



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

JAMES H. TROGDON, III  
SECRETARY

May 11, 2017

U. S. Army Corps of Engineers  
Regulatory Field Office  
69 Darlington Avenue  
Wilmington, North Carolina 28403

Attn: Mr. Brad Shaver  
NCDOT Coordinator

Subject: **Modification Request for Section 404 Nationwide Permit (NWP) 23 and Section 401 Water Quality Certification** for the widening of Kerr Avenue (SR 1175) from Randall Parkway to Martin Luther King, Jr. Parkway (SR 2649); TIP Project U-3338B; Federal Aid Project No. STP-1175(8), Debit \$570 from WBS No. 34932.1.1.

References: Section 404 NW 23 Action ID SAW-2003-01069 issued May 22, 2014  
Section 401 WQC Project No. 14-0350 issued May 12, 2014

Dear Sir,

As you are aware, during clearing the contractor found a jurisdictional stream near the slope stake line for the alignment –SR1- (permit drawings 14 & 15) rather than running parallel and offset from it was shown in previously submitted permit drawings. The attached revised permit drawings show the stream in the proper location. Additionally, the Wetland Impact Summary Sheet has also been revised to account for the proposed additional stream and wetland impacts at Site 8.

Mason Herndon has already coordinated with you regarding these revisions and we understand that compensatory mitigation will not be required for these additional impacts.

A copy of this modification request will be posted on the NCDOT Website at <https://connect.ncdot.gov/resources/Environmental/Pages/default.aspx>, under Quick Links > Permit Applications.

As the project is under construction, please review this request as soon as is practicable. Thank you for your assistance with this project. If you have any questions or need additional information, please contact Gordon Cashin at either [gcashin@ncdot.gov](mailto:gcashin@ncdot.gov) or (919) 707-6107.

Sincerely,



Philip S. Harris III, P.E., C.P.M., Manager  
Natural Environment Section

cc: NCDOT Permit Application Standard Distribution List

Mailing Address:  
NC DEPARTMENT OF TRANSPORTATION  
NATURAL ENVIRONMENT SECTION  
1598 MAIL SERVICE CENTER  
RALEIGH NC 27699-1598

