

PROJECT REFERENCE NO. R-5769		SHEET NO. EC-4/CONST.4	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			
		1223 Jones Franklin Rd. Raleigh, N.C. 27606 License No. E-0377 Bus: 919 851 8077 Fax: 919 851 8107	
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION			
SEE SHEET 9 FOR -YIREV- PROFILE SEE SHEET 9 FOR -L- PROFILE			

NOTE: CONTRACTOR WILL BE REQUIRED TO FOLLOW NCDOT RECLAMATION PROCEDURES FOR BORROW/WASTESTAGING AREAS FOR CONSTRUCTION IF LAND DISTURBING ACTIVITIES OCCUR WITHIN THE CONTRACTOR LAYDOWN AREA

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

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 4

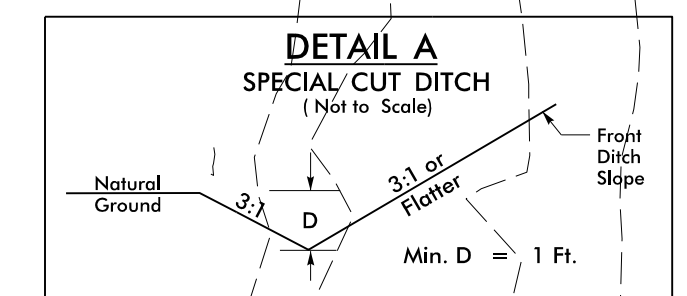
ENVIRONMENTALLY SENSITIVE AREA SEE PROJECT SPECIAL PROVISIONS

40 x 12 x 3
1.5 inch Skimmer
with 0.5 inch
Orifice Diameter
4 ft. weir
ID 4.4

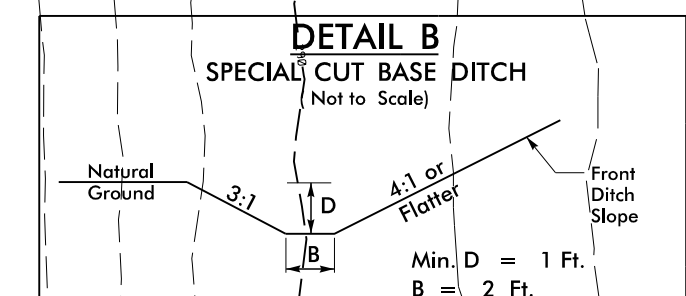
36 x 12 x 3
1.5 inch Skimmer
with 0.5 inch
Orifice Diameter
4 ft. weir
ID 4.3

