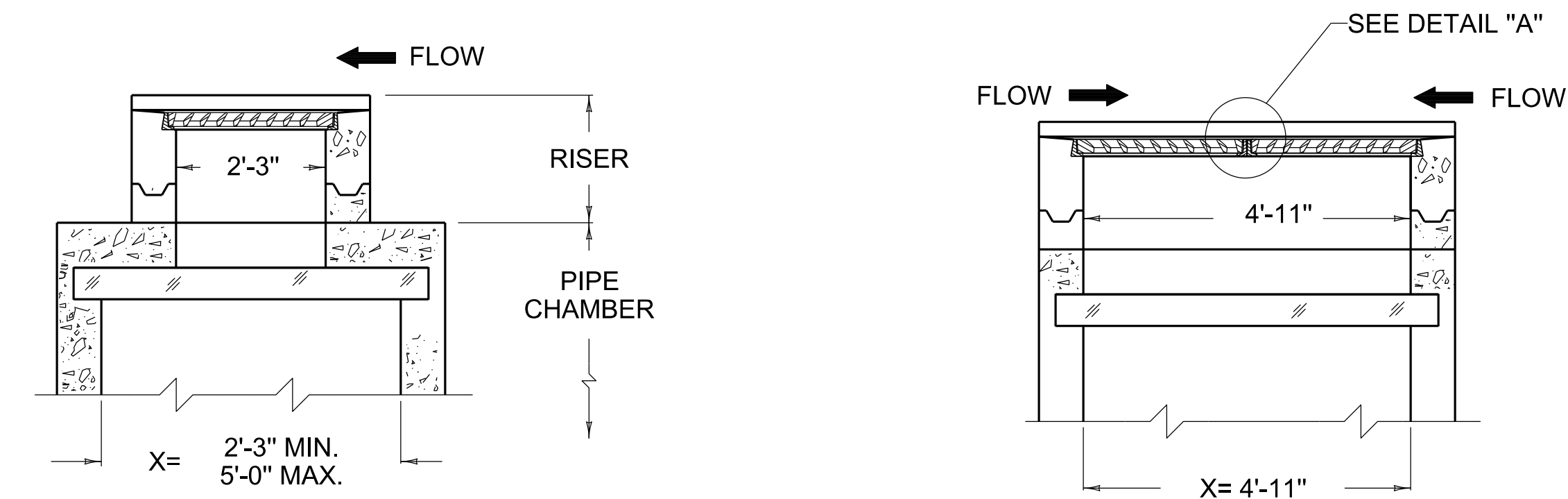




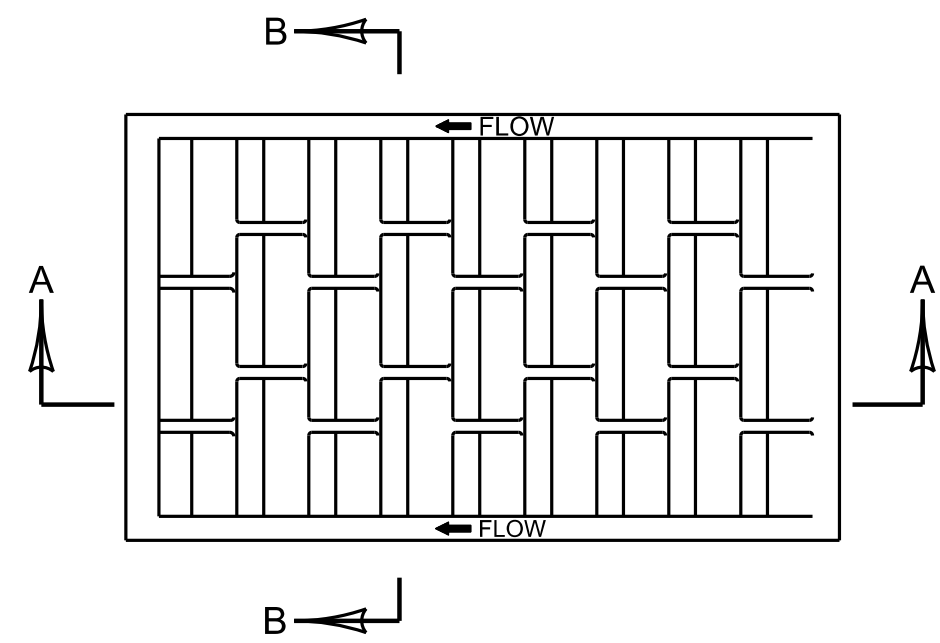
GRADE CONDITION
(1 GRATE & 1 FRAME REQ'D.)

