



625 West Jones Street • Raleigh, North Carolina 27603 • (919) 832-7000 • Fax (919) 832-8140
www.searsdesigngroup.com • searsdesign@searsdesigngroup.com

March 9, 2017

Dear Planning Board Members,
Chatham County Planning Staff

Re: Ferrington P.U.D., Section X, Area "C" Preliminary Plat Review

On behalf of Ferrington Village and Fitch Creations, Inc., we are pleased to submit for Preliminary Plat Approval this latest new neighborhood in the Village. It is called RICHMOND and is known as Section 10, Area C, of the P.U.D. It is a (21) lot single-family subdivision with public water, sewer, and streets. The average lot size is .80 acres.

Ferrington P.U.D. is governed by the Pre-2008 Chatham County Subdivision Regulations: Sketch Plan (which is the Overall P.U.D. plan), Preliminary Plat, where all construction permits are granted by the various agencies, and Final Plat, which is required before dwelling sites can be sold.

There were two adjustments made to Area "C" during this process. A Sketch Plan Amendment was approved that allowed the addition of a little street that had not been on the Approved P.U.D. plan. The new street allowed better land use. The other adjustment was the deletion of (8) single-family clustered homes that were on the Overall P.U.D. Sketch Plan but were omitted to have larger single family lots in keeping with the neighboring Millcreek neighborhood and with this RICHMOND subdivision.

Dwelling Unit Count is not affected by this minor adjustment. The overall approved number of dwelling units for Ferrington is set at 1602 total units. These minor adjustments will be accounted for in future phases.

This will be a beautiful neighborhood. The streams are protected. The major stream has a 100' buffer. The ephemeral stream has a volunteered 30' each side buffer, which exceeds the 2008 standards.

We ask that you approve this request for Approval of Preliminary Plat. Thank you.

Sincerely,

SEARS DESIGN GROUP, P.A.

A handwritten signature in black ink that reads 'Dan Sears' in a cursive script.

Dan C.L. Sears, ASLA

cc: R.B. Fitch

**CHATHAM COUNTY
MAJOR SUBDIVISION
REVIEW CHECKLIST**

Subdivision Name Fearrington P.U.D. Section X, Area "C" - Richmond

Review For: Sketch Prelim Final

Attach all supporting documentation regarding these approvals. If approvals are still pending, attach applications for approval.

SKETCH DESIGN REVIEW	APPROVAL DATE
<input type="checkbox"/> 25 Copies of Plat with topo along with one (1) 8-1/2 x 11 copy	-----
<input type="checkbox"/> Application w/Complete Adjacent Owner Addresses	-----
<input type="checkbox"/> Soil Scientist Report and soil map	-----
<input type="checkbox"/> Confirmation from Chatham County Historical Association/Jane Pyle/542-3603	
<input type="checkbox"/> 1 electronic copy of all items above (see Digital Document Requirements)	
PRELIMINARY PLAT REVIEW	
<input checked="" type="checkbox"/> 20 Copies of Plat along with one (1) 8-1/2 x 11 copy
<input checked="" type="checkbox"/> Application w/ Complete Adjacent Owner Addresses
<input type="checkbox"/> Detailed Soils Map and Letter of explanation or D.E.M. approval {see Requirements for soil scientist report}	N/A
<input checked="" type="checkbox"/> NCDOT Approval (if public roads)	2/24/17
<input checked="" type="checkbox"/> DOT Comm. Driveway Permit	Not required
<input checked="" type="checkbox"/> Erosion Control Plan Approval (if new roads or one acre disturbed)	3/2/17
<input checked="" type="checkbox"/> U.S. Army Corps of Engineers Permit (if appl) Buffer Impact Authorization	1/25/17
<input type="checkbox"/> Road Name Request Form	Previously approved
<input checked="" type="checkbox"/> County Public Water Approval (if applicable) Engineer's Letter - Water Supply and Wastewater Treatment Capacity	3/6/17
<input checked="" type="checkbox"/> State Public Water Approval (if applicable)	1/30/17
<input type="checkbox"/> Chatham Co. Schools' Road Comments (if new roads)	
<input type="checkbox"/> Stormwater Management Plan Approval (if appl)	N/A
<input type="checkbox"/> Economic & Environmental Impact Study (if appl)	____/____/____
<input checked="" type="checkbox"/> Water / Sewer Impact Statement (if appl) NC DWR Sewer Approval	10/28/2016
<input checked="" type="checkbox"/> 1 electronic copy of all items above (see Digital Document Requirements)	
FINAL PLAT REVIEW	
<input type="checkbox"/> 20 Copies of Plat	-----
<input type="checkbox"/> Application
<input type="checkbox"/> 1 electronic copy of all items above (see Digital Document Requirements)	____/____/____
<input type="checkbox"/> Chatham County Environmental Health Division septic improvement permits or NCDWQ septic permits for each lot.	Not applicable
<input type="checkbox"/> Road Completion Certificate or Financial Guarantee	
<input type="checkbox"/> Utilities Completion Cert. or Financial Guarantee	

Comment _____

Date Complete Application Rec'd: _____ / _____ / _____ By: _____

Chatham County Planning Department

P.O. Box 54
Pittsboro, NC 27312
Tel: (919) 542-8204
Fax: (919) 542-2698

Type of Review

- Sketch
- Preliminary
- Final

MAJOR SUBDIVISION APPLICATION

Name of Subdivision: Fearrington P.U.D. Section X, Area "C" - Richmond

Subdivision Applicant:

Name: Sears Design Group, P.A.
Address: 625 West Jones Street
Raleigh, North Carolina 27602
Phone:(W) (919) 832-7000
Phone:(H) _____ Fax: (919) 832-8140
E-Mail searsdesign@searsdesigngroup.com
Township: Williams Zoning CUP RA-40
Flood Map # 3710977400J Zone: X
Watershed: WS-IV PA

Subdivision Owner:



Name: Fitch Creations, Inc.
Address: 2000 Fearrington Village Center
Pittsboro, North Carolina 27312
Phone:(W) (919) 542-4000
Phone:(H) _____ Fax: (919) 542-4020
E-Mail rb@fearrington.com
P. I. N. # 9774-27-3144
Parcel # 18998
Existing Access Road: S.R. # 1813, 1817
S.R. road name East Camden, Millcroft,
Tyrrell

Total Acreage <u>17.8</u>	Total # of Lots: <u>21</u>	Min. Lot Size: <u>.37 acres</u>
Ph. I Acreage <u>17.8</u>	Ph. I # of lots <u>21</u>	Max. Lot Size <u>2.52 acres</u>
Ph. II Acreage. _____	Ph. II # of lots _____	Avg. Lot Size: <u>.80 acres</u>
Ph. III Acreage <u>none</u>	Ph. III # of lots <u>none</u>	

Name and date of contact with Chatham County Historical Association: 2005; June 30, 2010
and Jan. 30, 2012 - Jane Pyle; Feb. 1, 2012 Bev Wiggins
Millcroft 470',
Richmond 1320'
Tyrrell 260'

Type of new road: Private/ Length _____ Public/ Length _____
Road Surface: paved to State of N.C. construction standards gravel
Water System: individual wells community wells public system
name Chatham County
Sewer System: septic systems community system public system
name Fearrington Utilities

List other facilities: commercial, recreation, etc., and the approximate acreage or square footage:
None in this request

 Date 3/9/17  Date 3/9/17
Signature of Applicant Signature of Owner

For Office Use Only:

Notes: _____
Approved by County Commissioners: Sketch _____
Preliminary _____
Final _____

Payment: Date _____ / _____ / _____ Amount: \$ _____

ADJACENT LAND OWNERS (Property owners across a road, easement, or waterway are considered adjacent land owners):

Legal notices are mailed to these owners, please **type or write neatly**, and include zip codes.

FEARRINGTON P.U.D. SECTION X, AREA "C" RICHMOND

1. Fitch Creations, Inc.	11. Ms. Laura Morgan
2000 Fearington Village Center	2000 Fearington Village Center
Pittsboro, North Carolina 27312	Pittsboro, North Carolina 27312
2. Ray and Beth Essington	12. R.B. Fitch
18 Griscom Road	2000 Fearington Village Center
Sudbury, MA 01776	Pittsboro, North Carolina 27312
3. Jim and Judy Coplan	13. Sears Design Group, P.A.
116 St. Georges Road	625 West Jones Street
Ardmore, PA 19003	Raleigh, North Carolina 27603
4. Ms. Barbara Krouse	14. Ms. Rita Conner
20 Farmcote Drive	17 Covington Lane
Moreland Hills, OH 44022	Durham, North Carolina 27712
5. Ms. Mary C. Hennessey	15. Mr. and Mrs. James Miller
1807 Camden Drive	65 Sarrepta Road
Glenview, IL 60025	Belvidere, New Jersey 08723
6. Jim and Mary Leatherberry	16. Ms. Barbara Merchant
P.O. Box 2836	P.O. Box U
Santa Fe, NM 87504	The Plains, Virginia 20198
7. Christopher Palmer and Ann Sjolander	17. FHA President: John Palermo
4312 Fearington Post	662 Fearington Post
Pittsboro, North Carolina 27312	Pittsboro, North Carolina 27312
8. Jesse O. III and Willa Anne Fearington	18.
4311 Fearington Post	
Pittsboro, North Carolina 27312	
9. Homes by Dickerson	19.
7201 Creedmoor Road	
Raleigh, North Carolina 27613	
10. Theodore H. Lingerfeldt, Jr.. Christin L. Cummings, Theodore H. Lingerfeldt III	
106 Windrock Lane, Cary, NC 27518	

FOR OFFICE USE ONLY

Date's Adjacent Owner Letters were mailed out

Sketch	/ /	/ /
Preliminary	/ /	/ /

Dates and Actions of Planning Board Meetings

Sketch	/ /	<input type="checkbox"/> Appv'd	<input type="checkbox"/> Denied	<input type="checkbox"/> Tabled
Preliminary	/ /	<input type="checkbox"/> Appv'd	<input type="checkbox"/> Denied	<input type="checkbox"/> Tabled
Final	/ /	<input type="checkbox"/> Appv'd	<input type="checkbox"/> Denied	<input type="checkbox"/> Tabled

Dates and Actions of Board of Commissioners Meetings

Sketch	/ /	<input type="checkbox"/> Appv'd	<input type="checkbox"/> Denied	<input type="checkbox"/> Tabled
Preliminary	/ /	<input type="checkbox"/> Appv'd	<input type="checkbox"/> Denied	<input type="checkbox"/> Tabled
Final	/ /	<input type="checkbox"/> Appv'd	<input type="checkbox"/> Denied	<input type="checkbox"/> Tabled

Conditions stipulated by Planning Board or Board of Commissioners (label as sketch, preliminary or final):

Financial Guarantee (if applicable):

Submitted by: _____

Guarantee Type: _____

Amount: \$ _____

Acceptance Date: ___/___/___

Expiration Date: ___/___/___

Release Date: ___/___/___

Release Payable to: _____

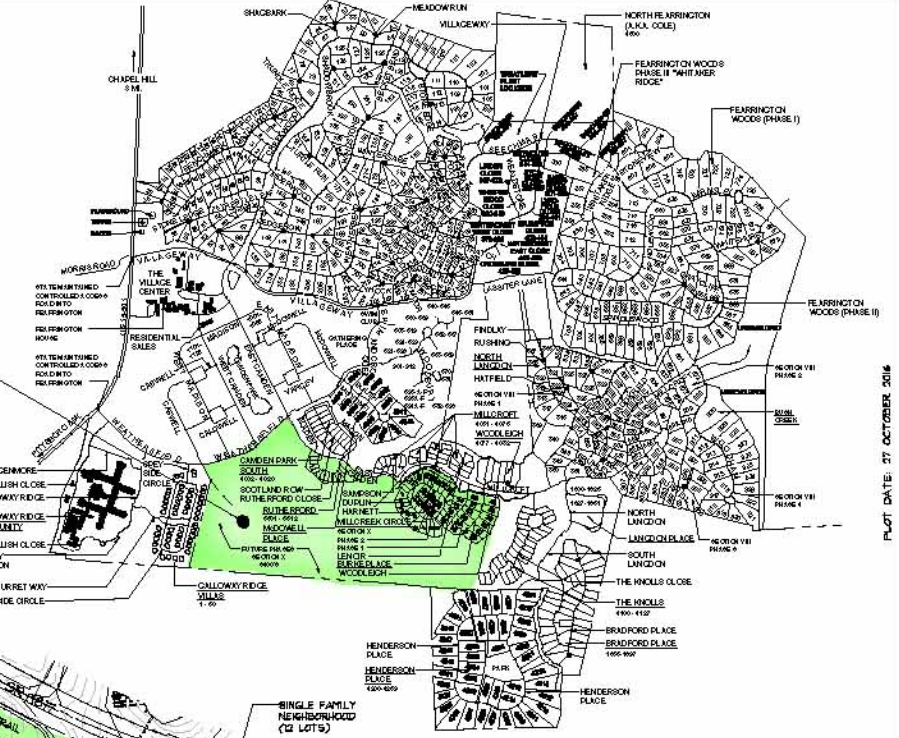
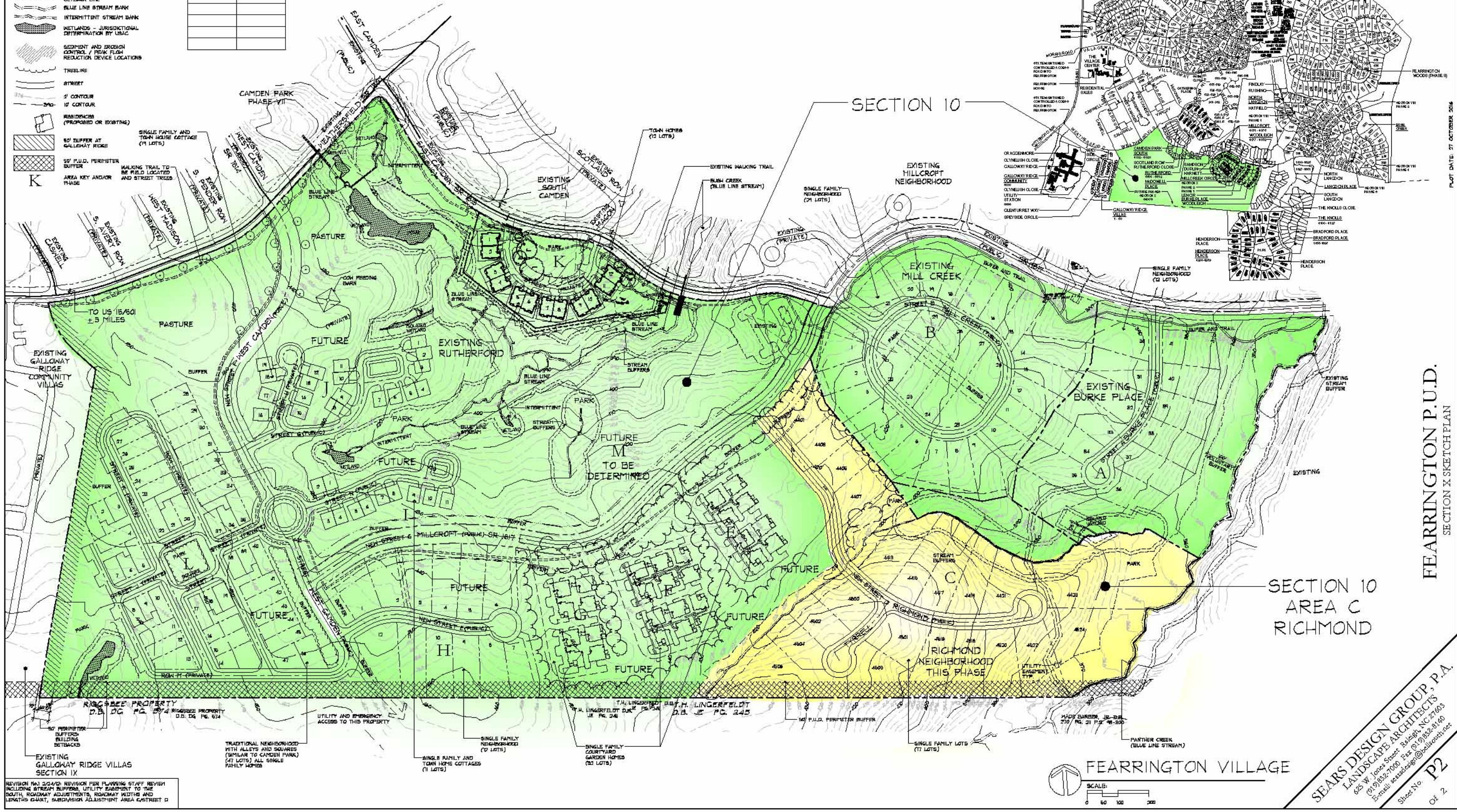
_____ / ___ / ___
Planning Department