35 x 12 x 3
1.5 inch Skimmer
with 0.375 inch
Orifice Diameter
4 ft. weir
ID 4.2

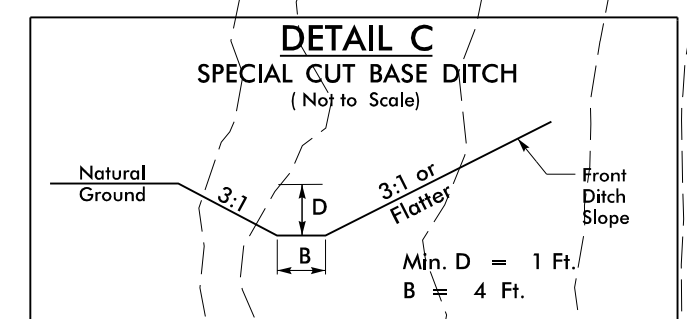
40 x 14 x 3
4 ft. weir
ID 4.1



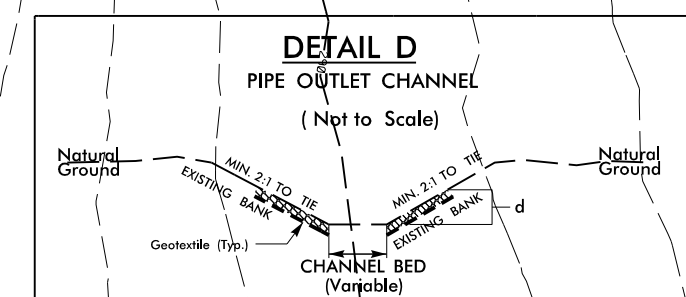
FROM -L- STA. 10+33 TO STA. 12+00 LT
FROM -L- STA. 10+49 TO STA. 12+00 RT
FROM -L- STA. 14+25 TO STA. 16+14 LT
FROM -YIREV- STA. 11+75 TO STA. 14+00 LT
FROM -YIREV- STA. 21+50 TO STA. 22+50 LT



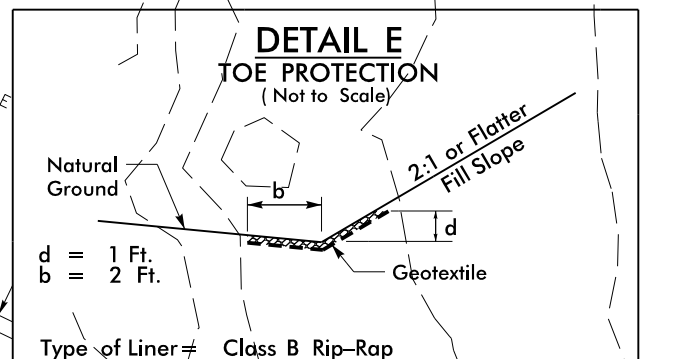
FROM -YIREV- STA. 14+00 TO STA. 18+00 LT



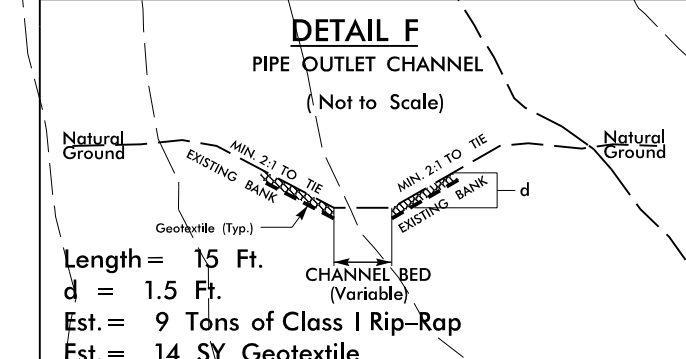
FROM -YIREV- STA. 19+00 TO STA. 19+92 LT



Length = Within Exist. R/W Limits
d = 2.0 Ft.
Est. = 4 Tons of Class I Rip-Rap
Est. = 6 SY Geotextile
FROM -YIREV- STA. 20+34 TO STA. 20+48 RT.



Type of Liner = Class B Rip-Rap
FROM -L- STA. 16+14 TO STA. 16+64 LT
Estimate 13 Tons Class B Rip-Rap
Estimate 45 SY Geotextile
FROM -L- STA. 18+21 TO STA. 19+21 RT
Estimate 78 Tons Class B Rip-Rap
Estimate 267 SY Geotextile

