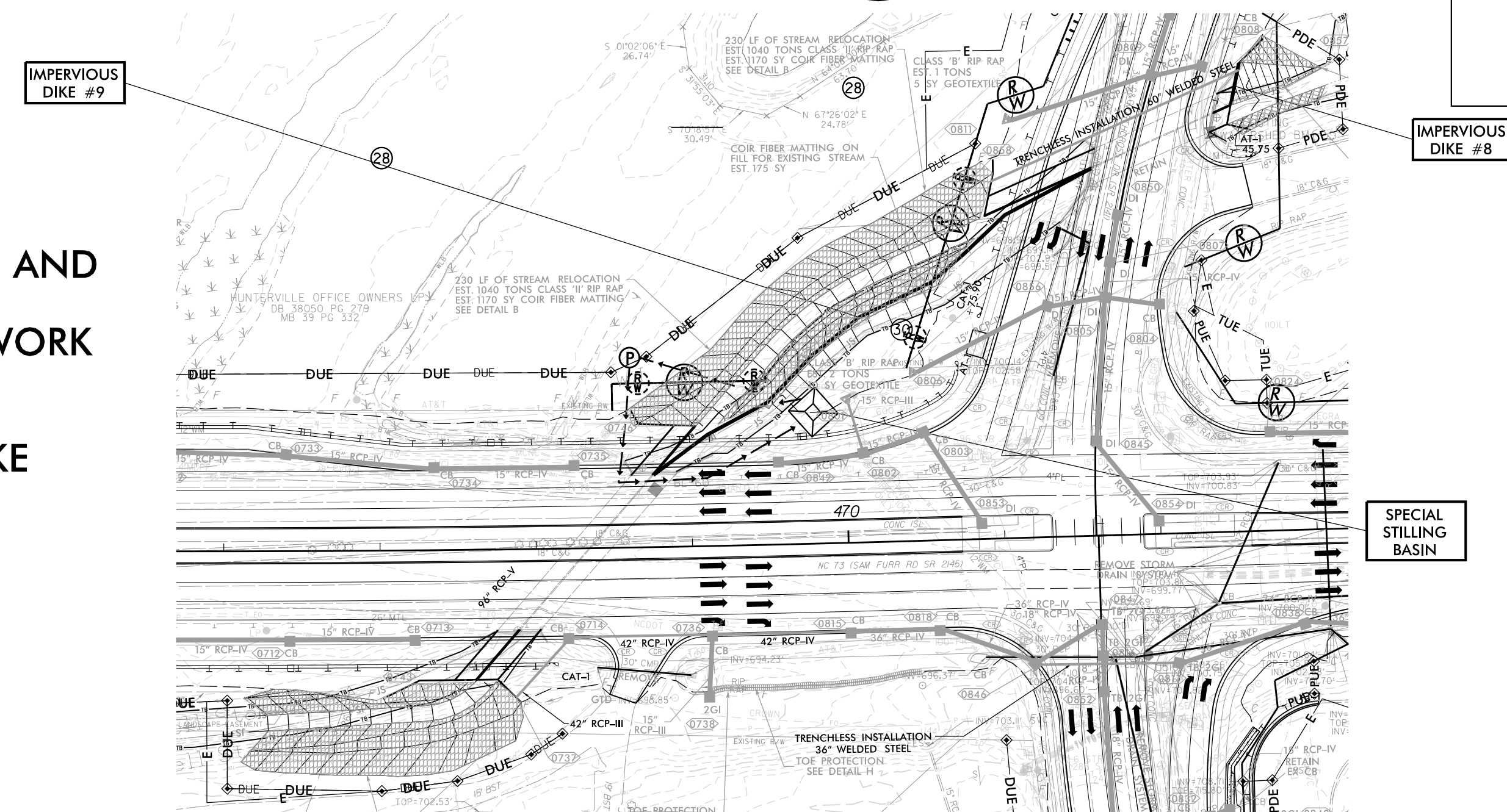


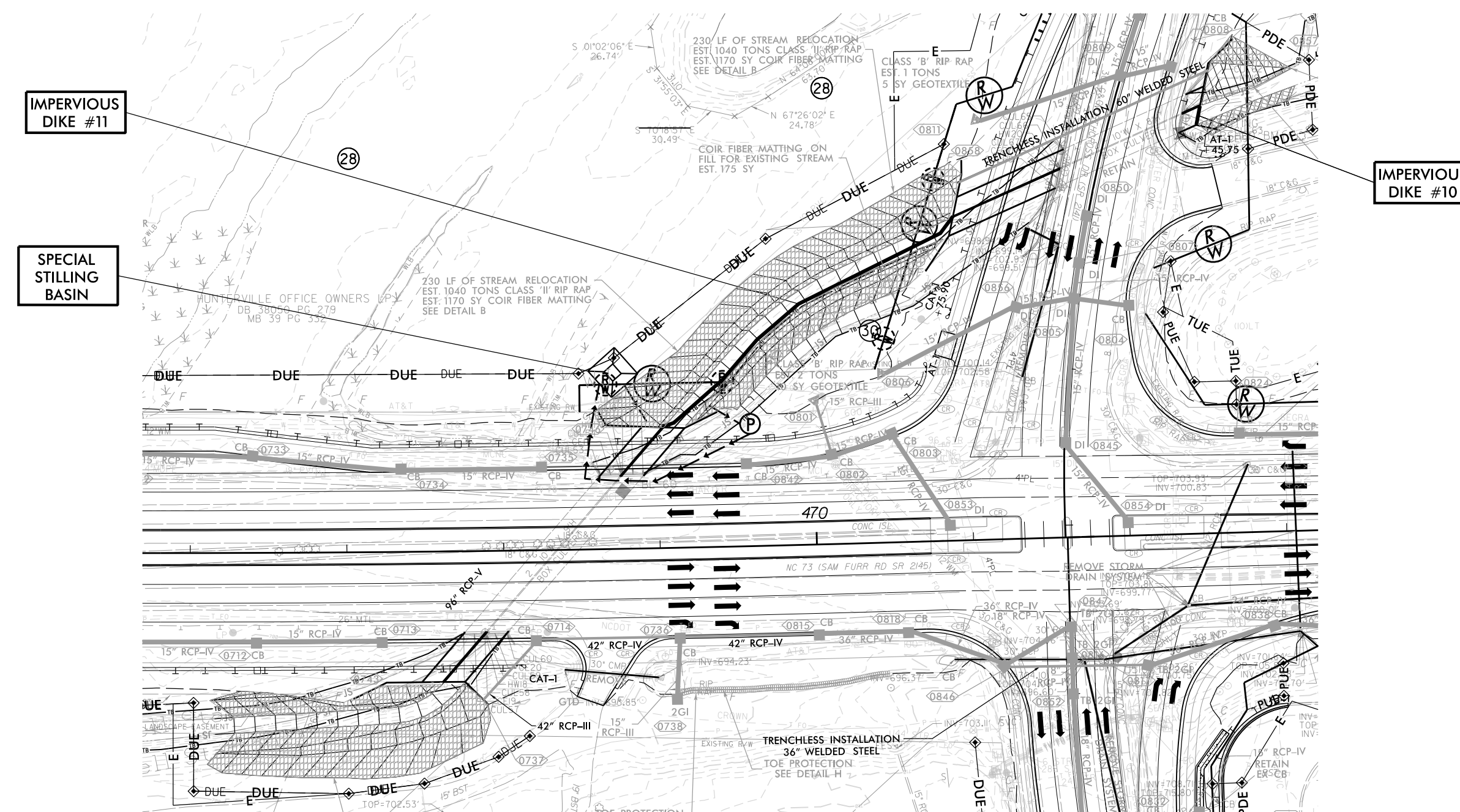
2 @ 10' X 9' RCBC AND 2 @ 10' X 8' RCBC CULVERT CONSTRUCTION SEQUENCE -L- @ -Y49-

