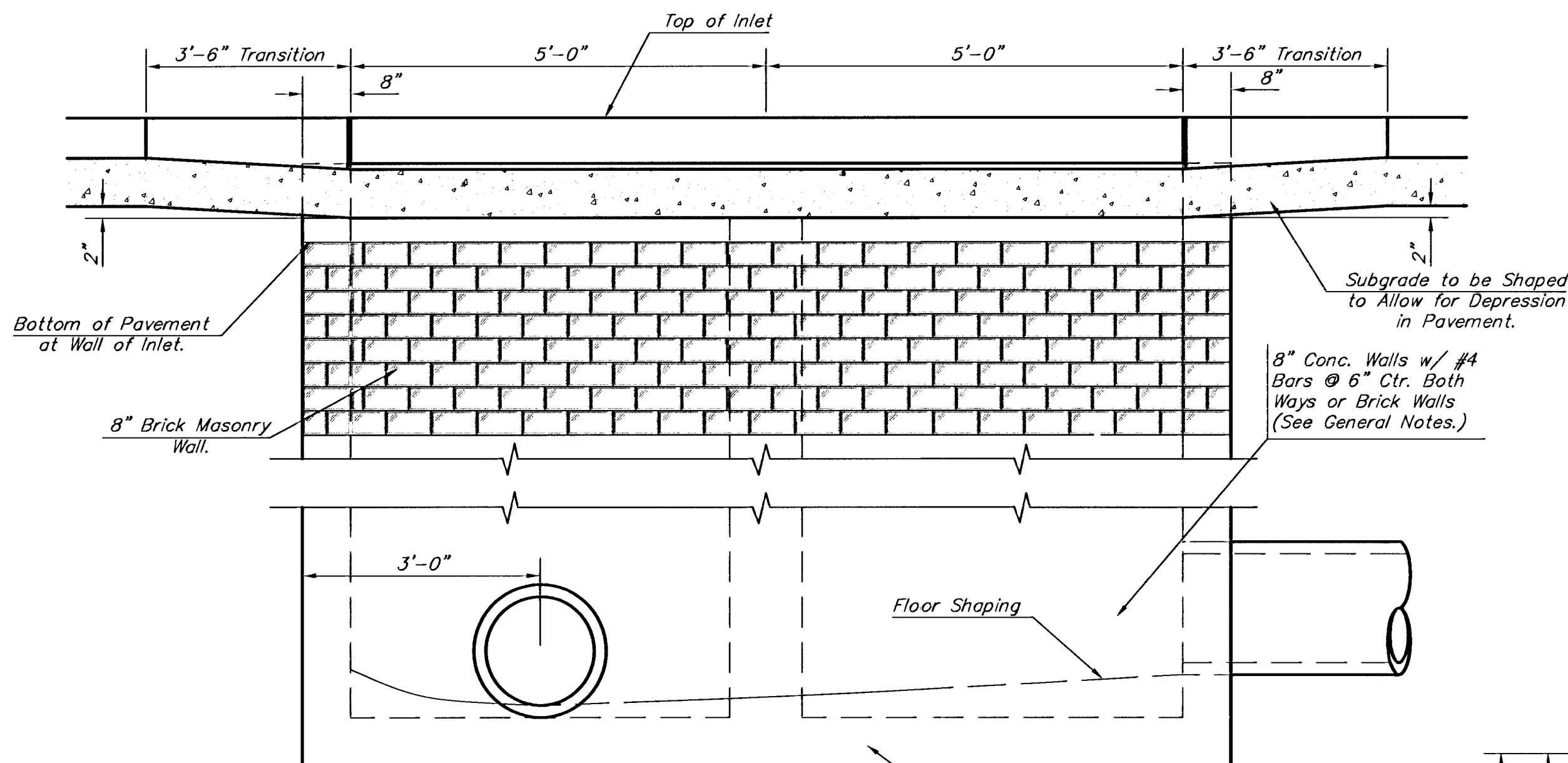


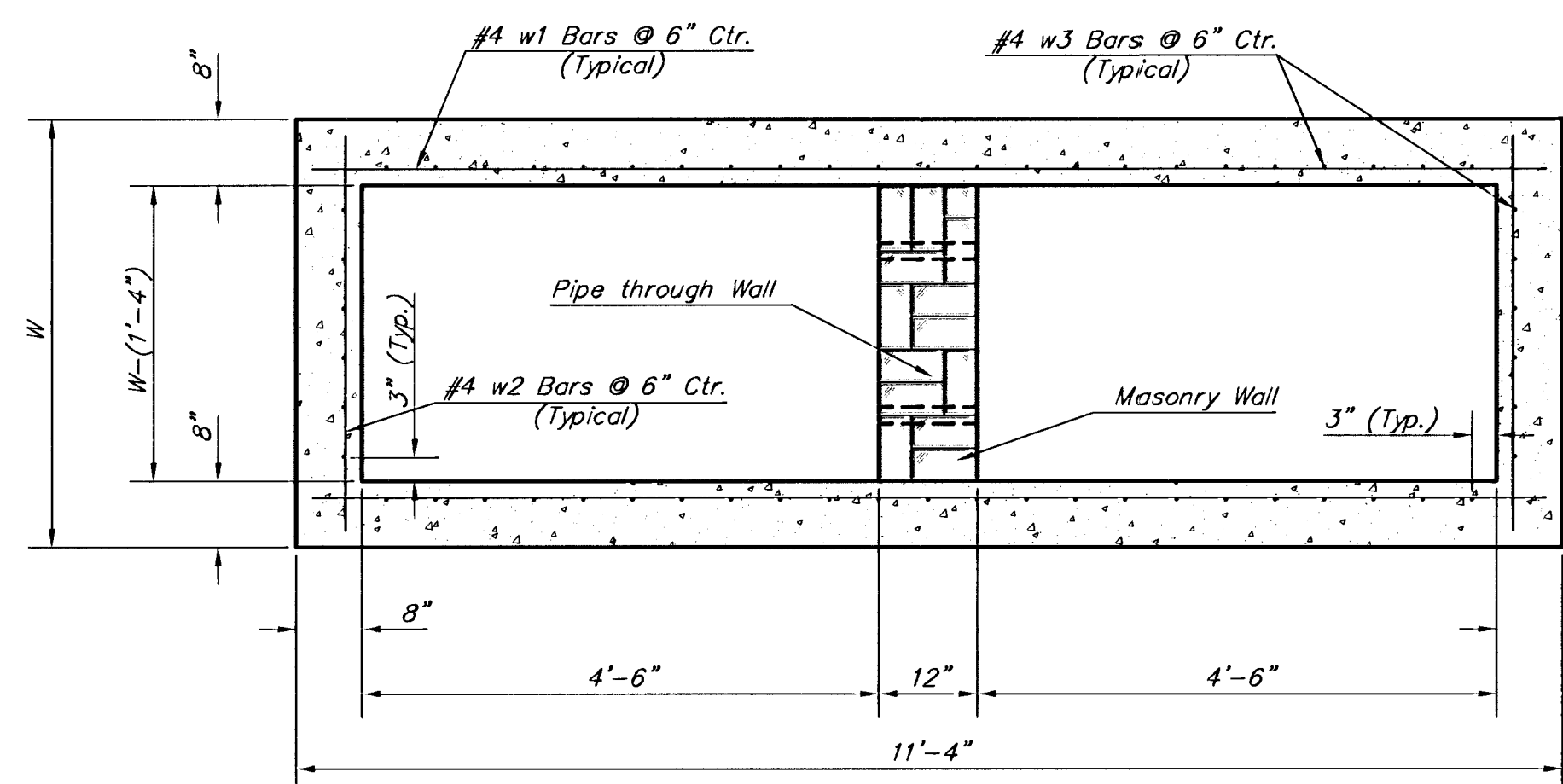
NOTE:
Expansion Joint Only in Curb Area with Concrete Pavement.