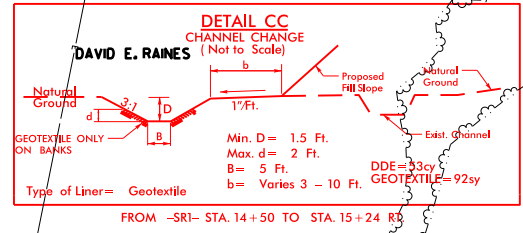
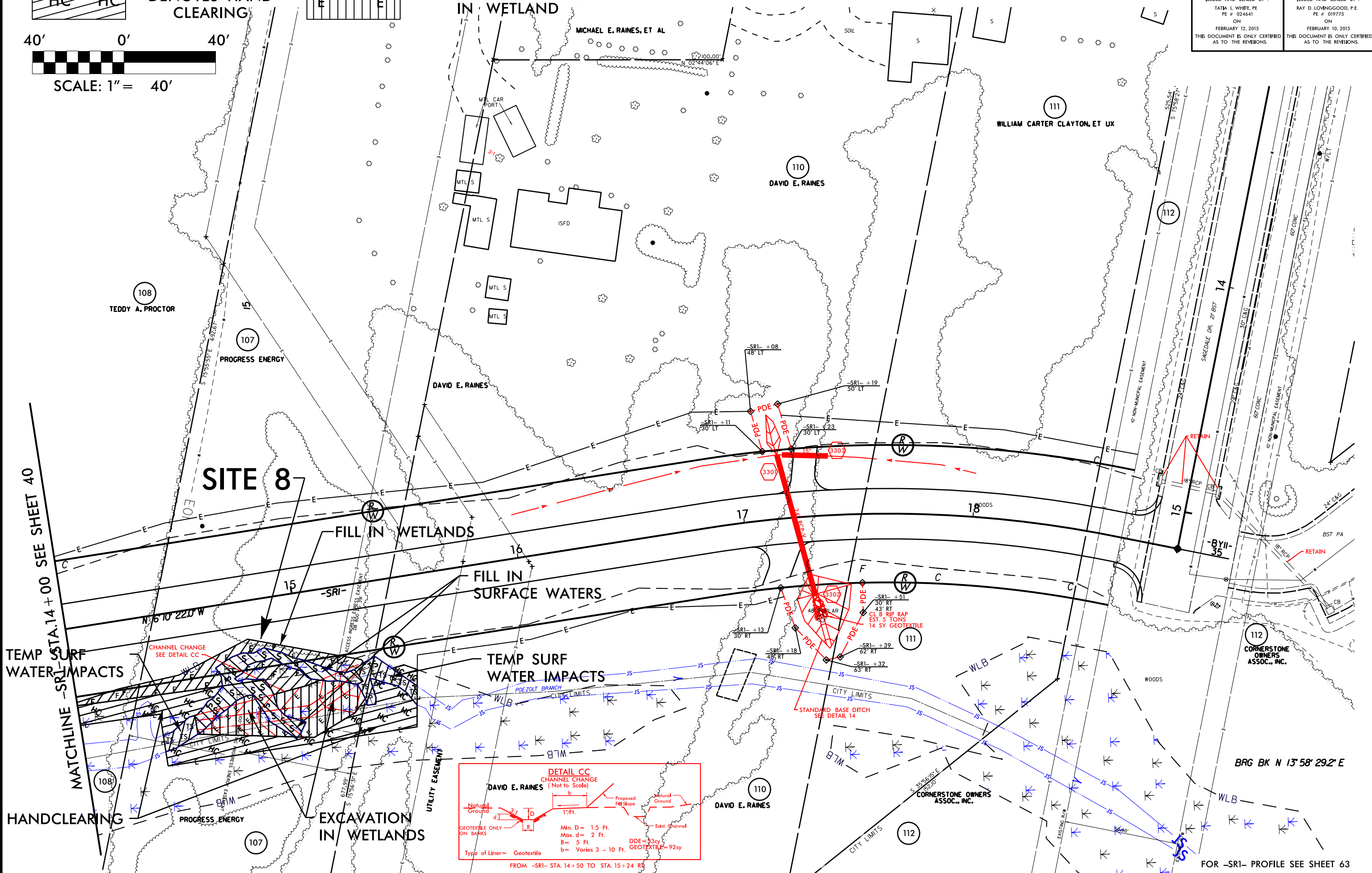
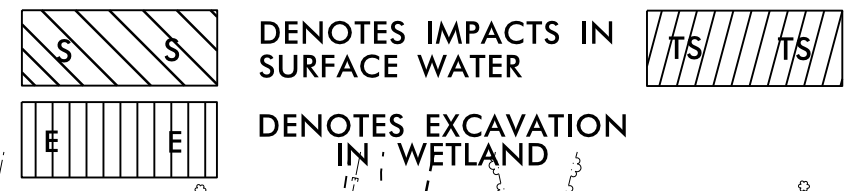
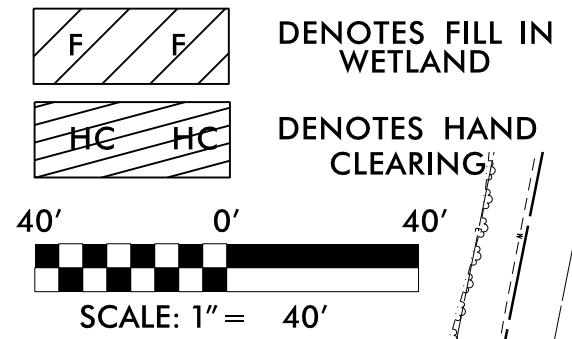
Telephone: (919) 707-6000  
Fax: (919) 212-5785  
Customer Service: 1-877-368-4968  
Website: [www.ncdot.gov](http://www.ncdot.gov)

Location:  
1020 BIRCH RIDGE DRIVE  
RALEIGH NC 27610

4/11/2017 rlovinggood  
 K:\Hydraulics\PERMITS\_Environmental Drawings\Construction\Revision April 2017\U-3338B\_Hyd\_prm\_wet\_psh\_41 - Rev 1  
 0406417 - CONST.RW REVISIONS: REVISED THE LOCATION OF JS STREAM AND INCLUDED DETAIL CC FOR A CHANNEL CHANGE AND REVISING THE TCE ON PARCELS 107 AND 110. - TLW

