

**RULE NO: R161-19.23****POSTING DATE: October 8, 2019****NOTICE OF PROPOSED RULE**

The Director of Watershed Protection Department proposes to adopt the following rule after November 9, 2019.

Comments on the proposed rule are requested from the public. Comments should be submitted to Dana Lappin, 505 Barton Springs Road, Suite 1100, Austin Texas, 78704, 974-2634, or via email at [dana.lappin@austintexas.gov](mailto:dana.lappin@austintexas.gov). To be considered, comments must be submitted before November 9, 2019, the 32nd day after the date this notice is posted. A summary of the written comments received will be included in the notice of rule adoption that must be posted for the rule to become effective.

An affordability impact statement regarding the proposed rule has been obtained and is available for inspection or copying at the address noted in the preceding paragraph.

**EFFECTIVE DATE OF PROPOSED RULE**

A rule proposed in this notice may not become effective before the effective date established by a separate notice of rule adoption. A notice of rule adoption may not be posted before November 9, 2019 (the 32nd day after the date of this notice) or not after December 17, 2019 (the 70th day after the date of this notice).

If a proposed rule is not adopted on or before December 17, 2019, it is automatically withdrawn and cannot be adopted without first posting a new notice of a proposed rule.

**TEXT OF PROPOSED RULE**

A copy of the complete text of the proposed rule is available for public inspection and copying at the following locations. Copies may be purchased at the locations at a cost of ten cents per page:

Watershed Protection Department, located at 505 Barton Springs Road, Suite 1200, Austin, TX, 78704; and

Office of the City Clerk, City Hall, located at 301 West 2nd Street, Austin, Texas.

## **BRIEF EXPLANATION OF PROPOSED RULE**

R161-19.23: Revises the Standards Manual as follows:

- Standard Detail 508S-4 – Repeals and replaces Standard Detail 508S-4 to clarify drawings, to add a detail for 5' inlets, and to renumber existing drawings.

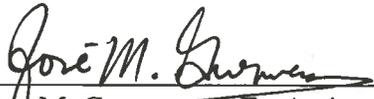
## **AUTHORITY FOR ADOPTION OF PROPOSED RULE**

The authority and procedure for the adoption of a rule to assist in the implementation, administration, or enforcement of a provision of the City Code is established in Chapter 1-2 of the City Code. The authority to regulate design and construction of drainage facilities and improvements is established in Section 25-7-151 of the City Code.

**CERTIFICATION BY CITY ATTORNEY**

By signing this Notice of Proposed Rule (R161-19.23), the City Attorney certifies the City Attorney has reviewed the rule and finds that adoption of the rule is a valid exercise of the Director's administrative authority.

**REVIEW AND APPROVED**

  
\_\_\_\_\_  
Jose M. Guerrero, P.E., Acting Director  
Watershed Protection Department

