

**REQUEST FOR BOARD ACTION**

**HENDERSON COUNTY  
BOARD OF COMMISSIONERS**

**MEETING DATE:** June 27, 2006

**SUBJECT:** Water Line Extension

**ATTACHMENTS:** **Meadow Creek**

Project Summary  
Engineer's Report  
County's Review Sheet

**SUMMARY OF REQUEST:**

The City of Hendersonville has requested County comments on a proposed water line extension project to serve Meadow Creek.

A City of Hendersonville Project Summary sheet, with backup documents and a County review sheet with staff comments are attached for Board review and action.

**COUNTY MANAGER'S COMMENTS:**

Recommend that the Board take action to support the referenced water line extension.

**MOUNTAIN ENGINEERING COMPANY**  
CIVIL ENGINEERING + SITE PLANNING

121 Third Avenue West Suite 2 Hendersonville North Carolina 28792  
Telephone (828) 697-2122 Facsimile (828) 697-8458

29 March 2006

**Mr. Lee Smith, Utilities Director**  
Water and Sewer Department  
Care of Rhonda H. Wiggins  
**City of Hendersonville**  
305 Williams Street  
Hendersonville, North Carolina 28792

Re: **MEADOW CREEK** Subdivision  
formerly **SPRINGFIELD** Subdivision (Phase III)  
Water Distribution System Improvements

Dear Mr. Smith:

The **Meadow Creek** project is a proposed **Residential** subdivision of only thirty-four (34) units (thirty-four homes on 34 lots) located on the north side of Eade Road (S.R. # 1207) in Etowah. Project development includes an extension of **Plato Place** and, the proposed Water extension will connect to the existing water main at the intersection of "**Road A**" and Plato Place; which is within Phase 2 of the Springfield subdivision. The original Springfield project was by another Owner/Developer. The Developer of Meadow Creek is **Glade Holdings, Inc. of Hendersonville;** at **475 South Church Street Suite 100, Hendersonville North Carolina 28792**

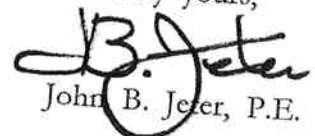
Attached, for your review and further handling, are four (4) sets of the Water Improvement Plans as well as Technical Specifications and the Engineer's Report for the above referenced project. Also attached is the plan review fee (Check in the amount of \$ 250.00) and the following required Engineering Department forms:

1. Check list; Water Distribution Extension project (1 copy).
3. Project Summary; Water Distribution Extension project (1 copy).

These **Water Distribution System** Plans and Specifications have been prepared according to the City of Hendersonville Water and Sewer Department standards.

If you require additional information, please contact me at (828) 697-2122 or (828) 329-2190.

Sincerely yours,

  
John B. Jeter, P.E.

cc: Kevin Drexell, Glade Holdings  
Luther Smith, LSA

## HENDERSON COUNTY REVIEW OF CITY WATER LINE EXTENSIONS

Project Name: Meadow Creek  
 Size of Water Line (Main & Distribution Pipe Size): 6: C900 DR14 – 1,056 lf.; 2" PVC SOR 13.5 – 565 lf.  
 County Staff Reviewing Extension: Rocky Hyder, Fire Marshal; Matt Card, Subdivision Admin.; Rodney Tucker, Project Mgr.

Has the project been reviewed under the **County Subdivision Ordinance**?  Yes  No  N/A

Date reviewed: March 21, 2006  
 Action: Approved with conditions  
 Conditions: Final plat requirements, approval of water, sewer and soil erosion and road standard requirements.  
 Comments: \_\_\_\_\_

Has the project been reviewed under the **County Manufactured Park Ordinance**?  Yes  No  N/A

Date reviewed: \_\_\_\_\_  
 Action: \_\_\_\_\_  
 Conditions: \_\_\_\_\_  
 Comments: \_\_\_\_\_

Has the project been reviewed under the **County Zoning Ordinance (i.e. Special-Use or Conditional-Use Permit)**?  Yes  No  N/A

Date reviewed: \_\_\_\_\_  
 Action: \_\_\_\_\_  
 Conditions: \_\_\_\_\_  
 Comments: \_\_\_\_\_

Is the project subject to **any other County Land Use Ordinance**?  Yes  No  N/A

If yes, explain: \_\_\_\_\_

Does the project conform with the **2020 Henderson County Comprehensive Plan (CCP)**?  Yes  No  N/A

The proposed sewer extension with the CCP's goals and vision.

Does the project have **adequate hydrant location and spacing**?  Yes  No  N/A

Description of **hydrant type and thread**: Mueller Centurion – National Standard Thread

Does the estimated flow rate (gpm) meet **fire protection standards**? Meets standard for structure spacing of more than 30 feet.  Yes  No  N/A

### BOARD OF COMMISSIONERS APPROVAL

<input type="checkbox"/>	Approved	Date of Board Review: _____
<input type="checkbox"/>	Not Approved	Comments: _____
<input type="checkbox"/>	Conditional Approval (See Comments)	

**City of Hendersonville - Project Summary  
Water Line Extension  
Meadow Creek Subdivision**

Date: April 13, 2006

This is a project to extend existing water lines to provide water service to a proposed residential subdivision consisting of thirty-four (34) single family dwellings on 12.33 acres. This project is located on the north side of Eade Road in Etowah.

This project is under the reviewing jurisdiction of: **Henderson County.**

This project requires approximately **1,621** linear feet of water line sized as following:

Description:	Approximate Length
6" C900 DR14	1056 lf
2" PVC SDR 13.5	565 lf

Fire Protection will be provided by the installation of 2 fire hydrant(s).

The entire cost of the proposed water line extension is to be paid for by Glade Holdings, Inc. of Hendersonville, NC

Water pressure and flow in this area is as follows:

Static Pressure:	84 PSI
Residual:	38 PSI
Flow:	830 GPM

*Based on the above information, the Water & Sewer department is capable of supporting the additional connections and recommends approval of the project contingent upon approval of the final plans and specifications from the Water & Sewer Department.*

A motion is needed to approve and accept this project. Suggest wording is as follows:

**I move to accept this water line extension project and to authorize the City manager to execute the water line extension agreement on behalf of the City.**

Water & Sewer Department:	<input type="checkbox"/> Approved	<input type="checkbox"/> Disapproved	Date: _____
Hendersonville City Council:	<input type="checkbox"/> Approved	<input type="checkbox"/> Disapproved	Date: _____

The undersigned represents this utility extension line request has been evaluated in light of the adopted land use plan for the municipality or Henderson County. In the absence of such a plan for the general area to be served, this extension has been evaluated in terms of its future impact on existing land uses.

Reviewing Jurisdiction: Henderson County

Signing Official: \_\_\_\_\_

Date of Review: \_\_\_\_\_

Approved  Disapproved

Narrative Comments Provided:  Yes  No