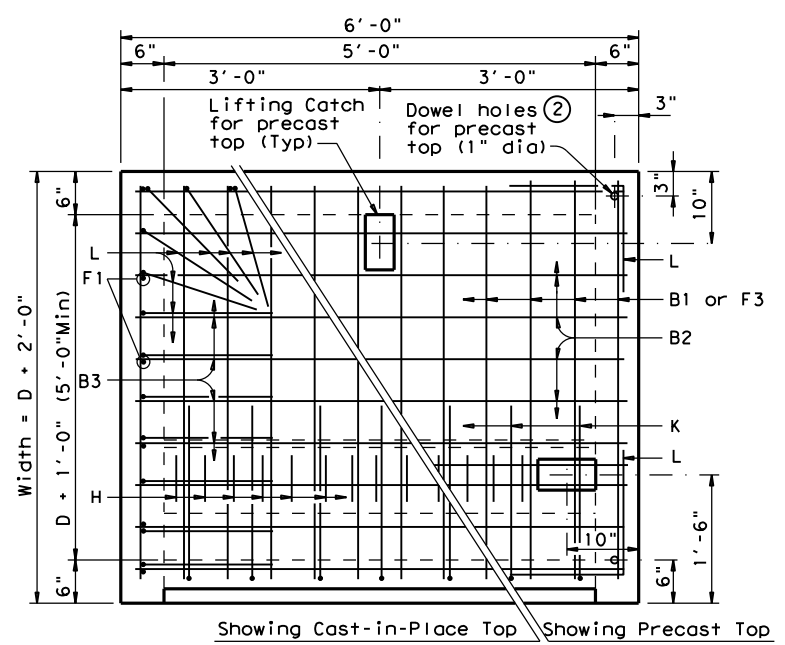
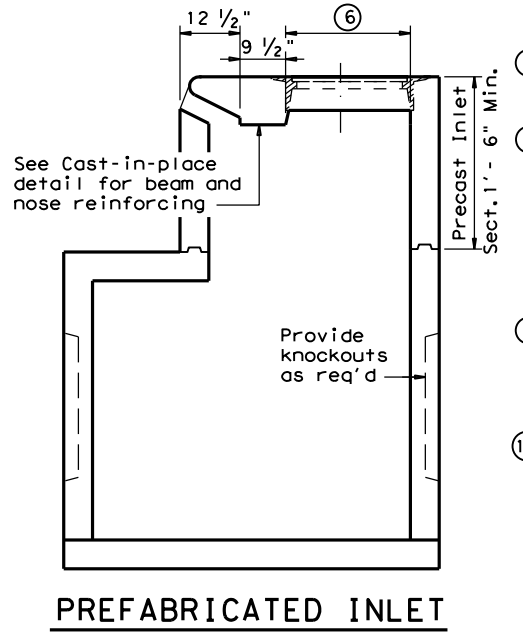


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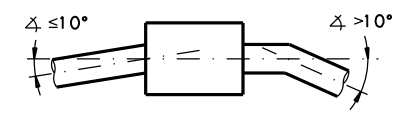


