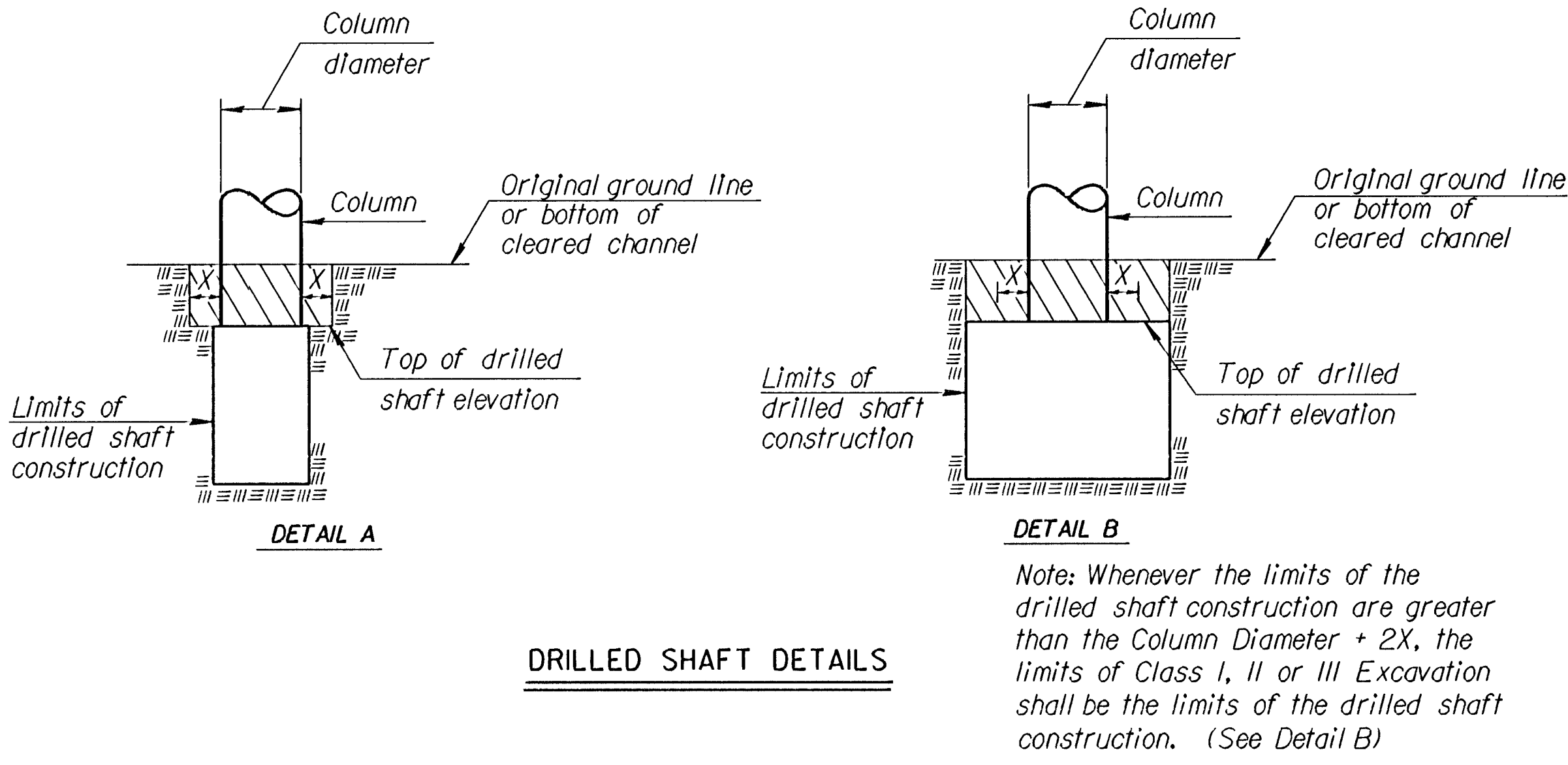
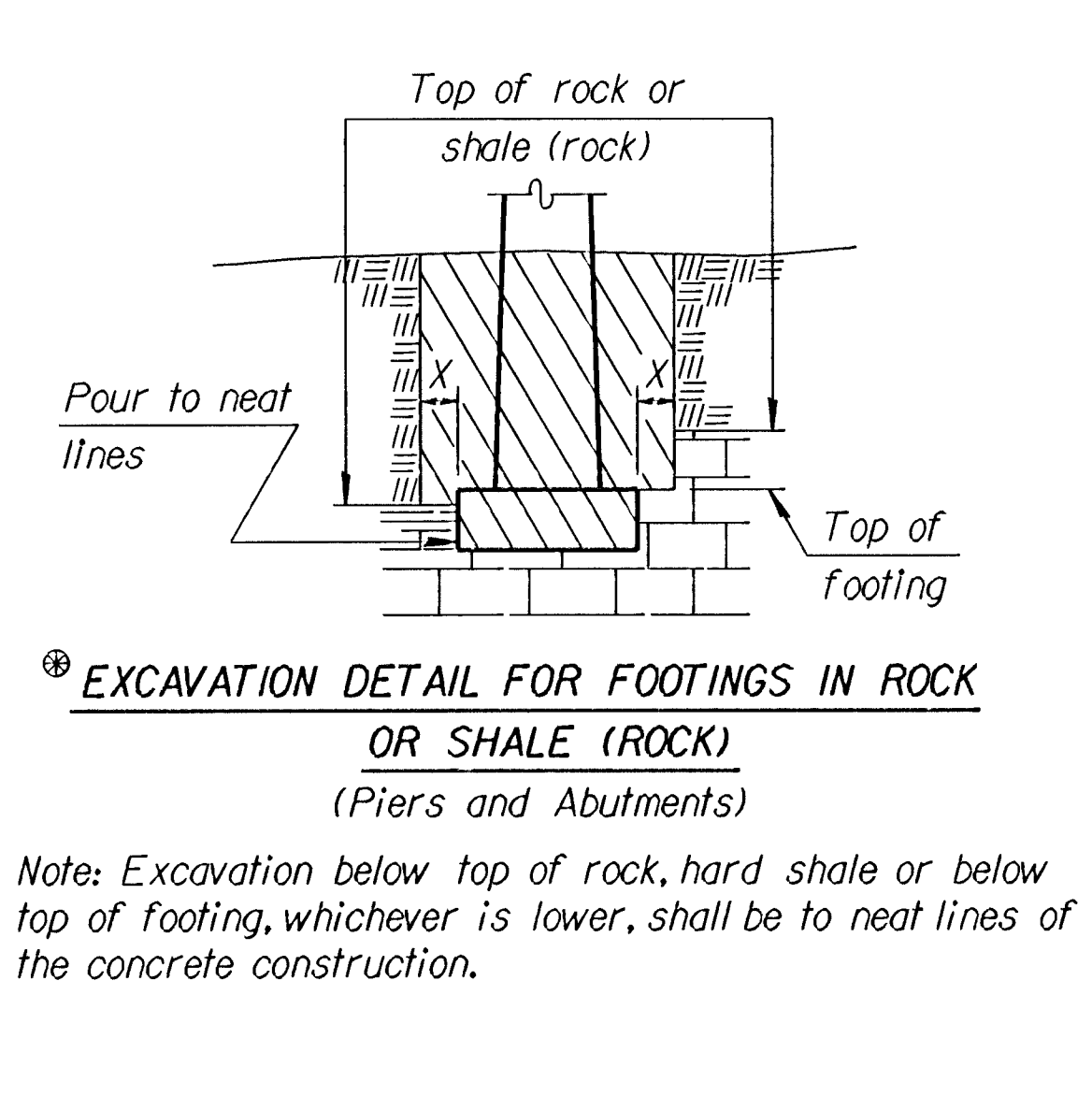
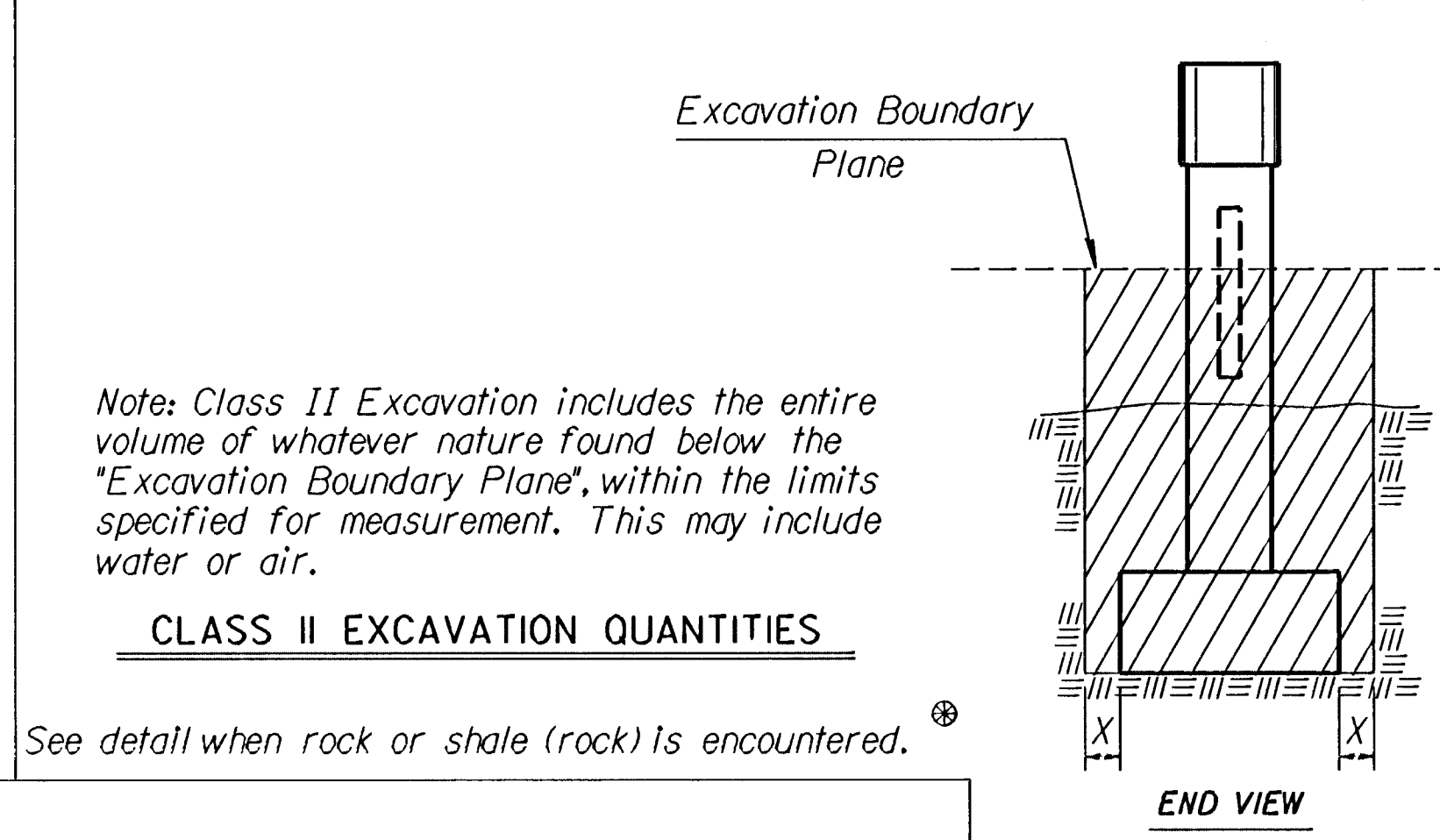
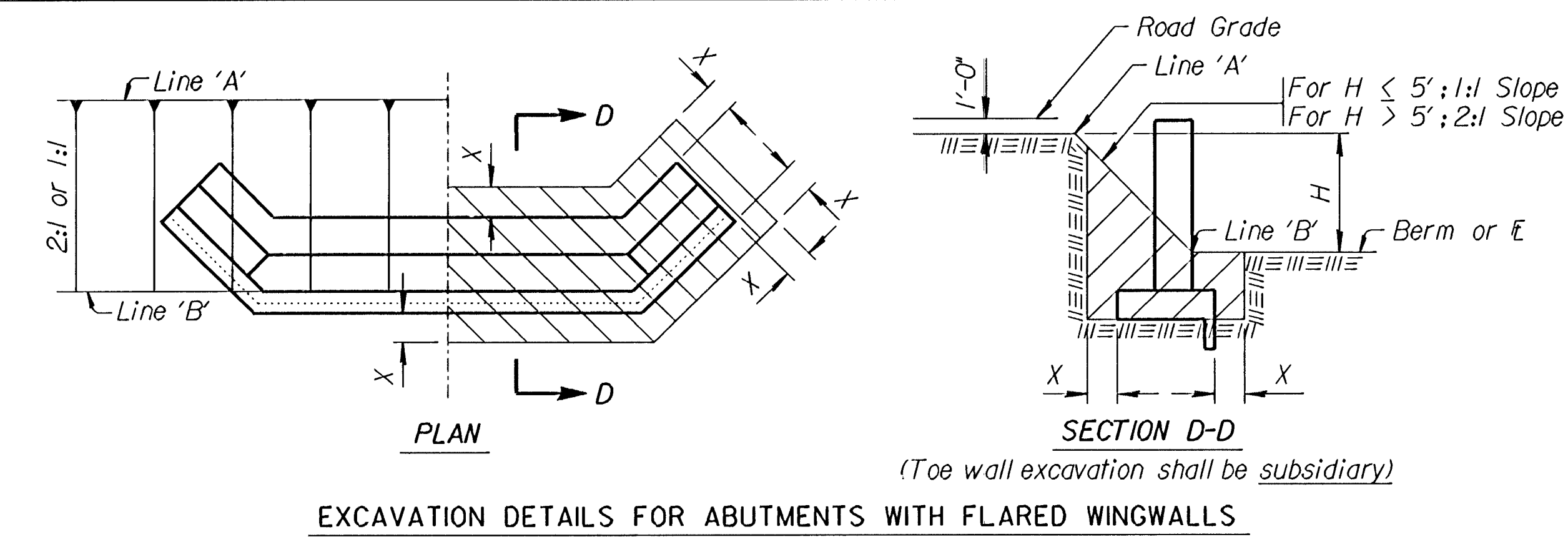
