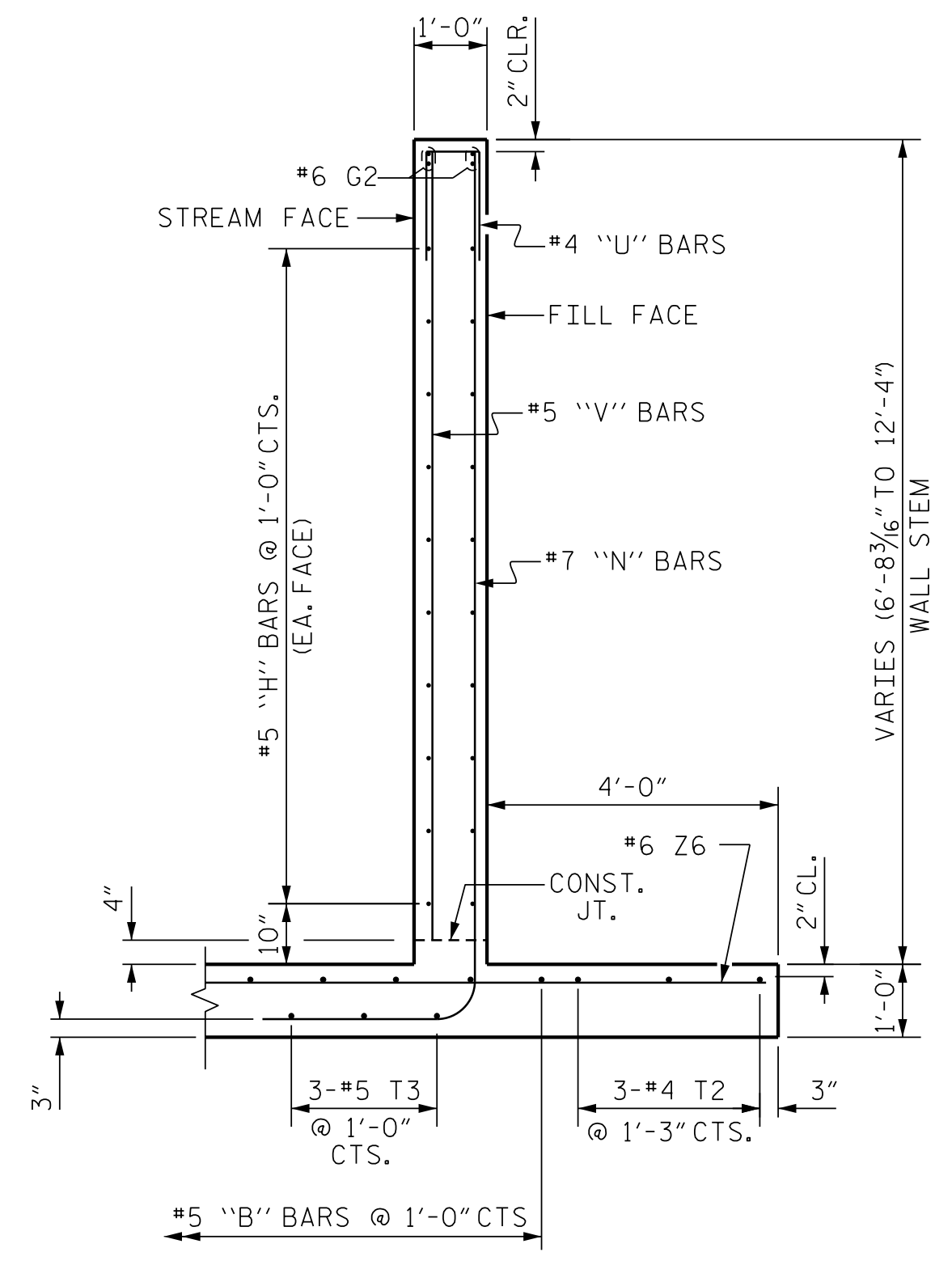
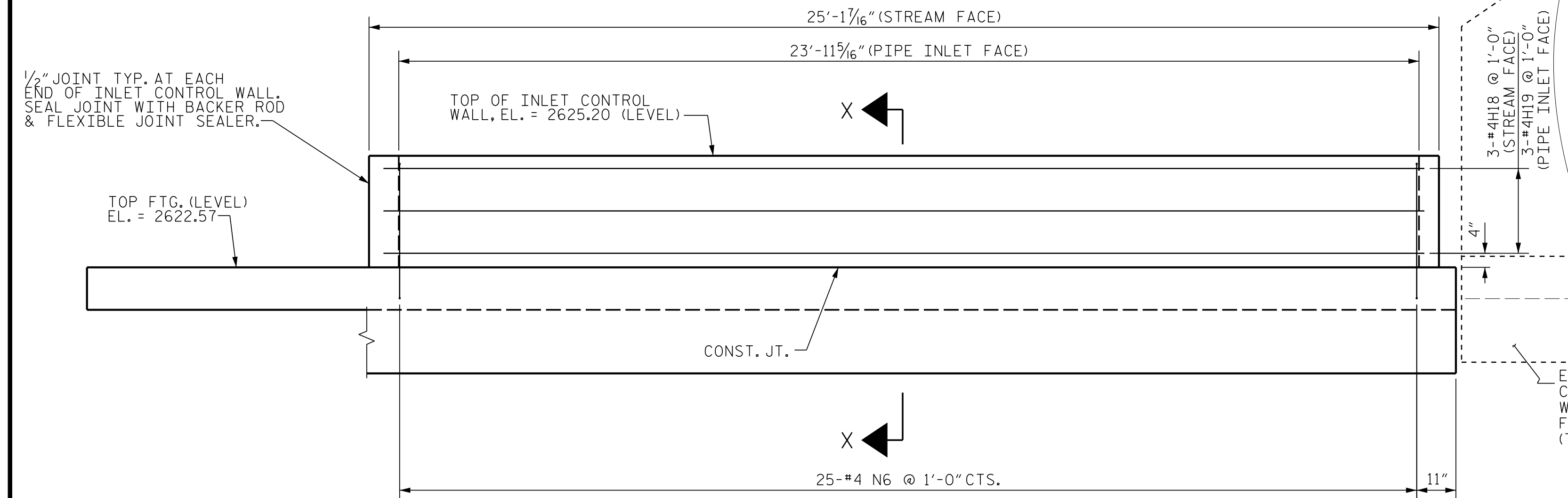