PHASE V

1. REMOVE IMPERVIOUS DIKE #6 AND #7 AND INSTALL IMPERVIOUS DIKE #8 AND #9 AS SHOWN.
2. PROVIDE PUMP AND SPECIAL STILLING BASIN FOR DEWATERING OF THE WORK ZONE.
3. INSTALL PORTION OF 10'X9' RCBC, 10'X8' RCBC, AS SHOWN.
4. COMPLETE PORTION OF CHANNEL IMPROVEMENTS BEHIND IMPERVIOUS DIKE #9.



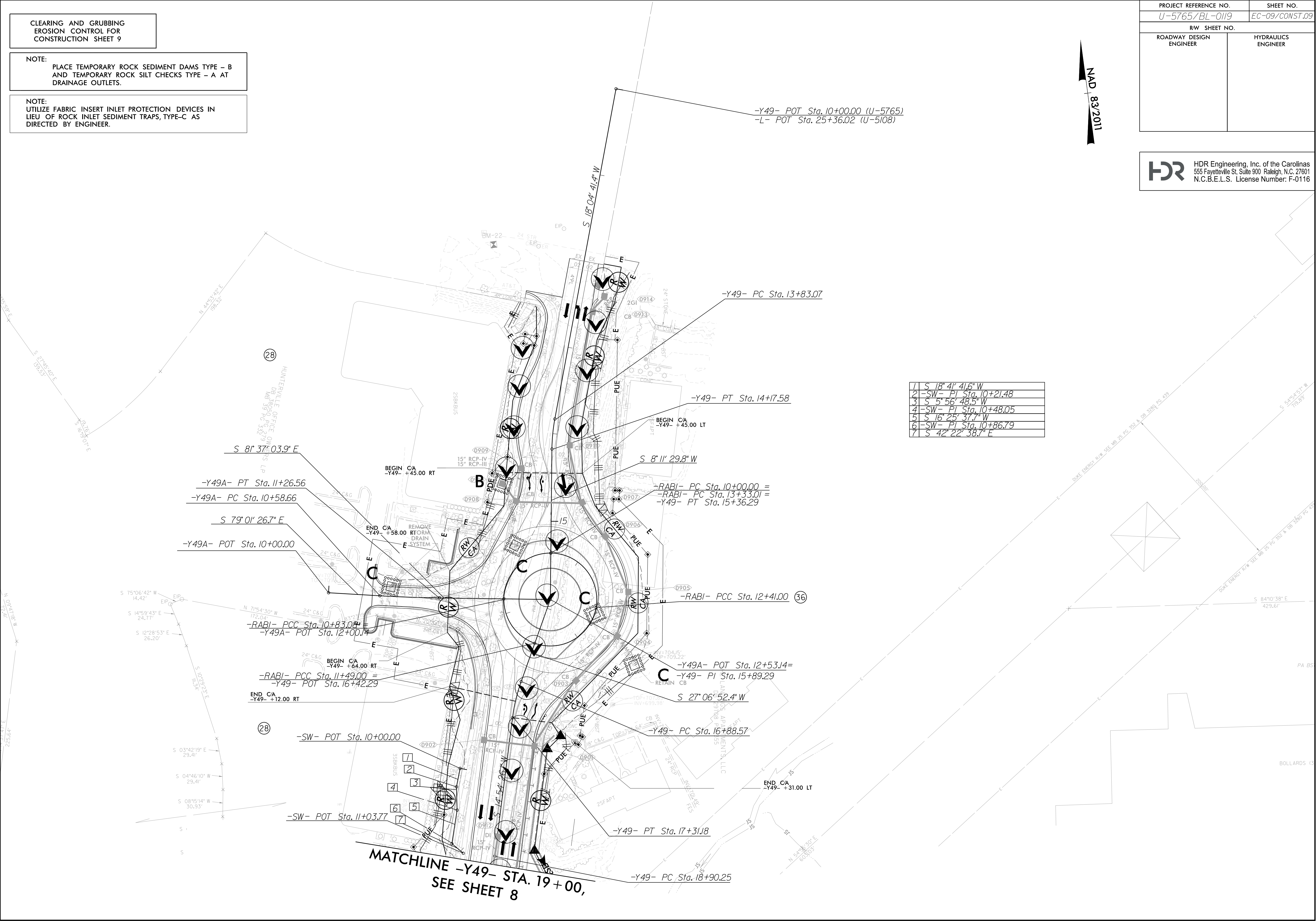
NOT TO SCALE

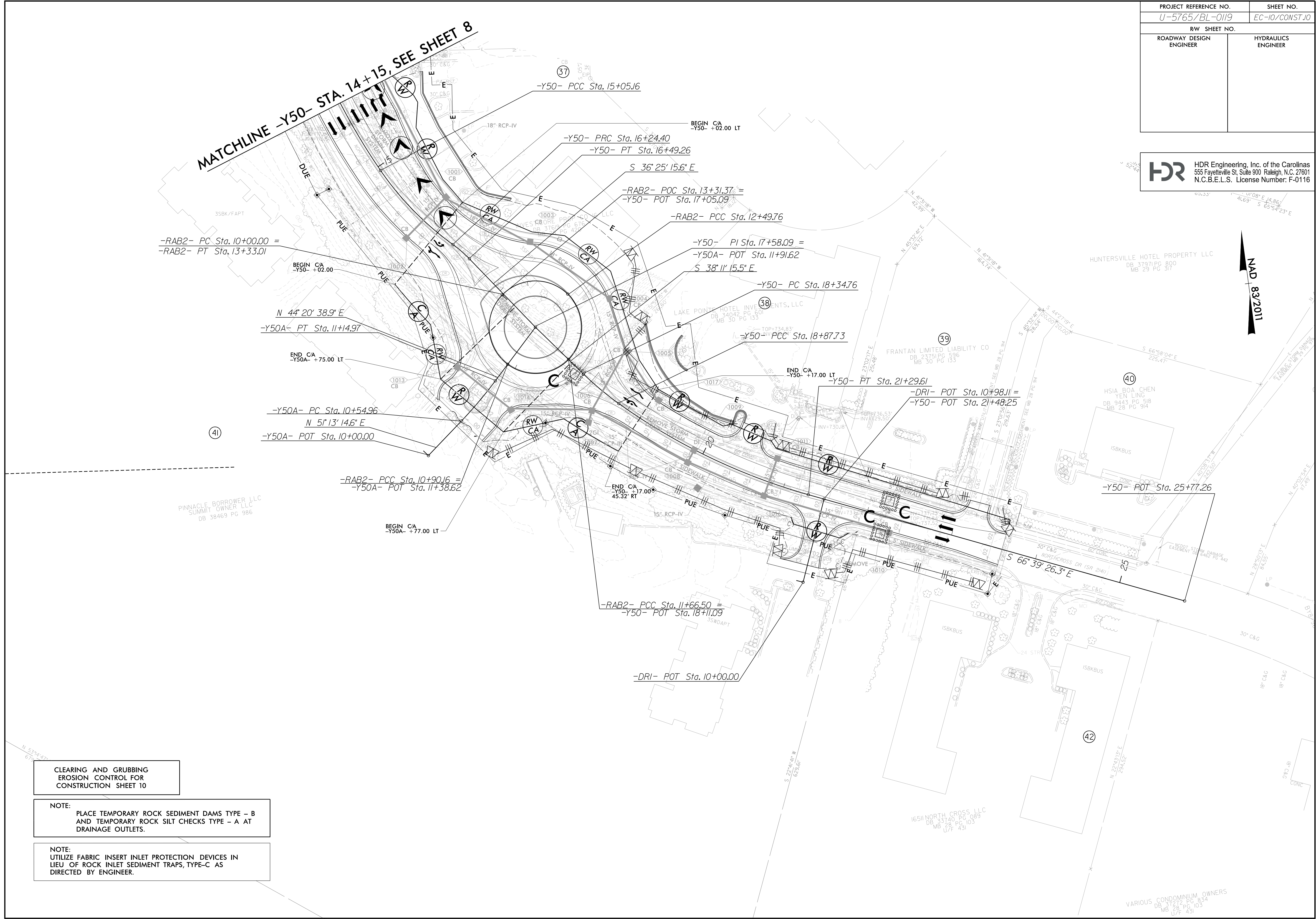


PHASE VI

1. REMOVE IMPERVIOUS DIKE #8 AND #9 AND INSTALL IMPERVIOUS DIKE #10 AND #11 AS SHOWN.
2. PROVIDE PUMP AND SPECIAL STILLING BASIN FOR DEWATERING OF THE WORK ZONE.
3. INSTALL REMAINING PORTION OF 10'X9' RCBC, 10'X8' RCBC AS SHOWN.
4. COMPLETE PORTION OF CHANNEL IMPROVEMENTS BEHIND IMPERVIOUS DIKE #11.
5. USE PUMP-AROUND OPERATION AND TEMPORARY IMPERVIOUS DIKES TO COMPLETE REMAINING PORTION OF CHANNEL IMPROVEMENTS DOWNSTREAM OF 10'X8' RCBC AND UPSTREAM OF 10'X9' RCBC.

PHASING OF CULVERT CONSTRUCTION TO BE
IN COMPLIANCE WITH TRANSPORTATION
MANAGEMENT PLAN (TMP).





PROJECT REFERENCE NO.		SHEET NO.
U-5765/BL-0119		EC-10/CONST.10
R/W SHEET NO.		
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER

HDR HDR Engineering, Inc. of the Carolinas
555 Fayetteville St. Suite 900 Raleigh, N.C. 27601
N.C.B.E.L.S. License Number: F-0116

NAD 83/2011

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 10

NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B
AND TEMPORARY ROCK SILT CHECKS TYPE - A AT
DRAINAGE OUTLETS.

