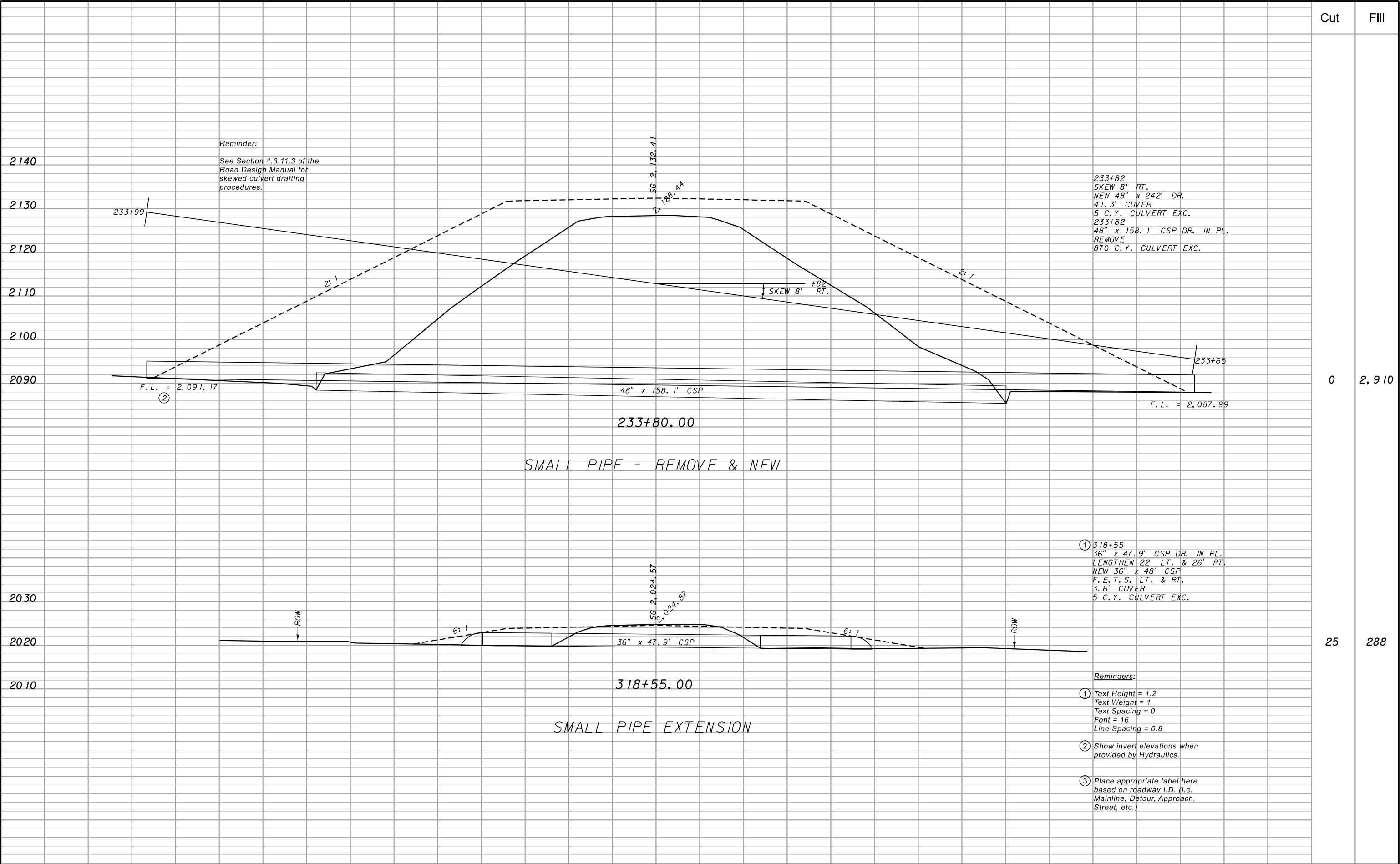