PLAN

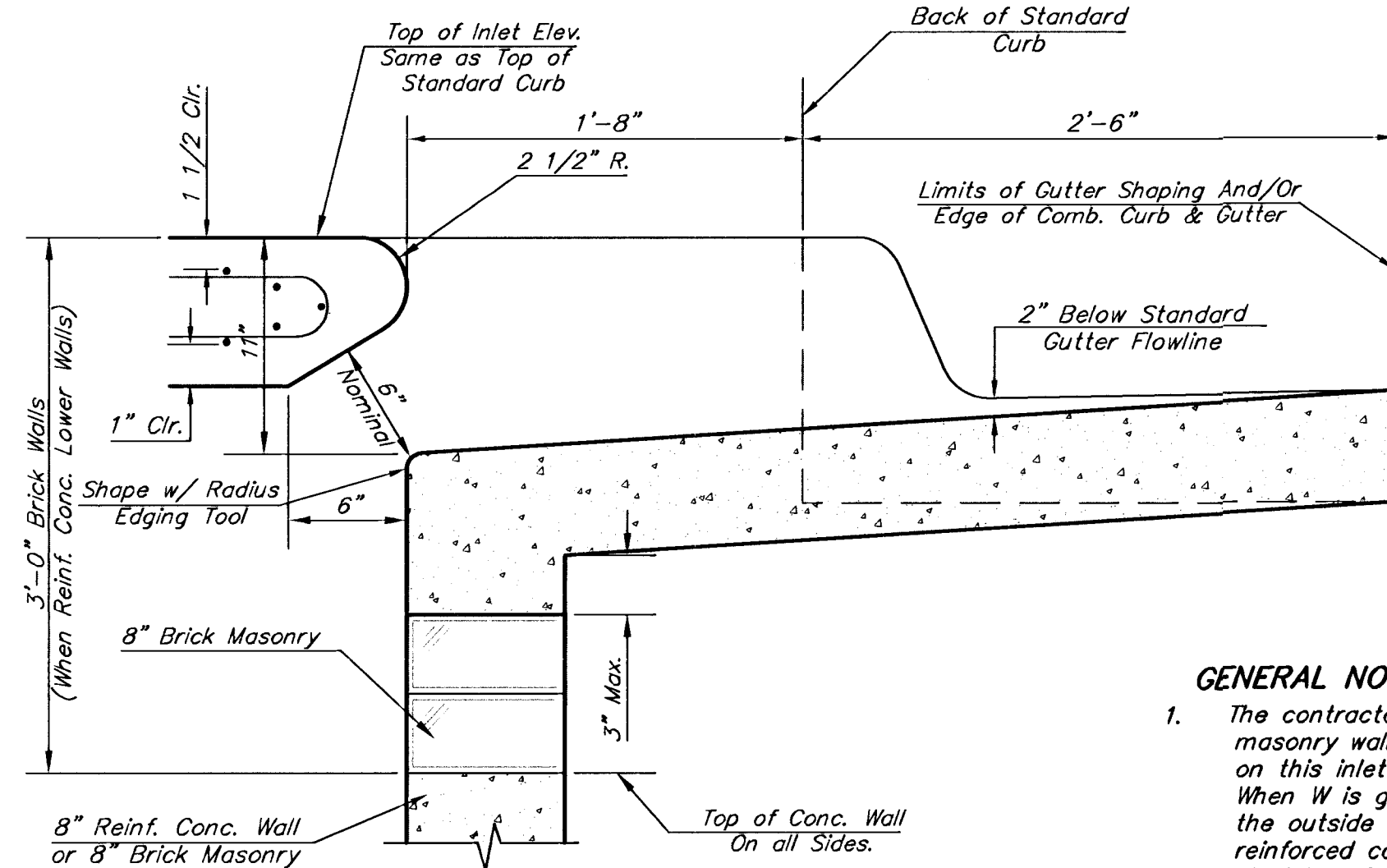
*Left Side Shown Without Slab Reinforcing, Right Side Shown With Slab Reinforcing



