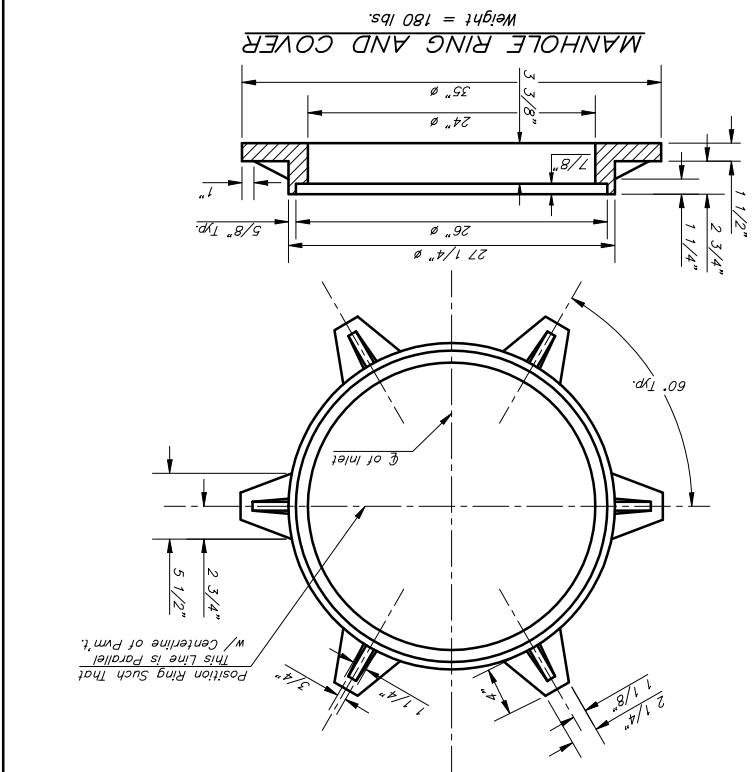


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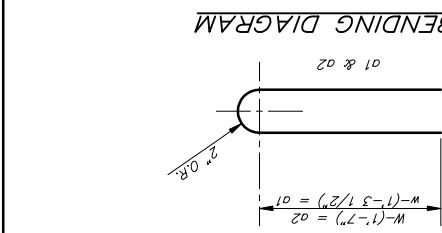
REVISIONS: NONE
 DATE: 04/06
 APPROVED: [Signature]
 DESIGN: [Signature]
 DRAWN: [Signature]

PROJECT NUMBER: 417284250
 CITY OF WICHITA STANDARD TYPE 1A
Curb Inlet Details
 Baughman Company, P.A. 315 West St. Wichita, KS 67211 316-262-7271 316-262-0100

ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE



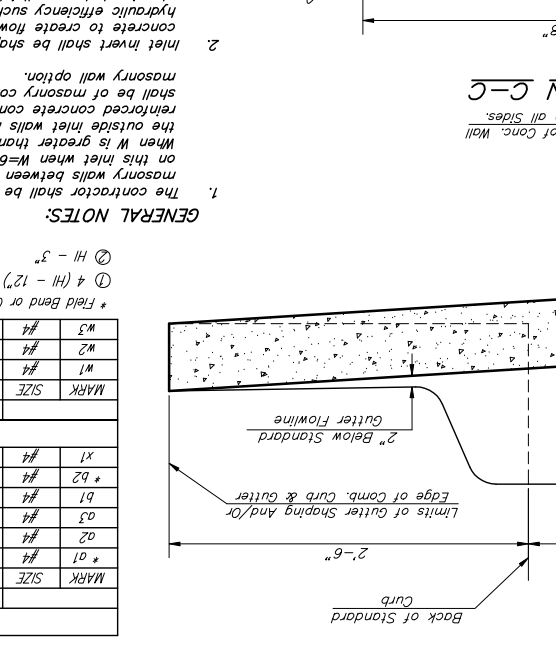
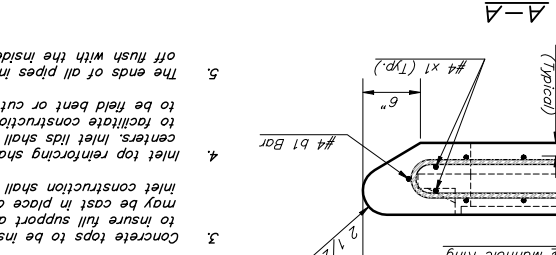
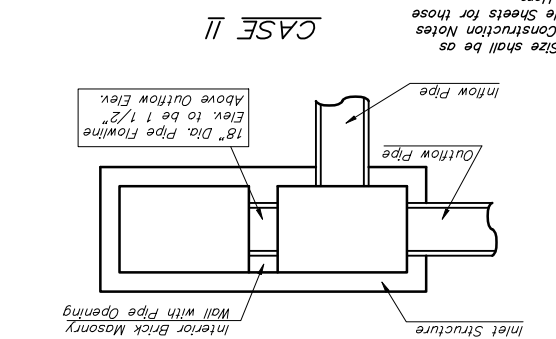
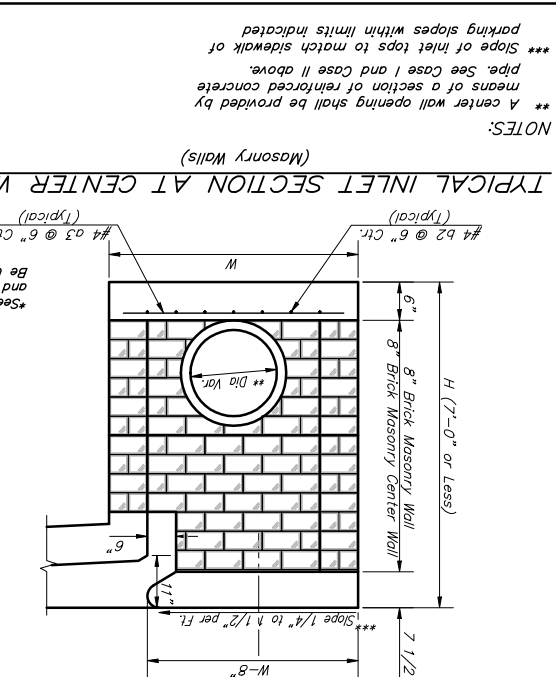
W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
4'-4"	3'-8" 11'-4" 7 1/2"	21" & SMALLER	0.837
5'-4"	4'-8" 11'-4" 7 1/2"	24" & 30"	1.094
6'-4"	5'-8" 11'-4" 7 1/2"	36" & 42"	1.357
7'-4"	6'-8" 11'-4" 7 1/2"	48" & 54"	1.617
8'-4"	7'-8" 11'-4" 7 1/2"	60" & 66"	1.877



