

The City of San Marcos  
Engineering and Capital Improvements

TYPICAL PRE-CAST CURB INLET

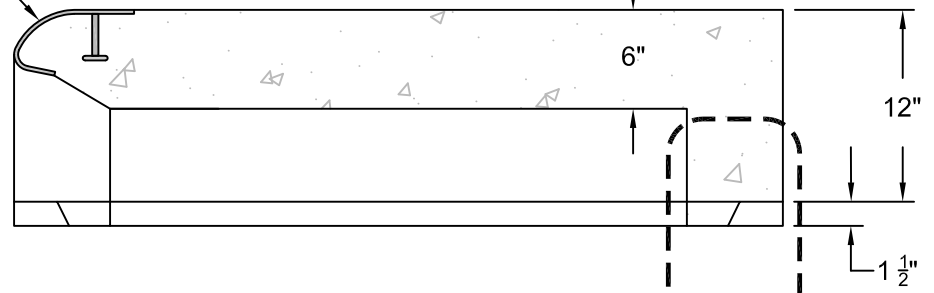
RECORD COPY SIGNED BY 2/15/2019  
LAURIE MOYER, P.E. ADOPTED

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

STANDARD NO.  
**508S-3-SM**  
1 OF 4

10'-0" GALVANIZED CURB ARMOR

2% SLOPE (TYP)



DETAIL "B"

DETAIL "A"

3 BARS #4 13' LONG

(#4) BENT BARS FURNISHED AND INSTALLED BY CONTRACTOR IN PRECAST INSETS IN ACCORDANCE WITH CITY INLET DESIGN

CONSTRUCTION JOINT

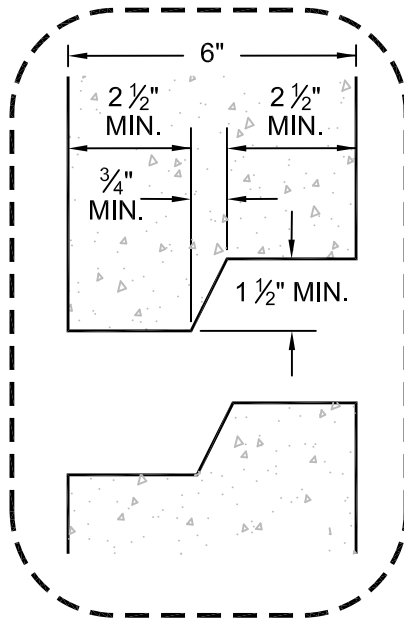
"V" SECTION (TYP.) FILL CONCRETE

(3' - 0")  
(3' - 6")  
(4' - 0")

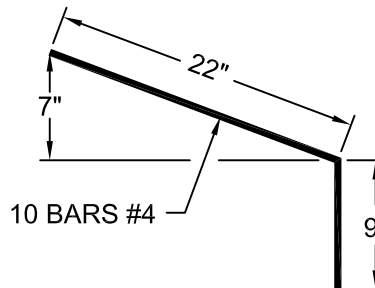
6" FLOOR

6" 3'-0" 6"

