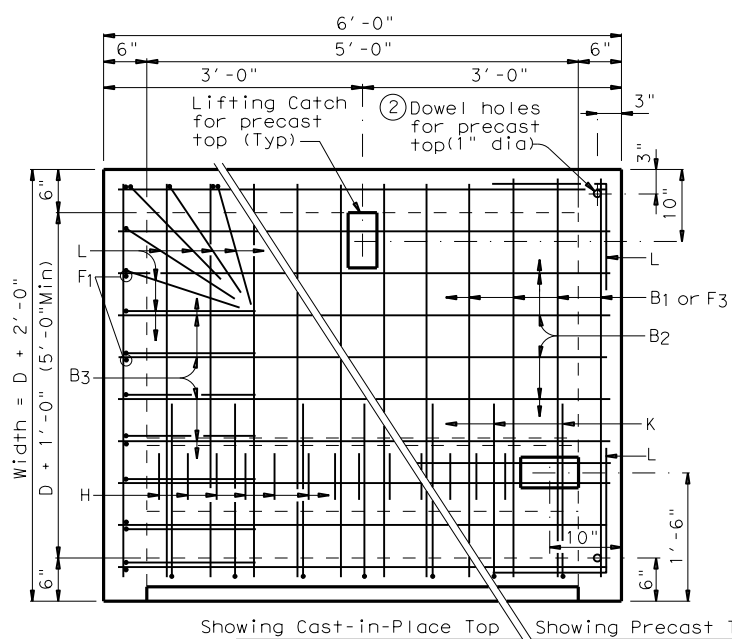


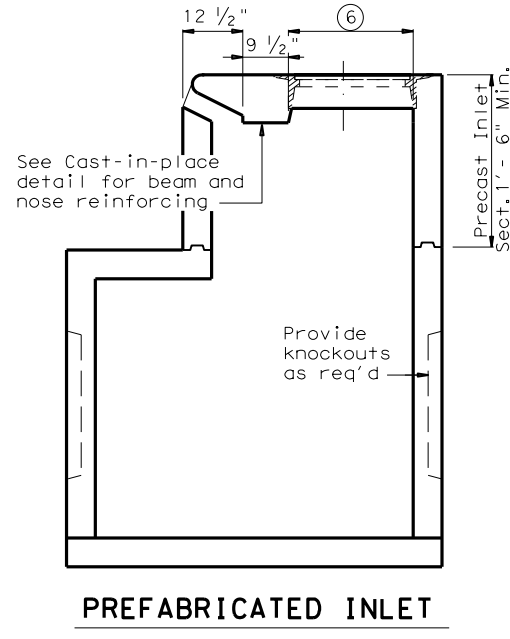
REINF STEEL

Bar	Size	Spacing
B1	#4	6"
B2	#5	6"
B3	#4	6"
C1-2	#4	12"
C3-4	#4	9"
C5	#6	9"
C6	#4	9"
D	#4	9"
E	#4	12"
F1-5	#4	12"
G	#4	6"
H	#3	4"
K	#4	9"
L	#4	6"

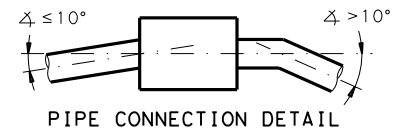
⑨ As shown



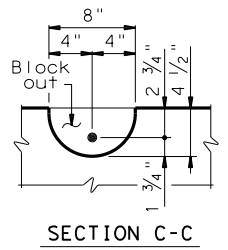
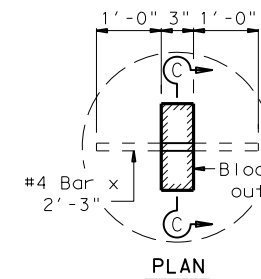
PLAN



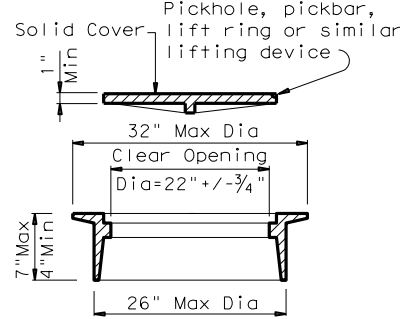
PREFABRICATED INLET



PIPE CONNECTION DETAIL
Connecting pipes should enter within 10° of normal to inlet wall. If necessary, pipe elbow or curved approach alignment should be used to stay within this limit.