Permit Drawing  
 Sheet 14 of 20  
 Revised 5/11/2017

PROJECT REFERENCE NO. <b>U-3338B</b>	SHEET NO. <b>41</b>
RW SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
NOT A CERTIFIED DOCUMENT AS TO THE ORIGINAL DOCUMENT BUT ONLY AS TO THE REVISIONS.	NOT A CERTIFIED DOCUMENT AS TO THE ORIGINAL DOCUMENT BUT ONLY AS TO THE REVISIONS.
THIS DOCUMENT ORIGINALLY ISSUED AND SEALED BY: TATJA L. WHITE, PE PE # 024641 ON FEBRUARY 12, 2015 THIS DOCUMENT IS ONLY CERTIFIED AS TO THE REVISIONS.	THIS DOCUMENT ORIGINALLY ISSUED AND SEALED BY: RAY D. LOVINGGOOD, P.E. PE # 019775 ON FEBRUARY 10, 2015 THIS DOCUMENT IS ONLY CERTIFIED AS TO THE REVISIONS.



FOR -SRI- PROFILE SEE SHEET 63

4/11/2017 rlovinggood  
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 040617 - CONST.RW REVISIONS: REVISED THE LOCATION OF JS STREAM AND INCLUDED DETAIL CC FOR A CHANNEL CHANGE AND REVISING THE TCE ON PARCELS 107 AND 110. - TLW

