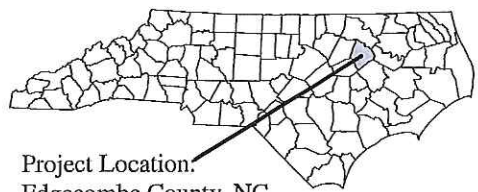


Lat: 35.9254 / Long: -77.6491



Project Location:  
Edgecombe County, NC



February 2018



0 1.5 3 Miles

- Project Boundary
- Named USGS Streams

**Project Diamond**  
Edgecombe County, NC

**Figure 1: Vicinity Map**







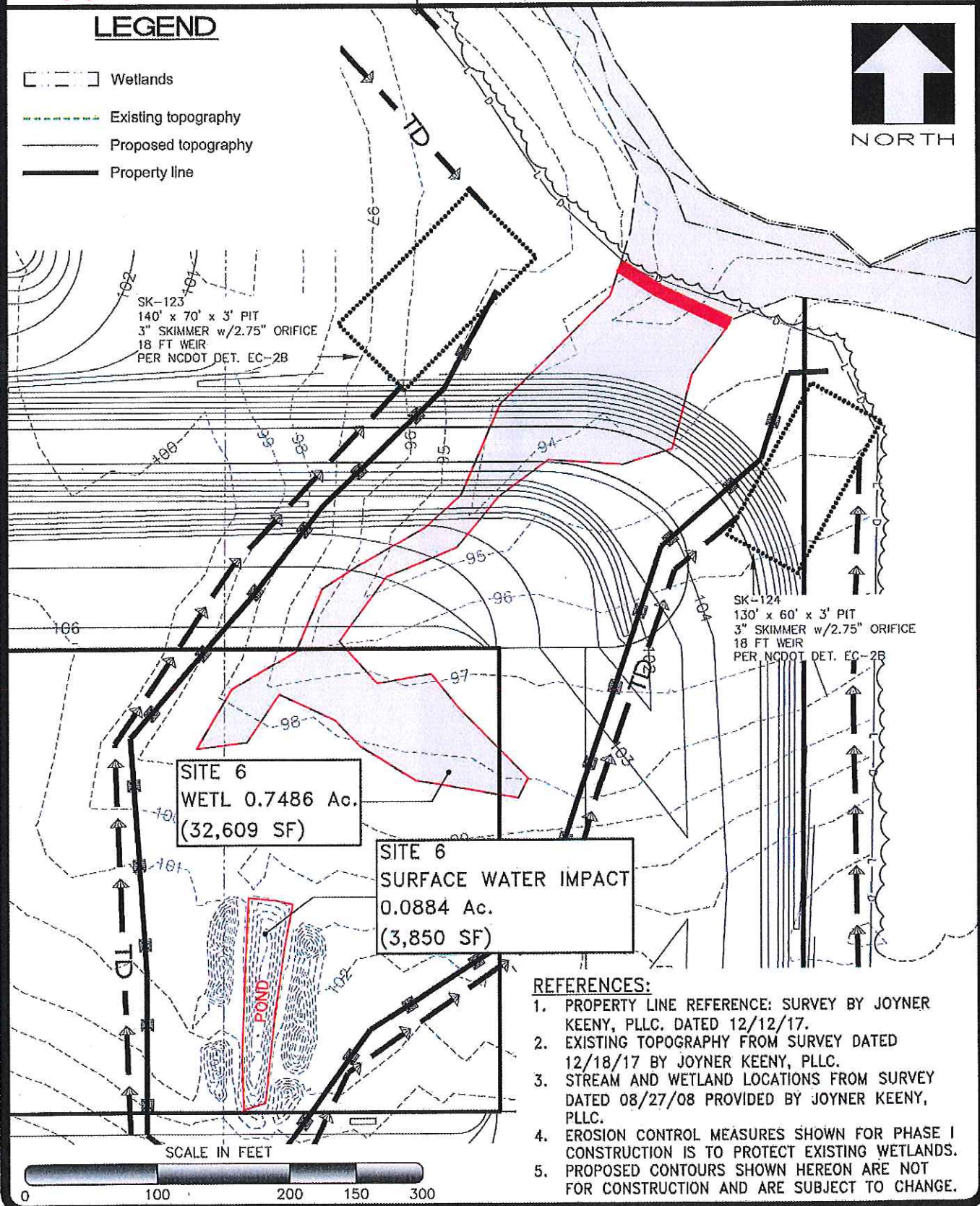
**Appian** CONSULTING ENGINEERS, P.A.  
 P.O. Box 7966  
 Rocky Mount, N.C. 27804  
 Phone: (252) 972-7703  
 Fax: (252) 972-7638  
 www.applanengineers.com

PROJECT: **SITE 6**  
**WETLAND IMPACT**  
 PROJECT DIAMOND  
 EDGECOMBE COUNTY, NC

JOB # 17-029  
 DATE: 2/2/2018  
 SHEET #: 1 OF .

**LEGEND**

-  Wetlands
-  Existing topography
-  Proposed topography
-  Property line



SK-123  
 140' x 70' x 3' PIT  
 3" SKIMMER w/2.75" ORIFICE  
 18 FT WEIR  
 PER NCDOT DET. EC-2B

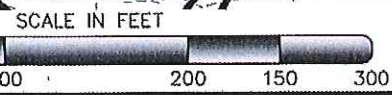
SK-124  
 130' x 60' x 3' PIT  
 3" SKIMMER w/2.75" ORIFICE  
 18 FT WEIR  
 PER NCDOT DET. EC-2B

SITE 6  
 WETL 0.7486 Ac.  
 (32,609 SF)

SITE 6  
 SURFACE WATER IMPACT  
 0.0884 Ac.  
 (3,850 SF)

**REFERENCES:**

1. PROPERTY LINE REFERENCE: SURVEY BY JOYNER KEENEY, PLLC. DATED 12/12/17.
2. EXISTING TOPOGRAPHY FROM SURVEY DATED 12/18/17 BY JOYNER KEENEY, PLLC.
3. STREAM AND WETLAND LOCATIONS FROM SURVEY DATED 08/27/08 PROVIDED BY JOYNER KEENEY, PLLC.
4. EROSION CONTROL MEASURES SHOWN FOR PHASE I CONSTRUCTION IS TO PROTECT EXISTING WETLANDS.
5. PROPOSED CONTOURS SHOWN HEREON ARE NOT FOR CONSTRUCTION AND ARE SUBJECT TO CHANGE.