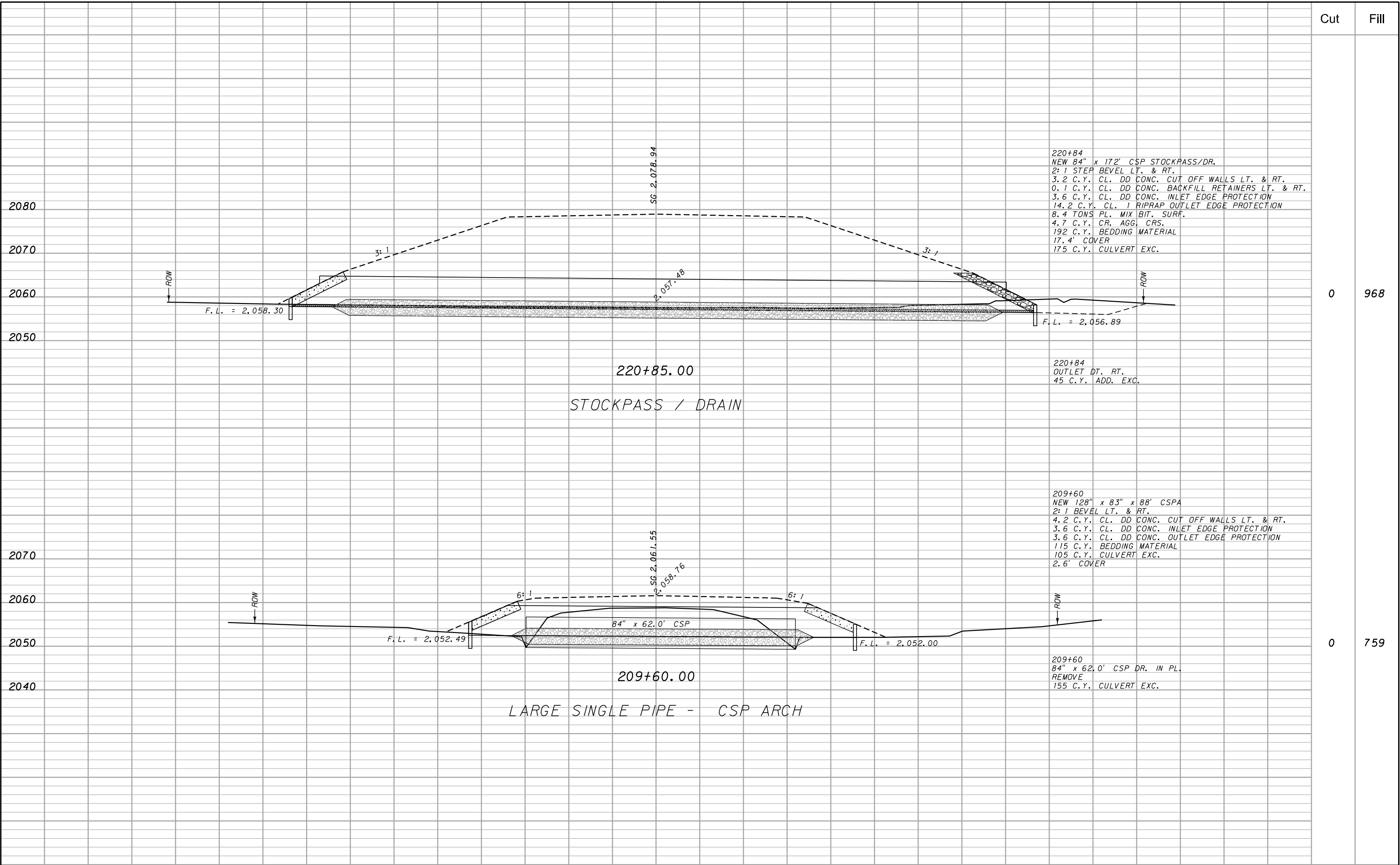




