

-L- CURVE DATA
 PI Sta 300+23.36
 $\Delta = 31' 41" 09.8"$ (LT)
 $D = 5' 43' 46.5"$
 $L = 553.03'$
 $T = 283.78'$
 $R = 1,000.00'$
 $SE = 0.08$
 $DS = 55$ MPH

PI Sta 24+49.98
 $\Delta = 62' 22' 39.1"$ (RT)
 $D = 60' 18' 40.8"$
 $L = 103.43'$
 $T = 57.51'$
 $R = 95.00'$
 ① -Y4- PC 23+92.47
 ② -Y4- PT 24+95.90

PI Sta 26+47.22
 $\Delta = 33' 21' 29.8"$ (LT)
 $D = 19' 05' 54.9"$
 $L = 175.19'$
 $T = 90.11'$
 $R = 300.00'$
 ③ -Y4- PC 25+57.05
 ④ -Y4- PCC 27+32.23
 ⑤ -Y4- PT 28+49.59

-Y4- CURVE DATA
 PI Sta 27+92.98
 $\Delta = 36' 32' 32.0"$ (LT)
 $D = 31' 08' 20.4"$
 $L = 117.35'$
 $T = 60.75'$
 $R = 184.00'$
 ⑥ -Y4- PC 28+91.56
 ⑦ -Y4- PCC 30+22.14
 ⑧ -Y4- PT 31+57.25

PI Sta 29+58.22
 $\Delta = 28' 20' 20.0"$ (RT)
 $D = 21' 42' 10.6"$
 $L = 130.58'$
 $T = 66.65'$
 $R = 264.00'$
 ⑨ -Y4- PC 32+74.14
 ⑩ -Y4- PT 33+78.07

PI Sta 30+89.80
 $\Delta = 7' 44' 28.4"$ (RT)
 $D = 5' 43' 46.5"$
 $L = 135.11'$
 $T = 67.66'$
 $R = 100.00'$
 ⑪ -Y4- PC 34+31.98
 ⑫ -Y4- PT 35+19.68

PI Sta 33+31.35
 $\Delta = 59' 32' 46.6"$ (LT)
 $D = 57' 17' 44.8"$
 $L = 103.93'$
 $T = 57.21'$
 $R = 100.00'$
 ⑬ -Y4- PC 35+71.98
 ⑭ -Y4- PCC 36+82.19
 ⑮ -Y4- PT 37+30.68

PI Sta 34+83.66
 $\Delta = 76' 08' 00.0"$ (RT)
 $D = 86' 48' 42.4"$
 $L = 87.70'$
 $T = 51.69'$
 $R = 66.00'$
 ⑯ -Y4- PC 37+93.48
 ⑰ -Y4- PT 39+55.79

PI Sta 36+39.74
 $\Delta = 84' 11' 34.2"$ (LT)
 $D = 76' 23' 39.7"$
 $L = 110.21'$
 $T = 67.76'$
 $R = 75.00'$
 ⑱ -Y4- PC 40+11.27
 ⑲ -Y4- PT 41+11.27

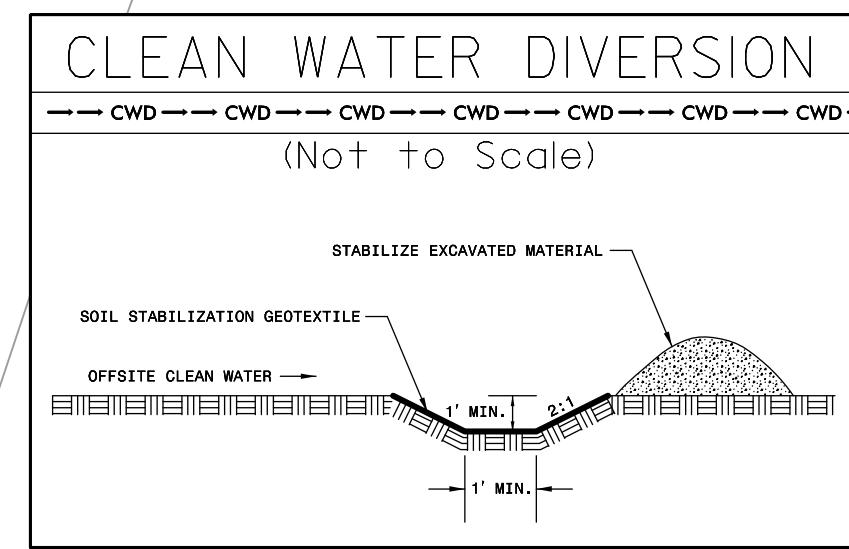
PI Sta 37+06.50
 $\Delta = 10' 12' 57.1"$ (LT)
 $D = 21' 03' 52.6"$
 $L = 48.50'$
 $T = 24.31'$
 $R = 272.00'$
 ⑳ -Y4- PC 40+76.38
 ㉑ -Y4- PT 41+11.27

PI Sta 39+22.11
 $\Delta = 116' 14' 31.4"$ (RT)
 $D = 71' 37' 11.0"$
 $L = 162.30'$
 $T = 162.63'$
 $R = 80.00'$
 ㉒ -Y4- PC 40+76.38
 ㉓ -Y4- PT 41+11.27