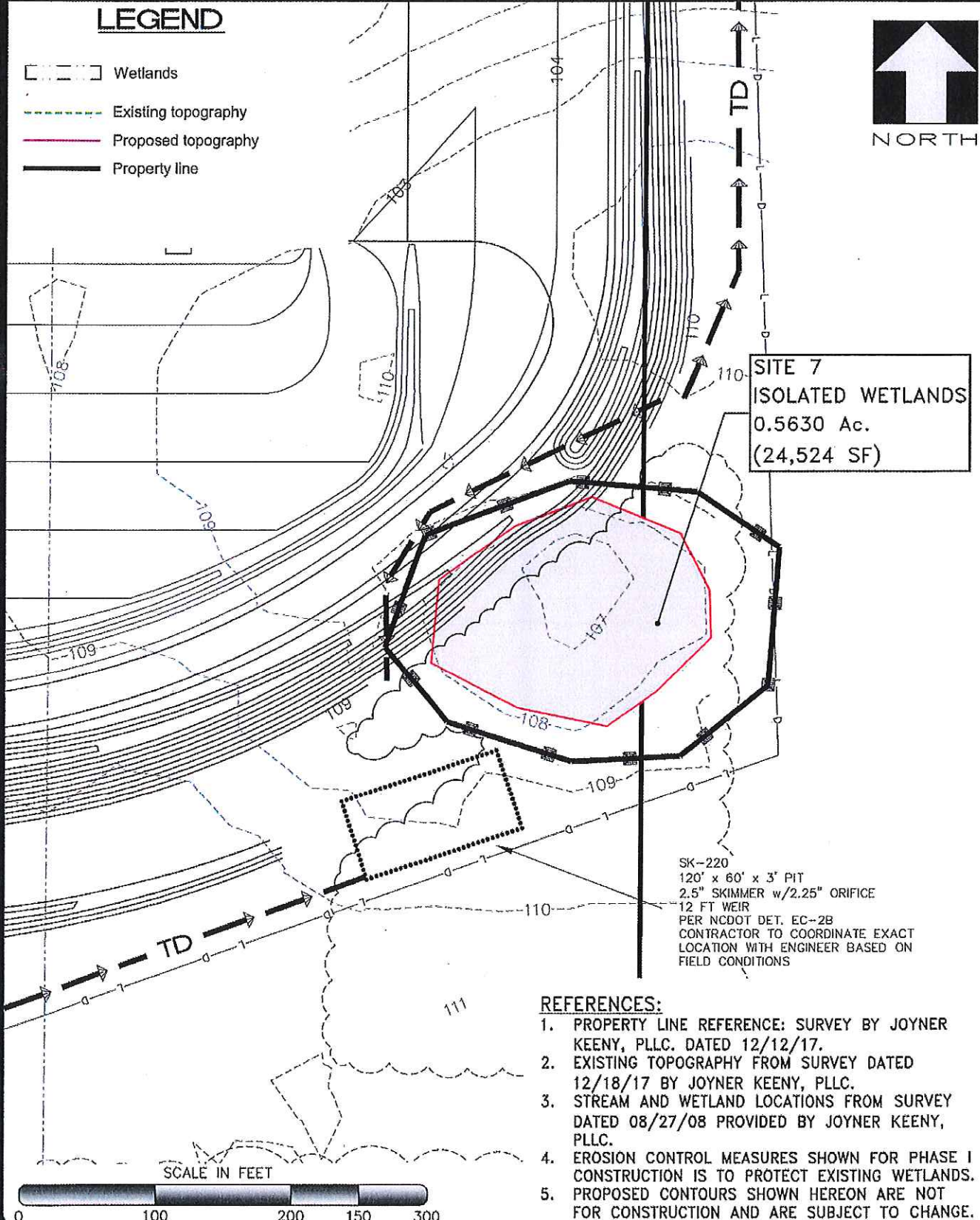
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 Rocky Mount, N.C. 27804  
 Phone: (252) 972-7703  
 Fax: (252) 972-7638  
 www.applanengineers.com

PROJECT: **SITE 7**  
**WETLAND IMPACT**  
 PROJECT DIAMOND  
 EDGECOMBE COUNTY, NC

JOB # 17-029  
 DATE: 2/2/2018  
 SHEET #: 1 OF 1

**LEGEND**

-  Wetlands
-  Existing topography
-  Proposed topography
-  Property line



**SITE 7**  
**ISOLATED WETLANDS**  
 0.5630 Ac.  
 (24,524 SF)

SK-220  
 120' x 60' x 3' PIT  
 2.5" SKIMMER w/2.25" ORIFICE  
 12 FT WEIR  
 PER NCDOT DET. EC-2B  
 CONTRACTOR TO COORDINATE EXACT  
 LOCATION WITH ENGINEER BASED ON  
 FIELD CONDITIONS

- REFERENCES:**
1. PROPERTY LINE REFERENCE: SURVEY BY JOYNER KEENEY, PLLC. DATED 12/12/17.
  2. EXISTING TOPOGRAPHY FROM SURVEY DATED 12/18/17 BY JOYNER KEENEY, PLLC.
  3. STREAM AND WETLAND LOCATIONS FROM SURVEY DATED 08/27/08 PROVIDED BY JOYNER KEENEY, PLLC.
  4. EROSION CONTROL MEASURES SHOWN FOR PHASE I CONSTRUCTION IS TO PROTECT EXISTING WETLANDS.
  5. PROPOSED CONTOURS SHOWN HEREON ARE NOT FOR CONSTRUCTION AND ARE SUBJECT TO CHANGE.







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 Phone: (252) 972-7703  
 Fax: (252) 972-7638  
 www.appianengineers.com