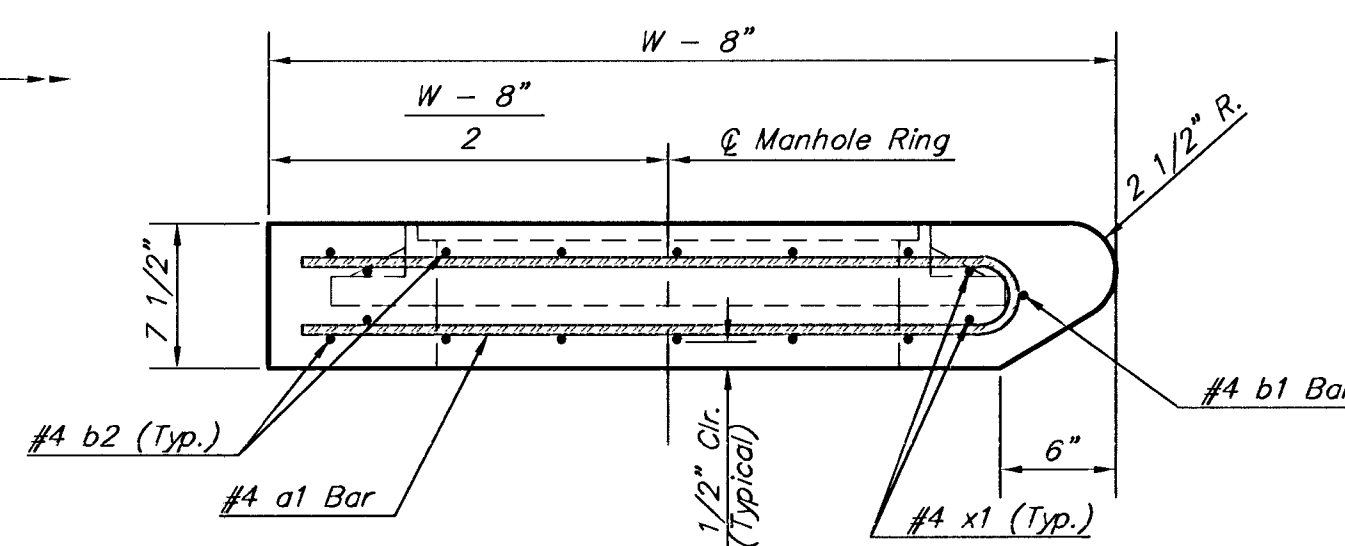
ELEVATION



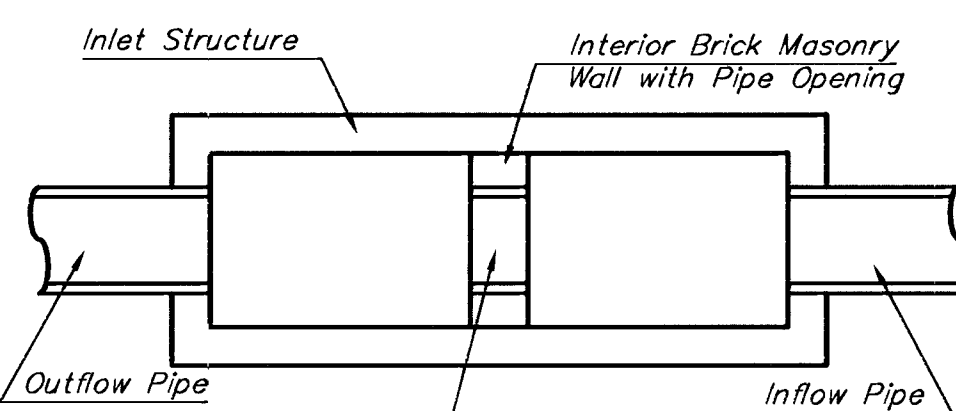
SECTION B-B



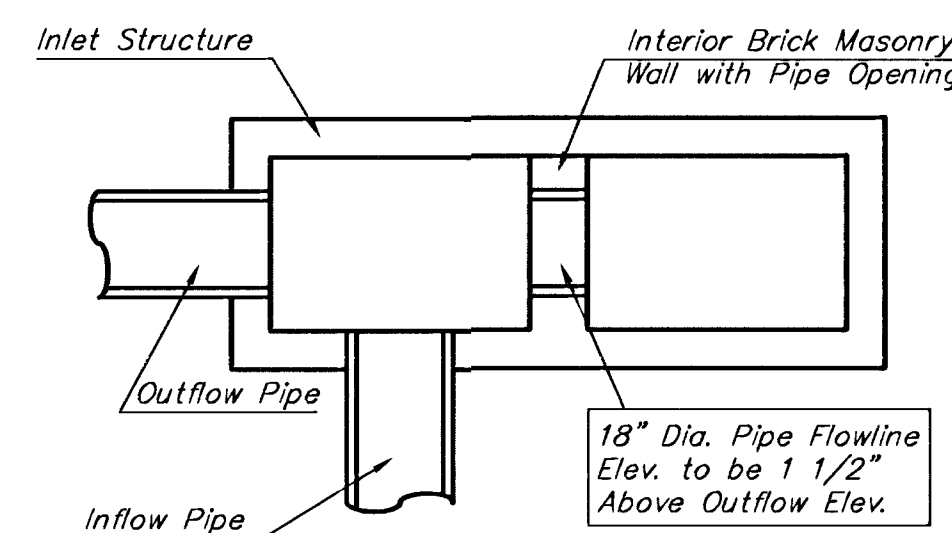