Cut Fill

0 2,910

25 288



Cut Fill

0 968

0 759

120

80

40

0

40

80

120

FIG. 4.4 S-3



MONTANA DEPARTMENT
OF TRANSPORTATION

c:\dgn\manrd\days01.dgn
6/19/2006
1:23:51 PM CPS - U3165

DESIGNED BY	DESIGNER NAME	DATE
REVIEWED BY	SUPERVISOR NAME	DATE
CHECKED BY	CHECKER NAME	DATE

MAINLINE CROSS SECTIONS

COUNTY NAME(S)

MONTANA ROAD DESIGN MANUAL
SAMPLE CROSS SECTIONS (U.S. Customary Units)

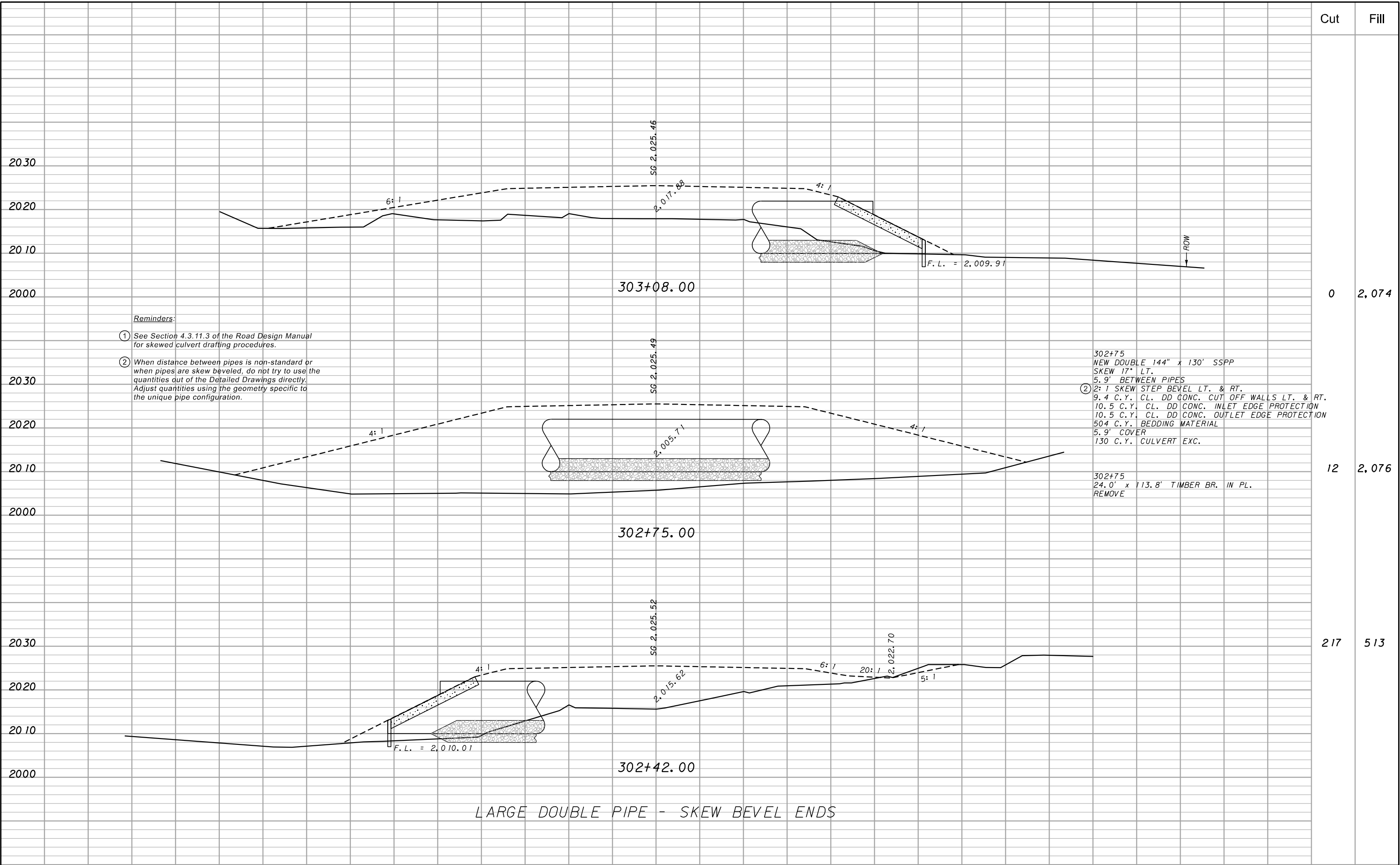
PROJECT LOCATION DESCRIPTION

CSF = 0.9999999

UPN NUMBER 12345678

PROJECT NO.

