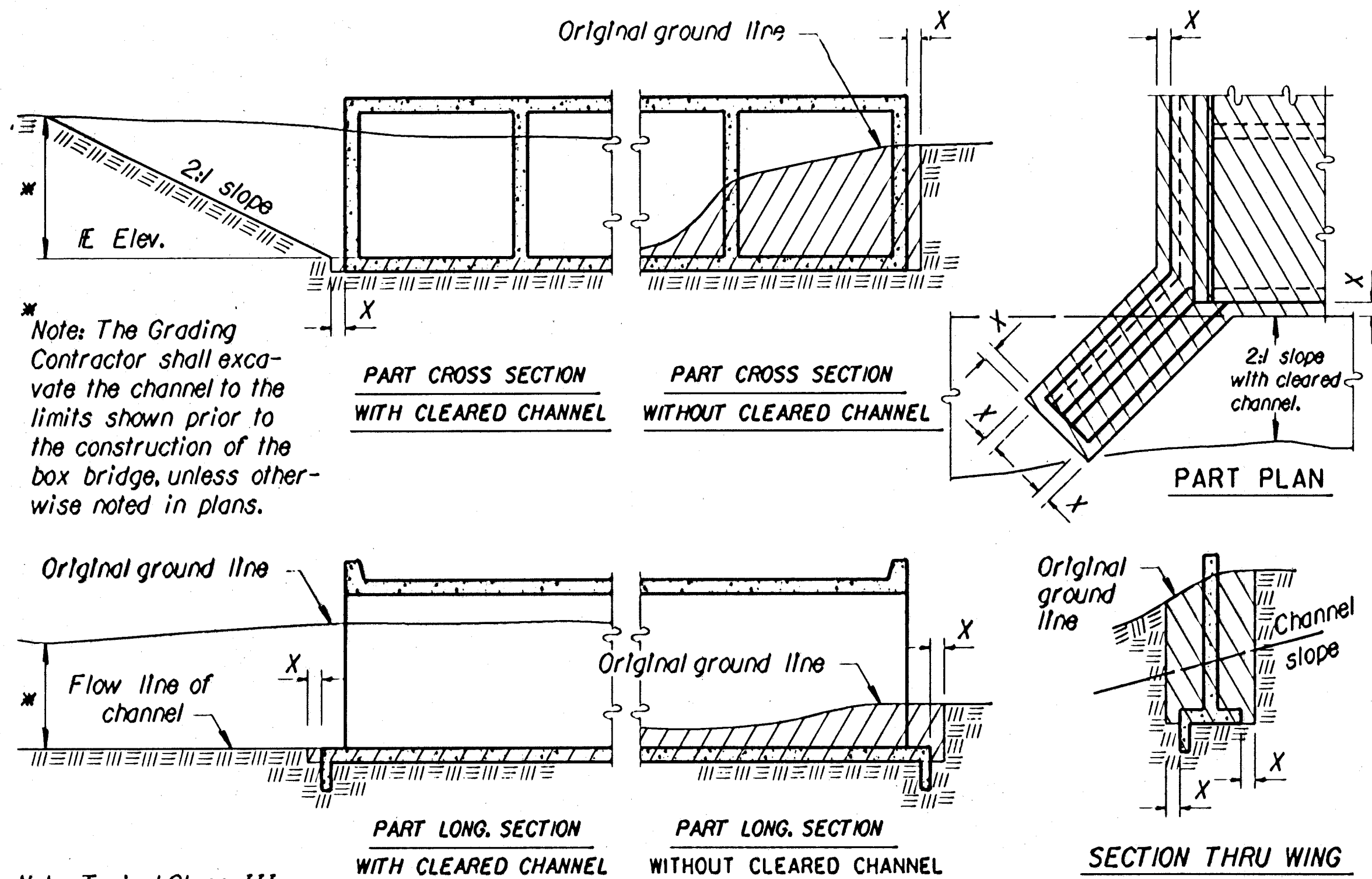


CO.	CHG.	DATE	CO.	CHG.	DATE
DESIGN	DESIGN	DATE	DESIGN	DESIGN	DATE
DETAIL	DETAIL	DATE	DETAIL	DETAIL	DATE
QUANTITIES	QUANTITIES	DATE	QUANTITIES	QUANTITIES	DATE
REVISIONS	REVISIONS	DATE	REVISIONS	REVISIONS	DATE