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**LEGEND**

**F F** DENOTES FILL IN WETLAND

**S S** DENOTES IMPACTS IN SURFACE WATER

**TS TS** DENOTES TEMPORARY IMPACTS IN SURFACE WATER

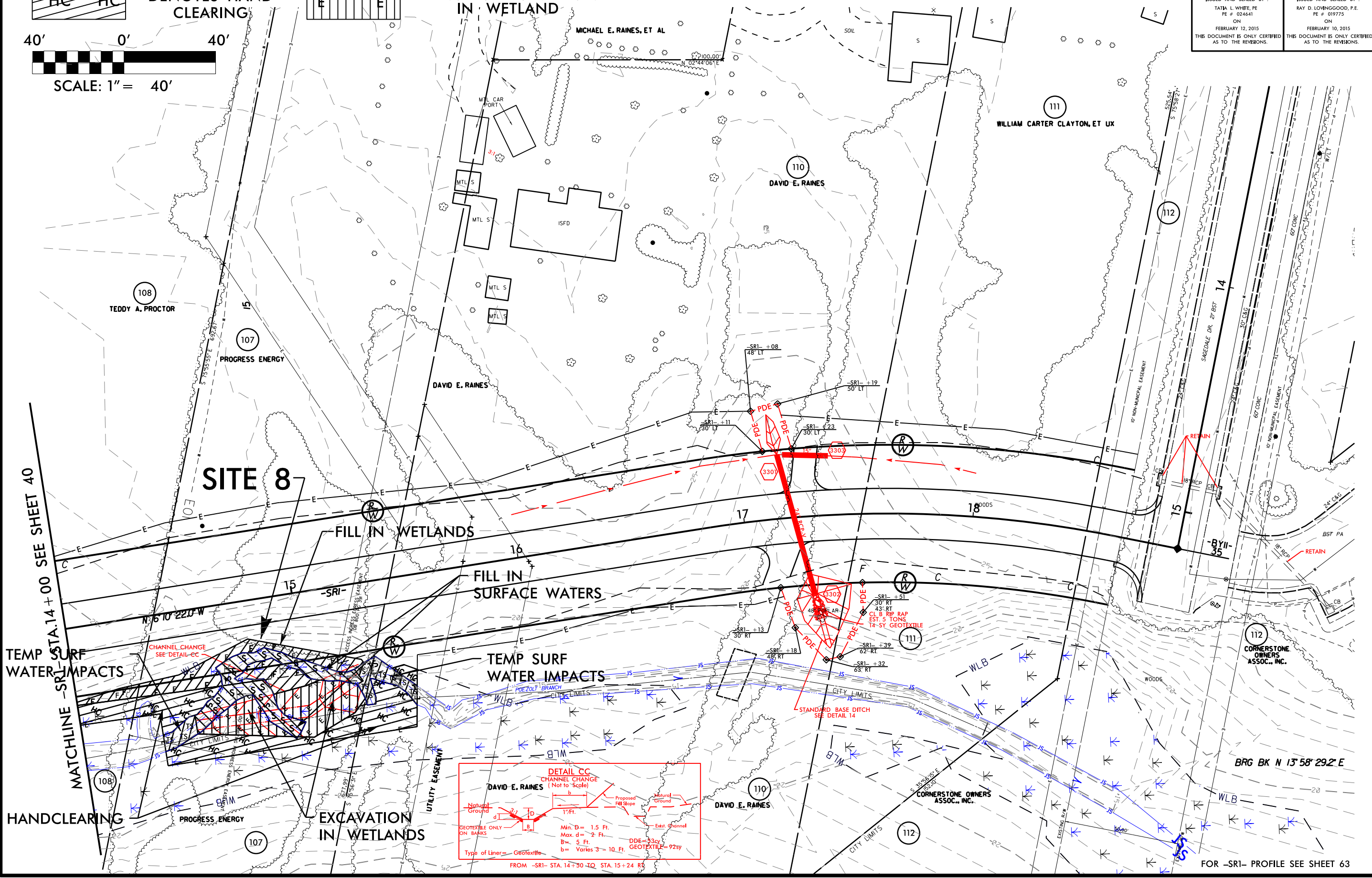
**HC HC** DENOTES HAND CLEARING

**E E** DENOTES EXCAVATION IN WETLAND

**SCALE: 1" = 40'**

**NAD 83/95**

Permit Drawing  
 Sheet 15 of 20  
 Revised 5/11/2017



FOR -SRI- PROFILE SEE SHEET 63

**WETLAND AND SURFACE WATER IMPACTS SUMMARY**

Site No.	Station (From/To)	Structure Size / Type	WETLAND IMPACTS					SURFACE WATER IMPACTS				
			Permanent Fill In Wetlands (ac)	Temp. Fill In Wetlands (ac)	Excavation in Wetlands (ac)	Mechanized Clearing in Wetlands (ac)	Hand Clearing in Wetlands (ac)	Permanent SW impacts (ac)	Temp. SW impacts (ac)	Existing Channel Impacts Permanent (ft)	Existing Channel Impacts Temp. (ft)	Natural Stream Design (ft)
1	-L- Sta 30+55 RT	103"x71" Arch Pipe						< 0.01	0.04			
2	-L- Sta 43+50 RT	48" RCP						< 0.01	< 0.01			
3	-Y1- Sta 13+70 RT	Roadway Fill	0.01	< 0.01			0.02					
4	-Y7A- Sta 13+35 LT	30" RCP		< 0.01	< 0.01		0.01	< 0.01	< 0.01	36	13	
6	-Y17- Sta 12+65 LT/RT	24" RCP						0.04	0.02			
8	-SR1- Sta 14+00 RT	Roadway Fill	0.04		0.02		0.06	0.02	< 0.01	131	57	
<b>TOTALS*:</b>			0.05	< 0.01	0.03		0.09	0.07	0.07	167	70	0

\*Rounded totals are sum of actual impacts

NOTES:

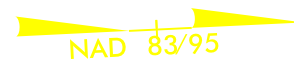
0.01 acre of Temporary Fill in Wetlands in the Hand Clearing areas for erosion control measures  
Stream channel will be relocated outside of fill slope. New channel length will be 76 LF.

