24" TO THE END OF SAID CURVE; THENCE S24°39'52"W 198.54 FEET TO THE BEGINNING OF A CURVE CONCAVE EASTERLY AND HAVING A RADIUS OF 515.00 FEET; THENCE SOUTHERLY 218.95 FEET ALONG THE ARC THEREOF THROUGH A CENTRAL ANGLE OF 24°21'33" TO THE END OF SAID CURVE; THENCE S00°18'19"W 224.74 FEET TO THE BEGINNING OF A CURVE CONCAVE EASTERLY AND HAVING A RADIUS OF 1515.00 FEET; THENCE SOUTHERLY 371.76 FEET ALONG THE ARC THEREOF THROUGH A CENTRAL ANGLE OF 14°03'34" TO THE END OF SAID CURVE; THENCE S13°45'13"E 171.01 FEET TO THE BEGINNING OF A CURVE CONCAVE WESTERLY AND HAVING A RADIUS OF 1185.00 FEET; THENCE SOUTHEASTERLY 114.83 FEET ALONG THE ARC THEREOF THROUGH A CENTRAL ANGLE OF 05°33'08"; THENCE DEPARTING SAID CURVE ALONG A RADIAL LINE RUN N81°47'54"E 70.00 FEET TO A POINT ON A CURVE CONCAVE WESTERLY AND HAVING A RADIUS OF 1255.00 FEET; THENCE RUN NORTHWESTERLY 121.61 FEET ALONG THE ARC THEREOF THROUGH A CENTRAL ANGLE OF 05°33'08" TO THE END OF SAID CURVE; THENCE N13°45'13"W 171.01 FEET TO THE BEGINNING OF A CURVE CONCAVE EASTERLY AND HAVING A RADIUS OF 1445.00 FEET; THENCE NORTHERLY 354.58 FEET ALONG THE ARC THEREOF THROUGH A CENTRAL ANGLE OF 14°03'34" TO THE END OF SAID CURVE; THENCE N00°18'19"E 224.74 FEET TO THE BEGINNING OF A CURVE CONCAVE EASTERLY AND HAVING A RADIUS OF 445.00 FEET; THENCE NORTHERLY 189.19 FEET ALONG THE ARC THEREOF THROUGH A CENTRAL ANGLE OF 24°21'33" TO THE END OF SAID CURVE; THENCE N24°39'52"E 198.54 FEET TO THE BEGINNING OF A CURVE CONCAVE WESTERLY AND HAVING A RADIUS OF 1255.00 FEET; THENCE NORTHERLY 294.39 FEET ALONG THE ARC THEREOF THROUGH A CENTRAL ANGLE OF 13°26'24" TO THE END OF SAID CURVE; THENCE N11°13'28"E 202.68 FEET TO THE BEGINNING OF A CURVE CONCAVE SOUTHEASTERLY AND HAVING A RADIUS OF 25.00 FEET; THENCE NORTHEASTERLY 39.27 FEET ALONG THE ARC THEREOF THROUGH A CENTRAL ANGLE OF 90°00'00" TO THE POINT OF CUSP; THENCE ALONG A TANGENT LINE RUN N78°46'32"W 120.00 FEET TO THE POINT OF BEGINNING.

Index Of Sheets

1. COVER SHEET
2. MASTER PLAN
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5. PLAN and PROFILE - DANBURY MILL BLVD.
6. PAVING and DRAINAGE DETAIL SHEET
7. SANITARY SEWER DETAIL SHEET
8. WATER DISTRIBUTION DETAIL SHEET

RECEIVED
JUN 17 1997
4-069-0326 AMB-EXP
ORLANDO
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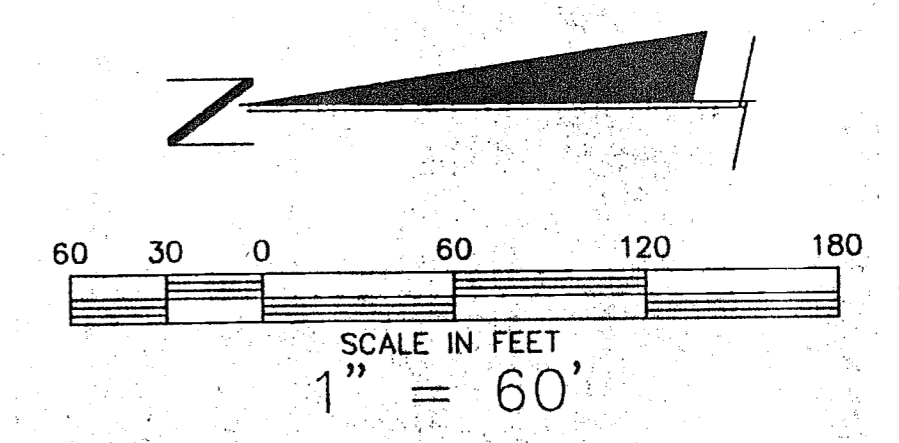