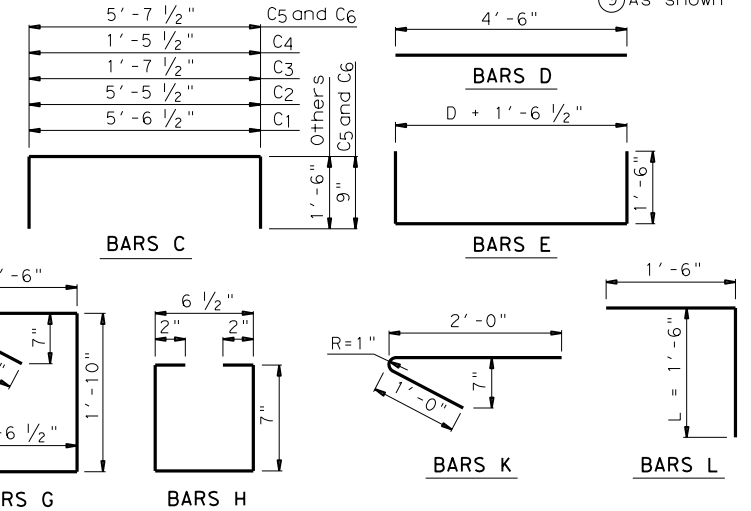


LIFTING CATCH

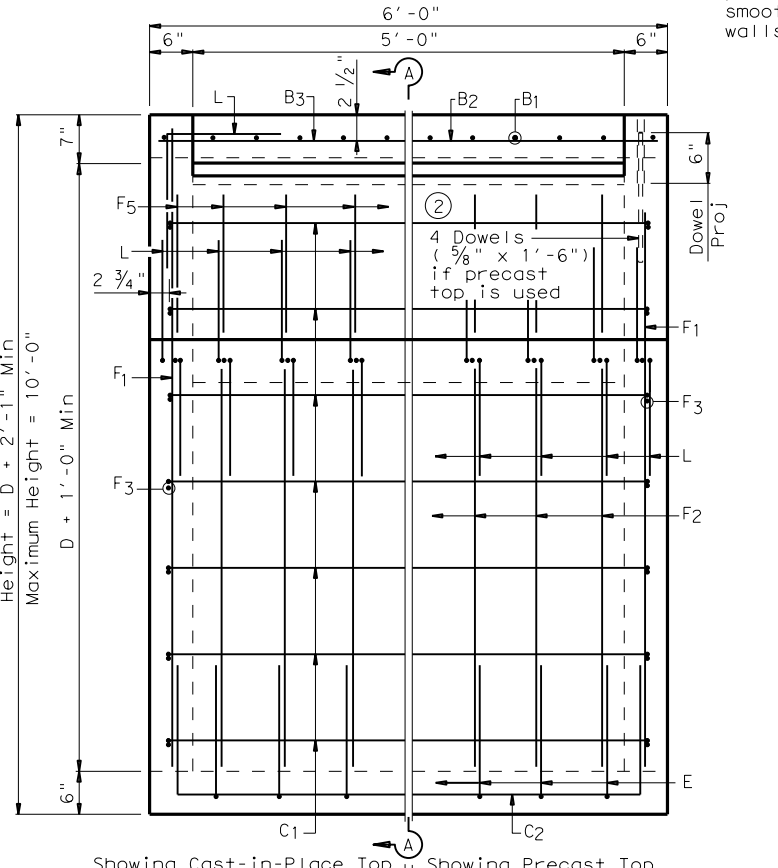


RING AND COVER DETAILS

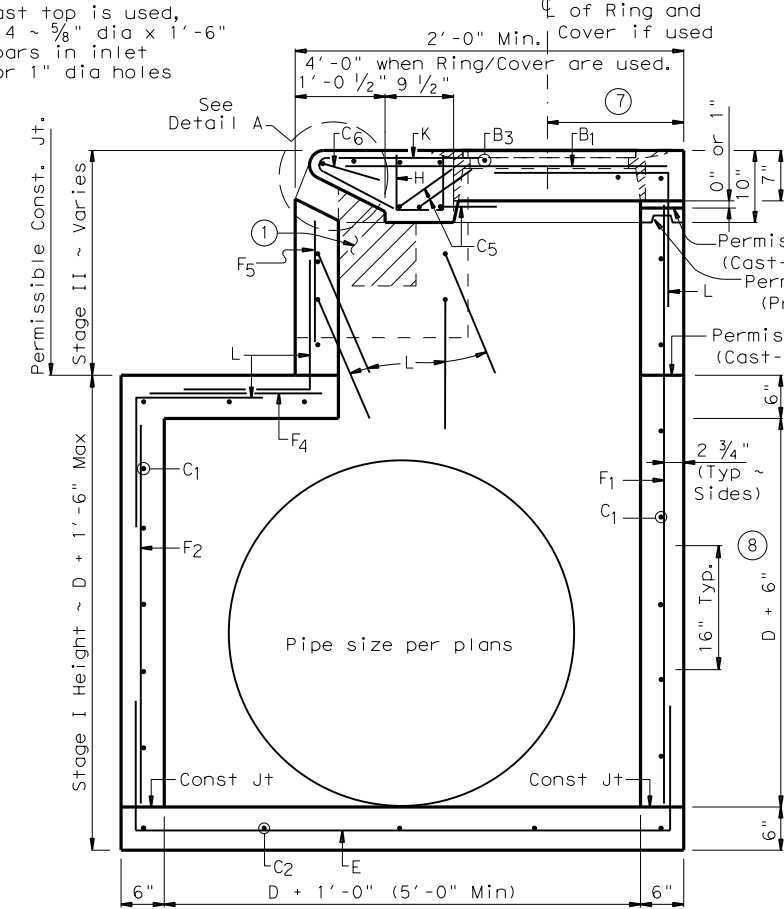
EJIW No V-1814 or Neenah No R5900 FTX



② If precast top is used, provide 4 ~ 5/8" dia x 1'-6" smooth bars in inlet walls for 1" dia holes



