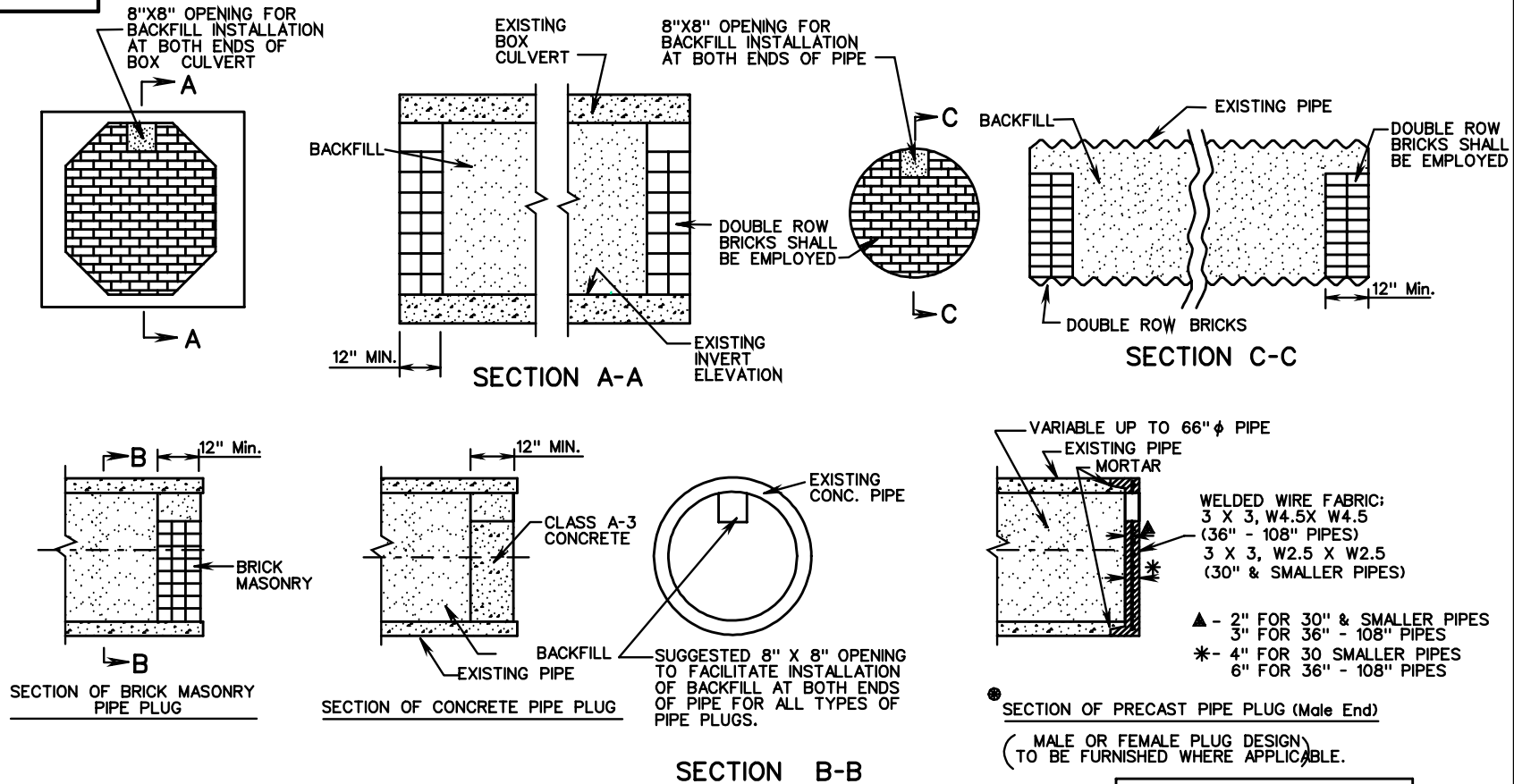


PP-1



NOTES:

BACKFILL IS TO BE EITHER FLOWABLE BACKFILL OR FINE AGGREGATE AS PER THE SPECIFICATIONS AND IS TO BE PAID AS CUBIC YARDS OF FLOWABLE BACKFILL.

FOR PLACEMENT OF STRUCTURES, SEE ROADWAY PLAN SHEETS.

CONCRETE BRICK MAY BE USED IN LIEU OF CLAY BRICK. JUMBO BRICK WILL BE PERMITTED.

● PRECAST NOTES :

CONCRETE TO BE 4000 P. S. I. MIN. COMPRESSIVE STRENGTH.

CONCRETE AND REINFORCING STEEL SHALL BE IN ACCORDANCE WITH AASHTO M170.

DETAIL SHOWN FOR PRECAST PLUG IS REPRESENTATIVE ONLY, OTHER MANUFACTURER'S DESIGN WILL BE ACCEPTABLE UPON APPROVAL BY THE ENGINEER.

| QUANTITIES | | |
|------------|---------------------------------|----------------------------|
| PIPE SIZE | CU.YDS BACKFILL PER LINEAR FOOT | CU.YDS PER EACH CONC. PLUG |
| 12" | 0.029 | .013 |
| 15" | 0.045 | .029 |
| 18" | 0.065 | .049 |
| 24" | 0.116 | .100 |
| 30" | 0.182 | .166 |
| 36" | 0.262 | .246 |
| 42" | 0.356 | .340 |
| 48" | 0.465 | .449 |
| 54" | 0.589 | .573 |
| 60" | 0.727 | .711 |
| 66" | 0.880 | .864 |
| 72" | 1.047 | 1.031 |
| 78" | 1.229 | 1.213 |
| 84" | 1.425 | 1.409 |
| 90" | 1.636 | 1.620 |
| 96" | 1.862 | 1.846 |
| 102" | 2.102 | 2.086 |
| 108" | 2.356 | 2.340 |



ROAD AND BRIDGE STANDARDS

DETAILS FOR BACKFILLING ABANDONED CULVERTS

SPECIFICATION REFERENCE

SHEET 1 OF 1

REVISION DATE

VIRGINIA DEPARTMENT OF TRANSPORTATION

107.23