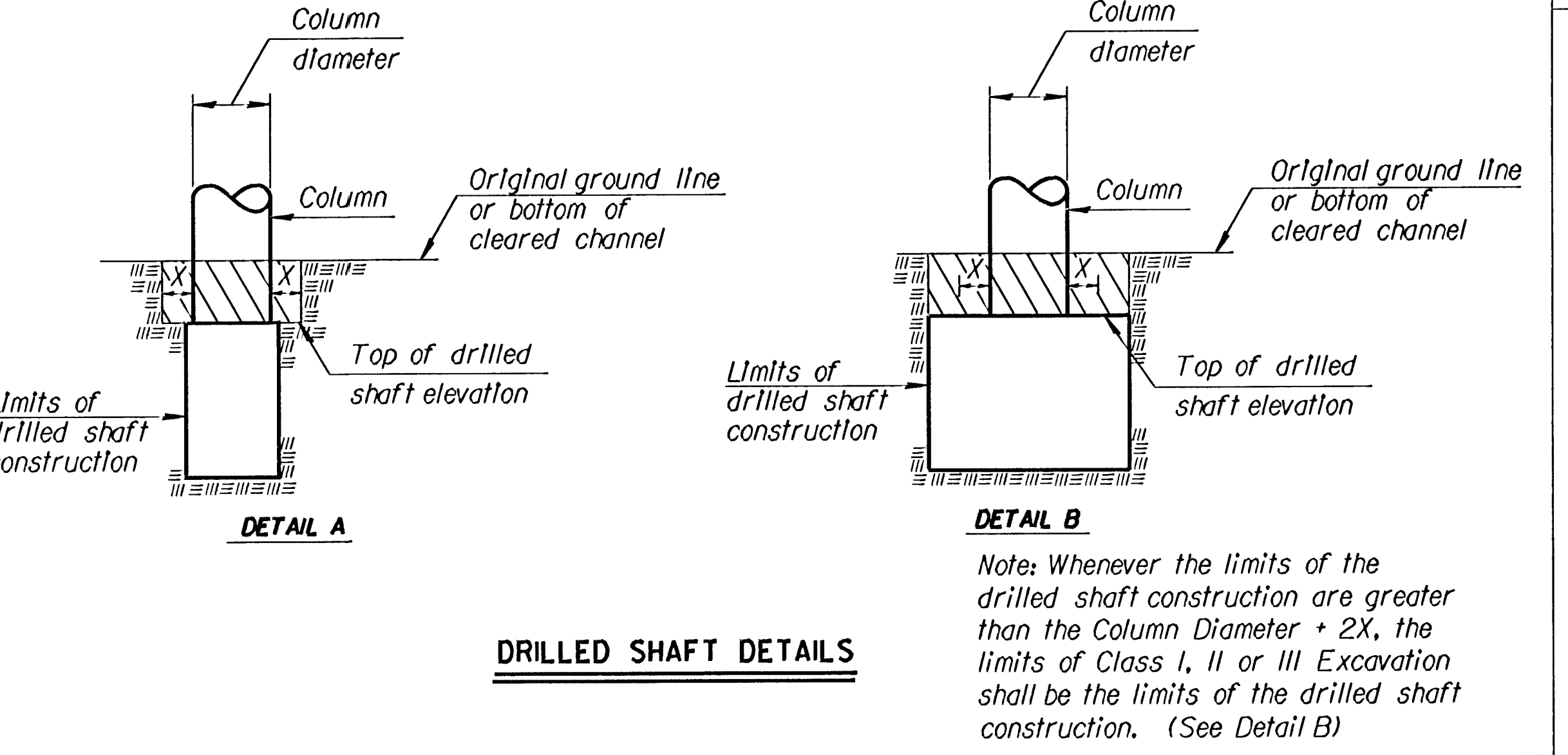
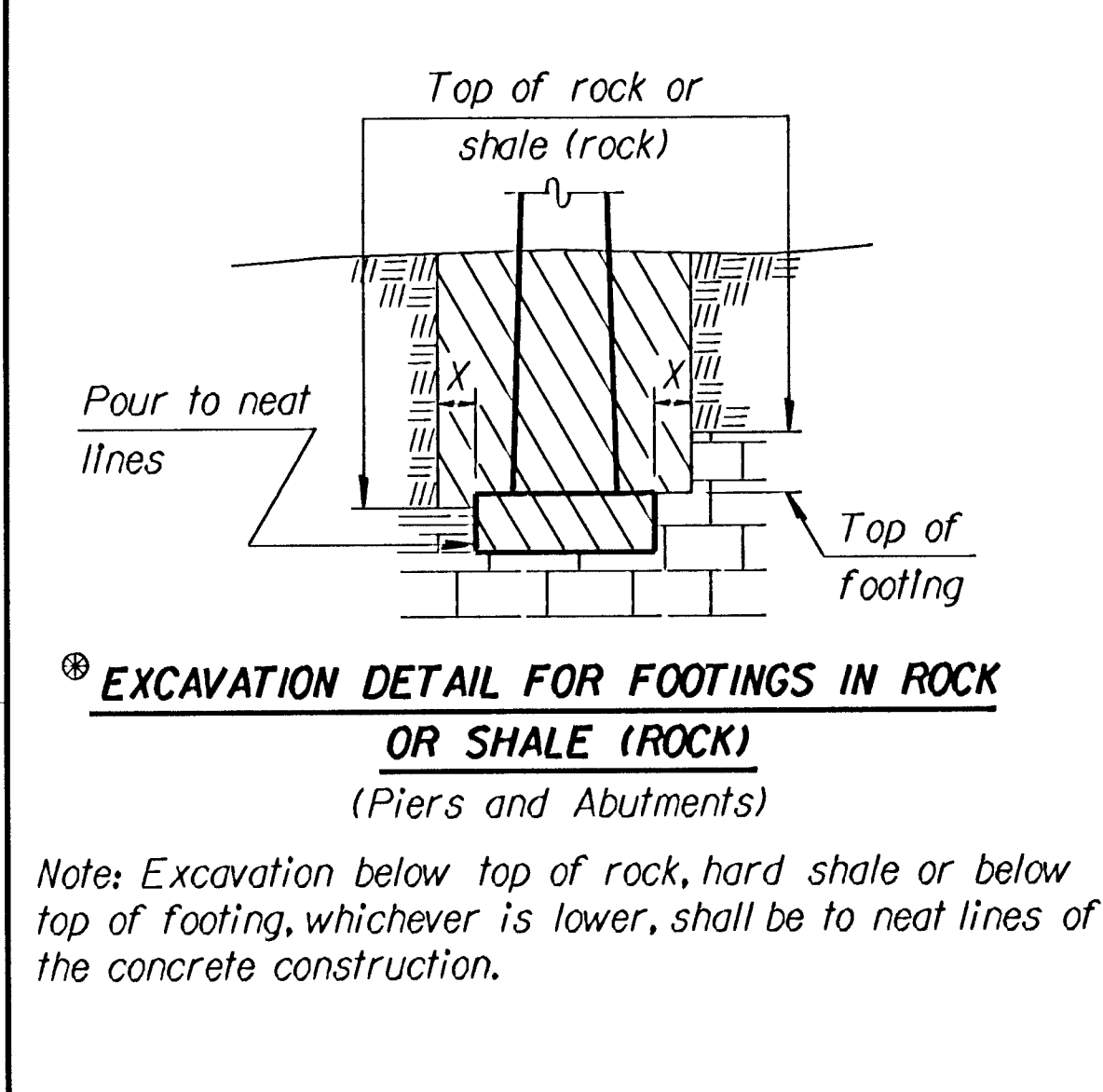
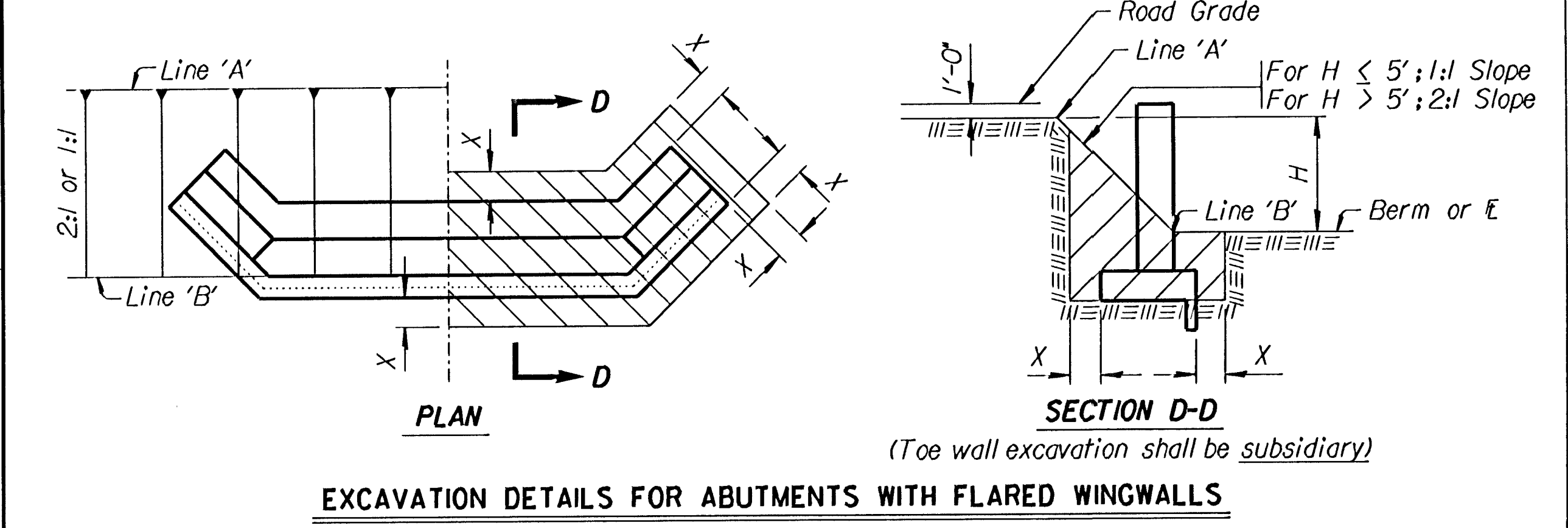
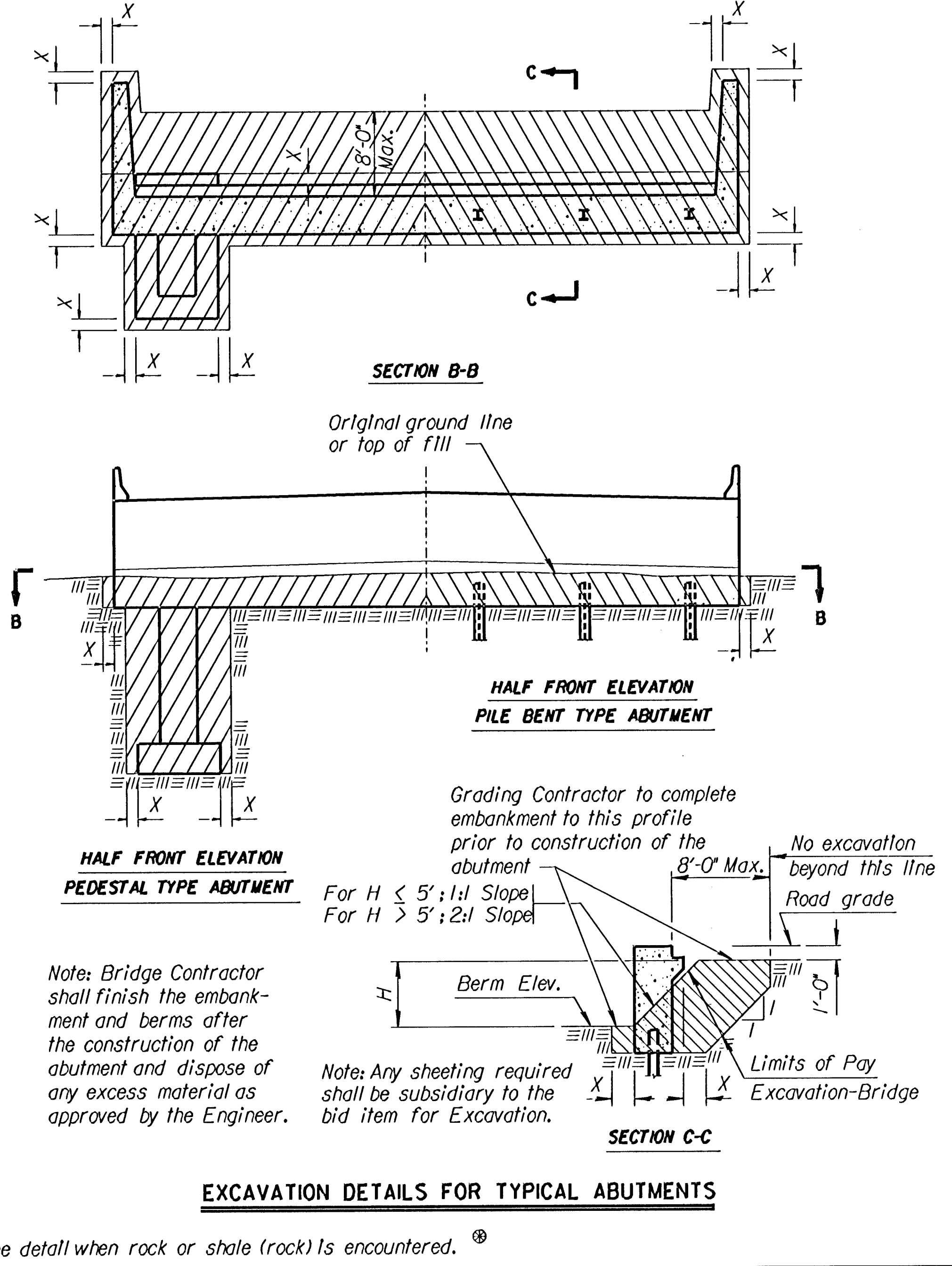
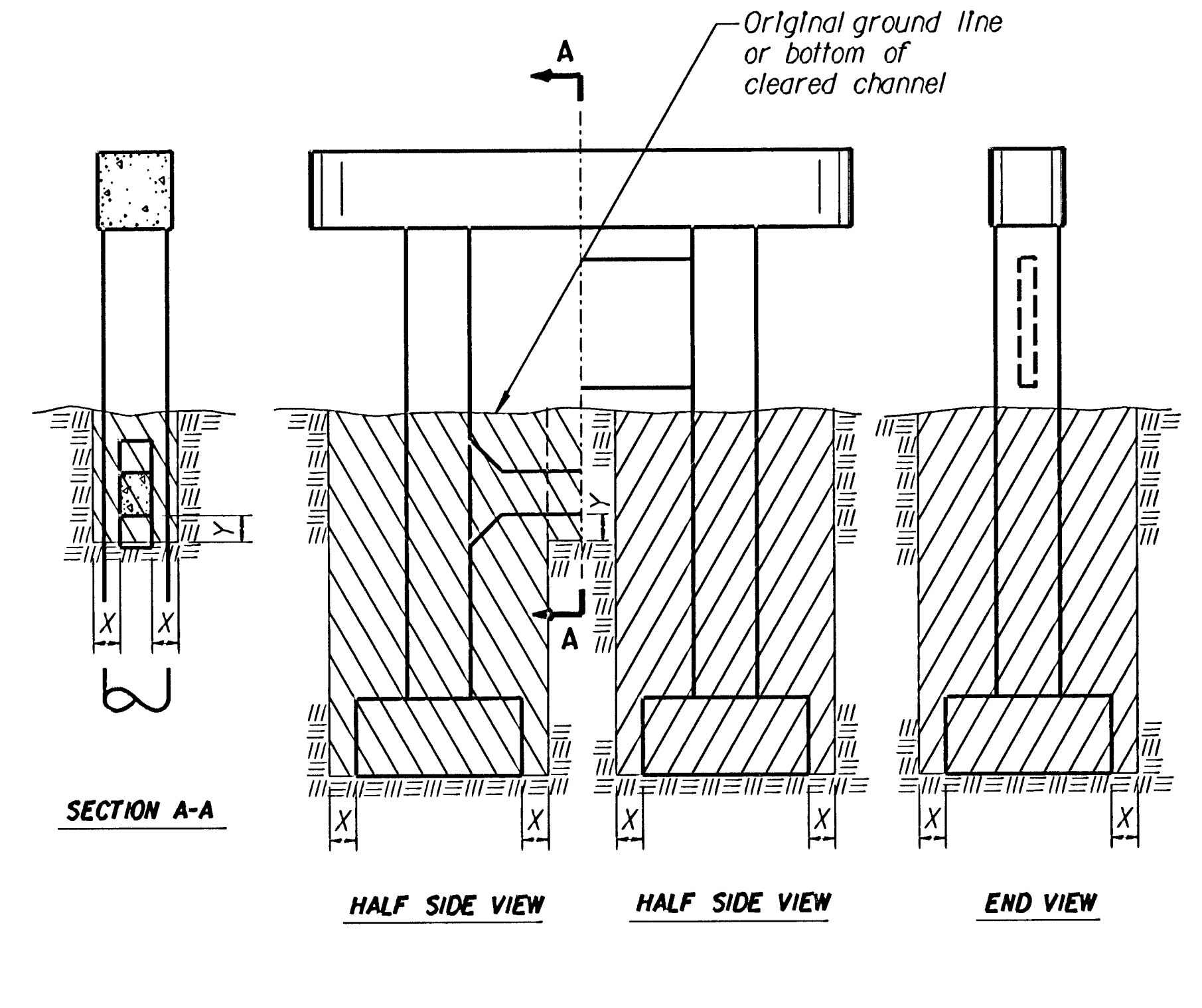