ELEVATION



SECTION A-A

⑦ 1'-7" Usual, Adjust placement of Ring and Cover as necessary to avoid conflict with Bars H.

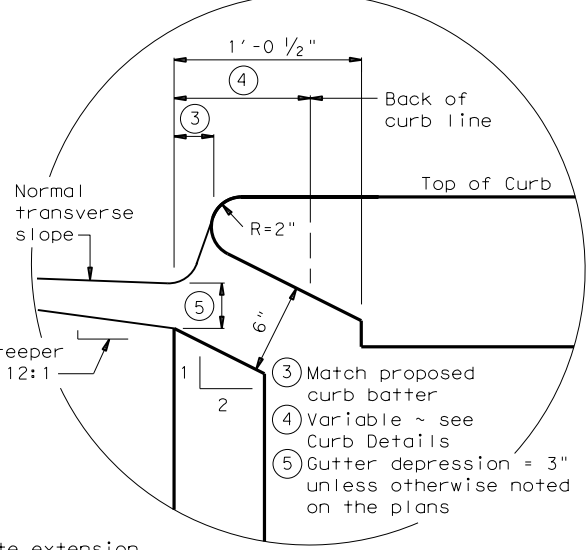
Permissible Const Jt (Cast-in-Place)
Permissible Const Jt (Precast Top)
Permissible Const Jt (Cast-in-Place)

2 3/4" (Typ ~ Sides)
16" TYP.
D + 6"