Date

LEGEND

- FUD PERIMETER BOUNDARY
- SECTION X PERIMETER
- NONADJACENT PROPERTY LINE
- LOT LINE
- EASEMENT LINE
- STREAM BUFFER LINE
- SETBACK LINE
- BLUE LINE STREAM BANK
- INTERMITTENT STREAM BANK
- WETLANDS - JURISDICTIONAL DETERMINATION BY USAC
- SEDIMENT AND EROSION CONTROL / PEAK FLOW REDUCTION DEVICE LOCATIONS
- TREE LINE
- STREET
- 1' CONTOUR
- 5' CONTOUR
- RESIDENCES (PROPOSED OR EXISTING)
- 50' BUFFER AT GALLOWAY RIDGE
- 50' P.U.D. PERIMETER BUFFER
- AREA KEY AND/OR PHASE

DATE:	10/21/2016
REVISIONS:	3/9/2017



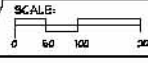
FEARRINGTON P.U.D.
SECTION X SKETCH PLAN

SECTION 10
AREA C
RICHMOND

REVISION (A) 2/24/17: REVISION FOR PLANNING STAFF REVIEW INCLUDING STREAM BUFFERS, UTILITY EASEMENT TO THE SOUTH, ROADWAY ADJUSTMENTS, ROADWAY WIDTHS AND LENGTHS CHART, SUBDIVISION ADJUSTMENT AREA C STREET D



FEARRINGTON VILLAGE



SEARS DESIGN GROUP, P.A.
LANDSCAPE ARCHITECTS
625 W. Jones Street Raleigh, NC 27603
(919) 832-7000 Fax (919) 832-8180
Email: searsdesign@searsdesign.com

Sheet No. P2
Of 2

DIEHL & PHILLIPS, P.A.

CONSULTING ENGINEERS
1500 Piney Plains Road Suite 200
Cary, North Carolina 27518
Telephone (919) 467-9972 – Fax (919) 467-5327

WILLIAM C. DIEHL, P.E.
JOHN F. PHILLIPS, P.E.
ALAN R. KEITH, P.E.

March 6, 2017

Ms. Lynn Richardson
Chatham County Planning Department
P.O. Box 54
Pittsboro, NC 27312

Re: Water Supply and Wastewater Treatment Capacity for Section X Area C
Richmond, Fearington P.U.D

Dear Ms. Richardson:

Water supply for Section X Area C is available from the Chatham County water system through existing water agreements between the County and Fitch Creations, Inc.

The current situation at the Fearington WWTP can be summarized as follows:

WWTP Average Daily Flow	0.162 mgd *
Permitted Flow not yet Tributary**	<u>0.060 mgd</u>
Total Current Permitted Flow	0.222 mgd
Total flow for Section X Area C (21 units)	0.0053 mgd
Current Permitted Flow including Section X Area C	0.2227 mgd***
Total Constructed WWTP Capacity	0.270 mgd
Total Permit Capacity	0.500 mgd

The Fearington WWTP currently has capacity to serve Section X Area C at Fearington (5,250 gallons per day). The existing collection system has capacity to serve the proposed project. Fitch Creations, Inc. has Authorization to Construct an expansion to the wastewater treatment plant from the North Carolina Division of Environmental Quality.

* mgd = million gallons per day.

** The permit flow was reconciled August 5, 2014

***The State has granted a flow reduction to Fitch Creations at 250 gallons per day/unit



Sincerely,

Diehl & Phillips, P.A.

A handwritten signature in black ink, appearing to read "Alan R. Keith".

3/6/17

Alan R. Keith, P.E.

Cc: R.B. Fitch
Greg Fitch
Dan Sears
John Phillips



ROY COOPER
Governor

MICHAEL S. REGAN
Secretary

S. JAY ZIMMERMAN
Director

January 30, 2017

Ms. Renee Paschal, County Manager
County of Chatham
Post Office Box 1809
Pittsboro, North Carolina 27312

Re: Engineering Plans and Specifications Approval
Water Main Extension
Farrington Section X Area C & D
Chatham County - North Water System
Water System No.: NC0319126
Chatham County
Serial No.: 16-00925

Dear Ms. Paschal:

Enclosed please find one copy of the "Application for Approval..." together with one copy of the referenced engineering plans and specifications bearing the Division of Water Resources stamp of approval for the referenced project. These engineering plans and specifications are approved under Division of Water Resources Serial Number 16-00925, dated January 30, 2017.

Engineering plans and specifications prepared by Alan R. Keith, P.E., call for the installation of approximately 635 feet of 8-inch, 1,500 feet of 6-inch, and 185 feet of 2-inch water main, valves, hydrants and other appurtenances along Millcroft (SR 1817), Richmond, Tyrell Street, and Montgomery Place starting at the intersection of Millcroft and East Camden (SR 1813).

Please note that in accordance with 15A NCAC 18C .0309(a), no construction, alteration, or expansion of a water system shall be placed into service or made available for human consumption until the Public Water Supply Section has issued Final Approval. Final Approval will be issued and mailed to the applicant upon receipt of both an Engineer's Certification and an Applicant's Certification submitted in accordance 15 A NCAC 18C .0303 (a) and (c).

These plans and specifications in the foregoing application are approved insofar as the protection of public health is concerned as provided in the rules, standards and criteria adopted under the authority of Chapter 130A-317 of the General Statutes. This approval does not constitute a

Nothing Compares

State of North Carolina | Environmental Quality | Water Resources
Public Water Supply Section
1634 Mail Service Center | Raleigh, North Carolina 27699-1634
919 707 9100 | Lab Fax 919 715 6637 | Admin Fax 919 715 4374 | www.ncwater.org/pws/

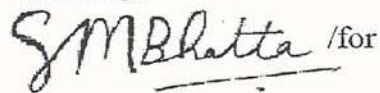
Ms. Renee Paschal, County Manager
Chatham County
Page 2 of 2
January 30, 2017

warranty of the design, construction or future operation of the water system.

One copy of the "Application for Approval..." and a copy of the plans and specifications with a seal of approval from the department are enclosed. One copy of the enclosed documents is being forwarded to our Raleigh Regional Office. The third copy is being retained in our files.

If the Public Water Supply Section can be of further service, please call (919) 707-9100.

Sincerely,

 /for

Robert W. Midgette, P.E.
Operations Branch Head
Public Water Supply Section

RWM/SMB

Enclosures: Approval Document

cc: Allen Hardy, Raleigh Regional Office
Chatham County Health Department
Diehl & Phillips, PA



ROY COOPER

Governor

MICHAEL S. REGAN

Secretary

S. JAY ZIMMERMAN

Director

January 30, 2017

RENEE PASCHAL, COUNTY MANAGER
P O BOX 1809
PITTSBORO, NC 27312

Re: **Authorization to Construct (This is not a Final Approval)**

ATC Date:

FEARRINGTON SECTION X AREA C & D

Serial No: **16-00925** Water System No: **NC0319126**
Chatham County

Dear Applicant:

This letter is to confirm that a complete Engineer's Report and a Water System Management Plan have been received, and that engineering plans and specifications have been approved by the Department for **FEARRINGTON SECTION X AREA C & D, Serial No.: 16-00925.**

The Authorization to Construct is valid for 24 months from the **Issue Date** (refer to next page). Authorization to Construct may be extended if the Rules Governing Public Water Supplies and site conditions have not changed (see Rule .0305). The Authorization to Construct and the engineering plans and specifications approval letter shall be posted at the primary entrance of the job site before and during construction.

Upon completion of the construction or modification, and prior to **placing the new construction or modification into service**, the applicant must submit an Engineer's Certification and Applicant's Certification directly to Lindsay Quant of this office.

- **Engineer's Certification:** in accordance with Rule .0303 (a), the applicant shall submit a certification statement signed and sealed by a registered professional engineer stating that construction was completed in accordance with approved engineering plans and specifications, including any provisions stipulated in the Department's engineering plan and specification approval letter.
- **Applicant's Certification:** in accordance with Rule .0303 (c), the applicant shall submit a signed certification statement indicating that the requirements for an Operation and Maintenance Plan and Emergency Management Plan have been satisfied in accordance with Rule .0307 (d) and (e) and that the system has a certified operator in accordance with Rule .1300. The "Applicant Certification" form is available at <http://deq.nc.gov/node/82930#planreview> (click on Plan Review Forms, under Plan Review heading).

If this Authorization to Construct is for a new public water system, the owner must submit a completed **application for an Operating Permit** and the appropriate fee. For a copy of the application for an Operating Permit please call (919) 707-9085.

Once the certifications and permit application and fee, (if applicable), are received and determined adequate, the Department will issue a Final Approval letter to the applicant. In accordance with Rule .0309 (a), **no portion of this project shall be placed into service until the Department has issued Final Approval.**

If the Public Water Supply Section can be of further assistance, please call (919) 707-9100.

Sincerely,

Robert W. Midgette, P.E., Operations Branch Head
Public Water Supply Section
Division of Water Resources

cc: ALLEN HARDY, Regional Engineer
DIEHL & PHILLIPS PA

1634 Mail Service Center, Raleigh, North Carolina 27699-1634

Phone: 919-707-9100 \ FAX: 919-715-4374 \ Lab Form FAX: 919-715-6637 \ Internet: www.ncwater.org/pws

An Equal Opportunity \ Affirmative Action Employer

North Carolina Department of Environmental Quality
Division of Water Resources

Public Water System Authorization to Construct

Public Water System Name
and Water System No.:

CHATHAM CO-NORTH
NC0319126

Project Name:

FEARRINGTON SECTION X AREA C & D

Serial No.:

16-00925

Issue Date:

Expiration Date:

24 Months after Issue Date

In accordance with NCAC 18C .0305, this Authorization to Construct must be posted
at the primary entrance to the job site during construction.



PAT MCCRORY

Governor

DONALD R. VAN DER VAART

Secretary

S. JAY ZIMMERMAN

Director

October 28, 2016

Roy B. Fitch, Jr., President
Fitch Creations, Inc.
2000 Fearington Village Center
Pittsboro, NC 27312

Subject: Permit No. WQ0038837
Fitch Creations, Inc.
Fearington Section X Area C & D
Wastewater Collection System Extension Permit
Chatham County

Dear Mr. Fitch:

In accordance with your application received September 26, 2016, we are forwarding herewith Permit No. WQ0038837 dated October 28, 2016, to Fitch Creations, Inc. (Permittee) for the construction and operation upon certification of the subject wastewater collection system extension. This permit shall be effective from the date of issuance until rescinded and shall be subject to the conditions and limitations as specified therein. This cover letter shall be considered a part of this permit and is therefore incorporated therein by reference.

Please pay particular attention to the following conditions contained within this permit:

- Condition II.1: This permit shall not be automatically transferable; a permit modification request for a name change must first be approved by this office.
- Condition II.4: Requires that the wastewater collection facilities be properly operated and maintained in accordance with 15A NCAC 2T .0403 or any individual system-wide collection system permit issued to the Permittee.
- Condition II.4e: High-priority sewer lines shall be inspected at least once per every six-months and inspections are documented. **This project contains one high priority line, an aerial sewer crossing.**

It shall be the responsibility of the Permittee to ensure that the as-constructed project meets the appropriate design criteria and rules. Failure to comply may result in penalties in accordance with North Carolina General Statute §143-215.6A through §143-215.6C, construction of additional or replacement wastewater collection facilities, and/or referral of the North Carolina-licensed Professional Engineer to the licensing board.

If any parts, requirements, or limitations contained in this permit are unacceptable, you have the right to request an adjudicatory hearing upon written request within 30 days following receipt of this permit. This request must be in the form of a written petition, conforming to Chapter 150B of North Carolina General

Fitch Creations, Inc.
Permit No. WQ0038837

Statutes, and filed with the Office of Administrative Hearings, 6714 Mail Service Center, Raleigh, NC 27699-6714. Unless such demands are made, this permit shall be final and binding.

If you need additional information concerning this matter, please contact Ted Cashion at (919) 791-4254 or via e-mail at ted.cashion@ncdenr.gov.

Sincerely,



for S. Jay Zimmerman, P.G.
Director, Division of Water Resources

by S. Daniel Smith, Regional Supervisor
Water Quality Regional Operations Section
Raleigh Regional Office
Division of Water Resources, NCDEQ

cc: Alan R. Keith, P.E., Diehl & Phillips, P.A., 1500 Piney Plains Road, Suite 200, Cary, NC 27518
Chatham County Health Department
Raleigh Regional Office Files
Water Resources Central Files

North Carolina Department of Environmental Quality

STATE OF NORTH CAROLINA
ENVIRONMENTAL MANAGEMENT COMMISSION
DEPARTMENT OF ENVIRONMENTAL QUALITY


WASTEWATER COLLECTION SYSTEM EXTENSION PERMIT

In accordance with the provisions of Article 21 of Chapter 143, General Statutes of North Carolina as amended, and other applicable Laws, Rules, and Regulations, permission is hereby granted to

Fitch Creations, Inc.
Chatham County

for the construction and operation of approximately 2,009 linear feet of 8-inch gravity sewer to serve 25 homes as part of the Fearington Section X Area C & D project, and the discharge of 6,250 gallons per day of collected domestic wastewater into the Fearington Utilities Inc.'s existing sewerage system, pursuant to the application received September 26, 2016 and in conformity with 15A NCAC 2T; the Division's Gravity Sewer Minimum Design Criteria adopted February 12, 1996 and updated in March 2008, as applicable; the Division's Minimum Design Criteria for the Fast-Track Permitting of Pump Stations and Force Mains adopted June 1, 2000 and updated March 2008, as applicable; and other supporting data subsequently filed and approved by the Department of Environmental Quality and considered a part of this permit.