NOTE:
UTILIZE FABRIC INSERT INLET PROTECTION DEVICES IN
LIEU OF ROCK INLET SEDIMENT TRAPS, TYPE-C AS
DIRECTED BY ENGINEER.

PENTABLE: NCDOT_EC_FINAL_BW.tbl
TIME: 11:08:41 AM

PLOT DRIVER: NCDOT_pdf_color_eng.100.plt
USER: DWAGNER
DATE: 5/20/2026
FILE: \

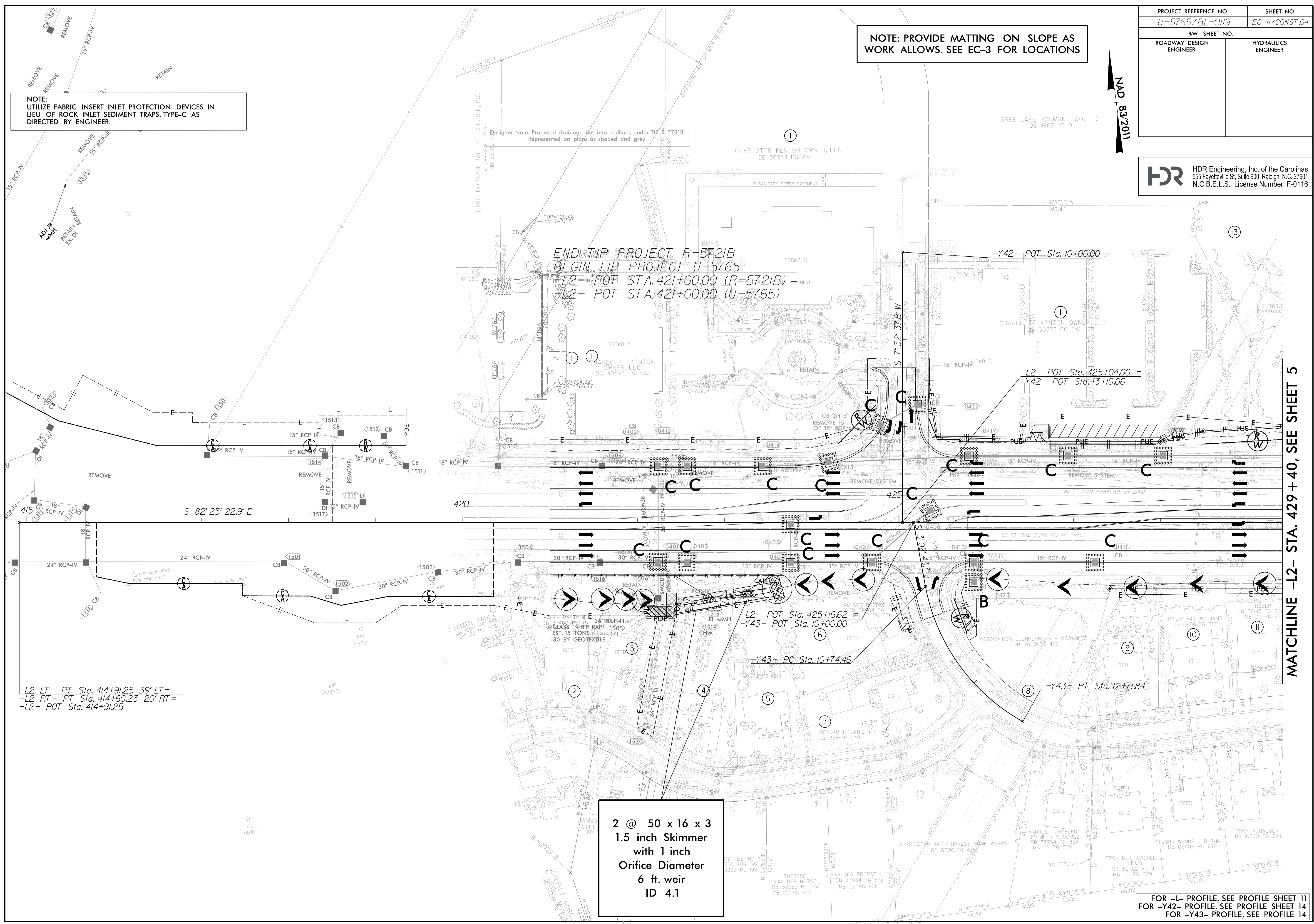
NOTE:
UTILIZE FABRIC INSERT INLET PROTECTION DEVICES IN
LIEU OF ROCK INLET SEDIMENT TRAPS, TYPE-C AS
DIRECTED BY ENGINEER.

NOTE: PROVIDE MATTING ON SLOPE AS
WORK ALLOWS. SEE EC-3 FOR LOCATIONS

PROJECT REFERENCE NO.		SHEET NO.
U-5765/BL-0119		EC-11/CONST.04
RW SHEET NO.		HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER		

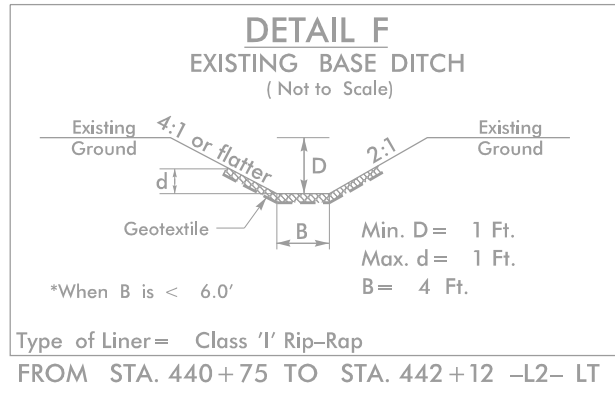
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NAD 83/2011



PROJECT REFERENCE NO.	SHEET NO.
U-5765/BL-0119	EC-12/CONST.05
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

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NOTE:
UTILIZE FABRIC INSERT INLET PROTECTION DEVICES IN
LIEU OF ROCK INLET SEDIMENT TRAPS, TYPE-C AS
DIRECTED BY ENGINEER.