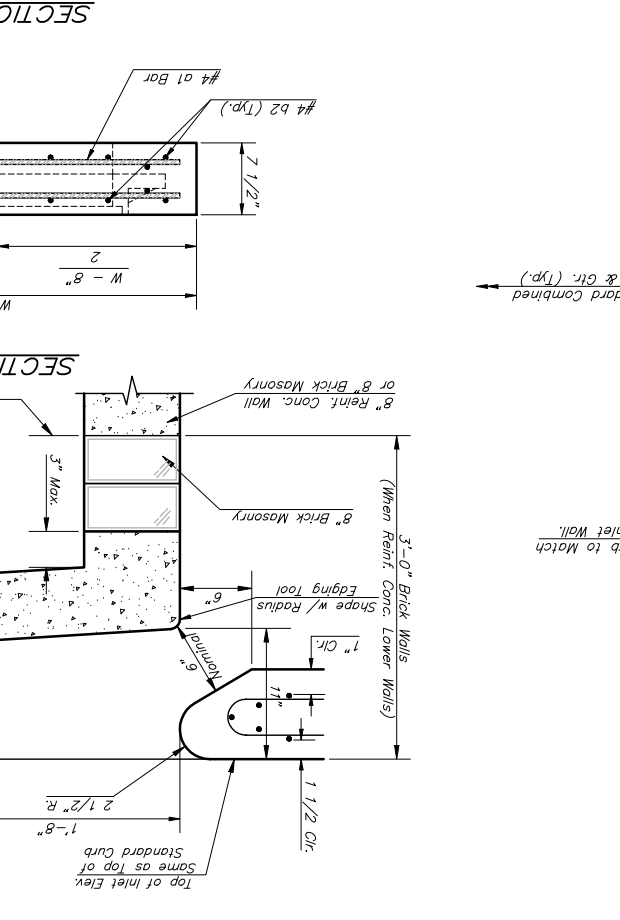
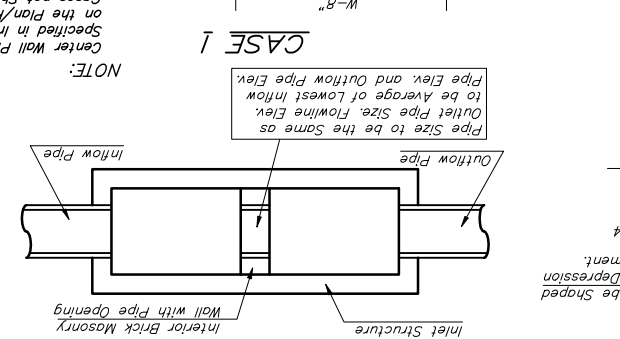
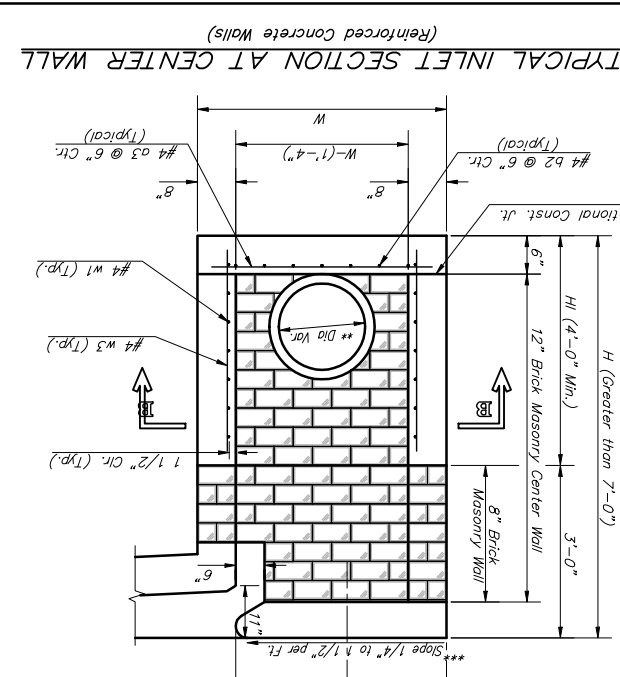
MARK	SIZE	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
* 01	#4	13	6'-7"	13	10'-7"	13	12'-7"
02	#4	4	6'-0"	4	10'-0"	4	14'-0"
03	#4	23	4'-1"	23	5'-1"	23	7'-1"
b1	#4	1	9'-9"	1	9'-9"	1	9'-9"
* b2	#4	23	11'-1"	29	11'-1"	41	11'-1"
x1	#4	16	3'-10"	16	4'-2"	16	4'-10"

