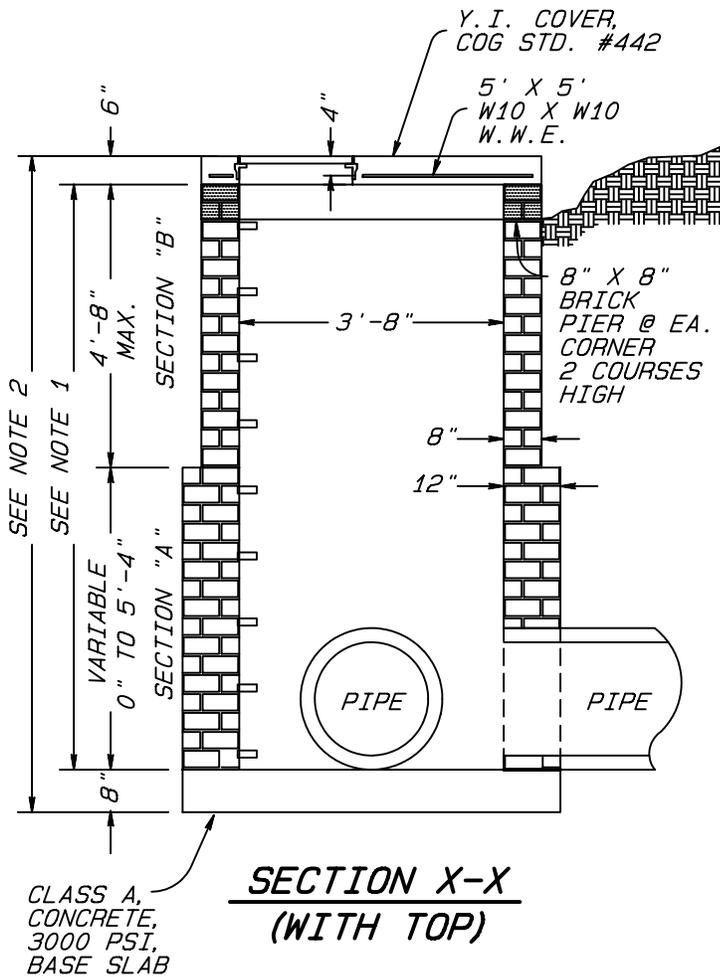


**PLAN
(WITHOUT TOP)**



**SECTION X-X
(WITH TOP)**

CLASS A,
CONCRETE,
3000 PSI,
BASE SLAB

8" WALL DEDUCTIONS FOR (1) PIPE CY		
PIPE SIZE	CM	RC
30"	0.139	0.185
36"	0.195	0.263
12" WALL DEDUCTIONS FOR (1) PIPE CY		
PIPE SIZE	CM	RC
30"	0.181	0.279
36"	0.261	0.390
QUANTITIES		
BASE (CY)	H (CY PER FT HT)	PIERS (CY EA)
0.620	8" wall (.430)	0.006
	12" wall (.642)	

NOTES:

- FOR YARD INLETS OVER 4'-8" VERTICAL WALL DEPTH, THE BRICK MASONRY WALL THICKNESS WILL BE 12" BEGINNING AT 4'-8" DEEP.
- SECTION "B" OF THE PROPOSED WALL SHALL BE 8" THICK. SECTION "A" SHALL BE 12" THICK.
- IF PROP. STRUCTURE EXCEEDS 12'-0" VERT. HEIGHT A DESIGN WILL BE REQ. FOR APPROVAL.
- BRICK MASONRY CAN BE COMMON CLAY BRICK, JUMBO BRICK OR CONC. BRICK.
- ALL MORTAR JOINTS ARE TO BE 1/2".
- CONC. BOTTOMS, WALLS, & PIERS SHALL BE PAID AS MASONRY DRAIN. STRUCTURE.
- CONC. COVER TO BE PAID AS FURNISH & INSTALL 5' X 5' YARD INLET COVER, SEE COG STD. #442.
- YARD INLETS OVER 3'-6" IN DEPTH SHALL PROVIDE STEPS 16" ON CENTER. STEPS SHALL BE IN ACCORDANCE WITH COG STD. #414. STEPS WILL BE IN ALIGNMENT WITH THE LOCATION OF THE RING & COVER IN THE COG STD. #442 YARD INLET COVER.
- WHEN CONSTRUCTING THIS STRUCTURE OVER AN EXIST. PIPE LINE, SAW CUT & REMOVE A SECTION OF PIPE EQUAL TO THE INSIDE DIAMETER OF THE STRUCTURE. POUR A NEW BOTTOM AS SHOWN AND CONSTRUCT THE NEW STRUCTURE. NEW STRUCTURES ARE NOT TO BE BUILT ON TOP OF THE PIPE.

FOR PRECAST CONCRETE MODELS OF THIS STRUCTURE, THE MANUFACTURER SHALL STAMP OR STENCIL ITS LOGO OR NAME ON THE INSIDE AND OUTSIDE OF THE STRUCTURE.

CITY OF GREENSBORO

**STANDARD 5' X 5' BRICK MASONRY
YARD INLET**

STD. NO.

441

REV.

08-02
12-07