

PROJECT REFERENCE NO.	SHEET NO.
U-2579AB	EC-9/CONST. 9
RW 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

**SITE 6B**

CLEARING AND GRUBBING  
EROSION CONTROL FOR  
CONSTRUCTION SHEET 9

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

198 x 40 x 5  
3.0 inch Skimmer  
with 3.0 inch  
Orifice Diameter  
21 ft. weir  
ID 9.2 B

48 x 24 x 3  
1.5 inch Skimmer  
with 0.875 inch  
Orifice Diameter  
4 ft. weir  
ID 9.5 CG

38 x 38 x 3  
1.5 inch Skimmer  
with 1.25 inch  
Orifice Diameter  
11 ft. weir  
(See Tiered Skimmer  
Basin Detail)  
ID 9.1 CG

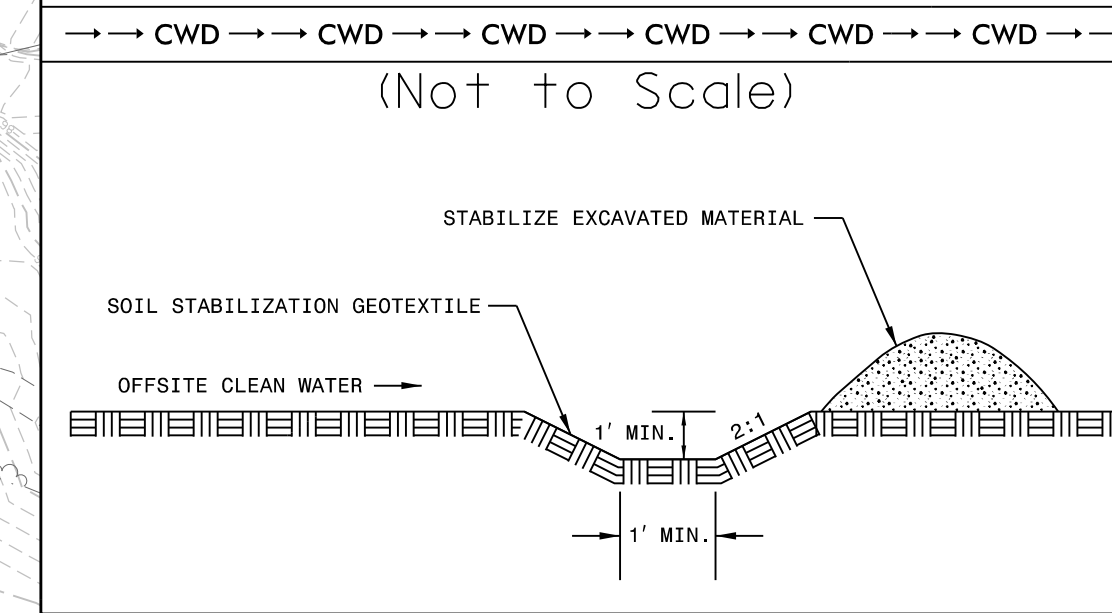
Modified Silt Basin  
Type 'B'  
38 x 38 x 3  
11 ft. weir  
(See Tiered Skimmer  
Basin Detail)  
ID 9.1 CG

UTILIZE TEMPORARY STREAM CROSSING (STD. 1645.01) DURING  
CLEARING OPERATIONS AND EARLY STAGES OF GRADING.  
CONTRACTOR MAY DETERMINE APPROPRIATE LOCATION.

**SITE 6**

**SITE 6A**

**CLEAN WATER DIVERSION**



68 x 26 x 3  
1.5 inch Skimmer  
with 1.25 inch  
Orifice Diameter  
6 ft. weir  
ID 9.3 B

128 x 29 x 3  
2.0 inch Skimmer  
with 1.75 inch  
Orifice Diameter  
14 ft. weir  
ID 9.4 B

NOTES:  
SEE SHEET 30 FOR -L- PROFILE  
SEE SHEET 55 FOR -Y15FLYBD- PROFILE  
SEE SHEET 61 FOR -Y15FLYCA- PROFILE  
SEE SHEET 62 FOR -Y15RPA- PROFILE  
SEE SHEETS C1-1 THRU C1-11 FOR  
CULVERT PLANS

PLOT DRIVER: NCDOT\_pdf\_color\_eng\_100.pht  
 USER: MDIEHL  
 FILE: NCDOT\NCDOT\U2579AB\6.0.CAD\BIM\6.2.Work\In\_Progress\U-2579AB\Revision Control\U2579ab\_EC\_PSH.dgn  
 PENTABLE: NCDOT\_EC\_C&G\_BW.tbl  
 TIME: 1/12/21 PM  
 DATE: 7/16/2021  
 REVISIONS

MATCHLINE SHEET 8 -L- STA. 759 + 50.00

MATCHLINE SHEET 10 -L- STA. 773 + 00.00

MATCHLINE SHEET 10 -Y15FLYBD- STA. 23 + 00.00

PAVED SHOULDER