This permit shall be effective from the date of issuance until rescinded and shall be subject to the specified conditions and limitations contained therein.

 For

S. Jay Zimmerman, P.G.
Director, Division of Water Resources
By Authority of The Environmental Management Commission

Permit Number: WQ0038837
Permit Issued: October 28, 2016

SUPPLEMENT TO PERMIT COVER SHEET

Fitch Creations, Inc. is hereby authorized to:

Construct, and then operate upon certification the aforementioned wastewater collection extension. The sewage and wastewater collected by this system shall be treated in the Fearington Village Wastewater Treatment Facility in accordance with Permit Number NC0043559.

Permitting of this project does not constitute an acceptance of any part of the project that does not meet 15A NCAC 2T; the Division's Gravity Sewer Minimum Design Criteria adopted February 12, 1996 and updated March 2008, as applicable; and the Division's Minimum Design Criteria for the Fast-Track Permitting of Pump Stations and Force Mains adopted June 1, 2000 and updated March 2008, as applicable, unless specifically mentioned herein. Division approval is based on acceptance of the certification provided by a North Carolina-licensed Professional Engineer in the application. It shall be the Permittee's responsibility to ensure that the as-constructed project meets the appropriate design criteria and rules.

Construction and operation is contingent upon compliance with the Standard Conditions and any Special Conditions identified below.

I. SPECIAL CONDITIONS

NONE

II. STANDARD CONDITIONS

1. This permit shall not be transferable. In the event there is a desire for the wastewater collection facilities to change ownership, or there is a name change of the Permittee, a formal permit request shall be submitted to the Division accompanied by documentation from the parties involved, and other supporting materials as may be appropriate. The approval of this request shall be considered on its merits and may or may not be approved. [15A NCAC 02T.0104; G.S 143-215.1(d3)]
2. This permit shall become voidable unless the wastewater collection facilities are constructed in accordance with the conditions of this permit; 15A NCAC 2T; the Division's Gravity Sewer Minimum Design Criteria adopted February 12, 1996 and updated March 2008, as applicable; the Division's Minimum Design Criteria for the Fast-Track Permitting of Pump Stations and Force Mains adopted June 1, 2000 and updated March 2008, as applicable; and other supporting materials unless specifically mentioned herein. [15A NCAC 02T.0110]
3. This permit shall be effective only with respect to the nature and volume of wastes described in the application and other supporting data. [15A NCAC 02T .0110]
4. The wastewater collection facilities shall be properly maintained and operated at all times. The Permittee shall maintain compliance with an individual system-wide collection system permit for the operation and maintenance of these facilities as required by 15A NCAC 2T .0403. If an individual permit is not required, the following performance criteria shall be met: [15A NCAC 02T .0108(b)]:

- a. The sewer system shall be effectively maintained and operated at all times to prevent discharge to land or surface waters, and to prevent any contravention of groundwater standards or surface water standards.
 - b. A map of the sewer system shall be developed and shall be actively maintained.
 - c. An operation and maintenance plan including pump station inspection frequency, preventative maintenance schedule, spare parts inventory and overflow response has been developed and implemented.
 - d. Pump stations that are not connected to a telemetry system shall be inspected every day (i.e. 365 days per year). Pump stations that are connected to a telemetry system shall be inspected at least once per week.
 - e. **High-priority sewer lines shall be inspected at least once per every six-months and inspections are documented. This project contains one high priority line, an aerial sewer crossing.**
 - f. A general observation of the entire sewer system shall be conducted at least once per year.
 - g. Overflows and bypasses shall be reported to the appropriate Division regional office in accordance with 15A NCAC 2B .0506(a), and public notice shall be provided as required by North Carolina General Statute §143-215.1C.
 - h. A Grease Control Program is in place as follows:
 - 1. For public owned collection systems, the Grease Control Program shall include at least biannual distribution of educational materials for both commercial and residential users and the legal means to require grease interceptors at existing establishments. The plan shall also include legal means for inspections of the grease interceptors, enforcement for violators and the legal means to control grease entering the system from other public and private satellite sewer systems.
 - 2. For privately owned collection systems, the Grease Control Program shall include at least bi-annual distribution of grease education materials to users of the collection system by the permittee or its representative.
 - 3. Grease education materials shall be distributed more often than required in Parts (1) and (2) of this Subparagraph if necessary to prevent grease-related sanitary sewer overflows.
 - i. Right-of-ways and easements shall be maintained in the full easement width for personnel and equipment accessibility.
 - j. Documentation shall be kept for Subparagraphs (a) through (i) of this Rule for a minimum of three years with exception of the map, which shall be maintained for the life of the system.
5. The Permittee shall report by telephone to a water resources staff member at the Raleigh Regional Office, telephone number (919) 791-4200, as soon as possible, but in no case more than 24 hours, following the occurrence or first knowledge of the occurrence of either of the following:

- a. Any process unit failure, due to known or unknown reasons, that renders the facility incapable of adequate wastewater transport, such as mechanical or electrical failures of pumps, line blockage or breakage, etc.; or
- b. Any SSO and/or spill over 1,000 gallons; or
- c. Any SSO and/or spill, regardless of volume, that reaches surface water

Voice mail messages or faxed information is permissible, but this shall not be considered as the initial verbal report. Overflows and spills occurring outside normal business hours may also be reported to the Division of Emergency Management at telephone number (800) 858-0368 or (919) 733-3300. Persons reporting any of the above occurrences shall file a spill report by completing and submitting Part I of Form CS-SSO (or the most current Division approved form) within five days following first knowledge of the occurrence. This report must outline the actions taken or proposed to be taken to ensure that the problem does not recur. Part II of Form CS-SSO (or the most current Division approved form) can also be completed to show that the SSO was beyond control. [G.S. 143-215.1C(a1)]

6. Construction of the gravity sewers, pump stations, and force mains shall be scheduled so as not to interrupt service by the existing utilities nor result in an overflow or bypass discharge of wastewater to the surface waters of the State. [15A NCAC 02T.0108(b)]
7. Upon completion of construction and prior to operation of these permitted facilities, the completed Engineering Certification form attached to this permit shall be submitted with the required supporting documents to the address provided on the form. A complete certification is one where the form is fully executed and the supporting documents are provided as applicable. Any wastewater flow made tributary to the wastewater collection system extension prior to completion of this Engineer's Certification shall be considered a violation of the permit and shall subject the Permittee to appropriate enforcement actions.

If the permit is issued to a private entity with an Operational Agreement, then a copy of the Articles of Incorporation, Declarations/Covenants/Restrictions, and Bylaws that have been appropriately filed with the applicable County's Register of Deeds office shall be submitted with the certification.

A complete certification is one where the form is fully executed and the supporting documents are provided as applicable. Supporting documentation shall include the following:

- a. One copy of the project construction record drawings (plan & profile views of sewer lines & force mains) of the wastewater collection system extension. Final record drawings should be clear on the plans or on digital media (CD or DVD disk) and are defined as the design drawings that are marked up or annotated with after construction information and show required buffers, separation distances, material changes, etc.
- b. One copy of the supporting applicable design calculations including pipe and pump sizing, velocity, pump cycle times, and level control settings, pump station buoyancy, wet well storage, surge protection, detention time in the wet well, and force main, ability to flush low points in force mains with a pump cycle, and downstream sewer capacity analysis. If a portable power source or pump is dedicated to multiple stations, an evaluation of all the pump stations' storage capacities and the rotation schedule of the portable power source or pump, including travel timeframes, shall be provided.

- c. Changes to the project that do not result in non-compliance with this permit, regulations, or the Minimum Design Criteria should be clearly identified on the record drawings, on the certification in the space provided, or in written summary form.

Prior to Certification (Final or Partial): Permit modifications are required for any changes resulting in non-compliance with this permit (including pipe length increases of 10% or greater, increased flow, pump station design capacity design increases of 5% or greater, and increases in the number/type of connections), regulations, or the Minimum Design Criteria. Requested modifications or variances to the Minimum Design Criteria will be reviewed on a case-by-case basis and each on its own merit. Please note that variances to the Minimum Design Criteria should be requested and approved during the permitting process prior to construction. After-construction requests are discouraged by the Division and may not be approved, thus requiring replacement or repair prior to certification & activation. [15A NCAC 02T .0116]

8. Gravity sewers installed greater than ten percent below the minimum required slope per the Division's Gravity Sewer Minimum Design Criteria shall not be acceptable and shall not be certified until corrected. If there is an unforeseen obstacle in the field where all viable solutions have been examined, a slope variance can be requested from the Division with firm supporting documentation. This shall be done through a permit modification with fee. Such variance requests will be evaluated on a case-by-case basis. Resolution of such request shall be evident prior to completing and submitting the construction certification. [15A NCAC 02T.0105(n)]
9. A copy of the construction record drawings shall be maintained on file by the Permittee for the life of the wastewater collection facilities. [15A NCAC 02T .0116]
10. Failure to abide by the conditions and limitations contained in this permit; 15A NCAC 2T; the Division's Gravity Sewer Design Criteria adopted February 12, 1996 and updated March 2008, as applicable; the Division's Minimum Design Criteria for the Fast-Track Permitting of Pump Station and Force Mains adopted June 1, 2000 and updated March 2008 as applicable; and other supporting materials may subject the Permittee to an enforcement action by the Division, in accordance with North Carolina General Statutes §143-215.6A through §143-215.6C, construction of additional or replacement wastewater collection facilities, and/or referral of the North Carolina-licensed Professional Engineer to the licensing board. [15A NCAC 02T .0104; 15A NCAC 02T .0108(b-c)]
11. In the event that the wastewater collection facilities fail to perform satisfactorily, including the creation of nuisance conditions, the Permittee shall take immediate corrective action, including those as may be required by this Division, such as the construction of additional or replacement facilities. [15A NCAC 02T .0110; 15A NCAC 02T .0108(b)]
12. The issuance of this permit shall not exempt the Permittee from complying with any and all statutes, rules, regulations, or ordinances that may be imposed by the Division any other Federal, State, or Local government agencies which have jurisdiction or obtaining other permits which may be required by the Division or any other Federal, State, of Local government agencies. [G.S. 143-215.1(b)]

FAST TRACK SEWER ENGINEERING CERTIFICATION

PERMITTEE: Fitch Creations, Inc.
PERMIT #: WQ0038837
PROJECT: Fearington Section X Area C & D
ISSUE DATE: October 28, 2016

This project shall not be considered complete nor allowed to operate in accordance with Condition 7 of this permit until the Division has received this Certification and all required supporting documentation. It should be submitted in a manner that documents the Division's receipt. Send the required documentation the Regional Supervisor, Water Quality Regional Operations Section at the address at the bottom.

Any wastewater flow made tributary to the wastewater collection system extension prior to completion of this Certification shall be considered a violation of the permit and shall subject the Permittee to appropriate enforcement actions. The Permittee is responsible for tracking all partial certifications up until a final certification is received. A Final Certification shall be a complete set of record drawings and design calculations regardless of whether partials have been submitted.

PERMITTEE'S CERTIFICATION

I, the undersigned agent for the Permittee, hereby state that this project has been constructed pursuant to the applicable standards & requirements, the Professional Engineer below has provided applicable design/construction information to the Permittee, and the Permittee is prepared to operate & maintain the wastewater collection system permitted herein or portions thereof.

Printed Name, Title

Signature

Date

ENGINEER'S CERTIFICATION

I, _____, as a duly registered Professional Engineer in the State of North Carolina, having been authorized to observe (periodically, weekly, full time) the construction of the project name and location as referenced above for the above Permittee hereby state that, to the best of my abilities, due care and diligence was used in the observation of the construction such that the construction was observed to be built within substantial compliance of this permit; 15A NCAC 02T; the Division of Water Resources' (Division) Gravity Sewer Minimum Design Criteria adopted February 12, 1996 and updated March 2008, as applicable; the Division's Minimum Design Criteria for the Fast-Track Permitting of Pump Stations and Force Mains adopted June 1, 2000 and updated March 2008, as applicable; and other supporting materials.

North Carolina Professional Engineer's Seal w/signature & date:

Final Partial (include description)



Certification Comments/Qualifiers (attach if necessary):



January 25, 2017

Mr. R.B. Fitch
Fitch Creations, Inc.
2000 Fearington Village Center
Pittsboro, NC 27513

AUTHORIZATION of Jordan Lake Water Supply Watershed Riparian Buffer Protection Rules (Watershed Protection Ordinance Section 304(J) 4 and 15A NCAC 2B .0267) Authorization Certificate

Project Name: Fearington Section X PUD

Dear Mr. Fitch,

Fitch Creations, Inc., has our authorization, in accordance with the Chatham County Watershed Protection Ordinance and any conditions listed below, to impact approximately 1,215 ft² of Zone 1 and 807 ft² of Zone 2 of the protected riparian buffers for the purpose of constructing a private 20-ft wide sanitary sewer line associated with the development of Section X Areas C and D of the Fearington Subdivision as described within your application dated January 13, 2017, in the Pre-Construction Notification, on the Impact Map received on January 13, 2017, and on the Overall Impact Plans and Erosion Control Plans received on January 25, 2017. Per your application this review and authorization is only valid for impacts associated with the proposed 20-ft wide sanitary sewer, drainage & access easement as depicted on the plans provided. In addition, you should obtain or otherwise comply with any other required federal, state or local permits before you go ahead with your project including (but not limited to) Erosion and Sediment Control and Non-discharge regulations.

This authorization certification is for the purpose and design that you described in your application. If you change your project, you must notify us and you may be required to send us a new application. If the property is sold, the new owner must be given a copy of this authorization letter and is thereby responsible for complying with all conditions. This authorization requires you to follow the conditions listed below.

The Additional Conditions of the Certification are:

1. Impacts Approved

The following impacts are hereby approved as long as all of the other specific and general conditions of this Certification are met. No other impacts are approved including incidental impacts:

	Amount Approved (Units)	Plan Location or Reference
Zone 1 Buffers	1,215 (square ft.)	Impact Map
Zone 2 Buffers	807 (square ft.)	Impact Map



2. No Waste, Spoil, Solids, or Fill of Any Kind

No waste, spoil, solids, or fill of any kind shall occur in riparian areas beyond the footprint of the impacts depicted in the Pre-Construction Notification. All construction activities, including the design, installation, operation, and maintenance of sediment and erosion control Best Management Practices, shall be performed so that no violations of county riparian buffer or state water quality standards, statutes, or rules occur.

3. Diffuse Flow

An additional condition is that all stormwater shall be directed as diffuse flow at non-erosive velocities through the protected stream buffers and will not re-concentrate before discharging into the stream as identified within Section 304(J)2 of the Watershed Protection Ordinance.

4. Protective Fencing

The outside buffer boundary and along the construction corridor within these boundaries approved under this authorization shall be clearly marked with orange warning fencing (or similar high visibility material) for the areas that have been approved to infringe within the buffer, wetland or water prior to any land disturbing activities to ensure compliance with the Watershed Protection Ordinance.

5. Certificate of Completion

Upon completion of all work approved within this authorization, and any subsequent modifications, the applicant is required to certify that the completed project is in accordance with this buffer authorization and shall submit actual „as-built“ plans.