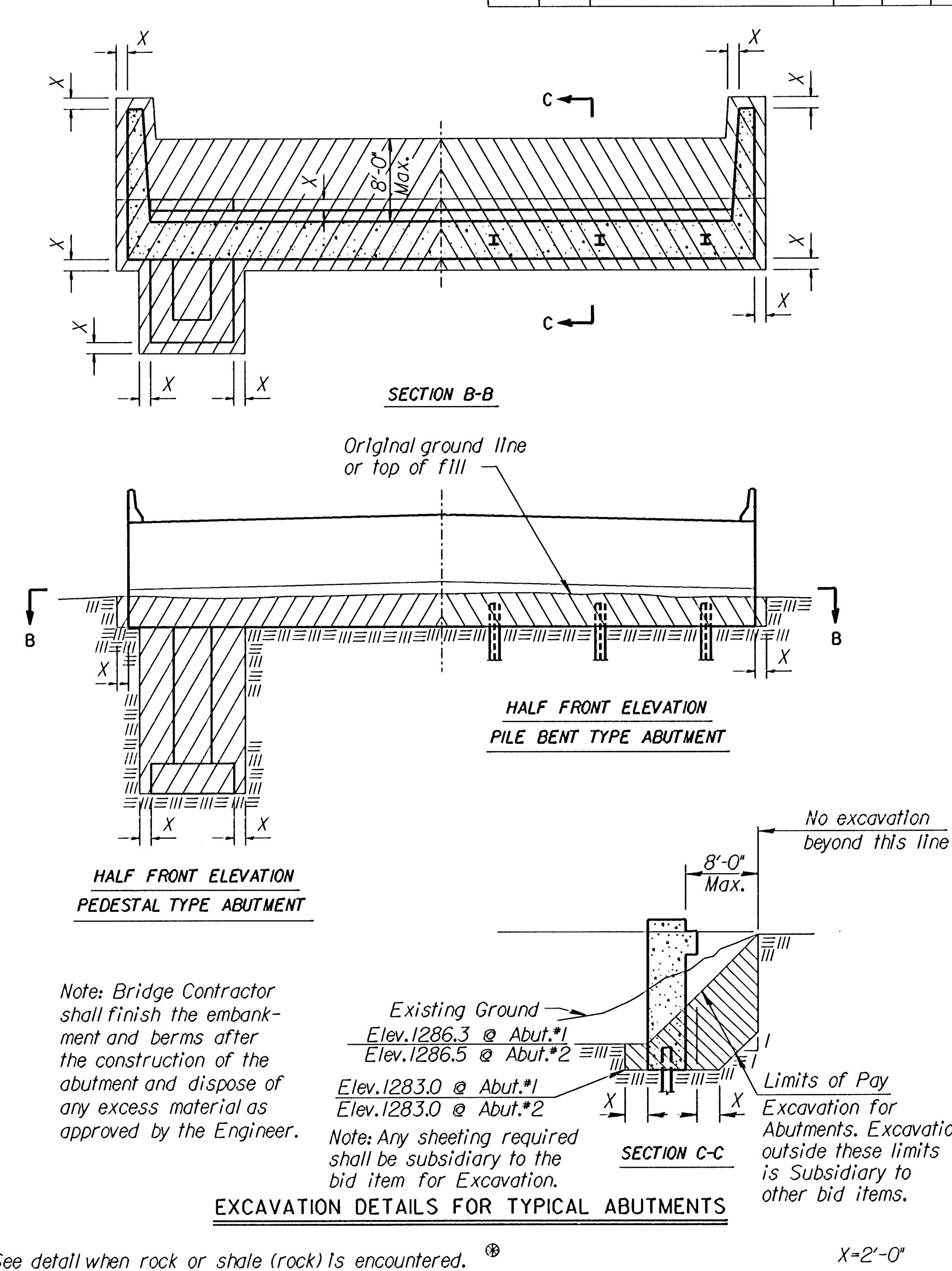
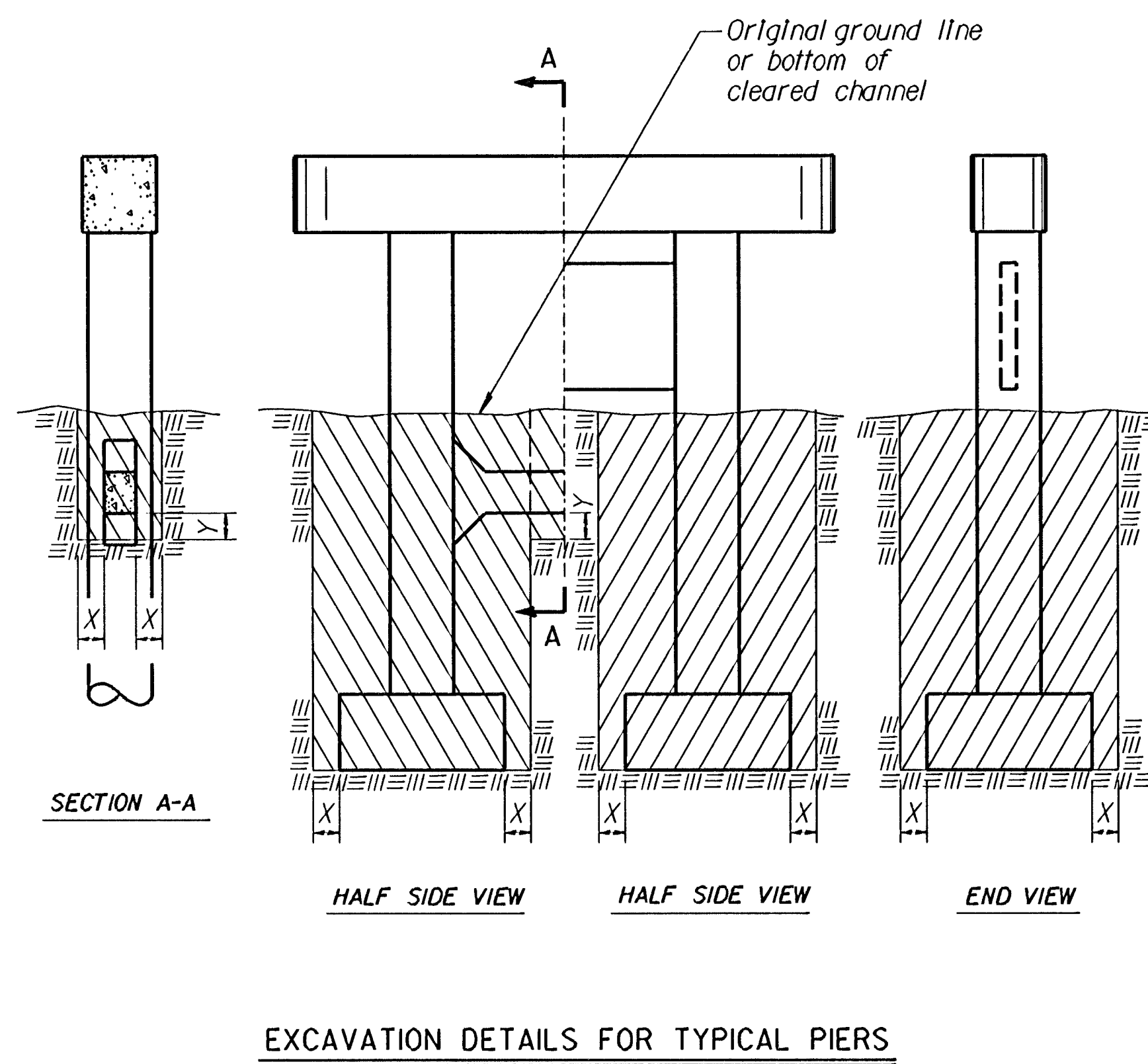
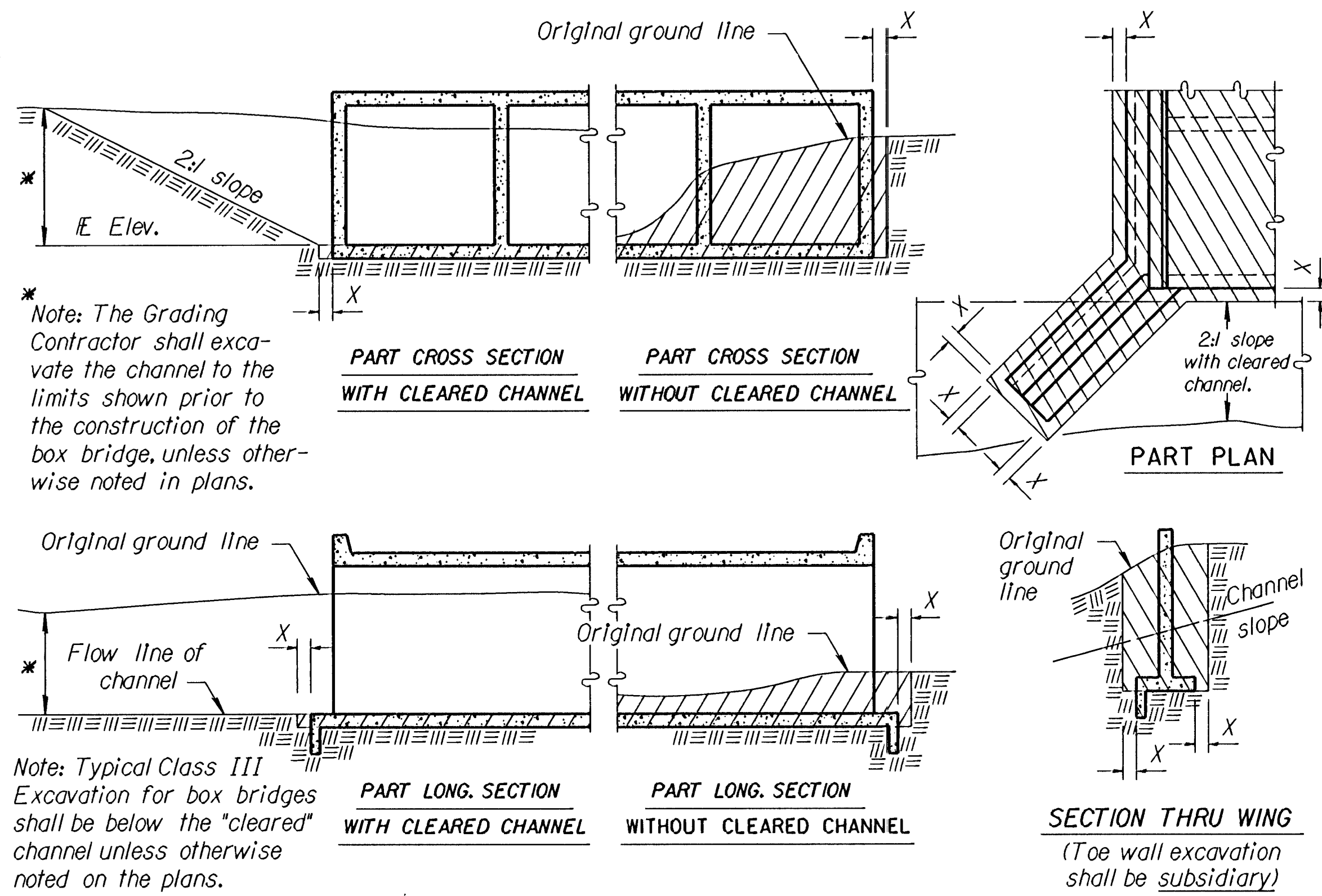


FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	472-82721	1997	C98	131



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

Plotted By : wll
 Plot File : i:\995\95088\douglas\standard\brexcstd.dgn
 Plot Date : 8-26-97
 Std. Base File : i:\usr2\stand\us\br100.dgn
 Server File : i:\usr2\stand\us\br100.dgn
 View: PLOT1
 Server : witch

NO.	DATE	REVISIONS	BY	APP'D
5	8-12-95	Correct Section BB at abutment	LRR	KFH
4	1-30-95	Drilled Shaft Excavation	LRR	KFH
3	7-26-94	Change limits at abutment	LRR	KFH
2	1-26-93	Add Class 2 & Flared Wing det.	LRR	KFH
1	4-6-90	Change limits at abutments	LRR	KFH

KANSAS DEPARTMENT OF TRANSPORTATION			
BRIDGE EXCAVATION			
DESIGNED	9-8-95	APP'D	KENNETH F. HURST
DETAIL CK.	DETAIL CK.	LRR QUAN. CK.	CAOD CK.