STA. 10+62.00
BEGIN PROJECT

PLACE UNDERDRAIN W/SOCK IN
IN THROAT OF EXIST. INLET TO
TO PREVENT SILTATION OF EXIST.
STORM SYSTEM.

STA. 28+28.60
END PROJECT

LEGEND	
---	C/L DANBURY MILL BLVD.
---	R/W LINE
---	12" REUSE MAIN
---	12" EFFLUENT REUSE MAIN FROM WATER PLANT
---	6" FORCE MAIN
---	8" GRAVITY MAIN
---	12" POTABLE WATER MAIN
---	SILT FENCE



RECEIVED
JUN 17 1997

PDS
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REVISIONS	DATE

ENGINEERS
SURVEYORS
PLANNERS

**FARNER
BARLEY**
AND ASSOCIATES, INC.

350 North Sinclair Avenue O Tavares, Florida 32778 O (352) 343-8481

**DANBURY MILL BOULEVARD
MASTER PLAN**

DATE: 5-5-97
JOB NO. 941216.045
DWG. NO. MASTER
F.B. PG.
DRAWN BY: DM
CHKD BY: KK

SHT. 2 OF 8

JUN 11 1997

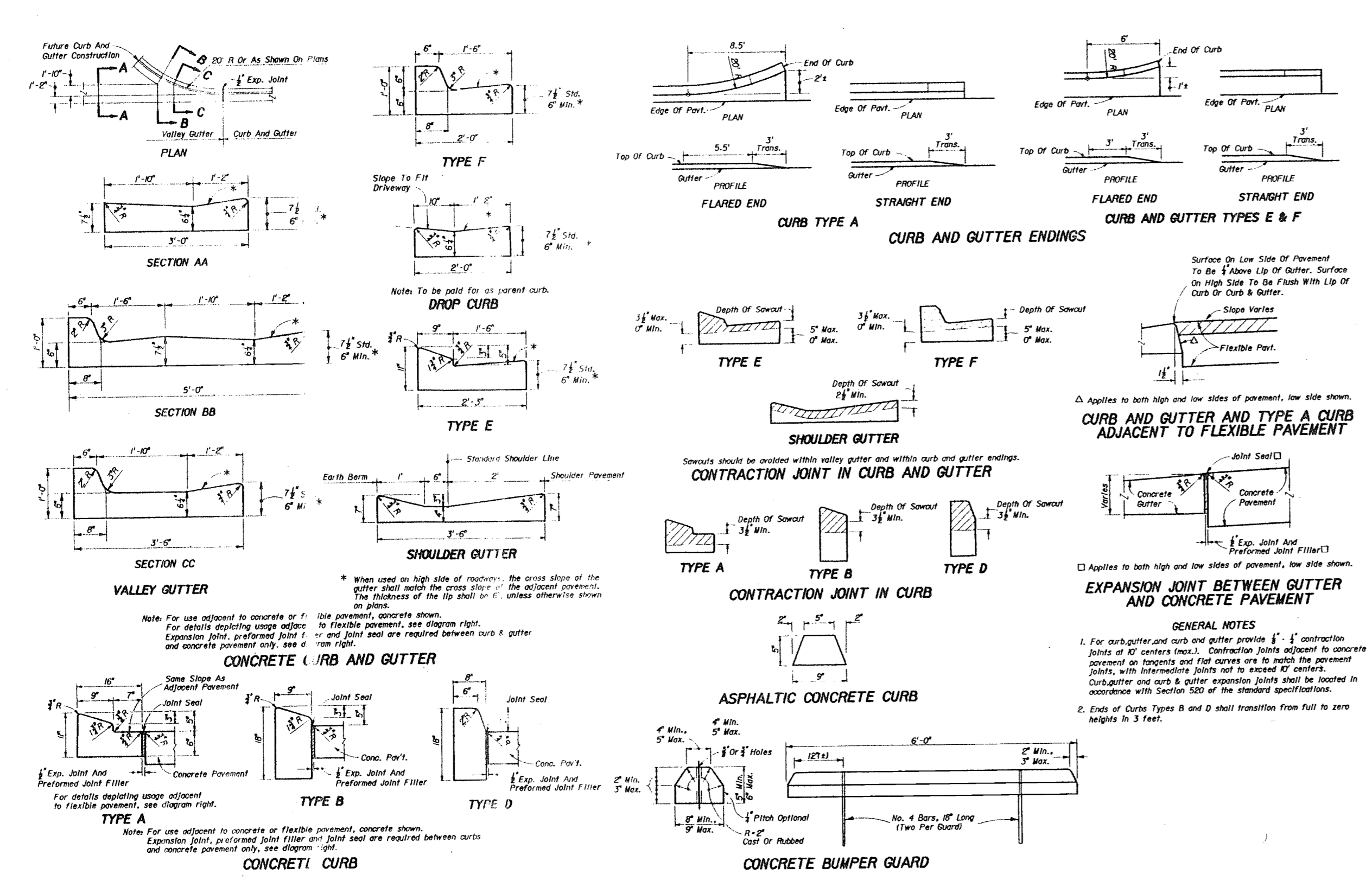
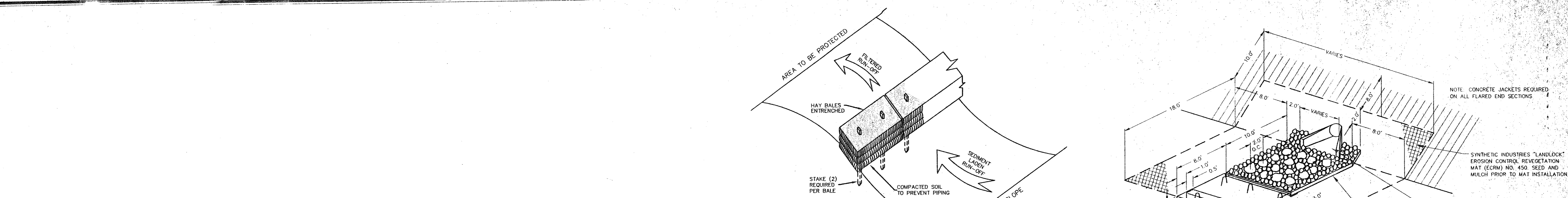
DATE	REVISIONS

