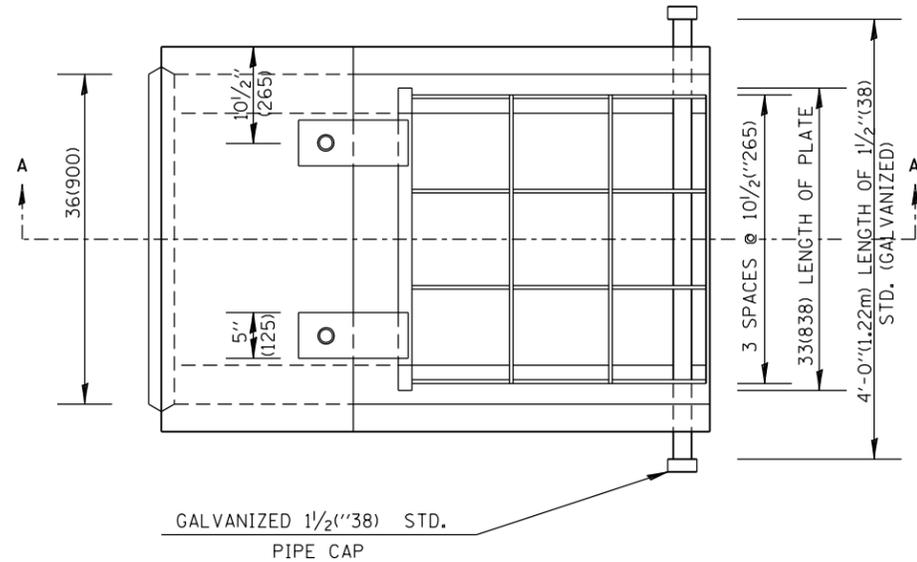
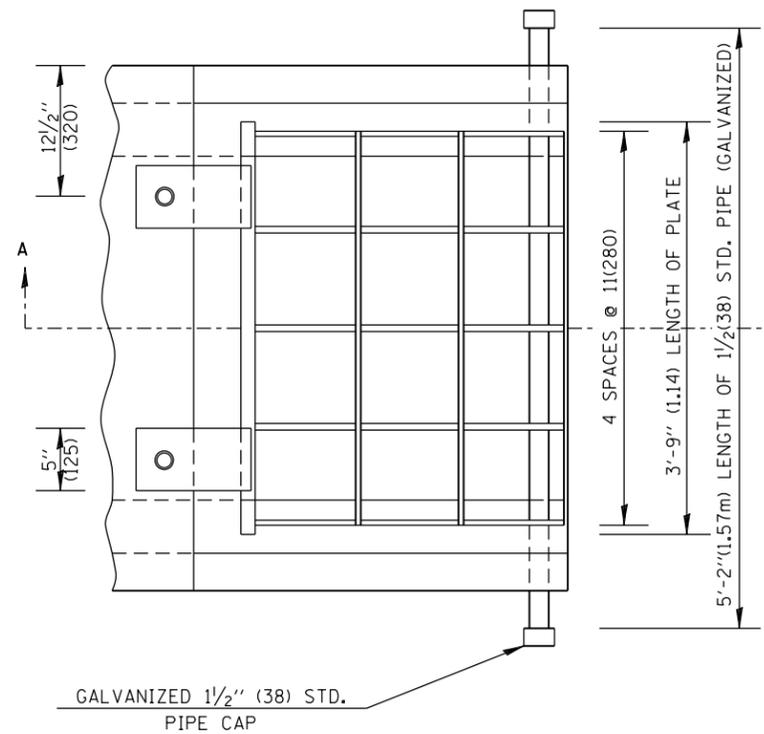


DESIGNER NOTES:
 1. ADD DISTRICT SPECIAL PROVISION: THE CONTRACT UNIT PRICE "EACH" FOR GRATING FOR PRECAST CONCRETE BOX CULVERT END SECTION OF THE SIZE INDICATED SHALL INCLUDE FABRICATION AND INSTALLATION OF THE GRATING AS DETAILED HEREON, IT SHOULD ALSO INCLUDE THE FABRICATION OF THE NECESSARY MOUNTING HOLES IN THE END SECTION. THE COST OF THE PRECAST CONCRETE BOX CULVERT END SECTION SHALL BE PAID FOR SEPARATELY.