PLAN

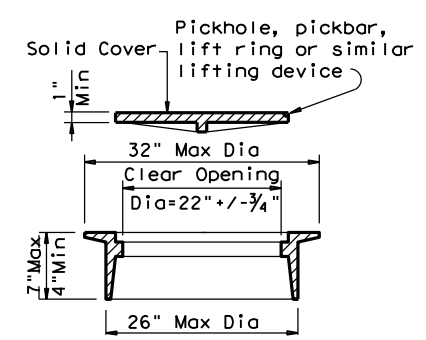


PREFABRICATED INLET

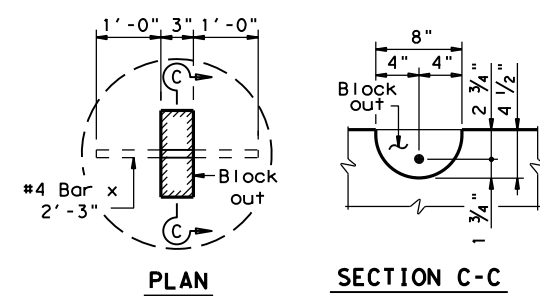
- ① Block out to accommodate extension if used and to place 4 Bars L
- ② For reinforcing steel and dimensions not shown, see fabricator's shop drawings. Structure shall be of the size required to accommodate size of pipe shown elsewhere in the plans. Length of inlet = 6'-0".
- ③ 1'-7" usual, adjust placement of Ring and Cover as necessary to avoid conflict with Bars H.
- ④ Alternative ring and covers may only be used if approved by Engineer. Refer to the "TxDOT Approved Cast Iron Product Sheets" located on the TxDOT Bridge Standards website for alternatives to be approved.