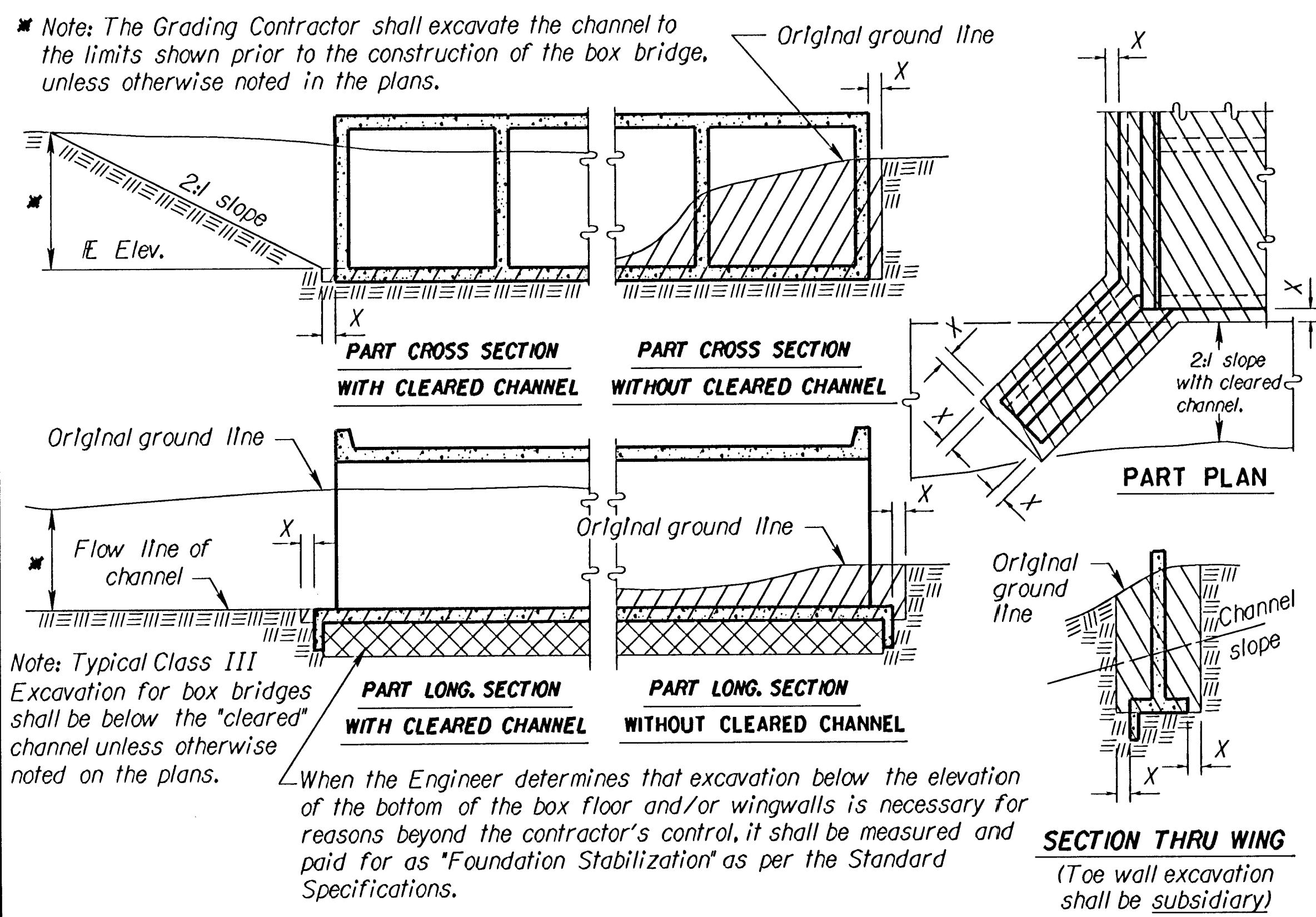




Note: All bridge excavation shall be computed on the basis of the cross-hatch areas and boundary lines indicated on this sheet and the Excavation Boundary Plane on the Construction Layout.

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 |
|-----|---------|--------------------------------|-----|-------|
| 6   | 4-10-02 | Added "Foundation Stab." Note  | RAM | KFH   |
| 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                   |            |            |                  |
| BRIOO                               | 4-19-02    | APP'D      | KENNETH F. HURST |
| DESIGNED                            | DETAILED   | QUANTITIES | CADD             |
| DESIGN CR.                          | DETAIL CR. | QUAN. CR.  | CADD CR.         |

Std. Base File: br100.dgn  
Plotted By: RAS  
File: i:\966\96940\002\offsitecheck\standards\br100.dgn  
Plot Date: 2-3-2004