SHEET 999 OF 999

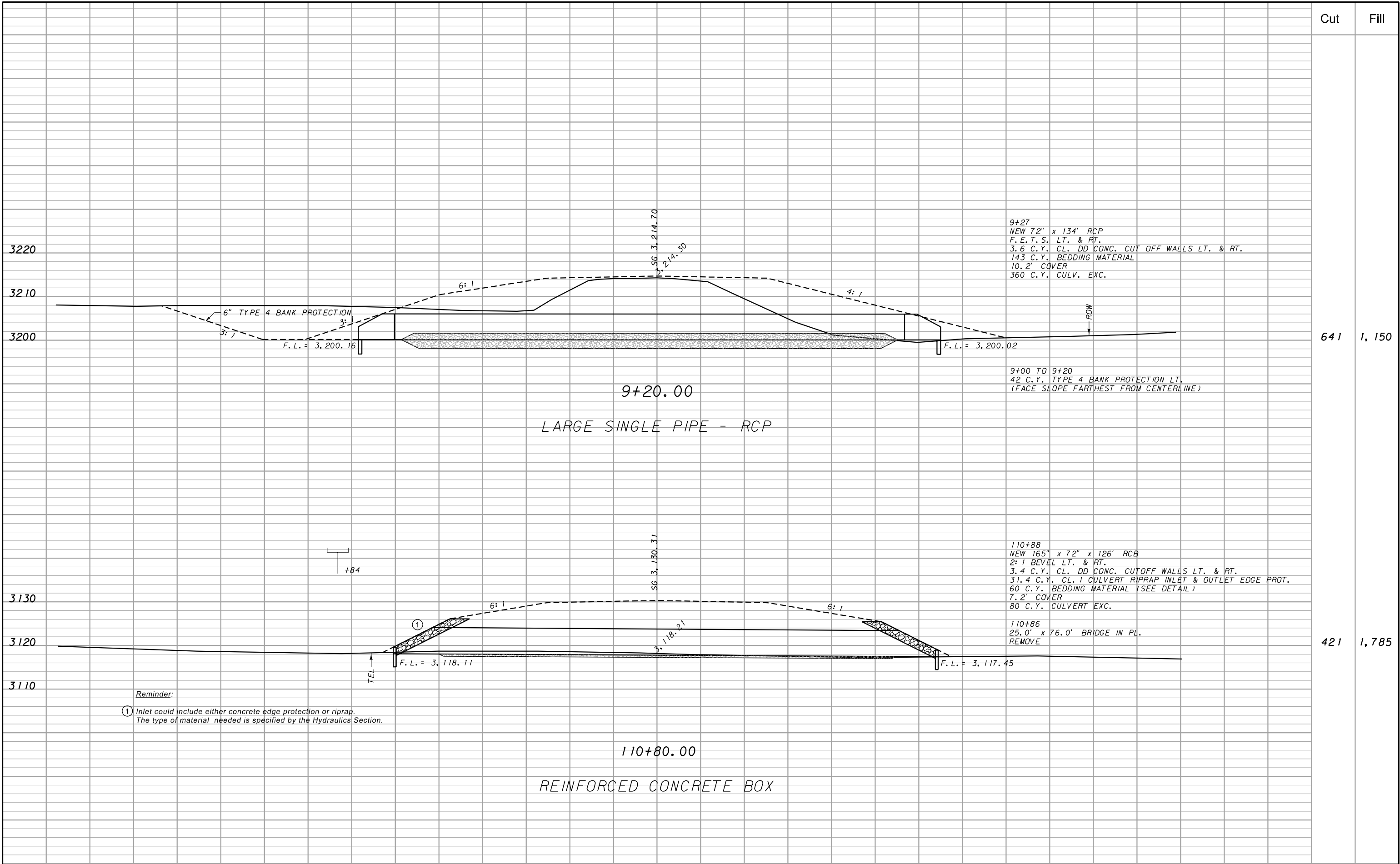


- Reminders:
- ① See Section 4.3.11.3 of the Road Design Manual for skewed culvert drafting procedures.
 - ② When distance between pipes is non-standard or when pipes are skew beveled, do not try to use the quantities out of the Detailed Drawings directly. Adjust quantities using the geometry specific to the unique pipe configuration.