ENGINEERS SURVEYORS PLANNERS

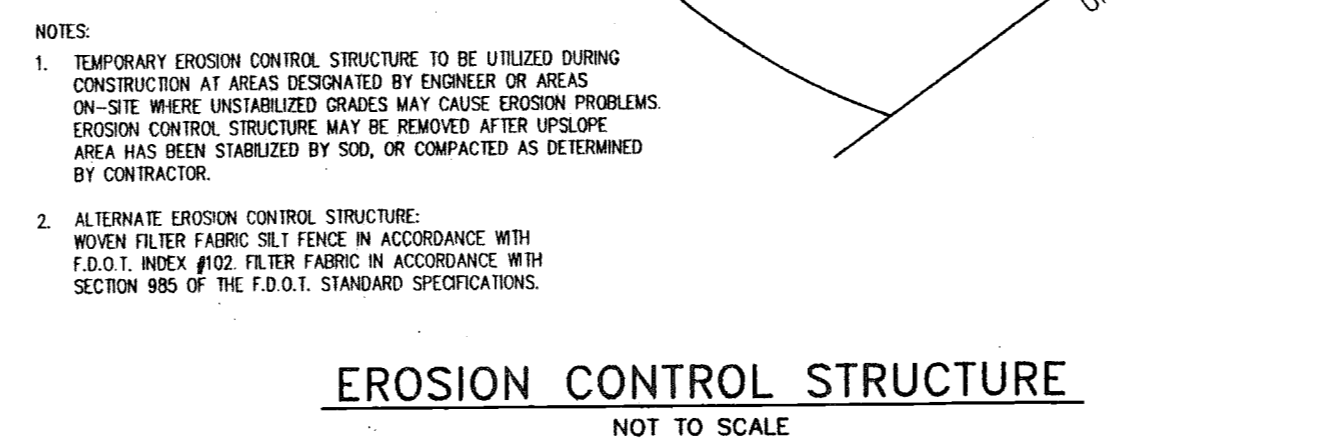
FARNER BARLEY AND ASSOCIATES, INC.
350 North S. Main Street
Tallahassee, Florida 32301