PROJECT: **SITE 8**  
**WETLAND IMPACT**  
 PROJECT DIAMOND  
 EDGEcombe COUNTY, NC

JOB # 17-029  
 DATE: 2/2/2018  
 SHEET #: 1 OF 1

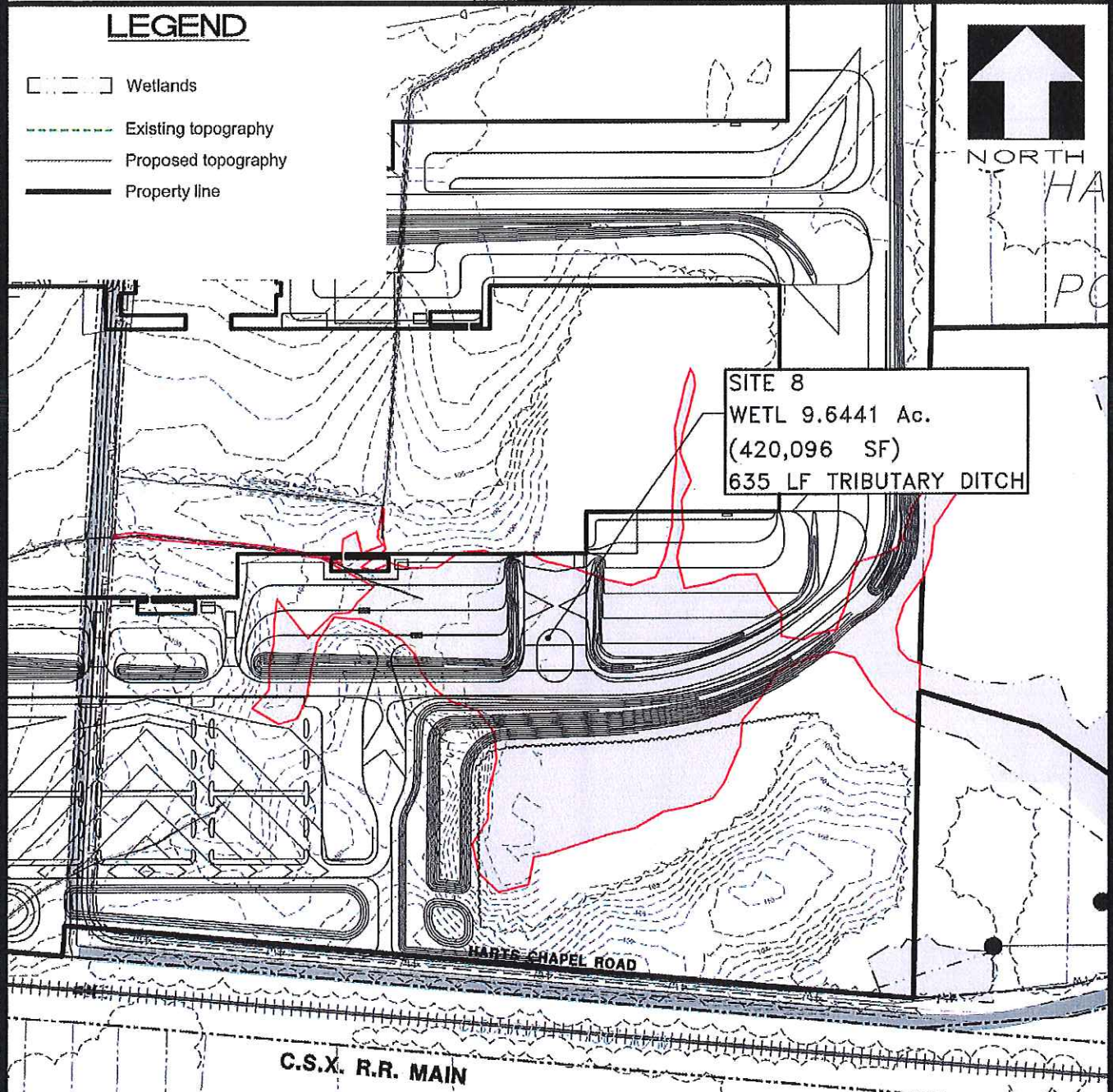
**LEGEND**

-  Wetlands
-  Existing topography
-  Proposed topography
-  Property line



HA  
PC

SITE 8  
 WETL 9.6441 Ac.  
 (420,096 SF)  
 635 LF TRIBUTARY DITCH



- REFERENCES:**
1. PROPERTY LINE REFERENCE: SURVEY BY JOYNER KEENEY, PLLC. DATED 12/12/17.
  2. EXISTING TOPOGRAPHY FROM SURVEY DATED 12/18/17 BY JOYNER KEENEY, PLLC.
  3. STREAM AND WETLAND LOCATIONS FROM SURVEY DATED 08/27/08 PROVIDED BY JOYNER KEENEY, PLLC.
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SCALE IN FEET



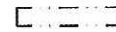





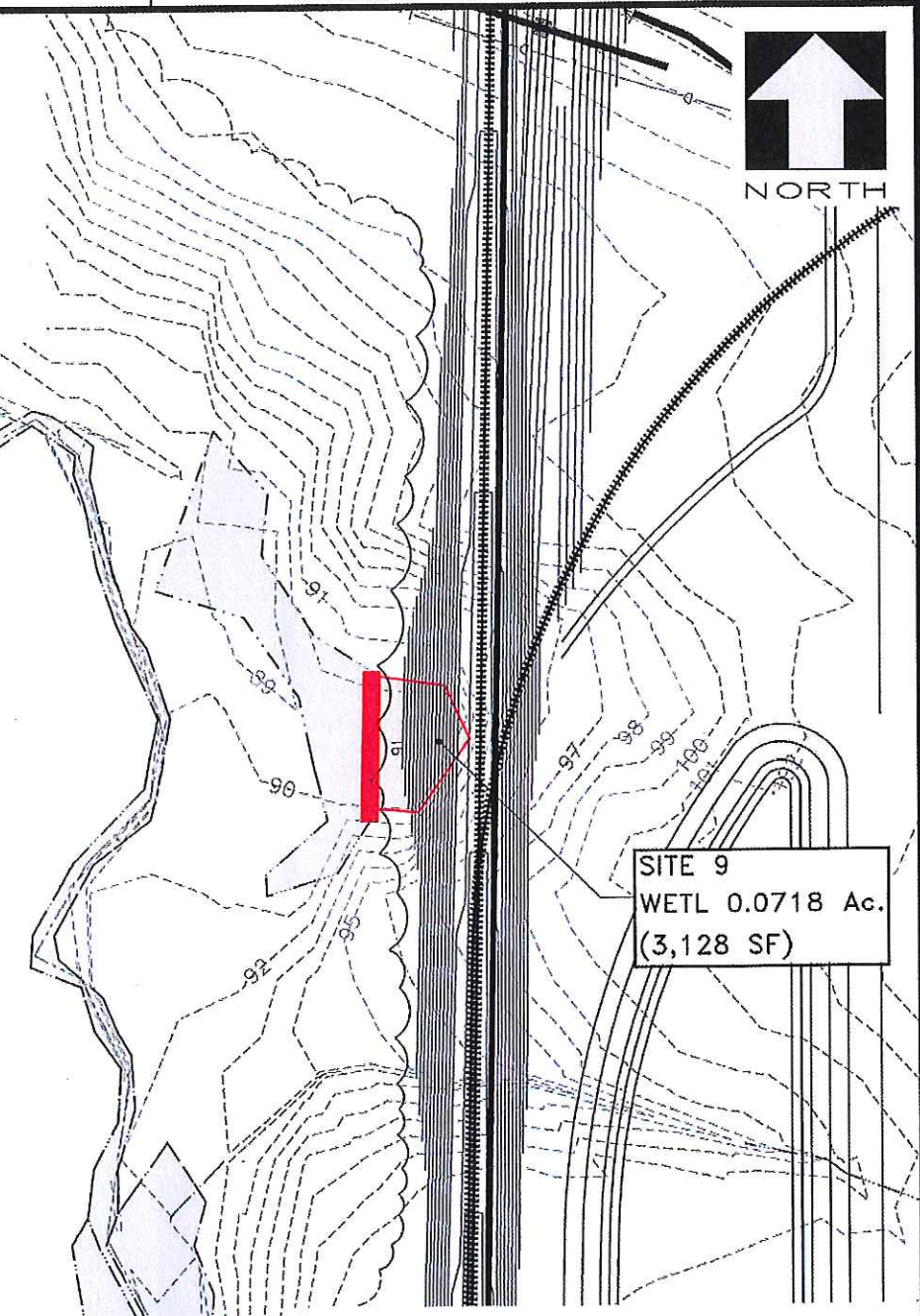
**Appian**  
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P.O. Box 7966  
Rocky Mount, N.C. 27804  
Phone: (252) 972-7703  
Fax: (252) 972-7638  
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PROJECT: **SITE 9**  
**WETLAND IMPACT**  
PROJECT DIAMOND  
EDGECOMBE COUNTY, NC

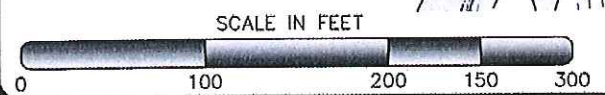
JOB # 17-029  
DATE: 2/2/2018  
SHEET #: 1 OF 1

**LEGEND**

-  Wetlands
-  Existing topography
-  Proposed topography
-  Property line



- REFERENCES:**
1. PROPERTY LINE REFERENCE: SURVEY BY JOYNER KEENEY, PLLC. DATED 12/12/17.
  2. EXISTING TOPOGRAPHY FROM SURVEY DATED 12/18/17 BY JOYNER KEENEY, PLLC.
  3. STREAM AND WETLAND LOCATIONS FROM SURVEY DATED 08/27/08 PROVIDED BY JOYNER KEENEY, PLLC.
  4. EROSION CONTROL MEASURES SHOWN FOR PHASE I CONSTRUCTION IS TO PROTECT EXISTING WETLANDS.
  5. PROPOSED CONTOURS SHOWN HEREON ARE NOT FOR CONSTRUCTION AND ARE SUBJECT TO CHANGE.