6. Deed Notifications

Deed notifications or similar mechanisms shall be placed on all retained protective buffers in order to assure compliance for future buffer impact. These mechanisms shall be put in place at the time of recording of the property, or easements, whichever is appropriate.

Any disputes over determinations regarding this Authorization of Approvable Impacts (associated with the approved buffer impacts) shall be referred in writing to the Director of the Division of Water Resources, c/o the 401 & Buffer Permitting Unit. The Director's decision is subject to review as provided in G.S. 150B Articles 3 and 4.

The mailing address for the 401 & Buffer Permitting Unit is:

Ms. Karen Higgins
1650 Mail Service Center
Raleigh, NC 27699-1650
Telephone: 919-807-6300, Facsimile: 919-807-6494

This Authorization shall expire five (5) years from the date of this letter.

This letter completes the review of the “No Practical Alternatives” determination under Section 304(I) and 15A NCAC 2B .0267. If you have any questions or would like a copy of the buffer rules, please call Drew Blake at (919) 545-8394. This letter does not authorize any impacts to either Waters of the United States or Waters of the State. Please contact the US Army Corps of Engineers (USACE) or NC Division of Water Quality (DWQ) if any impacts are proposed to either of these waters.

Sincerely,



Mr. Dan LaMontagne, P.E.
Chatham County Watershed Administrator

cc: Jennifer Burdette, NC DWR 401/Buffer Coordinator
Andy Williams, USACE Raleigh Regulatory Field Office
Brian Burkhart, Director, Chatham County Department of Environmental Quality
Rachael Thorn, Supervisor, Chatham County Land & Water Resources Division
File Copy



RIPARIAN BUFFER AUTHORIZATION APPLICATION

· Double-click the boxes to select 'checked' or 'unchecked'. This is an un-protected document to allow as much user flexibility as possible. Changes to, or deletions of, content will not be tolerated. Please provide as much detail as possible to ensure prompt review and response to this application. Include maps or other graphics and photographs if available. If completed by hand, you are encouraged to utilize extra sheets of paper as necessary.

PROJECT INFORMATION	
Is the project within the Jordan Lake Watershed?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Is a change in lot configuration proposed?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is payment into a mitigation bank or in-lieu fee program proposed for mitigation of impacts? If yes, attach the acceptance letter from mitigation bank or in-lieu fee program.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Does the project require Corps of Engineers (Corps) or NC Division of Water Quality (NC DWQ) approval?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Name of Project:	Fearrington P.U.D. Section X Area C
Nearest Road Intersection:	East Camden & Millcroft
Subdivision Name:	Fearrington P.U.D.
OWNER INFORMATION	
Name(s) on Recorded Deed:	Fitch Creations, Inc.
Deed Book and Page No.:	DB 0386 Pg 0112
Responsible Party (for LLC if applicable):	Fitch Creations, Inc.
Street Address:	2000 Fearrington Village Center
City, State, Zip:	Pittsboro, NC 27513
Telephone No.:	919 542 2000
Fax No.:	
Email Address:	rb@fearrington.com
APPLICANT INFORMATION (if different from owner)	
An agent authorization letter is required if applicant is not the owner	
Applicant is:	<input type="checkbox"/> Agent <input type="checkbox"/> Other, specify:
Name:	R. B. Fitch.
Business Name (if applicable):	Fitch Creations, Inc.
Street Address:	2000 Fearrington Village Center
City, State, Zip:	Pittsboro, NC 27513
Telephone No:	919 542 2000
Fax No:	
Email Address:	rb@fearrington.com
PROJECT INFORMATION AND PRIOR PROJECT HISTORY	
Property Identification	Parcel No. 18998
Property No. (AKPAR):	
Coordinates (dd.ddddd):	Latitude: 35.7922 Longitude: 79.0808
Property size (ac.):	207.0
Surface Waters	Unnamed tributary to Bush Creek
Name of nearest body of water:	Bush Creek



Project Description	
Describe the existing conditions on the site and the general land use in the vicinity of the project at the time of this application: Woodland	
Explain the purpose of the proposed project: Sanitary Sewer Line –gravity (underground and aerial)	
Describe the overall project in detail, including the type of equipment to be used: Underground and aerial crossing of buffer within proposed sanitary sewer easement. Standard earthmoving and construction equipment to install an 8-inch gravity sewer and appurtenances.	
Total estimated acreage of all wetlands on the property:	unknown
Total estimated acreage of all FEMA floodplains on the property (SFHA):	unknown
Total linear feet of all streams on the property (Perennial, Intermittent, and Ephemeral):	unknown
Jurisdictional Determinations	
Have jurisdictional wetland or stream determinations by the Corps or NC DWQ been Requested for this property / project (including all phases) in the past?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Comments:
If yes, list the date(s) the determinations were provided:	March 12, 2012
Who delineated the jurisdictional areas (name): Soil & Environmental Consultants	Agency / Consulting Company / Other: Consultant
Project History	
Have permits or certifications been requested or obtained for this project (including all prior phases) in the past?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Comments:
If yes, explain in detail: Earlier sections of Fearington requested water, sewer, street, erosion control approvals. Similar permits have been requested for this Section	
Future Project Plans	
Is this a phased project?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Comments:
If yes, explain:	

PROJECT IMPACTS INVENTORY

Impacts Summary:

Which types of buffers will be impacted by the project? (check all that apply)

- Ephemeral (E, 30')
 Intermittent (I, 50')
 Perennial (P, 100')
 Perennial Water Body (WB, 50')
 Wetland (W, 50')
 FEMA Floodplain (FP, extents)

Buffer Impacts, reference each to attached figure or illustration:

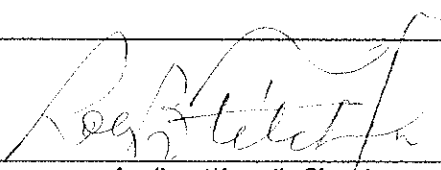
Buffer Impact number – permanent (P) or Temporary (T)	Purpose / Type of Impact	Stream Name: use name printed on USGS 7.5 minute topographic map, or UT (unnamed tributary of) <u>name on USGS map</u>	Buffer Type	Square Feet
B1 -	Sanitary sewer	UT to Bush Creek	Zone 1-I	1,215
B2 -	Sanitary sewer	UT to Bush Creek	Zone 2-I	807
B3 -				
B4 -				
B5 -				
B6 -				
B7 -				
B8 -				
B9 -				
B10 -				
B11 -				
B12 -				
B13 -				

Add rows as needed to list all buffer impacts separately. For buffers in the Jordan Lake Watershed, report I, P, and WB impacts as (Zone 1) first 30-feet, and (Zone 2) 30-50 feet landward. List any buffer impacts beyond Zone 2 normally.

Avoidance and Minimization

Specifically describe measures taken to avoid or minimize the proposed impacts in designing the project. This is the only buffer impact proposed for this Section. Topography precludes sewer service by gravity to this section. Actual stream crossing is proposed as aerial to minimize impacts.

Specifically describe measures taken to avoid or minimize the proposed impacts through construction techniques. Sewer at crossing is shallow depth or aerial to minimize the amount of buffer disturbed.

Buffer Mitigation – Required by NC DWQ					
Will the project result in an impact within a protected riparian buffer that requires buffer mitigation?			<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Comments:
If yes, then identify the square feet of the impact to each zone of the riparian buffer that requires mitigation. Calculate the amount of mitigation required.					
Zone	Type of Impact	Total Impact (square feet)	Multiplier	Required Mitigation (square feet)	
Zone 1					
Zone 2					
Total buffer mitigation required:					
If buffer mitigation is required, discuss what type of mitigation is proposed (e.g., payment into private mitigation bank, permittee responsible riparian buffer restoration, payment into an approved in-lieu fee fund):					
Comments:					
Diffuse Flow Plan (DWQ Requirement)					
Is a diffuse flow plan included? If no, explain why.			<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Proposed impact will restore existing contours					
Violations (DWQ Requirement)					
Is the site in violation of Chatham County Riparian Buffer Rules?			<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Is this an after-the-fact permit application?			<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
If you answered yes to either of the above, provide an explanation of the violation(s):					
Cumulative Impacts (DWQ Requirement)					
Will this project (based on past and reasonably anticipated future impacts) result in additional development, which could impact nearby downstream water quality?			<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
If yes, submit a qualitative and quantitative cumulative impact analysis in accordance with the most recent DWQ policy. If no, provide a short narrative description.					
Roy B. Fitch					Date:
Applicant/Agent's Printed Name		Applicant/Agent's Signature (Agent's signature is valid only if an authorization letter form the applicant is provided).			Click here to enter a date. Nov 8, 2016

Basin No.	Tributary Dist. Area AC	Total DA AC	Basin Size			Surface Area Sq. Ft.	Basin Volume Cu. Ft.	Storage Life	Weir Length Ft.	Skimmer Size (Dia) In	Orifice Dia. In
			L* Ft.	W* Ft.	Depth* Ft.						
			1 year								
SB-1	0.23	0.23	33	16	3	528	846	1 year	10	2	0.50
SB-2	0.64	0.41	48	24	3	1152	2304	1 year	10	2	0.75
SB-3	0.52	0.20	42	21	3	882	1656	1 year	10	2	0.50
SB-4	0.34	0.34	38	19	3	722	1284	1 year	10	2	0.75
SB-5	0.17	0.17	30	14	3	420	612	1 year	10	2	0.50
SB-6	0.24	0.14	29	15	3	435	657	1 year	10	2	0.50
SB-7	0.45	0.45	42	21	4	882	1656	1 year	10	2	0.75
SB-8	0.60	0.60	60	18	4	1080	2165	1 year	10	2	0.75
SB-9	0.41	0.41	41	20	3	820	1506	1 year	10	2	0.75

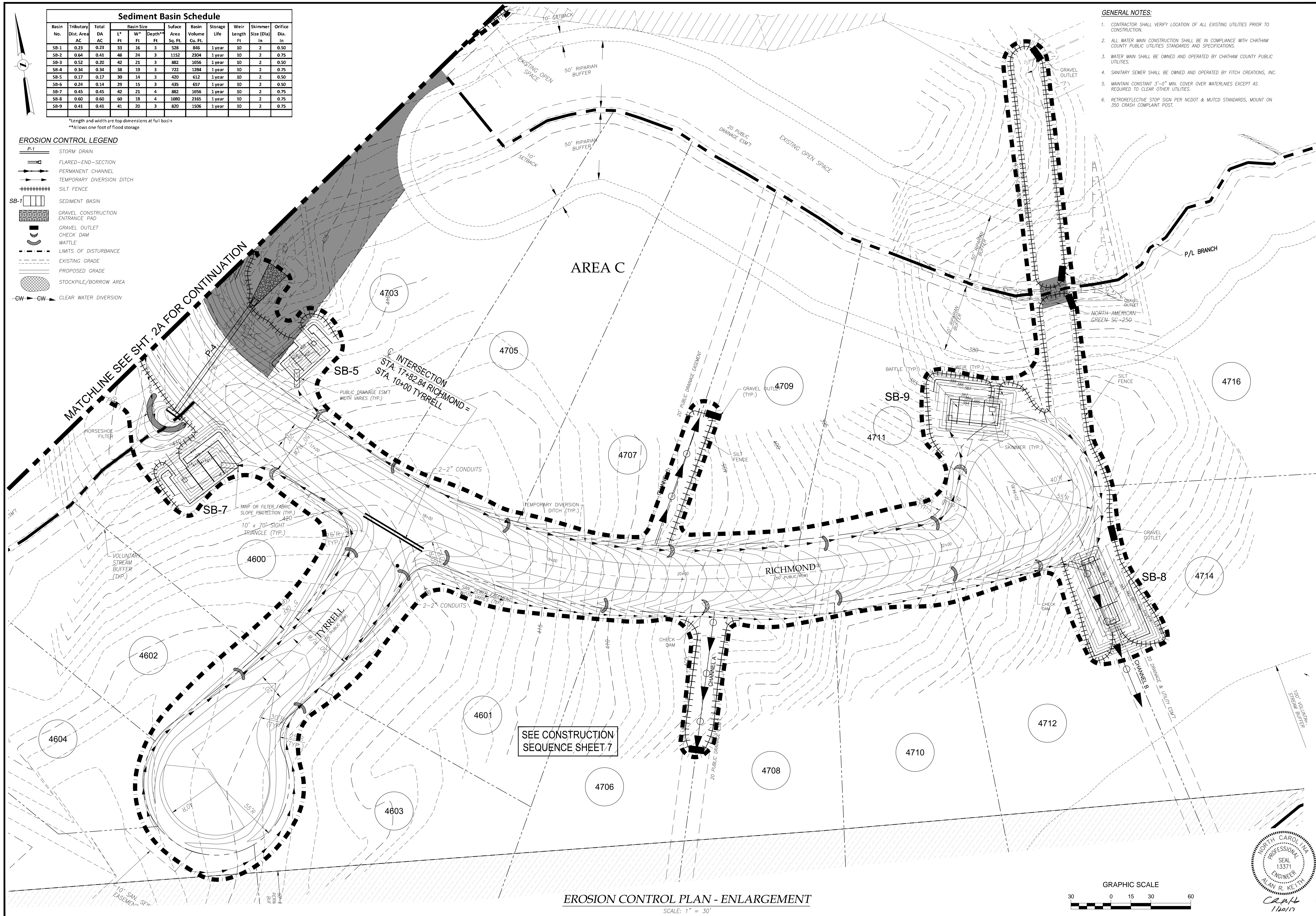
*Length and width are top dimensions at full basin
 **Allows one foot of flood storage

EROSION CONTROL LEGEND

- P-1 STORM DRAIN
- FLARED-END-SECTION
- PERMANENT CHANNEL
- TEMPORARY DIVERSION DITCH
- SILT FENCE
- SB-1 SEDIMENT BASIN
- GRAVEL CONSTRUCTION ENTRANCE PAD
- GRAVEL OUTLET
- CHECK DAM
- WATTLE
- LIMITS OF DISTURBANCE
- EXISTING GRADE
- PROPOSED GRADE
- STOCKPILE/BORROW AREA
- CW → CW CLEAR WATER DIVERSION

GENERAL NOTES:

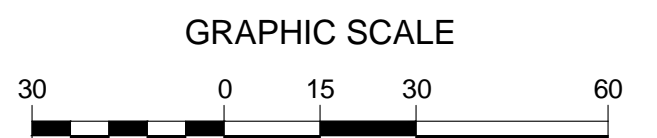
1. CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
2. ALL WATER MAIN CONSTRUCTION SHALL BE IN COMPLIANCE WITH CHATHAM COUNTY PUBLIC UTILITIES STANDARDS AND SPECIFICATIONS.
3. WATER MAIN SHALL BE OWNED AND OPERATED BY CHATHAM COUNTY PUBLIC UTILITIES.
4. SANITARY SEWER SHALL BE OWNED AND OPERATED BY FITCH CREATIONS, INC.
5. MAINTAIN CONSTANT 3"-0" MIN. COVER OVER WATERLINES EXCEPT AS REQUIRED TO CLEAR OTHER UTILITIES.
6. RETROREFLECTIVE STOP SIGN PER NCDOT & MUTCD STANDARDS, MOUNT ON 350 CRASH COMPLAINT POST.

