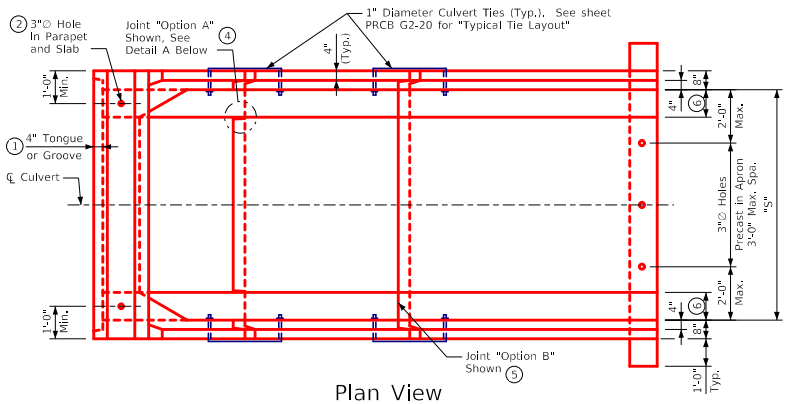
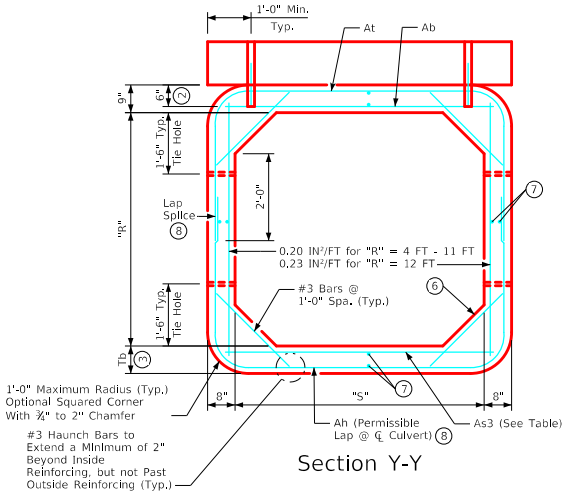
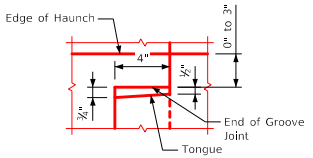


Plan View

(Reinforcement not Shown)

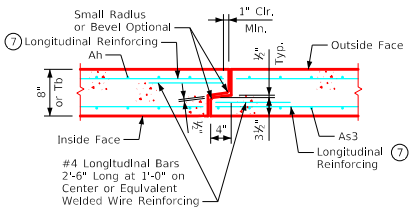


Section Y-Y

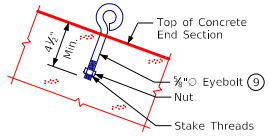


Detail A

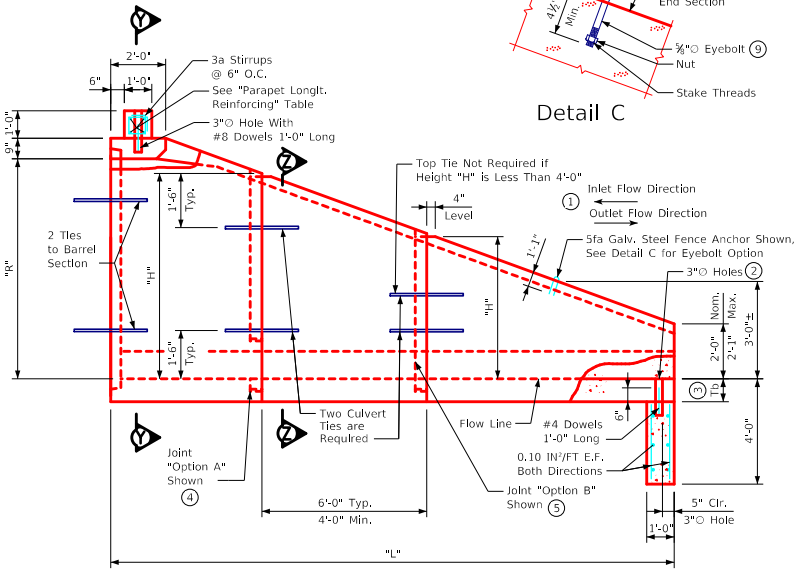
(Detail Shown at Floor; Similar at Walls)



Tongue and Groove Joint Detail

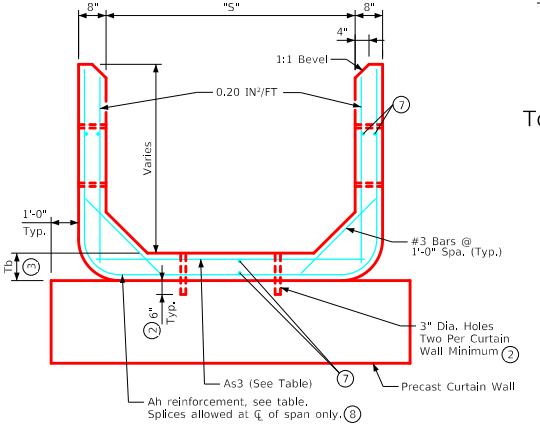


Detail C

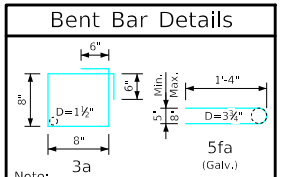


Side Elevation

Note:
L based on 3:1 foreslope.



Section Z-Z



Bent Bar Details

Note:
All dimensions are out to out.
D = pin diameter.

Note: See sheet PES 2-20-T1 for additional information and notes used in conjunction with this sheet.

LATEST REVISION DATE

APPROVED BY BRIDGE ENGINEER

IOWADOT Highway Division

Standard Design

Single Precast Reinforced Concrete Box Culverts

December, 2020

Type 1 End Section Details

For Skews up to 7.5°; 6' - 12' Spans

PES 1-20-T1

Sheet 1 of 2

ENGLISHSIGNEDPRECASTCULVERTS.DGN - PES 1-20-T1 S1 - THIS SHEET ISSUED 12-2020.