PAVING AND DRAINAGE DETAIL SHEET

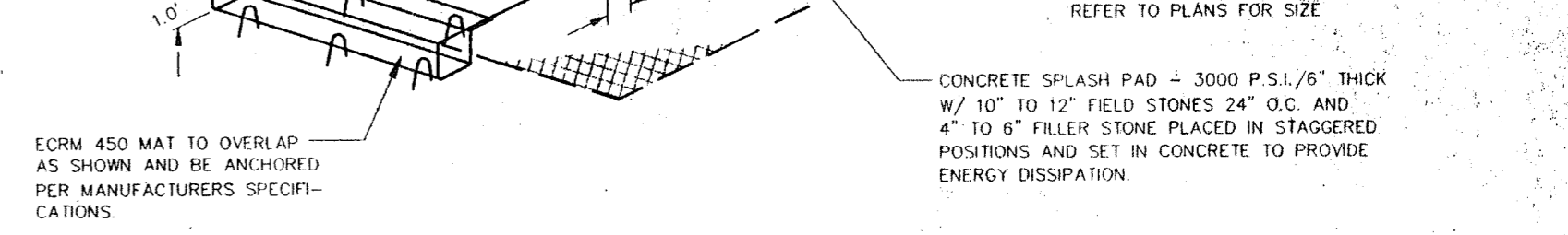
DATE: 5-13-97
JOB NO.: 941216.045
DWG. NO.: P-DETAIL
F.B.: PG.
DRAWN BY: DM
CHKD BY: KK
SHT. 6 OF 8



CURB AND CURB & GUTTER
F.D.O.T. INDEX NO. 300



EROSION CONTROL STRUCTURE
NOT TO SCALE



FLARED END w/ SPLASH PAD

THE FOLLOWING LIST REPRESENTS A BASIC EROSION AND SEDIMENT CONTROL PROGRAM WHICH IS TO BE IMPLEMENTED TO HELP PREVENT OFF-SITE SEDIMENTATION DURING AND AFTER CONSTRUCTION OF THE PROJECT.

PERMANENT EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AT THE EARLIEST PRACTICAL TIME CONSISTENT WITH GOOD CONSTRUCTION PRACTICES. ONE OF THE FIRST CONSTRUCTION ACTIVITIES SHOULD BE THE PLACEMENT OF PERMANENT AND TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES AROUND THE PERIMETER OF THE PROJECT OR THE INITIAL WORK AREA TO PROTECT THE PROJECT, ADJACENT PROPERTIES AND WATER RESOURCES.

TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE COORDINATED WITH PERMANENT MEASURES TO ASSURE ECONOMICAL, EFFECTIVE AND CONTINUOUS CONTROL THROUGHOUT THE CONSTRUCTION PHASE. TEMPORARY MEASURES SHALL NOT BE CONSTRUCTED FOR EXPEDITIOUS LIFT OF PERMANENT MEASURES.