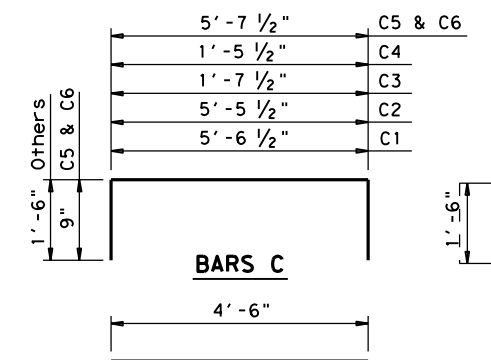
PIPE CONNECTION DETAIL



RING AND COVER DETAILS

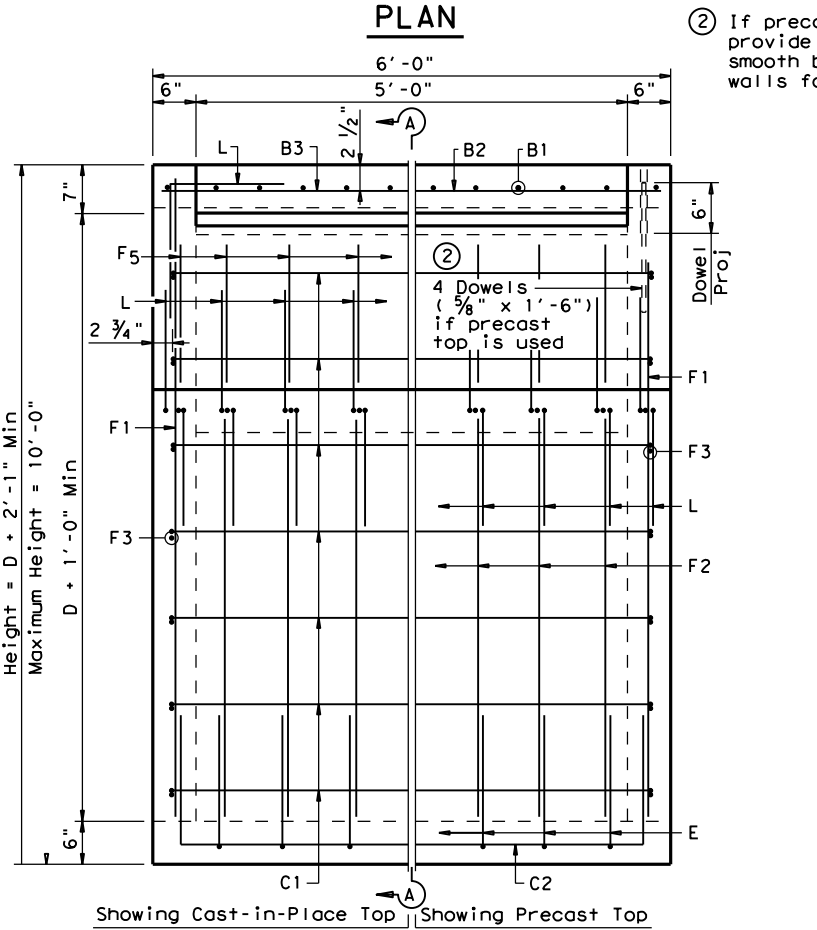


LIFTING CATCH

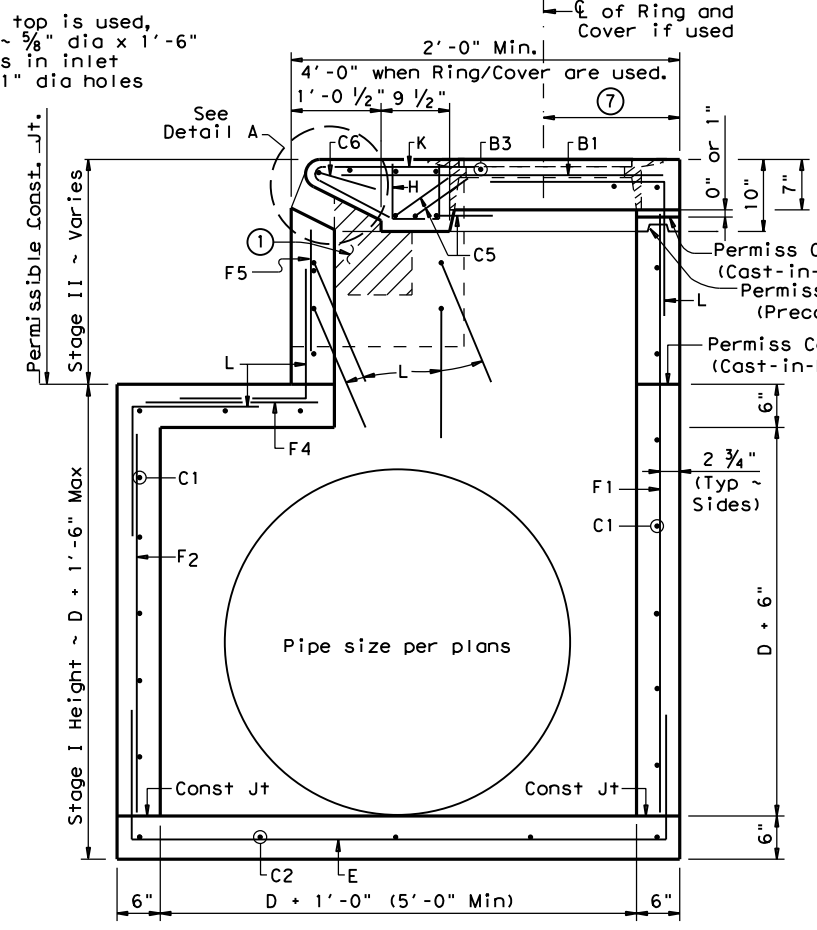


Bar	Size	Spacing
B1	#4	6"
B2	#5	6"
B3	#4	6"
C1-C2	#4	12"
C3-C4	#4	⑨
C5	#6	⑨
C6	#4	⑨
D	#4	⑨
E	#4	12"
F1-F5	#4	12"
G	#4	6"
H	#3	4"
K	#4	9"
L	#4	6"

