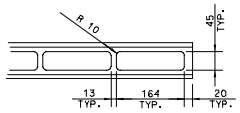
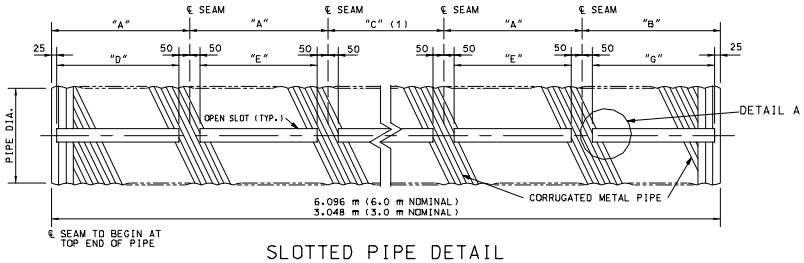
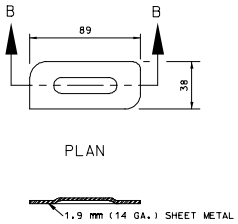


DRAIN GUIDE DETAIL



SLOTTED PIPE DETAIL

(1) FOR STANDARD 3.0 m, 300 mm DIA. PIPE, "C" = 0.



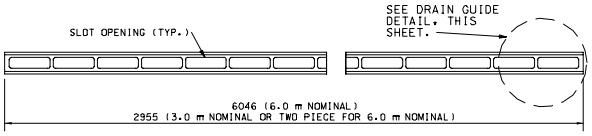
PLAN

SECTION B-B

LOCKING PLATE DETAIL

(2) LOCKING PLATE TO BE INSTALLED AT:

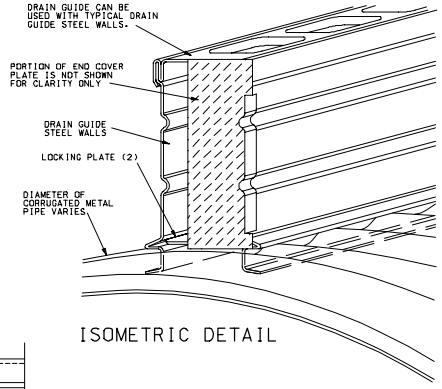
A. EACH END OF DRAIN GUIDE.
B. EACH SEAM.
C. EACH MID-POINT OF OPEN SLOT.



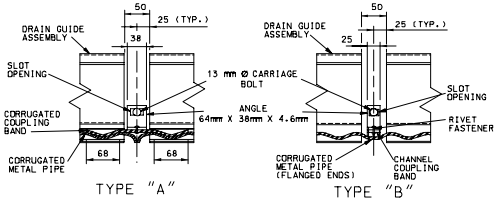
DRAIN GUIDE PLAN

DIMENSION SCHEDULE								LOCKING PLATES REQUIRED*	
PIPE DIA. mm	A mm	B_3 mm	C_3 mm	B_6 mm	C_6 mm	D mm	E mm	3048 mm	6096 mm
300	800	648	572	495	419	724	699	9	17
375	699	255	178	508	432	622	597	10	19
450	667	380	305	95	19	591	565	10	19
600	635	508	432	380	305	559	533	11	21
750	629	533	457	438	362	553	527	11	21
900	626	546	470	467	391	543	524	11	21

(3) IN 6.0 m SECTION FOR TWO PIECE DRAIN GUIDE, INCREASE NUMBER OF LOCKING PLATES BY TWO.

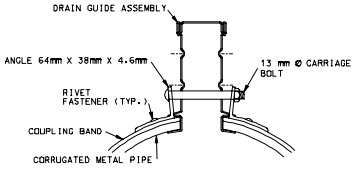


ISOMETRIC DETAIL

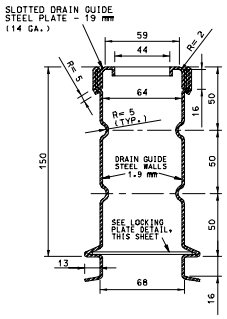


TYPE "A" TYPE "B"

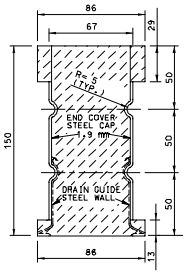
JOINT CONNECTION SECTION



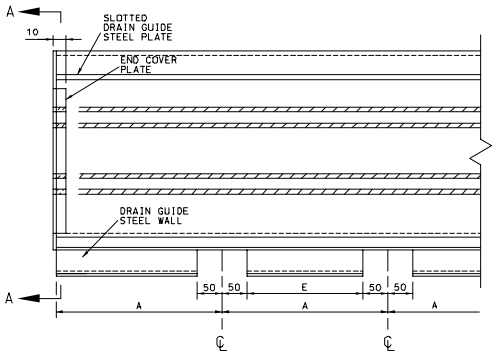
JOINT CONNECTION SECTION
(TYP. FOR JOINT CONNECTION SECTION TYPE "A" AND TYPE "B")



DRAIN GUIDE SECTION (TYP.)