**ELEVATION - SECTION A-A**



**DETAIL "A"**



**DETAIL "B"**

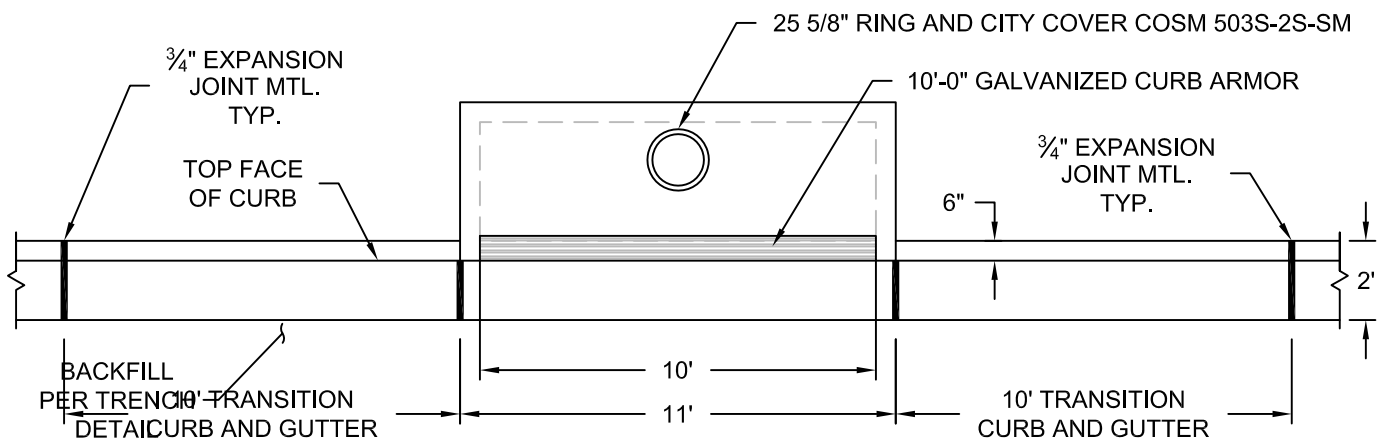
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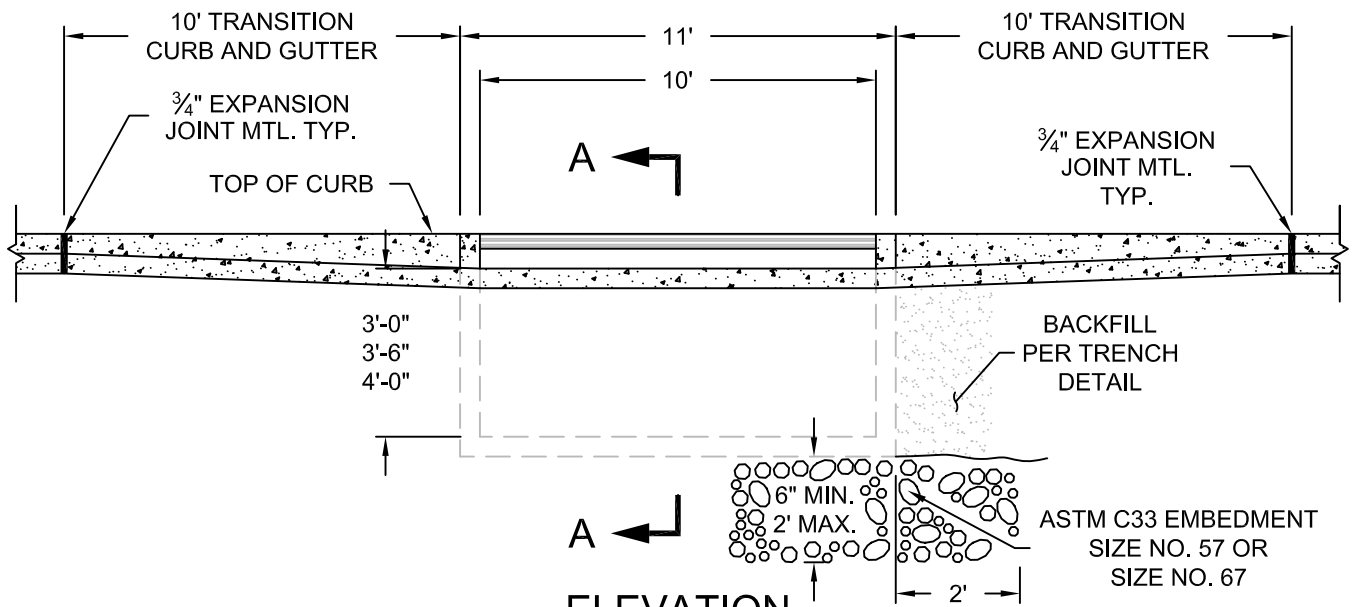
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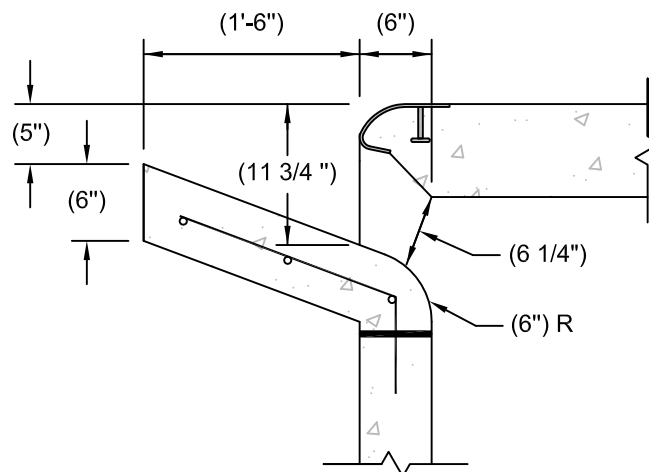
STANDARD NO.  
**508S-3-SM**  
2 OF 4



**PLAN VIEW**



**ELEVATION**



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**TYPICAL PRE-CAST CURB INLET**

