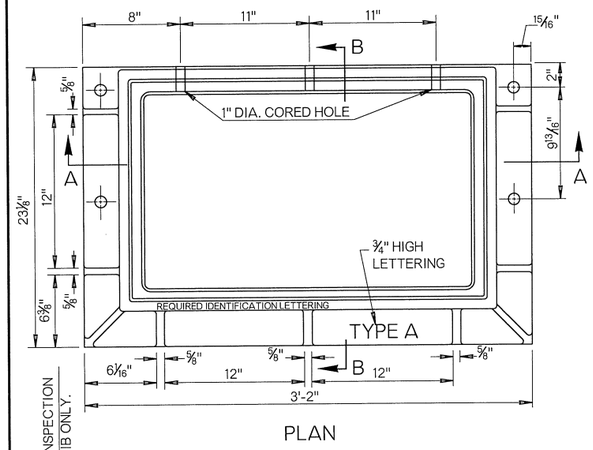
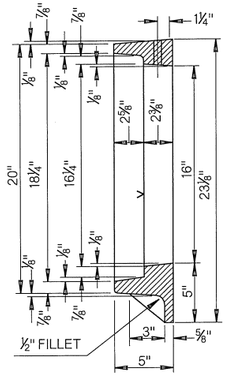
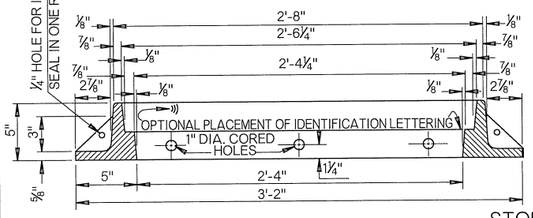


PLAN



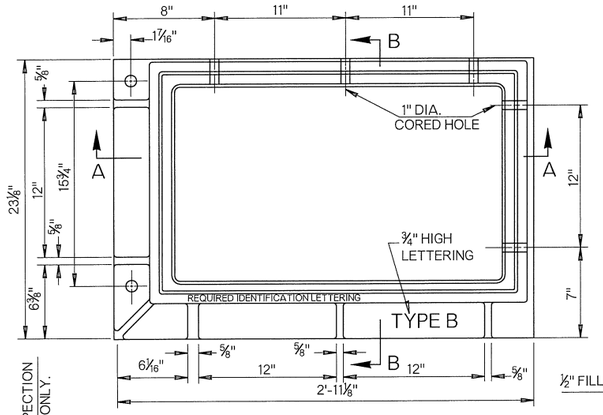
SECTION B-B

NOTE:
ONLY ONE TYPE A FRAME FOR INLET DESIGN NO. 1.

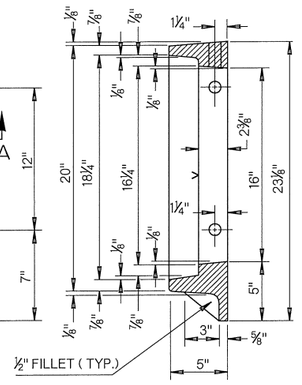


SECTION A-A

STORM SEWER INLET FRAME
TYPE A FOR INLET DESIGN NO. 1

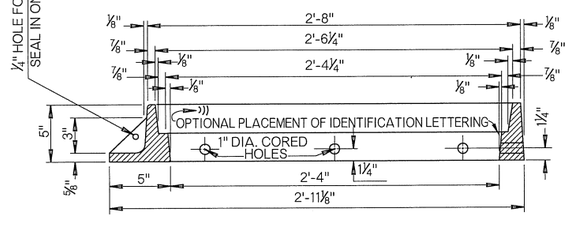


PLAN



SECTION B-B

NOTE:
MAKE ONE FRAME AS SHOWN AND ONE REVERSED FOR DOUBLE FRAMES.