SECTION C-C



SECTION A-A

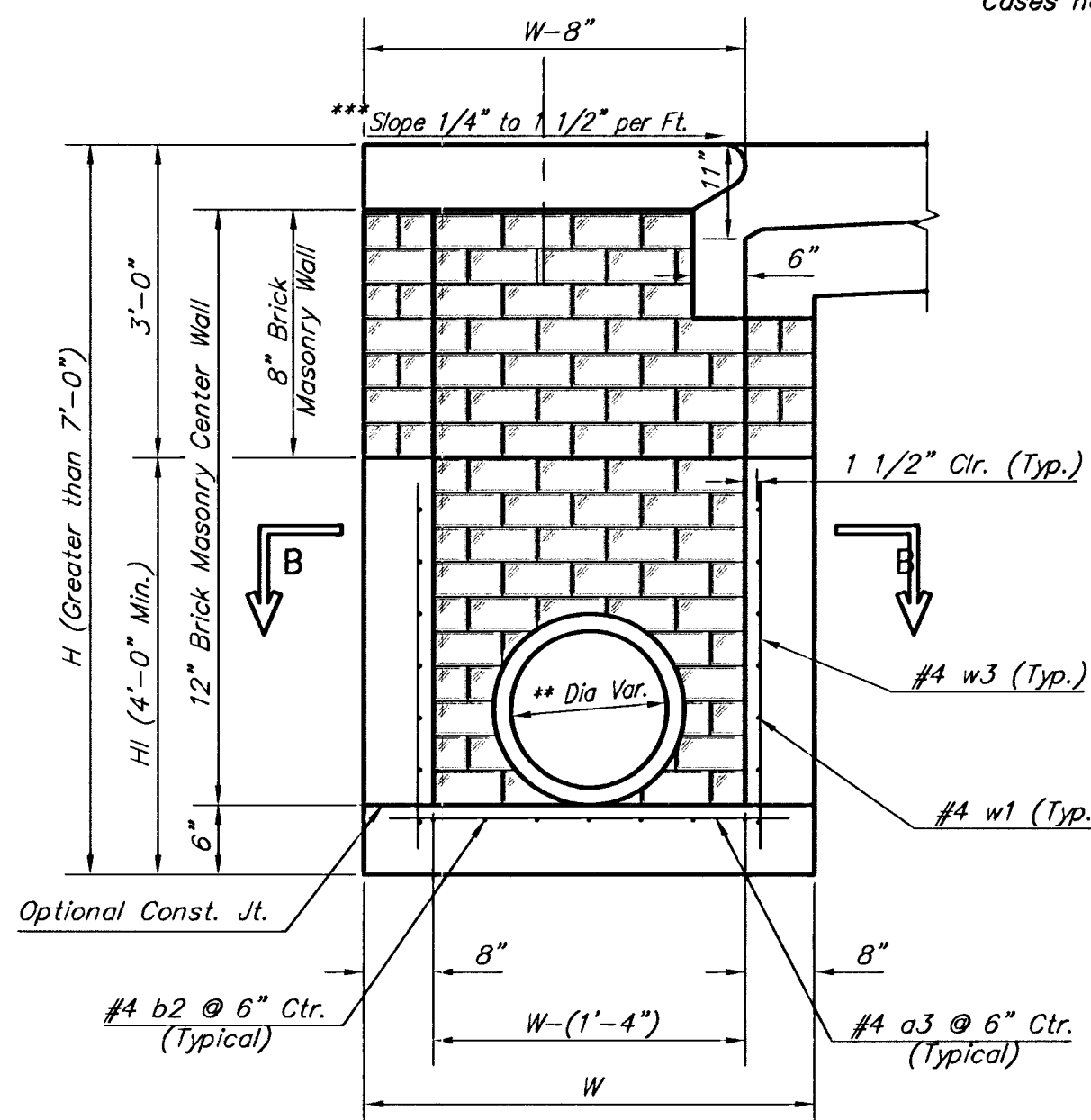


CASE I

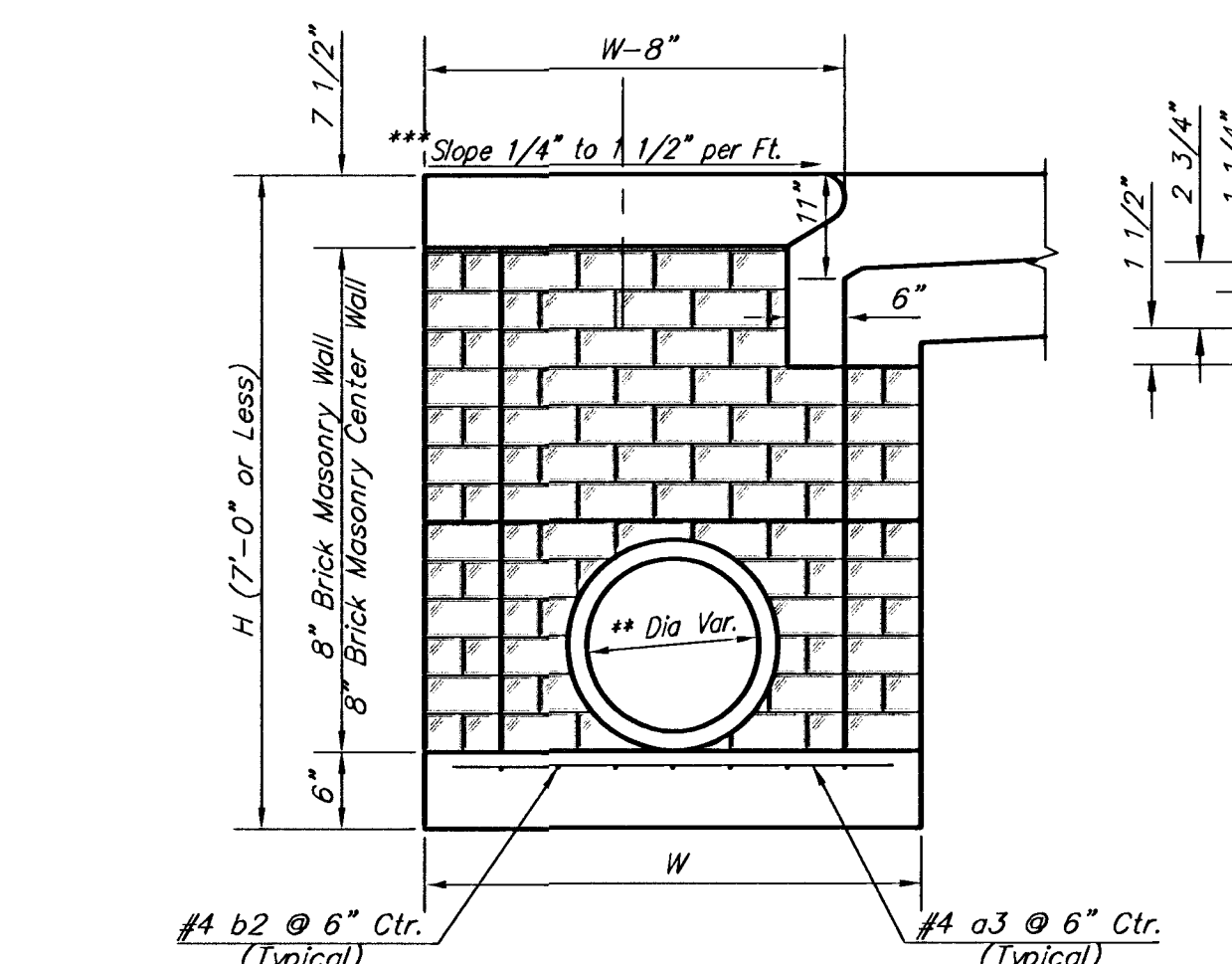


CASE II

NOTE:
Center Wall Pipe Size shall be as Specified in Inlet Construction Notes on the Plan/Profile Sheets for those Cases not Shown Here.