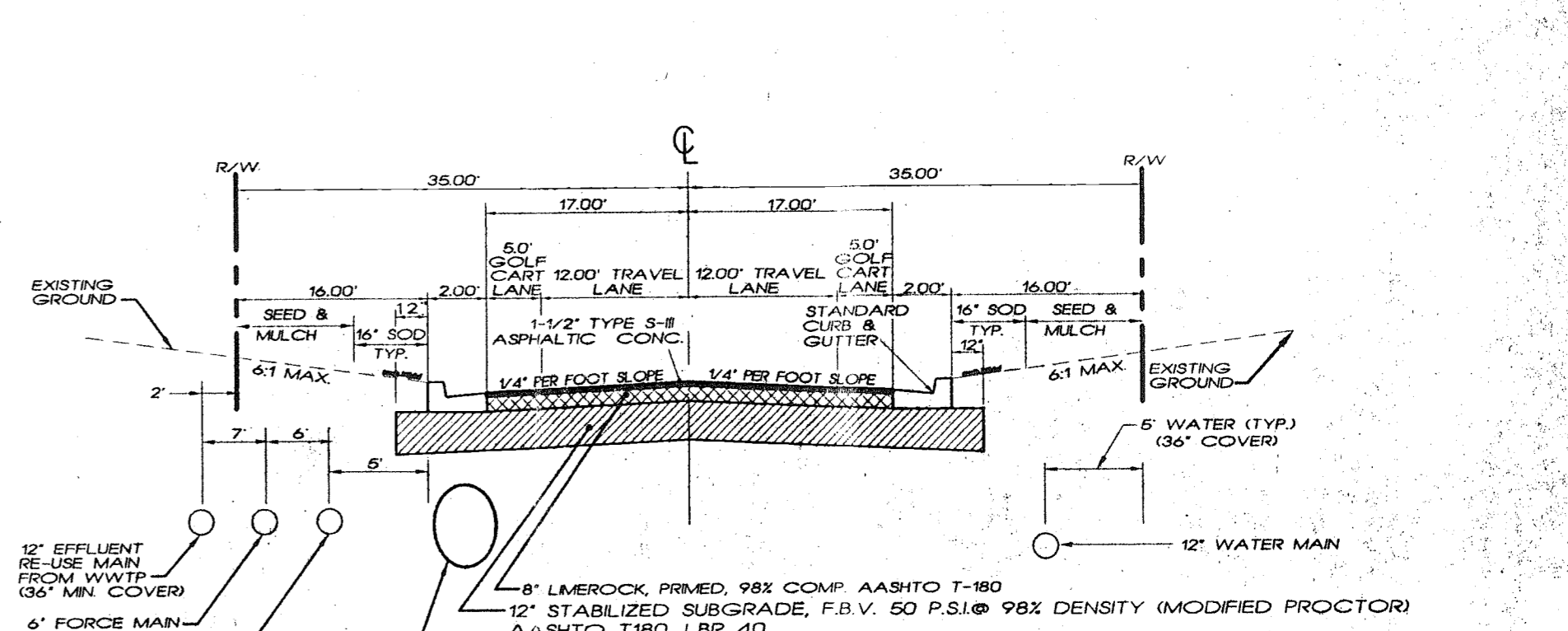
EROSION AND SEDIMENT CONTROL MEASURES SHALL BE ADEQUATELY MAINTAINED TO PERFORM THEIR INTENDED FUNCTION DURING CONSTRUCTION OF THE PROJECT.

NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF BARRIERS SHALL BE ACCOMPLISHED PROMPTLY.

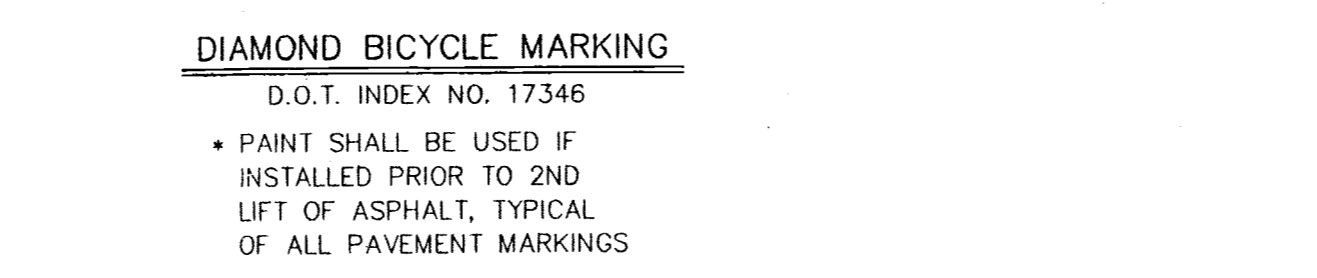
SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RAINFALL. THEY MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHED APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.

TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED TO REMAIN IN PLACE UNTIL PERMANENT MEASURES ARE IN PLACE. MATERIAL FROM SEDIMENT TRAPS SHALL NOT BE STOCKPILED OR DISPOSED OF IN A MANNER WHICH MAKES THEM READILY SUSCEPTIBLE TO BEING WASHED INTO ANY WATERCOURSE BY RUNOFF OR HIGH WATER.