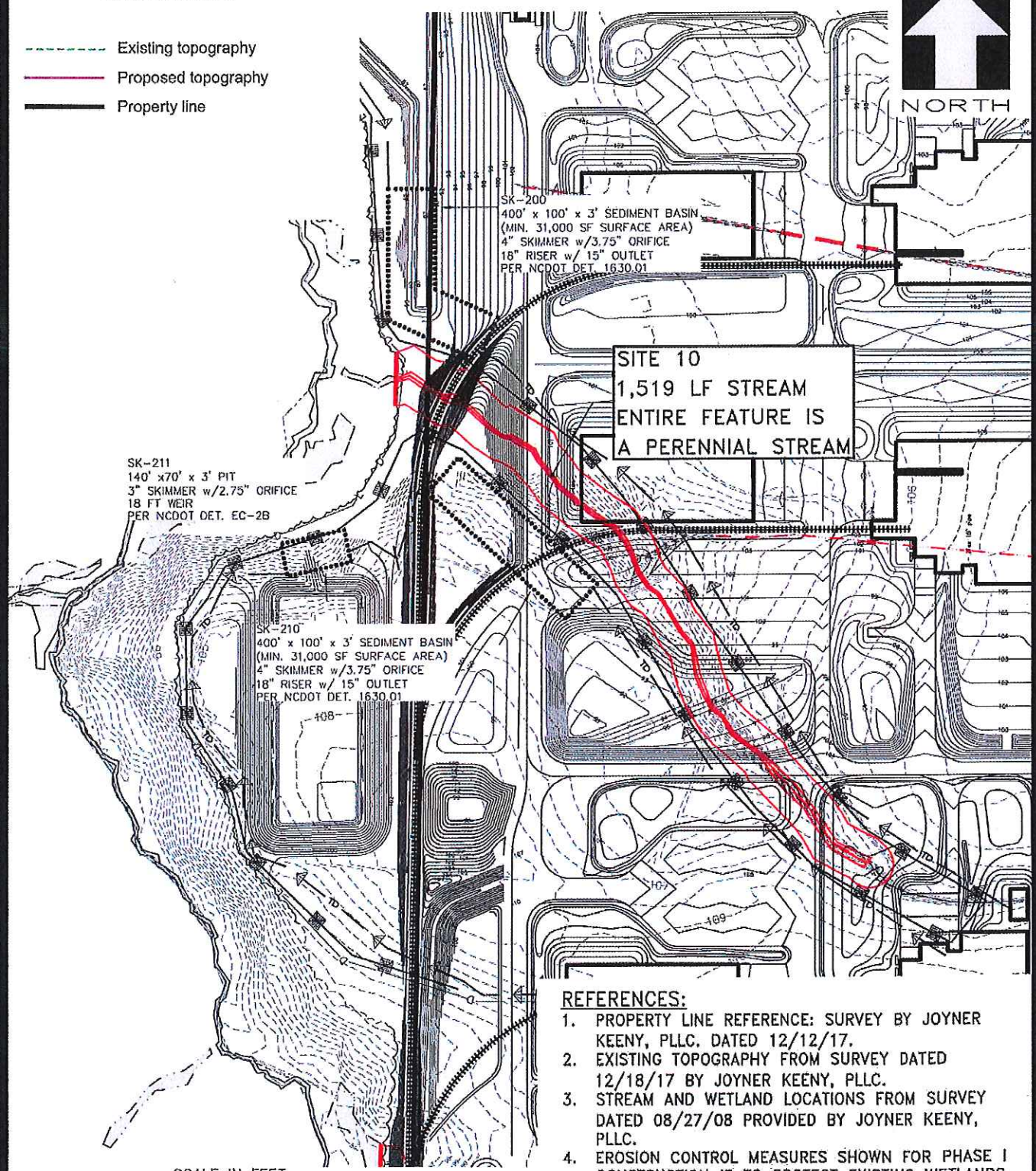
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 P.O. Box 7966  
 Rocky Mount, N.C. 27804  
 Phone: (252) 972-7703  
 Fax: (252) 972-7638  
 www.applanengineers.com

PROJECT: **SITE 10**  
**STREAM IMPACT**  
 PROJECT DIAMOND  
 EDGEcombe COUNTY, NC

JOB # 17-029  
 DATE: 2/2/2018  
 SHEET #: 1 OF 1

**LEGEND**

- - - Existing topography
- Proposed topography
- Property line

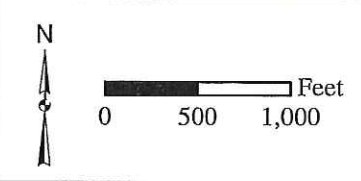
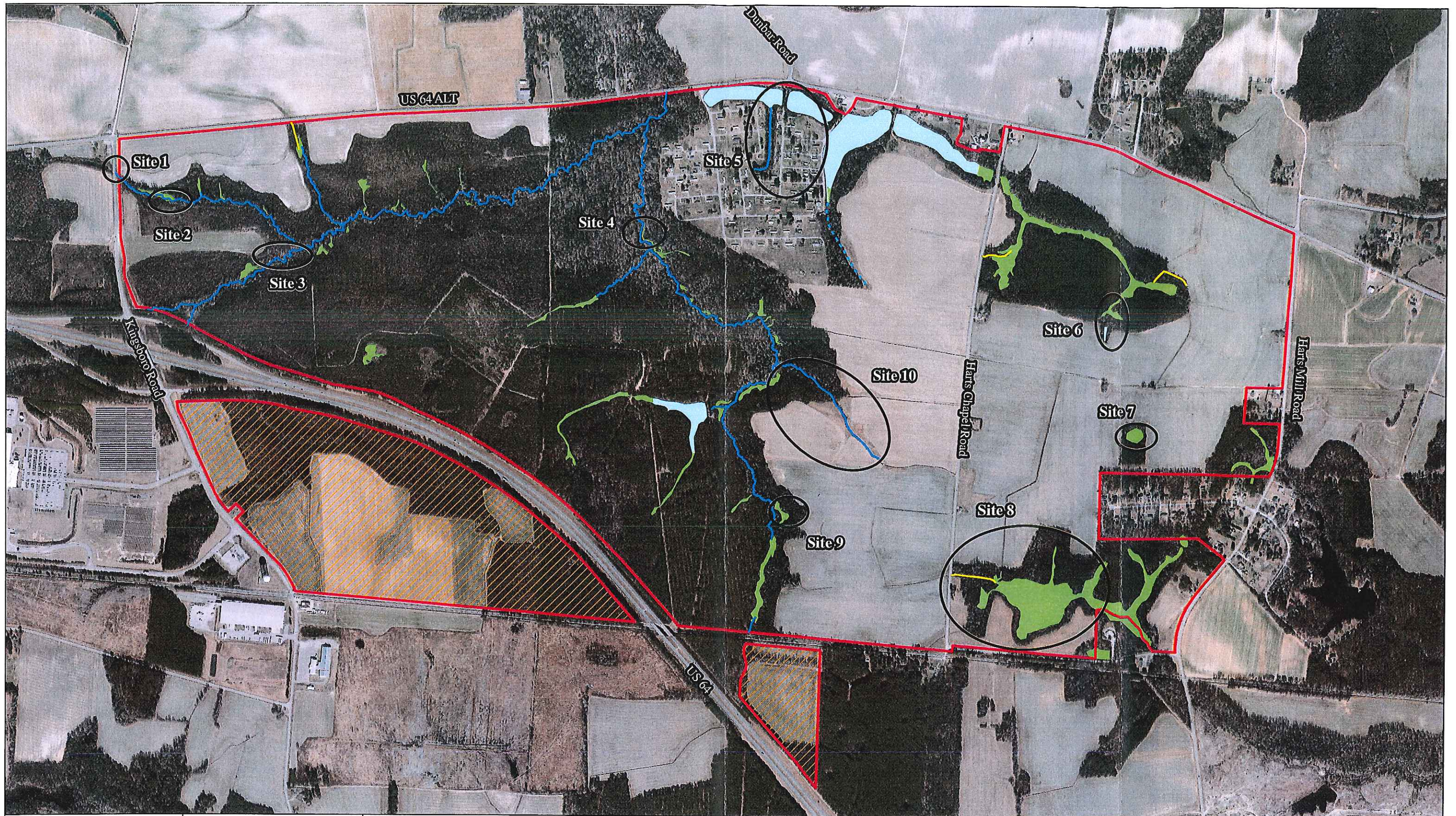


