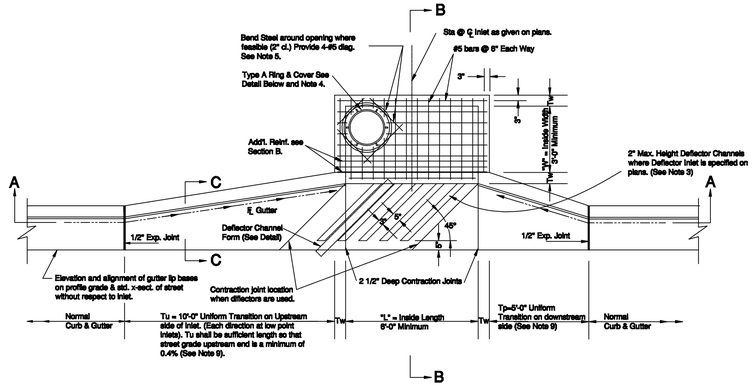
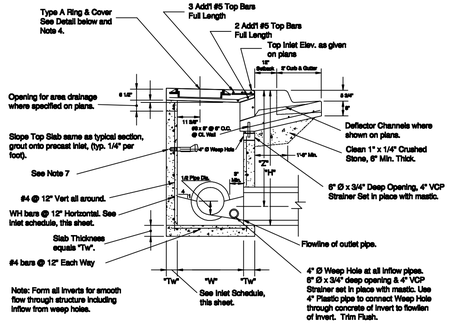
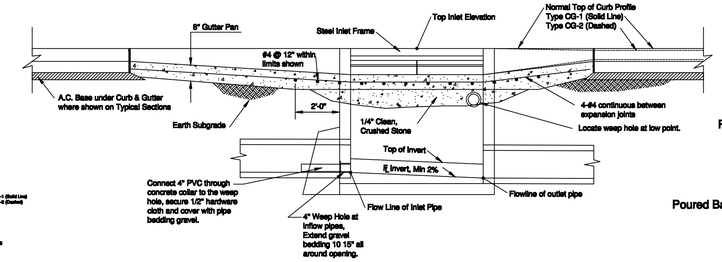


PLAN

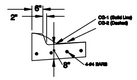


SECTION B

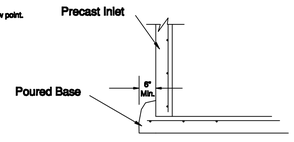
INLET SCHEDULE			
LIMITS		Tw	WH
"L"	"H"	REINF. CONC.	BARS
6',8',10'&12'	Up to 8'-0"	6"	#4
6',8',10'&12'	8'-0" to 12'-0"	8"	#5
6' & 8'	12'-0" to 16'-0"	8"	#5



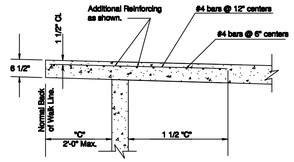
SECTION A



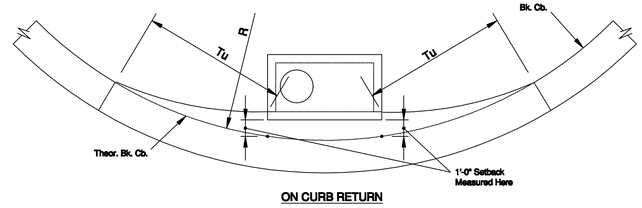
SECTION C



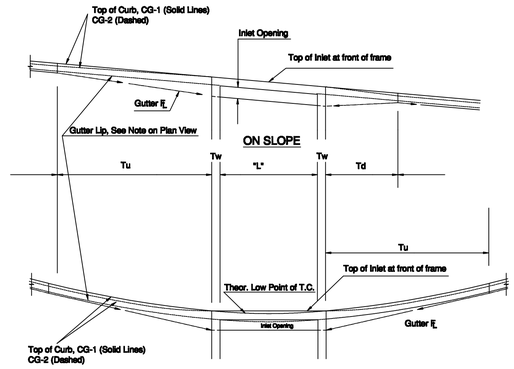
BASE FOR PRECAST INLET



CANTILEVER SIDEWALK
Use where indicated on plans by dimension "C" being called out in drainage note. No direct pay.