SECTION A-A: HEADWALL ELEVATION

WING AND INLET GRADE CONTROL WALL NOT SHOWN FOR CLARITY
 WALL FOOTING REINFORCING NOT SHOWN FOR CLARITY
 SHIFT #5 "V" BARS AS REQUIRED TO CLEAR PIPE INLET BEVEL

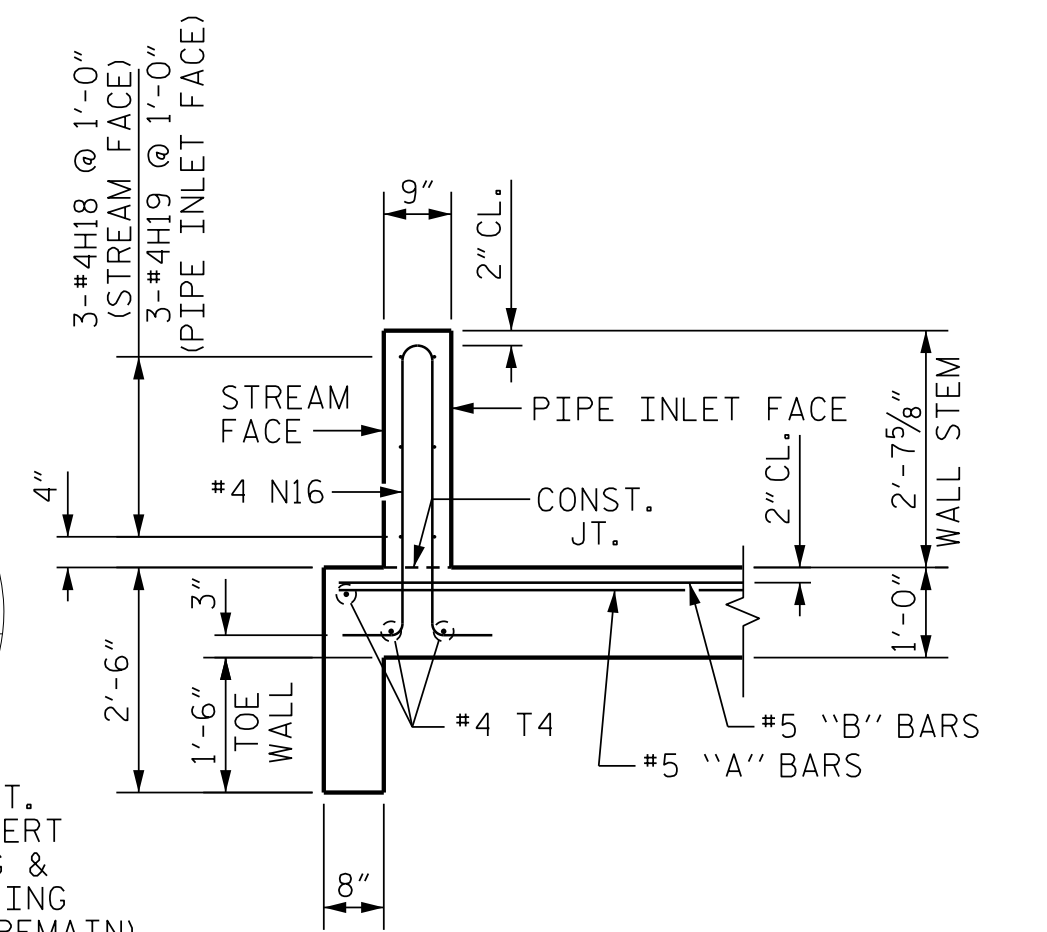


SECTION W-W

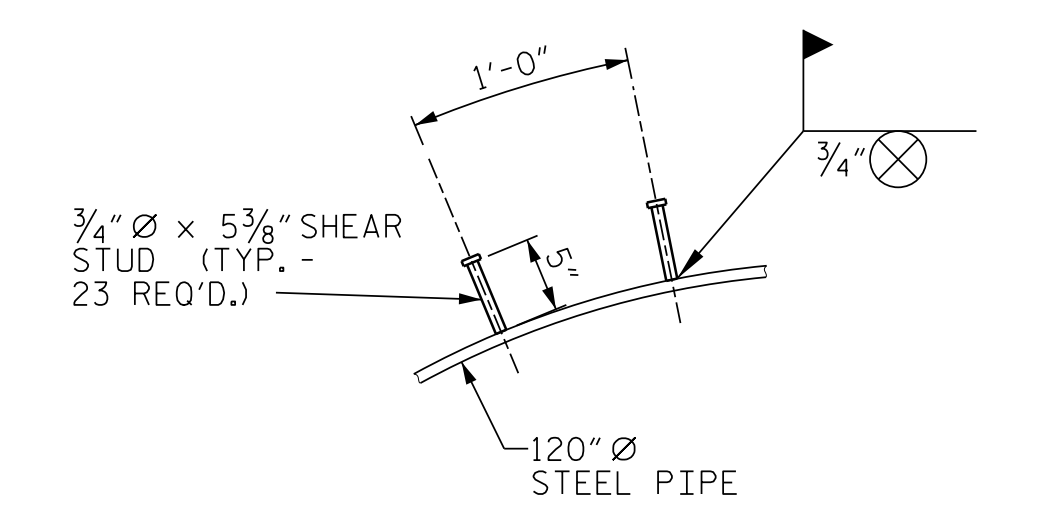


SECTION B-B: INLET GRADE CONTROL WALL ELEVATION

WING AND HEADWALL NOT SHOWN FOR CLARITY
 WALL FOOTING REINFORCING NOT SHOWN FOR CLARITY