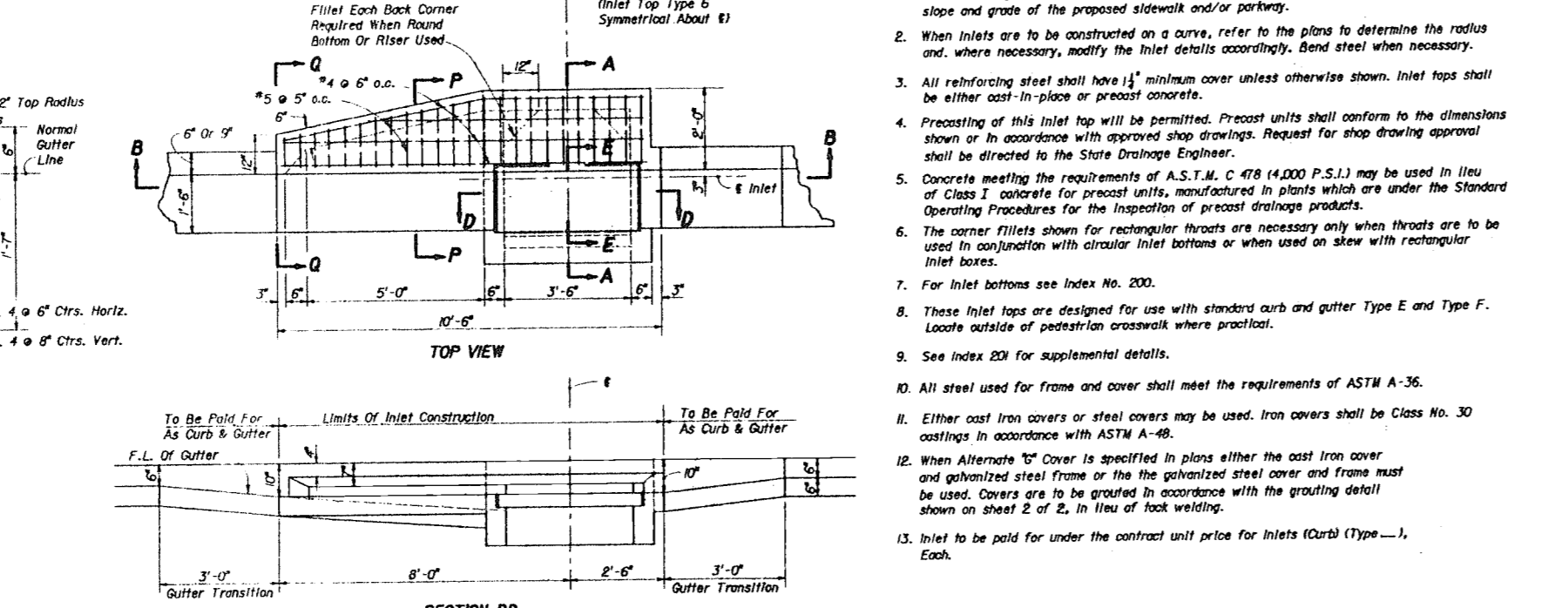
ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE BARRIERS ARE NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEED.



