3/8-9-11 GAUGE FLATTENED EXPANDED METAL TO COVER FACE OF GUARD FRAME & SPOT WELDED TO IT AT 6" O.C. TO ALL STRAPS & ANGLES.

NOTES:
1. PIPE GUARDS SHALL BE PLACED AT EACH END OF CANAL CROSSING.
2. ENTIRE GUARD ASSEMBLY TO BE HOT-DIP GALVANIZED AFTER FABRICATION, AND MOUNTING HARDWARE TO BE STAINLESS STEEL.
3. CENTER ANGLES ON 4" STEEL STRAP.
4. PROVIDE A 2" WIDE X 3" HINGED OPENING WITH LATCH FOR PADLOCK CENTER ACCESS OVER PIPE, ON ARV SIDE ONLY.
5. 1/2" THICK NEOPRENE PAD TO INSULATE PIPE FROM CONTACT WITH ALL MOUNTING HARDWARE, PIPE GUARD HARDWARE, AND CONCRETE SURFACES.

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1/2" DIA. DRILLED HOLE
3/8" X 2 1/2" STAINLESS STEEL BOLT & NUT
1/2" LOCK WASHER
3/8" X 4" STEEL STRAP

MAY BE BENT AS SHOWN OR WELDED & GROUND SMOOTH

ITEM CROSS REF. SPEC. REF.

PIPE GUARD (12" PIPE & LARGER) AND PIPE GUARD BOLT DETAIL

STANDARD DETAIL

GS

1.4

SHEET 1 OF 2