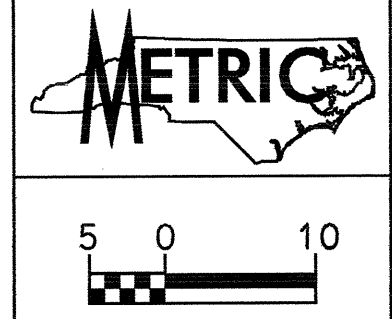


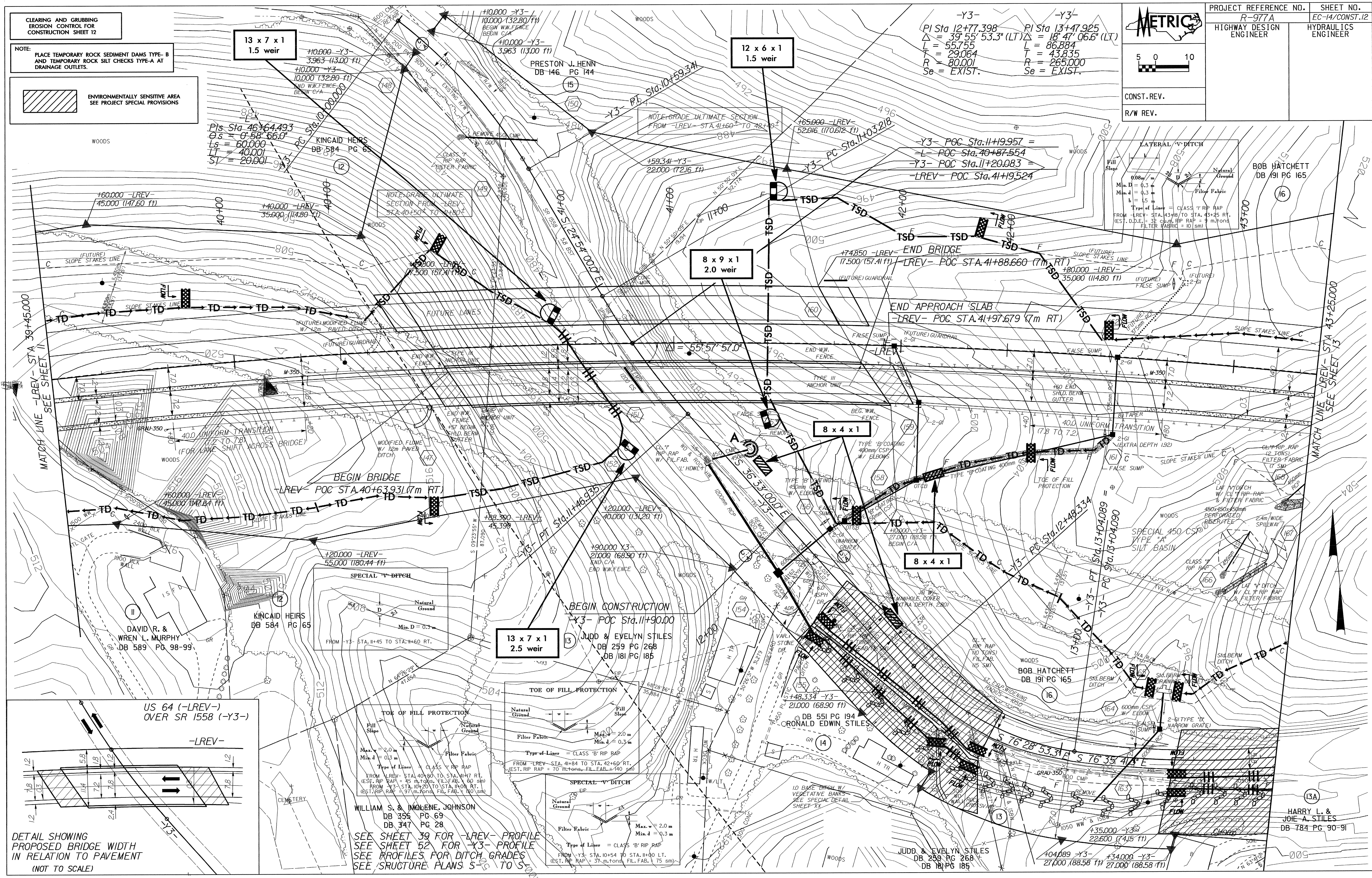
CLEARING AND GRUBBING  
EROSION CONTROL FOR  
CONSTRUCTION SHEET 12

