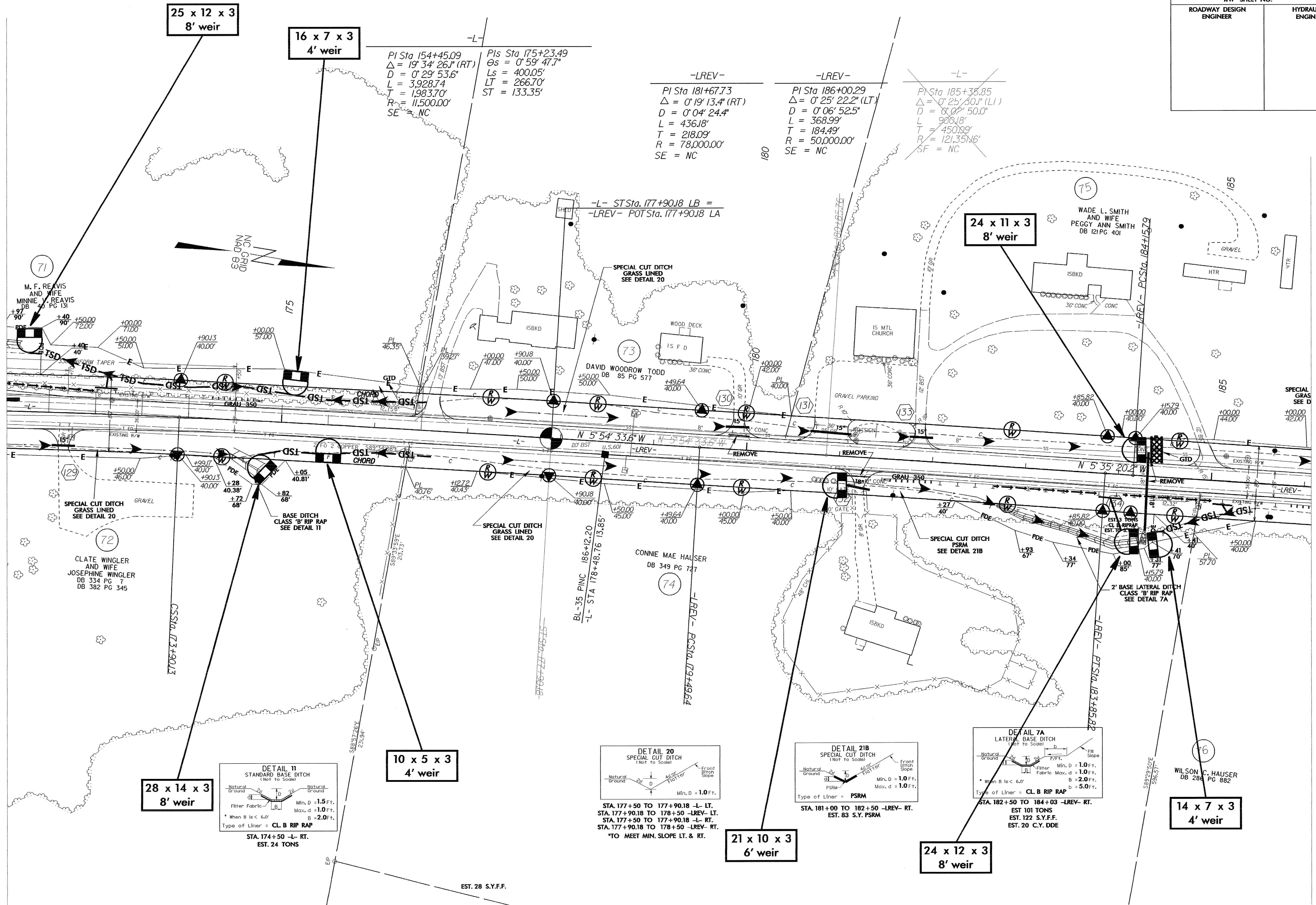


PROJECT REFERENCE NO.	SHEET NO.
R-3427	EC-38/CONST16
R/W SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	

7/12/99

MATCHLINE ** SEE SHEET 15 **

MATCHLINE ** SEE SHEET 17 **



PI Sta 154+45.09
 $\Delta = 19^\circ 34' 26.1''$ (RT)
 $D = 0' 29' 53.6''$
 $L = 3,928.74'$
 $T = 1,983.70'$
 $R = 11,500.00'$
 SE = NC

PIs Sta 175+23.49
 $\Theta_s = 0' 59' 47.7''$
 $L_s = 400.05'$
 $LT = 266.70'$
 $ST = 133.35'$

-LREV-
 PI Sta 181+67.73
 $\Delta = 0' 19' 13.4''$ (RT)
 $D = 0' 04' 24.4''$
 $L = 436.18'$
 $T = 218.09'$
 $R = 78,000.00'$
 SE = NC

-LREV-
 PI Sta 186+00.29
 $\Delta = 0' 25' 22.2''$ (LT)
 $D = 0' 06' 52.5''$
 $L = 368.99'$
 $T = 184.49'$
 $R = 50,000.00'$
 SE = NC

-L-
 PI Sta 185+35.85
 $\Delta = 0' 25' 30.1''$ (LI)
 $D = 0' 07' 50.0''$
 $L = 908.18'$
 $T = 450.89'$
 $R = 121,351.6'$
 SF = NC

DETAIL 11
 STANDARD BASE DITCH
 (Not to Scale)

Filter Fabric
 Min. D = 1.5 Ft.
 Max. d = 1.0 Ft.
 B = 2.0 Ft.
 * When B is < 6.0'
 Type of Liner = CL B RIP RAP
 STA. 174+50 -L- RT.
 EST. 24 TONS

DETAIL 20
 SPECIAL CUT DITCH
 (Not to Scale)

Min. D = 1.0 Ft.
 STA. 177+50 TO 177+90.18 -L- LT.
 STA. 177+90.18 TO 178+50 -LREV- LT.
 STA. 177+50 TO 177+90.18 -L- RT.
 STA. 177+90.18 TO 178+50 -LREV- RT.
 *TO MEET MIN. SLOPE LT. & RT.

DETAIL 21B
 SPECIAL CUT DITCH
 (Not to Scale)

Min. D = 1.0 Ft.
 Max. d = 1.0 Ft.
 Type of Liner = PSRM
 STA. 181+00 TO 182+50 -LREV- RT.
 EST. 83 S.Y. PSRM

DETAIL 7A
 LATERAL BASE DITCH
 (Not to Scale)

Min. D = 1.0 Ft.
 Filter Fabric Max. d = 1.0 Ft.
 B = 2.0 Ft.
 b = 5.0 Ft.
 * When B is < 6.0'
 Type of Liner = CL B RIP RAP
 STA. 182+50 TO 184+03 -LREV- RT.
 EST. 101 TONS
 EST. 122 S.Y.F.F.
 EST. 20 C.Y. DDE

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 bbackburn

EST. 28 S.Y.F.F.