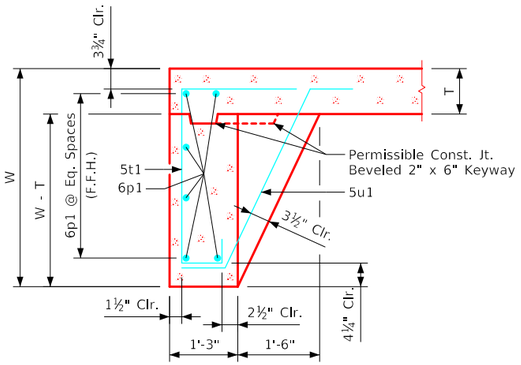
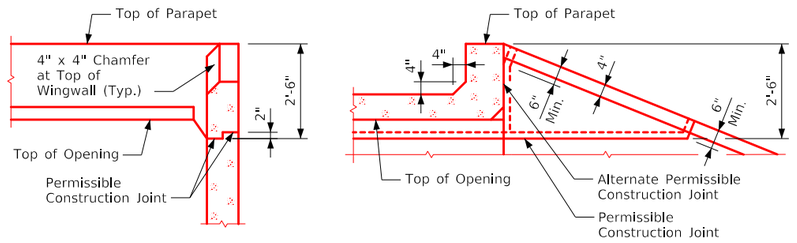


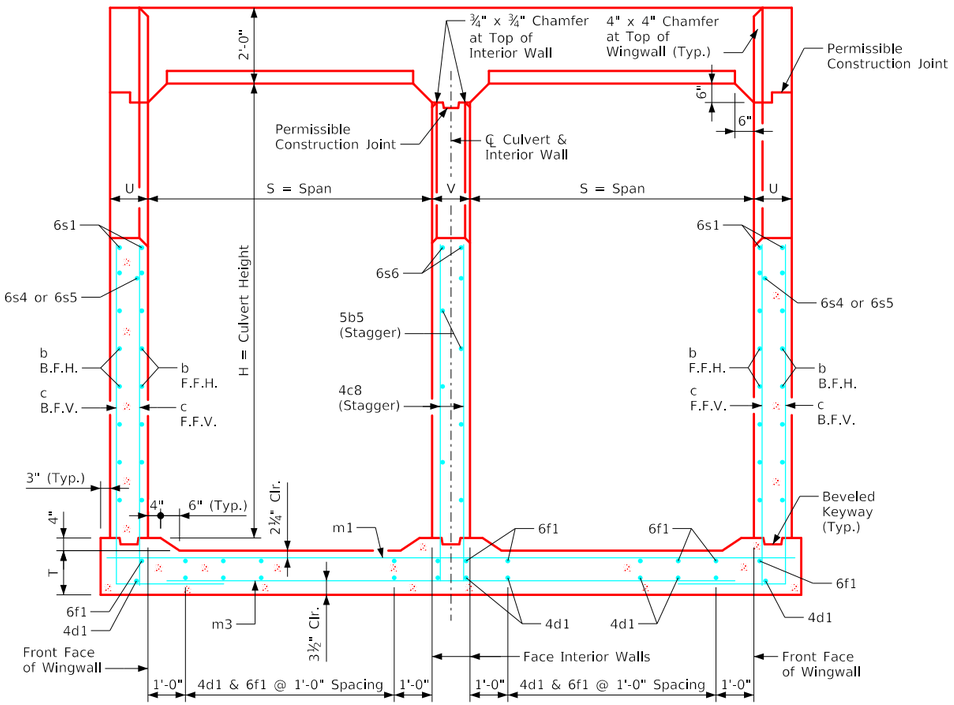
Section thru Parapet



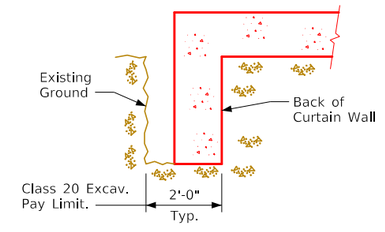
Section thru Curtain Wall



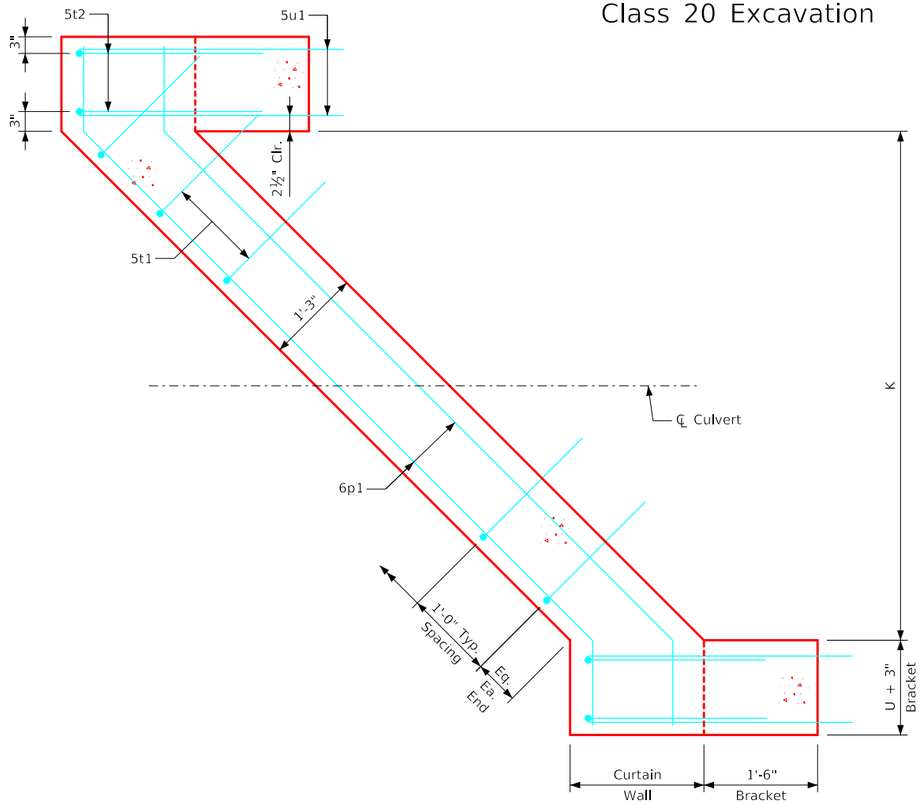
Top of Wingwall Details



Typical Cross Section - thru Headwall



Curtain Wall
Class 20 Excavation



Curtain Wall Detail - Plan View
(Apron is not shown)

Notes:

1. See Sheet TWRCB G2-20 for General Notes, Specifications, and Design Stresses.
2. For dimension table see Sheet TWPWH 45-2-20.

August 2022
LATEST REVISION DATE

APPROVED BY BRIDGE ENGINEER

IOWADOT

Standard Design - Twin Reinforced Concrete Box Culverts

Parallel Wing Headwalls

July, 2020

Cross Section Details 45° Skew	TWPWH 45-3-20

Revised 08-2022: Changed chamfer at top of Interior Wall to 3/4" x 3/4" (was 4" x 4").
ENGLISHLRFDSIGNEDTWINCULVERTS.DGN - TWPWH 45-3-19 - THIS SHEET ISSUED 07-2020.