- REFERENCES:**
1. PROPERTY LINE REFERENCE: SURVEY BY JOYNER KEENEY, PLLC. DATED 12/12/17.
  2. EXISTING TOPOGRAPHY FROM SURVEY DATED 12/18/17 BY JOYNER KEENEY, PLLC.
  3. STREAM AND WETLAND LOCATIONS FROM SURVEY DATED 08/27/08 PROVIDED BY JOYNER KEENEY, PLLC.
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SCALE IN FEET







- Project Boundary
- Wetland
- Intermittent Stream
- Perennial Stream
- Areas not in AJD
- Pond
- Tributary

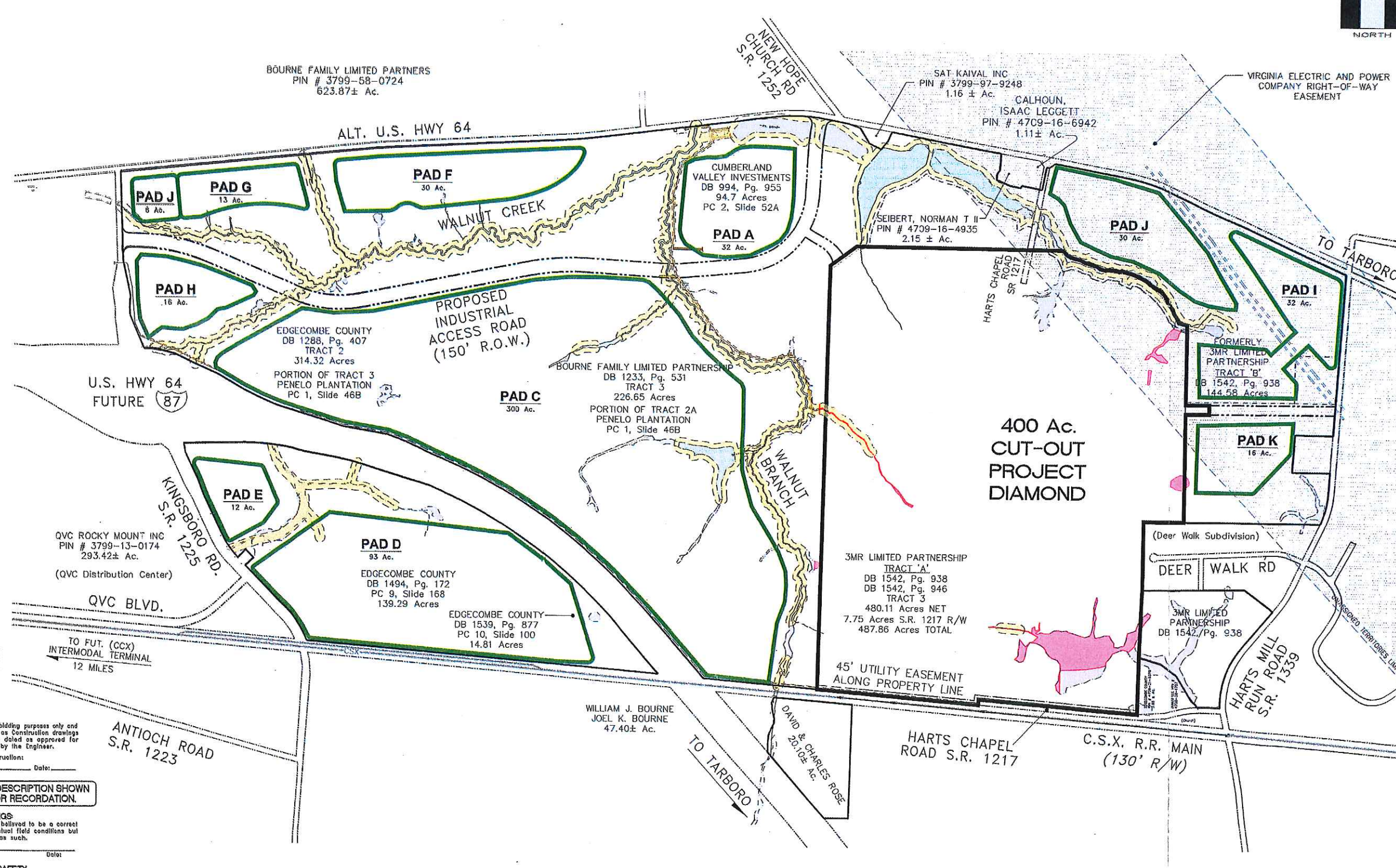
2017 NC Statewide Aerial Photography

Map Date: February 2018
Revised:
Revised:
Revised:

**Project Diamond**  
Edgecombe County, NC

**Figure 4: Approved Jurisdictional Determination Features**





NO.	DATE	DESCRIPTION	BY	CHKD.
1	February 8, 2018	REVISIONS	Kelly Williams	Bobby Joyce
2	N/A	REVISIONS		

**Appian**  
 CONSULTING ENGINEERS, P.A.  
 CIVIL, MUNICIPAL &  
 STRUCTURAL ENGINEERS  
 BLH = C0562  
 220 Bryant St.  
 Rocky Mount, N.C. 27804  
 Phone: (252) 972-7703  
 www.appiannc.com  
 admin@appiannc.com

**RECEIVED**  
 FEB 08 2018  
 RAJ  
 Preliminary Drawings  
 Review Purposes ONLY  
 REGULATORY FIELD OFFICE



**OVERALL CONCEPT PLAN  
 KINGSBORO CSX SELECT SITE  
 EDGECOMBE COUNTY, N.C.**



These plans are for bidding purposes only and are not to be used as construction drawings unless initiated and dated as approved for construction below by the Engineer.  
 Approved for Construction: \_\_\_\_\_ Date: \_\_\_\_\_

**BOUNDARY DESCRIPTION SHOWN IS NOT FOR RECORDATION.**

**RECORD DRAWINGS:**  
 These drawings are believed to be a correct representation of actual field conditions but are not warranted as such.

**CONSTRUCTION SAFETY:**  
 These drawings do not contain the requirements for job safety. All provisions for safety shall be the sole responsibility of the contractor.

**EXISTING CONDITIONS:**  
 The contractor shall be responsible for reviewing all existing job conditions. Any adverse existing conditions affecting work shown on these drawings shall be brought to the attention of the engineer for possible clarification or reconciliation.

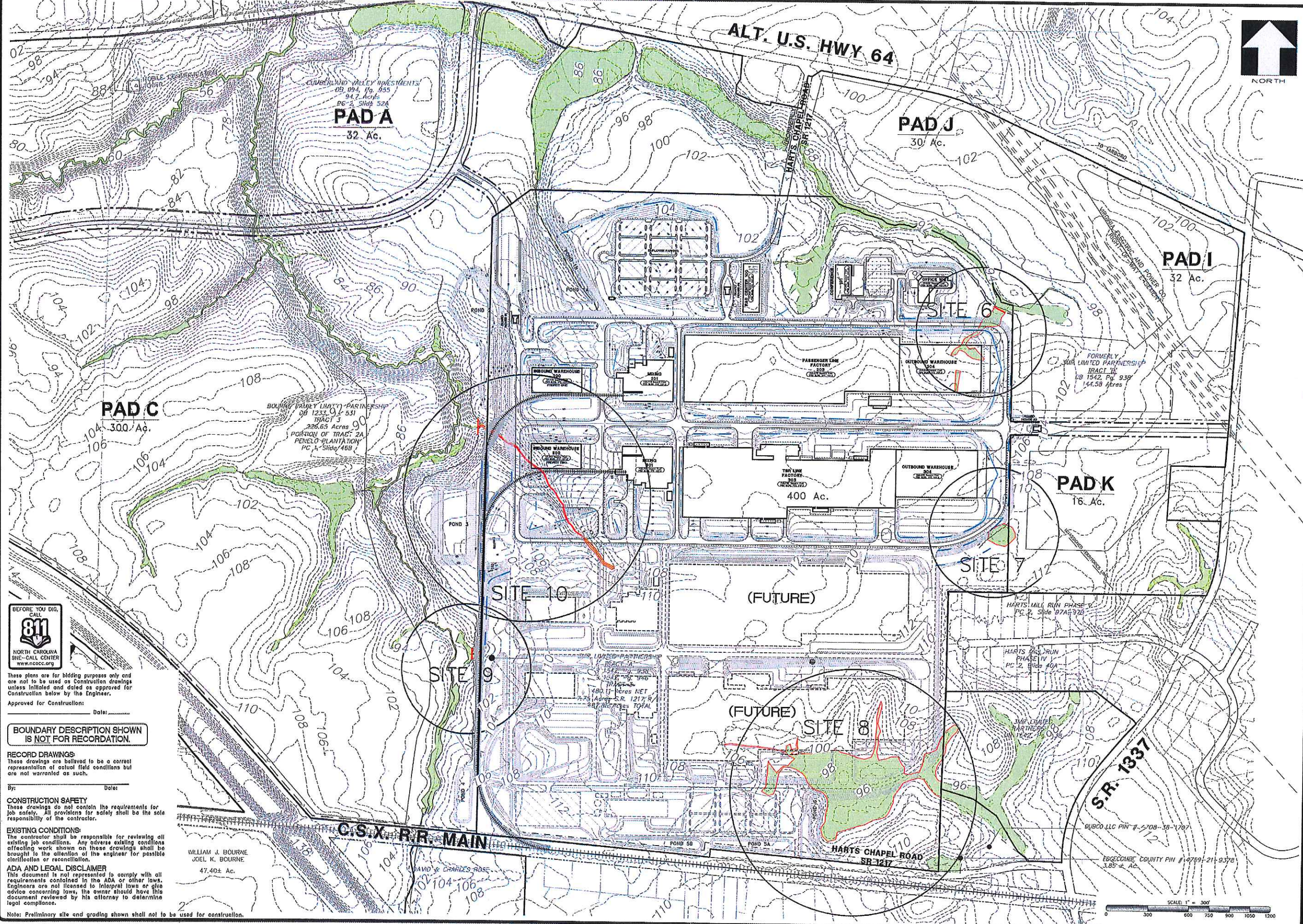
**ADA AND LEGAL DISCLAIMER:**  
 This document is not represented to comply with all requirements contained in the ADA or other laws. Engineers are not licensed to interpret laws or give advice concerning laws, the owner should have this document reviewed by his attorney to determine legal compliance.

- LEGEND**
- TAR - PAM BUFFER
  - WETLANDS
  - WETLANDS IMPACT



17-029  
 D-0000  
**C1B**





DATE:	FEBRUARY 6, 2018	DESIGNER:	Kelly Williams
SCALE:	N/A	REVISIONS:	
NO.:		DATE:	
BY:		DATE:	
BY:		DATE:	

**Applan**  
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 BLM - C0562  
 220 Bryant St.  
 Rocky Mount, N.C. 27804  
 Phone: (252) 972-7703  
 www.applanengineers.com  
 admin@applanengineers.com

Final Drawings  
 Review Purposes ONLY  
 PRELIMINARY DWG'S  
  
 NOT FOR CONSTRUCTION

**OVERALL WETLAND IMPACT MAP  
 PROJECT DIAMOND  
 EDGECOMBE COUNTY, N.C.**



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 This document is not represented to comply with all requirements contained in the ADA or other laws. Engineers are not licensed to interpret laws or give advice concerning laws. The owner should have this document reviewed by his attorney to determine legal compliance.

Note: Preliminary site and grading shown shall not be used for construction.

WILLIAM J. BOURNE  
 JOEL K. BOURNE  
 47.40± Ac.



17-029  
 D-0000  
**S1**



5/14/99  
2/8/2018  
\\fs1\proj\5868\hyd\psf\_04.dgn



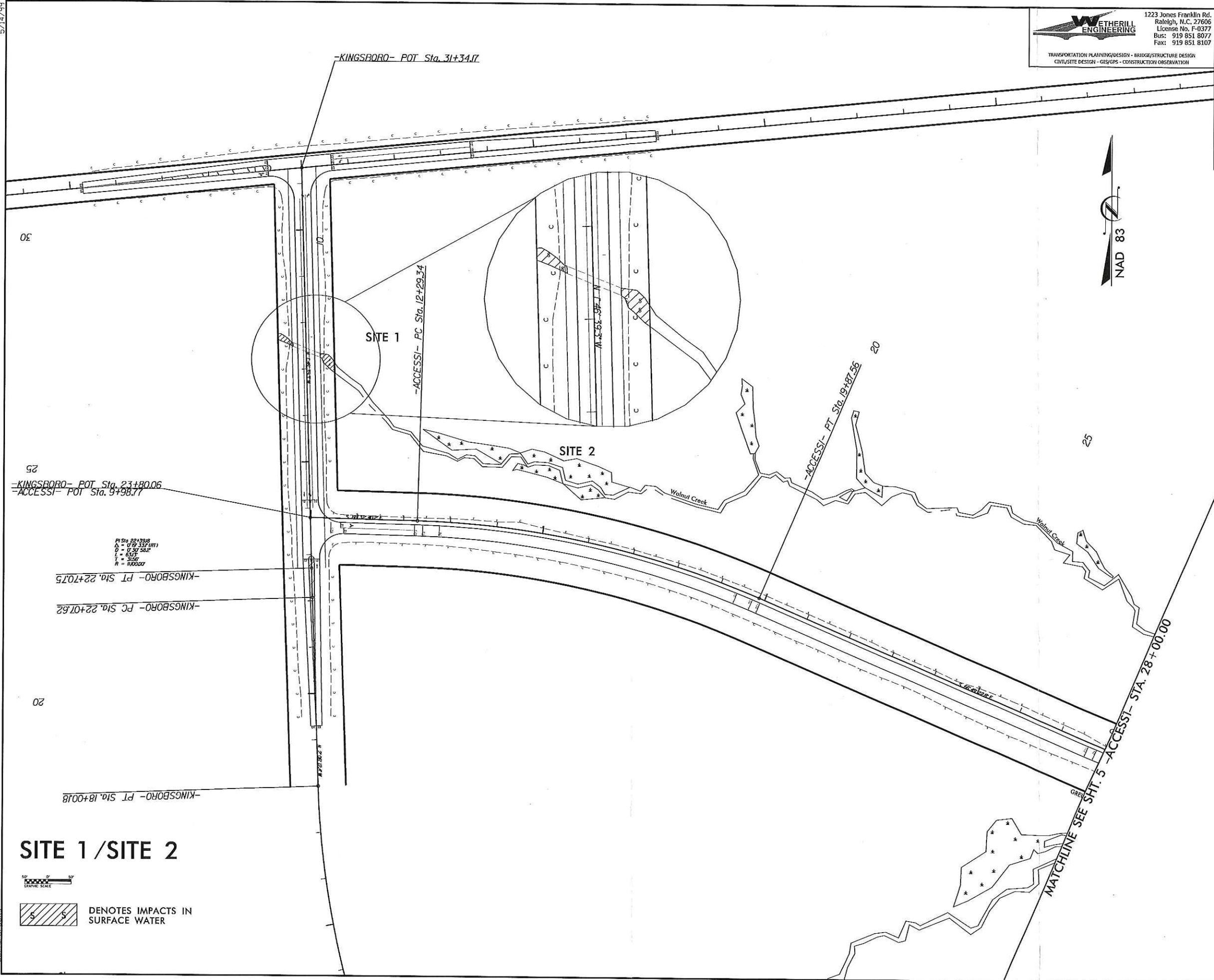
1223 Jones Franklin Rd.  
Raleigh, N.C. 27606  
License No. F-0377  
Bus: 919 851 8077  
Fax: 919 851 8107

PROJECT REFERENCE NO. R-5868	SHEET NO. 4
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

**PRELIMINARY PLANS**  
DO NOT USE FOR CONSTRUCTION

**INCOMPLETE PLANS**  
DO NOT USE FOR R/W ACQUISITION

**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**



### SITE 1 / SITE 2





5/14/09

C:\Users\p110182\Documents\Projects\2008\2008-05-14\2008-05-14-05.dgn

**W WETHERILL ENGINEERING**  
1223 Jones Franklin Rd.  
Raleigh, N.C. 27606  
License No. F-0377  
Bus: 919 851 8077  
Fax: 919 851 8107

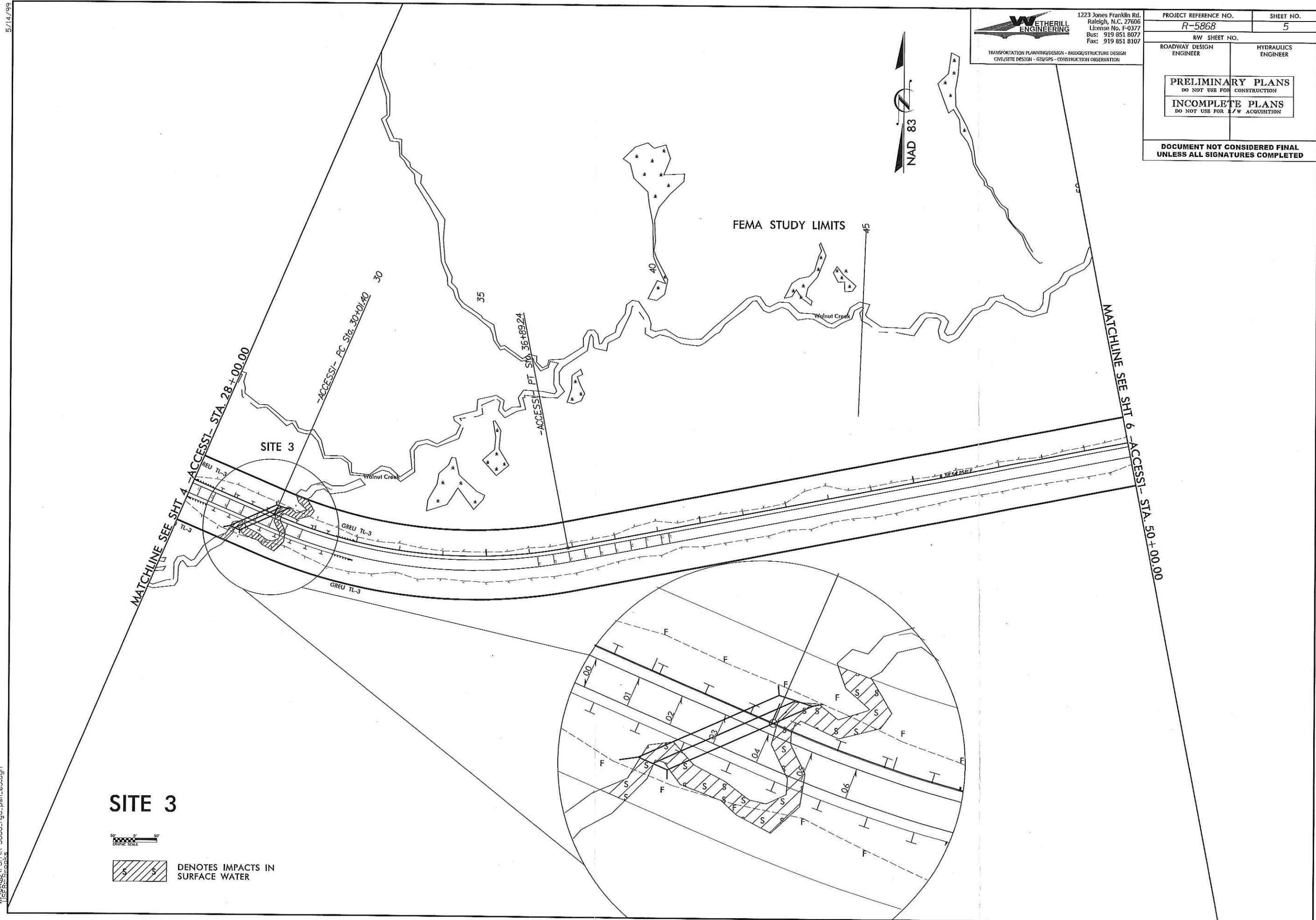
PROJECT REFERENCE NO. R-5868 SHEET NO. 5

RW SHEET NO. ROADWAY DESIGN ENGINEER HYDRAULICS ENGINEER

**PRELIMINARY PLANS**  
DO NOT USE FOR CONSTRUCTION

**INCOMPLETE PLANS**  
DO NOT USE FOR R/W ACQUISITION

**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**



**SITE 3**



 DENOTES IMPACTS IN SURFACE WATER



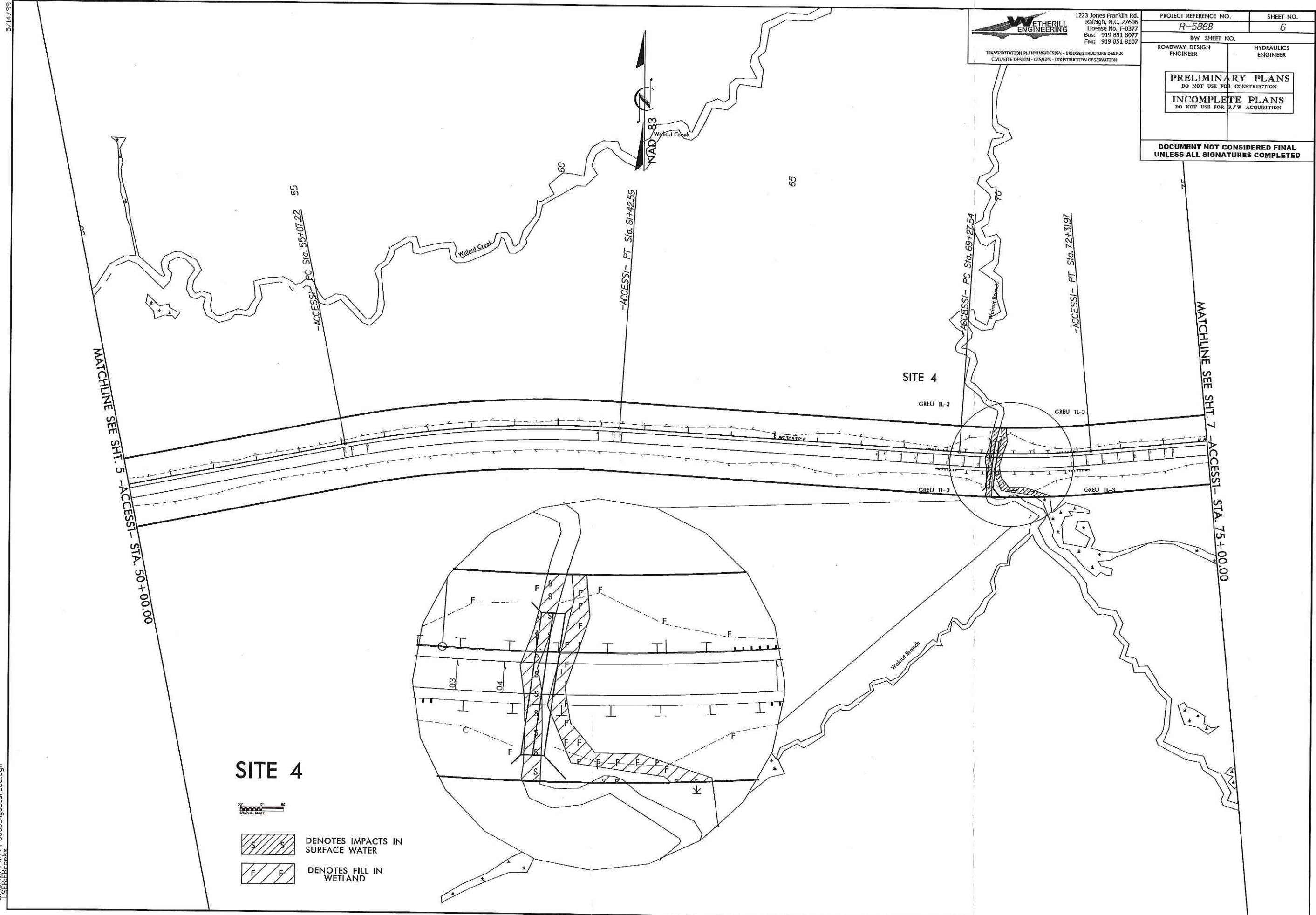
5/14/99

\\fs1\proj\5866\_r-5866\_hyd\_psh\_06.dgn

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TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
 CIVIL/SITE DESIGN - GIS/GIS - CONSTRUCTION OBSERVATION

PROJECT REFERENCE NO. <i>R-5868</i>	SHEET NO. 6
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
<b>PRELIMINARY PLANS</b> DO NOT USE FOR CONSTRUCTION <b>INCOMPLETE PLANS</b> DO NOT USE FOR R/W ACQUISITION	
<b>DOCUMENT NOT CONSIDERED FINAL</b> <b>UNLESS ALL SIGNATURES COMPLETED</b>	



**SITE 4**



- DENOTES IMPACTS IN SURFACE WATER
- DENOTES FILL IN WETLAND

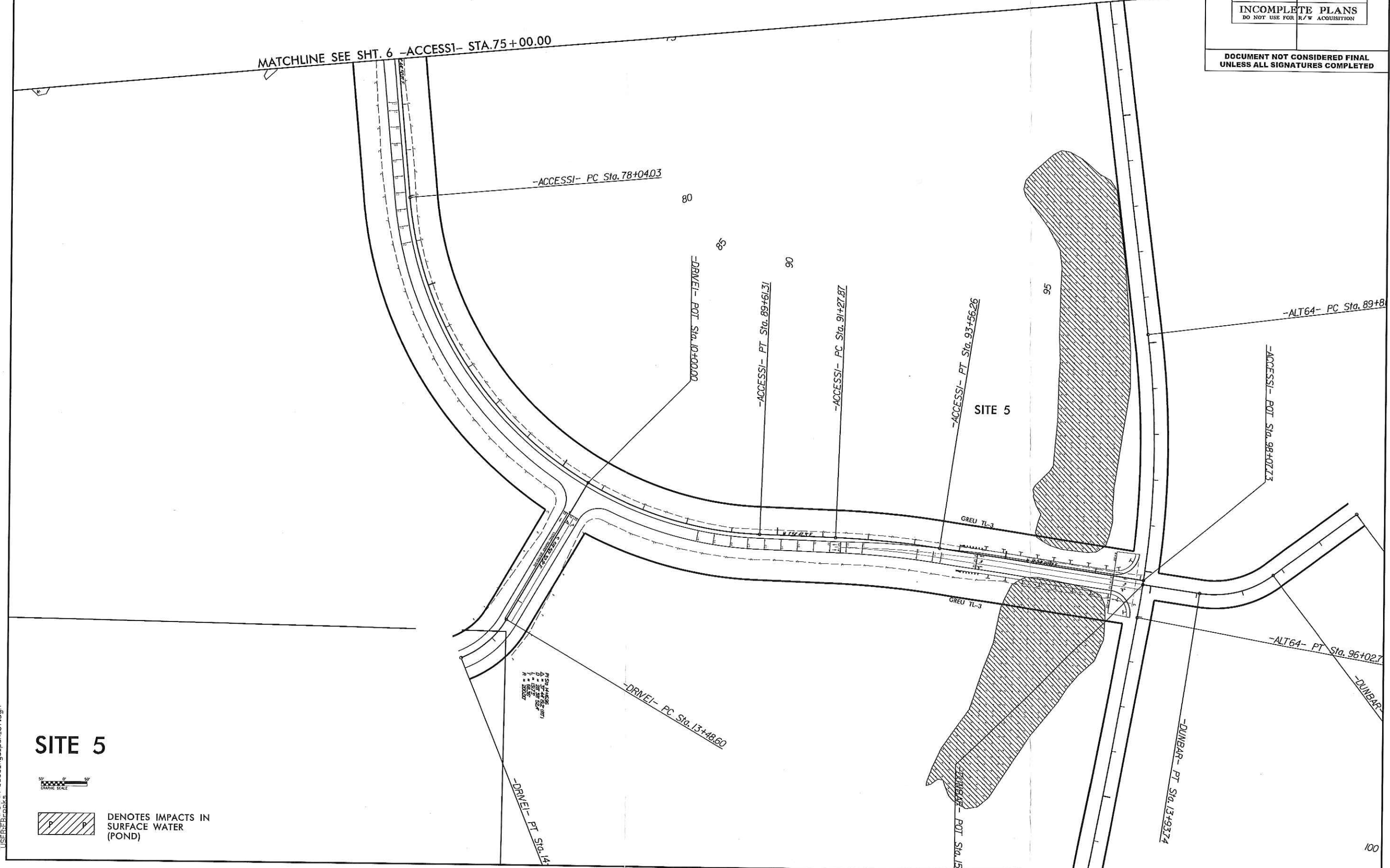


5/14/99

**WETHERILL ENGINEERING**  
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 Fax: 919 851 8107

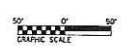
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
 CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

PROJECT REFERENCE NO. <b>R-5868</b>	SHEET NO. <b>7</b>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
<b>PRELIMINARY PLANS</b> DO NOT USE FOR CONSTRUCTION <b>INCOMPLETE PLANS</b> DO NOT USE FOR R/W ACQUISITION	
<b>DOCUMENT NOT CONSIDERED FINAL</b> <b>UNLESS ALL SIGNATURES COMPLETED</b>	



N:\081\008\p-5868\_hyd.psh\_07.dgn  
 T:\STAFF\psh\psh

**SITE 5**



DENOTES IMPACTS IN SURFACE WATER (POND)

IN STA RANGE  
 0 = 0.00  
 1 = 100.00  
 2 = 200.00  
 3 = 300.00  
 4 = 400.00  
 5 = 500.00