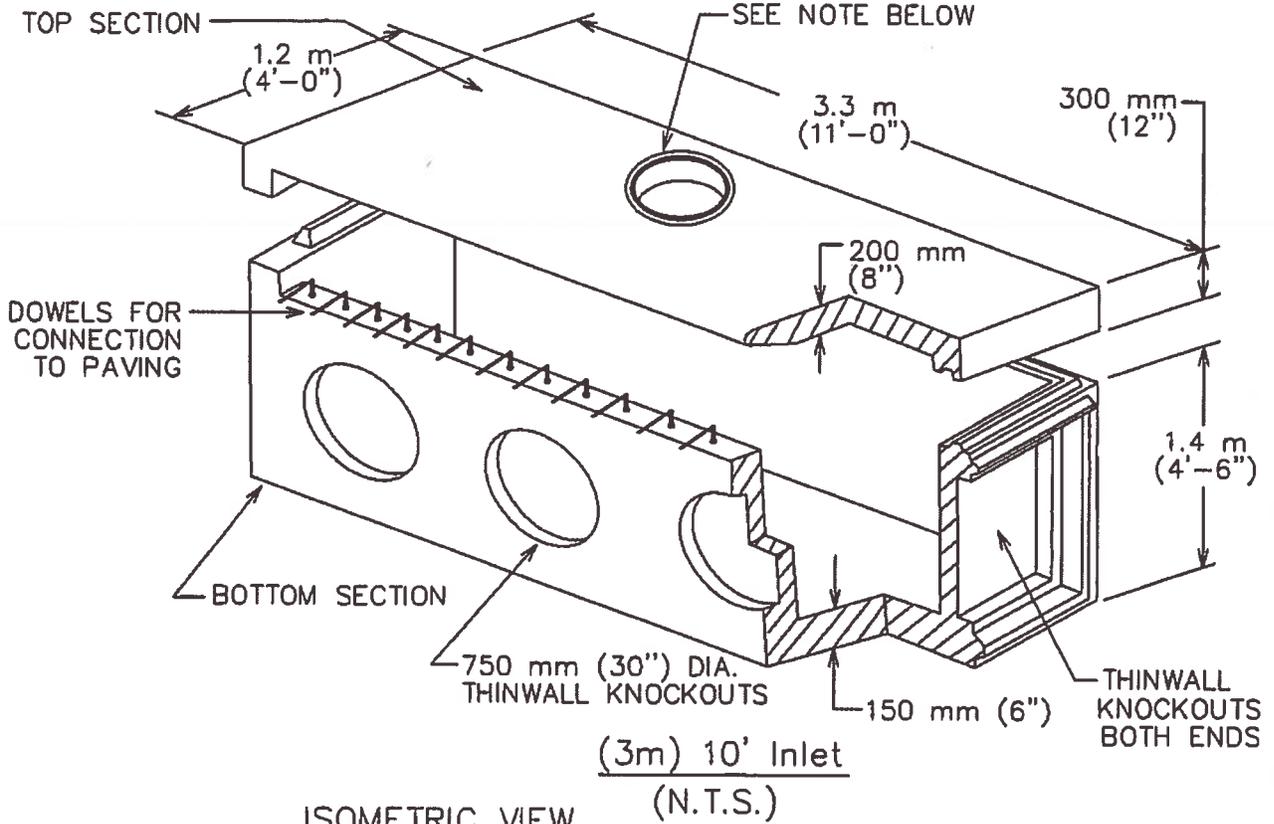
Date: 09-23-2019

  
\_\_\_\_\_  
Anne Morgan  
City Attorney

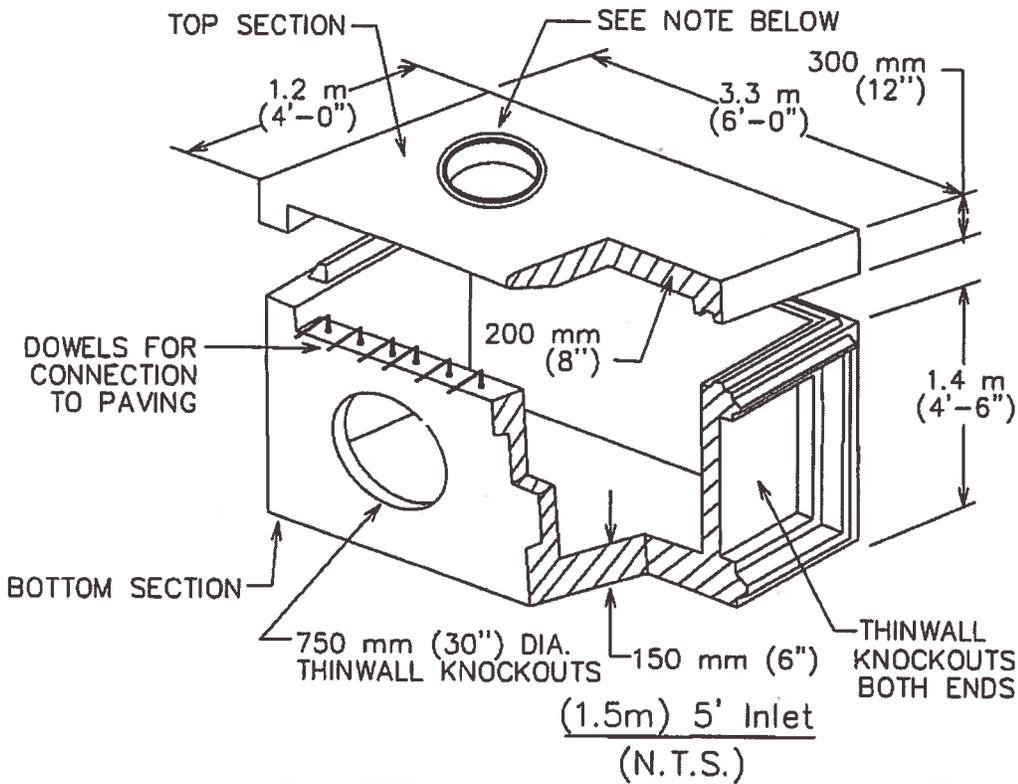
Date: 10/4/19

This Notice of Proposed Rules was posted on a central bulletin board at