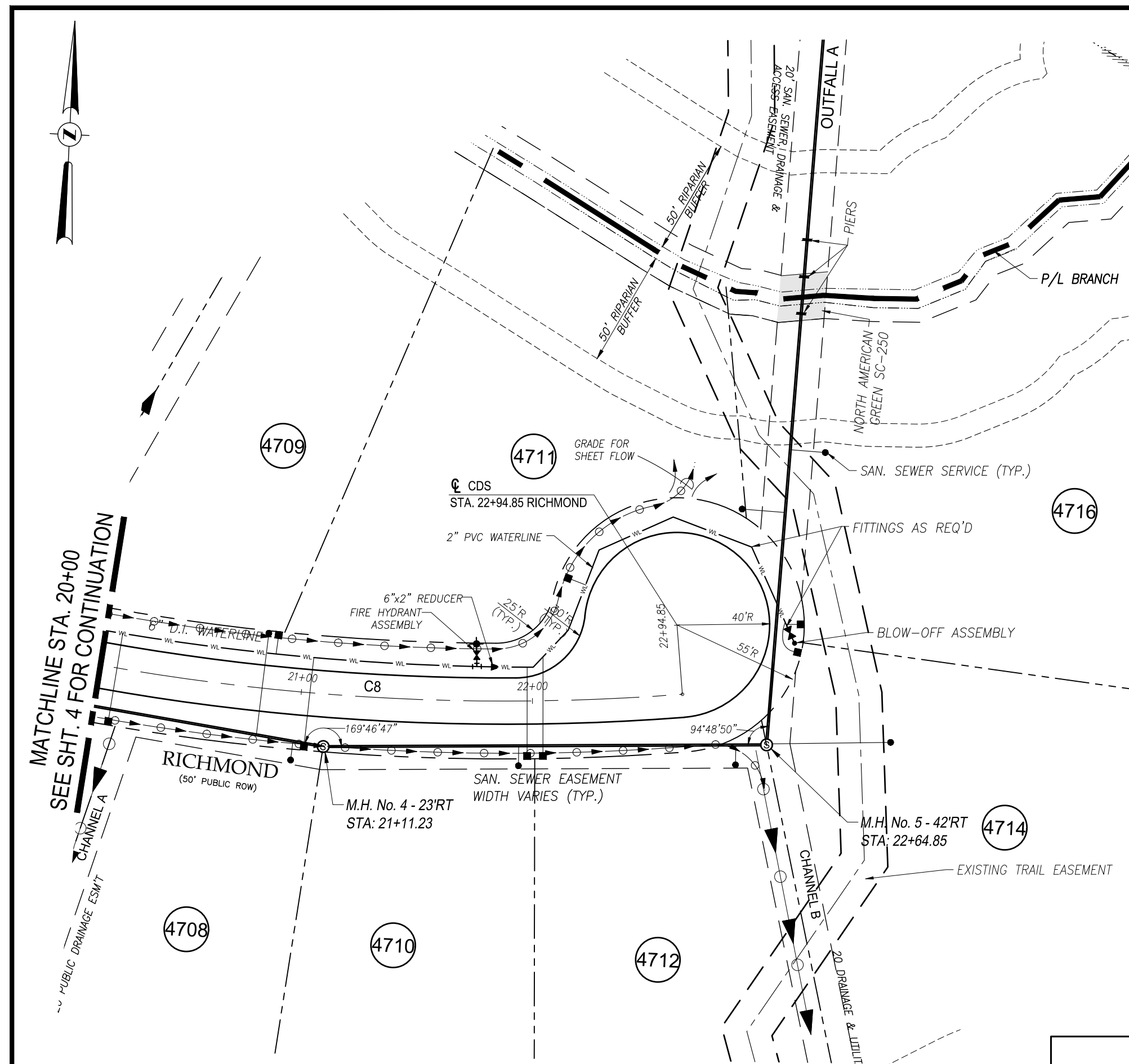


SEE CONSTRUCTION SEQUENCE SHEET 7

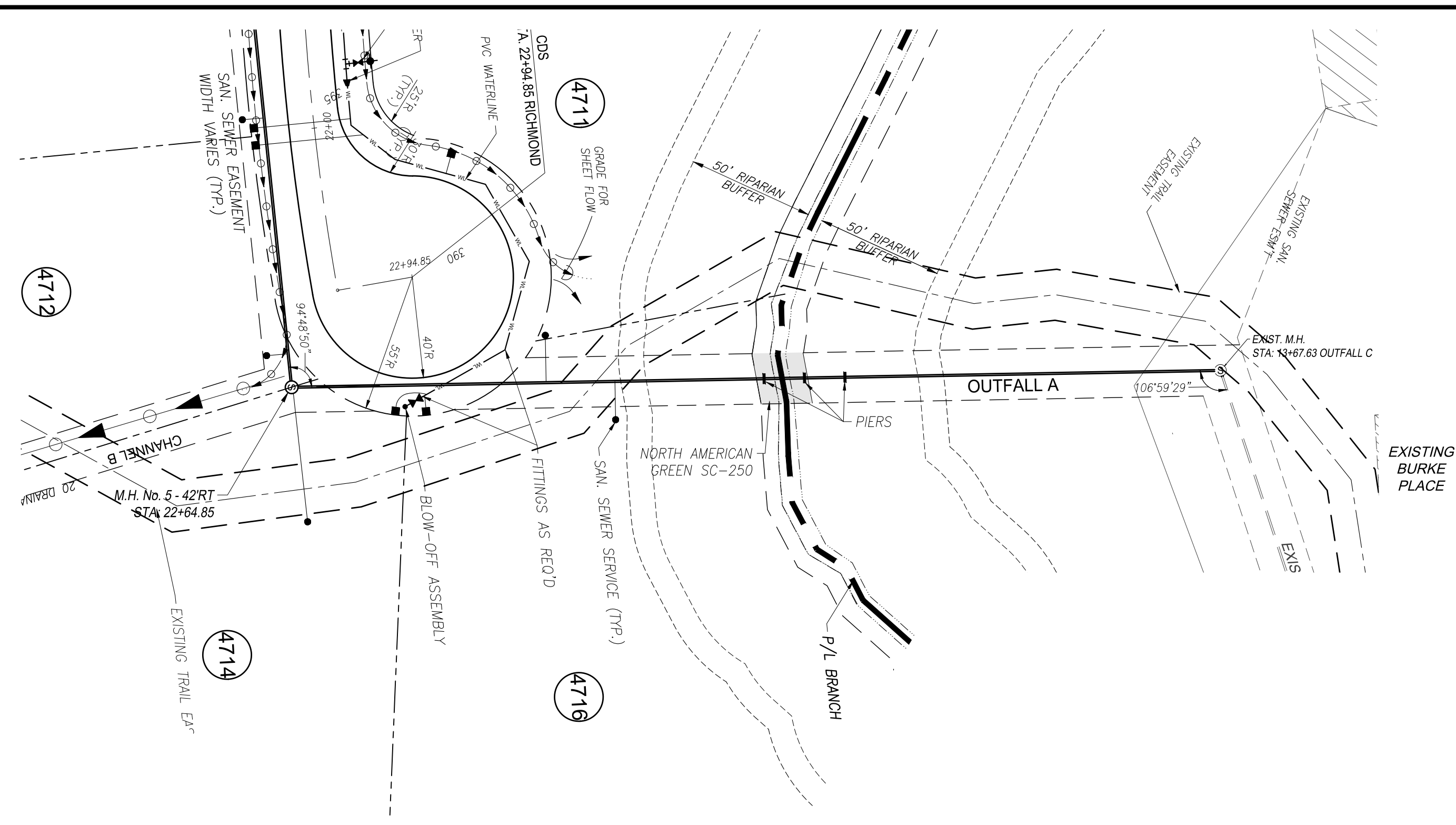
EROSION CONTROL PLAN - ENLARGEMENT

SCALE: 1" = 30'



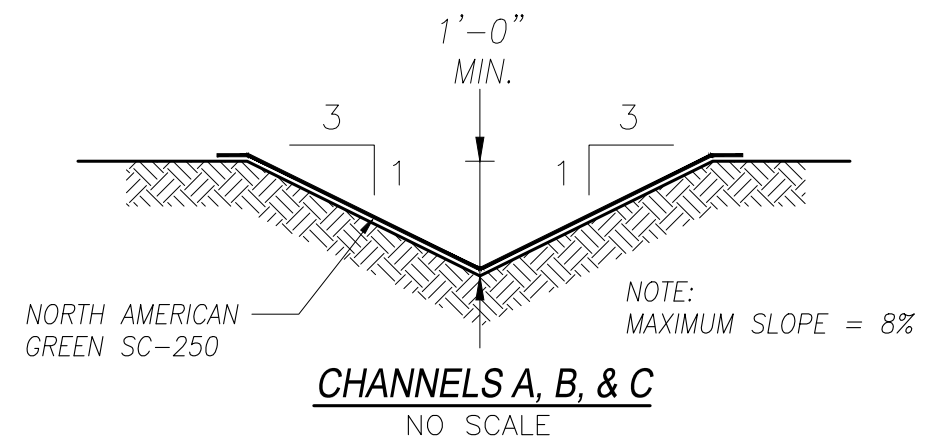


PLAN - RICHMOND STA. 20+00 CDS
(50' PUBLIC ROW)
SCALE: 1" = 40'

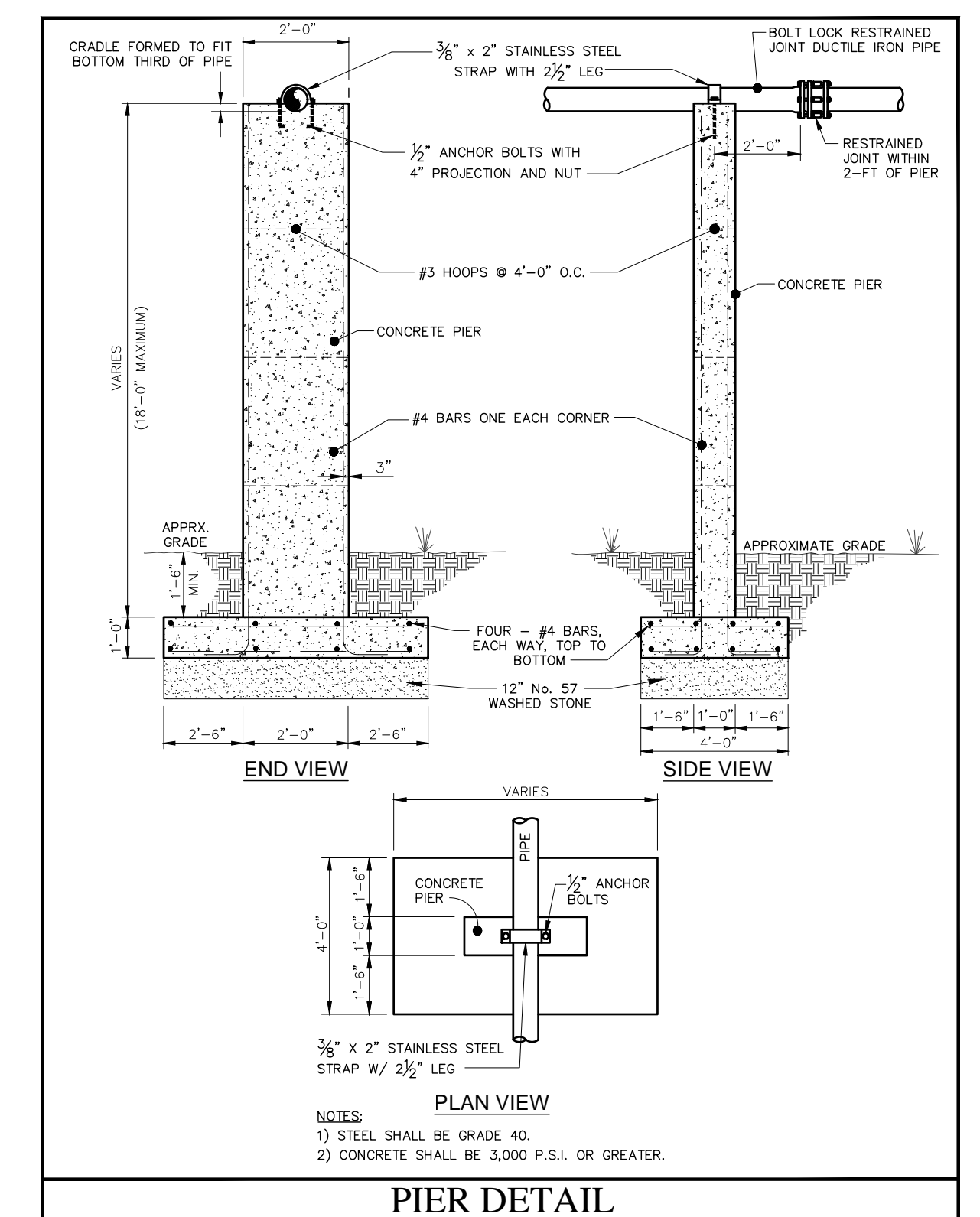


PLAN - OUTFALL A
SCALE: 1" = 40'

Curve Data				
Curve #	Radius	Length	Chord Length	Delta
C8	990.92	265.33	264.54	15.34