STANDARD	DATE	VIEW	PLOTT
2F3.1/10.47/100X000.DGN	24-APR-1990 15:06	View	PLOTT

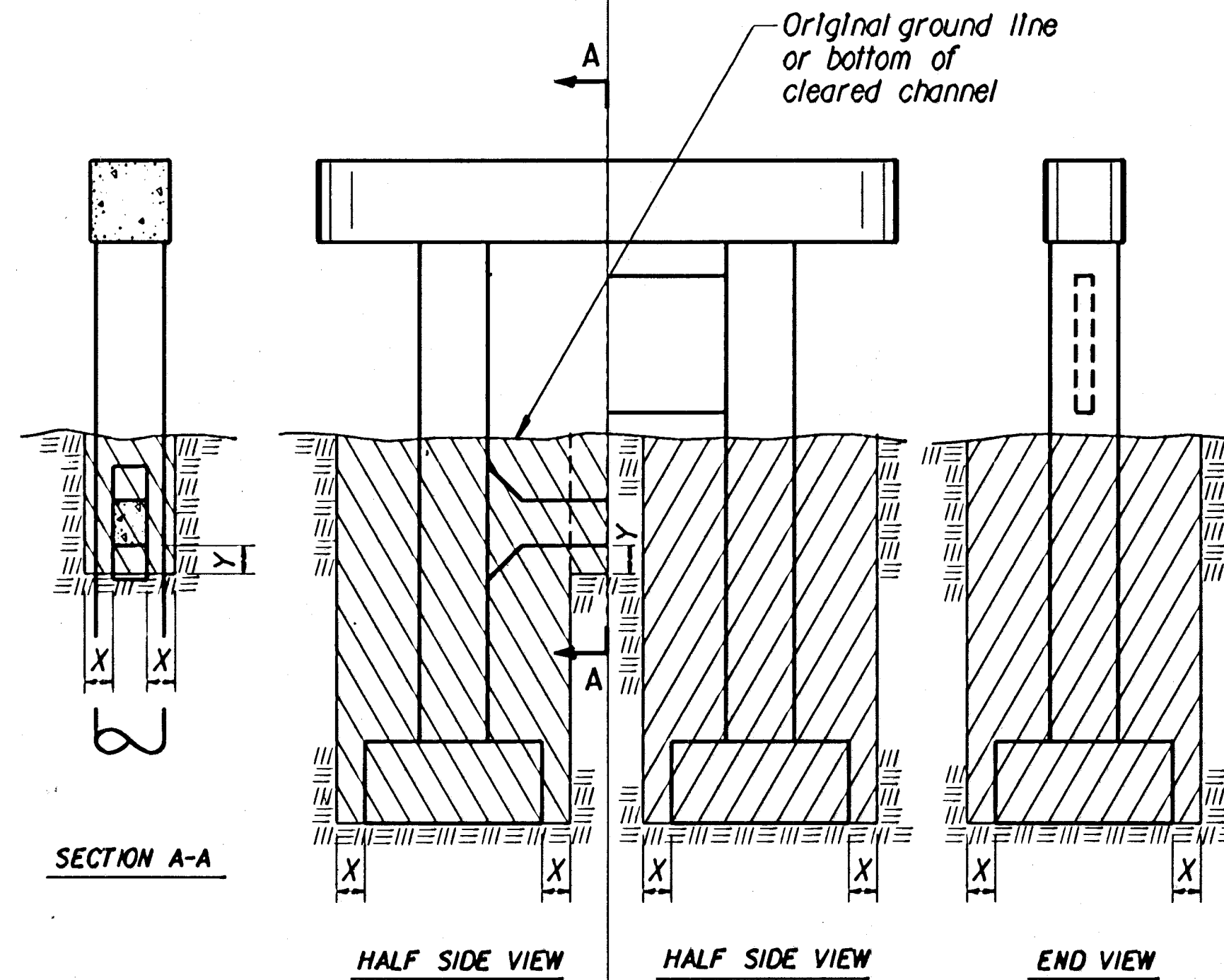


Note: Typical Class III Excavation for box bridges shall be below the "cleared" channel unless otherwise noted on the plans.