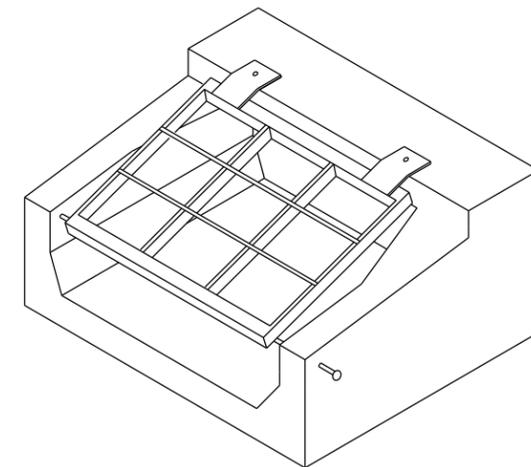
PLAN 36 x 36(900 x 900)



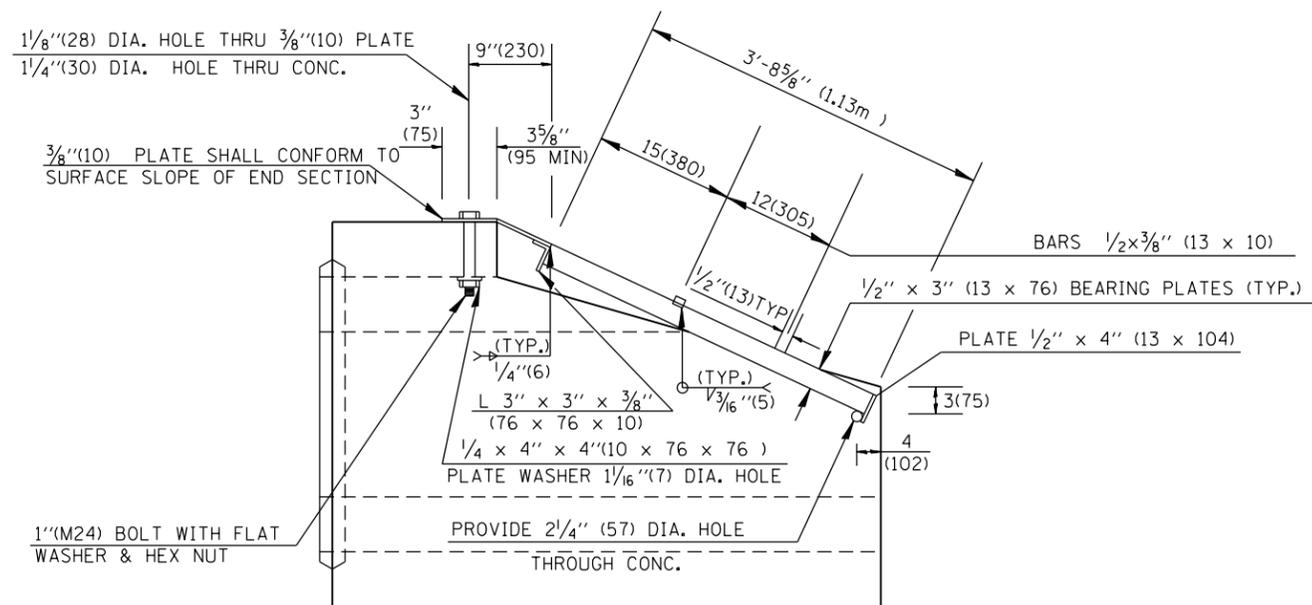
PLAN 4' x 4' (1200 x 1200)

GENERAL NOTES:

1. Grating details shown are intended for use with particular sizes of Precast Concrete Box Culvert End Sections.
2. Structural Steel Shapes and Plates shall be in accordance with Article 1006.04 of the Standard Specifications. Galvanized Steel Pipe shall be in accordance with Article 1006.27 (b) of the Standard Specifications.
3. Bolts, Nuts, and Washers shall be in accordance with Article 1006.27 (f) of the Standard Specifications. All Fabrication shall be completed and ready for assembly before galvanizing.
4. Holes in the Precast Concrete Box Culvert End Section shall be cored to the diameter noted. If cone-out on the other end of the hole occurs, the hole shall be filled with Grout to correct the diameter of the hole.



ISOMETRIC VIEW



SECTION A - A

All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. J-12.05, METRICS, NEW REVISION BOX, REVISED	T.P.				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GRATING FOR PRECAST BOX CULVERT END SECTION FOR 36 X 36 (900 X 900) & 4' X 4' (1.2m X 1.2m) BOXES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-16-06	REVISED TO 2007 SPEC.	M.A.							CONTRACT NO.			
									CADD STD. 540301-D4		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

NOT TO SCALE

CADD STD. 540301-D4