SAG CONDITION
(2 GRATES & 2 FRAMES REQ'D.)

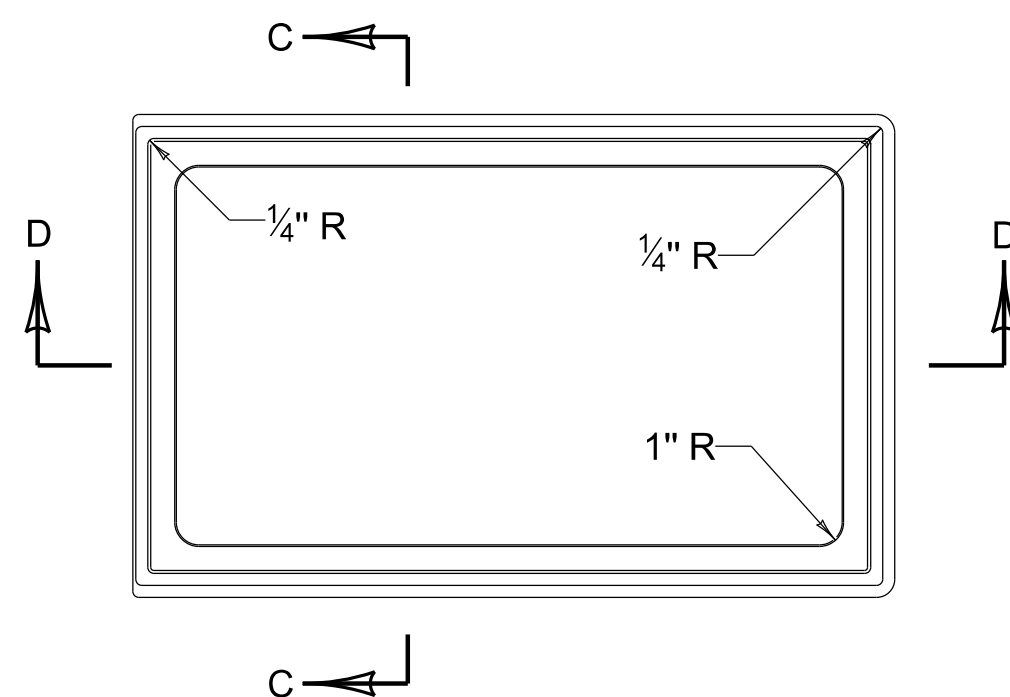
~ NOTES ~

1. ALL FILLETS AND ROUNDS SHALL BE $\frac{1}{8}$ " r.
2. THE FRAME AND GRATE SHALL BE MANUFACTURED OF CAST GRAY IRON CONFORMING TO ASTM A-48 CLASS 35B.