EXCAVATION DETAILS FOR REINFORCED CONCRETE BOX CULVERT

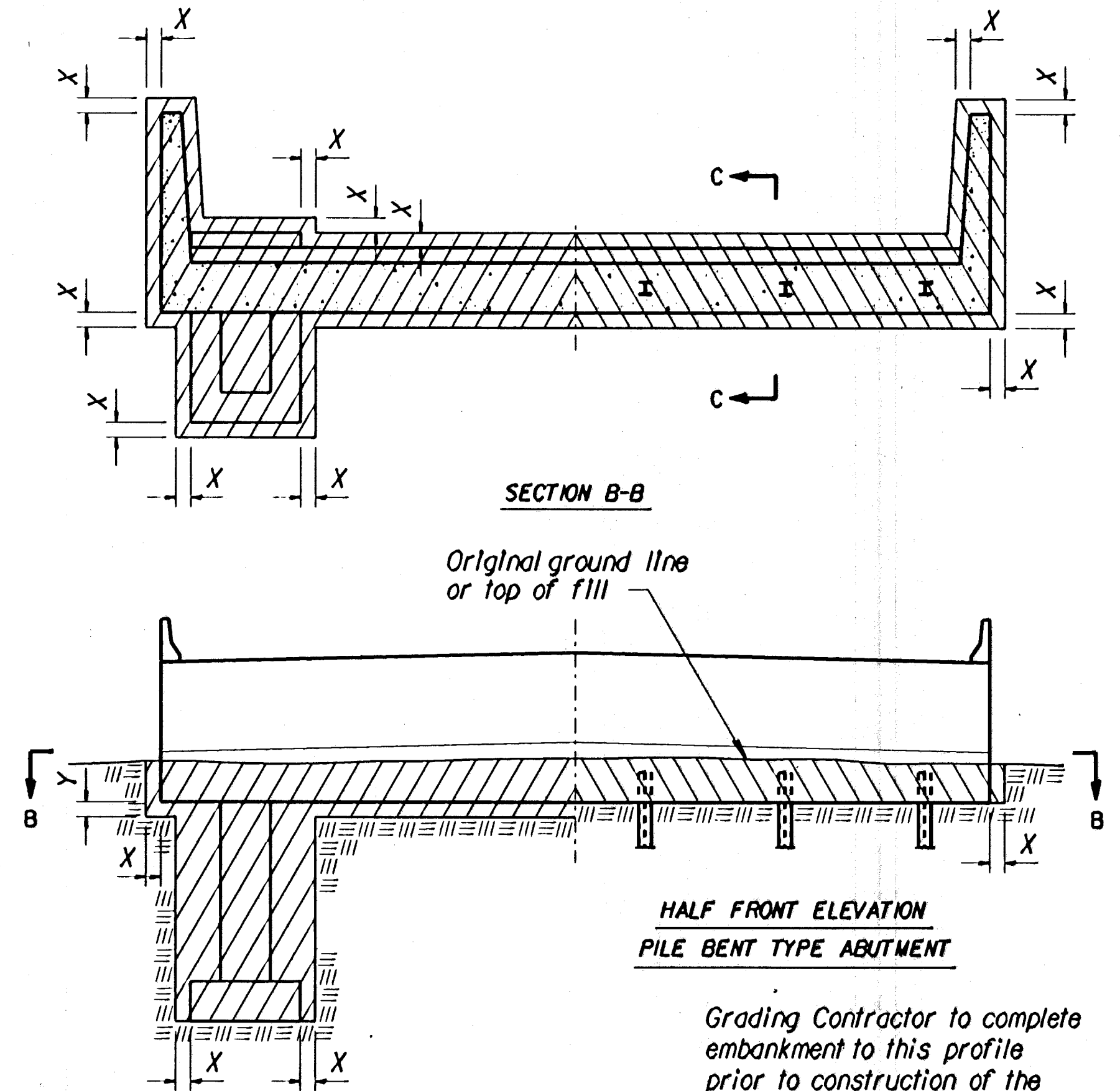
Note: Excavation for culverts less than bridge length shall not be paid for as Class III Excavation but shall be subsidiary to Class AAA Concrete.

