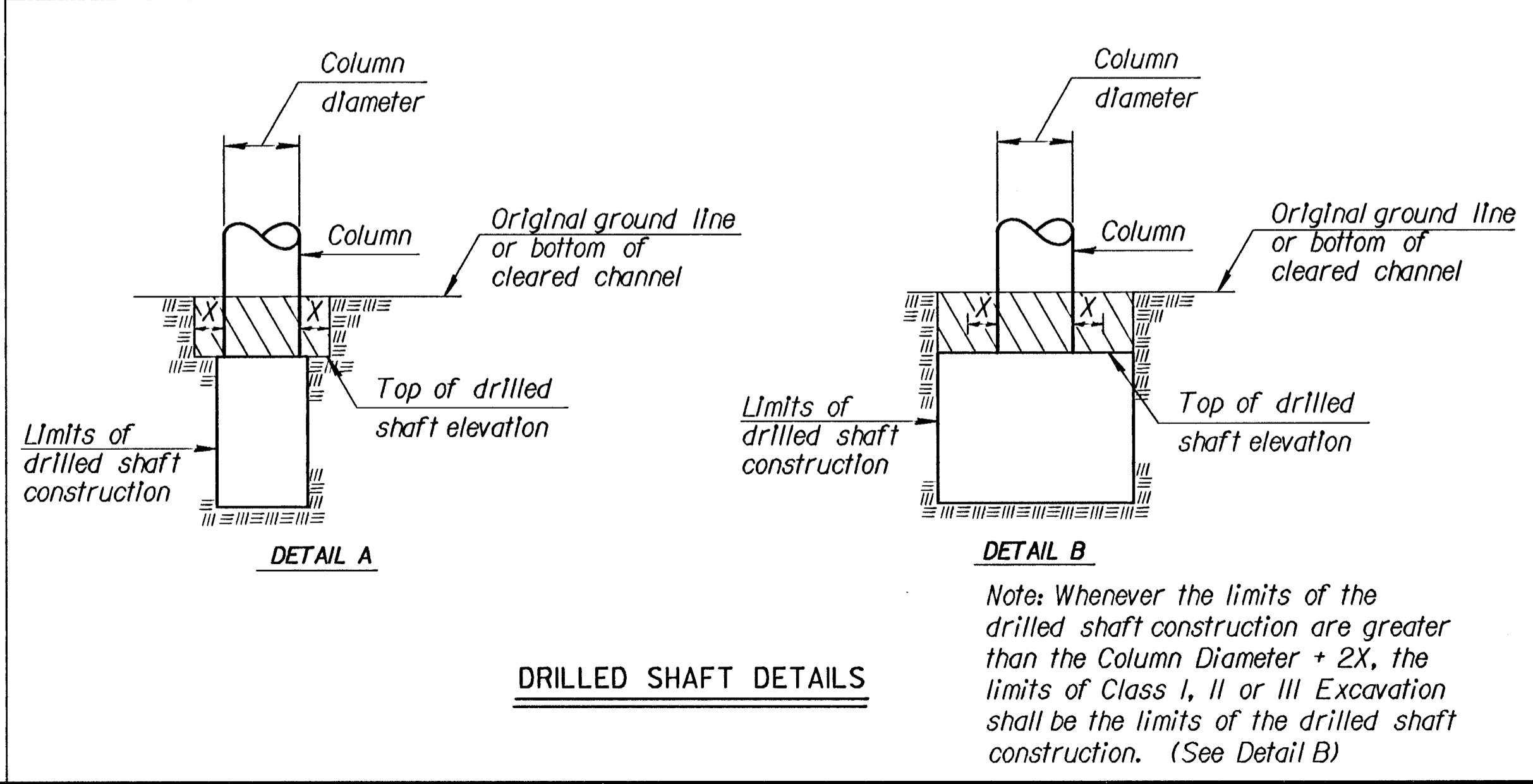
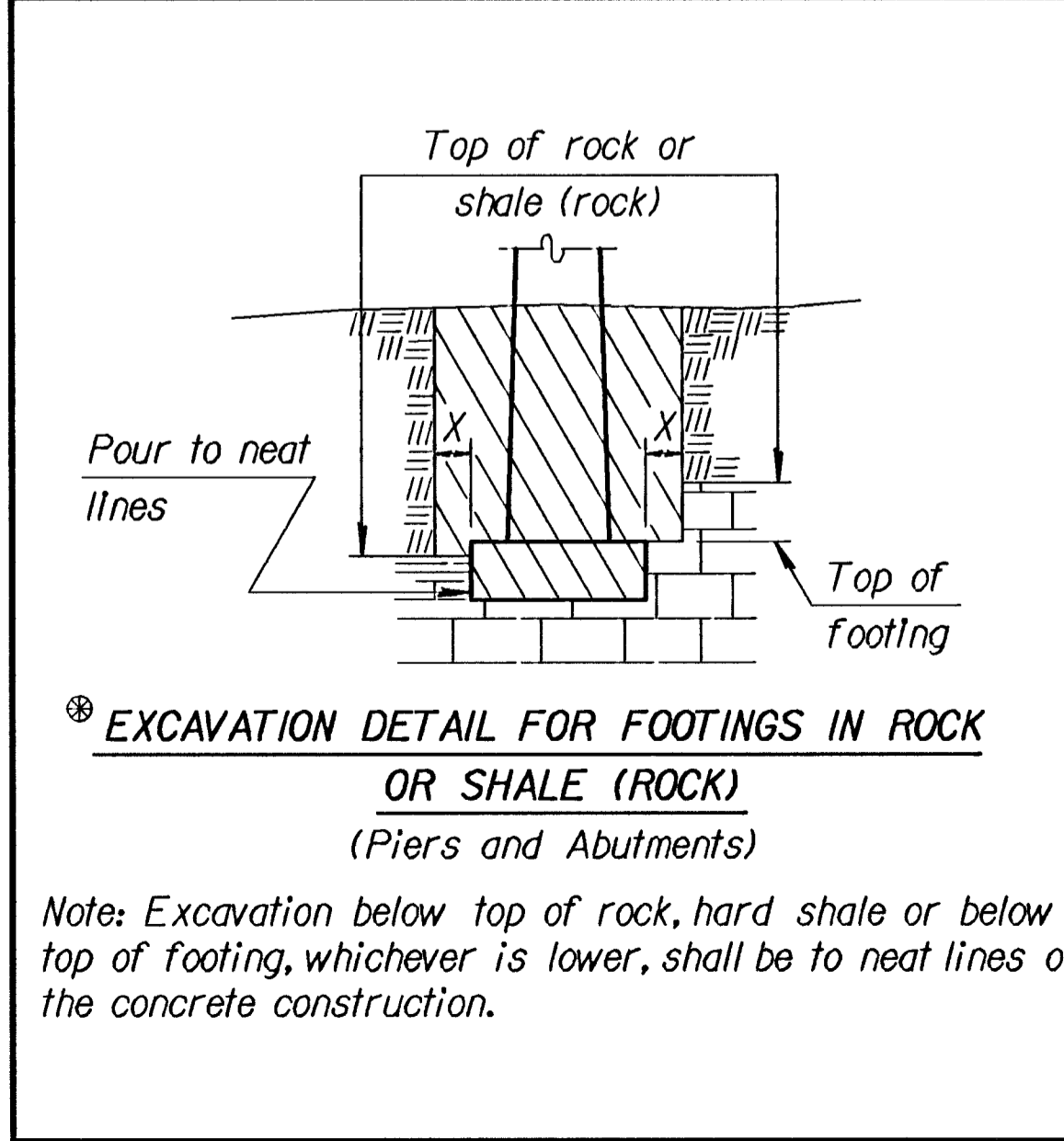
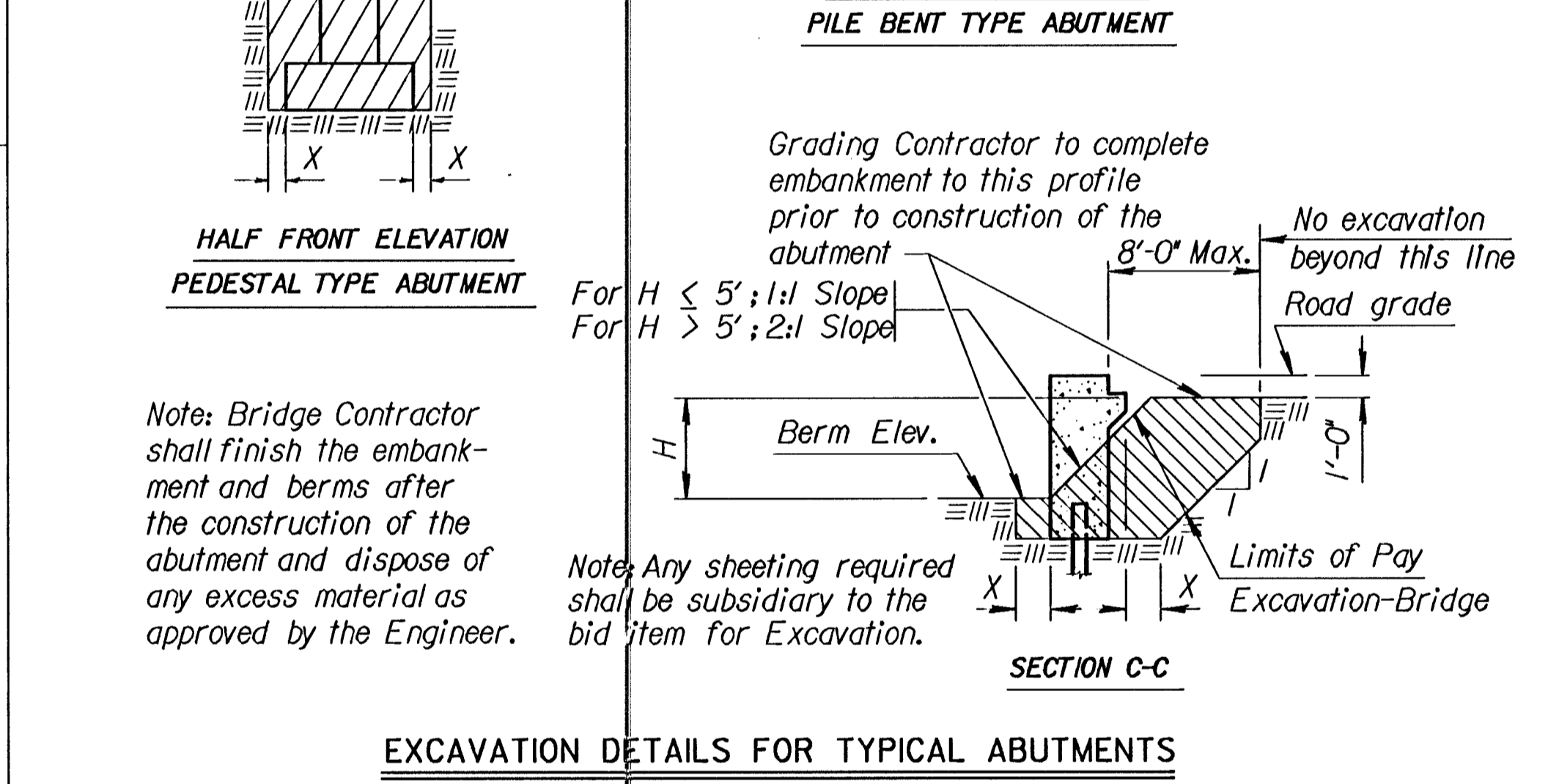
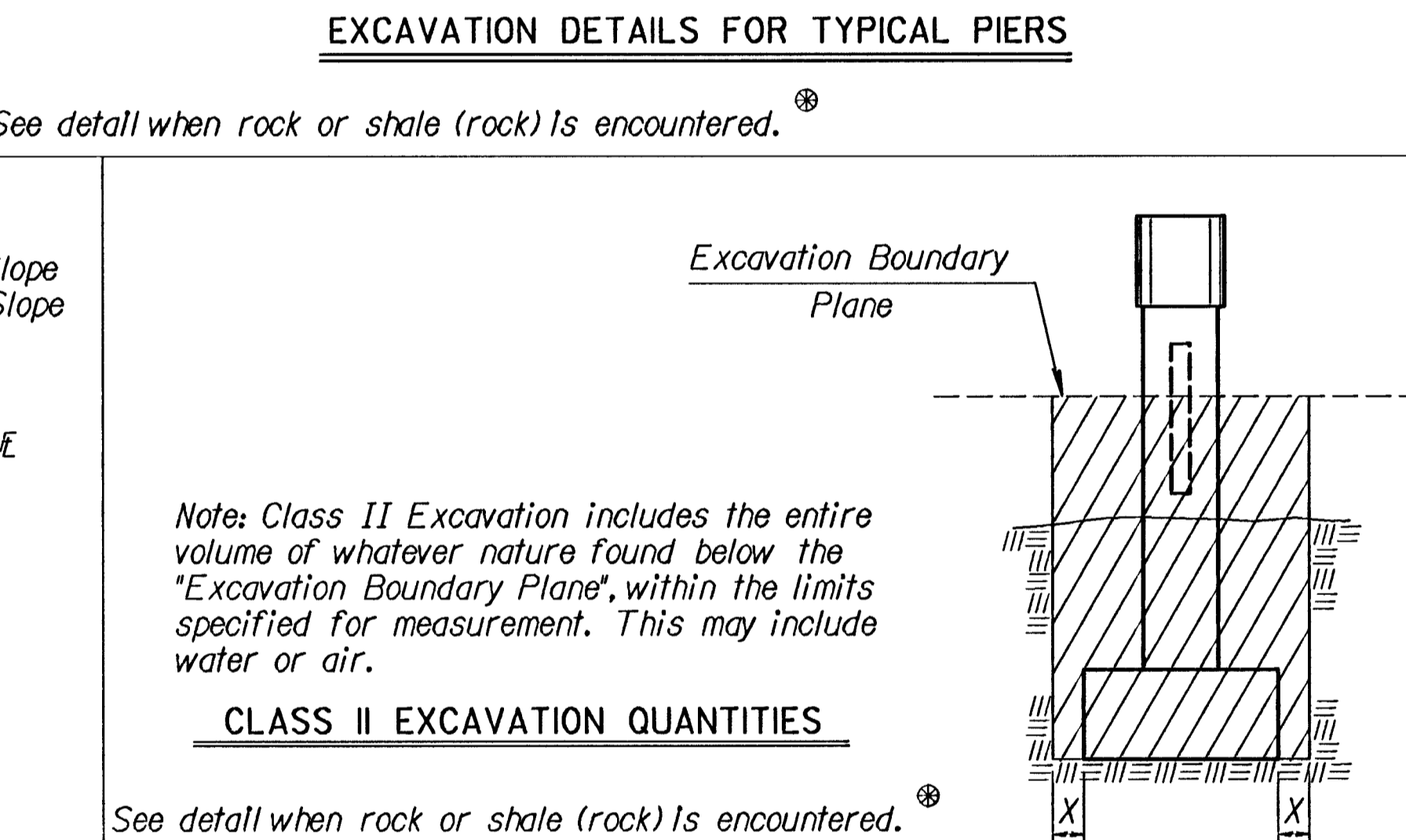
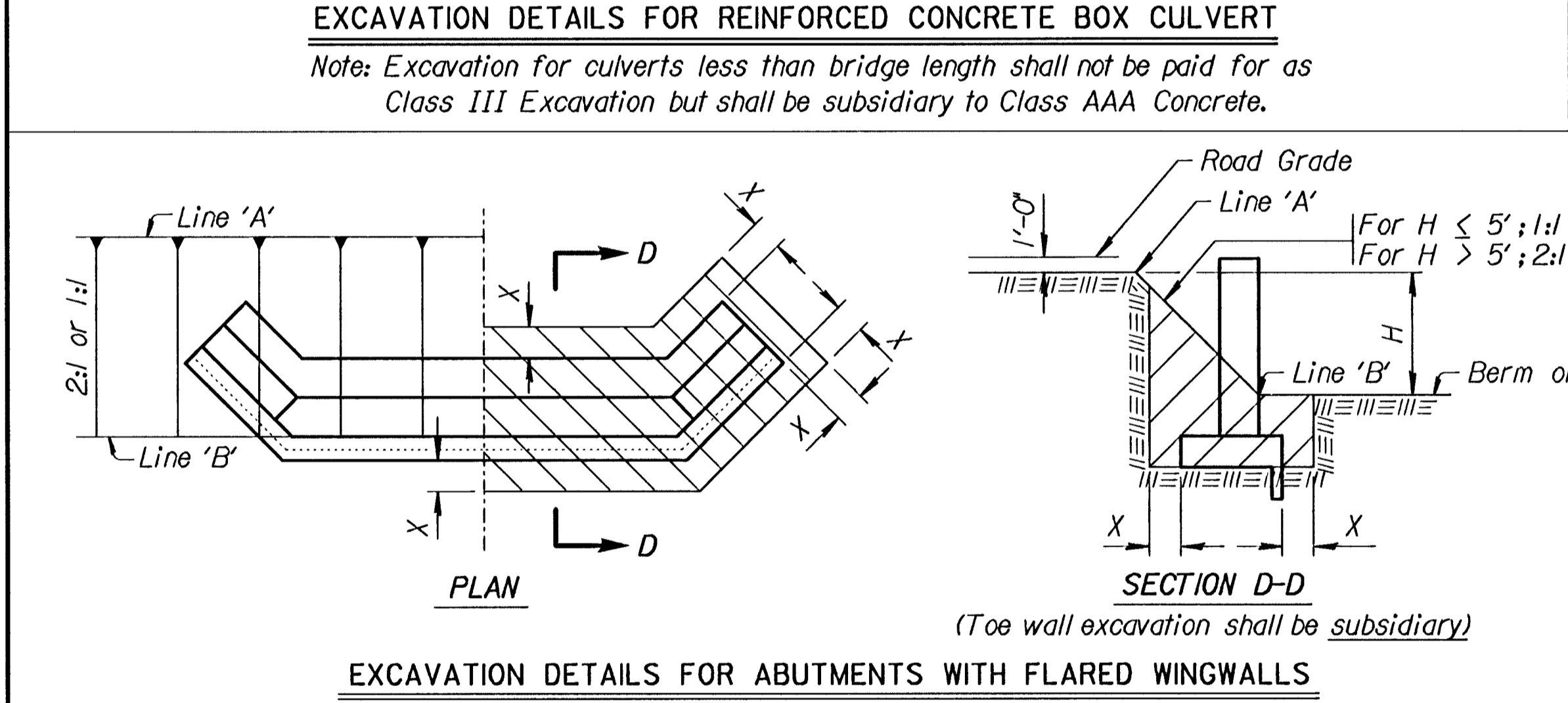