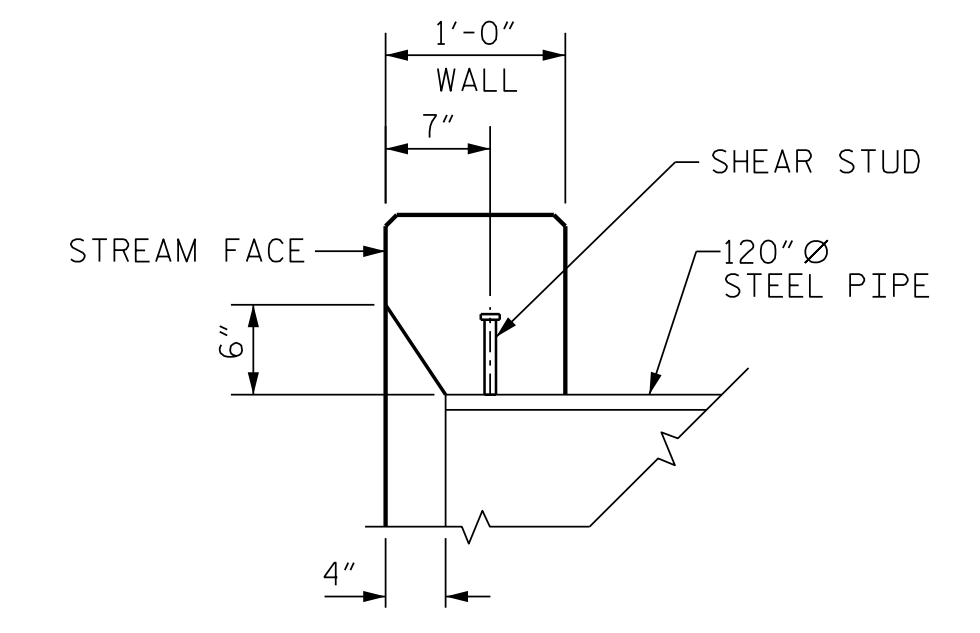


SECTION X-X



ANCHOR STUD DETAIL

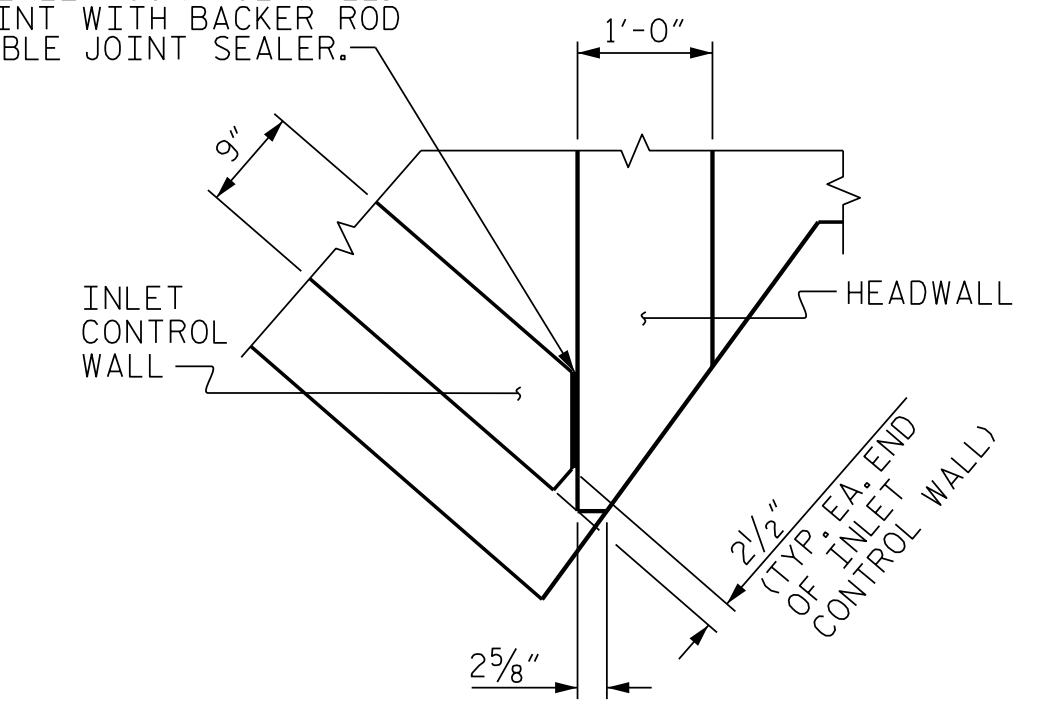
FIELD ATTACH SHEAR STUDS TO TOP TWO-THIRDS OF PIPE. LOCATE STUDS 7" FROM STREAM FACE OF WALL.



BEVELLED INLET DETAIL

NO BEVEL REQUIRED AT BOTTOM OF PIPE. TAPER BEVEL WIDTH FROM 6" AT 1/2 HEIGHT OF PIPE TO NO BEVEL AT BOTTOM OF PIPE.

1/2" JOINT TYP. AT EACH END OF INLET CONTROL WALL. SEAL JOINT WITH BACKER ROD & FLEXIBLE JOINT SEALER.



WALL CHAMFER DETAIL

USE AT ACUTE END OF INLET CONTROL WALL AND HEADWALL



Designed by:
 John T. Diffie III
 3/7/2024

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TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
 CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

HEADWALL FOR 120" DIAMETER PIPE (INLET END) SHEET 2 OF 5

ORIGINAL BY: T. DIFFEE DATE: 11-23
 MODIFIED BY: DATE: _____
 CHECKED BY: J. DILWORTH DATE: 11-23
 FILE SPEC.: _____