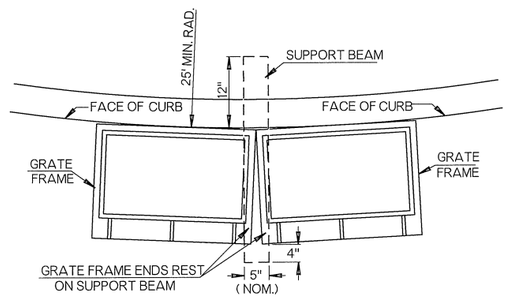


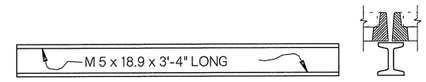
SECTION A-A

STORM SEWER INLET
FRAME TYPE B FOR
INLET DESIGN
NO. 2 AND 3

OKLAHOMA DEPARTMENT OF TRANSPORTATION

STANDARD REVISIONS	
DESCRIPTION	DATE



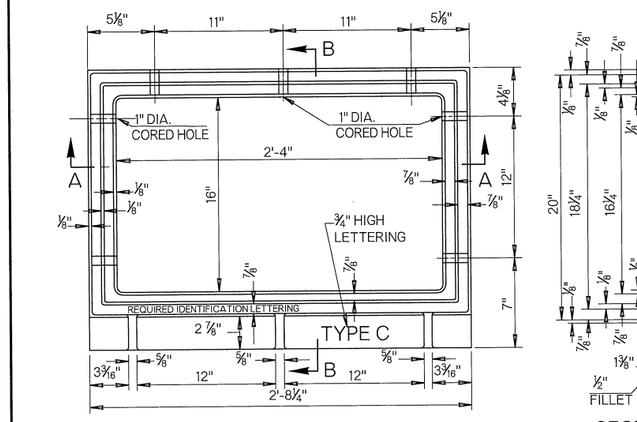


ALTERNATE SUPPORT BEAM
TO BE USED IN LIEU OF S 4 x 7.7, WHEN
STRUCTURE IS BUILT ALONG CURVED CURB

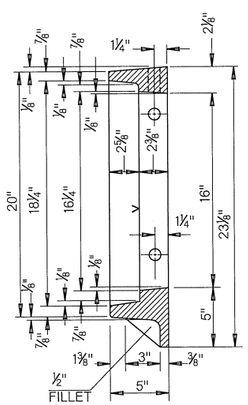
GENERAL NOTES

1. ALL CONSTRUCTION AND MATERIAL REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE 2009 ODOT STANDARD SPECIFICATIONS.
2. INLET DESIGN NO. 1 REQUIRES ONE TYPE A FRAME.
3. INLET DESIGN NO. 2 REQUIRES TWO TYPE B FRAMES AND 2 EA.-3/4" x 5" BOLTS WITH NUTS AND ONE S 4 x 7.7 x 3'-4" LONG SUPPORT BEAM. IF BUILT ON CURVED CURB, THE INLET REQUIRES 1 EA. 3/4" x 5" BOLT WITH NUT AND 1 EA. 3/4" x 6 1/2" BOLT WITH NUT AND ONE M 5 x 18.9 x 3'-4" LONG SUPPORT BEAM .
4. INLET DESIGN NO. 3 REQUIRES THE SAME APPURTENANCES AS DESIGN NO. 2 WITH TWO OR MORE TYPE C FRAMES LOCATED BETWEEN THE TWO TYPE B FRAMES AND ONE ADDITIONAL SUPPORT BEAM AND A PAIR OF BOLTS WITH NUTS FOR EACH ADDED TYPE C FRAME, PLUS ONE ADDITIONAL PAIR OF BOLTS AND SUPPORT BEAM.
5. ALL LETTERING TO BE RECESSED 1/16" AND SHALL NOT EXCEED 1" IN HEIGHT. INFORMATION REQUIRED SHALL BE STATED IN THE SPECIFICATIONS. LOCATION OF LETTERING TO BE AS SHOWN WITH ADDITIONAL IDENTIFICATION LETTERING AT OTHER LOCATIONS ACCEPTABLE.
6. FRAMES SHALL BE CAST STEEL, DUCTILE IRON, OR GRAY IRON CONFORMING TO SECTION 725 OF THE SPECIFICATIONS.
7. INLET FRAMES AND GRATES INSTALLED DURING ORIGINAL CONSTRUCTION SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF THE ORIGINAL INLET.

NOTE: MACHINING (SYMBOL ^) MAY BE ACCOMPLISHED BY MILLING OR BY LEVEL GRINDING.

