



Concrete Systems Inc.
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PRECAST BOX CULVERT SINGLE CELL W/SEPARATE TOP SLAB

GENERAL NOTES:

1. REFERENCE STANDARDS:

AASHTO "LRFD BRIDGE DESIGN SPECIFICATIONS"
ASTM C1786

2. DESIGN PARAMETERS:

LIVE LOAD: AS SPECIFIED

EARTH COVER: PER JOB CONDITIONS

CONCRETE: DESIGN STRENGTH $F'_c = 5000$ PSI

UNIT WEIGHT = 150 PCF

REINFORCING: ASTM A615 (REBAR) GR 60

ASTM A1064 (WWF) $F_y = 65$ KSI

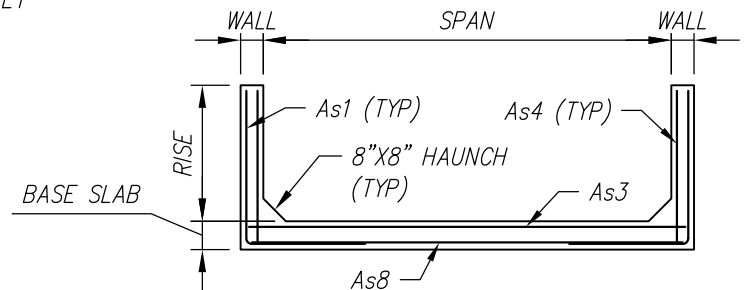
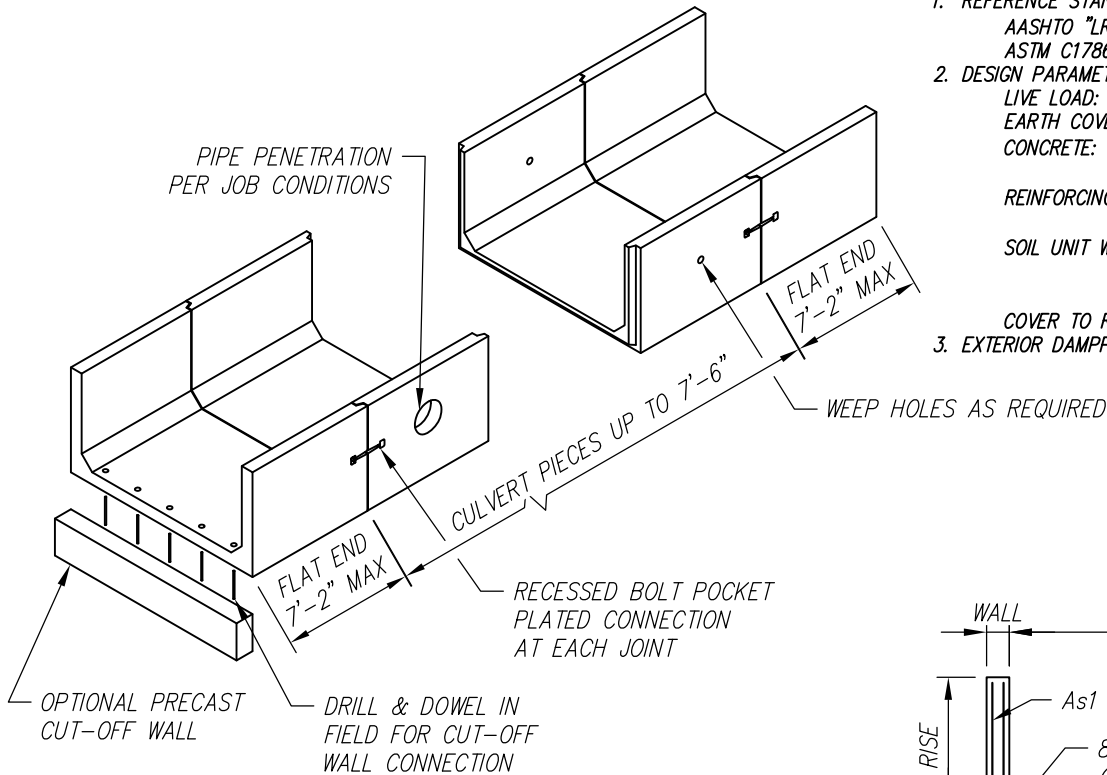
SOIL UNIT WEIGHT = 120 PCF

MINIMUM LATERAL PRESSURE = 30 PCF

MAXIMUM LATERAL PRESSURE = 60 PCF

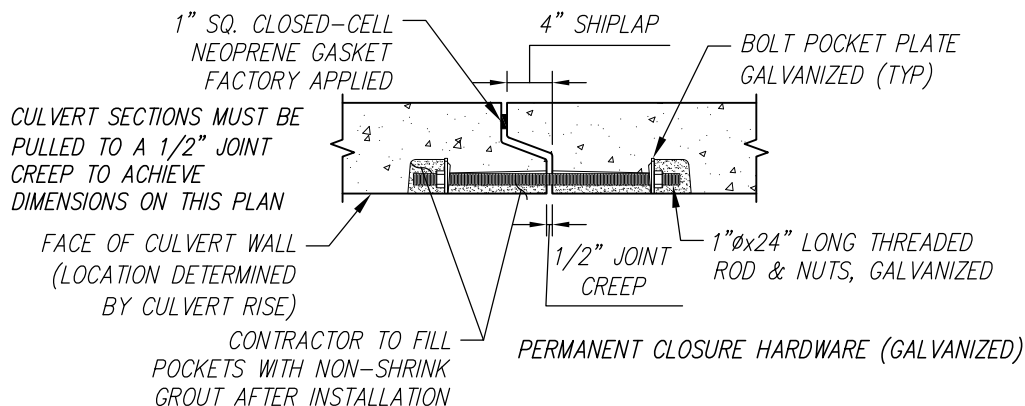
COVER TO REINFORCING: 1 1/2" U.N.O.

3. EXTERIOR DAMPPROOFING CAN BE SUPPLIED BY CSI.



REINFORCING SECTION

Scale: N.T.S.



CONNECTION HARDWARE DETAIL

Scale: N.T.S.