NOTE: PROVIDE MATTING ON SLOPE AS
WORK ALLOWS. SEE EC-3 FOR LOCATIONS

NOTE: CONTRACTOR TO USE MATTING ON
SLOPE ADJACENT TO POND AS NECESSARY
TO MINIMIZE EXPOSURE OF BARE SOIL.

MATCHLINE -L2- STA. 429 + 40, SEE SHEET 4

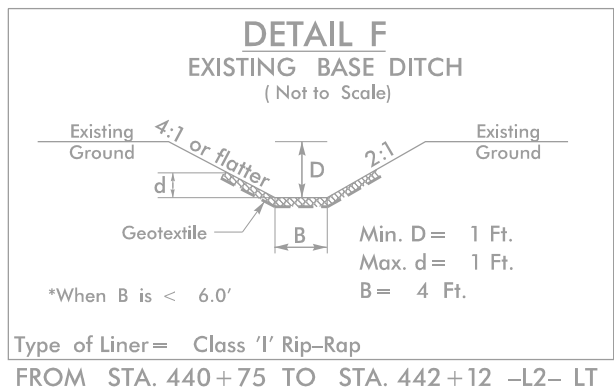
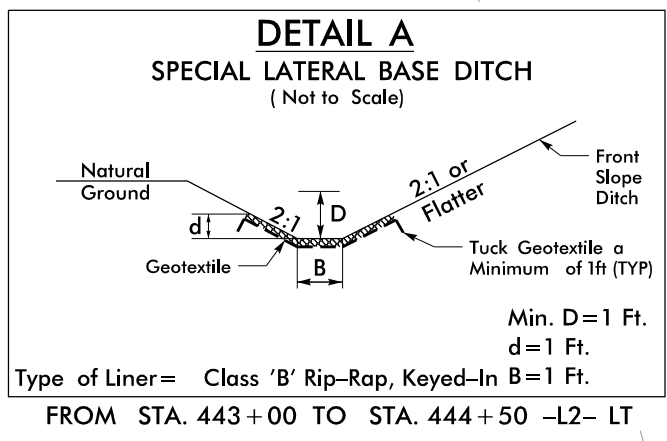
MATCHLINE -L2- STA. 441 + 40, SEE SHEET 6

FOR -L- PROFILE, SEE PROFILE SHEET 11
FOR -Y42- PROFILE, SEE PROFILE SHEET 14
FOR -Y43- PROFILE, SEE PROFILE 14

2 @ 41 x 18 x 3
1.5 inch Skimmer
with 0.875 inch
Orifice Diameter
6 ft. weir
ID 5.1

PLOT DRIVER: NCDOT_ec_final_bw.tbl
PENTABLE: NCDOT_EC_FINAL_BW.tbl
TIME: 11:08:53 AM