City Hall by the City Clerk. Date and time stamp is on the front of the notice.

ISOMETRIC VIEW



ISOMETRIC VIEW



NOTE:  
MANHOLE FRAME  
AND COVER  
SHALL BE IN  
ACCORDANCE WITH  
CITY OF AUSTIN  
STANDARD 503S-1

CITY OF AUSTIN  
WATERSHED PROTECTION DEPARTMENT

CURB INLET 1.5m(5') AND 3m(10') PRECAST  
TYPE 1 OR TYPE 1-R

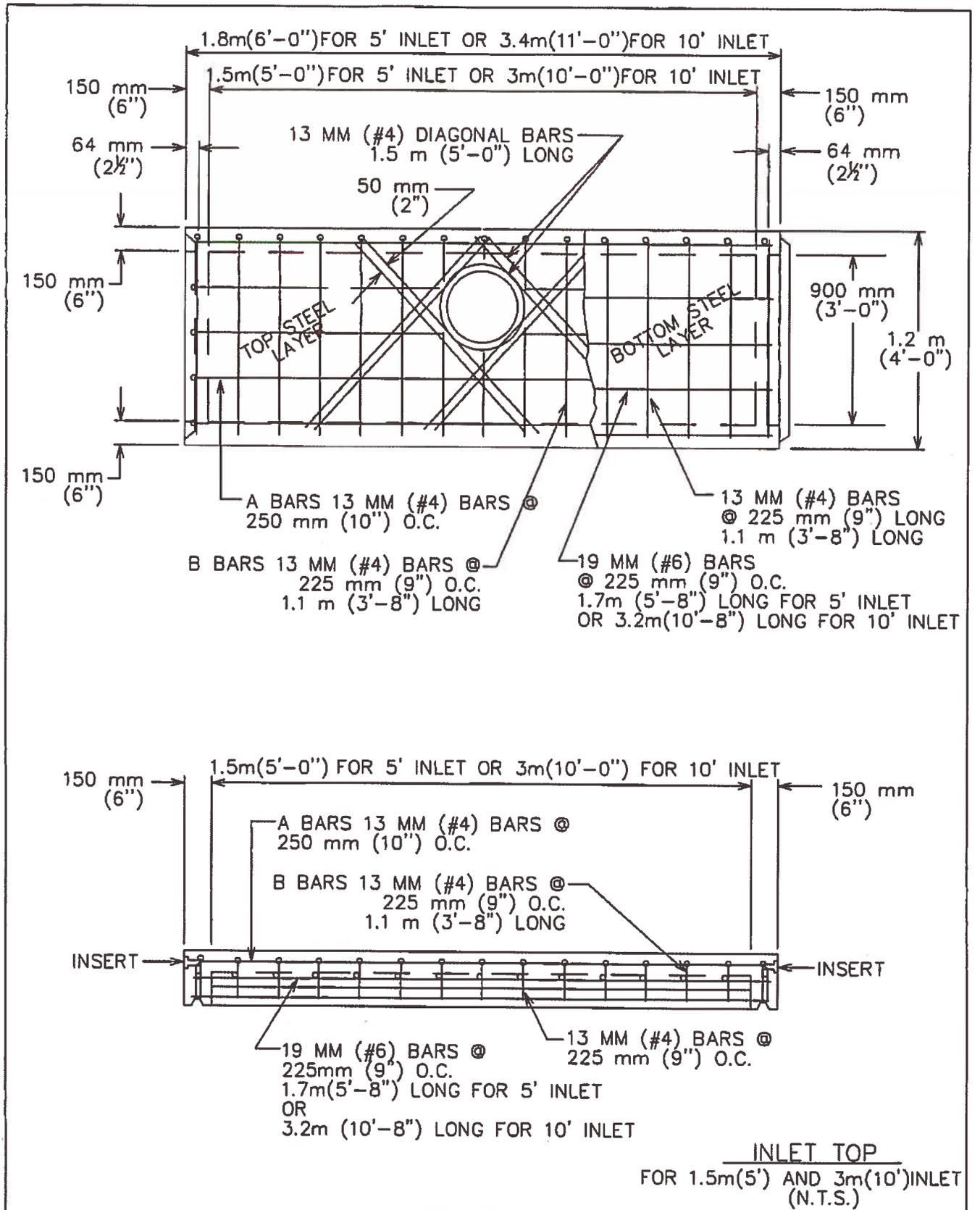
THE ARCHITECT/ENGINEER ASSUMES  
RESPONSIBILITY FOR APPROPRIATE USE  
OF THIS STANDARD.