PRECAST SLAB AND FLOOR REINFORCING

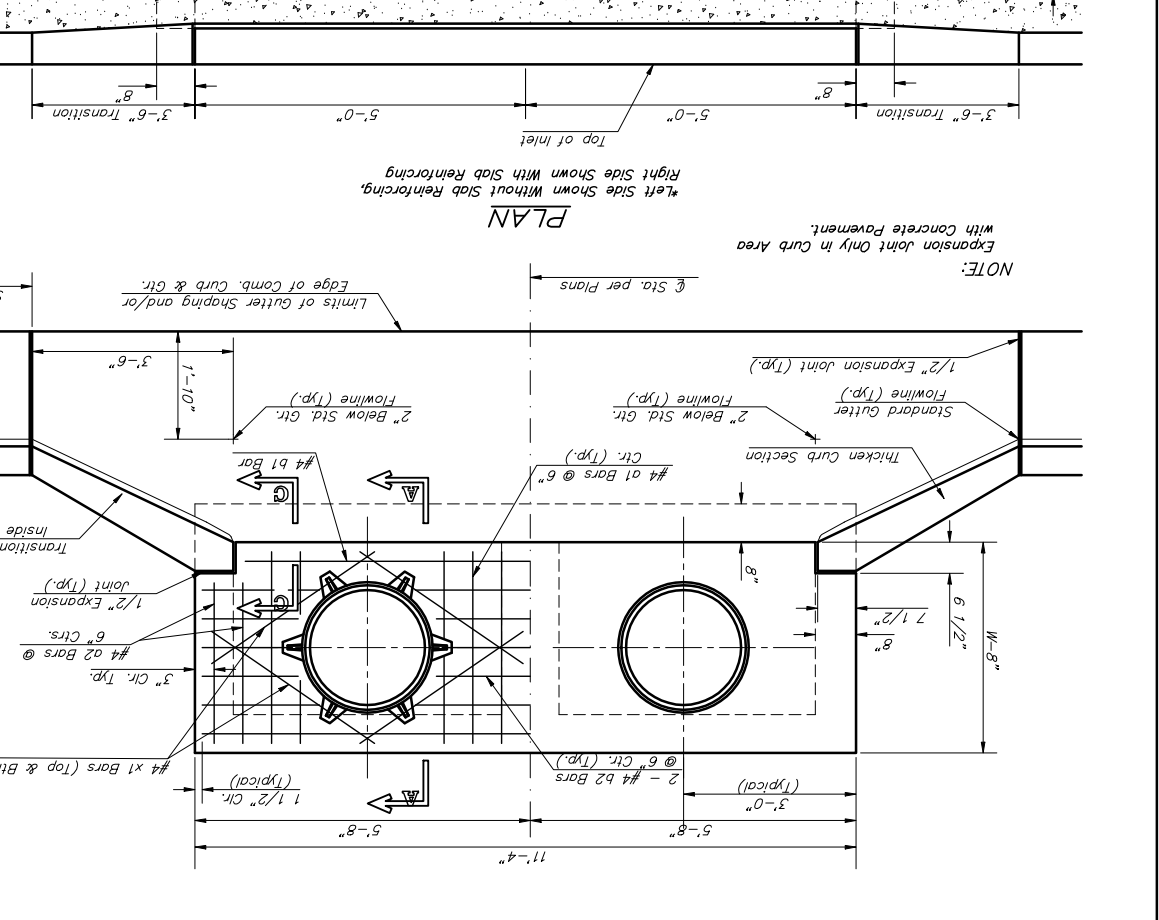
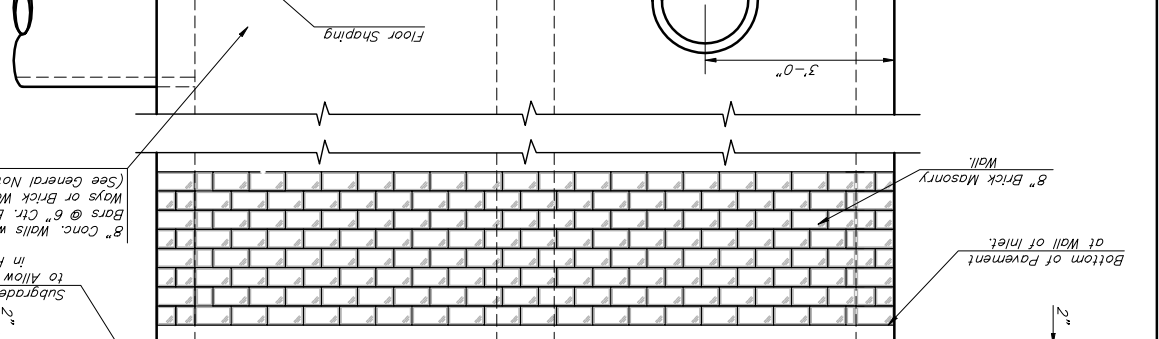
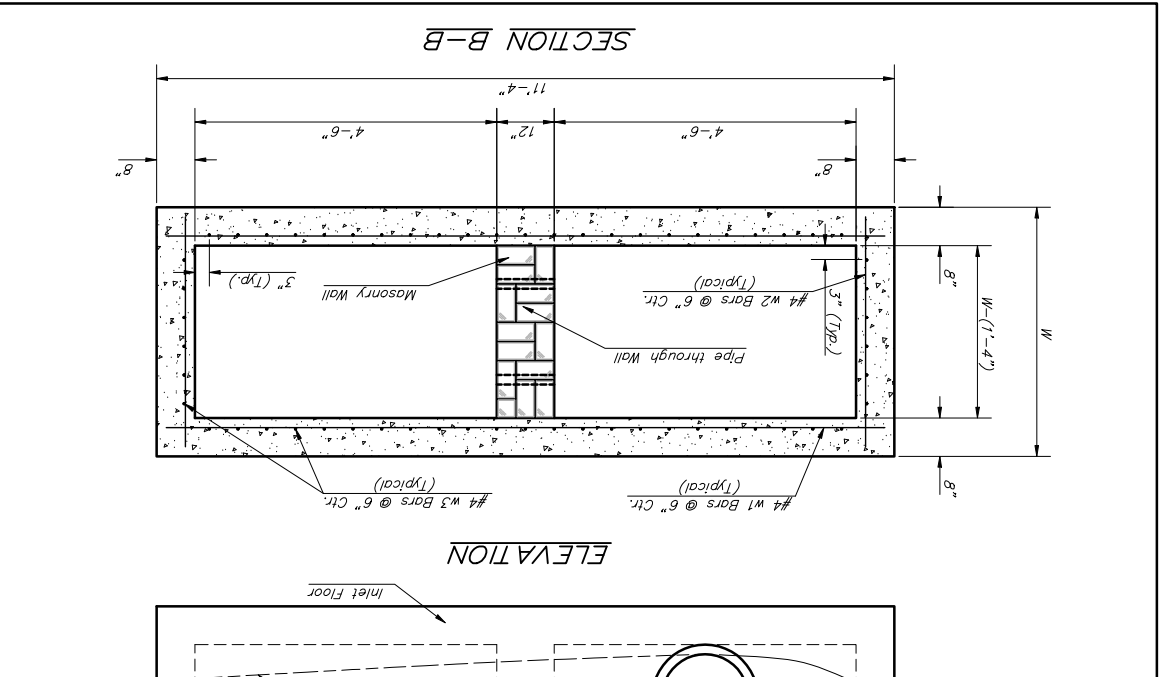
* Field Band or Cut Reinforcing as Required for Clearance.
 ① 4 (H1 - 12'), (H1 - 21') Rounded down to nearest 0.5'
 ② H1 - 3'