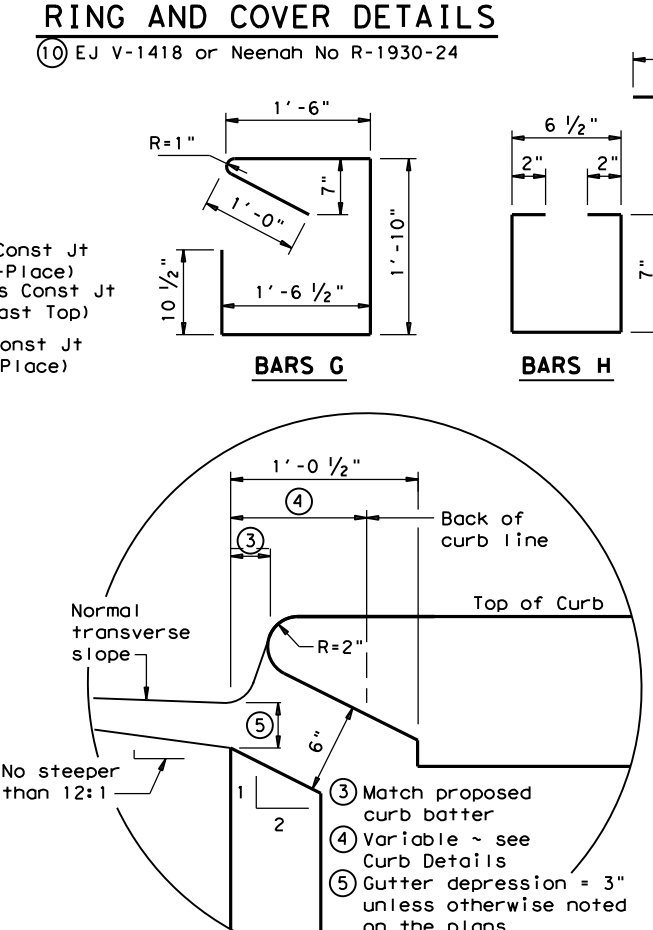
⑨ As shown



ELEVATION



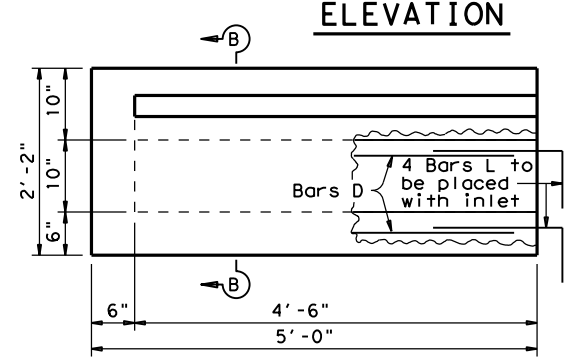
SECTION A-A



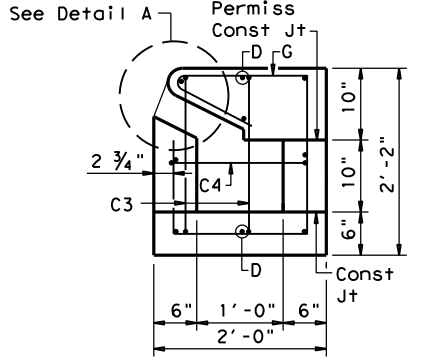
DETAIL A

GENERAL NOTES:

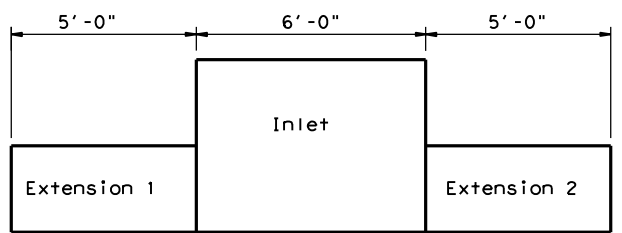
No alternate designs nor alternate details shall be permitted for precast or cast in place inlets. Quantities shown herein are for Contractor's information only. Unless otherwise shown in the plans, payment will be made for each extension of the type specified and for each extension. Each five foot curb 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 M 306-10, "Standard Specification for Drainage, Sewer, Utility, and Related 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. Provide Class "C" Concrete for CIP or Class "H" Concrete for Precast Elements With Modifications Per Item 465. Provide Min f'c=3,600psi. Provide Grade 60 Reinforcing Steel.



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
Bridge Houston District Standard

CURB INLET TYPE C1 (WITH OR WITHOUT EXTENSION)

HIL-C1-25 (HOU)

FILE: HIL-C1-25 (HOU).DGN	DN: TxDOT	CK: TxDOT	DW: TxDOT	CR: TxDOT
© TxDOT May 2025	CONT	SECT	JOB	HIGHWAY
REVISIONS	DIST			
02/2010: Note for alternate design & opening on the back of inlet.				
07/2015: Removed ladder rung & wording				
05/2025: 2024 Spec Updates				
Added Note 10 for alternate ring & cover.				

DATE: FILE: