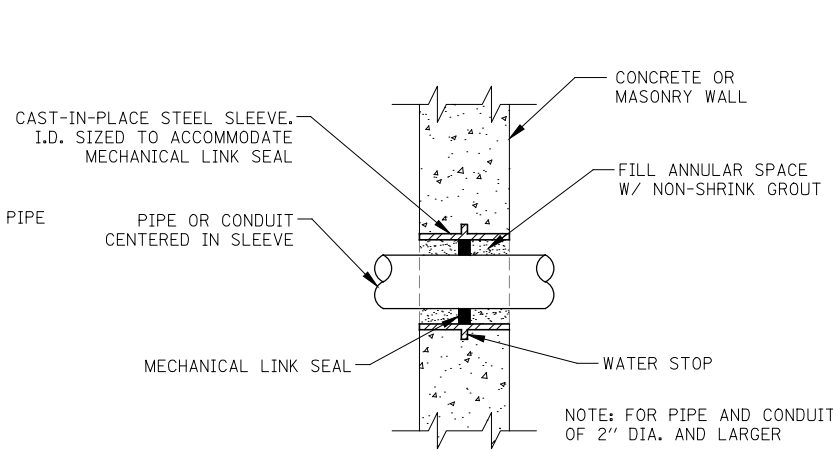
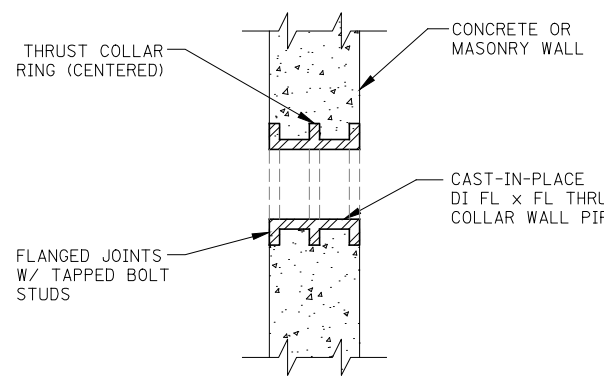


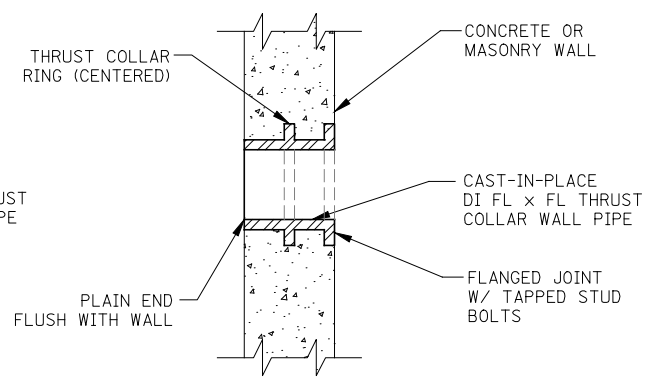
1 AIR/VACUUM VALVE
SCALE: NTS



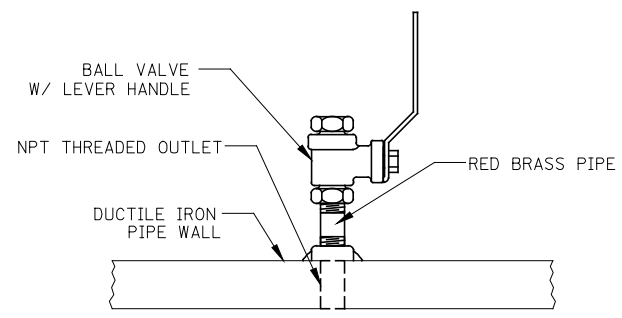
2 PIPE AND CONDUIT SEALED PENETRATION
SCALE: NTS



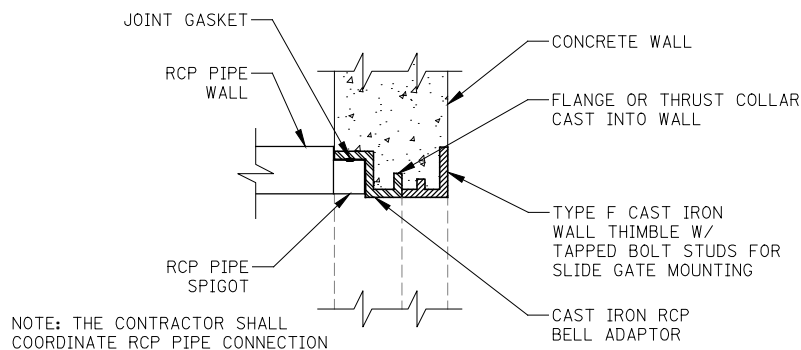
3 WALL PIPE CASTING (FL x FL)
SCALE: NTS



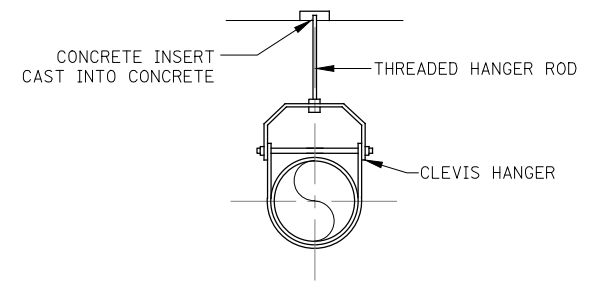
4 WALL PIPE CASTING (PE x FL)
SCALE: NTS



