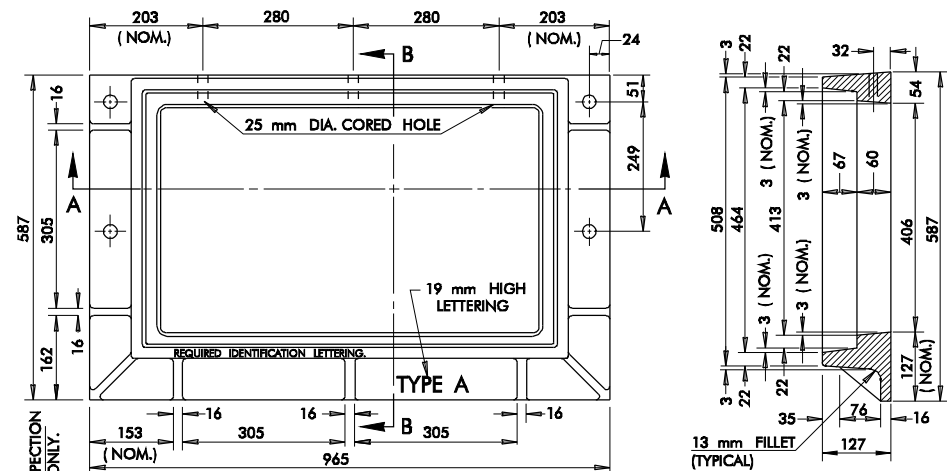


DESCRIPTION	REVISIONS	DATE
RE-ISSUE W/METRIC 1999 SPECS. Support Beam Detail	lgc 7/99	

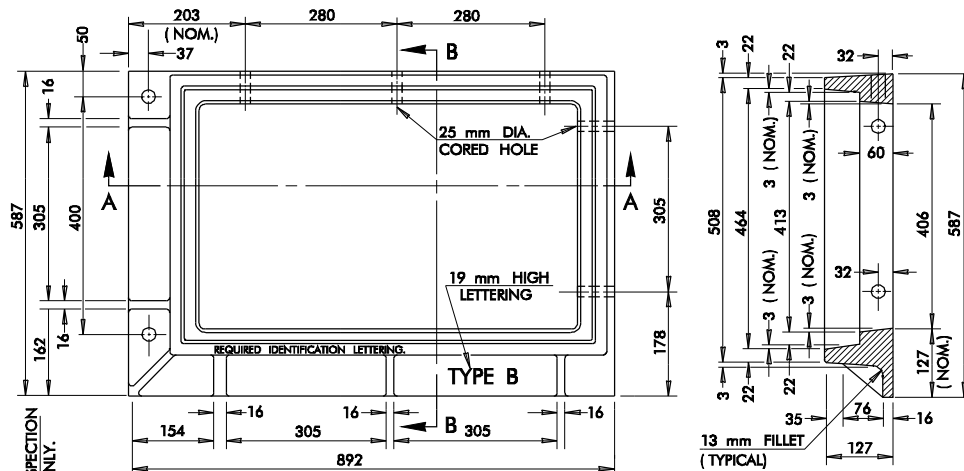


PLAN

SECTION B-B

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

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

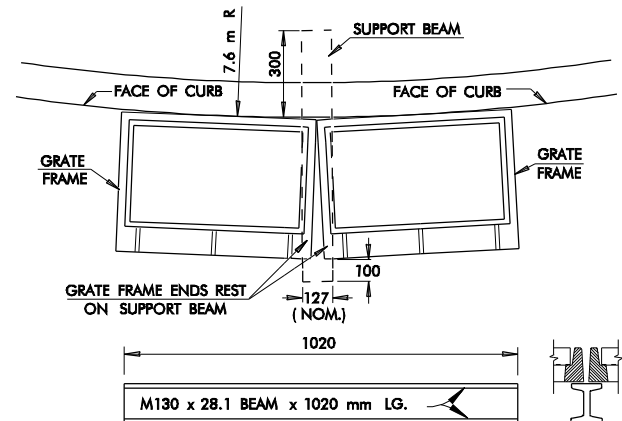


PLAN

SECTION B-B

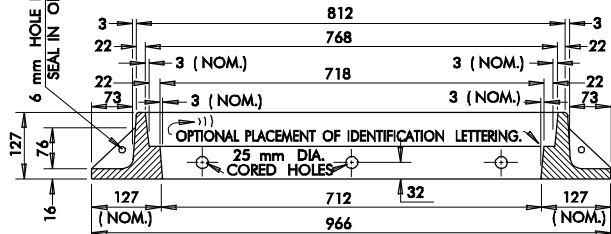
STORM SEWER INLET FRAME TYPE B FOR INLET DESIGNS NO. 2 AND 3.