302+75
NEW DOUBLE 144" x 130' SSPP
SKEW 17° LT.
5.9' BETWEEN PIPES
② 2:1 SKEW STEP BEVEL LT. & RT.
9.4 C.Y. CL. DD CONC. CUT OFF WALLS LT. & RT.
10.5 C.Y. CL. DD CONC. INLET EDGE PROTECTION
10.5 C.Y. CL. DD CONC. OUTLET EDGE PROTECTION
504 C.Y. BEDDING MATERIAL
5.9' COVER
130 C.Y. CULVERT EXC.

302+75
24.0' x 113.8' TIMBER BR. IN PL.
REMOVE

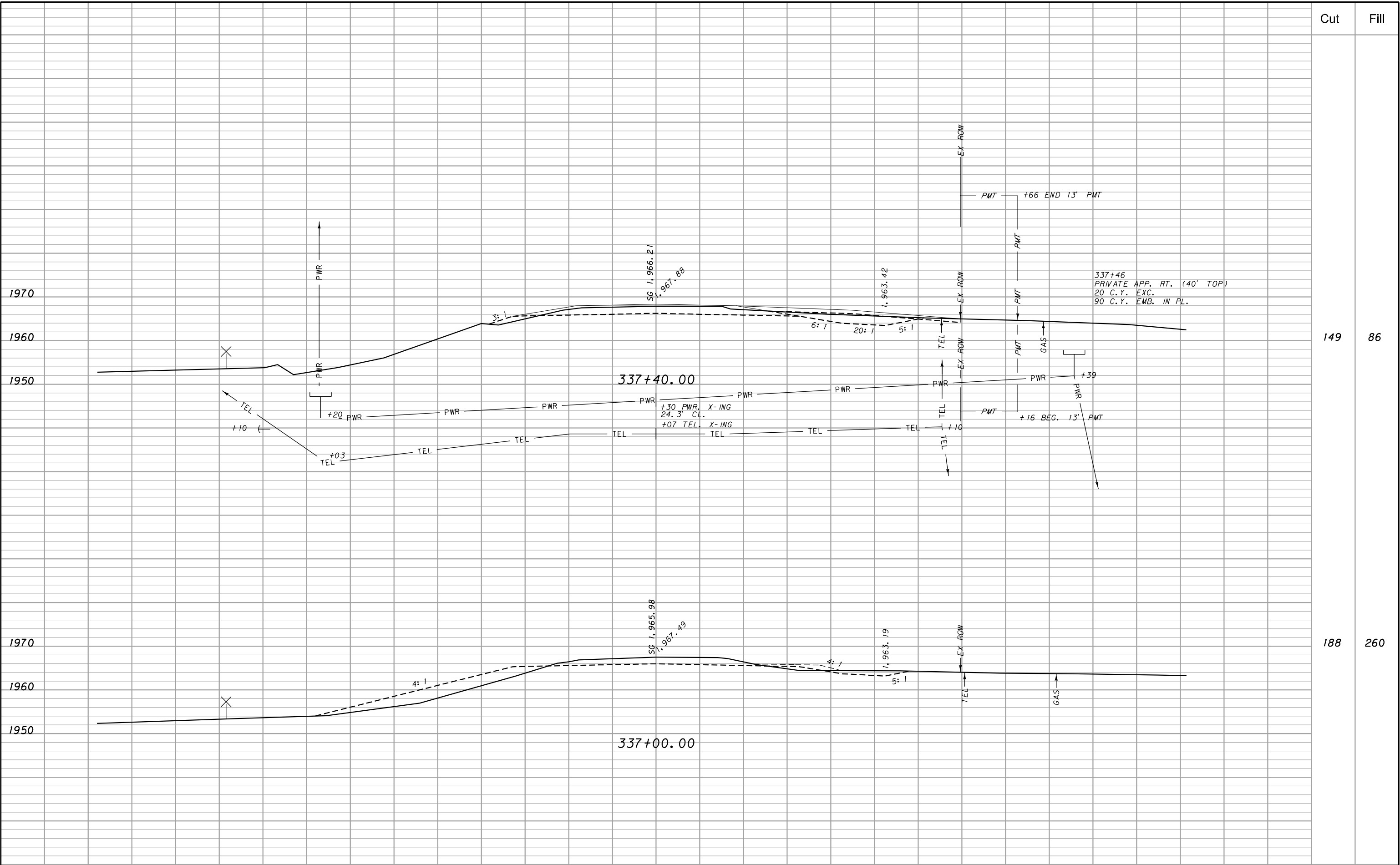
LARGE DOUBLE PIPE - SKEW BEVEL ENDS



Cut Fill

641 1,150

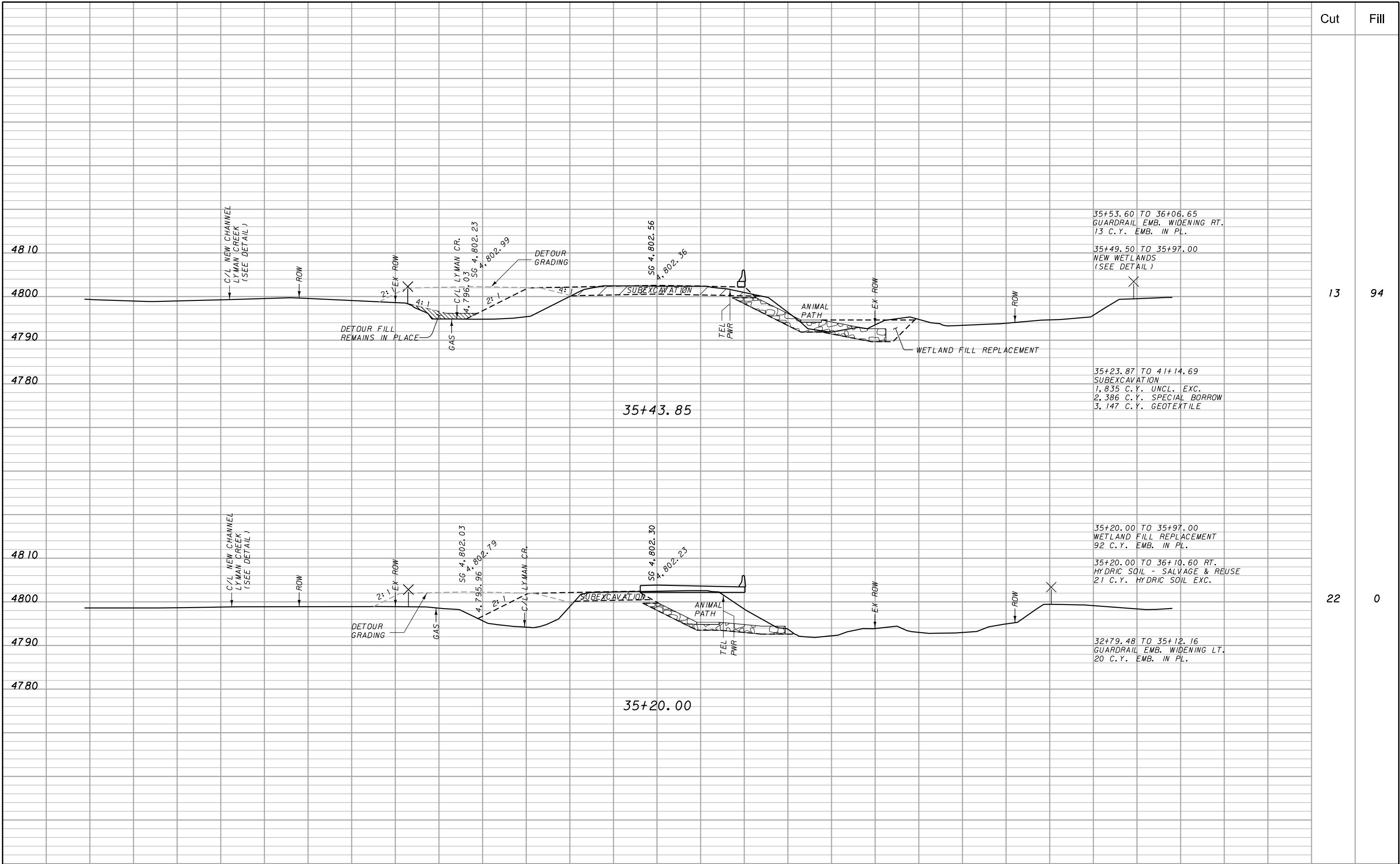
421 1,785



Cut Fill

149 86

188 260