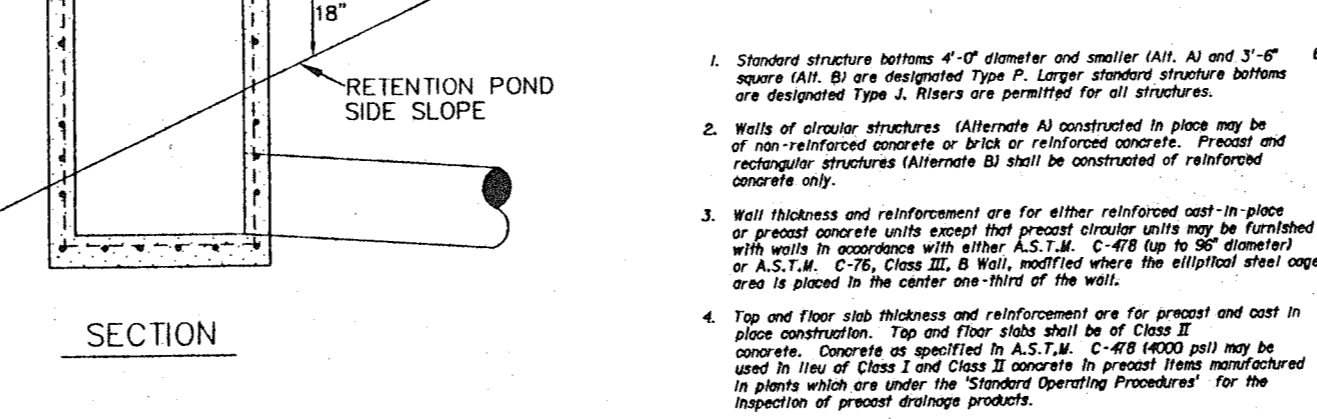
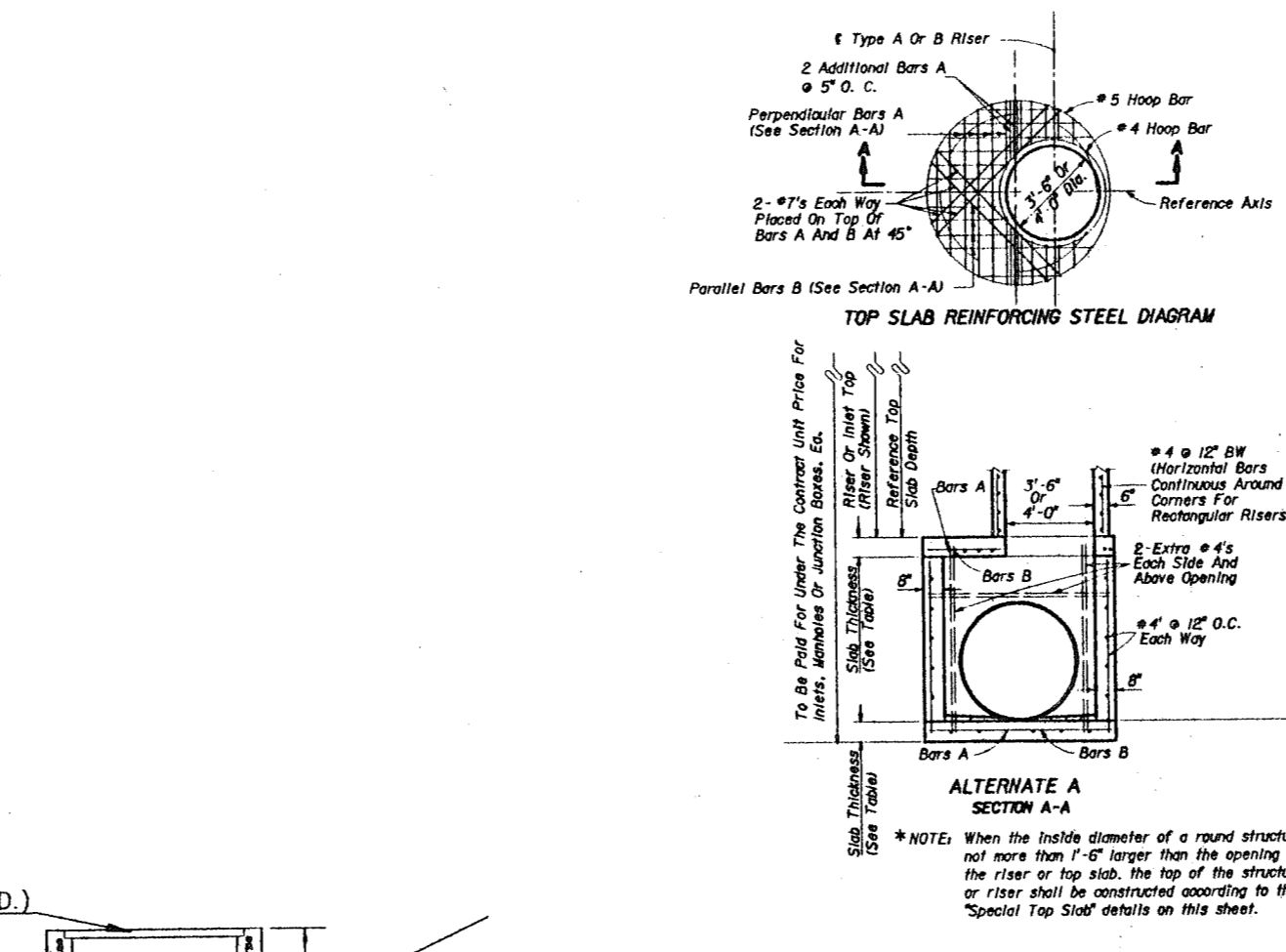
TYPICAL PAVEMENT SECTION
70 FT. R/W



