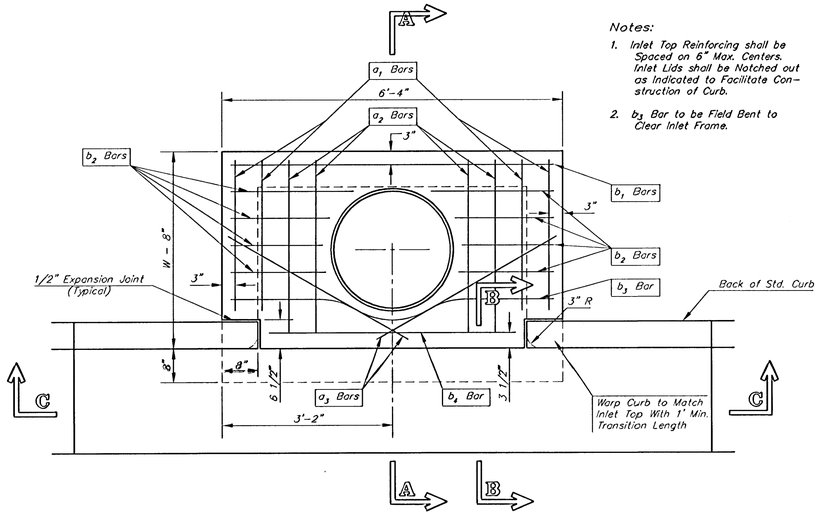
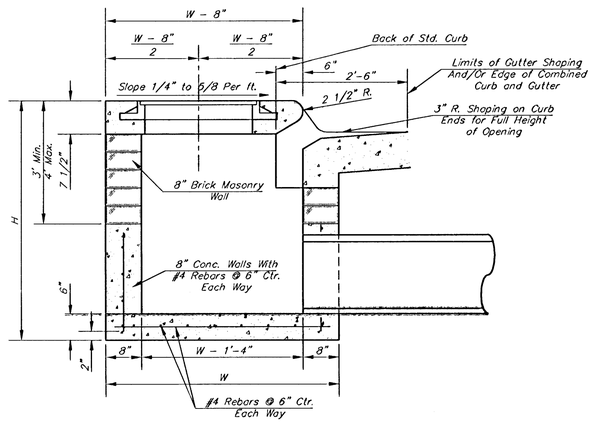


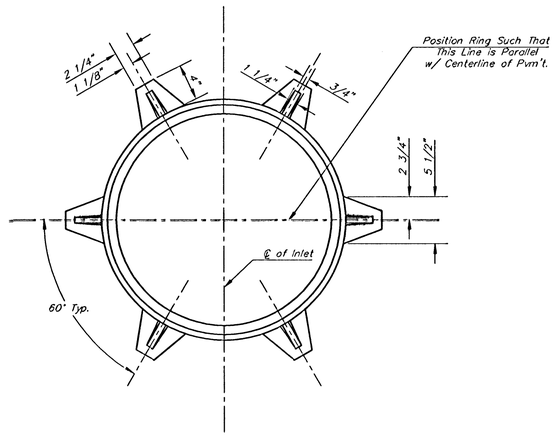

PLAN

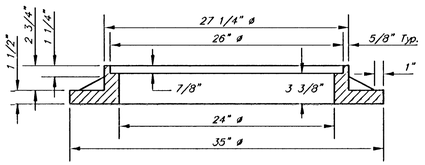
Notes:

1. Inlet Top Reinforcing shall be Spaced on 6" Max. Centers. Inlet Lids shall be Notched out as Indicated to Facilitate Construction of Curb.
2. $b_3$ Bar to be Field Bent to Clear Inlet Frame.