DATE: 5/20/2026
USER: DWAGNER
FILE: \

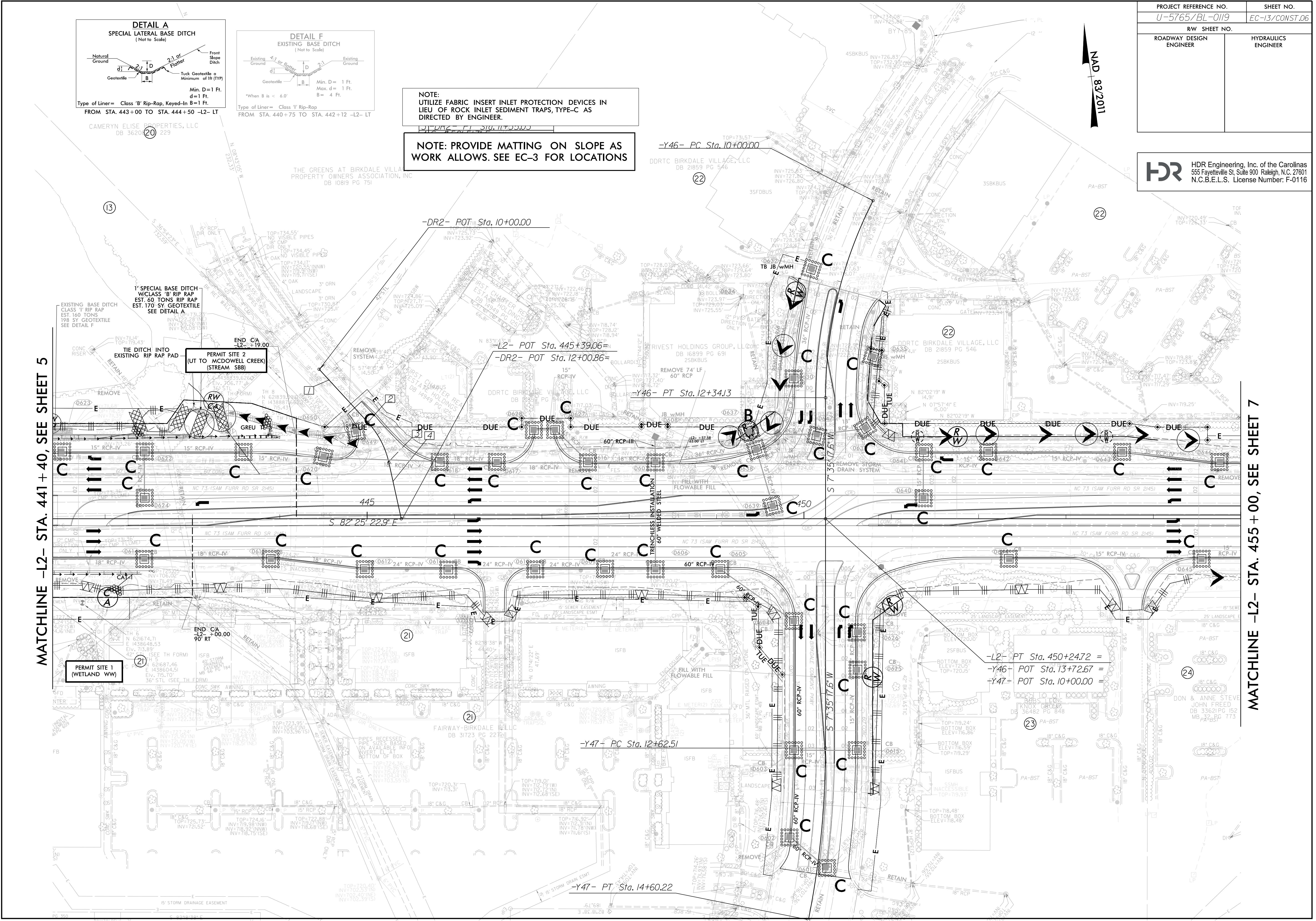


NOTE:
UTILIZE FABRIC INSERT INLET PROTECTION DEVICES IN LIEU OF ROCK INSERT SEDIMENT TRAPS, TYPE-C AS DIRECTED BY ENGINEER.

NOTE: PROVIDE MATTING ON SLOPE AS WORK ALLOWS. SEE EC-3 FOR LOCATIONS

PROJECT REFERENCE NO. U-5765/BL-0119		SHEET NO. EC-13/CONST.06	
R/W SHEET NO.		HYDRAULICS ENGINEER	
ROADWAY DESIGN ENGINEER			

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PROJECT REFERENCE NO.	SHEET NO.
U-5765/BL-0119	EC-14/CONST.07
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

HDR Engineering, Inc. of the Carolinas