DIAMOND BICYCLE MARKING
D.O.T. INDEX NO. 17346



SKETCHES SHOWING FRAME SEAT AND THROAT RECESS
CURB INLET TOPS, TYPES 5 & 6
F.D.O.T. INDEX NO. 211



STRUCTURE BOTTOMS, TYPES J AND P
F.D.O.T. INDEX NO. 200

GENERAL NOTES

- The finished grade and slope of the inlet top are to conform with the finished ground slope and grade of the proposed sidewalk and/or parking.
- When inlets are to be constructed on a curve, refer to the plan to determine the inlet cut, where necessary, modify the inlet details accordingly. Steel street when necessary.
- All reinforcing steel shall have a minimum cover unless otherwise shown. Inlet tops shall be either cast-in-place or precast concrete.
- Preparation of inlet steel top will be per permit. Precast units shall conform to the dimensions shown or in accordance with approved shop drawings. Request for shop drawing approval shall be directed to the State Bridge Engineer.
- Concrete meeting the requirements of A.S.T.M. C 476 (4000 P.S.I.) may be used in lieu of Class I concrete for precast units, manufactured in plants which are under the Standard Operating Procedures for the inspection of precast concrete products.
- The corner fillets shown for rectangular structures are necessary only when inlets are to be used in conjunction with circular inlets because of the stress on steel reinforcement bars.
- For inlet bottoms see Index No. 200.
- These inlet tops are designed for use with standard curb and gutter Type E and Type F. Locate outside of pedestrian crosswalk where practical.
- See index B2 for supplemental details.
- All steel used for frame and cover shall meet the requirements of ASTM A-36.
- Either cast iron covers or steel covers may be used. Iron covers shall be Class No. 30 settings in accordance with ASTM A-48.
- When Alternate 'C' cover is specified in plans either the cast iron cover and galvanized steel frame or the galvanized steel cover and frame shall be used, covers are to be applied in accordance with the grading detail shown on sheet 2 of 2 in lieu of text writing.
- Inlet to be built for under the contract unit price for inlets (Sheet 2 of 2).

GENERAL NOTES (Continued)

- Standard structure bottoms 4'-0" diameter and smaller (Alt. A) and 3'-0" square (Alt. B) are designated Type P. Larger structure bottoms are designated Type J. Notes are provided for all structures.
- Walls of circular structures (Alternate A) constructed in place may be of non-reinforced concrete or brick or reinforced concrete. Precast and rectangular structures (Alternate B) shall be constructed of reinforced concrete only.
- Wall thickness and reinforcement are for either reinforced cast-in-place or precast concrete units except that precast concrete units may be furnished with walls in accordance with either A.S.T.M. C-476 (4000 psi) or A.S.T.M. C-75 (Class B). Note: walls where the circular inlet top are is placed in the center one-third of the wall.
- Top and floor slab thickness and reinforcement are for precast and cast-in-place construction. Top and floor slabs shall be of Class II concrete. Covers are specified in A.S.T.M. C-476 (4000 psi) may be used in lieu of Class I and Class II concrete in precast units manufactured in plants which are under the Standard Operating Procedures for the inspection of precast concrete products.
- All reinforcement shall be A.S.T.M. A65, Grade 60 or 65 ksi welded wire fabric, unless otherwise indicated.
- Structure bottoms may be used in conjunction with curb and gutter Type J, E, S, G, and C, and any concrete or junction box units alternative shown in the plan or other approved drawings. All B structure bottoms may be used in conjunction with curb and gutter Type J, E, S, G, and C. Each inlet shall be reinforced with 2# 5 bars.
- Reinforcing structures may be installed as directed by the Engineer in order to facilitate connections between the structure walls and other sewer pipes. Except where A/C blocks are specifically required, reinforcement top and slab shall be straight embedded.
- All inlet tops shall have a minimum cover unless otherwise shown except for precast alternate units manufactured under A.S.T.M. C-476 (4000 psi) shall be placed in the center one-third of the wall.
- All steel bars shall be of the diameter and spacing shown on drawings. Reinforcement shall be placed in the center one-third of the wall.
- Reinforcing structures shall be topped a minimum of 24" over diameter of inlets.
- All reinforcement shall be A.S.T.M. A65, Grade 60 or 65 ksi welded wire fabric, unless otherwise indicated.
- Structure bottoms may be installed as directed by the Engineer in order to facilitate connections between the structure walls and other sewer pipes. Except where A/C blocks are specifically required, reinforcement top and slab shall be straight embedded.
- All inlet tops shall have a minimum cover unless otherwise shown except for precast alternate units manufactured under A.S.T.M. C-476 (4000 psi) shall be placed in the center one-third of the wall.
- All steel bars shall be of the diameter and spacing shown on drawings. Reinforcement shall be placed in the center one-third of the wall.
- Reinforcing structures shall be topped a minimum of 24" over diameter of inlets.
- All reinforcement shall be A.S.T.M. A65, Grade 60 or 65 ksi welded wire fabric, unless otherwise indicated.

DATE: 5-13-97
JOB NO.: 941216.045
DWG. NO.: P-DETAIL
F.B.: PG.
DRAWN BY: DM
CHKD BY: KK
SHT. 6 OF 8