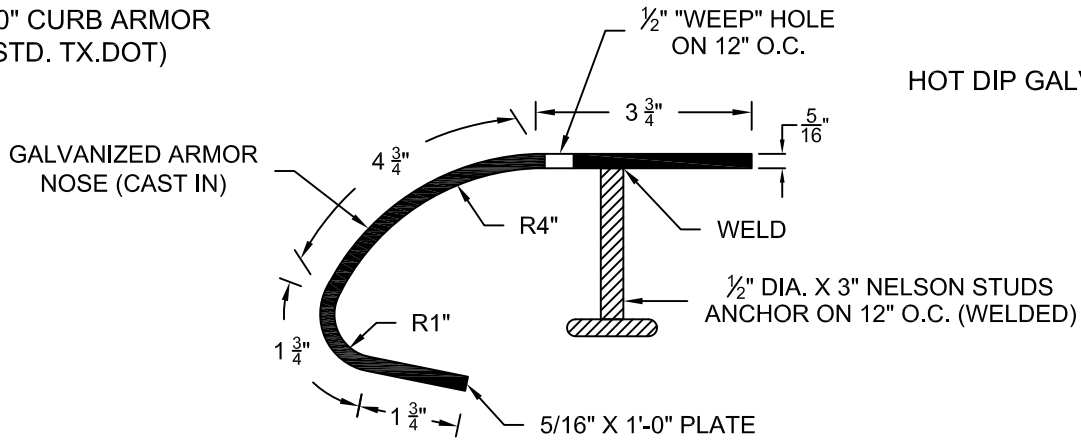
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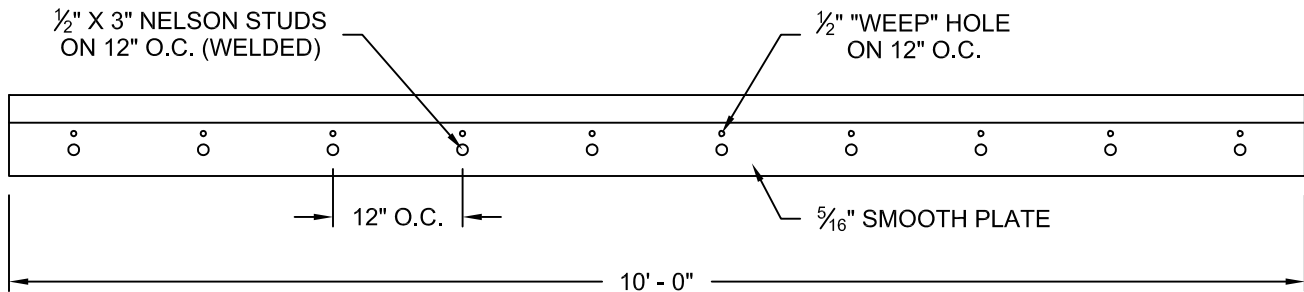
STANDARD NO.  
**508S-3-SM**  
3 OF 4

10' - 0" CURB ARMOR  
(STD. TX.DOT)

HOT DIP GALVANIZED



**GALVANIZED ARMOR NOSE**



**GALVANIZED ARMOR NOSE  
PLAN VIEW**

**GENERAL NOTES:**

1. REINFORCING STEEL SHALL COMPLY WITH ASTM A615 GRADE 60. BAR BENDING AND PLACEMENT SHALL COMPLY WITH LATEST ACI STANDARDS. DESIGN BASED ON AASHTO HS 20 LOADING.
2. DRILL 6" DEEP HOLES (5/8" DIA.) AT 12" O.C. ON 3'-6" AND 4'-0" BASES. HOLES SHALL BE DRILLED IN THE FIELD PER THE DIRECTION OF THE CITY INSPECTOR ON 3'-0" BASES.
3. 30" DIA. TWKO'S ON FRONT AND REAR OF 10'-0" INLETS. 36"W X 30"H TWKO'S ON BOTH END WALLS OF 10'-0" INLETS.
4. CHAMFER ALL EXPOSED EDGES (3/4").
5. THE CONTRACTOR MAY PROPOSE ALTERNATE PROCEDURES FOR THE CONSTRUCTION OF INLETS, INCLUDING CAST IN PLACE UNITS. PLANS FOR SUCH SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL BEFORE CONSTRUCTION.
6. ALL CONCRETE SHALL BE CLASS "C" AS PER ITEM 403S.
7. PAYMENT FOR INLET AT THE CONTRACT PRICE SHALL INCLUDE THE TRANSITION CURB, IN ACCORDANCE WITH CITY OF SAN MARCOS STANDARD INLET DESIGN.
8. INVERT OF INLET SHALL BE SLOPED 1:20 WITH FILL CONCRETE BY CONTRACTOR, SHAPED AS "V" SECTION .
9. THIS STANDARD COMPLIES WITH COSM STANDARD SPECIFICATIONS ITEM NO. 508S.

**REFERENCES**

DETAIL 430S-3-SM  
DETAIL 503S-1-SM

<p><b>The City of San Marcos</b> Engineering and Capital Improvements</p>		<p><b>TYPICAL PRE-CAST CURB INLET</b></p>	
<p>RECORD COPY SIGNED BY</p> <hr/> <p>Laurie Moyer, P.E.</p>	<p>2/15/2019</p> <hr/> <p>ADOPTED</p>	<p>THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.</p>	<p>STANDARD NO. <b>508S-3-SM</b> 4 OF 4</p>