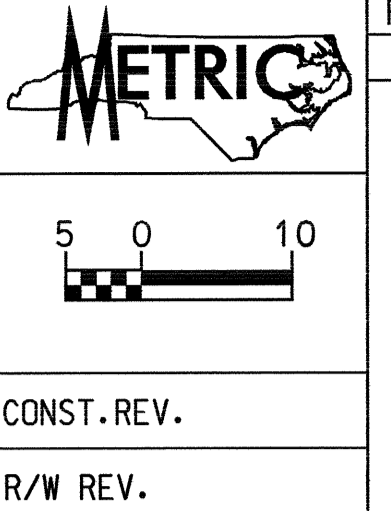
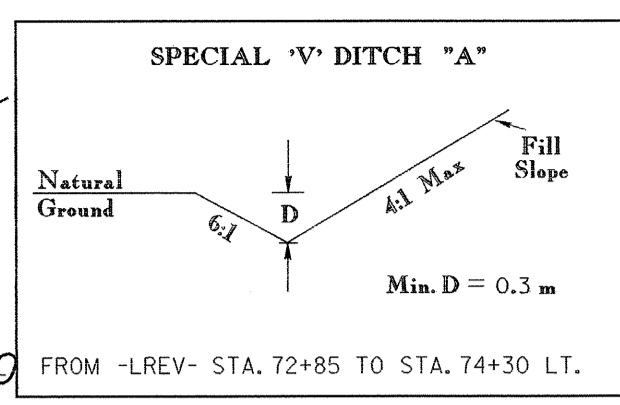
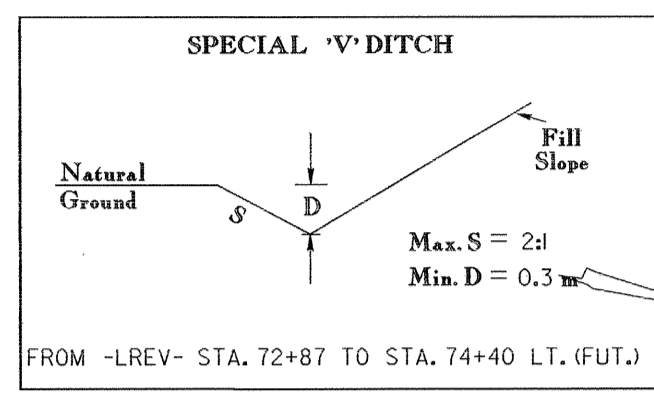
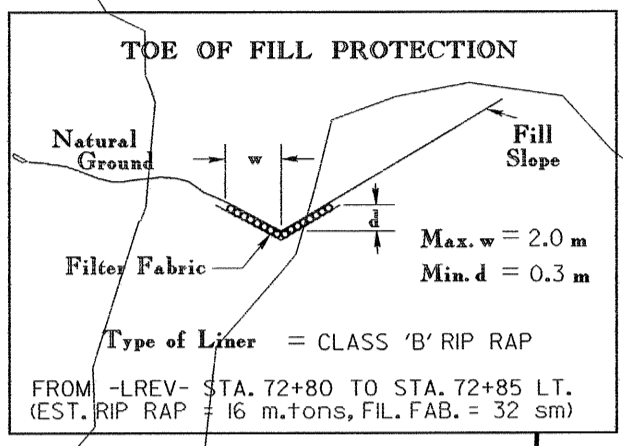


CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 21

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

NOTE: GRADE ULTIMATE SECTION
FROM -LREV- STA.63+85± TO 65+35±



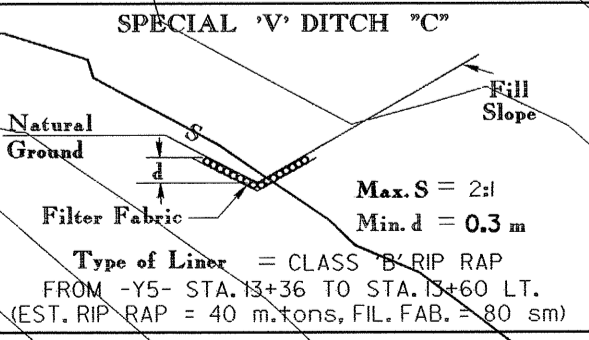
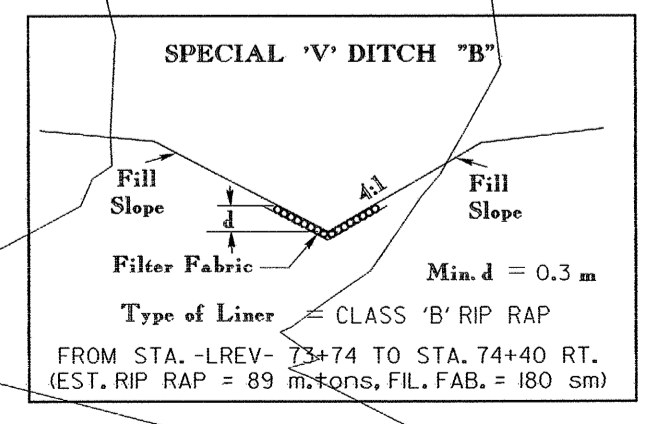
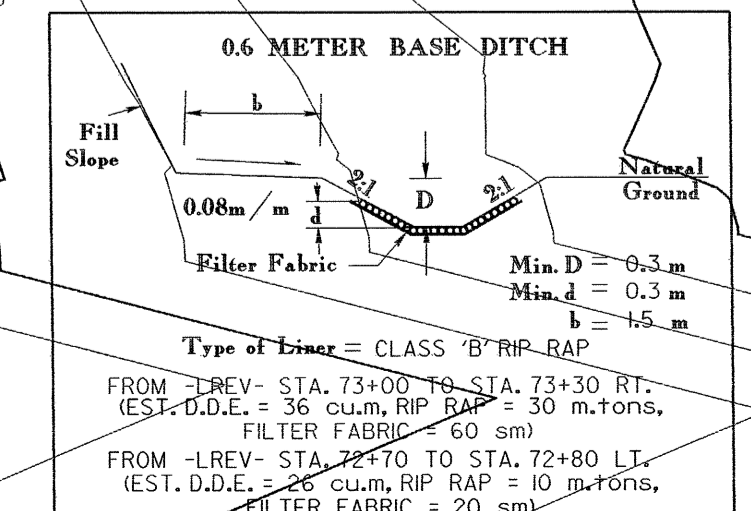
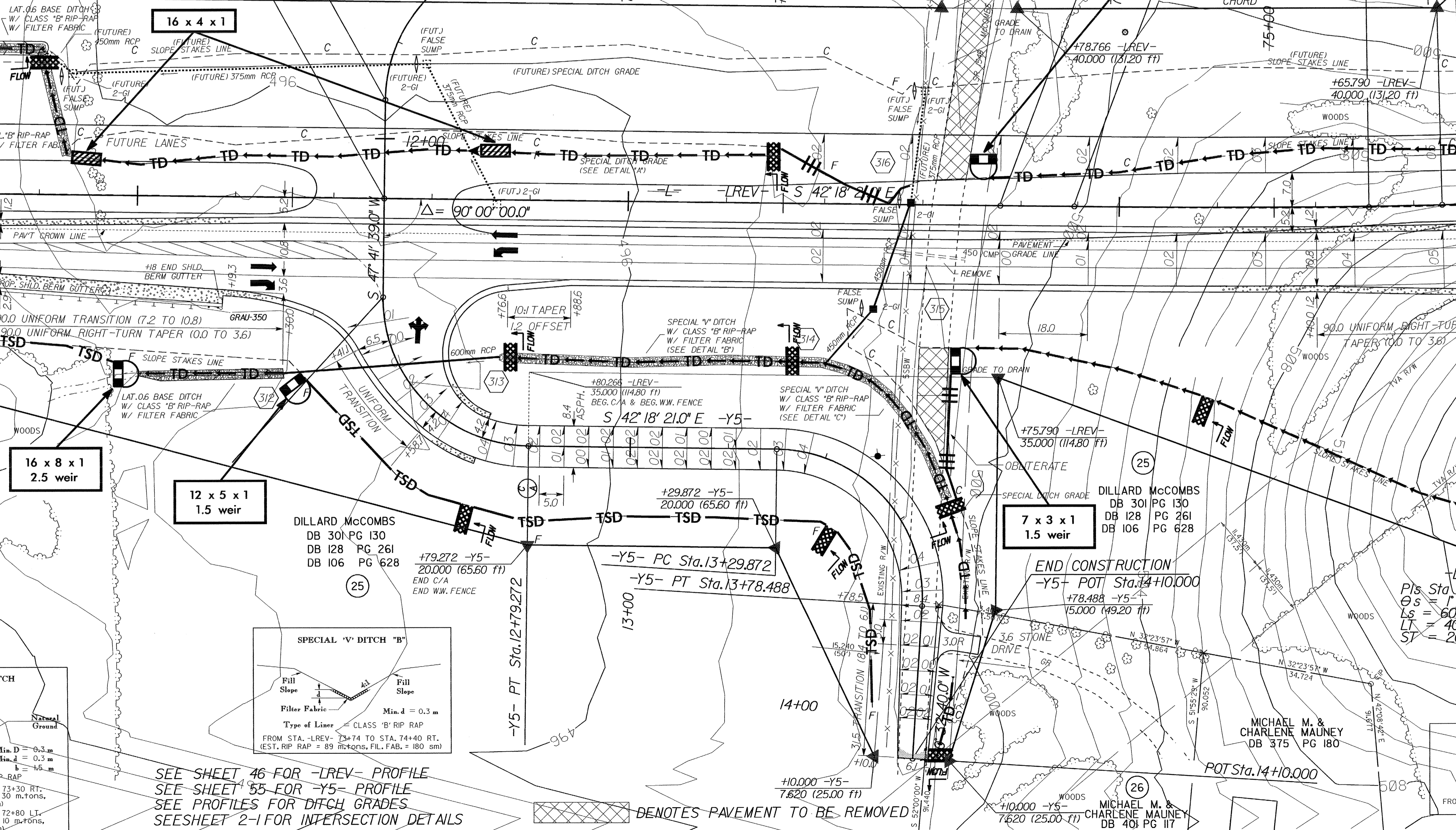
PROJECT REFERENCE NO. R-977A HIGHWAY DESIGN ENGINEER	SHEET NO. EC-23/CONST. 21 HYDRAULICS ENGINEER
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CONST. REV.
R/W REV.