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N.C.B.E.L.S. License Number: F-01116

ON SITE PRE-CONSTRUCTION MEETINGS WILL BE REQUIRED PRIOR TO BEGINNING CULVERT WORK

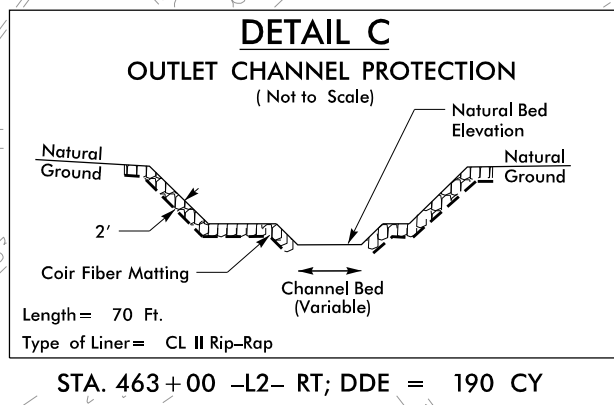
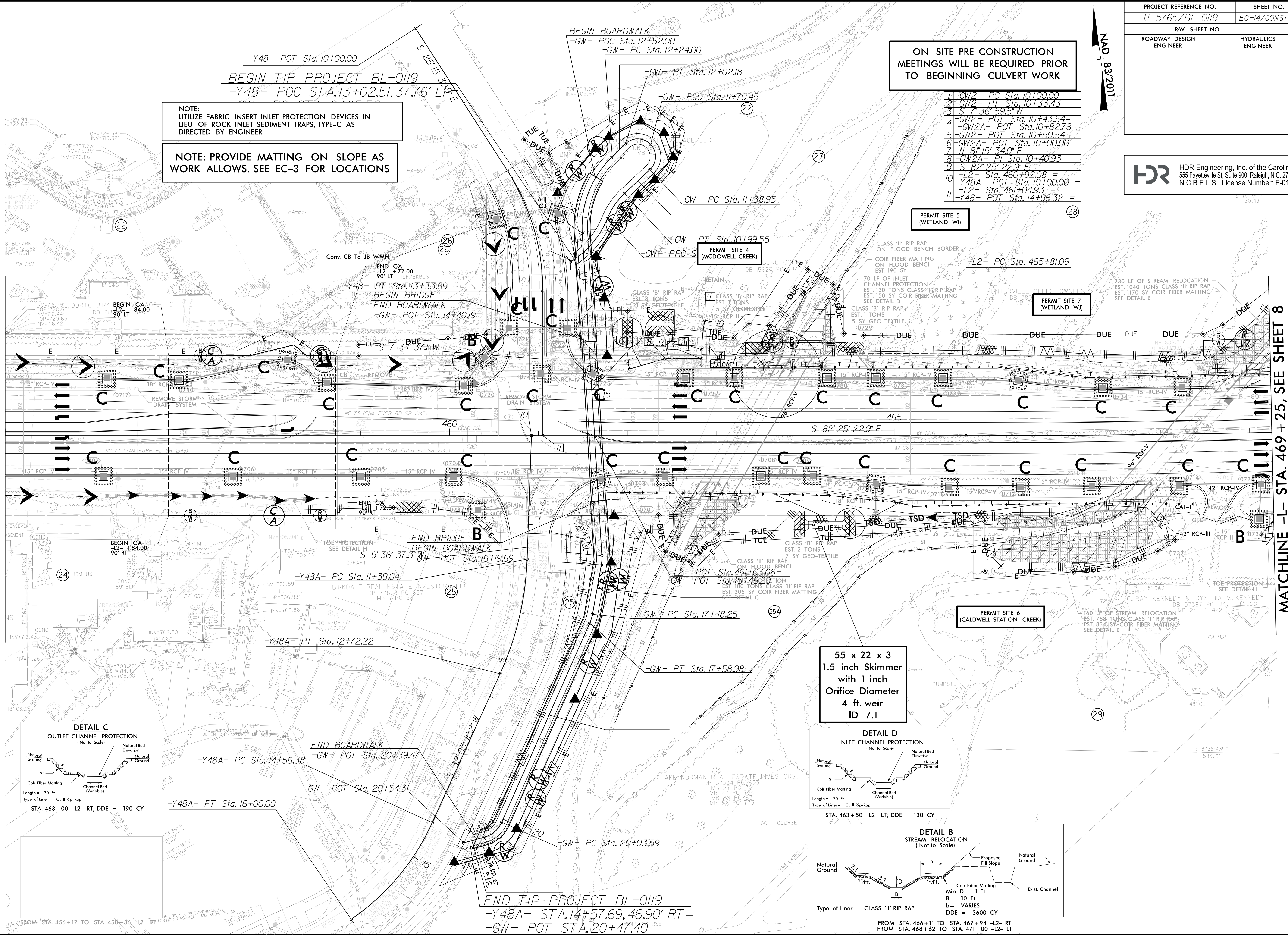
1	-GW2- PC Sta. 10+00.00
2	-GW2- PT Sta. 10+33.43
3	-S 36° 59' 53" W
4	-GW2A- POT Sta. 10+43.54
5	-GW2A- POT Sta. 10+82.78
6	-GW2A- POT Sta. 10+100.00
7	-N 81° 15' 34" E
8	-GW2A- PT Sta. 10+40.93
9	-S 82° 25' 22" E
10	-L2- Sta. 460+92.08 =
11	-Y48A- POT Sta. 10+00.00 =
12	-L2- Sta. 461+04.93 =
13	-Y48- POT Sta. 14+96.32 =