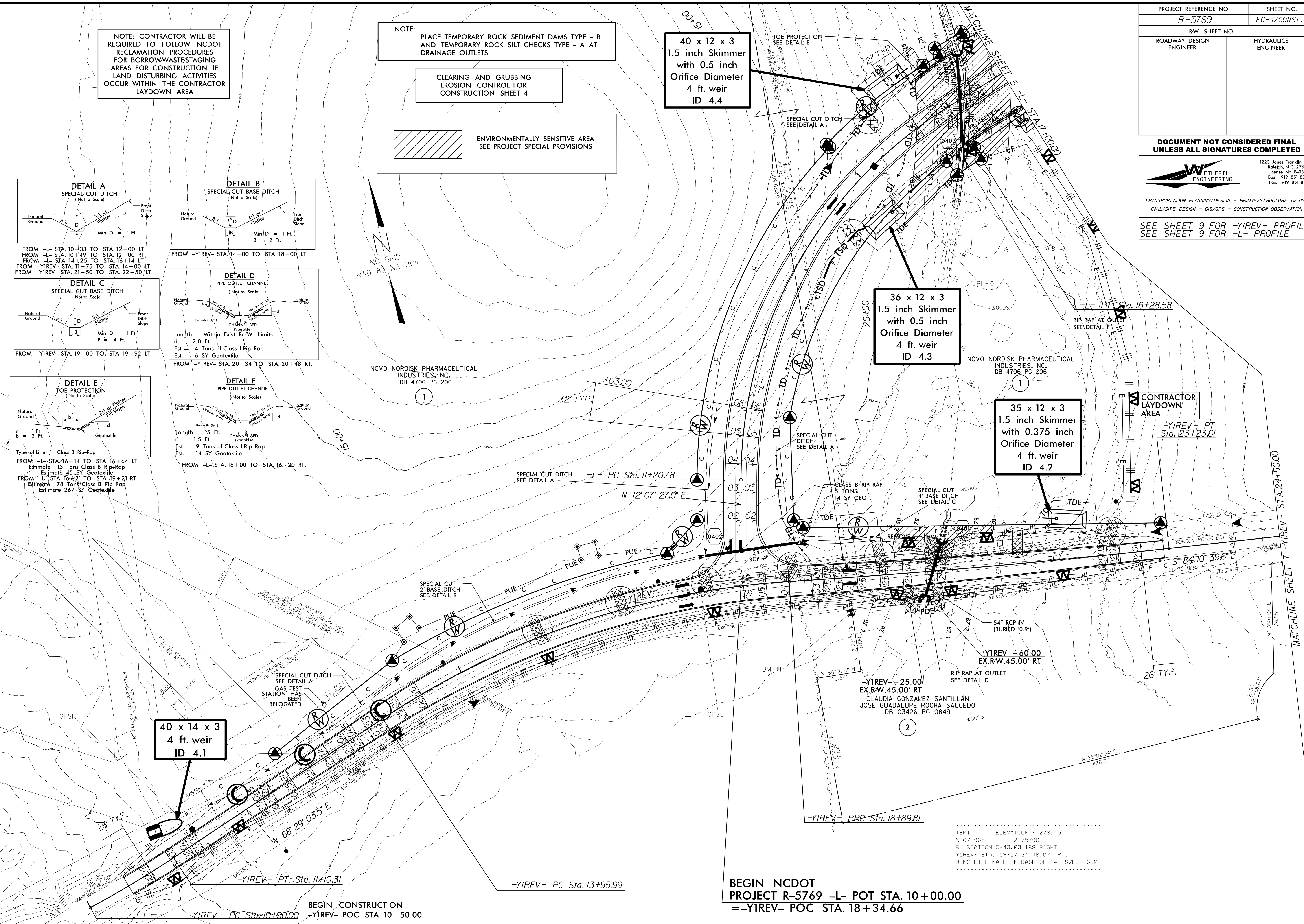


Length = 15 Ft.
d = 1.5 Ft.
Est. = 9 Tons of Class I Rip-Rap
Est. = 14 SY Geotextile
FROM -L- STA. 16+00 TO STA. 16+20 RT.

REVISIONS

8/17/99

SYSTEMS DESIGN/CONSTRUCTION/OPERATION/MAINTENANCE



BEGIN NCDOT PROJECT R-5769 -L- POT STA. 10+00.00 =-YIREV- POC STA. 18+34.66

TBM1 ELEVATION - 278.45
N 67°56' E 21757.90
BL STATION 5+40.00 168 RIGHT
YIREV- STA. 19+57.34 40.07' RT.
BENCHMARK NAIL IN BASE OF 14" SWEET GUM