


NOTES:

1. ALL CONCRETE SHALL BE A MINIMUM OF 6.25 SACKS OF TYPE II CEMENT (588 POUNDS PER CUBIC YARD OF CONCRETE) WITH FIBERMESH AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS; AIR ENTRAINMENT TO BE 4.5–7.5%. REINFORCING SHALL CONSIST OF COLLATED, FIBRILLATED, POLYPROPYLENE FIBERS AS MANUFACTURED BY FIBERMESH OR APPROVED EQUAL AND SHALL BE ADDED AT A RATE OF 1½ LBS PER CUBIC YARD OF CONCRETE.
2. ALL STEEL CONNECTIONS SHALL BE WELDED ¼" FILLET UNLESS OTHERWISE NOTED.
3. PROVIDE 8" DIAMETER HOLE AT ENDS FOR DRAINAGE OF CONCRETE BOX.
4. ALL NAILING TO BE WITH 20d NAILS.
5. STRUCTURE WIDTH CAN BE MADE IN ANY MULTIPLE OF THE GRATE WIDTH.
6. MANUFACTURED, APPROVED EQUAL CATTLE GUARD BY HEATON STEEL SUPPLY OF KLAMATH.

DATE	REVISIONS		STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION NUMBER:	
				STEEL CATTLE GUARD	100
				NOTES	DRAWING NUMBER: W-152B
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