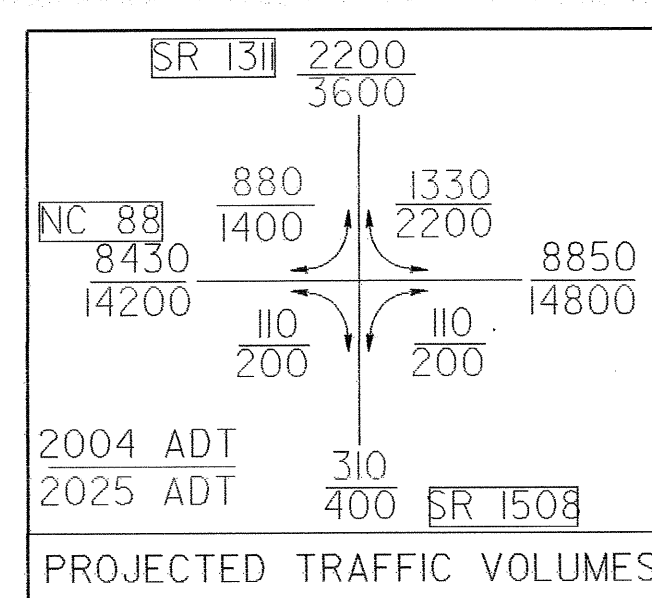
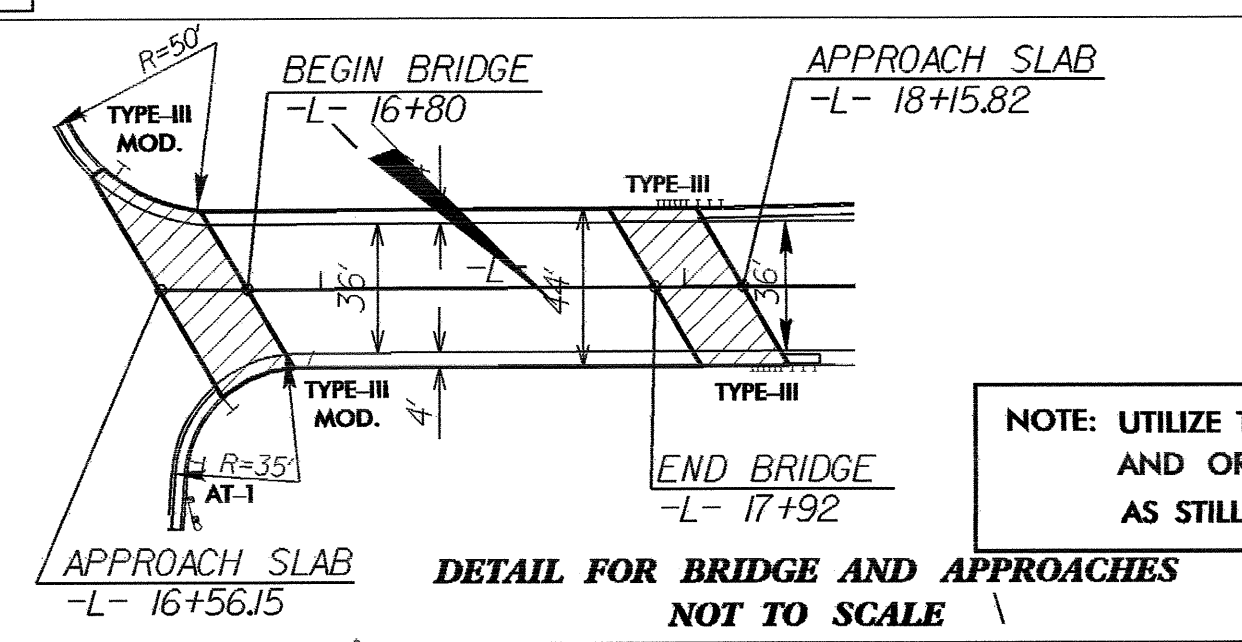
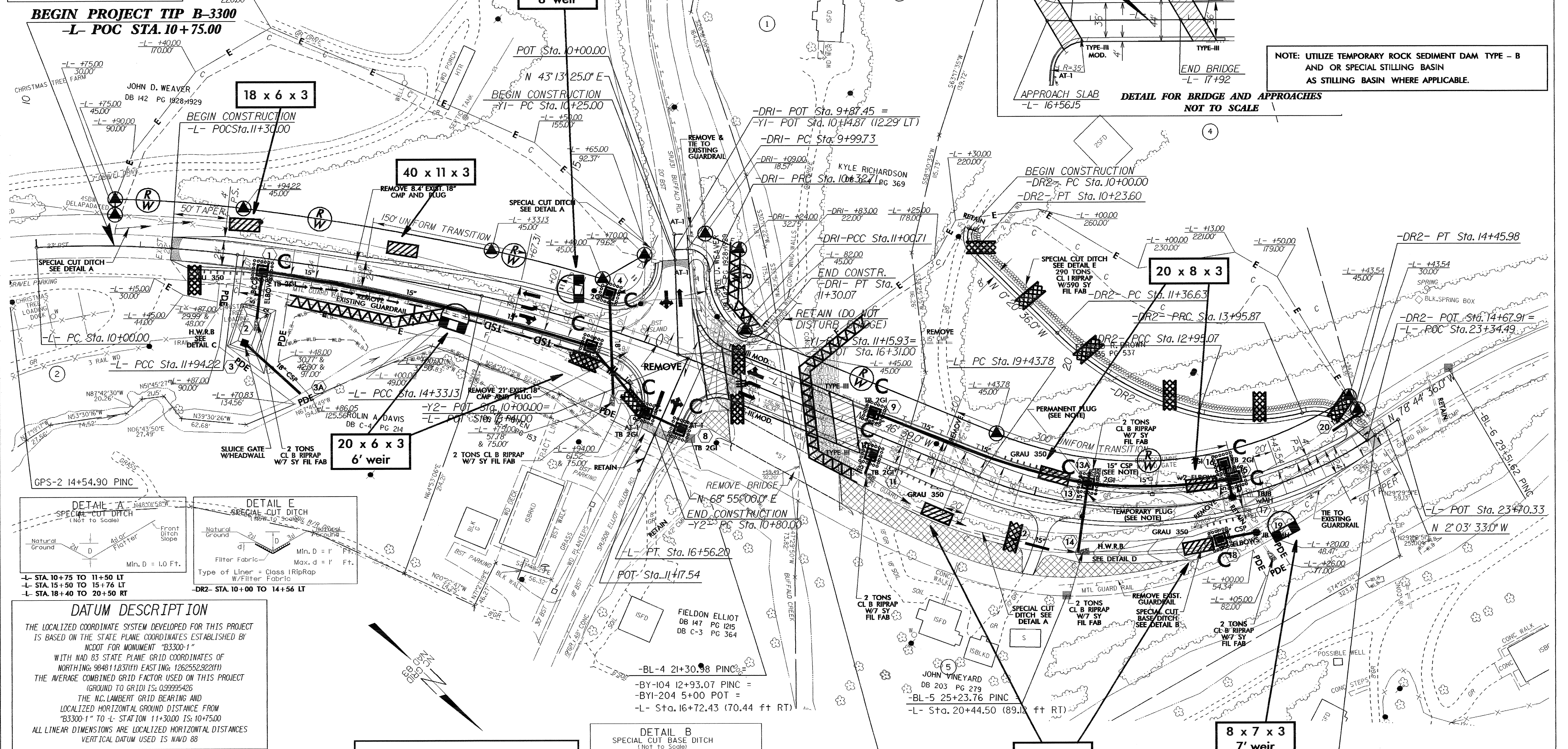


PROJECT REFERENCE NO.	SHEET NO.
B-3300	EC-4/CONST.4
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

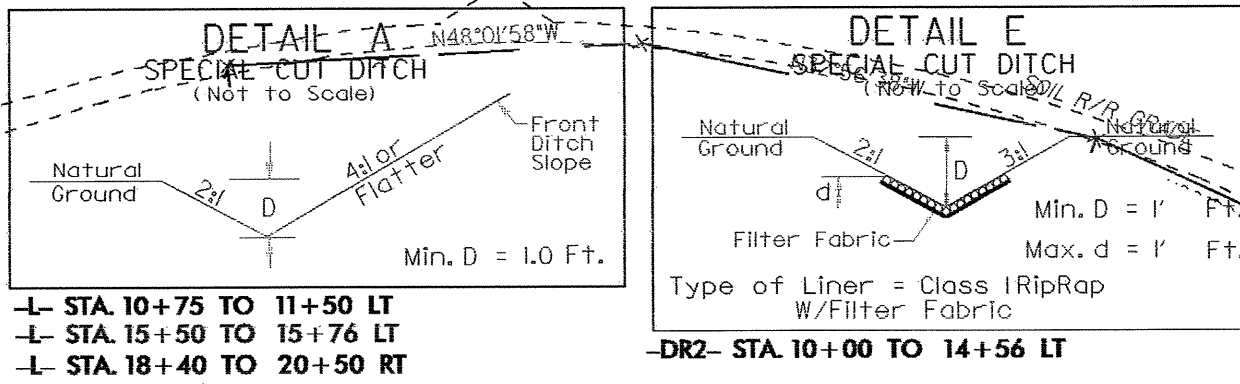


PI Sta 10+97.36 $\Delta = 10^\circ 11' 46.7''$ (RT) $D = 5^\circ 15' 00.0''$ $L = 194.22'$ $T = 97.36'$ $R = 1,091.35'$ SE = match exst.	PI Sta 13+13.74 $\Delta = 4^\circ 46' 42.0''$ (RT) $D = 2^\circ 00' 00.0''$ $L = 238.92'$ $T = 119.53'$ $R = 2,864.79'$ SE = 0.04 ft/ft	PI Sta 15+44.95 $\Delta = 10^\circ 02' 17.3''$ (RT) $D = 4^\circ 30' 00.0''$ $L = 223.07'$ $T = 111.82'$ $R = 1,273.24'$ SE = 0.04 ft/ft	PI Sta 21+61.23 $\Delta = 55^\circ 57' 57.0''$ (LT) $D = 14^\circ 00' 00.0''$ (36mph) $L = 399.76'$ $T = 217.45'$ $R = 409.26'$ SE = 0.06 ft/ft	PI Sta 10+33.91 $\Delta = 94^\circ 28' 18.4''$ (RT) $D = 286^\circ 28' 44.0''$ $L = 32.98'$ $T = 21.63'$ $R = 20.00'$	PI Sta 10+81.95 $\Delta = 53^\circ 22' 07.2''$ (LT) $D = 78^\circ 29' 14.5''$ $L = 68.00'$ $T = 36.69'$ $R = 73.00'$	PI Sta 11+31.30 $\Delta = 84^\circ 06' 34.0''$ (LT) $D = 286^\circ 28' 44.0''$ $L = 29.36'$ $T = 18.04'$ $R = 20.00'$
--	---	--	---	--	---	--

NOTE: TEMPORARILY PLUG PROPOSED OUTFLOW PIPE INSIDE STRUCTURE 13 AND PLACE TEMPORARY PIPE 13A WHILE HAZARDOUS WASTE RETENTION BASIN IS BEING BUILT. PLUG TEMPORARY PIPE AFTER COMPLETION OF H.W.R.B.

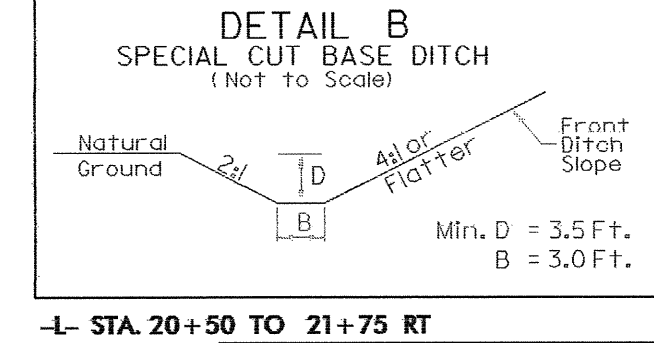
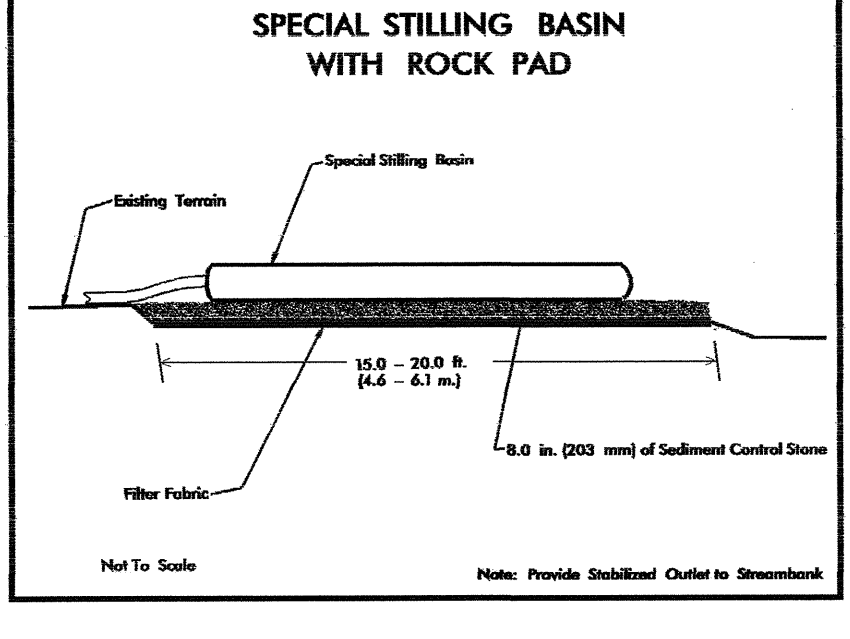
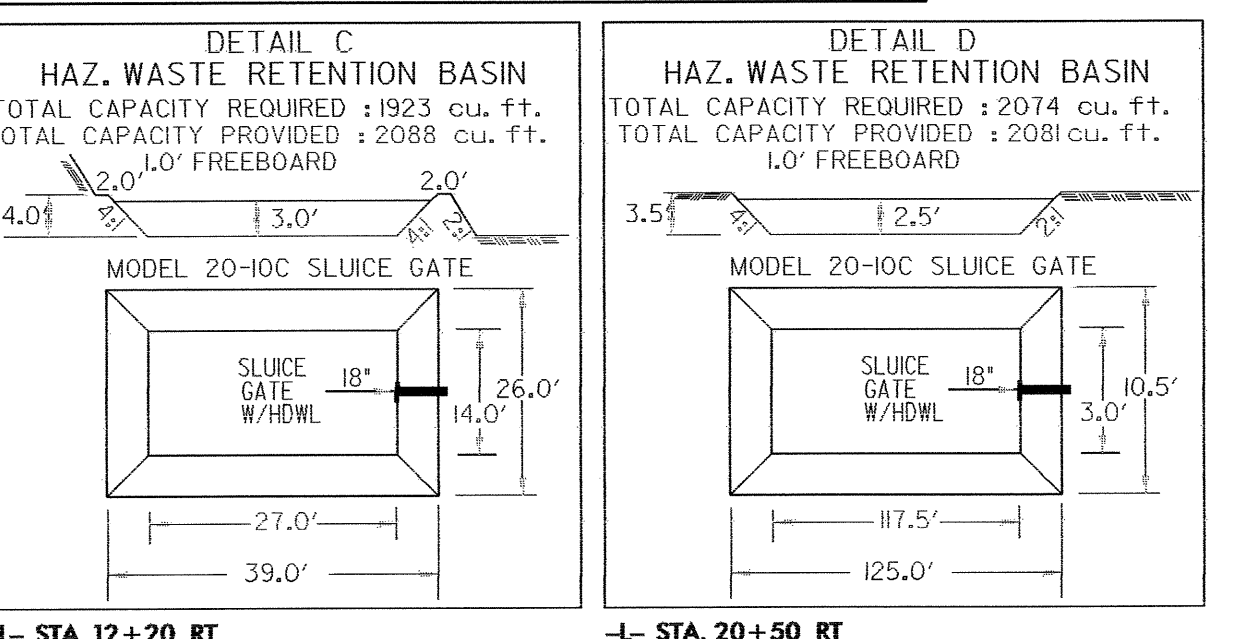


NOTE: UTILIZE TEMPORARY ROCK SEDIMENT DAM TYPE - B AND OR SPECIAL STILLING BASIN AS STILLING BASIN WHERE APPLICABLE.



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "B3300-1" WITH NAD 83 STATE PLANE GRID COORDINATES OF NORTHING: 984811.837(11) EASTING: 1262552.922(11) THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99995426 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B3300-1" TO L- STATION 11+30.00 IS: 10+75.00 ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD 88



BEGIN APPROACH SLAB -L- STA. 16+56.15
 BEGIN BRIDGE -L- STA. 16+80
 END BRIDGE -L- STA. 17+92
 END APPROACH SLAB -L- STA. 18+15.85

PI Sta 12+17.74 $\Delta = 30^\circ 15' 35.8''$ (LT) $D = 19^\circ 05' 54.9''$ $L = 158.44'$ $T = 81.1'$ $R = 300.00'$	PI Sta 13+46.56 $\Delta = 28^\circ 52' 38.7''$ (LT) $D = 28^\circ 38' 52.4''$ $L = 100.80'$ $T = 51.50'$ $R = 200.00'$	PI Sta 14+23.26 $\Delta = 57^\circ 25' 17.5''$ (RT) $D = 114^\circ 35' 29.6''$ $L = 50.11'$ $T = 27.39'$ $R = 50.00'$
--	---	--

NOTE:

- SEE SHEET 2-B FOR ROCK PLATING DETAIL
- SEE SHEET 2-H FOR INTERSECTION AND SHOULDER BERM GUTTER DETAIL
- SEE SHEET 3-B FOR SHOULDER BERM GUTTER SUMMARY
- SEE SHEET 5 FOR PROFILES