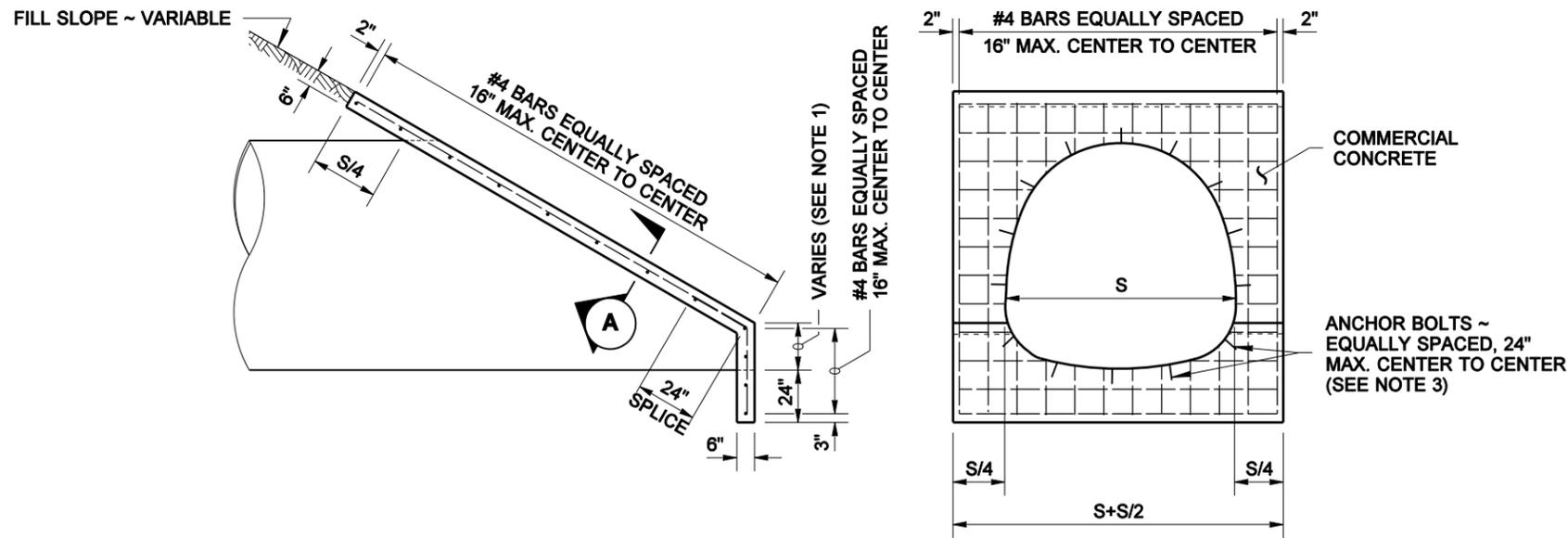


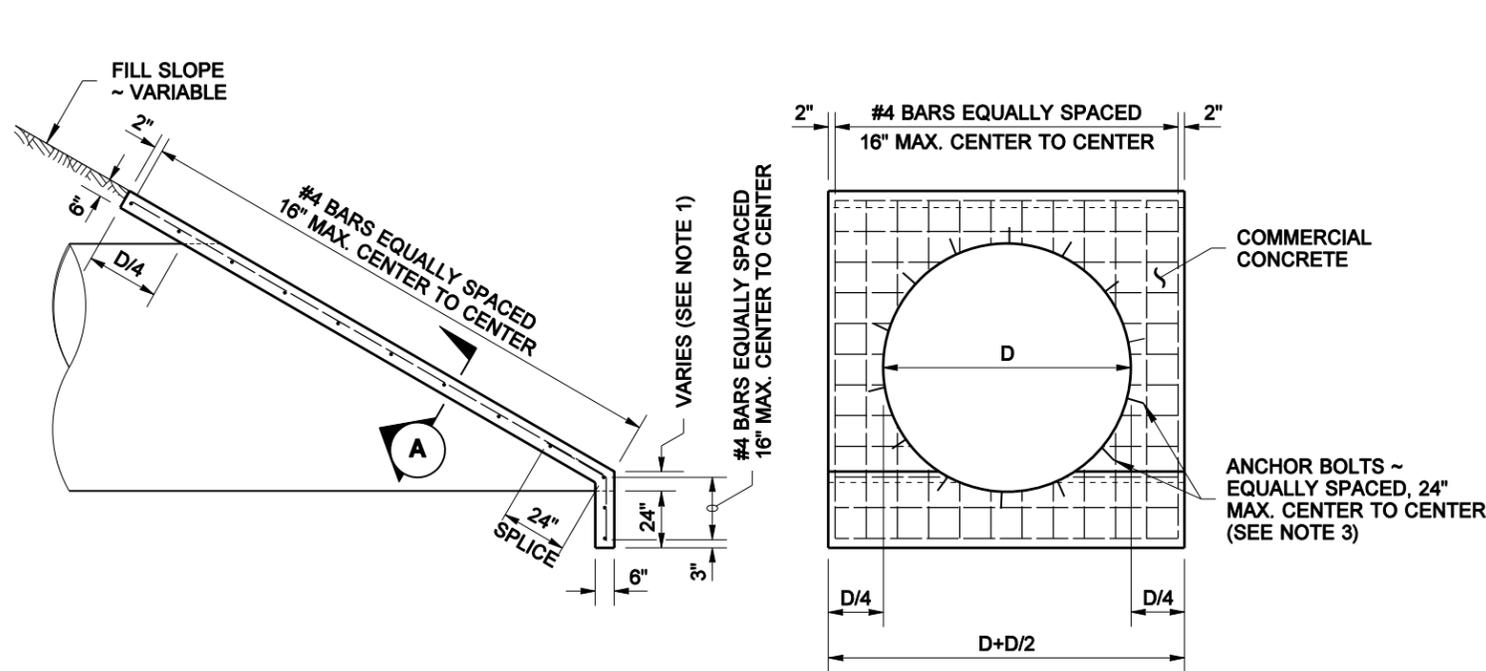
DRAWN BY: LISA CYFORD



