

# Technical Staff Report 1729

# ERP TECHNICAL STAFF REPORT ROUTING SHEET

APP. NO. 40-069-0196AM-ERP

BOARD: N/A

(or) 28TH DAY: 11-12-97

PROJECT NAME: Danbury Mill Blvd. Extension at King Ridge

REVIEWERS: Aboodi / Prynoski

FILE NAME: I:\DATA\ALEX TSR4\Danbury.TSR

ASSOC. PERMIT N/A

REVIEW AND ROUTING HISTORY	INITIALS AND DATE	
	RECEIVED	FORWARDED
REVIEWING ENGINEER	11-11-97	11-11-97
REVIEWING ES	_____	_____
OTHER STAFF (Specify)	_____	_____
SUPERVISING ES	11/11/97	11/12/97
SUPERVISING ENGINEER	11/11/97	11/11/97
SERVICE CENTER DIRECTOR	11/12/97	11/12/97
SERVICE CENTER TYPING REVISIONS	11/13/97	11/13/97
SENT TO PALATKA BY SC RECORDS OR 40C-40, 400 PERMIT ISSUED	_____	_____

(Check below when designated review is necessary)

- LEGAL (Specify) \_\_\_\_\_
- DIV. DIRECTOR/SURFACE WATER MGT. \_\_\_\_\_
- DIV. DIRECTOR/ENV. RES. MGT. \_\_\_\_\_
- OTHER (Specify) \_\_\_\_\_

DEPT. DIRECTOR/ASST. DEPT. DIRECTOR \_\_\_\_\_

- |                           |                                      |                                      |   |
|---------------------------|--------------------------------------|--------------------------------------|---|
| EXHIBITS(other than maps) | YES                                  | <input checked="" type="radio"/> NO  | <b>APPROVAL</b><br>DENIAL (SUB) (40C-1.605) |
| SUPPLEMENTAL DATA         | YES                                  | <input checked="" type="radio"/> NO  |   |
| MAPS                      | YES                                  | <input checked="" type="radio"/> NO  |   |
| LETTERS OF CONCERN        | YES                                  | <input checked="" type="radio"/> NO  |   |
| SITE INSPECTION REP       | <input checked="" type="radio"/> YES | NO (See previous permit file)        |   |
| SSL AUTHORIZATION         | YES                                  | <input checked="" type="radio"/> N/A |   |

NO WETLANDS

#2

Received: 10-15-97 21st Day: 11/5/97 28th Day: 11/12/97

**STANDARD GENERAL ENVIRONMENTAL RESOURCE PERMIT  
TECHNICAL STAFF REPORT**

**General Permit Application Number: 40-069-0196AM-ERP**

**PROJECT NAME: Danbury Mill Blvd. Extension at King Ridge**

**Applicant: Lennar Active Adult Communities**  
Attention: Robert Ahrens  
7600 Nob Hill  
Tamarac, Florida 33321

**Agent: Same As Applicant**

**Consultant(s): Farmer Barley & Associates, Inc.**  
Atten: Duane Booth, P.E  
350 North Sinclair Avenue  
avares FL 32778

**Section: 9 Township: 23 S Range: 26 E**  
**Acres Owned: 430 Project Acreage: 1.633**

**MSSW/ERP Authority: 373 F.S.; 40C-4.041(2)(b)2., and 40C-40, F.A.C.**

**Existing Land Use: Abandoned grove**

**Hydrologic Basin(s) 7A**

**Receiving Water Body: Hancock Bays Class: III**

**Easements/Restrictions: N/A**

**Operation & Maintenance Entity: Owner**

**O&M Documents Submitted and Reviewed** Y  N  N/A   
**Correct Fee Submitted** Y  N  N/A

**MSSW/ERP AUTHORIZATION STATEMENT:**

A permit authorizing:

- Alteration       Operation     Maintenance       Modification
- Re-Issuance       Removal       Abandonment
- Construction & Operation       Modification & Operation

of a surface water management system for construction of a 1.633-acre road within the King Ridge P.U.D. The surface water management system includes 1.633 acres of road, with discharge to an existing dry retention pond.

**TYPE OF DEVELOPMENT:**

(Check all applicable)

- Residential -
  - Single(1)
  - Multifamily(2)
- Recreational(3)
- Commercial(4)
- Industrial(5)
- Agricultural(6)
- Institutional(7)
- Roadway(8)
- Other(9):

**TYPE OF TREATMENT PROPOSED:**

(Check all applicable)

- Retention (1)
- Dry Detention w/Underdrain (2)
- Dry Detention w/Filtration (3)
- Wet Detention w/Filtration (4)
- Exfiltration Trench (5)
- Wet Detention System (6)
- Swales (7)
- Swale with Ditch Block (8)
- Pervious Concrete (9)
- Wetlands (10)
- Alternative (11)
- Other (12):
- Dry Detention (13)

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**LOCATION OF SYSTEM:**

The project is located approximately 3 miles south of Clermont on the east side of US Highway 27, within the King Ridge P.U.D., in Lake County.