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.



EXCAVATION DETAILS FOR TYPICAL PIERS

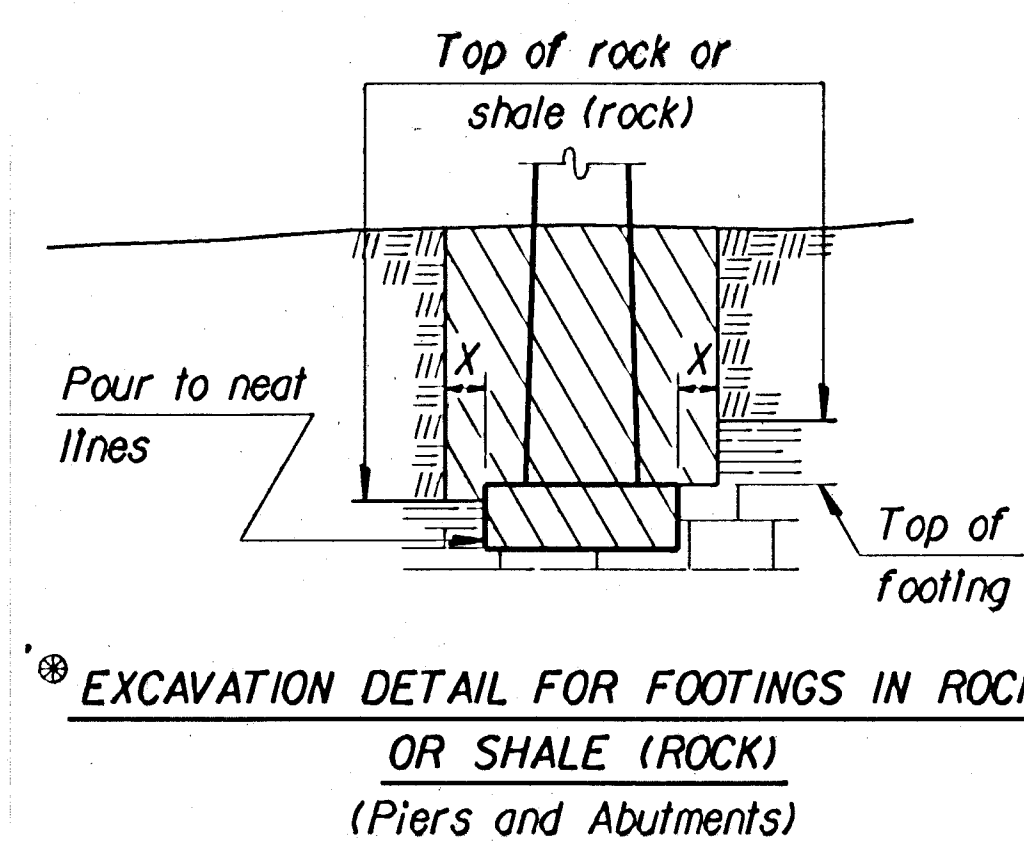
See detail when rock or shale (rock) is encountered. *



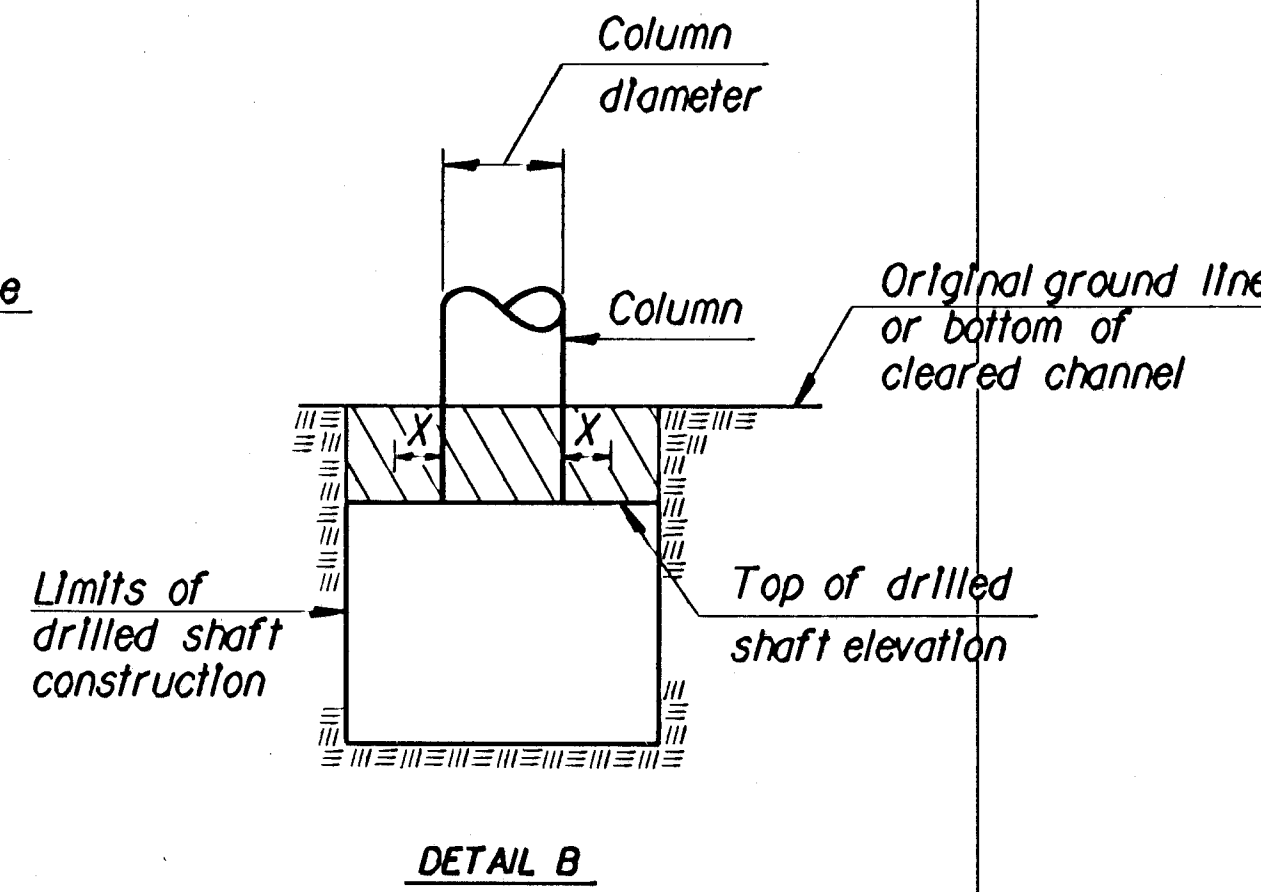
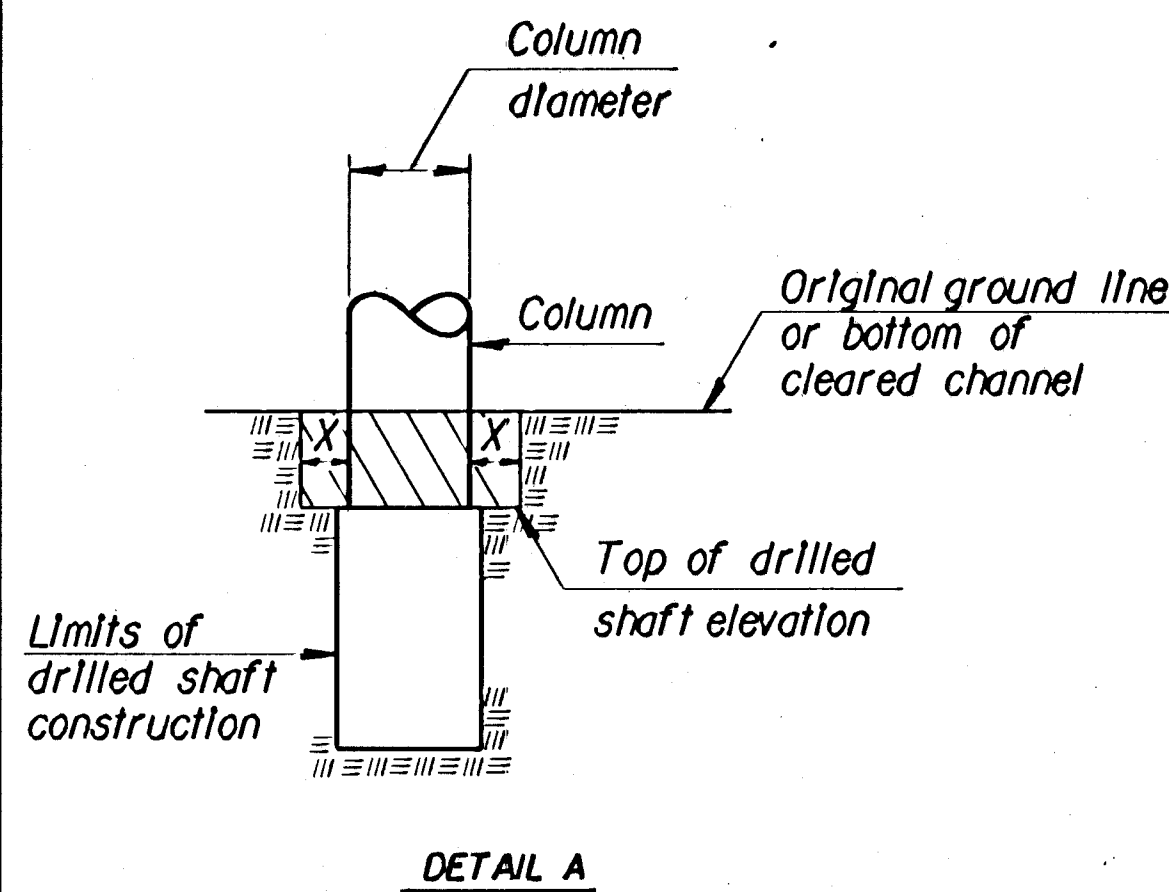
EXCAVATION DETAILS FOR TYPICAL ABUTMENTS

See detail when rock or shale (rock) is encountered. *

Note: All bridge excavation shall be computed on the basis of the cross-hatched areas and boundary lines indicated on this sheet.
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.



Note: Excavation below top of rock, hard shale or below top of footing, whichever is lower, shall be to neat lines of the concrete construction.



DRILLED SHAFT DETAILS

Note: Whenever the limits of the drilled shaft construction are greater than the Column Diameter + 2X, the limits of Class III Excavation shall be the limits of the drilled shaft construction. (See Detail B)

FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87U-1247-01	1992	45	79

NO.	DATE	Change limits of abutment	REVISIONS	LRR	KFH
1	4-8-90	Change limits of abutment			
DESIGNED	DATE	DESIGNED	DATE	DESIGNED	DATE
DESIGN CK.	DATE	DESIGN CK.	DATE	DESIGN CK.	DATE

KANSAS DEPARTMENT OF TRANSPORTATION

BRIDGE EXCAVATION

STD. NO. 100

4-16-90 APP'D KENNETH F. HURST

DESIGNED DETAIL CK. LRR QUANT. CK. TRACED CK.