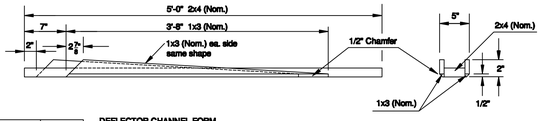


ON CURB RETURN



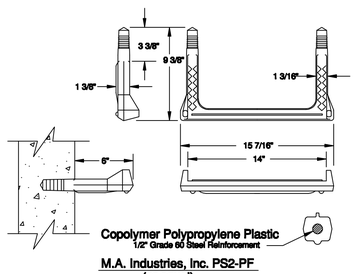
AT LOW POINT

INLET SETTING DIAGRAMS

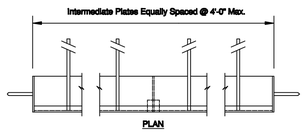


Length of Inlet	Number of Deflectors
6'	5
8'	7
10'	9
12'	11

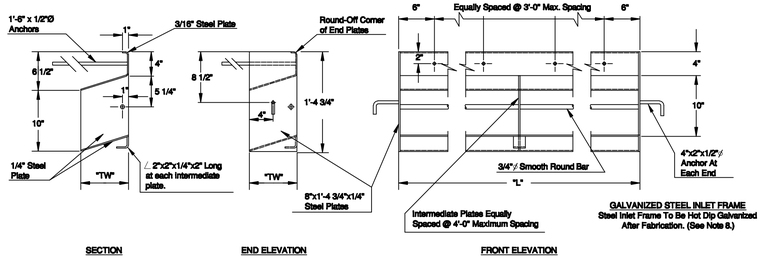
DEFLECTOR CHANNEL FORM
Form shall be well oiled and hand placed at time of pour. After initial set, remove form and finish surface. Cleat across 2x4's to hold 45° skew angle. On deflectors with opposite skew 1x3's reverse positions.



M.A. Industries, Inc. PS2-PF
(or equal)

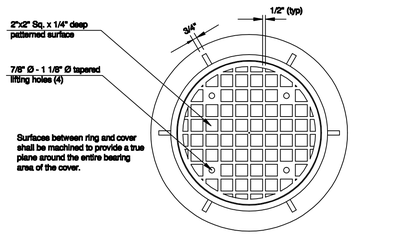


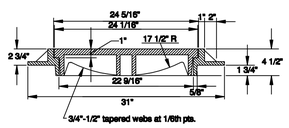
PLAN



GALVANIZED STEEL INLET FRAME

GALVANIZED STEEL INLET FRAME
Steel Inlet Frame To Be Hot Dip Galvanized After Fabrication. (See Note 8.)





WEIGHT
RING 145 lbs.
COVER 185 lbs.
CLAY AND BAILEY NO.2002, DEETER NO.1305 OR EQUAL.

TYPE A RING AND COVER

GENERAL NOTES:

1. All materials and construction shall conform and comply with the specifications of the City of Grandview.
2. This design is for precast or cast in place concrete inlets for L=6' & 8'; H up to 16'; For L = 10' & 12', H up to 12'.
3. Inlets are called out on plans as LxW Std Curb Inlet or LxW W/Deflector Curb Inlet. Deflector curb inlets are required where the street grade is 4.0% or greater.
4. Locate manhole ring and cover on back or side wall away from pipe openings.
5. Bend reinforcement around manhole ring & pipes where feasible. Provide #5 diagonals around pipe openings as shown for manhole ring on plan.
6. Centerline of pipes to be at centerline of inside wall unless otherwise shown. Trim pipes flush to inside face of wall.
7. Top step 24" below top of slab, then at 16" spacing. Bottom step to be 30" max. above flowline on invert. Stagger steps 2" each way from centerline of manhole ring. Steps not required where "Z" is less than 4'-0".
8. Steel inlet frame to be of structural steel. Exposed steel surfaces to be finished smooth. Hot dip galvanize assembly. Galvanization not required on anchors.
9. Transitions Tu & Td shall be uniform between standard curb & gutter cross section & that shown at inlet, use flexible form for face.
10. Broom finish top slab. Use 3/4" chamfer on exposed concrete edges, except where top slab abuts sidewalk.
11. On unit price contracts standard curb inlets & deflector curb inlets of the various sizes (LxW) will be paid for per each, including all excavation, material & labor, curb & gutter will be measured for payment continuous by inlets.

Revisions	By

CITY OF GRANDVIEW
MISSOURI
1200 MAIN STREET GRANDVIEW,MISSOURI 64116 816-316-4800

CITY OF GRANDVIEW
PUBLIC WORKS DEPARTMENT

STANDARD CURB INLET

GCI
1

APPROVED BY:	LRF
DRAWN BY:	GWV
CHECKED BY:	LRF
DATE:	4/8/2008
PROJECT NO.:	
DRAWING NO.:	
	OF