**PROJECT HISTORY:**

A stormwater permit #42-069-1062A was issued for Phase I of the Kings Ridge development on June 28, 1995. This permit authorized the construction of a stormwater system consisting of a 17.85-acre project including an entrance road, model homes, and sales center. General surface water management system permit number 40-069-0196A was issued for phase II. Phase II of the project consisted of three dry retention ponds and two existing dry retention ponds (Two depressional areas), and one temporary dry retention pond. Phase III of the project consists of a residential development with 145 lots and 11 holes of golf for a future 18 hole golf course. The surface water management system for phase III includes 299.27 acres of area (38 acres of subdivision and 261.27 of mass grading and 10 retention ponds). Phase four (4) of the project is Wellington subdivision, consisting of 20.16 acres with 96 lots, and approximately 3,155 linear feet of road with the associated surface water collection and conveyance system. The Danbury Mill Blvd is a road within the master drainage system

**ENGINEERING REVIEW:**

The proposed activity is for construction of and extension of the road within the master drainage system. Based on condition number 26 of the previously permitted project ( permit # 4-069-0326AM2-ERP) this project is qualified to obtain a general permit. The runoff will be conveyed to the existing retention pond within the master drainage system and retained on-site.

Staff believes this project, as proposed, is consistent with the objectives and criteria of the District set forth in Chapters 40C-4, 40C-41, and 40C-42, F.A.C.

Pre/Post Peak Rate Attenuation Provided Y  N  N/A   
Pre/Post Volume Attenuation Provided Y  N  N/A   
Mean Annual Storm Attenuation Provided Y  N  N/A   
Recovery Of Water Quality Volume Within Required Time Y  N   
Recovery Of Peak Attenuation Volume Within Required Time Y  N

**Other Engineering Comments:**

The proposed activity is for the construction and extension of the road within the master drainage system known as Danbury Mill Blvd Extension at King Ridge. Based on condition number 26 of the previously permitted project ( permit # 4-069-0326AM2-ERP) this application is qualified to obtain a general permit. The runoff from the road will be conveyed to an existing retention pond, within the master drainage system and will be retained on-site.

Staff believes this project, as proposed, is consistent with the objectives and criteria of the District set forth in Chapters 40C-4, 40C-41, and 40C-42, F.A.C.

**ENVIRONMENTAL REVIEW:**

**Other Environmental Comments:**

The proposed project site consists of a dirt road, currently being used, with adjacent areas vegetated with planted slash pines and a variety of upland grasses. There are no wetlands within the project area.

Staff believes that the proposed project meets all applicable conditions for permit issuance pursuant to sections 40C-4.301, 40C-4.302, and 40C-41, F.A.C.

**Table 1:  
PROJECT WETLAND (WL) AND OTHER SURFACE WATER (SW) SUMMARY**

WL & SW ID	WL & SW TYPE	WL & SW SIZE	W/ & SW NOT IMPACTED	TEMPORARY WL & SW IMPACTS			PERMANENT WL & SW IMPACTS			MITIGATION ID
				WL & SW TYPE	IMPACT SIZE	IMPACT CODE	WL & SW TYPE	IMPACT SIZE	IMPACT CODE	
<b>PROJECT TOTALS:</b>										

**Comments:**

CODES (multiple entries per cell not allowed):  
Wetland Type: from an established wetland classification system (see Section E, IIIb)  
Impact Type: D=dredge; F=fill; H=change hydrology; S=shading; C=clearing; O=other.

**Table 2:  
PROJECT ON-SITE MITIGATION SUMMARY**

MITIGATION ID	CREATION		RESTORATION		ENHANCEMENT		WETLAND PRESERVATION		UPLAND PRESERVATION		OTHER	
	AREA	TARGET TYPE	AREA	TARGET TYPE	AREA	TARGET TYPE	AREA	TARGET TYPE	AREA	TARGET TYPE	AREA	TARGET TYPE
<b>PROJECT TOTALS:</b>												

**Comments:**

CODES (multiple entries per cell not allowed):  
Target Type or Type = target or existing habitat type from an established wetland classification system or land use classification for non-wetland mitigation

Table 3:  
PROJECT OFF-SITE MITIGATION SUMMARY

MITIGATION ID	CREATION		RESTORATION		ENHANCEMENT		WETLAND PRESERVATION		UPLAND PRESERVATION		OTHER	
	AREA	TARGET TYPE	AREA	TARGET TYPE	AREA	TARGET TYPE	AREA	TARGET TYPE	AREA	TARGET TYPE	AREA	TARGET TYPE
<b>PROJECT TOTALS:</b>												

Comments:

CODES (multiple entries per cell not allowed):

Target Type or Type = target or existing habitat type from an established wetland classification system or land use classification for non-wetland mitigation

**CONDITIONS**

**ERP/MSSW STANDARD GENERAL PERMIT NO.: 40-069-0196AM-ERP**

ERP/MSSW General: 1 - 20

ERP/MSSW Special Conditions (November 16, 1995): 1, 4, 10, 13, 28

ERP/MSSW Other Conditions:

- 26. The proposed surface water management system must be constructed and operated in accordance with the plans received by the District on October 15, 1997.

**Forms to be included with permit:**

Completion Forms

Inspection Forms

- EN-44 (Non-registered)
- EN-45 (Registered Professional)

- EN-47 (Non-reg.)
- X EN-46 (Reg. Prof.)
- EN-33 (Karst)
- EN-31 (Littoral Zone)
- Other:

EN-55 (Wetland Monitoring)

**REVIEWERS:** /

**DATE:** Written .  
Revised .  
Revised .  
Revised .



Received: 10-15-97

21st Day: 11-5-97

28th Day: 11-12-97

1st

**STANDARD GENERAL ENVIRONMENTAL RESOURCE PERMIT  
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**Agent:** Same As Applicant

**Consultant(s):** Farner Barley & Associates, Inc.  
Atten: Duane Booth, P.E  
350 North Sinclair Avenue  
avares FL 32778

**Section:** 9                                      **Township:** 23 S                                      **Range:** 26 E  
**Acres Owned:** 430                                      **Project Acreage:** 1.633

**MSSW/ERP Authority:** 373 F.S.; 40C-4.041(2)(b)2., and 40C-40,F.A.C.

**Existing Land Use:** Dirt Road Within the Kings Ridge P.U.D

**Hydrologic Basin(s):** 7A

**Receiving Water Body:** Lake Falter                                      **Class:** III

**Easements/Restrictions:** None.

**Operation & Maintenance Entity:** Homeowner Association

**O&M Documents Submitted and Reviewed**                                      Y x N  N/A   
**Correct Fee Submitted**                                      Y  N  N/A

**MSSW/ERP AUTHORIZATION STATEMENT:**

A permit authorizing:

- Alteration                       Operation    Maintenance                       Modification
- Re-Issuance                       Removal                       Abandonment
- Construction & Operation                       Modification & Operation

of surface water management system for construction of a 1.633-acre road within the King Ridge P.U.D. The surface water management system includes 1.633 acres of road, with an existing dry retention pond. *discharge to*

**TYPE OF DEVELOPMENT:**

(Check all applicable)

- Residential -
  - Single(1)
  - Multifamily(2)
- Recreational(3)
- Commercial(4)
- Industrial(5)
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- Institutional(7)
- Roadway(8)
- Other(9):

**TYPE OF TREATMENT PROPOSED:**

(Check all applicable)

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- Other (12):
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**ENGINEERING REVIEW:**

The proposed activity is for construction of and extension of the road within *of the* master drainage system. Based on ~~the~~ condition number 26 previously permitted project ( permit # 4-069-0326AM2-ERP) this *the* application *project* is qualify to obtain a general permit. The runoff will be conveyed to the existing retention pond within the master drainage system and retain <sup>26</sup> on-site.

Staff believes this project, as proposed, is consistent with the objectives and criteria of the District set forth in Chapters 40C-4, 40C-41, and 40C-42, F.A.C.

Pre/Post Peak Rate Attenuation Provided Y x N  N/A

Pre/Post Volume Attenuation Provided Y x N  N/A

Mean Annual Storm Attenuation Provided Y  N  N/A x

Recovery Of Water Quality Volume Within Required Time Y x N

Recovery Of Peak Attenuation Volume Within Required Time Y x N

**Other Engineering Comments:**

The proposed activity is for the construction and extension of the road within master drainage system known as Danbury Mill Blvd Extension at King Ridge. Based on ~~the~~ condition number 26 <sup>the</sup> previously permitted project ( permit # 4-069-0326AM2-ERP) this application is qualify to obtain a general permit. The runoff from the road will be conveyed to ~~the~~ existing retention pond, within the master drainage system, and retained <sup>of the</sup> on-site. <sub>will be</sub>

Staff believes this project, as proposed, is consistent with the objectives and criteria of the District set forth in Chapters 40C-4, 40C-41, and 40C-42, F.A.C.

**ENVIRONMENTAL REVIEW:**

**Other Environmental Comments:**

The proposed project site consists of a dirt road, currently being used, with adjacent areas vegetated with planted slash pines and a variety of upland grasses. There are no wetlands within the project area.

Staff believes that the proposed project meets all applicable conditions for permit issuance pursuant to sections 40C-4.301, 40C-4.302, and 40C-41, F.A.C.

**Table 1:  
PROJECT WETLAND (WL) AND OTHER SURFACE WATER (SW) SUMMARY**

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				WL & SW TYPE	IMPACT SIZE	IMPACT CODE	WL & SW TYPE	IMPACT SIZE	IMPACT CODE	
N/A										
<b>PROJECT TOTALS:</b>										

Comments: Nowetlands on site

CODES (multiple entries per cell not allowed):  
Wetland Type: from an established wetland classification system (see Section E, IIIb)  
Impact Type: D=dredge; F=fill; H=change hydrology; S=shading; C=clearing; O=other.

**Table 2:  
PROJECT ON-SITE MITIGATION SUMMARY**

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	AREA	TARGET TYPE	AREA	TARGET TYPE	AREA	TARGET TYPE	AREA	TARGET TYPE	AREA	TARGET TYPE	AREA	TARGET TYPE
<b>PROJECT TOTALS:</b>	0											

Comments:

CODES (multiple entries per cell not allowed):  
Target Type or Type = target or existing habitat type from an established wetland classification system or land use classification for non-wetland mitigation

Table 3:  
PROJECT OFF-SITE MITIGATION SUMMARY

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	AREA	TARGET TYPE	AREA	TARGET TYPE	AREA	TARGET TYPE	AREA	TARGET TYPE	AREA	TARGET TYPE	AREA	TARGET TYPE
PROJECT TOTALS:	0											

Comments:

CODES (multiple entries per cell not allowed):

Target Type or Type = target or existing habitat type from an established wetland classification system or land use classification for non-wetland mitigation

**CONDITIONS**  
**ERP/MSSW STANDARD GENERAL PERMIT NO.: 40- 069-0196AM-ERP**

**ERP/MSSW General: 1 - 19**

**ERP/MSSW Special Conditions (November 16, 1995):**

**1, 4, 10, 13, 28**

**ERP/MSSW Other Conditions:**

- The proposed surface water management system must be constructed and operated in accordance with the plans received by the District on October 15, 1997.

**Forms to be included with permit:**

Completion Forms

Inspection Forms

EN-44 (Non-registered)

EN-47 (Non-reg.)

EN-45 (Registered Professional)

EN-46 (Reg. Prof.)

EN-33 (Karst)

EN-31 (Littoral Zone)

Other:

EN-55 (Wetland Monitoring)

**REVIEWERS:** Aboodi / Prynosi

**DATE:** Written .  
Revised .  
Revised .  
Revised .

**PERMIT APPLICATION APPRAISAL FORM - BIOLOGICAL REPORT**

ERP File Number: 40-069-0196AM-ERP

Project Name: Danbury Mill Extension at Kings Ridge County: Lake

Applicant: Lennar Active Adult Communities

Waterbody: Lake Felter Class: III

Outstanding Florida Waterbody (if applicable): n/a

Inspection by: Barbara N. Prynosi Date of Inspection: 10/24/97

Attach photographs and site map indicating photo stations and directions of view. Attach sketches or notes on site plan if needed for clarification of descriptions.

**ERP Project Description (to be used on TSR and permit)**

- Construction and operation of a new system
- Alteration and operation of an existing system not previously permitted by the District
- Modification of a system previously permitted by the District (check one of the boxes below)
- Alteration and operation of an existing system; previous permit number:
- Construction and operation of additional phases of a system; previous permit number: 4-069-0326AM2-ERP
- Removal of a system
- Re-application for permit that has expired
- Abandonment of a system
- Extension of permit prior to expiration

**Project History:**

(pre-application meetings; related permits; previous/existing violations(if they exist))

Danbury Mill Blvd. extension is a 1,016 linear foot road project with an associated stormwater collection and conveyance system. This project is within the Kings Ridge PUD for which a master stormwater plan has been permitted and constructed as part of Phase IV (permit no. 4-069-0326AM2-ERP).

The project is located off Hartwood Marsh Road (which is off the east side of US 27) in Clermont.

**Construction Techniques and Turbidity Controls:**

(if dredging in waters is proposed, describe the sediment characteristics)

No wetlands or surface waters on site.

**Site Biophysical Characteristics**

**Vegetative Community:**

(community description-both uplands and wetlands(assign each wetland an i.d. number for description purposed - see page 4 of form); community types; condition of community; surrounding land use)

No wetlands or surface waters on site.

Uplands consist of an existing dirt road, currently being used, and planted slash pine and upland grasses in adjacent areas to road.

**Site Disturbances:**

(degree and types of existing site disturbances; exotic/nuisance species)

Abandoned citrus grove, now with above vegetative community.

SJRWMD (11/16/92)

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**Hydrologic Characteristics:**  
(current conditions; normal/historical conditions)

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No wetlands or surface waters on site.

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**Wildlife Use:**

(observed or reasonably anticipated (including T or E species); role of site in overall trophic structure of area, including use by man; attach macro-invertebrate assessment (if applies))

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Minimal use. One can anticipate use by seed eaters, open field avian species, reptiles, and small mammals (in the vegetated areas).

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**Water Quality:**

(characterize existing quality, include suspected cause of current problems (if any exist))

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No wetlands or surface waters on site.

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**Wetland Impact/Mitigation Proposal Summary**

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No wetlands or surface waters on site.

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TECHNICAL STAFF REPORT (TSR) CHECKLIST

PROJECT NAME: Danbury Mill Blvd. Extension at Kings Ridge  
PROJECT NUMBER(S): 40-069-0196AM-ERP

ENVIRONMENTAL RESOURCE PERMIT (ERP):

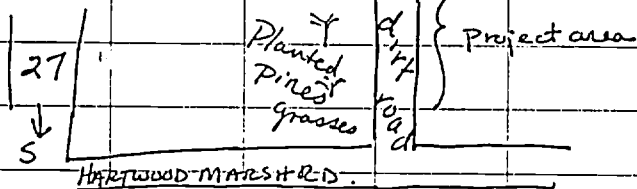
- 1. PERMIT APPLICATION APPRAISAL
- 1a. SITE INSPECTION/FIELD REPORT
  
- 2. WETLAND INVENTORY
- 2b. Table 4
- 2c. Table 5
  
- 3. GIS/ADMINISTRATIVE TRACKING SHEET (ORIGINAL)
  
- 4. PERMIT MITIGATION FORM (IF APPLICABLE)
- 4a. MITIGATION BANK CHECKLIST (IF APPLICABLE)
  
- 5. LETTERS OF OBJECTION (IF APPLICABLE)
- 5a. DISTRICT RESPONSE (IF APPLICABLE)
  
- 6. REFERENCED ATTACHMENTS:

ITEM(S) MISSING AND/OR INCOMPLETE: YES NO (CIRCLE ONE)  
ITEM NUMBER(S): # \_\_\_\_\_

ALL ITEMS PRESENT AND COMPLETE: YES NO (CIRCLE ONE)

10/24/97

Danbury Mill Blvd. Ext. at  
 Kings Ridge



project area is smoothed (graded)

dirt road. No wetlands.

Planted grasses & planted pines  
 to west side

Clermont East topo → Lake Feltyer (III)

GIS/ADMINISTRATIVE MSSW APPLICATION TRACKING SHEET

Application Number: 4-069-0326AM4-ERP

Reviewer(s): ABOODI PRYNOSKI

Date Received: 10/15/97

Applicant: LENNAR ACTIVE ADULT COMMUNITIES

Project Name: DANBURY MILL BLVD. EXTENSION AT KINGS RIDGE

\*\*\*\*\*

MAPPING INFORMATION:

Acceptable as Received: YES

Hydrologic Basin: OKLAWAHA BASIN

<u>MAP NUMBER</u>	<u>QUAD</u>
<u>41</u>	<u>CLERMONT-E</u>

Date Application Entered:  / /

Date Application Mapped: 10/20/97 Initials: AR

\*\*\*\*\*

Request for Additional Information must be mailed by: 11/12/97

Regulatory Meeting Date if determined technically/administratively Complete: 12/10/97

INFORMATION PROVIDED BY REVIEWING STAFF:

Date 1st RAI sent: <u>N/A</u>	Date 1st Resp. received: _____
Date 2nd RAI sent: _____	Date 2nd Resp. received: _____
Date 3rd RAI sent: _____	Date 3rd Resp. received: _____
Date 4th RAI sent: _____	Date 4th Resp. received: _____

Date Application Complete: 10-15-97

Schedule for \_\_\_\_\_ Regulatory Meeting (Approval/Denial)

\*\*\*\*\*

\*\* NOTE: PLEASE RETURN WITH THE TSR FOLDER.