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



PROJECT REFERENCE NO.	SHEET NO.
R-977A	EC-14/CONST.12
HIGHWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

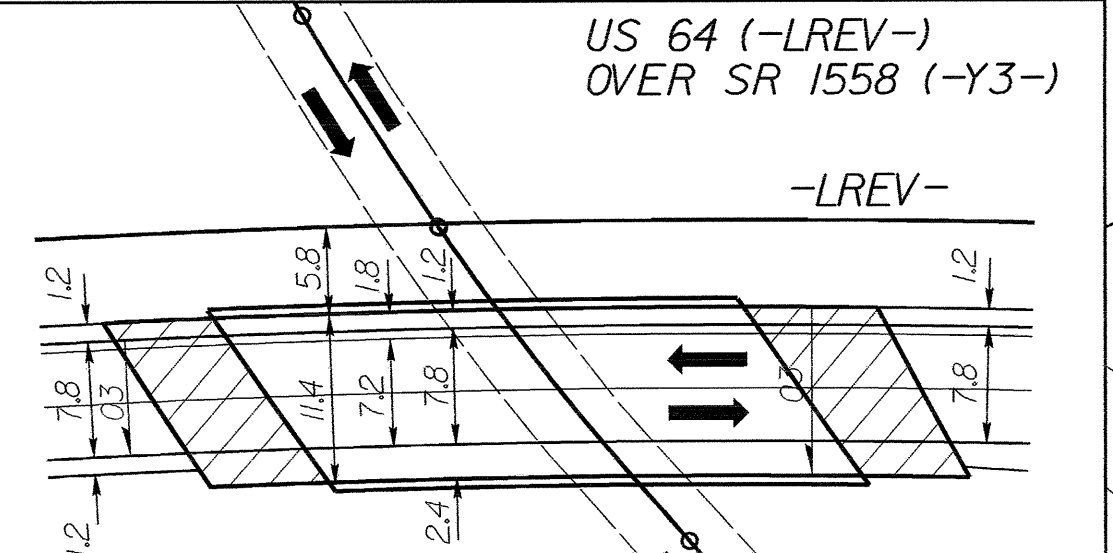


PIs Sta 46+64.493  
Os = 0.58' 56.0"  
Ls = 60.000  
T = 40.001  
ST = 29.001

-Y3-  
PI Sta 12+77.398  
Δ = 39° 55' 53.3" (LT)  
L = 55.755  
T = 29.064  
R = 80.001  
Se = EXIST.

-Y3-  
PI Sta 13+47.925  
Δ = 18° 47' 06.6" (LT)  
L = 86.884  
T = 43.835  
R = 265.000  
Se = EXIST.

LATERAL DITCH  
Fill Slope  
Min. D = 0.3 m  
Min. d = 0.3 m  
b = 1.5 m  
Type of Liner = CLASS 'B' RIP RAP  
FROM -LREV- STA. 43+18 TO STA. 43+25 RT.  
(EST. D.D.E. = 32 cu. m. RIP RAP = 9 m. Tons  
FILTER FABRIC = 10 sm)



TOE OF HILL PROTECTION  
Natural Ground  
Filter Fabric  
Max. w = 2.0 m  
Min. d = 0.3 m  
Type of Liner = CLASS 'B' RIP RAP  
FROM -LREV- STA. 41+84 TO STA. 42+60 RT.  
(EST. RIP RAP = 45 m. Tons. FIL. FAB. = 140 sm)

TOE OF HILL PROTECTION  
Natural Ground  
Filter Fabric  
Max. w = 2.0 m  
Min. d = 0.3 m  
Type of Liner = CLASS 'B' RIP RAP  
FROM -LREV- STA. 41+84 TO STA. 42+60 RT.  
(EST. RIP RAP = 70 m. Tons. FIL. FAB. = 140 sm)

WILLIAM S. & MOLENE, JOHNSON  
DB 355 PG 69  
DB 347 PG 28  
SEE SHEET 39 FOR -LREV- PROFILE  
SEE SHEET 52 FOR -Y3- PROFILE  
SEE PROFILES FOR DITCH GRADES  
SEE STRUCTURE PLANS S-1 TO S-10

SPECIAL 'V' DITCH  
Natural Ground  
Filter Fabric  
Max. w = 2.0 m  
Min. d = 0.3 m  
Type of Liner = CLASS 'B' RIP RAP  
FROM -Y3- STA. 10+54 TO STA. 11+00 LT.  
(EST. RIP RAP = 37 m. Tons. FIL. FAB. = 75 sm)

HARRY L. & JOIE A. STILES  
DB 784 PG 90-91