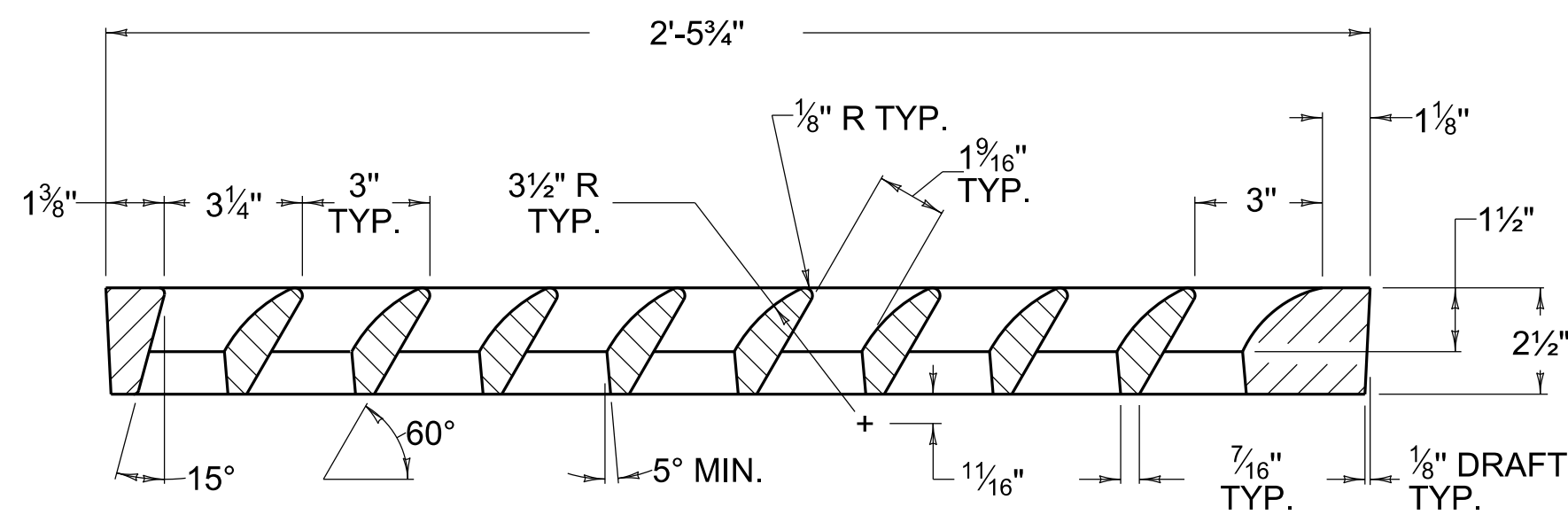
APPROX. WEIGHT	
1 GRATE	160 LBS.
1 FRAME	70 LBS.