GENERAL NOTES:
 1. The contractor shall be required to construct 8" brick masonry walls between the concrete inlet base and top on this inlet when W=6'-4" or less and H=7'-0" or less. When W is greater than 6'-4" and H is less than 7'-0" the outside inlet walls below the brick stack shall be reinforced concrete construction and the center wall shall be of masonry construction as shown for the masonry wall option.
 2. Inlet invert shall be shaped with 8 sack sand mix concrete to create flow channels and to increase hydraulic efficiency such that the inlet will be self-cleaning between all inlet and/or outlet pipes.
 3. Concrete tops to be installed on thin mortar cushion to insure full support along brick walls. Concrete tops may be cast in place or precast. Concrete used for inlet construction shall be concrete pavement mix.
 4. Inlet top reinforcing shall be spaced on 6" max. centers. Inlet lids shall be notched out as indicated to facilitate construction of curb. Bars in inlet top to be field bent or cut to clear manhole ring.
 5. The ends of all pipes installed in inlets shall be cut off flush with the inside face of the inlet wall.



NOTE:
 Expansion Joint Only in Curb Area with Concrete Pavement.
 Right Side Shown Without Slab Reinforcing.
 Left Side Shown With Slab Reinforcing.
 Subgrade to be Shaped to Allow for Depression in Pavement.
 8" Conc. Walls w/ #4 Bars @ 6" Ctr. Both Ways or Brick Walls (See General Notes).
 8" Brick Masonry Wall.
 Bottom of Pavement at Wall of Inlet.



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