Permit Drawing  
Sheet 20 of 20  
Revised 5/8/2017

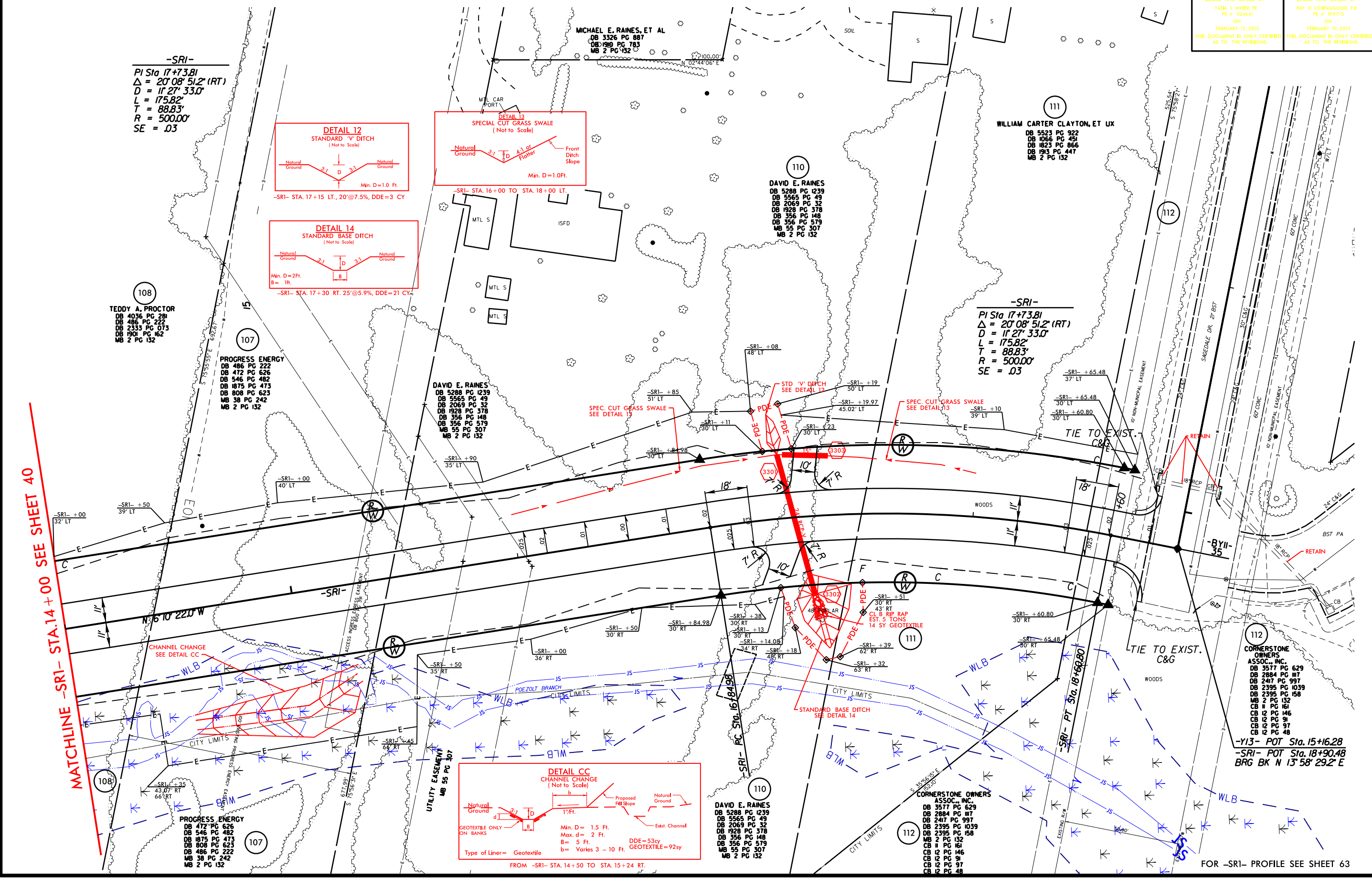
NC DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
May 8, 2017  
New Hanover County  
U-3338B  
WBS 34932.1.1

PROJECT REFERENCE NO.		SHEET NO.	
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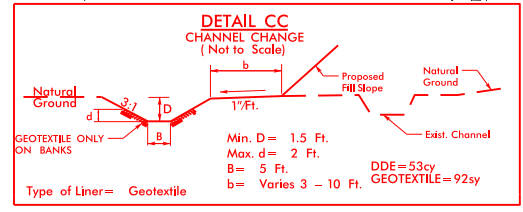
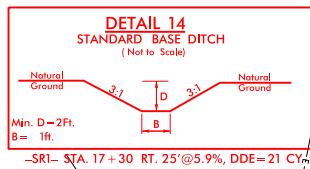
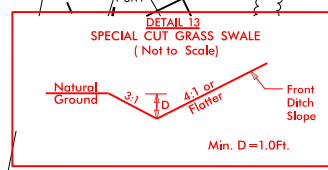
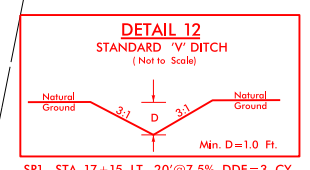
Added 5/11/17



04/06/17 - CONST. RW REVISIONS: REVISED THE LOCATION OF JS STREAM AND INCLUDED DETAIL CC FOR A CHANNEL CHANGE AND REVISING THE TCE ON PARCELS 107 AND 110. - TLW



**-SRI-**  
 PI Sta 17+73.81  
 $\Delta = 20' 08" 51.2" (RT)$   
 $D = 1' 27" 33.0"$   
 $L = 175.82'$   
 $T = 88.83'$   
 $R = 500.00'$   
 $SE = .03$



