

# WAKE FOREST GREENWAY ADVISORY BOARD

## MINUTES

April 14, 2009

**Members Present:** Joe Seigler (Chairman), Greg Hoit (Vice Chairman), Jan Ammons, Timothy Nau, Lauri Arntsen, and Emalie Levine

**Members Absent:** Bob Johnson, Jeff Poupart, Jeremy Wrenn, and Pete Thibodeau (ex-officio)

**Staff Present:** Candace Davis, Ann Ayers, and Holly Spring

**Visitors:** Mayor Vivian Jones

## CALL TO ORDER

Joe Seigler called the regular meeting of the Wake Forest Greenways Advisory Board (GAB) to order at 7:34 a.m. – The Forks Cafeteria 339 S. Brooks Street, Wake Forest, NC 27587.

## APPROVAL OF MINUTES

**Motion:** Emalie Levine made a motion to approve the minutes from the March 10<sup>th</sup> Regular Business Meeting. The motion was seconded by Greg Hoit and carried unanimously.

## APPROVAL OF CONSENT AGENDA

**Motion:** Greg Hoit made a motion to approve the consent agenda. The motion was seconded by Jan Ammons and carried unanimously.

**Action:** none

### *Updates*

- **St. Ives Trail** – the St. Ives Homeowners Association (HOA) managed by Charleston Management, recently held an HOA meeting. Many of the residents asked if there was any way they could terminate the plans for the proposed soft trail for their subdivision. Charleston Management plans survey the residents to get a general consensus. Millridge Companies still intends to submit construction plans for staff review.
- **Dunn Creek Greenway** – staff has requested \$350,000 in Federal Economic Stimulus and Recovery funds for the construction of this greenway section. We received a rejection of our 10' wide trails. Staff is requesting reconsideration from DWQ. Wake Forest does not intend to concede on the 8' wide trails. The plats have been received and staff is working on getting signatures.
- **Olde Mill Stream**- Currently on hold.
- **Burlington Mills Road Project** – (TIP# B-3705) - ROW is adequate for roadway needs but not for on-street parking. On-street parking is not allowed on roads like these (45 mph and 5-lane future expansion), there is not sufficient time to process a driveway request, and NCDOT will not take on the liability of parking in their ROW

under these circumstances. However, NCDOT is exploring the possibility of leaving the outer 10' of asphalt from the trail (approx. 300') to Bratt Avenue where there is existing on-street parking. It is anticipated that the pavement will be removed before this consideration will come full circle. Staff has been informed NCDOT will not delay the project for consideration. Construction is expected to be complete on the new bridge, which is being built parallel to the existing bridge, on May 15, 2009.

#### *Announcements*

- **Technical Review Committee (TRC)** – April 16, 2009 at 10am, Town Hall Board Room
- **Southeast High Speed Rail, Trail Project**– a multi-use greenway concept that links Richmond, VA to Raleigh, NC is currently being developed by the North Carolina Departments of Environment and Natural Resources, and Transportation. The multi-use greenway will run parallel (east or west) to the Southeast High Speed Rail corridor, a distance of approximately 55 miles. Three rail design alternatives will be completed by April 2009. A public meeting to share the design alternatives and solicit feedback from the Wake County municipalities within the corridor will be held on Thursday, June 4<sup>th</sup> at 7pm. The public meeting will be held at the Northern Regional Center, 350 E. Holding Ave., Wake Forest, NC 27587. More details about this effort will be provided at the May 12<sup>th</sup> GAB meeting.
- **Wake Forest Herb Fest** - Friday, April 17 - Sunday, April 26  
Festival Park, 572 S. White St., Wake Forest, NC

#### **OLD BUSINESS**

- a. Open Space & Greenways Plan Update - [http://www.greenways.com/wakeforest\\_download](http://www.greenways.com/wakeforest_download)

The GAB would like to see the final draft of the Open Space & Greenway Plan Update. A few of the members expressed concerns regarding information that is still missing from the Plan.