STANDARD NO.

508S-4

1 OF 7

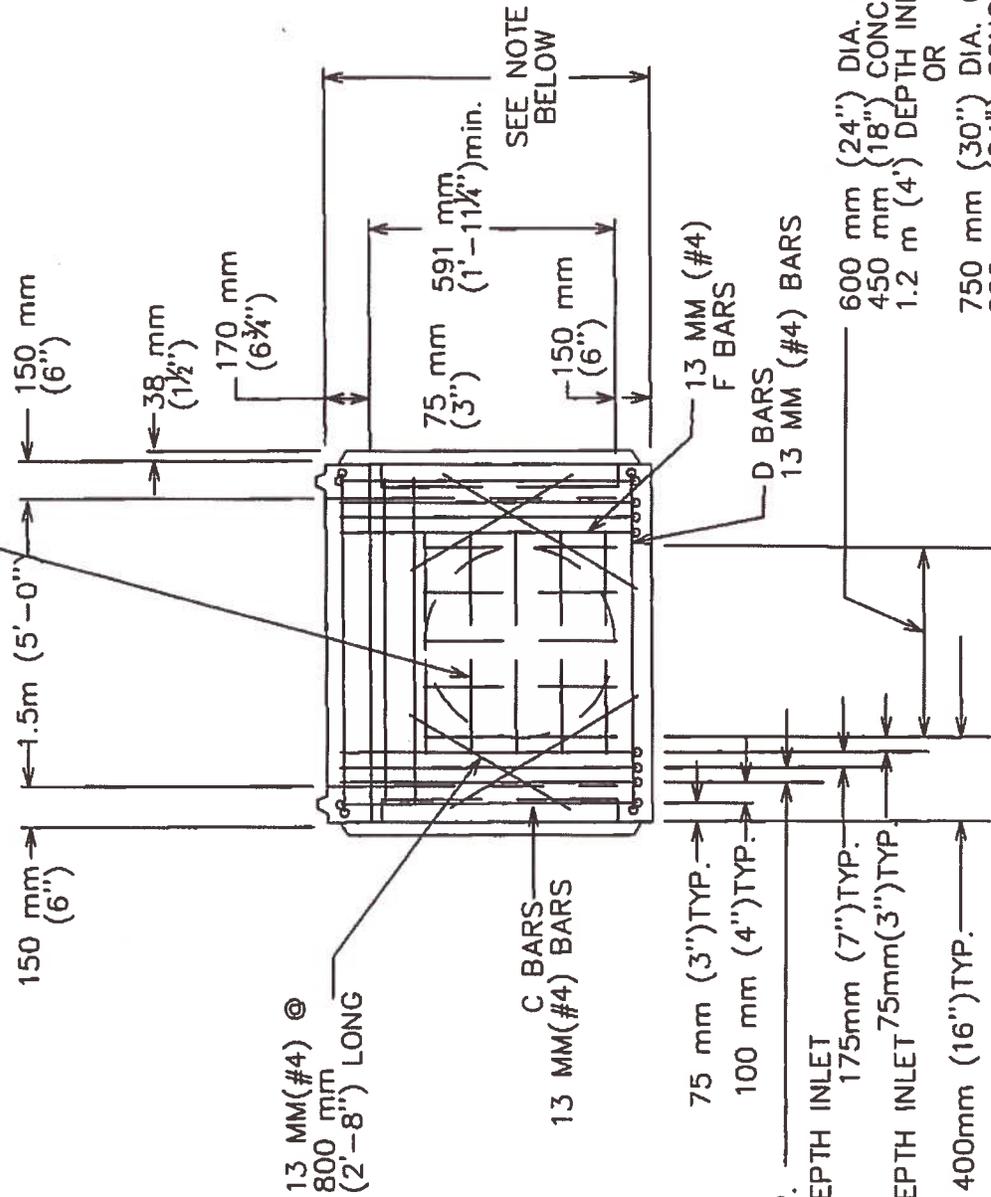
ADOPTED



CITY OF AUSTIN WATERSHED PROTECTION DEPARTMENT	CURB INLET 1.5m(5') AND 3m(10') PRECAST TYPE 1 OR TYPE 1-R	
_____ ADOPTED	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. <b>508S-4</b> 2 OF 7



150 mm X 150 mm - MW20 X MW20  
(6" X 6" - W2.9XW2.9)  
WELDED WIRE FABRIC



600 mm (24") DIA. OPENING FOR  
450 mm (18") CONCRETE PIPE (TYP.) FOR  
1.2 m (4') DEPTH INLET  
OR  
750 mm (30") DIA. OPENING FOR  
600 mm (24") CONCRETE PIPE (TYP.) FOR  
1.5 m (5') DEPTH INLET

NOTE:  
900 mm (3'-0") FOR 1.2 m (4') DEPTH INLET  
1.2 m (4'-0") FOR 1.5 m (5') DEPTH INLET

(1.5m) 5' Inlet  
(N.T.S.)