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

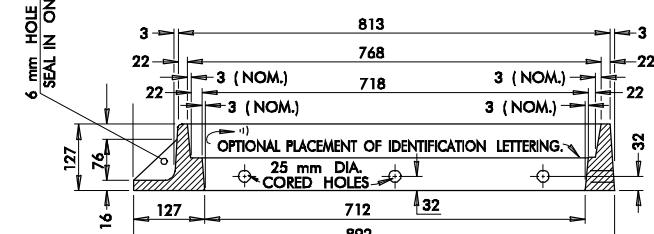


SUPPORT BEAM

TO BE USED WHEN STRUCTURE
IS BUILT ON CURVED CURB

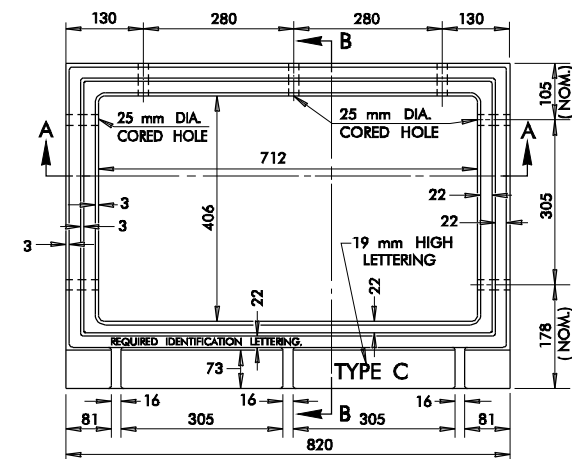


SECTION A-A



SECTION A-A

NOTE: ONE PAY UNIT OF TYPE TR FRAME IS COMPOSED OF TWO 914 mm LONG SECTIONS OF FRAME. ONE TYPE TR FRAME REQUIRES TWO TRENCH TYPE GRATES. SEE 1999 METRIC ROADWAY STANDARD DRAWING CIG-2. DO NOT USE FRAME TYPE GRATES IN A TRENCH INSTALLATION. COST OF BOLTS & REBARS TO BE INCLUDED IN PRICE BID FOR INLET FRAME. FRAME MEMBERS MAY BE FURNISHED AS TWO 457 mm LONG PIECES END-MATCHED TO PROVIDE ONE 914 mm LONG UNIT.