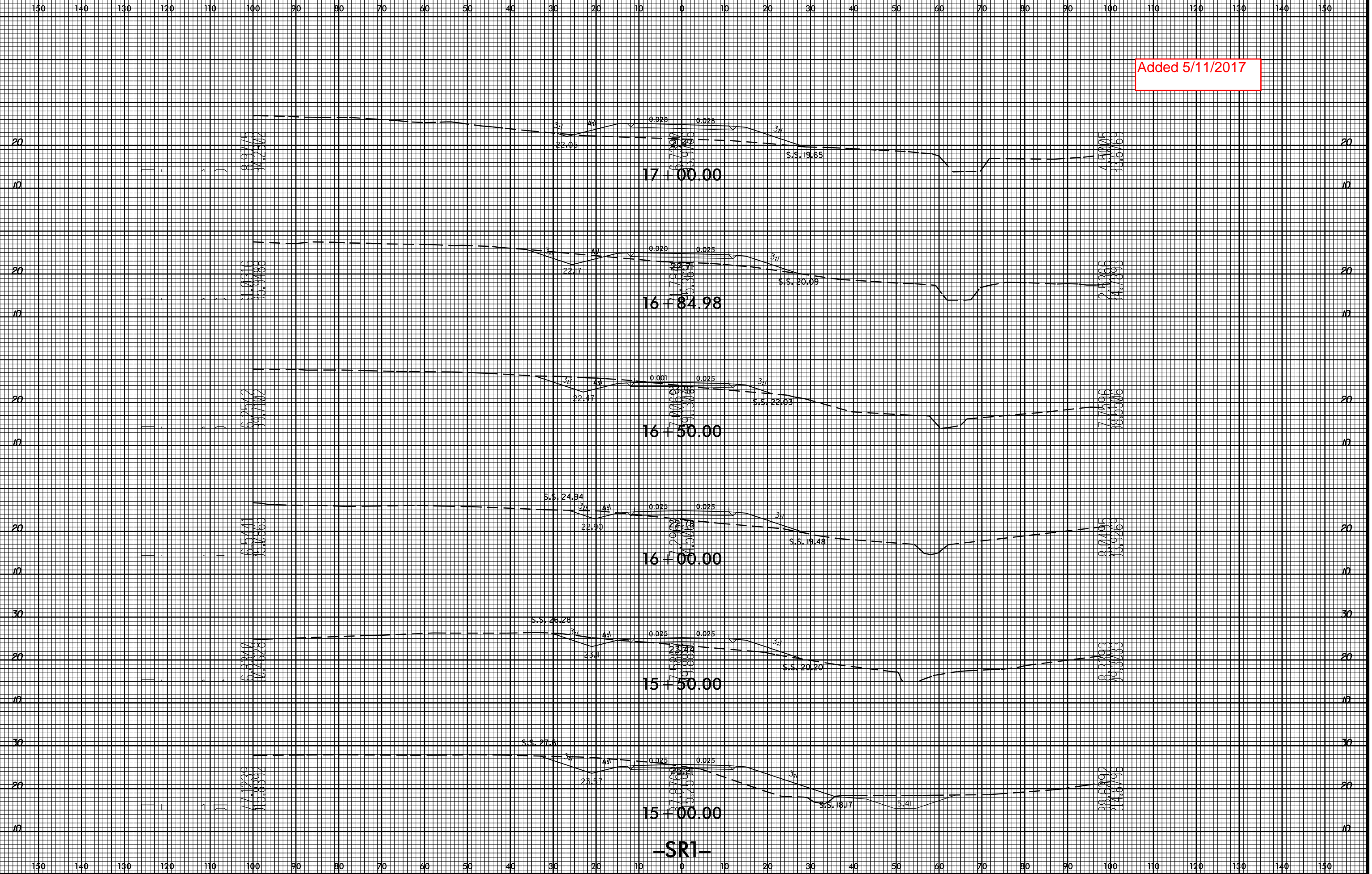
MATCHLINE -SRI- STA. 14+00 SEE SHEET 40

-Y13- POT Sta. 15+16.28  
 -SRI- POT Sta. 18+90.48  
 BRG BK N 13° 58' 29.2" E

FOR -SRI- PROFILE SEE SHEET 63

8/23/99

Added 5/11/2017



-SR1-

SYTIME  
CONUS  
US  
SYTIME  
CONUS  
US