⑧

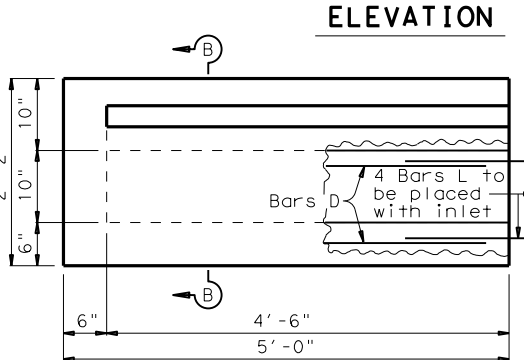
Normal transverse slope
No steeper than 12:1

③ Match proposed curb batter
④ Variable - see Curb Details
⑤ Gutter depression = 3" unless otherwise noted on the plans

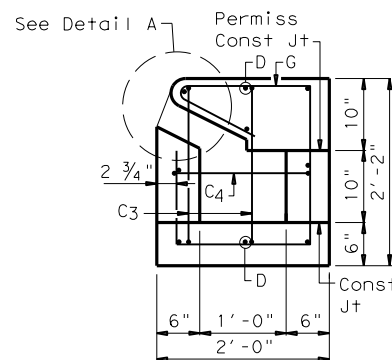


DETAIL A

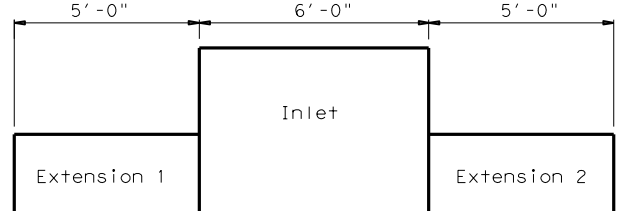
GENERAL NOTES:
No alternate designs nor alternate details shall be permitted for precast or cast in place inlets.
Quantities shown herein are for Contractor's information only. Unless otherwise shown in the plans, payment will be made for each inlet of the type specified and for each extension. Each five foot curb opening of extension is considered "one extension" regardless of whether placed monolithically or precast. Extension length shall be in multiples of 5 feet.
Engineer has the option of specifying cast-in-place top with ring and cover or removable precast top as specified elsewhere in plans. Shop drawings will be required for precast construction of inlets.
In areas of conflict between reinforcing steel, blockouts, pipes, anchor bolts or other reinforcing steel, the reinforcement shall be bent or adjusted to clear as directed by the Engineer.
Ring and cover shall conform to the requirements of AASHTO M306, "Standard Specification for Drainage Structure Castings". Materials shall conform to ASTM A48, Class 35B for gray iron castings or ASTM A536, Grade 65-45-12 for ductile iron castings. Aluminum alloy castings shall not be permitted.



EXTENSION ELEVATION



SECTION B-B



EXTENSION PLACEMENT

Note: If more than one extension is required, they should be located as indicated above. No slope is required in flowline of extension.

INSTALL A 3 FT. (HORIZ.) x 6 IN. (VERT.) OPENING ON THE BACK OF THE INLET WHEN SPECIFIED ELSEWHERE ON THE PLANS. MOVE STEPS AS NEEDED. NO REINFORCING ON OPENING/ON 2 IN. ADJACENT TO OPENING.
DESIGNERS: CLARIFY FLOWLINE OF OPENING AND INCLUDE OPENING IN HYDRAULIC CALCULATIONS.

D = Diameter
R = Radius

Texas Department of Transportation
Houston District

CURB INLET TYPE C1 (WITH OR WITHOUT EXTENSION)

HIL-C1

FILE: STDD2.DGN	DN: TxDOT	CK: TxDOT	DW: TxDOT	CK: TxDOT	STD:
© TxDOT Feb 2010	DIST	FED REG	PROJECT NO.	SHEET	
REVISIONS	HOUS	6			
2/2010 Note for alternate design and opening on the back of inlet.					
10/2016 Removed ladder rung and wordings.	COUNTY	CONTROL	SECT	JOB	HIGHWAY

STDD2.DGN