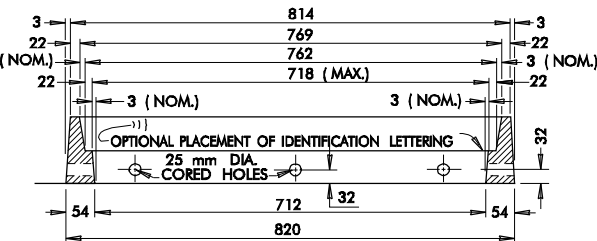


PLAN

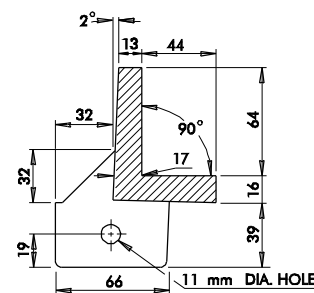
SECTION B-B

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

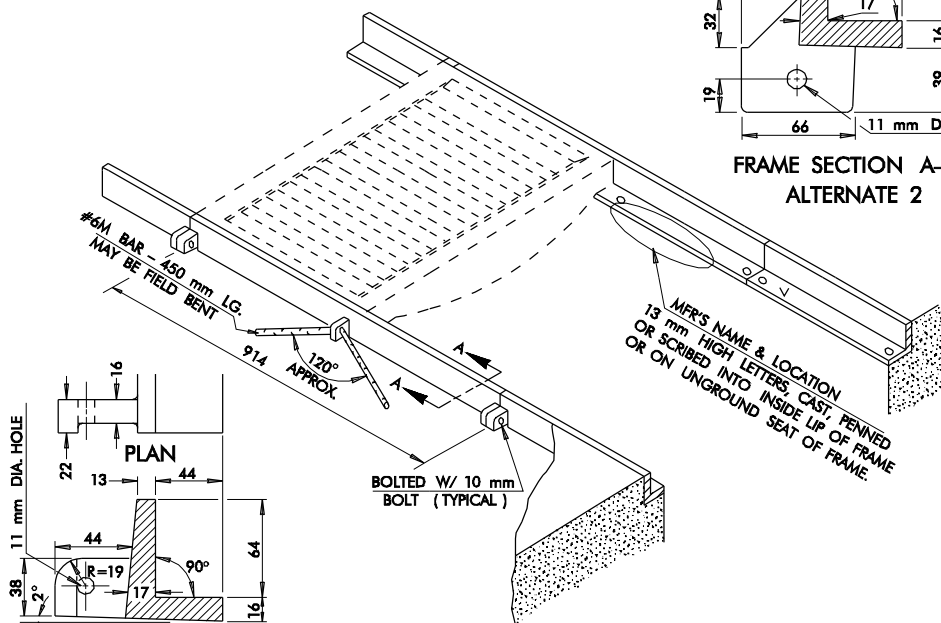
NOTE: TWO TYPE B FRAMES AND
TWO TYPE C FRAMES ARE REQUIRED
FOR INLET DESIGN NO. 3.



SECTION A-A



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.

- GENERAL NOTES**
- ALL CONSTRUCTION AND MATERIAL REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE 1999 METRIC STANDARD SPECIFICATIONS.
 - INLET DESIGN NO. 1 REQUIRES ONE TYPE A FRAME.
 - INLET DESIGN NO. 2 REQUIRES TWO TYPE B FRAMES AND 2 EA. M19 x 125 mm BOLTS WITH NUTS AND ONE S100 x 11 x 1015 mm SUPPORT BEAM. IF BUILT ON CURVED CURB, THE INLET REQUIRES 1 EA. M19 x 125 mm BOLT WITH NUT AND 1 EA. M19 x 165 mm BOLT WITH NUT AND ONE M130 x 28.1 x 1020 mm SUPPORT BEAM.
 - 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 OR SUPPORT BEAM WITH PLATE AND A PAIR OF BOLTS WITH NUTS FOR EACH ADDED TYPE C FRAME, PLUS ONE ADDITIONAL PAIR OF BOLTS AND SUPPORT BEAM.
 - ALL LETTERING TO BE RECESSED 2 mm AND SHALL NOT EXCEED 25 mm 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.
 - FRAMES SHALL BE CAST STEEL, DUCTILE IRON, OR GRAY IRON CONFORMING TO SECTION 725 OF THE 1999 METRIC STANDARD SPECIFICATIONS.
 - THE SUM OF INDIVIDUAL DIMENSIONS MAY NOT EQUAL, EXACTLY, THE OVERALL DIMENSIONS DUE TO THE ROUNDING PROCESS USED CONVERTING ENGLISH VALUES TO METRIC.
- NOTE: MACHINING (SYMBOL $\wedge$) MAY BE ACCOMPLISHED BY MILLING OR LEVEL GRINDING.

BASIS OF PAYMENT		
ITEM NO.	ITEM	UNIT
611.06(G)	INLET FRAME & GRATE (■)	EACH
611.06(G)	INLET FRAME (TYPE TR)	EACH

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

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

APPROVED BY ROADWAY ENGINEER	DATE
OKLAHOMA DEPT. OF TRANSPORTATION ROADWAY STANDARD (METRIC) STORM SEWER INLET FRAMES (FOR CICI INLETS)	
1999 SPECIFICATIONS	SSIF-3 OOM
ALL DIMENSIONS ON THIS SHEET IN MILLIMETERS UNLESS OTHERWISE NOTED.	
R-95M	