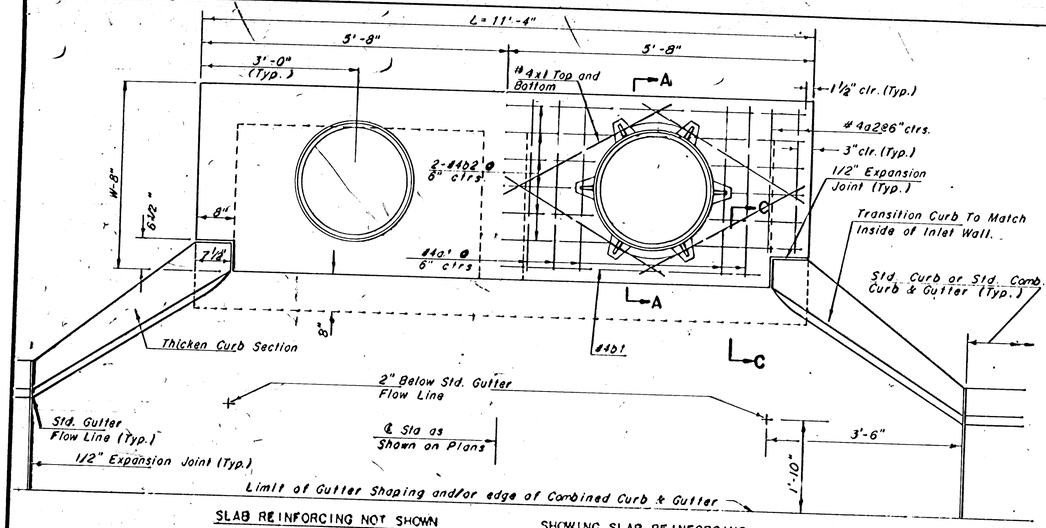
| PROJECT NO. | SHEET NO. | TOTAL SHEETS |
|---|---|---|
| 412 76 245 82324 000000001 | 12 | 20 |

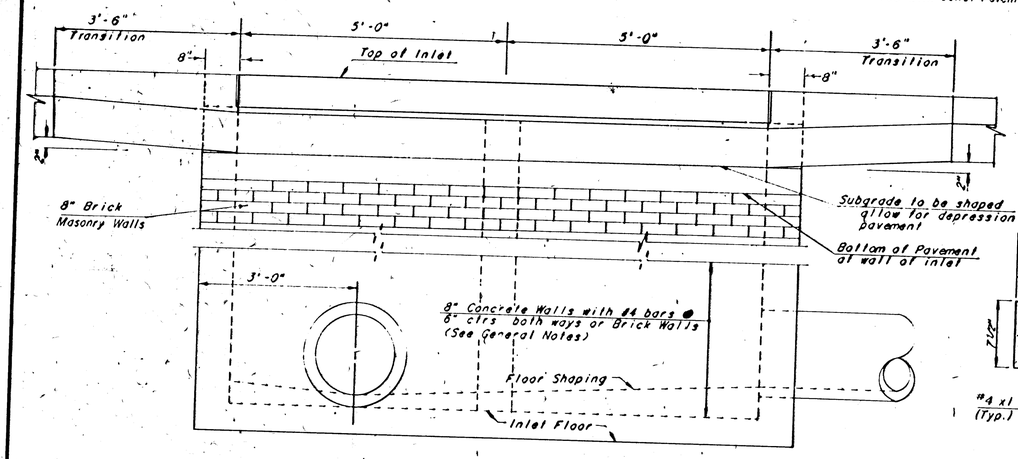



SLAB REINFORCING NOT SHOWN

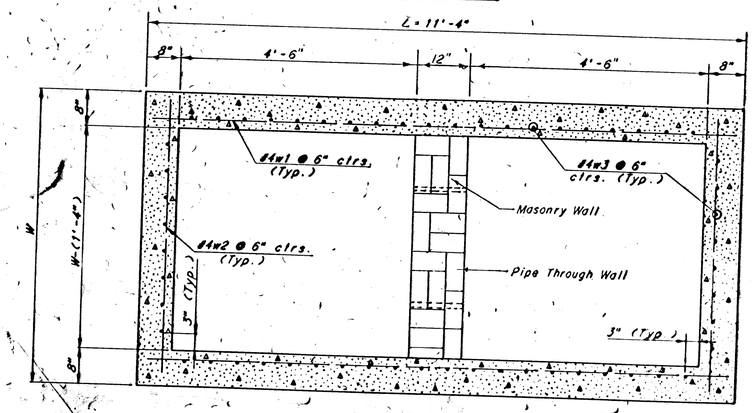
PLAN

SHOWING SLAB REINFORCING

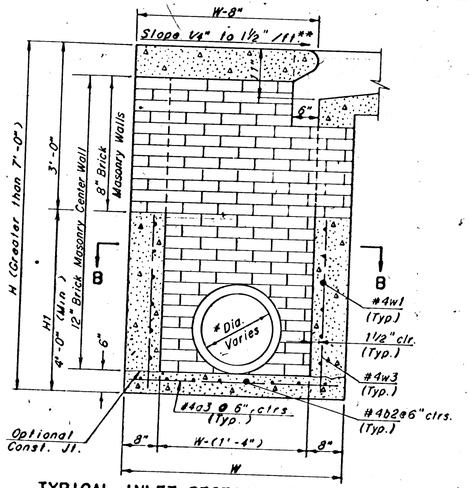
NOTE Expansion Joint only in Curb Area with Conc. Pavement.




ELEVATION

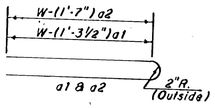



SECTION B-B'



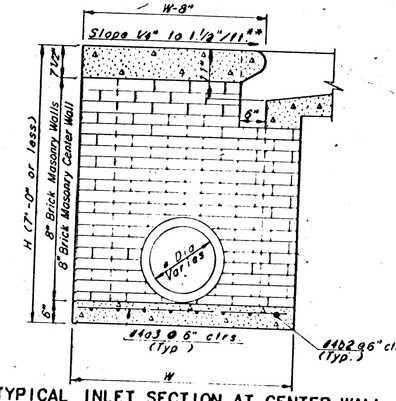

TYPICAL INLET SECTION AT CENTER WALL

(REINFORCED CONCRETE WALLS)




BENDING DIAGRAM

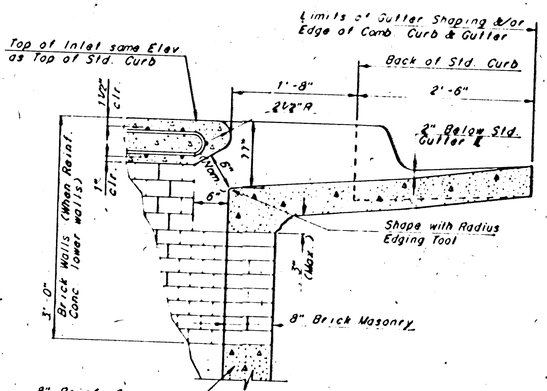
**NOTE: Slope of Inlet Tops to match Sidewalk or Parking Slopes within Limits indicated.



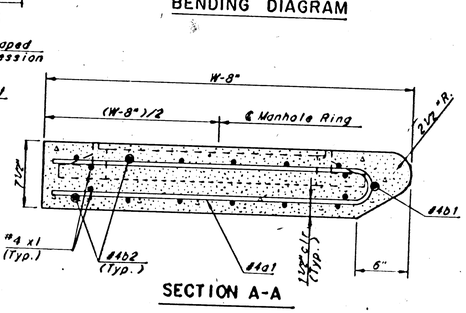

TYPICAL INLET SECTION AT CENTER WALL

(MASONRY WALLS)

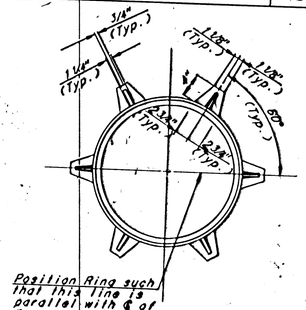
* A center wall opening shall be provided by means of a section of reinforced concrete pipe. See Case I and Case II Below.

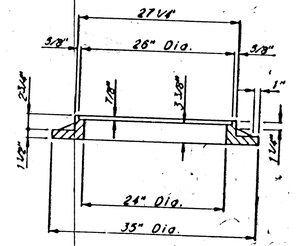



SECTION C-C




SECTION A-A

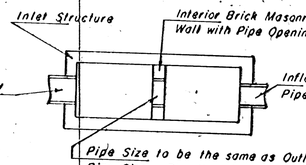



CAST IRON INLET RING

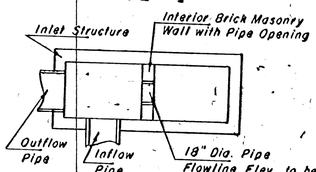
Wt.=180 lbs.

See City of Wichita Standard Manhole Frame and Cover Detail Sheet for Cover Details to be used with Inlet Frame.




Pipe Size to be the same as Outlet Pipe Size. Flowline Elev. to be Average of Lowest Inflow Pipe Elev. and Outflow Pipe Elev.

CASE I




CASE II

NOTE Center Wall Pipe Size shall be as Specified in Inlet Construction Note on the Plan/Profile Sheets for those Cases not shown here.

## SLAB AND FLOOR REINFORCING

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

* Field band or cut Reinforcing as required for clearance
① 4(H1-12") (H1-12") 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 8'-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.

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

~~REVISED 12-5-88~~ Revised 2-16-89 ~~REVISED 12-21-84~~

# STANDARD TYPE 1A CURB INLET

INLET OPENING = 6" x 10'-0"

L = 11'-4"

WICHITA, KANSAS

| Designed by | BER, KJS, LMG | Checked by | LMG |
|---|---|---|---|
| Drawn by | JGP | Date | Nov., 1988 |
| | | Job No. | |