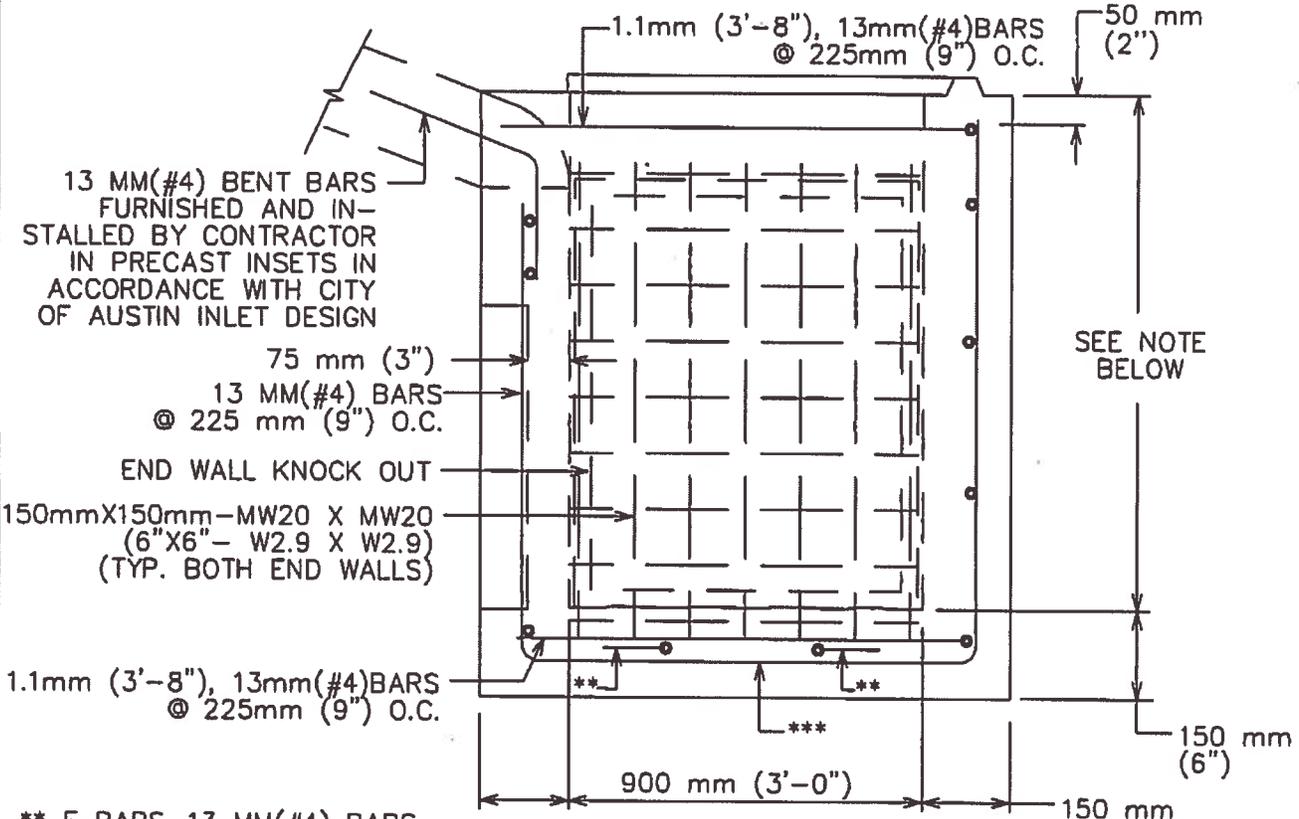
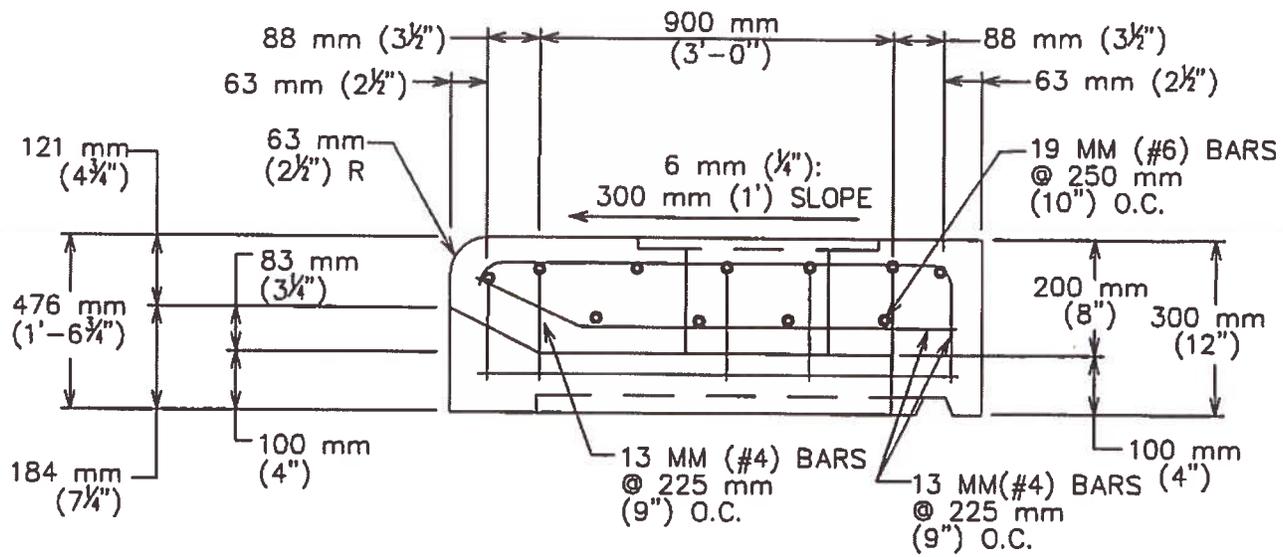
CITY OF AUSTIN  
WATERSHED PROTECTION DEPARTMENT

CURB INLET 1.5m(5') AND 3m(10') PRECAST  
TYPE 1 OR TYPE 1-R

THE ARCHITECT/ENGINEER ASSUMES  
RESPONSIBILITY FOR APPROPRIATE USE  
OF THIS STANDARD.

STANDARD NO.  
508S-4  
4 OF 7

ADOPTED



13 MM(#4) BENT BARS FURNISHED AND INSTALLED BY CONTRACTOR IN PRECAST INSERTS IN ACCORDANCE WITH CITY OF AUSTIN INLET DESIGN

75 mm (3") 13 MM(#4) BARS @ 225 mm (9") O.C.