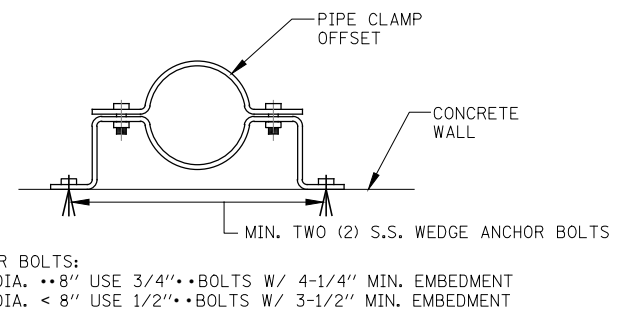
5 CORPORATION STOP
SCALE: NTS



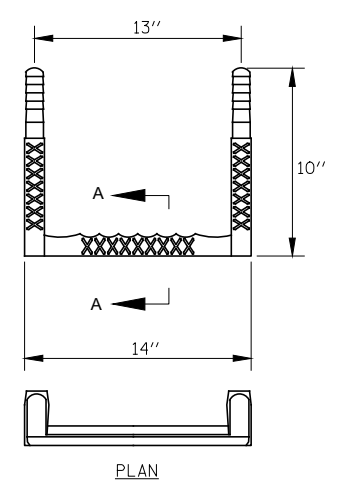
6 WALL CASTING CONNECTION
SCALE: NTS



7 PIPE HANGERS
SCALE: NTS

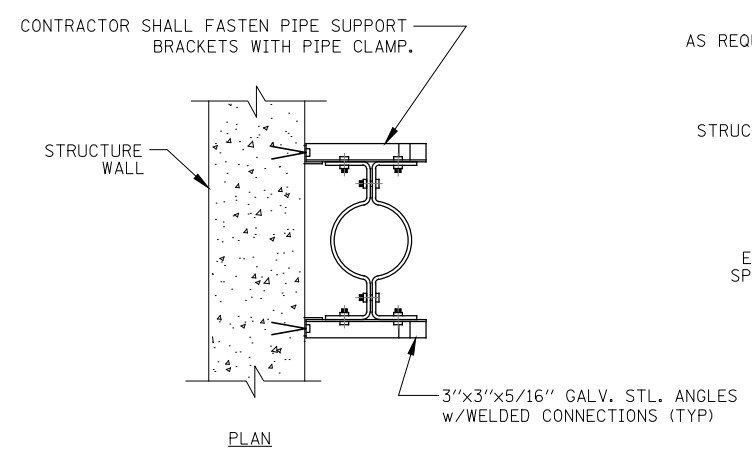
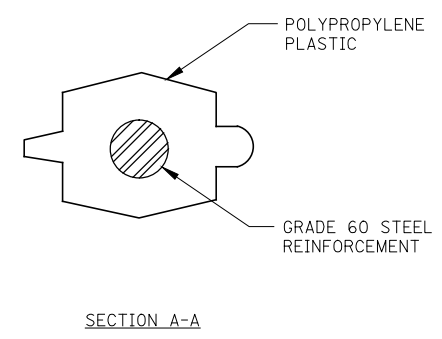
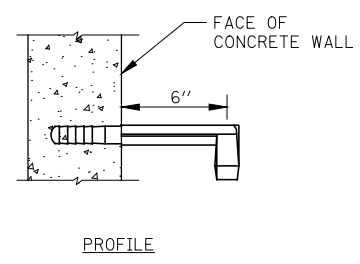


8 PIPE SUPPORT-1
SCALE: NTS

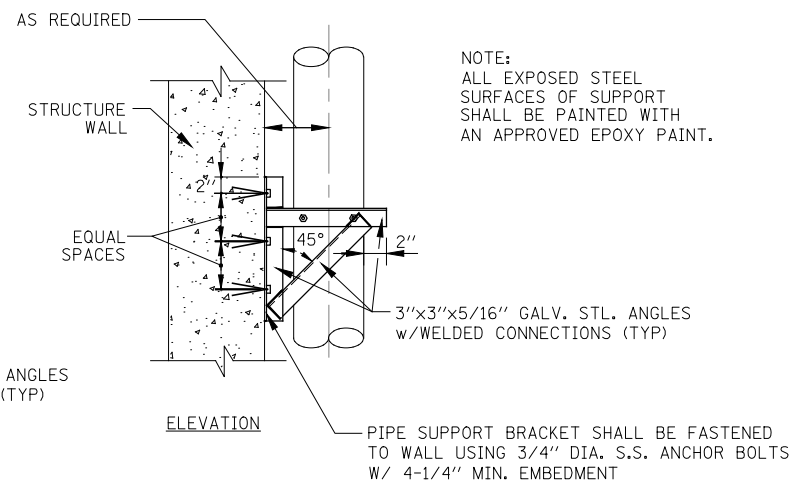


- NOTES:
- STEPS SHALL BE PLACED AS SHOWN ON DRAWINGS. PLACEMENT SHALL BE DURING CONSTRUCTION PER THE MANUFACTURER'S INSTRUCTIONS.
 - STEPS SHALL BE MANUFACTURED BY M.A. INDUSTRIES, OR APPROVED EQUAL.

9 STEPS
SCALE: NTS



10 PIPE SUPPORT-2
SCALE: NTS



DESIGNED	DF	REVISED	-
CHECKED	APF	REVISED	-
SCALE	DRAWN DF	REVISED	-
DATE	03/22/2012	CHECKED	APF
		REVISED	-

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338/IL 59	2011-035-I	DUPAGE	181	117
CONTRACT NO. 60P41				
ILLINOIS FED. AID PROJECT				