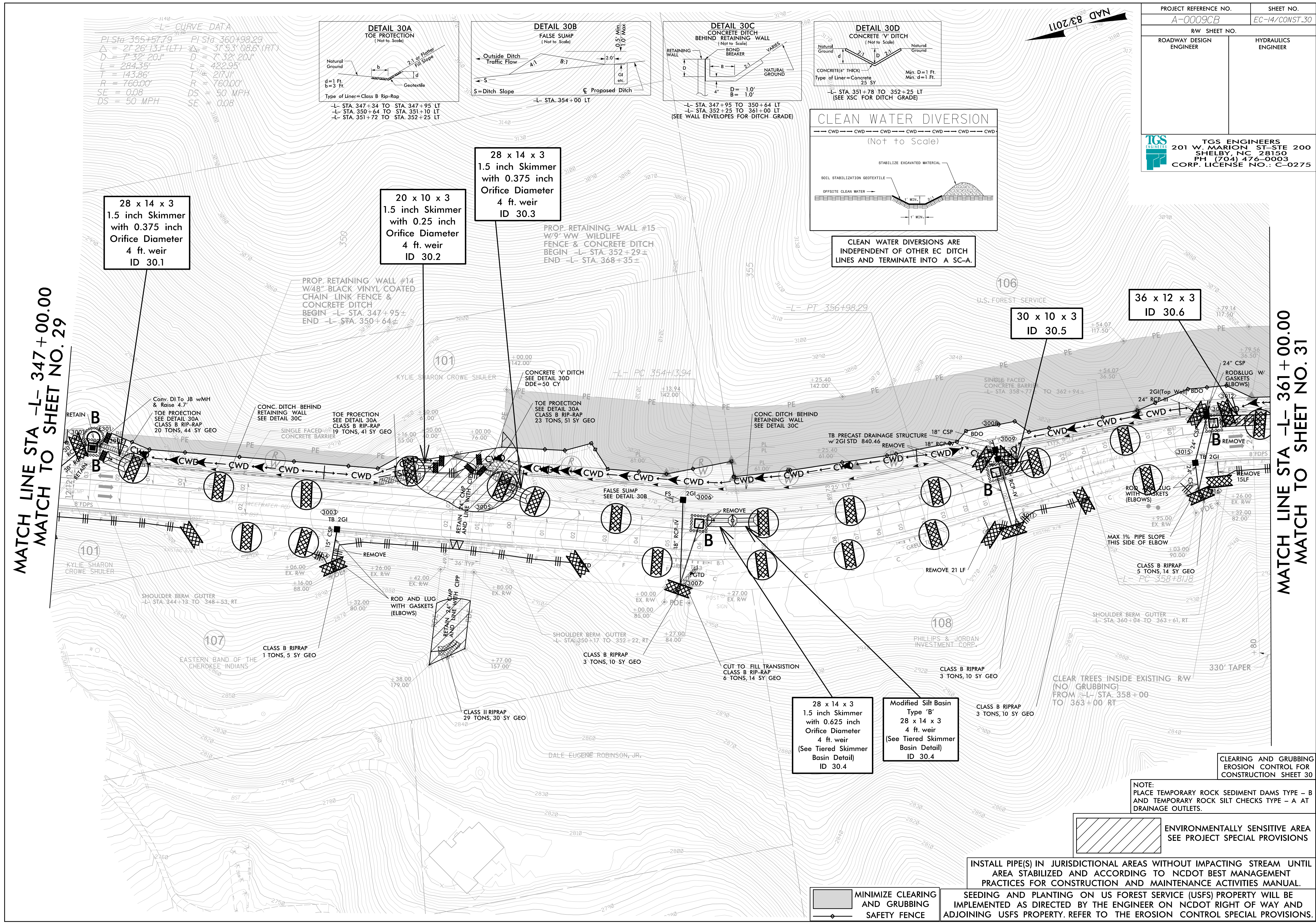


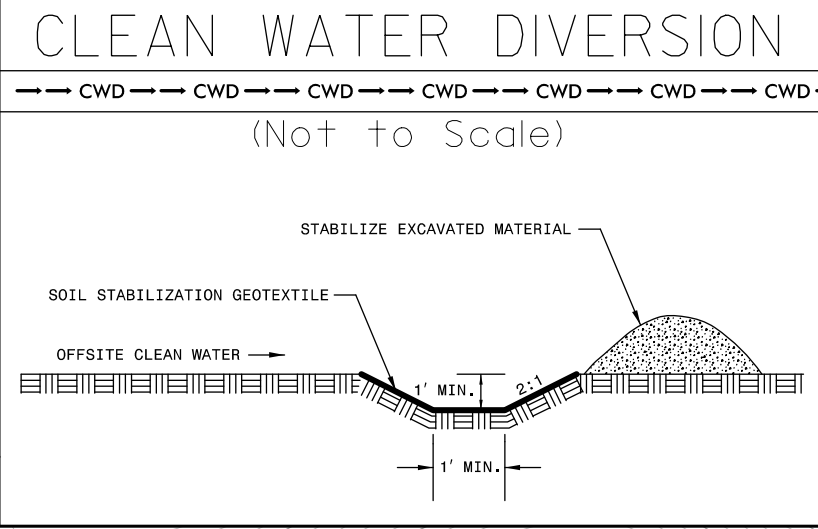
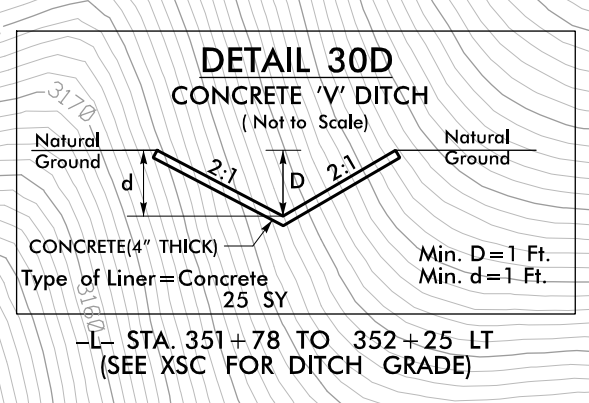
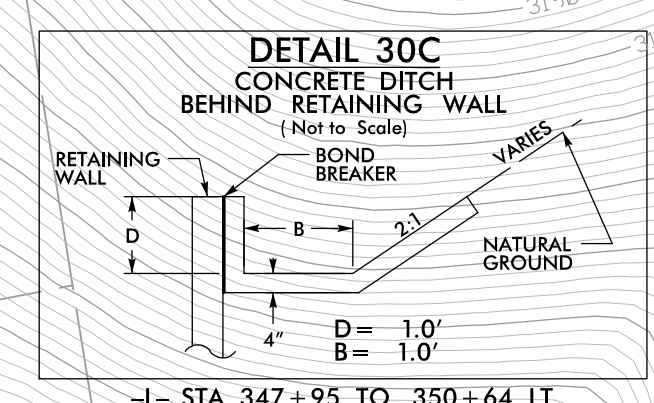
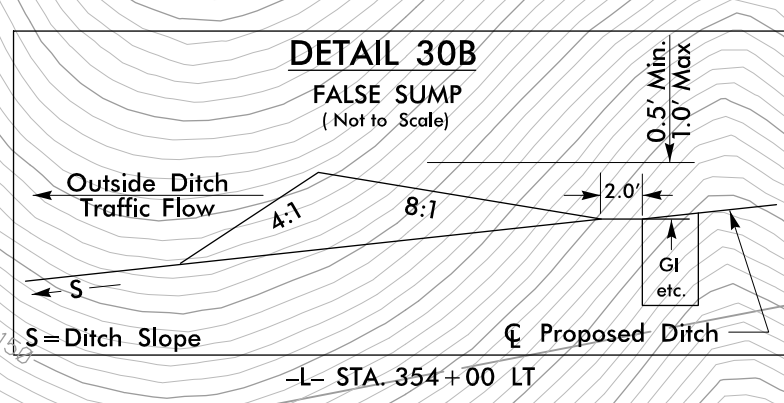
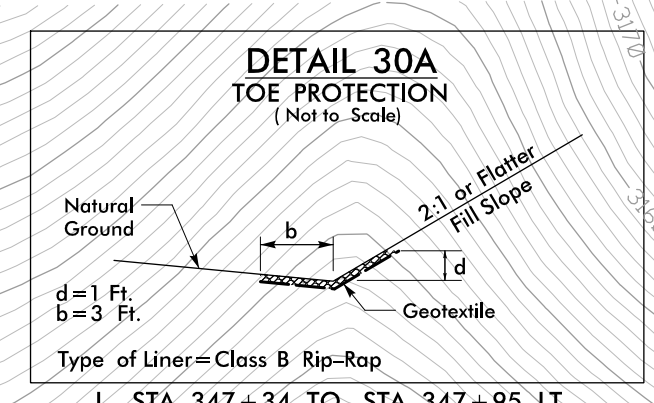
PROJECT REFERENCE NO. A-0009CB		SHEET NO. EC-14/CONST.30	
RW SHEET NO.		HYDRAULICS ENGINEER	
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
<b>TGS ENGINEERS</b> 201 W. MARION ST. STE 200 SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275			



MATCH LINE STA -L- 347+00.00  
MATCH TO SHEET NO. 29

MATCH LINE STA -L- 361+00.00  
MATCH TO SHEET NO. 31

**-L- CURVE DATA**  
 PI Sta 355+57.79 PI Sta 360+98.29  
 $\Delta = 21' 26" 13.1" (LT)$   $\Delta = 31' 53" 08.6" (RT)$   
 $D = 7' 32" 20.1"$   $D = 7' 32" 20.1"$   
 $L = 284.35'$   $L = 422.95'$   
 $T = 143.86'$   $T = 217.11'$   
 $R = 760.00'$   $R = 760.00'$   
 $SE = 0.08$   $DS = 50 MPH$   
 $DS = 50 MPH$   $SE = 0.08$



28 x 14 x 3  
1.5 inch Skimmer  
with 0.375 inch  
Orifice Diameter  
4 ft. weir  
ID 30.1

20 x 10 x 3  
1.5 inch Skimmer  
with 0.25 inch  
Orifice Diameter  
4 ft. weir  
ID 30.2

28 x 14 x 3  
1.5 inch Skimmer  
with 0.375 inch  
Orifice Diameter  
4 ft. weir  
ID 30.3

30 x 10 x 3  
ID 30.5

36 x 12 x 3  
ID 30.6

28 x 14 x 3  
1.5 inch Skimmer  
with 0.625 inch  
Orifice Diameter  
4 ft. weir  
(See Tiered Skimmer  
Basin Detail)  
ID 30.4

Modified Silt Basin  
Type 'B'  
28 x 14 x 3  
4 ft. weir  
(See Tiered Skimmer  
Basin Detail)  
ID 30.4

CLEARING AND GRUBBING  
EROSION CONTROL FOR  
CONSTRUCTION SHEET 30

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.

MINIMIZE CLEARING  
AND GRUBBING  
 SAFETY FENCE

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.