-Y5- PI Sta 13+61.403 Δ = 92° 51' 01.0" (RT) L = 48.616 T = 31.531 R = 30.000 Se = 0.04 Ro = 20.000 DS = 30 km/h	-Y5- PI Sta 12+62.149 Δ = 90° 00' 00.0" (LT) L = 47.124 T = 30.000 R = 30.000 Se = 0.04 Ro = AS SHOWN DS = 30 km/h
-Y5- PI Sta 11+75.025 Δ = 90° 00' 00.0" (LT) L = 47.124 T = 30.000 R = 30.000	-Y5- PI Sta 10+60.296 Δ = 84° 19' 32.0" (RT) L = 44.153 T = 27.167 R = 30.000
-LREV- PIs Sta 75+35.795 Δs = 2° 12' 47.3" Ls = 90.000 LT = 60.005 ST = 30.004	-LREV- PI Sta 81+02.675 Δ = 49° 29' 05.4" (LT) L = 1,006.179 T = 536.885 R = 1,165.000 Se = 0.05 DS = 105 km/h
-L- PIs Sta 86+01.973 Δs = 2° 12' 47.3" Ls = 90.000 LT = 60.005 ST = 30.004	-L- PIs Sta 85+75.496 Δ = 1° 28' 31.5" (LT) L = 1,036.179 T = 555.181 R = 1,165.000 Se = 0.05 DS = 105 km/h

SEE SHEET 20
MATCH LINE -LREV- STA 72+70.000

MATCH LINE -LREV- STA 75+70.000
SEE SHEET 24



SEE SHEET 46 FOR -LREV- PROFILE
SEE SHEET 55 FOR -Y5- PROFILE
SEE PROFILES FOR DITCH GRADES
SEE SHEET 2-1 FOR INTERSECTION DETAILS

HATCHED PATTERN DENOTES PAVEMENT TO BE REMOVED