
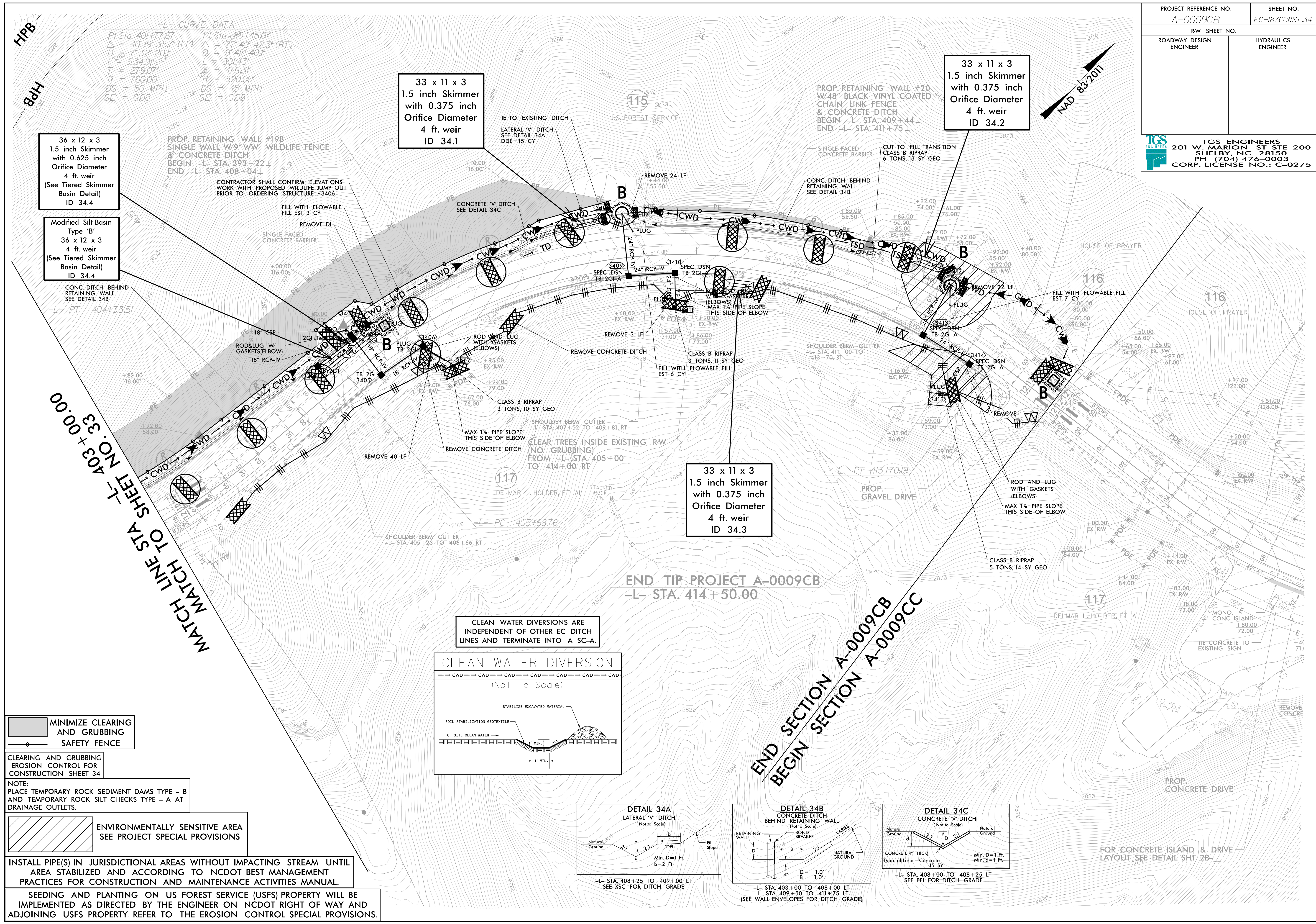


PROJECT REFERENCE NO.	SHEET NO.
A-0009CB	EC-18/CONST.34
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
 <b>TGS ENGINEERS</b> 201 W. MARION ST. STE 200 SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	



**-L- CURVE DATA**

PI Sta. 401+77.67	PI Sta. 410+45.07
$\Delta = 40' 18" 35.7" (LT)$	$\Delta = 77' 49" 42.3" (RT)$
$D_{100} = 7' 32" 20.1"$	$D = 9' 42" 40.1"$
$L_{100} = 534.91'$	$L = 801.43'$
$T = 279.07'$	$T = 476.31'$
$R = 760.00'$	$R = 590.00'$
$DS = 50 \text{ MPH}$	$DS = 45 \text{ MPH}$
$SE = 0.08$	$SE = 0.08$

36 x 12 x 3  
1.5 inch Skimmer  
with 0.625 inch  
Orifice Diameter  
4 ft. weir  
(See Tiered Skimmer  
Basin Detail)  
ID 34.4

Modified Silt Basin  
Type 'B'  
36 x 12 x 3  
4 ft. weir  
(See Tiered Skimmer  
Basin Detail)  
ID 34.4

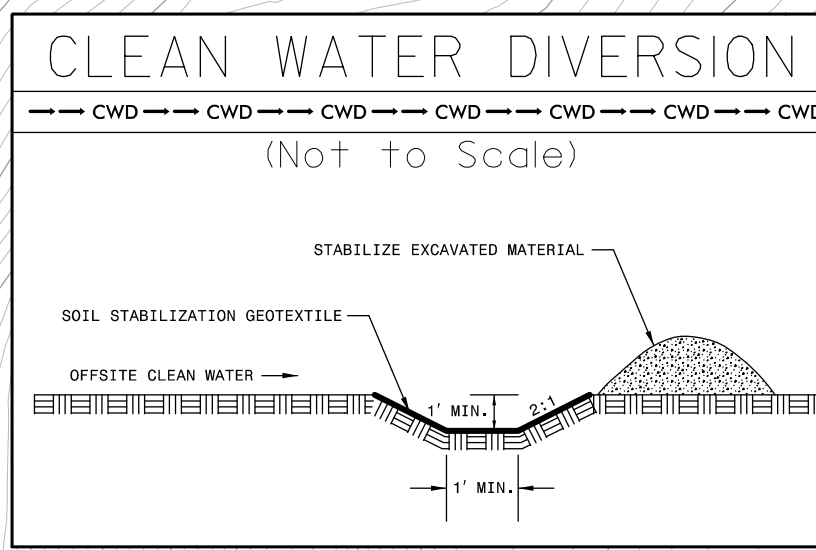
33 x 11 x 3  
1.5 inch Skimmer  
with 0.375 inch  
Orifice Diameter  
4 ft. weir  
ID 34.1

33 x 11 x 3  
1.5 inch Skimmer  
with 0.375 inch  
Orifice Diameter  
4 ft. weir  
ID 34.2

33 x 11 x 3  
1.5 inch Skimmer  
with 0.375 inch  
Orifice Diameter  
4 ft. weir  
ID 34.3

MATCH LINE STA 403+00.00 TO SHEET NO. A-0009CC

CLEAN WATER DIVERSIONS ARE  
INDEPENDENT OF OTHER EC DITCH  
LINES AND TERMINATE INTO A SC-A.



 MINIMIZE CLEARING  
AND GRUBBING  
SAFETY FENCE

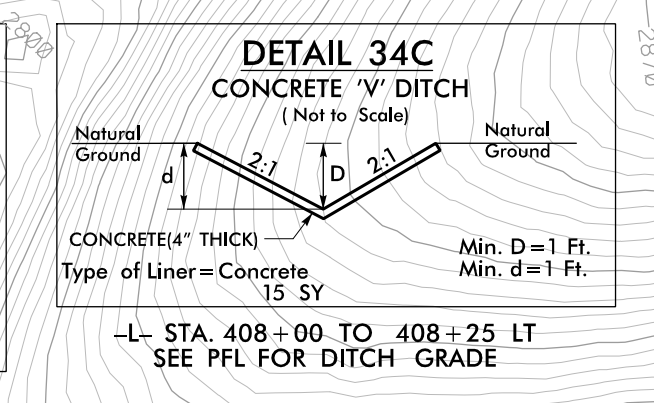
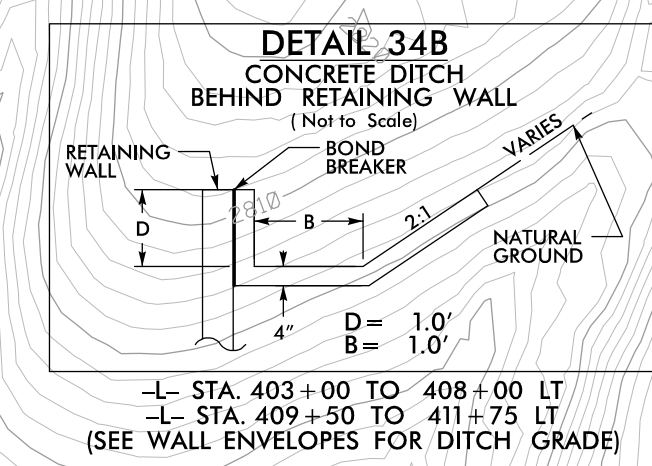
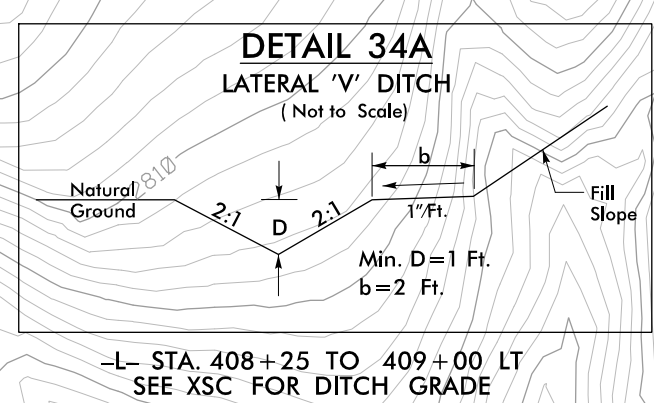
CLEARING AND GRUBBING  
EROSION CONTROL FOR  
CONSTRUCTION SHEET 34

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

 ENVIRONMENTALLY SENSITIVE AREA  
SEE PROJECT SPECIAL PROVISIONS

INSTALL PIPE(S) IN JURISDICTIONAL AREAS WITHOUT IMPACTING STREAM UNTIL  
AREA STABILIZED AND ACCORDING TO NCDOT BEST MANAGEMENT  
PRACTICES FOR CONSTRUCTION AND MAINTENANCE ACTIVITIES MANUAL.

SEEDING AND PLANTING ON US FOREST SERVICE (USFS) PROPERTY WILL BE  
IMPLEMENTED AS DIRECTED BY THE ENGINEER ON NCDOT RIGHT OF WAY AND  
ADJOINING USFS PROPERTY. REFER TO THE EROSION CONTROL SPECIAL PROVISIONS.



FOR CONCRETE ISLAND & DRIVE  
LAYOUT SEE DETAIL SHT 2B