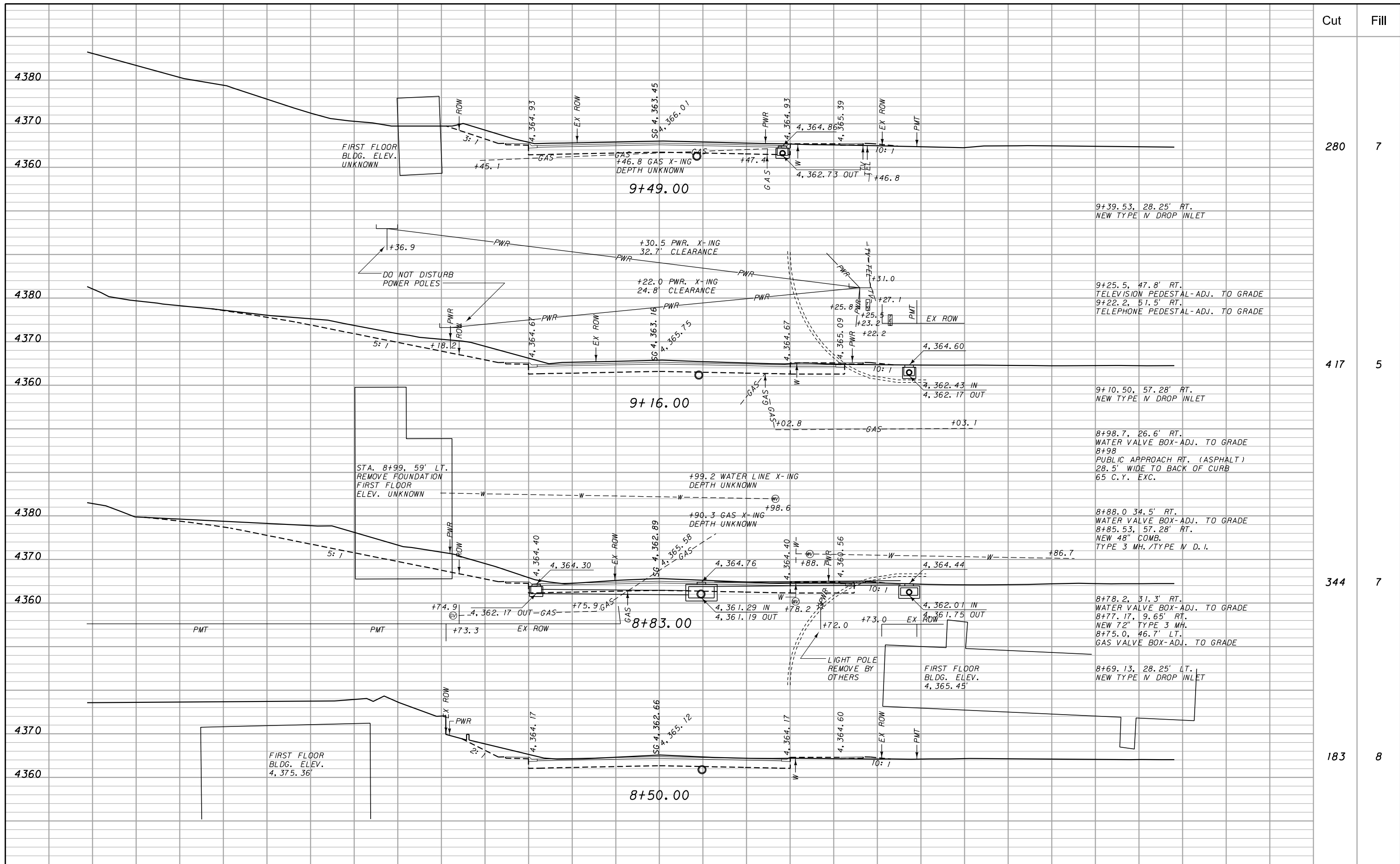


Cut Fill

13 94

22 0

FIG. 4.4 T-2



Cut Fill

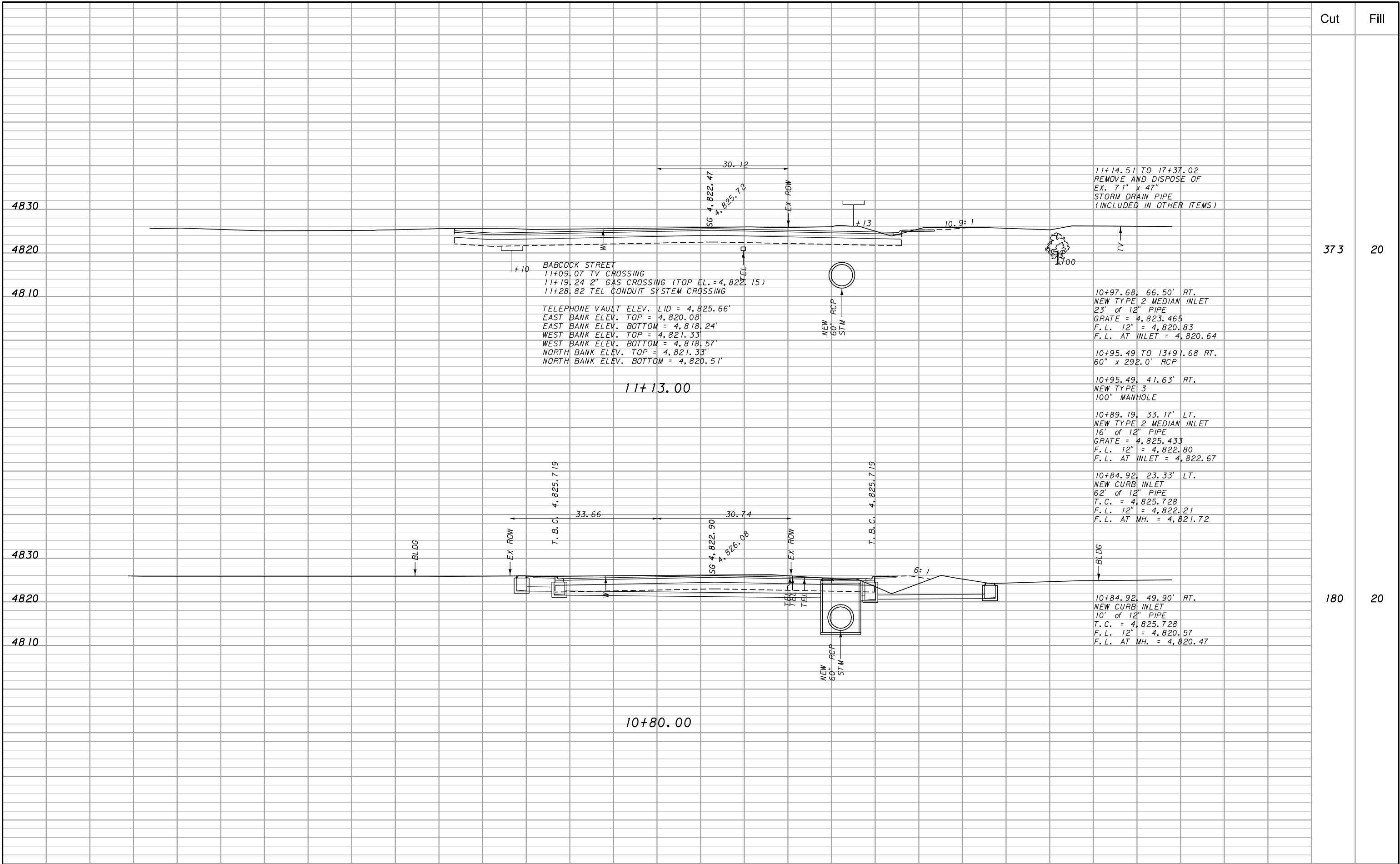
280 7

417 5

344 7

183 8

FIG. 4.4 T-3



Cut Fill

37.3 20

180 20