TYPICAL INLET SECTION AT CENTER WALL
(Reinforced Concrete Walls)



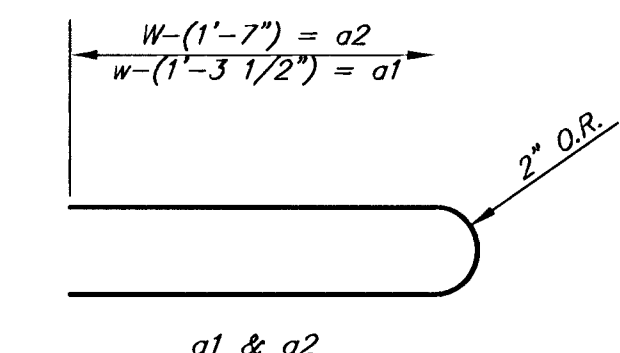
TYPICAL INLET SECTION AT CENTER WALL
(Masonry Walls)

NOTES:
** A center wall opening shall be provided by means of a section of reinforced concrete pipe. See Case I and Case II above.
*** Slope of inlet tops to match sidewalk of parking slopes within limits indicated.

| PRECAST SLAB AND FLOOR REINFORCING | | | | | | | | | | | |
|------------------------------------|------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|
| MARK | SIZE | W = 4'-4" | | W = 5'-4" | | W = 6'-4" | | W = 7'-4" | | W = 8'-4" | |
| | | NO. | LENGTH | NO. | LENGTH | NO. | LENGTH | NO. | LENGTH | NO. | LENGTH |
| * a1 | #4 | 13 | 6'-7" | 13 | 8'-7" | 13 | 10'-7" | 13 | 12'-7" | 13 | 14'-7" |
| a2 | #4 | 4 | 6'-0" | 4 | 8'-0" | 4 | 10'-0" | 4 | 12'-0" | 4 | 14'-0" |
| a3 | #4 | 23 | 4'-1" | 23 | 5'-1" | 23 | 6'-1" | 23 | 7'-1" | 23 | 8'-1" |
| b1 | #4 | 1 | 9'-9" | 1 | 9'-9" | 1 | 9'-9" | 1 | 9'-9" | 1 | 9'-9" |
| * b2 | #4 | 23 | 11'-1" | 29 | 11'-1" | 35 | 11'-1" | 41 | 11'-1" | 47 | 11'-1" |
| x1 | #4 | 16 | 3'-10" | 16 | 4'-2" | 16 | 4'-6" | 16 | 4'-10" | 16 | 5'-2" |