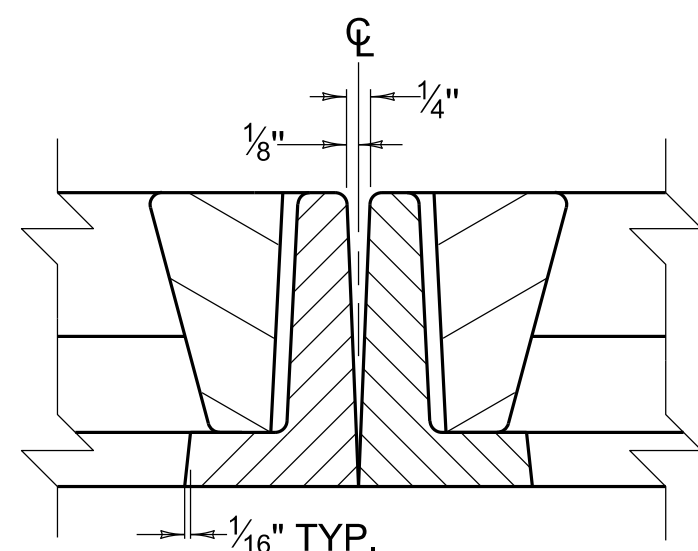
GRATE PLAN VIEW



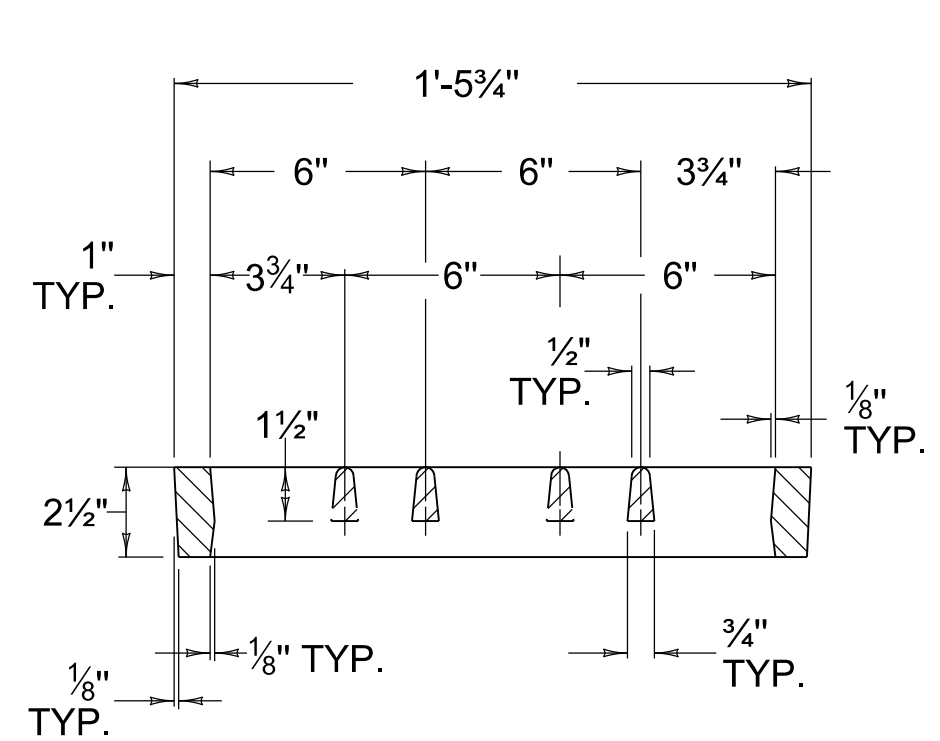
FRAME PLAN VIEW



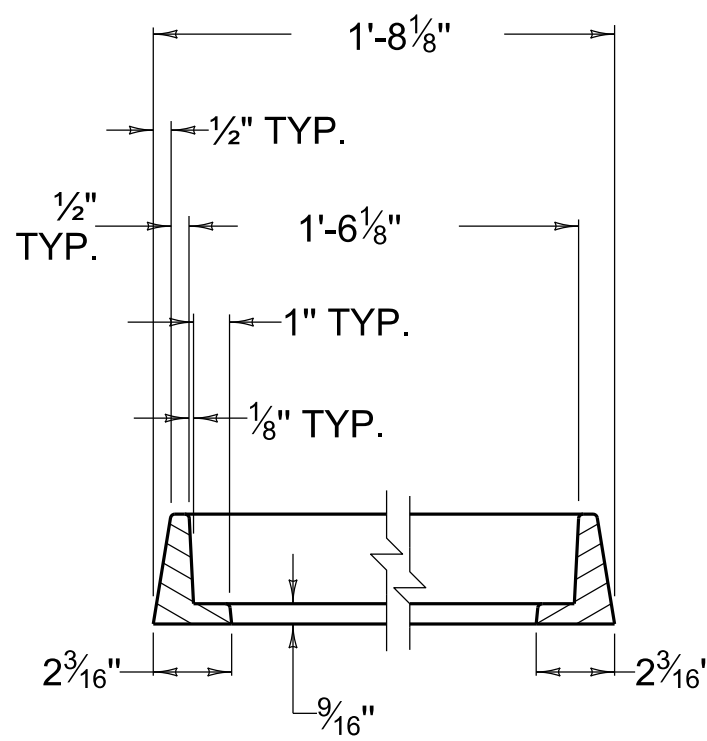