END WALL KNOCK OUT 150mmX150mm-MW20 X MW20 (6"X6"- W2.9 X W2.9) (TYP. BOTH END WALLS)

1.1mm (3'-8"), 13mm(#4)BARS @ 225mm (9") O.C.

\*\* E BARS-13 MM(#4) BARS @ 250 mm (10") O.C.

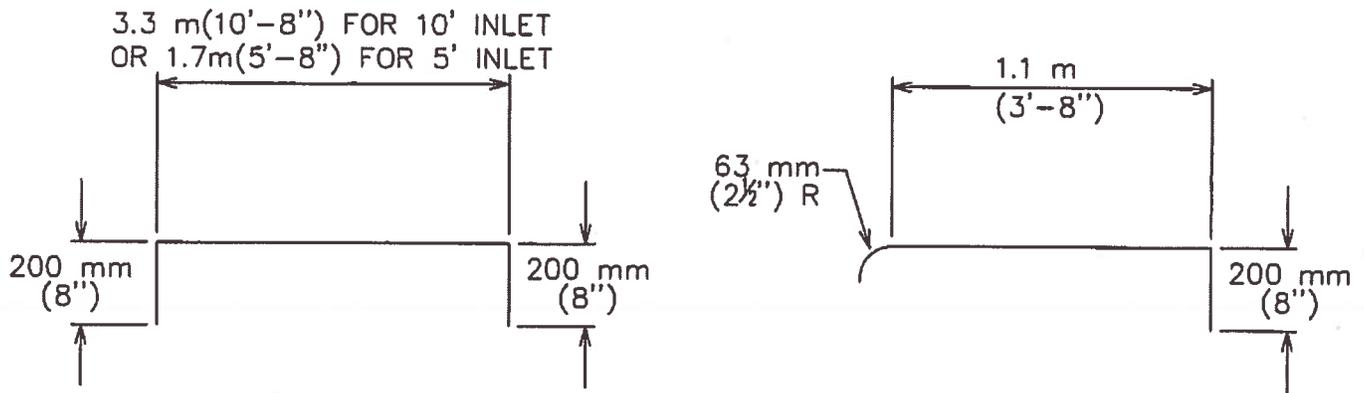
\*\*\* F BARS-13 MM(#4) BARS

SEE NOTE BELOW

ELEVATION - SECTION FOR 1.5m(5') AND 3m(10') INLET (N.T.S.)

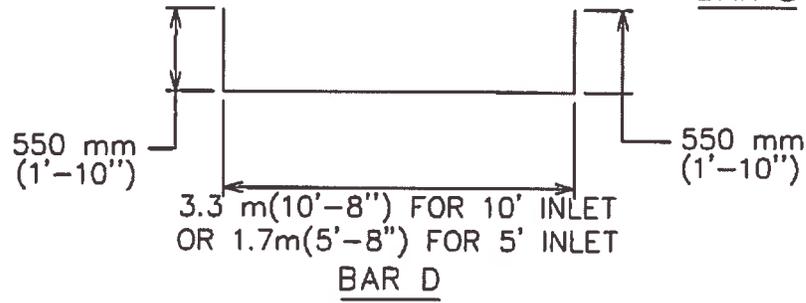
NOTE:  
900 mm (3'-0") FOR 1.2 m (4') DEPTH INLET  
1.2 m (4'-0") FOR 1.5 m (5') DEPTH INLET

CITY OF AUSTIN WATERSHED PROTECTION DEPARTMENT	CURB INLET 1.5m(5') AND 3m(10') PRECAST TYPE 1 OR TYPE 1-R	
_____ ADOPTED	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. <b>508S-4</b> 5 OF 7