SECTION A–A

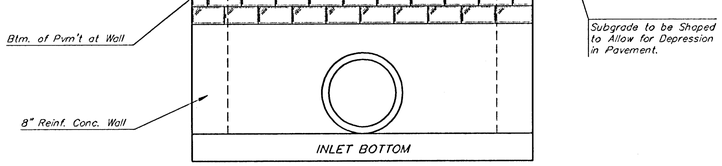


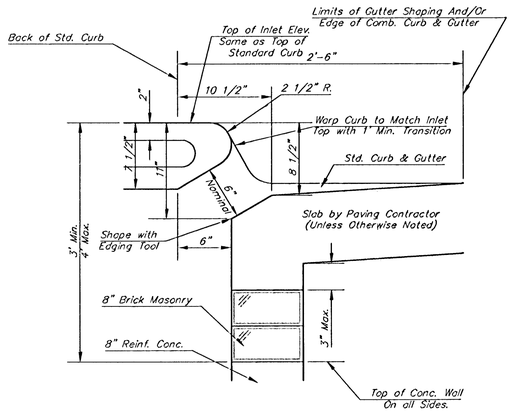

WT. = 325 lbs.

MANHOLE RING AND COVER

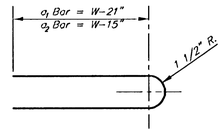
*See City of Wichita Standard Manhole Ring and Cover Detail Sheet for Cover Details to Be Used With Inlet Frame.




SECTION C–C




SECTION B–B




BENDING DIAGRAM

STEEL SCHEDULE

| BAR | | $a_1$ | $a_2$ | $a_3$ | $b_1$ W=4'-4" | $b_1$ W=5'-4" | $b_1$ W=6'-4" | $b_1$ W=7'-4" | $b_1$ W=8'-4" | $b_2$ | $b_3$ | $b_4$ | Wt. Lbs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NUMBER | | 4 | 4 | 2 | 1 | 3 | 5 | 7 | 9 | 6 | 1 | 1 | |
| SIZE | | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #6 | |
| LENGTH | W=4'-4" | 5'-7" | 6'-7" | 4'-0" | 6'-1" | – | – | – | – | 1'-9" | 6'-2" | 4'-8" | 60± |
| | W=5'-4" | 7'-7" | 8'-7" | 5'-0" | – | 6'-1" | – | – | – | 1'-9" | 6'-2" | 4'-8" | 81± |
| | W=6'-4" | 9'-7" | 10'-7" | 6'-0" | – | – | 6'-1" | – | – | 1'-9" | 6'-2" | 4'-8" | 101± |
| | W=7'-4" | 11'-7" | 12'-7" | 7'-0" | – | – | – | 6'-1" | – | 1'-9" | 6'-2" | 4'-8" | 121± |
| | W=8'-4" | 13'-7" | 14'-7" | 8'-0" | – | – | – | – | 6'-1" | 1'-9" | 6'-2" | 4'-8" | 141± |

Note: $a_3$ Bars to be Placed Approx. 2" Below Top of Inlet Cover.

| STANDARD CURB INLET PRECAST TOPS | | | |
|---|---|---|---|
| W | PRE-CAST TOP SIZE | PIPE SIZE | CU. YD. CONC. |
| 4'-4" | 3'-8" 6'-4" 7 1/2" | 21" & SMALLER | 0.38± |
| 5'-4" | 4'-8" 6'-4" 7 1/2" | 24" & 30" | 0.51± |
| 6'-4" | 5'-8" 6'-4" 7 1/2" | 36" & 42" | 0.64± |
| 7'-4" | 6'-8" 6'-4" 7 1/2" | 48" & 54" | 0.77± |
| 8'-4" | 7'-8" 6'-4" 7 1/2" | 60" & 66" | 0.90± |

GENERAL NOTES

1. 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.
2. Contractor shall have the option of constructing 8" brick masonry walls between the concrete inlet base and top on this inlet when W=6'-4" and H=7'-0" or less.
3. 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.
4. The ends of all pipes installed in inlets shall be cut off flush with the inside face of the inlet wall.

City of Wichita Standard Type 1A

# TYPE 1 CURB INLET

Inlet Opening = 6' X 5'-0"


Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316.262.7271 F 316.262.0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE


PROJECT NUMBER

DESIGN C.O.W. DRAWN Staff

REVISIONS: Revised Dec. 21, 1994

APPROVED DATE 11/06

SCALE None

SHEET 9 OF 17

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