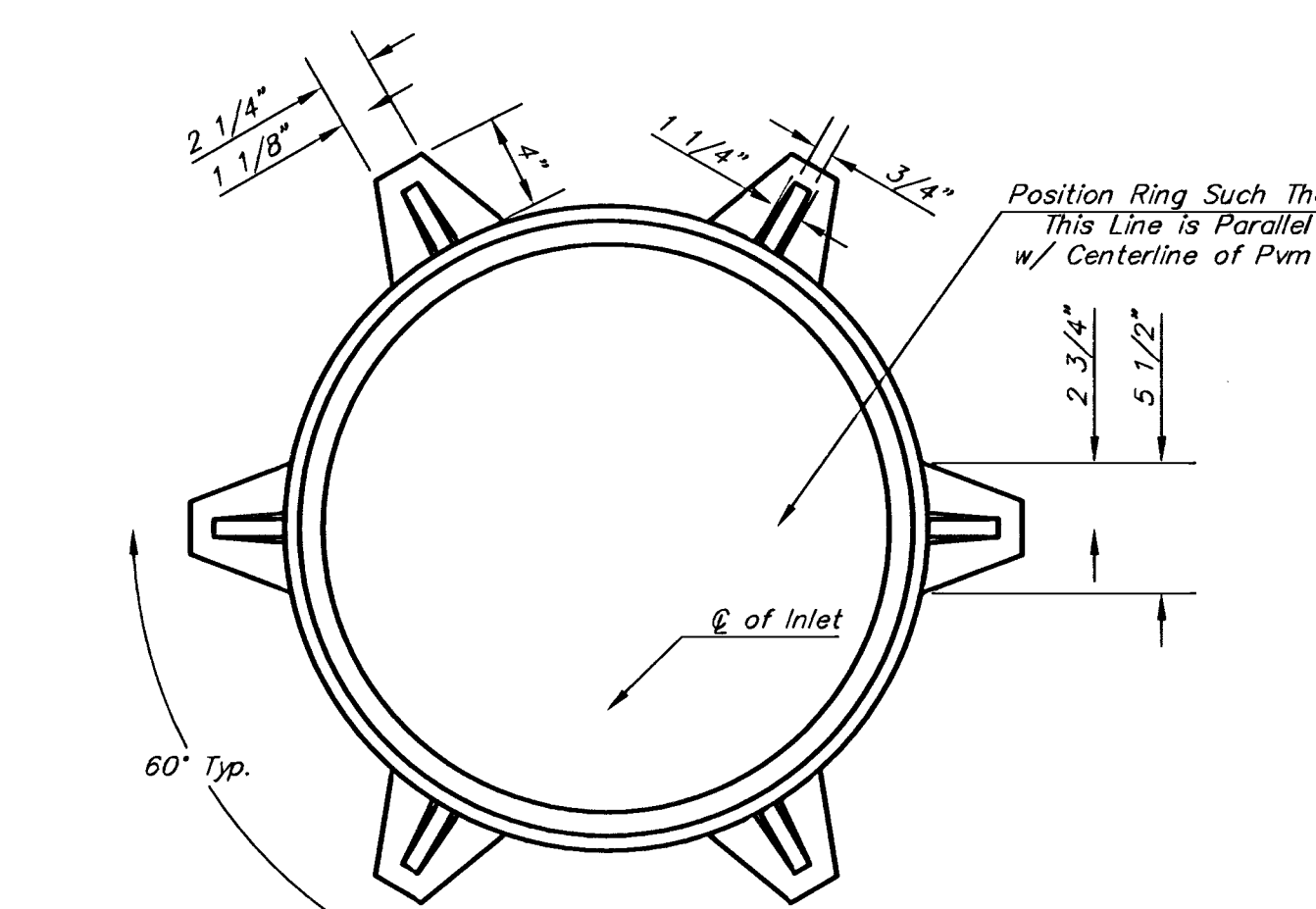
| WALL REINFORCING | | | | | | | | | | | |
|------------------|------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|
| MARK | SIZE | W = 4'-4" | | W = 5'-4" | | W = 6'-4" | | W = 7'-4" | | W = 8'-4" | |
| | | NO. | LENGTH | NO. | LENGTH | NO. | LENGTH | NO. | LENGTH | NO. | LENGTH |
| w1 | #4 | 1 | 11'-1" | 1 | 11'-1" | 1 | 11'-1" | 1 | 11'-1" | 1 | 11'-1" |
| w2 | #4 | 1 | 4'-1" | 1 | 5'-1" | 1 | 6'-1" | 1 | 7'-1" | 1 | 8'-1" |
| w3 | #4 | 52 | 2 | 56 | 2 | 60 | 2 | 64 | 2 | 68 | 2 |

* Field Bend or Cut Reinforcing as Required for Clearance.
① 4 (H - 12") (H - 21") Rounded down to nearest 0.5"
② H - 3"



BENDING DIAGRAM

| STANDARD CURB INLET PRECAST TOPS | | | |
|----------------------------------|---------------------|---------------|---------------|
| W | PRE-CAST TOP SIZE | PIPE SIZE | CU. YD. CONC. |
| 4'-4" | 3'-8" 11'-4" 7 1/2" | 21" & SMALLER | 0.83± |
| 5'-4" | 4'-8" 11'-4" 7 1/2" | 24" & 30" | 1.09± |
| 6'-4" | 5'-8" 11'-4" 7 1/2" | 36" & 42" | 1.35± |
| 7'-4" | 6'-8" 11'-4" 7 1/2" | 48" & 54" | 1.61± |
| 8'-4" | 7'-8" 11'-4" 7 1/2" | 60" & 66" | 1.87± |



MANHOLE RING AND COVER
Weight = 180 lbs.

*See City of Wichita Standard Manhole Ring and Cover Detail Sheet for Cover Details to Be Used With Inlet Frame.

THE CITY OF WICHITA

STANDARD TYPE 1-A CURB INLET
OPENING = 6"x10'-0"

M. E. LINDEBAK P.E. - CITY ENGINEER

| | |
|-----------------------------|-----------------|
| PROJECT NUMBER 472-83445 | OCA # 765790 |
| DATE MAR 96 | SHEET 20 OF 36 |

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