SECTION A-A
END COVER
PLATE DETAIL



CUTOUT SLOT FOR DRAIN GUIDE WALLS TO FIT OVER CORRUGATED METAL PIPE SEAMS. (TYPICAL)

SIDE
ELEVATION

DRAIN DETAILS

TYPE A SLOTTED DRAIN
(FORMED SHEET)

GENERAL NOTES:

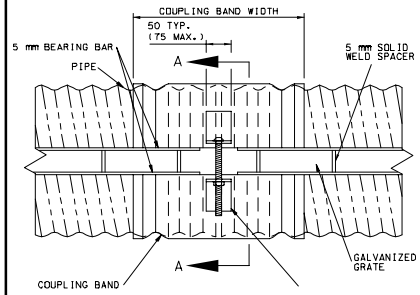
ALL DIMENSIONS SHOWN ARE IN mm UNLESS OTHERWISE NOTED.

MISSOURI HIGHWAY AND TRANSPORTATION COMMISSION

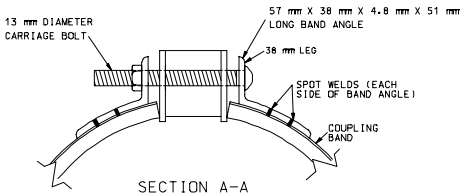
SLOTTED DRAIN

TYPE A

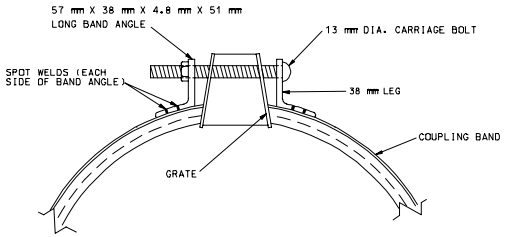
DATE:_____ EFFECTIVE: 02-01-1995 M604.70 1/2



TOP VIEW

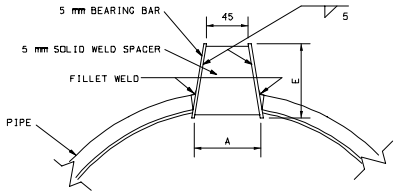


SECTION A-A

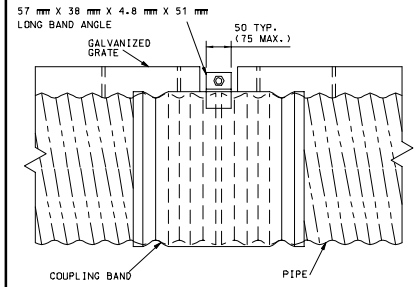


SECTION F-F

GRATE TYPE	E mm	A mm
C	64	57
C	150	76

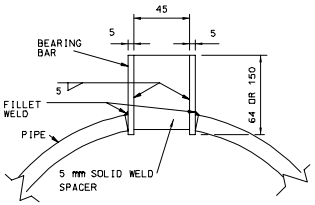


SECTION G-G

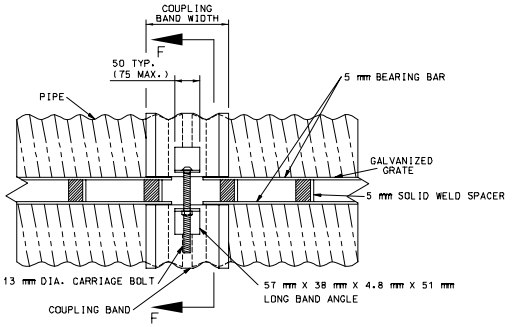


SIDE VIEW

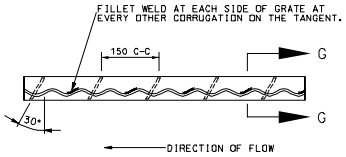
TYPICAL COUPLING BAND



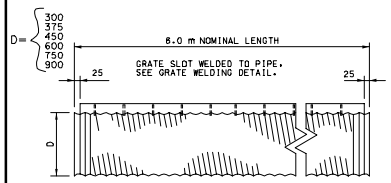
SECTION D-D



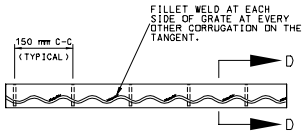
TOP VIEW



GRATE WELDING DETAIL



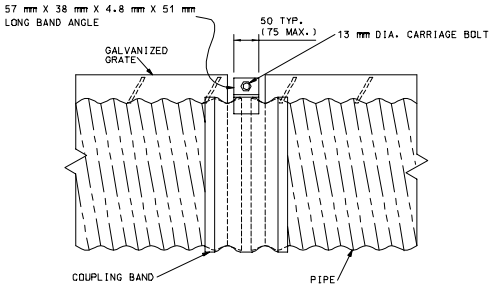
TYPICAL PIPE SECTION



GRATE WELDING DETAIL

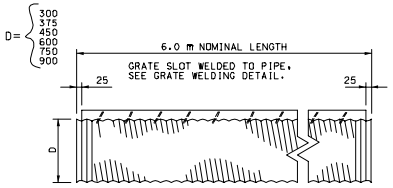
STRUCTURAL STEEL SLOTTED DRAIN

(TYPE B)



SIDE VIEW

TYPICAL COUPLING BAND



TYPICAL PIPE SECTION

STRUCTURAL STEEL SLOTTED DRAIN

(TYPE C)

GENERAL NOTES:

ALL DIMENSIONS SHOWN ARE IN mm UNLESS OTHERWISE NOTED.

MISSOURI HIGHWAY AND TRANSPORTATION COMMISSION

SLOTTED DRAIN

TYPE B AND TYPE C

DATE:_____ EFFECTIVE: 02-01-1995 M604.70 2/2