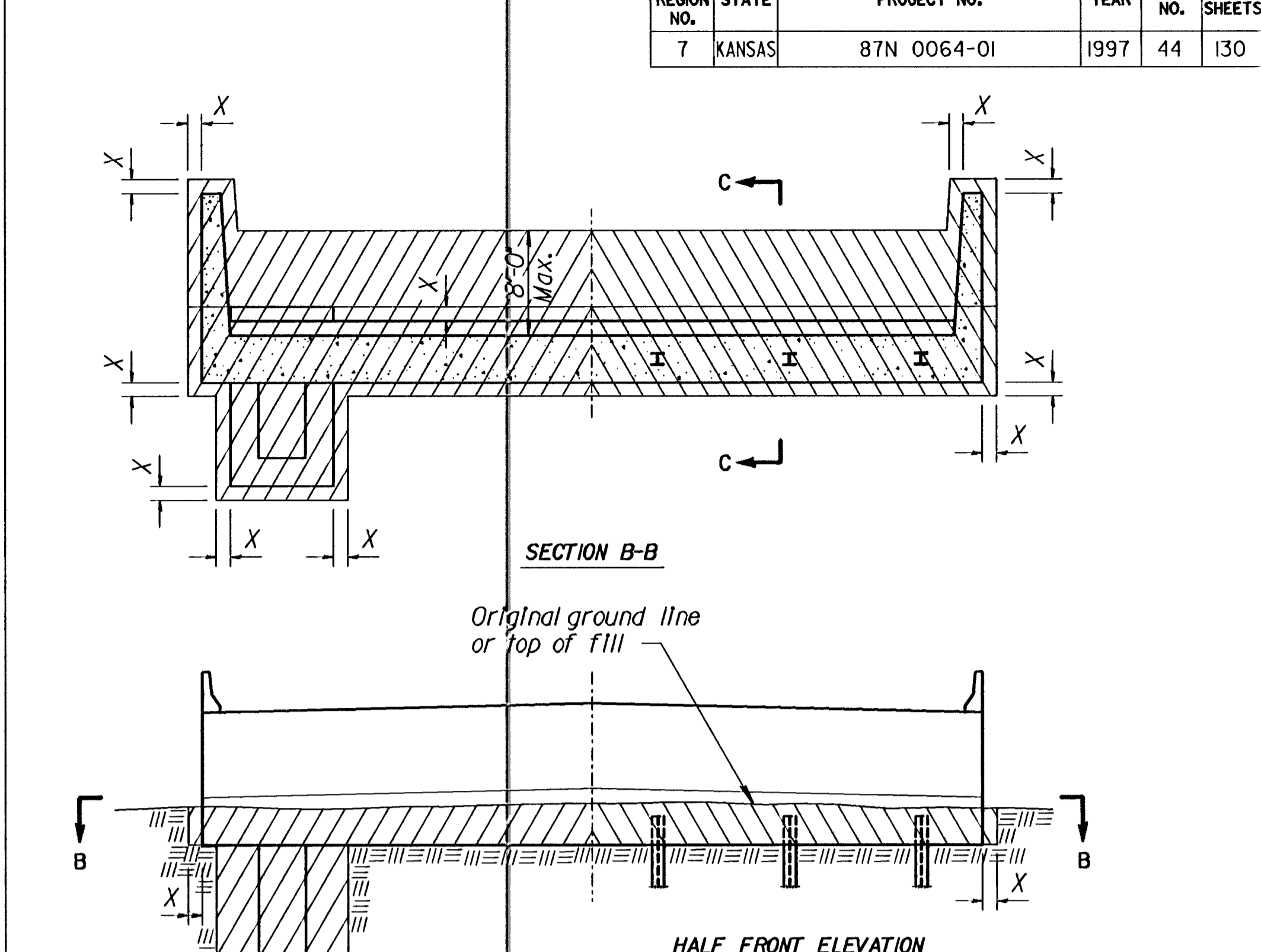
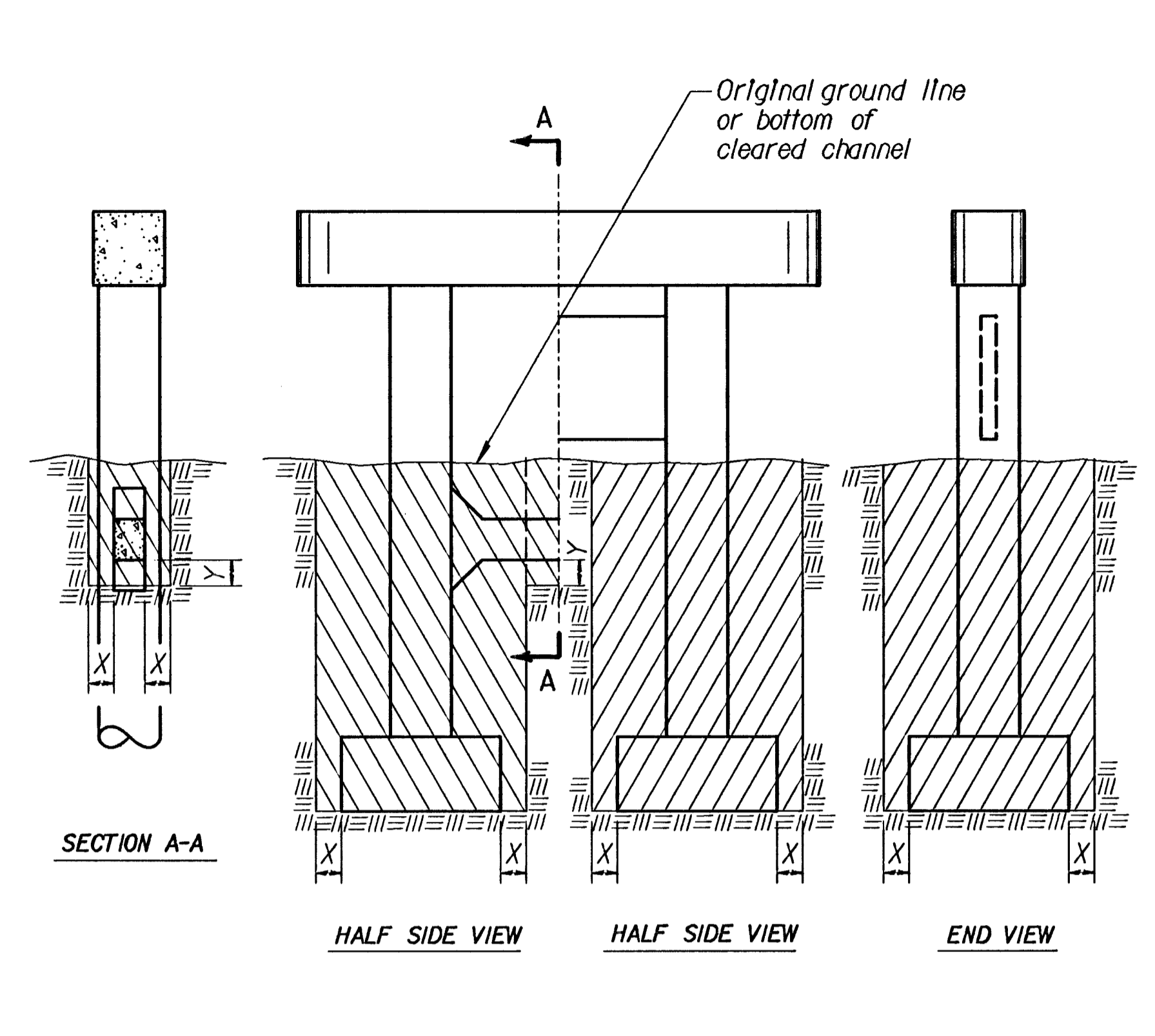
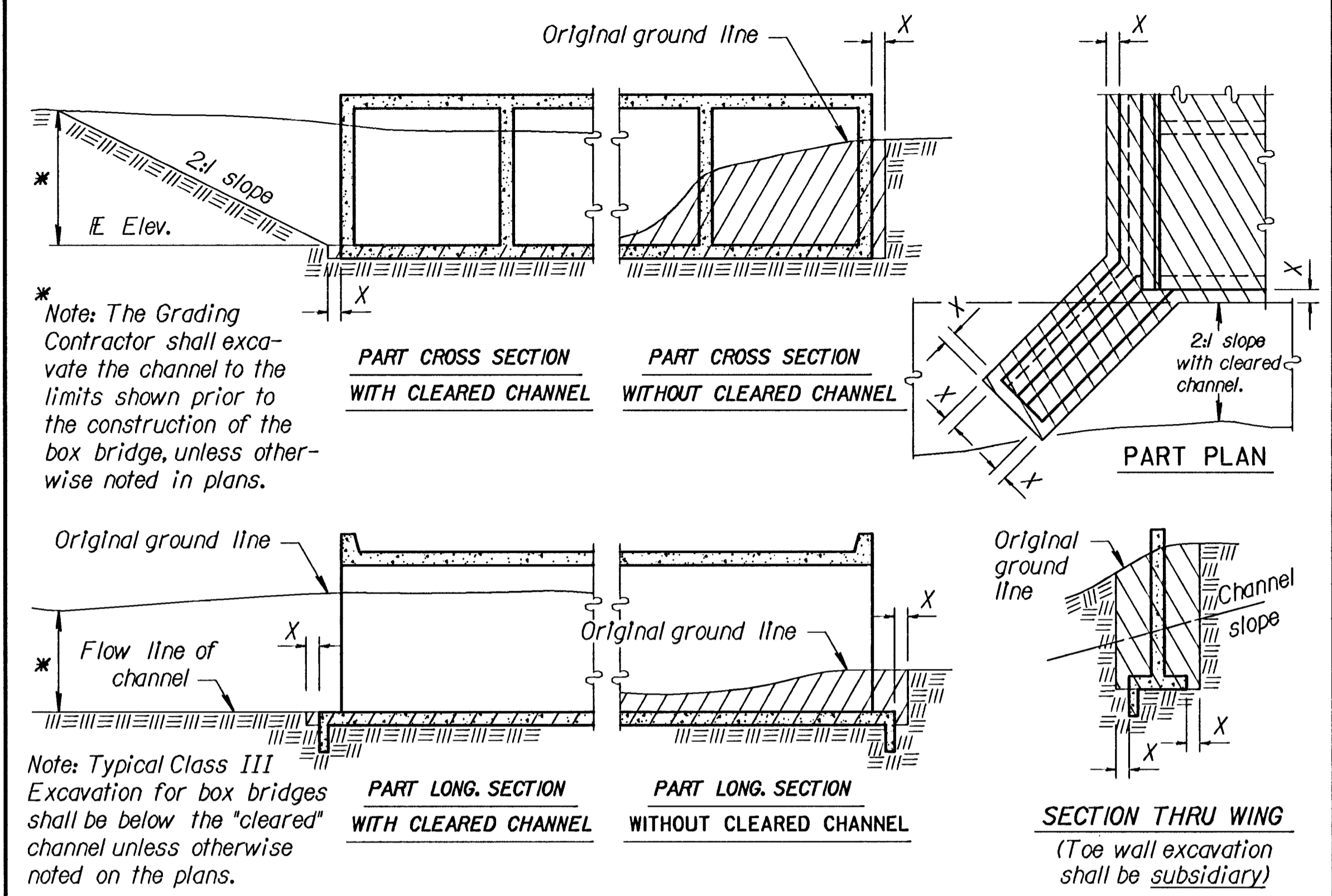


FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87N 0064-01	1997	44	130