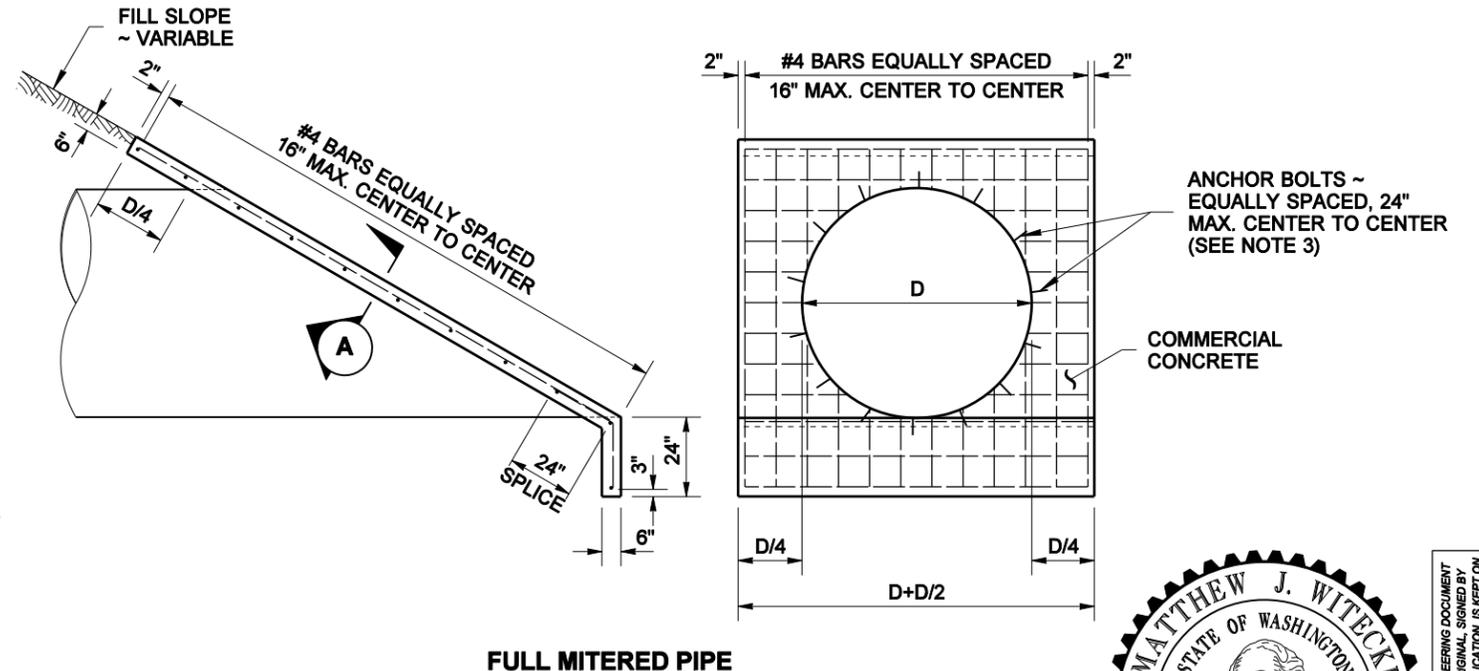
STRUCTURAL PLATE PIPE ARCHES AND UNDERPASSES

