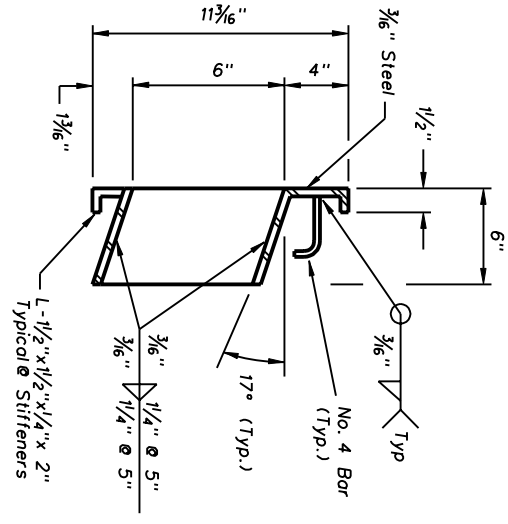


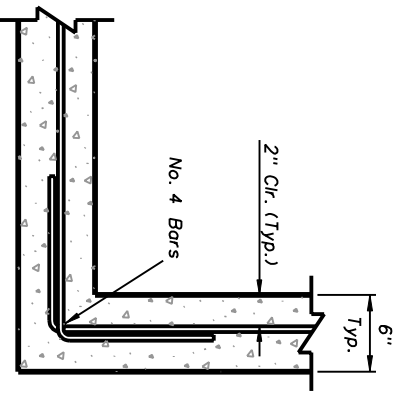
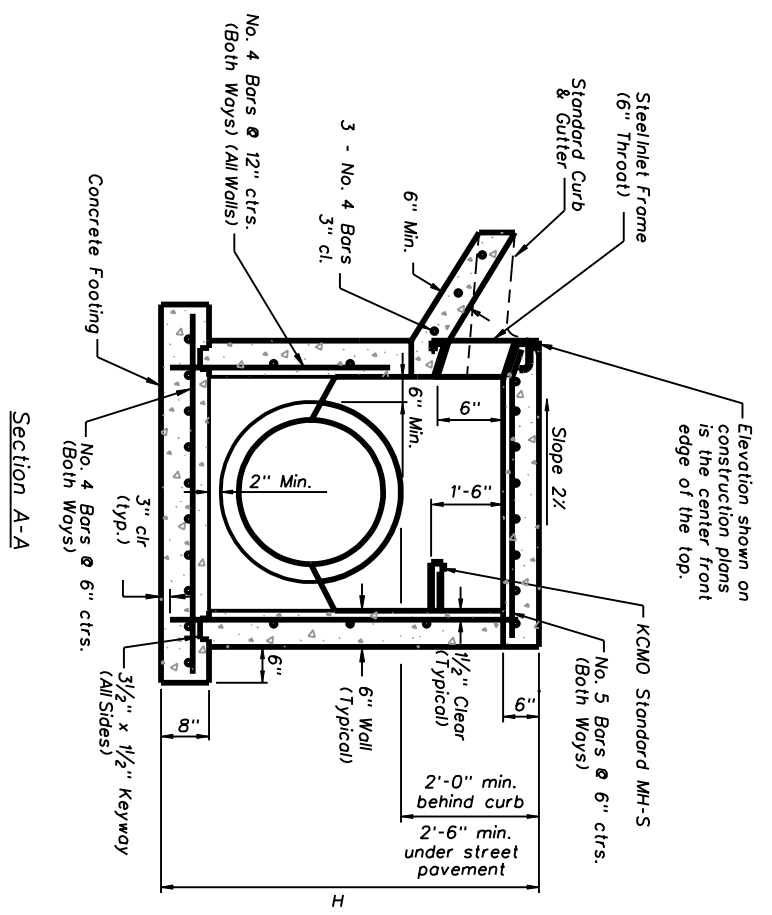
**Steel Inlet Frame Notes**

1. All welds shall be performed in accordance with appropriate AWS Specifications and Procedures.
2. All welds on exposed surfaces shall be dressed so as to provide a pleasing finished surface.
3. The entire frame shall be galvanized per ASTM A-123.
4. Steel inlet frame stiffeners shall be at equal intervals not to exceed 4'-0".

1. All work shall meet the requirements of APWA-KC/MO 2600.
2. Inlet lid and throat shall conform to the street grade, except sump inlets which shall be level.
3. The first dimension listed in the construction notes is the "L" dimension. The second dimension is the "W" dimension.
4. Locate KC/MO Standard MH-RC ring and cover over outlet. Add a second ring and cover over inlet when L=11'.
5. Steps shall be spaced at 1'-4" O.C. vertically. The distance from the last step to the top of concrete invert should be a maximum of 24".
6. Bevel exposed edges with 3/4" chamfer or 1/2" tool edge.
7. Expansion joint material shall comply with APWA - KC/MO 2209.
8. The tops may be precast. When poured in place, the wall steel shall be left exposed to a height 2" below the finish top elevation, or as directed by the City Engineer.
9. Boxouts shall not project through the structure corners. Reinforcing shall be bent around pipe openings when possible. When reinforcing is cut, a diagonal bar shall be used to tie all cut ends together.
10. Floor of inlet shall be shaped with invert to provide smooth flow.
11. Reinforcing steel shall be ASTM A615 Grade 40 new billet, and shall be bent cold.
12. All dimensions relative to reinforcing steel are to centerline of bars. 2" clearance shall be provided throughout unless noted. Tolerance of +/- 1/8" shall be permitted.
13. All lap splices not shown shall be a minimum of 40 bar diameters in length.
14. The bottom slab shall be at least 24 hours old before placing sidewall concrete. All sidewall forms shall remain in place a minimum of 24 hours after sidewalks are poured before removal, and other removal shall be immediately treated with membrane curing compound.
15. Precast inlets shall be set on four 8" solid concrete blocks with one at each corner, and the base and invert shall be poured monolithically. The vertical reinforcing shall be as per cast in place, except that the bars shall not protrude through the lid and base.
16. All curb inlet tops are to be constructed after final curb string line has been approved by the Engineer and prior to curb construction.
17. Pipe connections to precast structures shall have a minimum of 6" of concrete around the entire pipe within 2' of the structure, unless sealed with approved flexible waterproof gaskets in precast openings. Minimum clearance between pipe boxouts and precast riser joints is 8" without special design.
18. Backfill around structures shall comply with APWA-KC/MO 2604.3.D.
19. These drawings are not to scale. Any questions regarding dimensions shall be brought to the attention of the Engineer prior to construction.
20. The structure elevation shown on the plans is the top surface over the locating point.
21. The curb inlet throat shall be 2" wide at the expansion joints, regardless of curb type.



**Section B-B**



**WALL CORNER DETAIL**

THIS STANDARD IS ADAPTED FROM 1996 APWA "C-2" FOR USE IN RECONSTRUCTION OF NON-SETBACK CURB INLETS ONLY.

**ADOPTED**

Acting Director of Public Works Date 6/26/03  
Entry No. \_\_\_\_\_

**Kansas City, Missouri**  
Public Works Department  
Engineering Division

CURB INLET TYPE 2 STANDARD DRAWING NUMBER C1-2