Note: All bridge excavation shall be computed on the basis of the cross-hatch areas and boundary lines indicated on this sheet and the Excavation Boundary Plane on the Construction Layout.

Sides of trenches in hard or compacted soil including embankments shall be shored, sheeted, braced or otherwise supported when the trench is more than 5 feet in depth and 8 feet or more in length. In lieu of the shoring, the sides of the trench above the 5 foot level may be sloped to preclude collapse. The slope for average soils shall be 1:1. If the angle of repose of the soil is less, flatter slopes shall be required.

Dimension "X" shall be 2'-0" unless indicated otherwise on the general plans.
 Dimension "Y" shall be 1'-6" unless indicated otherwise on the general plans.

NO.	DATE	REVISIONS	BY	APP'D
5	8-12-95	Correct Section B-B of abutment	LBB	KEH
4	1-30-95	Drilled Shaft Excavation	LBB	KEH
3	1-26-94	Change limits of abutment	LBB	KEH
2	1-26-93	Add Class 2 & Flared Wing det.	LBB	KEH
1	4-6-90	Change limits of abutments	LBB	KEH

KANSAS DEPARTMENT OF TRANSPORTATION

BRIDGE EXCAVATION

BRIOO
 FHWA APPROVAL: 9-8-95 APP'D: KENNETH E. HURST
 DESIGNED: FOR QUANTITIES: CADD
 DESIGN CK: DETAIL CK: LBB QUAN. CK: CADD CK.

Plotted By: \$USERNAME\$
 Plot File: \$\$\$\$DGN\$
 Plot Date: \$\$\$\$STIME\$
 Server File: /usr2/sgnd/sgn/100.dgn
 Server: wltch