NOTES

1. The variable dimension indicated for the height of step for step mitered pipes shall conform to the manufacturers recommendations unless specified differently on the plans or in the Special Provisions.
2. Reinforcing steel shall have 1 1/2" min. clear cover to all concrete surfaces.
3. Headwalls for concrete culvert pipe may omit anchor bolt attachment.
4. When steel pipe safety bars are used, headwall thickness shall be increased to 8".

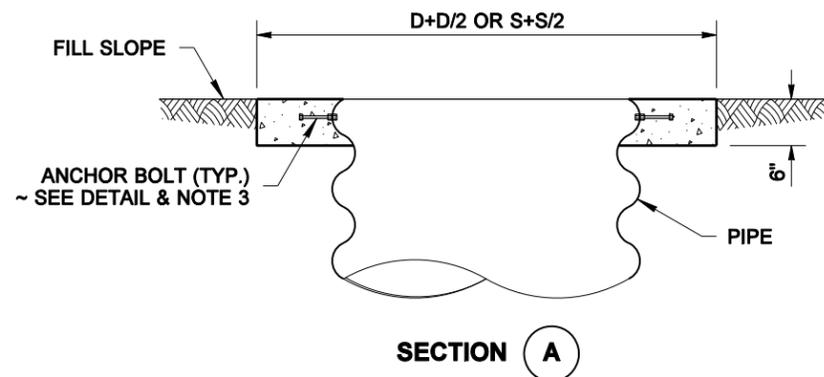


STEP MITERED PIPE

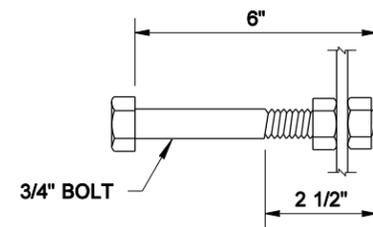


FULL MITERED PIPE

PIPES AND STRUCTURAL PLATE PIPES



SECTION A



ANCHOR BOLT DETAIL



EXPIRES JULY 1, 2009

NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT UNLESS IT IS APPROVED AND SIGNED BY THE ENGINEER AND APPROVED FOR BY THE CHIEF OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

HEADWALLS FOR CULVERT PIPE AND UNDERPASS

STANDARD PLAN B-75.20-01

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

Pasco Bakotich III 06-10-08

STATE DESIGN ENGINEER

DATE



Washington State Department of Transportation