NOTE: UTILIZE FABRIC INSERT INLET PROTECTION DEVICES IN LIEU OF ROCK INLET SEDIMENT TRAPS, TYPE-C AS DIRECTED BY ENGINEER.

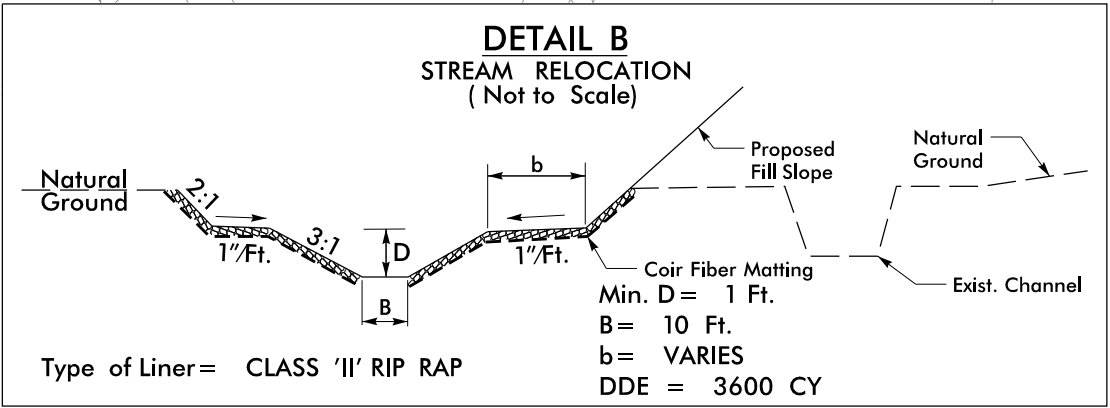
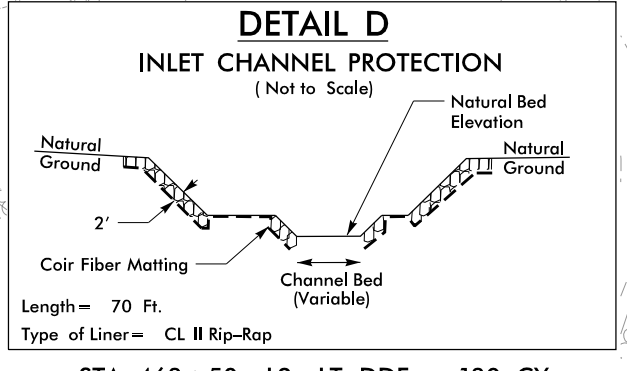
NOTE: PROVIDE MATTING ON SLOPE AS WORK ALLOWS. SEE EC-3 FOR LOCATIONS