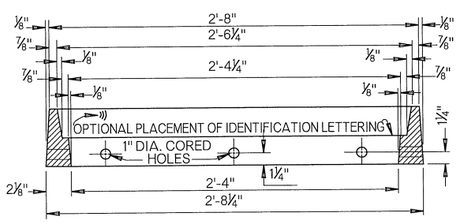


PLAN



SECTION B-B

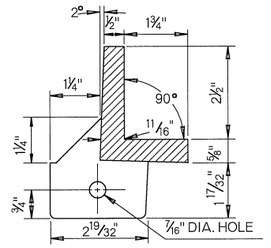
NOTE:
TWO TYPE B FRAMES AND TWO TYPE C FRAMES ARE REQUIRED FOR INLET DESIGN NO. 3.



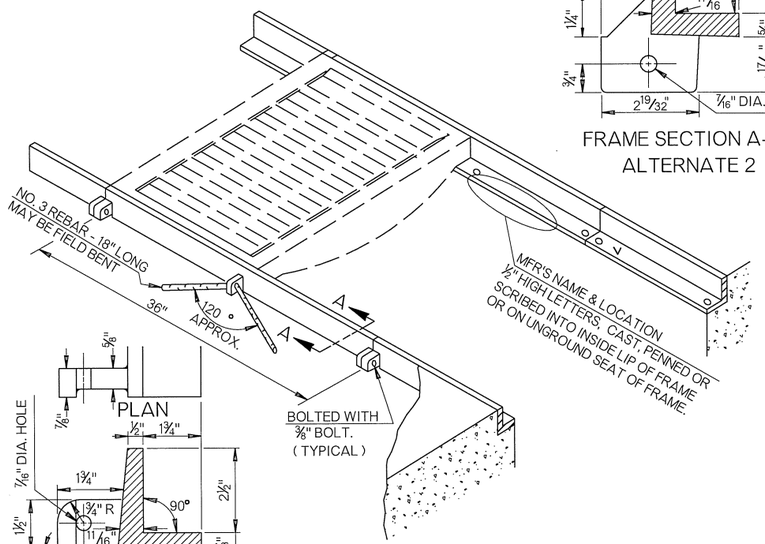
SECTION A-A

STORM SEWER INLET FRAME
TYPE C FOR INLET DESIGN NO. 3

NOTE: ONE PAY UNIT OF TYPE TR FRAME IS COMPOSED OF TWO 36" LONG SECTIONS OF FRAME. ONE TYPE TR FRAME REQUIRES TWO TRENCH TYPE GRATES (SEE ROADWAY STANDARD CIG-3). DO NOT USE FRAME TYPE GRATES IN A TRENCH INSTALLATION. COST OF BOLTS AND REBARS TO BE INCLUDED IN PRICE BID FOR INLET FRAME. FRAME MEMBERS MAY BE FURNISHED AS TWO 18" LONG PIECES, END-MATCHED, TO PROVIDE ONE 36" LONG UNIT.



FRAME SECTION A-A
ALTERNATE 2



FRAME SECTION A-A
ALTERNATE 1

STORM SEWER INLET FRAME
TYPE TR FOR TRENCH INLET

INLET FOR USE WITH INLET FRAME TR WILL NORMALLY BE A SPECIAL DESIGN REINFORCED CONCRETE BOX WITH PART(S) OF THE TOP REMOVED.

BASIS OF PAYMENT

ITEM NO.	ITEM	UNIT
611 (I)	REPLACEMENT OF INLET FRAME AND GRATE (■)	EA
611 (J)	REPLACEMENT OF INLET FRAME (■)	EA

■ TYPE OF FRAME AND TYPE OF GRATE SHALL BE SPECIFIED.

TYPE A, B, OR C FRAMES AS SHOWN HERE WITH GRATES FROM STD. CIG-3 (TYPE VG-F OR RVG-F) COMPRISE THE PAY ITEM. SEE NOTE THIS SHEET FOR PAY UNIT.

APPROVED BY
ROADWAY ENGINEER: _____ DATE: 04/16/15

ROADWAY DESIGN DIVISION STANDARD

STORM SEWER INLET FRAMES
(CURB INLETS)

OKLAHOMA DEPARTMENT OF TRANSPORTATION
2009 SPECIFICATIONS

SSIF-4	0

R-40