PI Sta 40+76.38
 $\Delta = 78' 16' 33.1"$ (LT)
 $D = 71' 37' 11.0"$
 $L = 109.29'$
 $T = 65.10'$
 $R = 80.00'$
 ㉔ -Y4- PC 40+76.38
 ㉕ -Y4- PT 41+11.27

PROJECT REFERENCE NO. A-0009CB	SHEET NO. EC-25/CONST.26
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

TGS ENGINEERS
 201 W. MARION ST. STE 200
 SHELBY, NC 28150
 PH (704) 476-0003
 CORP. LICENSE NO.: C-0275

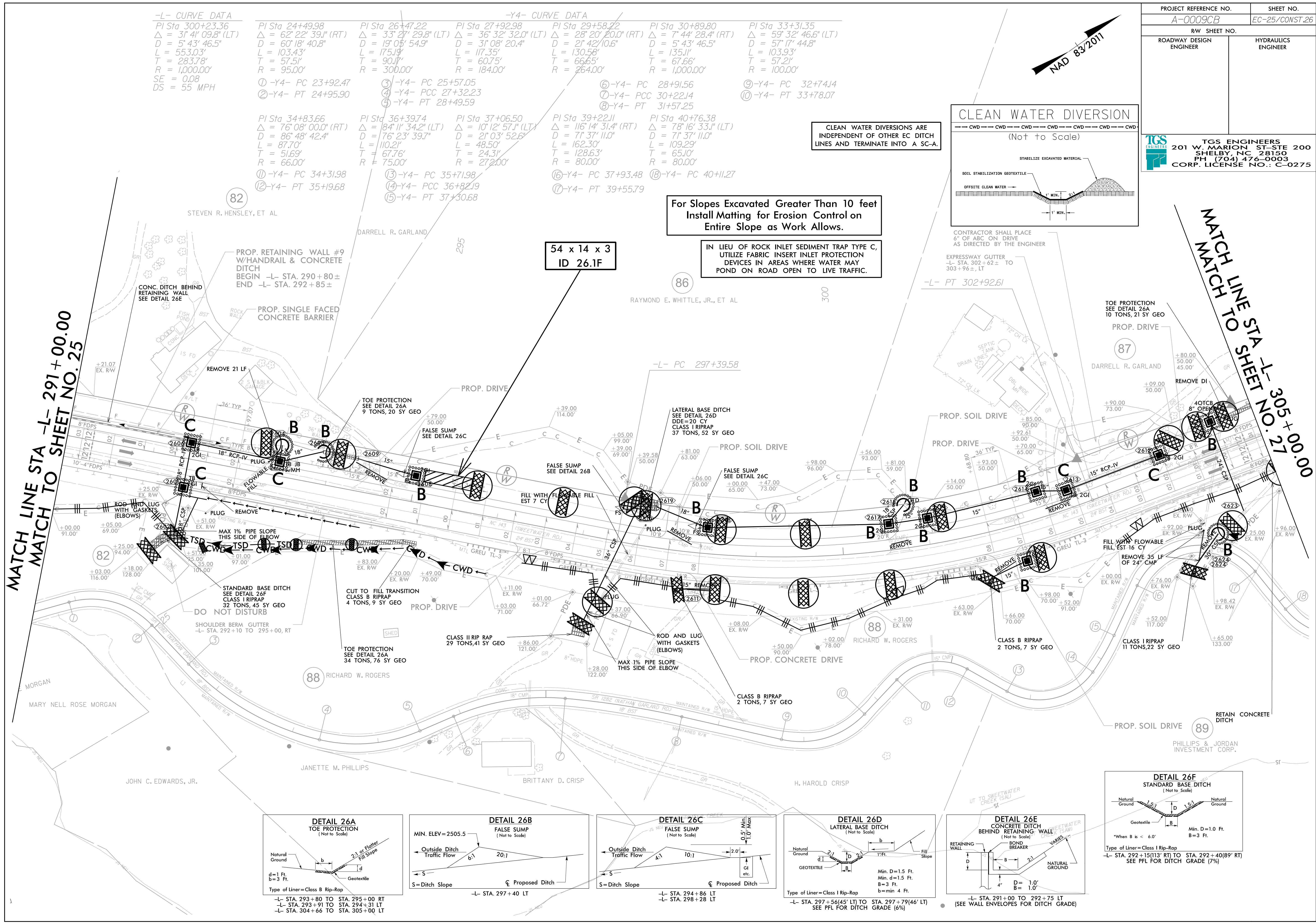


CLEAN WATER DIVERSIONS ARE INDEPENDENT OF OTHER EC DITCH LINES AND TERMINATE INTO A SC-A.

For Slopes Excavated Greater Than 10 feet Install Matting for Erosion Control on Entire Slope as Work Allows.

IN LIEU OF ROCK INLET SEDIMENT TRAP TYPE C, UTILIZE FABRIC INSERT INLET PROTECTION DEVICES IN AREAS WHERE WATER MAY POND ON ROAD OPEN TO LIVE TRAFFIC.

54 x 14 x 3 ID 26.1F



MATCH LINE STA -L- 291+00.00
 MATCH TO SHEET NO. 25

MATCH LINE TO SHEET NO. 27
 STA 305+00.00