MATCHLINE -L2- STA. 455+00, SEE SHEET 6

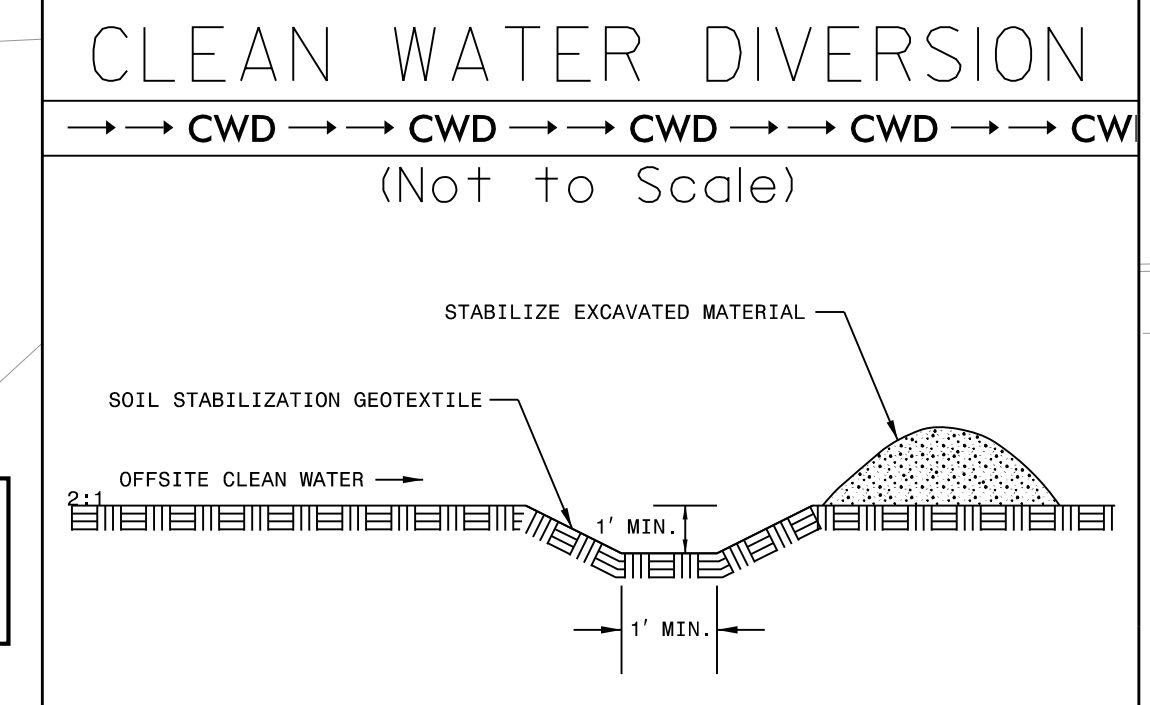
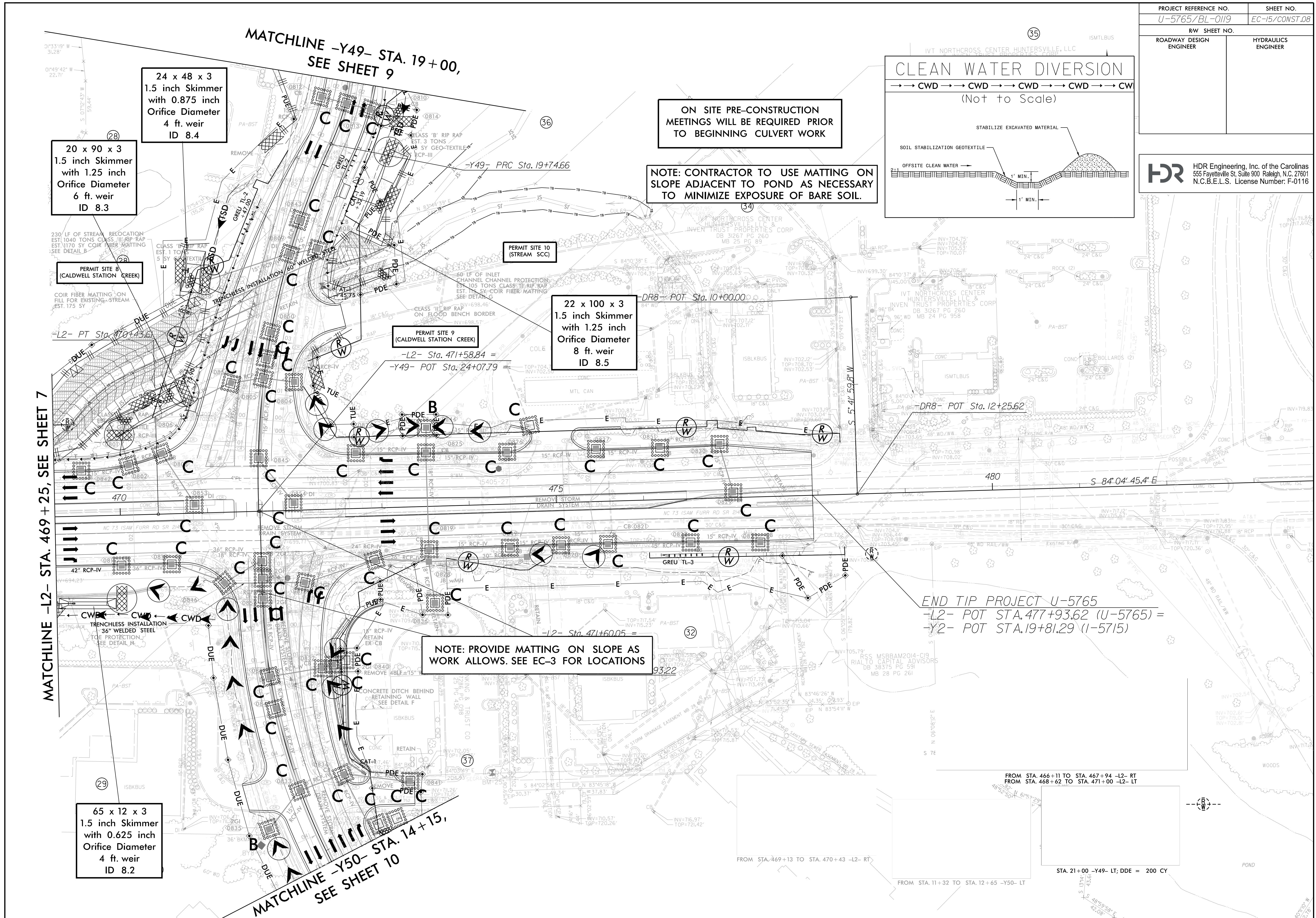
MATCHLINE -L- STA. 469+25, SEE SHEET 8



55 x 22 x 3
1.5 inch Skimmer
with 1 inch
Orifice Diameter
4 ft. weir
ID 7.1

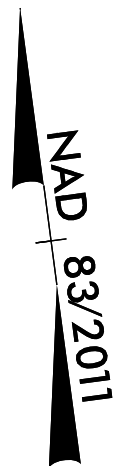


PROJECT REFERENCE NO.	SHEET NO.
<i>U-5765/BL-0119</i>	<i>EC-15/CONST.08</i>
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

 HDR Engineering, Inc. of the Carolinas
555 Fayetteville St, Suite 900 Raleigh, N.C. 27601
N.C.B.E.L.S. License Number: F-0116

NOTE:
UTILIZE FABRIC INSERT INLET PROTECTION DEVICES IN
LIEU OF ROCK INLET SEDIMENT TRAPS, TYPE-C AS
DIRECTED BY ENGINEER.

NOTE: PROVIDE MATTING ON SLOPE AS
WORK ALLOWS. SEE EC-3 FOR LOCATIONS



PROJECT REFERENCE NO.		SHEET NO.	
U-5765/BL-0119		EC-16/CONST.09	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
 HDR Engineering, Inc. of the Carolinas 555 Fayetteville St, Suite 900 Raleigh, N.C. 27601 N.C.B.E.L.S. License Number: F-0116			