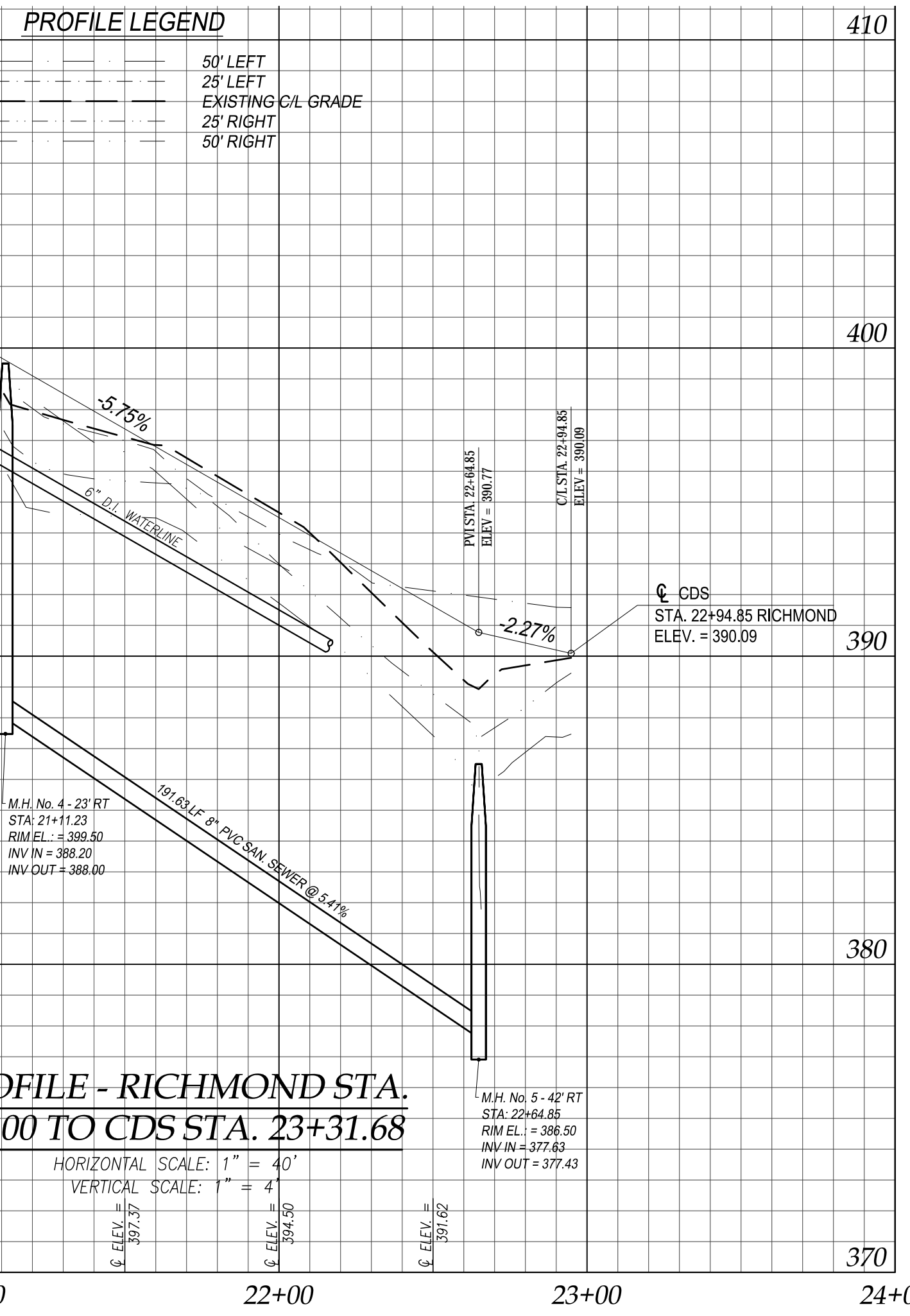


CHANNELS A, B, & C
NO SCALE

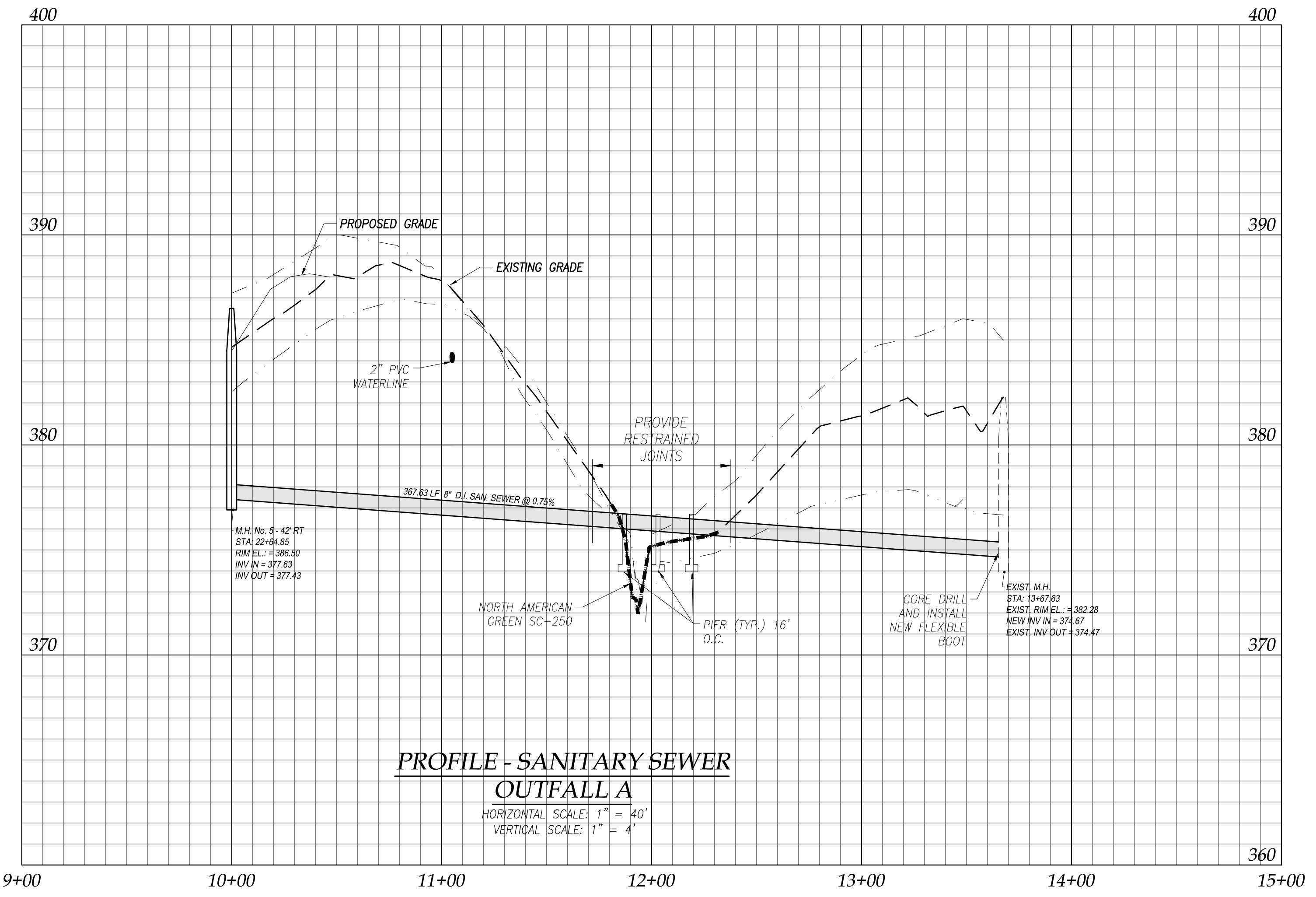


PIER DETAIL

- DITCH LEGEND**
- 12" CLASS B RIP-RAP W/ FILTER FABRIC
 - NORTH AMERICAN GREEN SC-250
 - EXCELSIOR MATTING

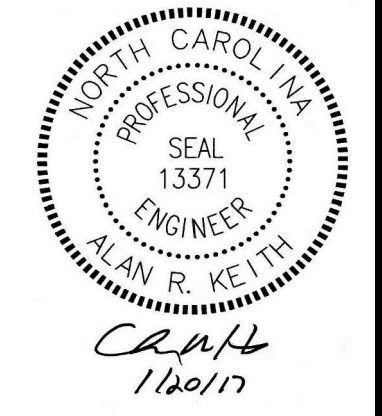


PROFILE - RICHMOND STA. 20+00 TO CDS STA. 23+31.68
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'



PROFILE - SANITARY SEWER OUTFALL A
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'

- GENERAL NOTES:**
- CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
 - ALL WATER MAIN CONSTRUCTION SHALL BE IN COMPLIANCE WITH CHATHAM COUNTY PUBLIC UTILITIES STANDARDS AND SPECIFICATIONS.
 - WATER MAIN SHALL BE OWNED AND OPERATED BY CHATHAM COUNTY PUBLIC UTILITIES.
 - SANITARY SEWER SHALL BE OWNED AND OPERATED BY FITCH CREATIONS, INC.
 - MAINTAIN CONSTANT 3'-0" MIN. COVER OVER WATERLINES EXCEPT AS REQUIRED TO CLEAR OTHER UTILITIES.
 - RETROREFLECTIVE STOP SIGN PER NCDOT & MUTCD STANDARDS, MOUNT ON 350 CRASH COMPLIANT POST.



SEEDBED PREPARATION

- Chisel compacted areas and spread topsoil 3 inches deep over diverse soil conditions, if available.
- Rip the entire area to 6 inches depth.
- Remove all loose rock, roots, and other obstructions leaving surface reasonably smooth and uniform.
- Apply agricultural lime, fertilizer, and superphosphate uniformly and mix with soil (see below).
- Continue tillage until a well-pulverized, firm, reasonably uniform seedbed is prepared 4 to 6 inches deep.
- Seed on a freshly prepared seedbed and cover seed lightly with seeding equipment or cultipack after seeding.
- Mulch immediately after seeding and anchor mulch.
- Inspect all seeded areas and make necessary repairs or reseedings within the planting season, if possible. If stand should be over 60% damaged, reestablish following original time, fertilizer and seeding rates.
- Consult Erosion Control Officer on maintenance treatment and fertilization after permanent cover is established.

- * Apply Agricultural Limestone - 2 tons/acre (3 tons/acre in clay soils)
- Fertilizer - 1,000 lbs/acre - 10-10-10
- Superphosphate - 500 lbs/acre - 20% analysis
- Mulch - 2 tons/acre - small grain straw
- Anchor - Asphalt Emulsion @ 300 gals./acre

SEEDING SCHEDULE

Shoulders, Side Ditches, Slopes (MAX. 3:1)

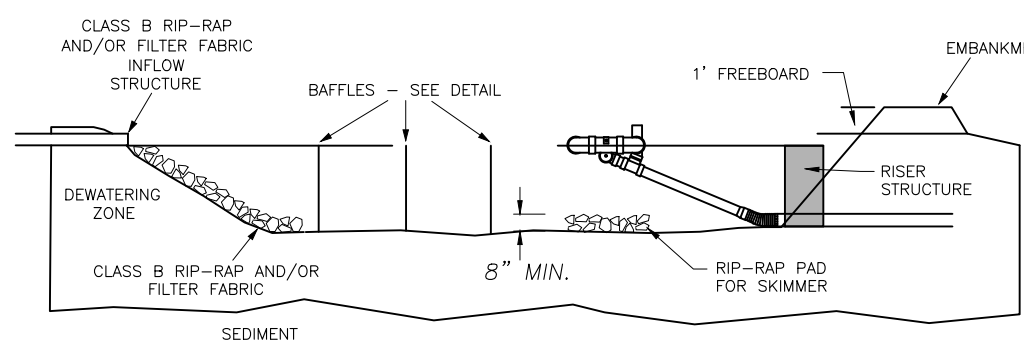
Date	Type	Planting Rate
Aug 15-Nov 1	Tall Fescue	300 lbs./acre
Nov 1-Mar 1	Tall Fescue & Abruzzi Rye	300 lbs./acre
Mar 1-Apr 15	Tall Fescue	25 lbs./acre
Apr 15-June 30	Hulled Common Bermudagrass	300 lbs./acre
Jul 1-Aug 15	Tall Fescue and *** Browntop Millet	120 lbs./acre
	** or Sorghum-Sudan Hybrids	35 lbs./acre
	*** or Sorghum-Sudan Hybrids	30 lbs./acre
Slopes (3:1 to 2:1)		
Mar 1-June 1	Sericea Lespedeza (scarified)	50 lbs./acre
(Mar 1-Apr 15)	Add Tall Fescue	120 lbs./acre
(Mar 1-June 30)	or Add Hulled Common Bermudagrass	25 lbs./acre
June 1-Sep 1	Tall Fescue and *** Browntop Millet ** or Sorghum-Sudan Hybrids	120 lbs./acre
Sep 1-Mar 1	Sericea Lespedeza (unhulled-unsscarified)	70 lbs./acre
	and Tall Fescue	120 lbs./acre
(Nov 1-Mar 1)	Add Abruzzi Rye	25 lbs./acre

Consult Conservation Engineer or Soil Conservation Service for additional information concerning other alternatives for vegetation of denuded areas. The above vegetation rates are those which do well under local conditions; other seeding rate combinations are possible. For a low quality turf, double or triple rates.

***Temporary - Reseed according to optimum season for desired permanent vegetation. Do not allow temporary cover to grow over 12" in height before mowing, otherwise fescue may be shaded out.

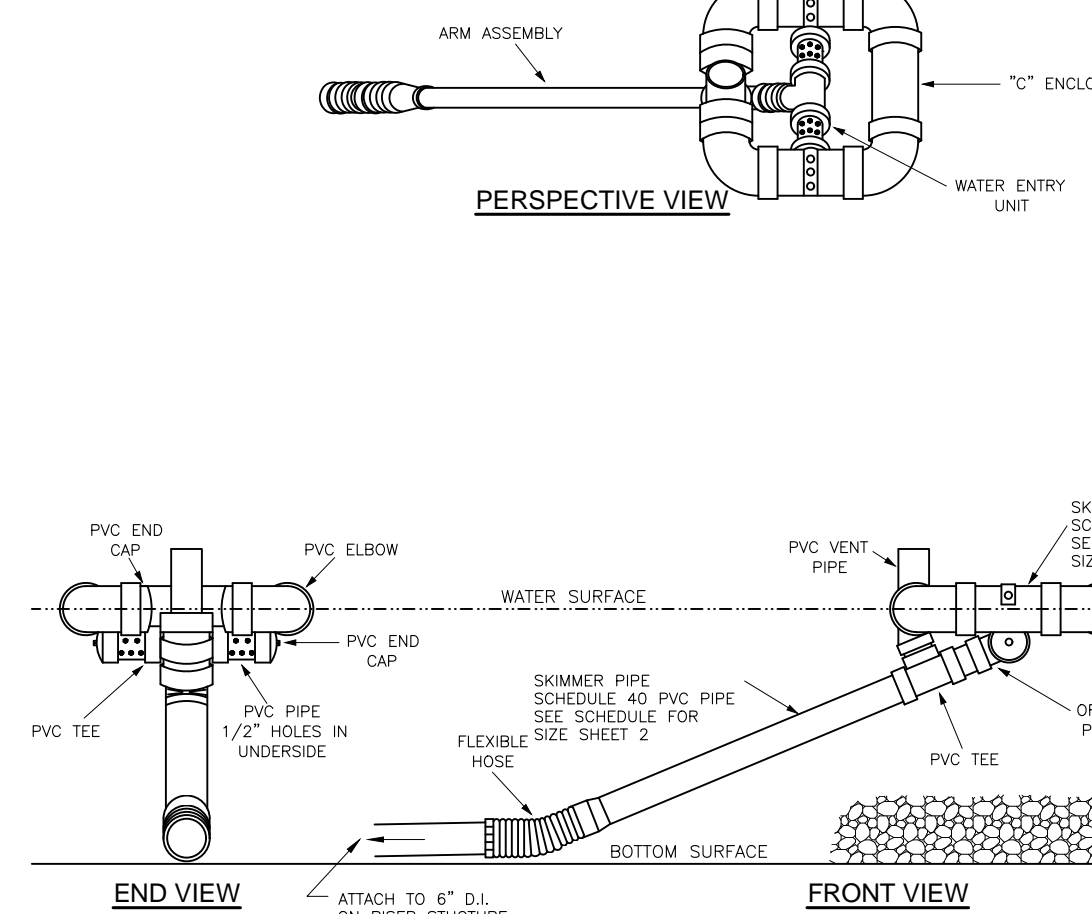
TEMPORARY DIVERSION SWALE DETAIL

Maintenance
Inspect temporary diversions once a week and after every rainfall. Immediately remove sediment from the flow area and repair the diversion ridge. Carefully check outlets and make timely repairs as needed. When the area protected is permanently stabilized, remove the ridge and the channel to blend with the natural ground level and appropriately stabilize it.



CROSS-SECTION VIEW

PERSPECTIVE VIEW



END VIEW

FRONT VIEW

PLAN VIEW

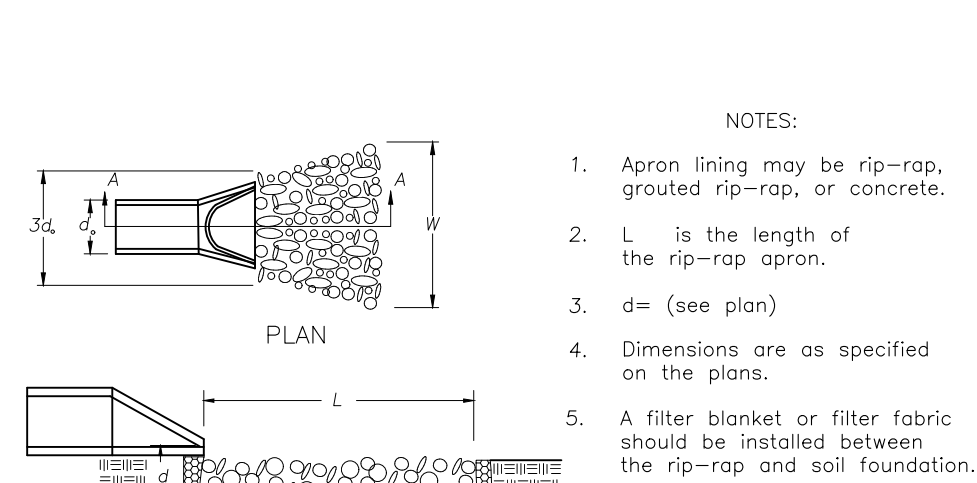
SKIMMER BASIN DETAIL

CONSTRUCTION SEQUENCE

- Obtain grading permit. Schedule and hold pre-construction meeting with Chatham County Erosion and Sedimentation Control Inspector. Construct temporary stream crossing.
- Install gravel entrance and all silt fence. Clear only as required for silt fence.
- Construct sediment basins and clear water diversion. Stabilize immediately. Install pipe P-1 with dissipator.
- Construct temporary diversion ditches. Stabilize immediately.
- Call (919) 545-8343 for on-site inspection by an Erosion Control Officer. If approved, begin clearing and grubbing.
- Provide all monitoring, inspection, and record keeping as required by conditions of NC001000 Storm Water Discharge Permit. Provide copies to Chatham County Erosion Control Officer.
- Rough grade site. Maintain devices weekly, after each rain and as needed. Stabilize pipe outlet areas before pipe construction.
- Install utilities and storm drainage. Provide inlet protection for all inlets.
- Stabilize site as areas are brought up to finish grade with vegetation, paving, etc. The angle for graded slopes and fills shall be no greater than the angle that can be retained by vegetative cover or other adequate erosion control devices or structures. In any event, slopes left exposed will, within 21 calendar days of completion of any phase of trading, be planted or otherwise provided with temporary ground cover, devices or structures sufficient to restrain erosion.
- When construction is complete and all areas are stabilized completely, call for inspection by Erosion Control Officer.
- If site is approved, remove temporary diversions, silt fencing, and seed out or pave any bare areas. Stabilize these areas immediately. Install channels A-C.
- When vegetation has become established, call for final site inspection by Erosion Control Officer.
- Obtain Certificate of Completion.

SEDIMENT BASIN CONVERSION

- Remove skimmer.
- Remove baffles.
- Remove sediment and dispose on approved site.
- Grade sediment basin to detention basin final contours.
- Seed and stabilize slopes.
- Clean outlet pipes. Install rip rap dissipators, rip rap weirs.
- When site is fully stabilized, call Erosion Control Officer for approval of removing remaining temporary erosion control measures and advice on when site can be issued a certificate of completion.



SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

SECTION A-A

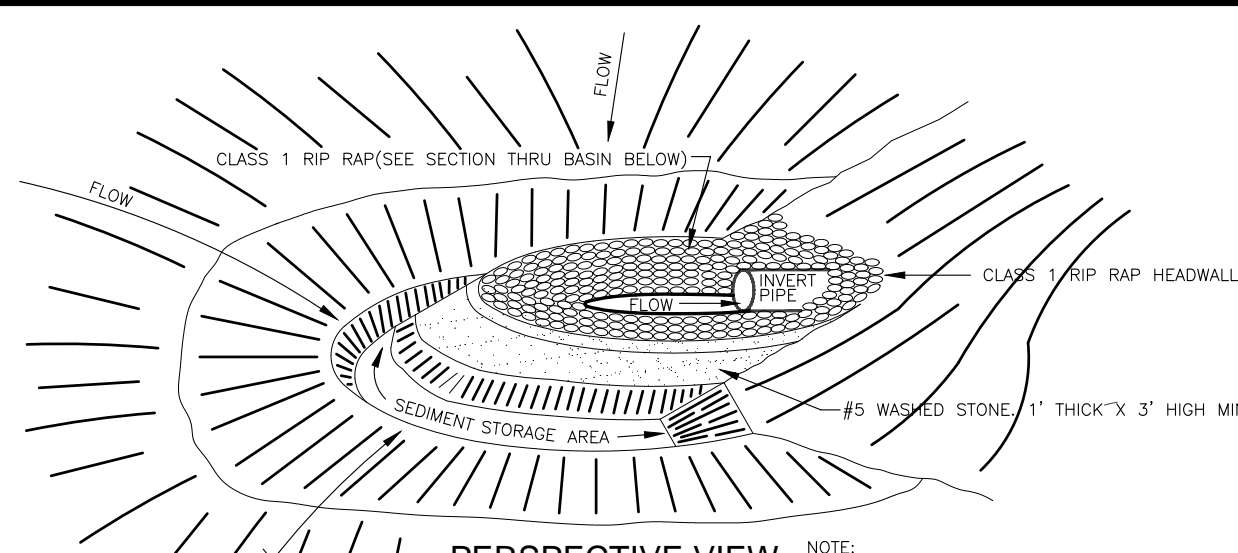
SECTION A-A

SECTION A-A

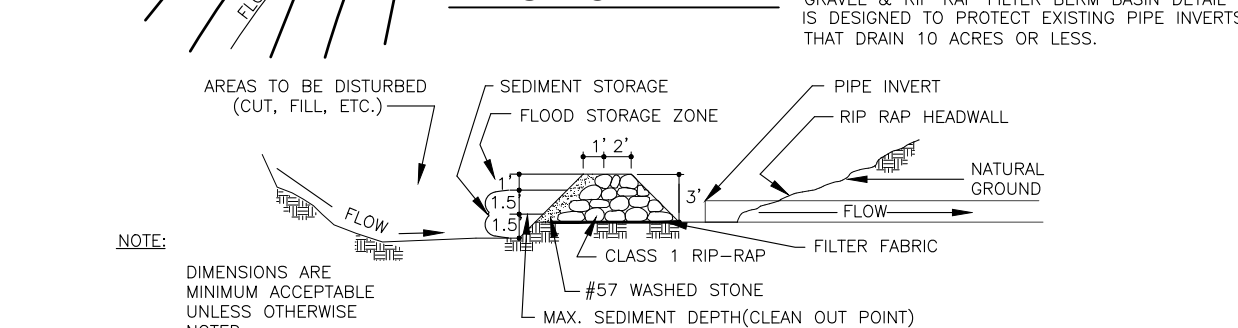
SECTION A-A

SECTION A-A

SECTION A-A



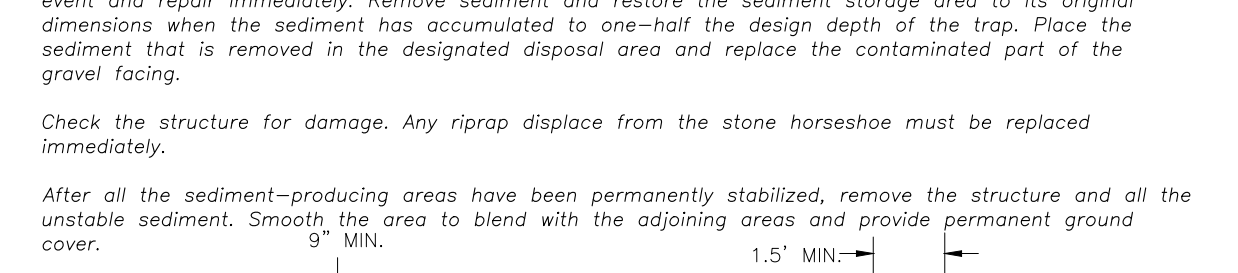
PERSPECTIVE VIEW



SECTION THRU BASIN, FILTER AND CULVERT PIPE

GRAVEL & RIP RAP HORSESHOE INLET BASIN

Maintenance
Inspect rock pipe inlet protection at least weekly and after each significant (1/2 inch or greater) rainfall event and repair immediately. Remove sediment and restore the sediment storage area to its original dimensions when the sediment has accumulated to one-half the design depth of the trap. Place the sediment that is removed in the designated disposal area and replace the contaminated part of the gravel facing.



SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

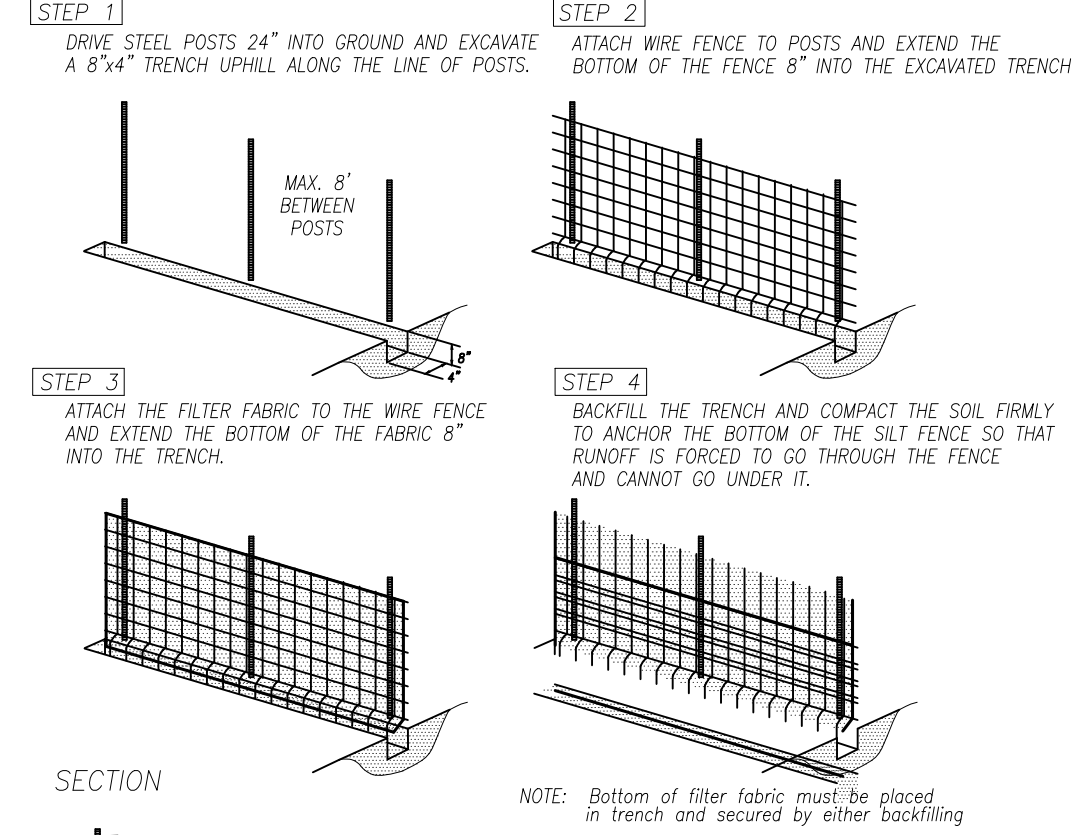
SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

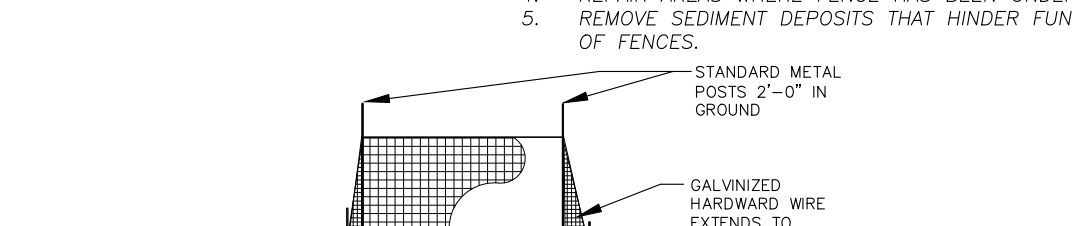
SILT FENCE



SECTION THRU BASIN, FILTER AND CULVERT PIPE

STANDARD CATCH BASIN / YARD INLET PROTECTION

Maintenance
Inspect inlets at least weekly and after each significant (1/2 inch or greater) rainfall event. Clear the mesh wire of any debris or other objects to provide adequate flow for subsequent rains. Take care not to damage or undercut the wire mesh during sediment removal. Replace stone as needed.



SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

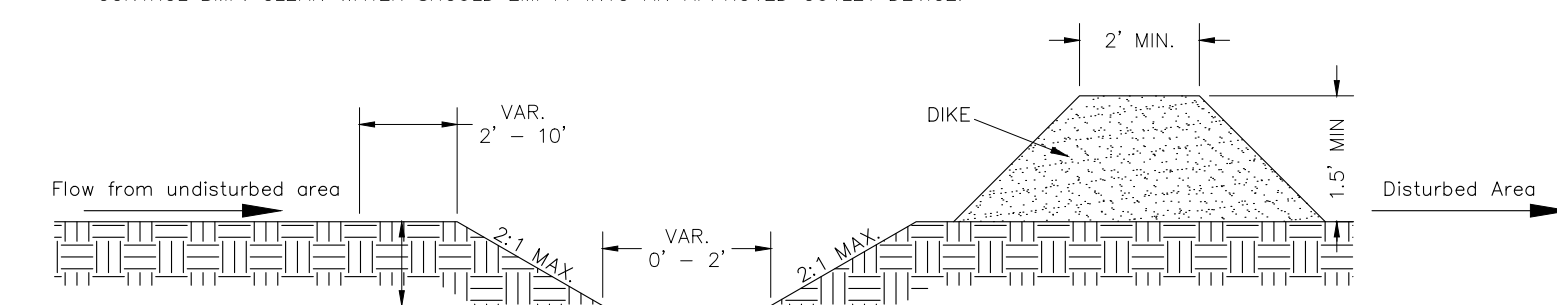
SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

NOTES:

- DIVERSION TO BE USED UPSLOPE OF A CONSTRUCTION SITE TO PREVENT STORM RUNOFF FROM ENTERING THE DISTURBED AREA.
- IMMEDIATELY LINE AND STABILIZE BEFORE ANY DOWNSLOPE GRADING BEGINS (STABILIZATION MUST OCCUR BEFORE ISSUANCE OF A CERTIFICATE OF COMPLIANCE). STABILIZATION METHOD IS BASED ON VELOCITY OF OFFSITE DRAINAGE.
- DIVERSIONS SHOULD ONLY BE USED FOR DRAINAGES 3 ACRES OR LESS.
- ANY SEDIMENT LADEN WATER PRIOR TO STABILIZATION OF THE DIVERSION MUST BE DIVERTED INTO AN APPROVED EROSION AND SEDIMENT CONTROL BMP. CLEAN WATER SHOULD EMPTY INTO AN APPROVED OUTLET DEVICE.



SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

SECTION THRU BASIN, FILTER AND CULVERT PIPE

**U.S. ARMY CORPS OF ENGINEERS
WILMINGTON DISTRICT**

Action Id. SAW-2012-00116 County: Chatham U.S.G.S. Quad: NC-FARRINGTON

NOTIFICATION OF JURISDICTIONAL DETERMINATION

Property Owner: Fitch Creations, Inc.
R.B. Fitch
Address: 2000 Fearington Village
Pittsboro, NC, 27312

Agent: S&EC
Attn: Steven Ball
Address: 11010 Raven Ridge Road
Raleigh, NC 27614

Property description: 25.246 acre parcel known as Fearington PUD, Section X, Phase 1 and 2 – within existing Fearington Development

Size (acres) 25.246

Nearest Waterway Bush Creek

USGS HUC 3030002

Location description: Section X, Phase 1 and 2, Fearington

Nearest Town Pittsboro

River Basin Haw. North Carolina.

Coordinates Latitude: 35.79269 Longitude: -79.0855

Indicate Which of the Following Apply:

A. Preliminary Determination

- Based on preliminary information, there may be wetlands on the above described property. We strongly suggest you have this property inspected to determine the extent of Department of the Army (DA) jurisdiction. To be considered final, a jurisdictional determination must be verified by the Corps. This preliminary determination is not an appealable action under the Regulatory Program Administrative Appeal Process (Reference 33 CFR Part 331). If you wish, you may request an approved JD (which may be appealed), by contacting the Corps district for further instruction. Also, you may provide new information for further consideration by the Corps to reevaluate the JD.

B. Approved Determination

- There are Navigable Waters of the United States within the above described property subject to the permit requirements of Section 10 of the Rivers and Harbors Act and Section 404 of the Clean Water Act. Unless there is a change in the law or our published regulations, this determination may be relied upon for a period not to exceed five years from the date of this notification.

- There are waters of the U.S. including wetlands on the above described project area subject to the permit requirements of Section 404 of the Clean Water Act (CWA)(33 USC § 1344). Unless there is a change in the law or our published regulations, this determination may be relied upon for a period not to exceed five years from the date of this notification.

We strongly suggest you have the wetlands on your property delineated. Due to the size of your property and/or our present workload, the Corps may not be able to accomplish this wetland delineation in a timely manner. For a more timely delineation, you may wish to obtain a consultant. To be considered final, any delineation must be verified by the Corps.

The waters of the U.S. including wetlands on your project area have been delineated and the delineation has been verified by the Corps. We strongly suggest you have this delineation surveyed. Upon completion, this survey should be reviewed and verified by the Corps. Once verified, this survey will provide an accurate depiction of all areas subject to CWA jurisdiction on your property which, provided there is no change in the law or our published regulations, may be relied upon for a period not to exceed five years.

The waters of the U.S. including wetlands have been delineated and surveyed and are accurately depicted on the plat signed by the Corps Regulatory Official identified below on March 12, 2012. Unless there is a change in the law or our published regulations, this determination may be relied upon for a period not to exceed five years from the date of this notification.

- There are no waters of the U.S., to include wetlands, present on the above described project area which are subject to the permit requirements of Section 404 of the Clean Water Act (33 USC 1344). Unless there is a change in the law or our

published regulations, this determination may be relied upon for a period not to exceed five years from the date of this notification.

The property is located in one of the 20 Coastal Counties subject to regulation under the Coastal Area Management Act (CAMA). You should contact the Division of Coastal Management in Morehead City, NC, at (252) 808-2808 to determine their requirements.

Placement of dredged or fill material within waters of the US and/or wetlands without a Department of the Army permit may constitute a violation of Section 301 of the Clean Water Act (33 USC § 1311). If you have any questions regarding this determination and/or the Corps regulatory program, please contact **Monte Matthews** at **919-554-4884** x30/Monte.K.Matthews@usace.army.mil.

C. Basis For Determination

Evidence of OHW mark and surface flow to Bush Creek, a tributary to Jordan Lake (a TNW).

D. Remarks

E. Attention USDA Program Participants

This delineation/determination has been conducted to identify the limits of Corps' Clean Water Act jurisdiction for the particular site identified in this request. The delineation/determination may not be valid for the wetland conservation provisions of the Food Security Act of 1985. If you or your tenant are USDA Program participants, or anticipate participation in USDA programs, you should request a certified wetland determination from the local office of the Natural Resources Conservation Service, prior to starting work.

F. Appeals Information (This information applies only to approved jurisdictional determinations as indicated in B. above)

This correspondence constitutes an approved jurisdictional determination for the above described site. If you object to this determination, you may request an administrative appeal under Corps regulations at 33 CFR Part 331. Enclosed you will find a Notification of Appeal Process (NAP) fact sheet and request for appeal (RFA) form. If you request to appeal this determination you must submit a completed RFA form to the following address:

US Army Corps of Engineers
South Atlantic Division
Attn: Jason Steele, Review Officer
60 Forsyth Street SW, Room 10M15
Atlanta, Georgia 30303-8801

In order for an RFA to be accepted by the Corps, the Corps must determine that it is complete, that it meets the criteria for appeal under 33 CFR part 331.5, and that it has been received by the Division Office within 60 days of the date of the NAP. Should you decide to submit an RFA form, it must be received at the above address by May 11, 2012.

****It is not necessary to submit an RFA form to the Division Office if you do not object to the determination in this correspondence.****

Corps Regulatory Official: Monte Matthews



Date: March 12, 2012

Expiration Date: March 12, 2017

The Wilmington District is committed to providing the highest level of support to the public. To help us ensure we continue to do so, please complete the attached customer Satisfaction Survey or visit <http://per2.nwp.usace.army.mil/survey.html> to complete the survey online.

Copy furnished:

S&EC, 11010 Raven Ridge Road, Raleigh, NC 27614

**NOTIFICATION OF ADMINISTRATIVE APPEAL OPTIONS AND PROCESS AND
REQUEST FOR APPEAL**

Applicant: Fitch Creations, Inc.	File Number: SAW-2012-00116	Date: March 12, 2012
Attached is:	See Section below	
<input type="checkbox"/> INITIAL PROFFERED PERMIT (Standard Permit or Letter of permission)	A	
<input type="checkbox"/> PROFFERED PERMIT (Standard Permit or Letter of permission)	B	
<input type="checkbox"/> PERMIT DENIAL	C	
<input checked="" type="checkbox"/> APPROVED JURISDICTIONAL DETERMINATION	D	
<input type="checkbox"/> PRELIMINARY JURISDICTIONAL DETERMINATION	E	

SECTION I - The following identifies your rights and options regarding an administrative appeal of the above decision. Additional information may be found at <http://www.usace.army.mil/inet/functions/cw/cecwo/reg> or Corps regulations at 33 CFR Part 331.

A: INITIAL PROFFERED PERMIT: You may accept or object to the permit.

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- **OBJECT:** If you object to the permit (Standard or LOP) because of certain terms and conditions therein, you may request that the permit be modified accordingly. You must complete Section II of this form and return the form to the district engineer. Your objections must be received by the district engineer within 60 days of the date of this notice, or you will forfeit your right to appeal the permit in the future. Upon receipt of your letter, the district engineer will evaluate your objections and may: (a) modify the permit to address all of your concerns, (b) modify the permit to address some of your objections, or (c) not modify the permit having determined that the permit should be issued as previously written. After evaluating your objections, the district engineer will send you a proffered permit for your reconsideration, as indicated in Section B below.

B: PROFFERED PERMIT: You may accept or appeal the permit

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- **APPEAL:** If you choose to decline the proffered permit (Standard or LOP) because of certain terms and conditions therein, you may appeal the declined permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

C: PERMIT DENIAL: You may appeal the denial of a permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

D: APPROVED JURISDICTIONAL DETERMINATION: You may accept or appeal the approved JD or provide new information.

- **ACCEPT:** You do not need to notify the Corps to accept an approved JD. Failure to notify the Corps within 60 days of the date of this notice, means that you accept the approved JD in its entirety, and waive all rights to appeal the approved JD.
- **APPEAL:** If you disagree with the approved JD, you may appeal the approved JD under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the district engineer. This form must be received by the division engineer within 60 days of the date of this notice.

E: PRELIMINARY JURISDICTIONAL DETERMINATION: You do not need to respond to the Corps regarding the preliminary JD. The Preliminary JD is not appealable. If you wish, you may request an approved JD (which may be appealed), by contacting the Corps district for further instruction. Also you may provide new information for further consideration by the Corps to reevaluate the JD.

SECTION II - REQUEST FOR APPEAL or OBJECTIONS TO AN INITIAL PROFFERED PERMIT

REASONS FOR APPEAL OR OBJECTIONS: (Describe your reasons for appealing the decision or your objections to an initial proffered permit in clear concise statements. You may attach additional information to this form to clarify where your reasons or objections are addressed in the administrative record.)

ADDITIONAL INFORMATION: The appeal is limited to a review of the administrative record, the Corps memorandum for the record of the appeal conference or meeting, and any supplemental information that the review officer has determined is needed to clarify the administrative record. Neither the appellant nor the Corps may add new information or analyses to the record. However, you may provide additional information to clarify the location of information that is already in the administrative record.

POINT OF CONTACT FOR QUESTIONS OR INFORMATION:

If you have questions regarding this decision and/or the appeal process you may contact:
**District Engineer, Wilmington Regulatory Division,
 Attn: Monte Matthews**

If you only have questions regarding the appeal process you may also contact:
 Mr. Jason Steele, Administrative Appeal Review Officer
 CESAD-PDO
 U.S. Army Corps of Engineers, South Atlantic Division
 60 Forsyth Street, Room 10M15
 Atlanta, Georgia 30303-8801
 Phone: (404) 562-5137

RIGHT OF ENTRY: Your signature below grants the right of entry to Corps of Engineers personnel, and any government consultants, to conduct investigations of the project site during the course of the appeal process. You will be provided a 15 day notice of any site investigation, and will have the opportunity to participate in all site investigations.

_____ Signature of appellant or agent.	Date:	Telephone number:
---	-------	-------------------

For appeals on Initial Proffered Permits send this form to:

District Engineer, Wilmington Regulatory Division, Attn: Monte Matthews, 69 Darlington Avenue, Wilmington, North Carolina 28403

For Permit denials, Proffered Permits and approved Jurisdictional Determinations send this form to:

**Division Engineer, Commander, U.S. Army Engineer Division, South Atlantic, Attn: Mr. Jason Steele, Administrative Appeal Officer, CESAD-PDO, 60 Forsyth Street, Room 10M15, Atlanta, Georgia 30303-8801
 Phone: (404) 562-5137**

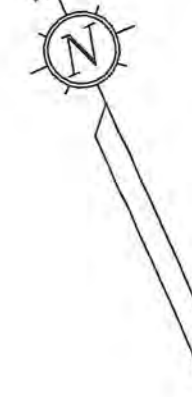
COPY

RECEIVED

NOV 29 2010

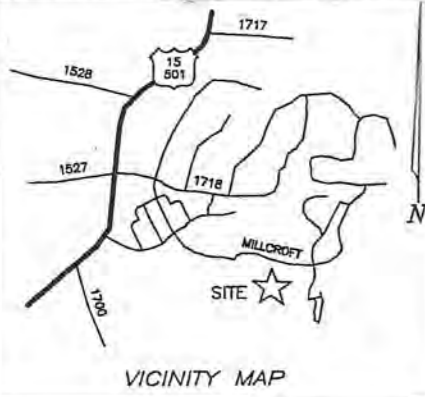
Regulatory Branch

N.C. GRID, MD 27
P.S. 2005-352



MAP LEGEND

- EIP EXISTING IRON PIPE
- IPS IRON PIPE SET
- CMP COMPUTED POINT



Point 95 is a 3/4" iron pipe set flush in the pavement.
Point 96 is a 3/4" iron pipe.

FEARRINGTON
"MILLCROFT CLUSTER HOMES"
P.S. 2006-52

FEARRINGTON
"MILLCROFT CLUSTER HOMES"
P.S. 2005-352

FEARRINGTON
"MILLCROFT CLUSTER HOMES"
P.S. 2006-235

FEARRINGTON
"MILLCROFT CLUSTER HOMES"
P.S. 2009-48

FEARRINGTON
"THE KNOLLS"
P.S. 2010-25

FEARRINGTON
"THE KNOLLS"
P.S. 2010-25

Points 94, 40, 77, 78, and 79 are 3/4" iron pipes set 4" above ground.
Points 80 - 89 are 3/4" iron pipes set flush.

I certify that this map was drawn under my supervision from an actual survey made under my supervision (deed description recorded in D.B. 646, PG. 243 and D.B. 669, PG. 912); that the boundaries not surveyed are indicated as drawn from information found in Book as shown, that the ratio of precision as calculated is 1:37,062; and that this map meets the requirements of The Standards of Practice for Land Surveying in North Carolina (21 NCAC 56.1600). This 2nd day of November, 2010

Seal Van R. Finch
Professional Land Surveyor



This Survey is of an existing natural feature, such as a watercourse or wetland.
Van R. Finch Nov. 2, 2010
Surveyor Date

This certifies that this copy of this plat accurately depicts the boundary of the jurisdiction of Section 404 of the Clean Water Act as determined by the undersigned on this date. Unless there is a change in law or our published regulations, this determination of Section 404 jurisdiction may be relied upon for a period not to exceed five years from this date. This determination was made utilizing the 1987 Corps of Engineers Wetlands Delineation Manual.

Name Mark M. Hesse
Title Project Manager
Date March 12, 2012
2012

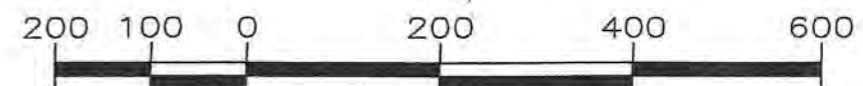
FEARRINGTON P.U.D.
SECTION X
PHASE 1 AND 2
25.246 Acres
FITCH CREATIONS, INC.
D.B. 646 PG. 243
D.B. 669 PG. 912

FITCH CREATIONS, INC.
P.S. 95-239
P.S. 94-260

NOTES

1. Stream Channels and Wetlands shown on this plat were delineated in the field by Soil and Environmental Consultants, P.A.
2. All distances shown are horizontal ground distances unless otherwise noted.
3. There are no NCGS monuments within 2000 feet of subject property.
4. See Sheet Two for data tables.
5. Area computed by coordinate method.

WILLIAMS TOWNSHIP SCALE: 1" = 200'
CHATHAM COUNTY, N.C. DATE: NOVEMBER 2, 2010



VAN R. FINCH - LAND SURVEYS, P.A.
109 Hillsboro St. Pittsboro, N.C. 27312
FIRM LICENSE #C-513

SHEET ONE
PROJECT BOUNDARY
WETLANDS SURVEY FOR

FEARRINGTON P.U.D.
SECTION X PHASE 1 AND 2