- Smith Creek Clean Water Management Trust Fund (CWMTF) Grant obligations;
- NC 98 Bypass railroad overpass crossing; and
- No net reduction in greenways;

***Motion:*** none

***Action:*** Tim Nau volunteered to lead a sub-committee and develop a 1-page recommendation for future revisions to the Plan. This draft document will be reviewed at the May GAB meeting. Candace will forward the revised link to access the Plan to GAB members as soon as Greenways, Inc. submits the revisions.

- b. Earth Day/Herb Fest Volunteers

Wake Forest Herb Fest ([www.herbfest.net](http://www.herbfest.net)) will occur April 17, 2009 - April 26, 2009. Holly Spring provided a volunteer sign-up sheet and suggested several interactive/educational activities (Tree Cookie, Drop in a Bucket, A River Runs Thru It, etc.) that could be on display at the GAB booth. (*See attachments*) The GAB would like to have members present at the booth on the following days:

- Saturday, April 18th,
- Sunday, April, 19<sup>th</sup>,
- Wednesday, April 22<sup>nd</sup> (EARTH DAY),
- Saturday, April 25<sup>th</sup>, and
- Sunday, April 26<sup>th</sup>.

Emalie Levine inquired about the results of the GAB Citizen Poll that was conducted at the 2008 Herb Fest. Joe Seigler created a survey to rank the importance of trails in Wake Forest. The Citizens that completed the survey were asked to rank on a scale from 1=always to 5=never. The GAB members are interested in doing another survey at this year's Herb Fest.

**Motion:** none

**Action:** Candace will email the GAB a copy of the GAB survey results from last year's Herb Fest. Ann will donate the remaining 2009 Arbor Day Celebration t-shirts and provide Leave No Trace cards for the GAB booth. GAB members will contact Holly regarding the day/time they plan to volunteer at HerbFest.

### NEW BUSINESS

a. E. Carroll Joyner Park – Trail Mileage Project

During the March Take-a-Hike at Joyner Park, Susan Simpson, Planning staff, and a few of the GAB members discussed the benefits of having marked trails and maps at the new park. Staff and the GAB thought this would be a good project for the GAB to take on.

There are approximately 3.1 miles of trail within Joyner Park. The GAB project would consist of measuring trail routes, marking (paint, mile markers, etc.) routes, and creating a user friendly walking brochure. Staff suggested the GAB create a durable brochure that could be recycled similar to system used at the Bolin Creek Trail in Chapel Hill. Route maps are available at entry kiosks, used along the trail at Bolin Creek and then returned to the nearest kiosk. The GAB plans to start this project June 2009.

**Motion:** none

**Action:** Staff will research mile markers, outdoor kiosks, etc. Staff will provide a measuring wheel and assist the GAB in creating the route maps for this project.

b. Traditions Northeast– Wake County

Staff from Wake Forest and Wake County met with Rob Weintraub, Ammons Development Group regarding the Traditions Northeast- Wake County subdivision project (*see attached layout*). The developer is required to dedicate an easement for a 10' wide greenway trail. The developer proposed two options for consideration:

Option A – Developer would provide a 40’ greenway easement on the east side of Smith Creek, construct a 10’ wide Type 2 soft surface trail on the south side of Oak Grove Church Road, or

Option B – Developer would construct 10’ wide trail on both sides of Oak Grove Church Road (Northside Loop) in Wake Forest.

The GAB discussed the benefits of the both of the proposed alternatives. Ultimately deciding on Option A, in which developer is proposing a 40’ greenway corridor from Oak Grove Church Road to the Franklin County line. The Oak Grove Church Road path will provide an east to west link between Smith Creek and Richland Creek Greenway Corridors, an important goal for the GAB.

**Motion:** Greg Hoit made a motion and recommended the developer construct Option A. The motion was seconded by Lauri Artsen and carried 4-1. Jan Ammons excused herself from the vote.