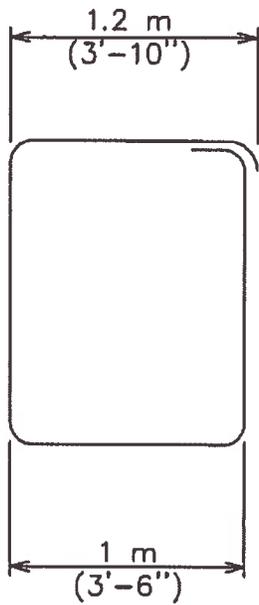


BAR A

BAR B

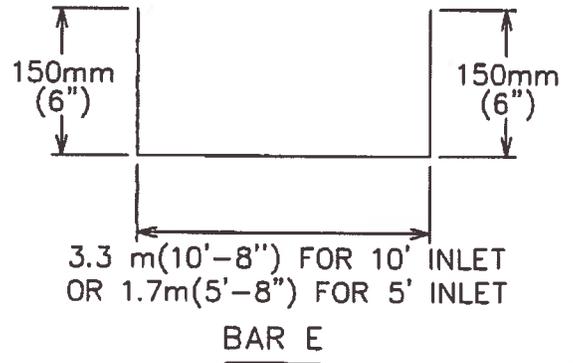


BAR D



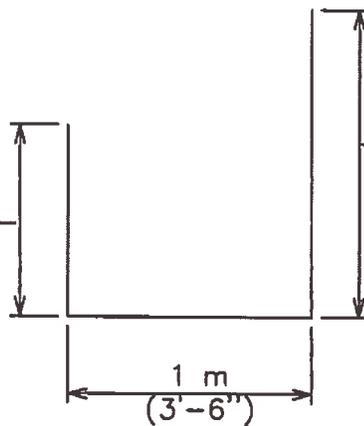
BAR C

850 mm (2'-10") FOR  
1.2 (4') DEPTH INLET,  
OR  
1.1 m (3'-10") FOR  
1.5 m (5') DEPTH INLET



BAR E

850 mm (2'-10") FOR  
1.2 m (4') DEPTH INLET,  
OR  
1.1 m (3'-10") FOR  
1.5 m (5') DEPTH INLET



BAR F

616 mm (2'-1/4") FOR  
1.2 m (4') DEPTH INLET,  
OR  
921 mm (3'-1/4") FOR  
1.5 m (5') DEPTH INLET

<p>CITY OF AUSTIN WATERSHED PROTECTION DEPARTMENT</p>	<p>CURB INLET 1.5m(5') AND 3m(10') PRECAST TYPE 1 OR TYPE 1-R</p>	
<p>_____ ADOPTED</p>	<p>THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.</p>	<p>STANDARD NO. <b>508S-4</b> 6 OF 7</p>

NOTES:

1. ALL CONCRETE SHALL BE CLASS "A" AS PER ITEM 403S.
2. ALL REINFORCING STEEL SHALL BE GRADE 60
3. DIMENSIONS RELATING TO REINFORCING STEEL ARE TO CENTERS OF BARS.
4. IN AREAS OF CONFLICT BETWEEN REINFORCING STEEL, PIPES AND MANHOLE FRAME, THE REINFORCEMENT SHALL BE BENT OR ADJUSTED TO CLEAR AS DIRECTED BY THE ENGINEER.
5. PAYMENT FOR INLET AT THE CONTRACT PRICE SHALL INCLUDE THE TRANSITION CURB, IN ACCORDANCE WITH CITY OF AUSTIN STANDARD INLET DESIGN.
6. INVERT OF INLET SHALL BE SLOPED 1:20 WITH FILL CONCRETE BY CONTRACTOR, SHAPED AS "V" SECTION
7. THIS STANDARD COMPLIES WITH THE CITY OF AUSTIN STANDARD SPECIFICATIONS ITEM NO. 508S.
8. WHEN PLACING PRECAST INLETS IN SERIES TO CREATE A 15'-0" OR 20'-0" CURB INLET, THE CONNECTION BETWEEN INLET BOXES SHALL BE SOIL TIGHT AND FULLY CONVEY THE PEAK DESIGN FLOW FROM THE UPSTREAM INLET(S). THE 1:20 INVERT SLOPE DESCRIBED IN NOTE 6 OF THIS DETAIL SHALL EXTEND FROM THE MOST DOWNSTREAM POINT TO THE MOST UPSTREAM OF THE CONNECTED INLET BOXES. AT NO TIME CAN MORE THAN 20-LF OF CURB OPENING BE CONNECTED TO A MAIN STORM DRAIN LINE WITH ONE LATERAL STORM DRAIN CONNECTION.

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