**Action:** Staff will contact Rob Weintraub to provide the GAB recommendation and request the developer consider providing the utility easements to facilitate the connection to public systems for the future.

c. Educational Signage

Holly Spring provided a progress report on the Towns efforts to implement educational signage (*see sample layouts*) for greenways, stream restoration projects, buffers, bio retention, wetlands, etc. Water quality signs are currently under contract. Construction and installation will occur this fall after Dunn Creek is built.

**Motion:** none

**Action:** none

d. Re-defining the role of the Wake Forest Greenway Advisory Board

The discussion of the GAB Running Wish List was tabled until the May meeting.

**Motion:** none

**Action:** none

**ADJOURNMENT**

There being no further business, the meeting was adjourned at 8:44a.m.

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Joe Seigler, Chairman

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Candace R. Davis, Secretary

Burlington Mills Road Bridge Replacement  
 April 2009



Proposal in relation to new curbline & ramp.

Panoramic view of existing curbline & ramp at Bratt Avenue.



Demo c&g (from at least the area west of the east edge of trail) and demo asphalt.



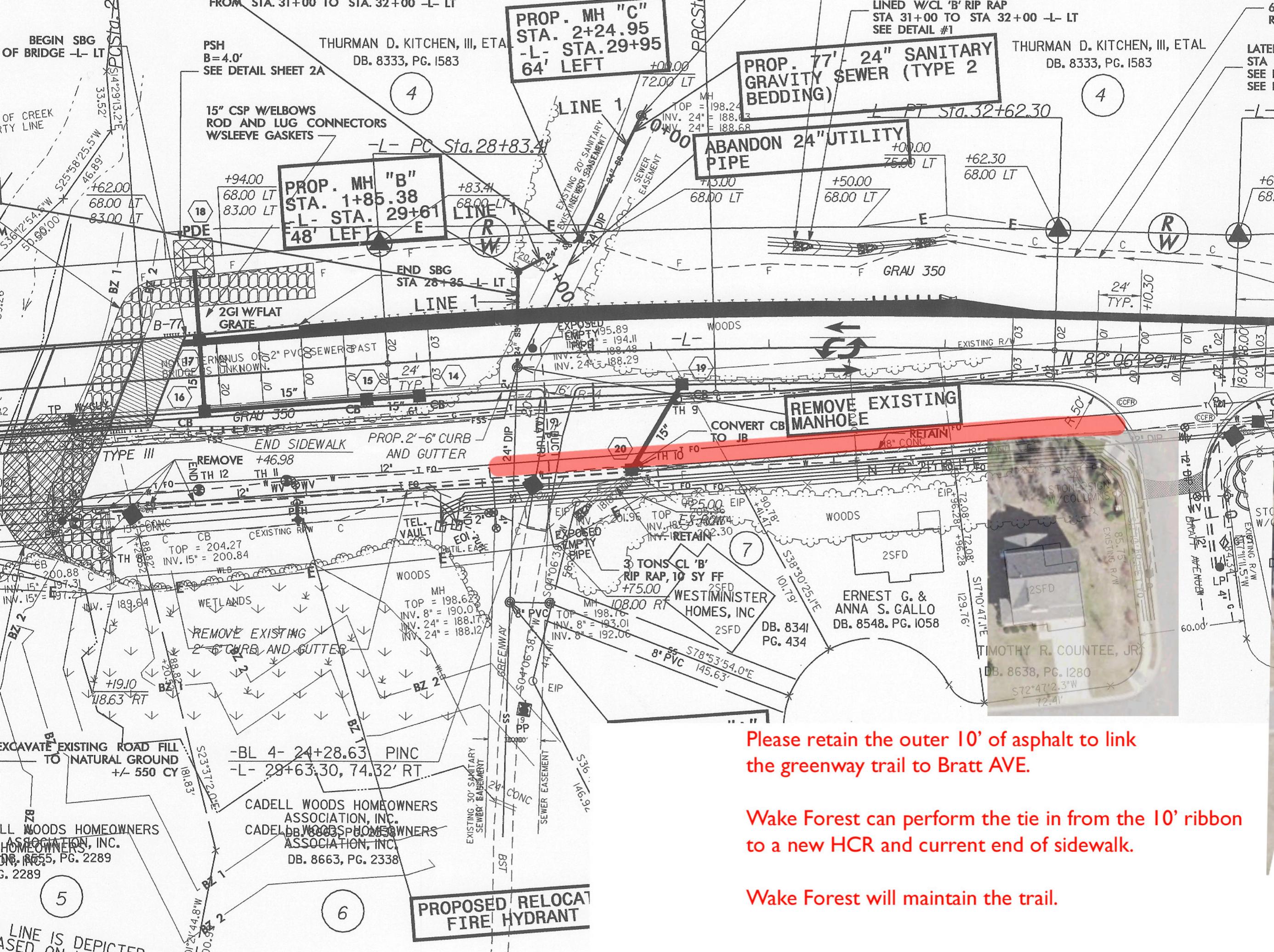
Cut curb so extension meets retained asphalt ribbon.



CB to JB on plan

Propose to retain 10' strip of asphalt.  
 Wake Forest will maintain.  
 Instead of midblock ramp at Burlington Mills, please relocate ramp at Bratt

- Plan Realignment & extension
- Existing Curbline



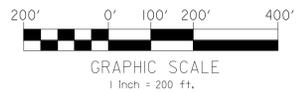
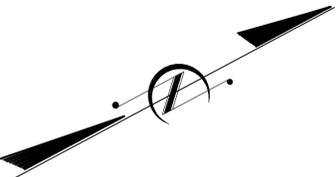
Please retain the outer 10' of asphalt to link the greenway trail to Bratt AVE.

Wake Forest can perform the tie in from the 10' ribbon to a new HCR and current end of sidewalk.

Wake Forest will maintain the trail.



**PROPOSED RELOCAT  
FIRE HYDRANT**



# TRADITIONS NORTHEAST PHASING PLAN

## WAKE COUNTY PIN: 1581.03-44-1044

Wake Forest Reservoir Properties, LLC  
D.B. 10228 PG. 1762  
BOM 1996 PG 676  
PIN# 1851-44-1044

Wake Forest Reservoir Properties, LLC  
D.B. 10228 PG. 1762  
BOM 1996 PG 676  
PIN# 1851-44-1044

AQUA LOCATION  
WELLS 1 & 2

OPEN SPACE "A"  
4.60 ACRES

OPEN SPACE "C"  
1.61 ACRES

OPEN SPACE "B"  
0.22 ACRES

OPEN SPACE "D"  
4.10 ACRES

OPEN SPACE "E"  
14.37 ACRES

OPEN SPACE "F"  
0.76 ACRES

OPEN SPACE "G"  
24.48 ACRES

SECTION 4

SECTION 5

OPEN SPACE "I"  
13.98 ACRES

OPEN SPACE "H"  
17.20 ACRES

**FRANKLIN CO.  
PORTION  
RESERVED  
BY OWNER**

PHASE II RECREATION  
REQUIREMENT  
**PROPOSED 40'  
GREENWAY DEDICATION  
0.64 ACRES -- 674 LF**

**FUTURE/PROPOSED GREENWAY CONNECTOR  
2,206 LF FROM GREENWAY CONNECTION  
TO GILCREST FARM ROAD.**

NOTE:  
SECTION 1 TO CONNECT TO EXISTING OAK GROVE CHURCH ROAD.  
RELOCATION OF OAK GROVE CHURCH ROAD NOT REQUIRED UNTIL SECTION 2.  
(PENDING APPROVAL FROM THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION)  
NEW COUNTY LINE LOCATION PROVIDED BY WAKE COUNTY GIS. NO DATUM DESCRIPTION  
WAS PROVIDED WITH THE NEW COUNTY LINE LOCATION. MULKEY, INC ACCEPTS NO  
RESPONSIBILITY WITH REGARDS TO THE NEW LOCATION OF THE COUNTY LINE.

TRADITIONS NORTHEAST PHASE I DATA TABLE  
(BREAKDOWN BY SECTION)

PHASED OPEN SPACE	TOTAL AREA	DENSITY ALLOWED (0.5 UNITS/PER AC.)	DENSITY PROVIDED	OPEN SPACE REQUIRED	OPEN SPACE PROVIDED
SECTION 1	22.00 Ac.	11	11	5.50 Ac.	6.43 Ac.
SECTION 2	62.00 Ac.	31	31	15.50 Ac.	19.23 Ac.
SECTION 3	68.00 Ac.	34	34	17.00 Ac.	24.48 Ac.
SECTION 4	56.0 Ac.	28	28	14.00 Ac.	17.18 Ac.
SECTION 5	96.44 Ac.	18.22	18	9.11 Ac.	19.98 Ac.
TOTALS	244.44 ac.	122.22	122	61.11 Ac.	81.30 Ac.

**WAKE COUNTY RECREATION REQUIREMENT  
FOR OPEN SPACE / GREENWAY DEDICATION**  
**PROPOSED 40' GREENWAY DEDICATION. 3.49 ACRES**  
**3,559 LF FROM OAK GROVE CHURCH ROAD  
TO PHASE II DEVELOPMENT**

**RESERVED  
BY OWNER  
(FUTURE PHASE II)  
(HATCHED AREA)**

GRACE WOODLIEF  
DEAN FAMILY LIMITED PARTNERSHIP  
D.B. 12899 PG. 2386  
PIN# 1851-63-2953  
LAND USE: VACANT

GRACE WOODLIEF  
DEAN FAMILY LIMITED PARTNERSHIP  
D.B. 12899 PG. 2386  
PIN# 1851-74-6585  
LAND USE: VACANT



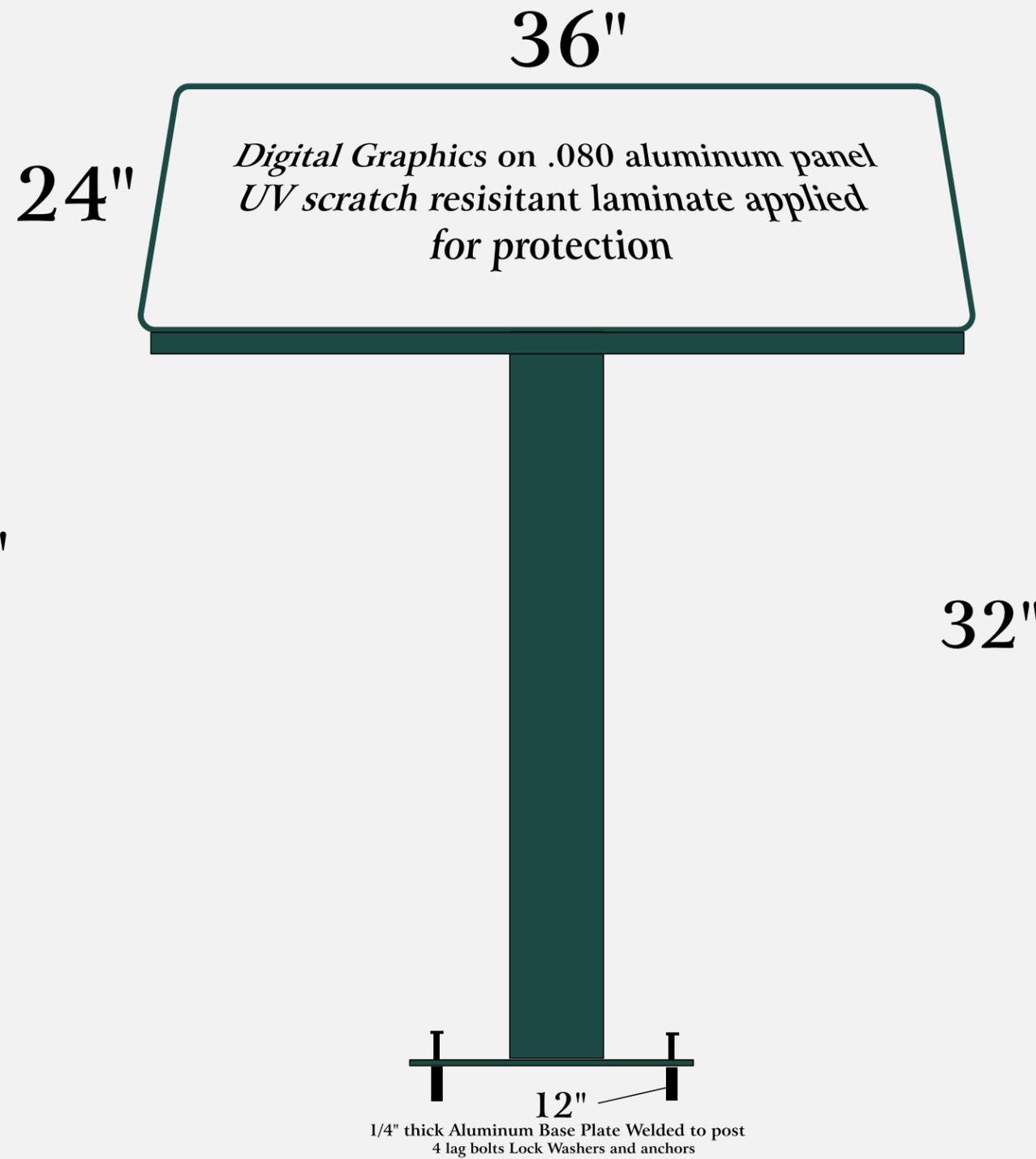
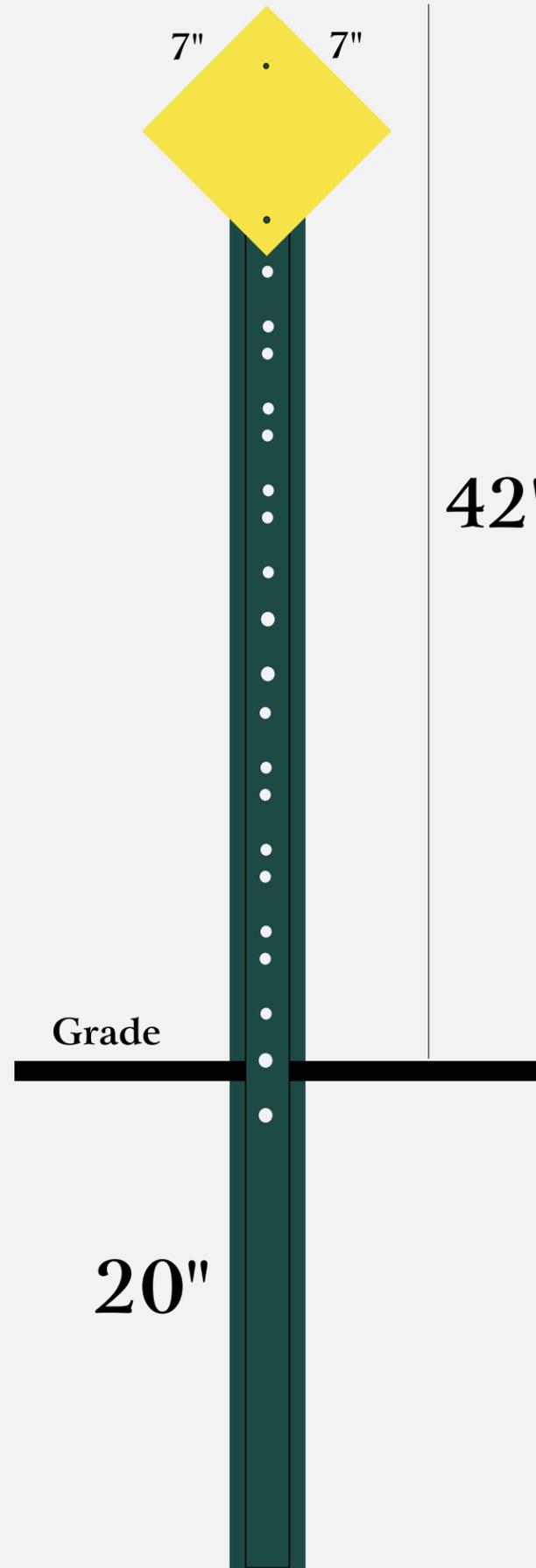
DATE: 1/22/2009  
DRAWN BY: DFB  
CHECKED BY: MDA  
DESIGNED BY:  
DGN. CHECKED BY:  
SCALE:  
PROJECT NO. 2008224.00

NO.	DATE	REVISIONS
1	11/16/2008	INITIAL SUBMITTAL
2	01/22/2009	2nd SUBMITTAL
3	04/17/2009	3rd SUBMITTAL
4		
5		
6		
7		

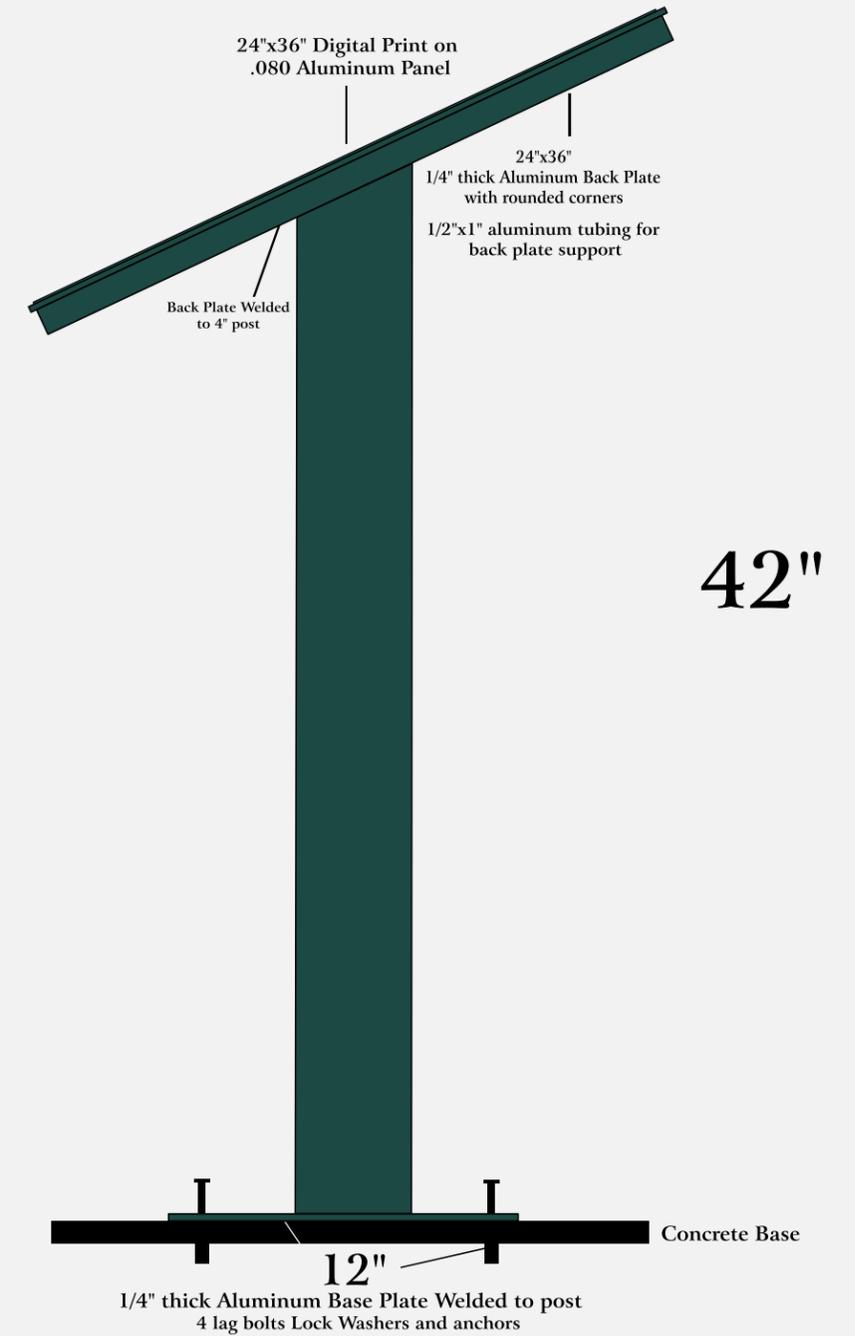
**TRADITIONS NORTHEAST  
CLUSTER SUBDIVISION  
PHASE I -- MASTER PLAN**  
OWNER:  
RESERVOIR DEVELOPMENT GROUP, INC.  
WAKE FOREST, NORTH CAROLINA

**PHASING PLAN**

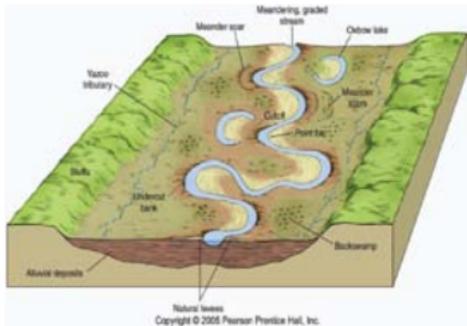
DRAWING NO.  
**C-004**



Town of WF Greenway project signage  
2'x3' version



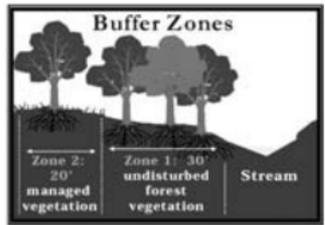
# Stream Restoration



Many times streams a stream becomes unstable due to increased runoff from untreated impervious stormwater, change in use, straight ditching, filling in a stream, lack of buffer and lack of bank cover. A stream will try to fix itself by down cutting or incising, widening, undercutting banks, rerouting or completely changing its character in just one storm. This is nature's way of trying to correct a problem and can take many years to accomplish a stable stream. A stable stream will maintain its dimension, pattern, and profile thru large storms, depositing sediment at point bars, and use the floodplain on a regular basis. A stream restoration tries to help fix the stream a little faster.

There are three types of streams: Ephemeral, Intermittent and Perennial. Ephemeral streams are those that run seasonally, Intermittent run after rain storms, and Perennial run all year around. Both Intermittent and Perennial streams are protected by the NC Department of Water Quality (DWQ) Neuse Buffer Rules. The Buffer rules protect the streams 50 feet from the top of bank, which includes no filling or building, cutting trees or mowing. These buffers help filter nitrogen and phosphorus before it enters the stream and provide shade to reduce water temperature to reduce algae blooms, reduce fish kills and provide habitat for other animals and aquatic species. The Town of Wake Forest also has floodplain regulations that protect the 500 year floodplain from being filled in or developed.

When a stream is overwhelmed by too much stormwater runoff, it will overflow its banks into the floodplain. The water is spread out over a much larger area where it loses its energy and drops sediment, nutrients, and material. If the floodplain is filled in or the stream is disconnected from the floodplain due to incision, the stream cannot spread out and can create a very erosive, potentially dangerous situation for both home owners and citizens.





## **Conservation Area**

Protected by the State of North Carolina

**No Mowing - Cutting**

*Questions?*

*Contact:*