SECTION A-A



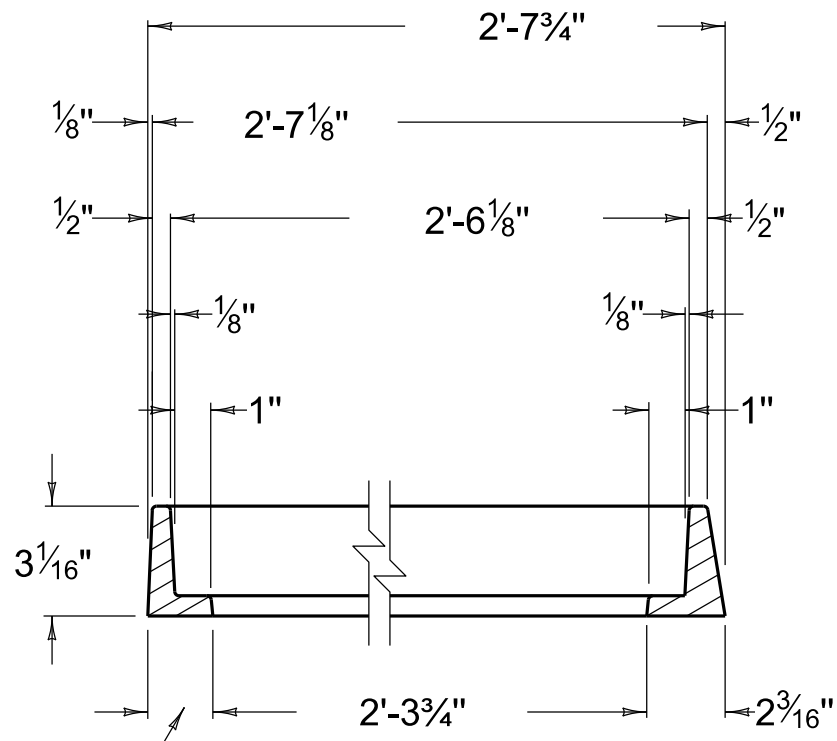
DETAIL "A"



SECTION B-B



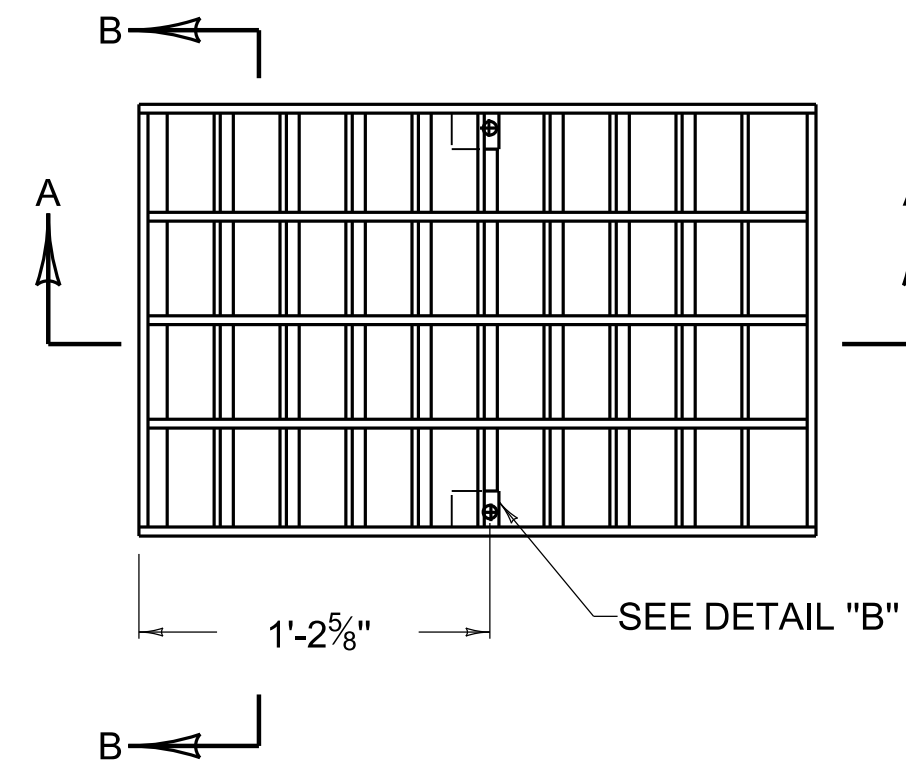
SECTION C-C
GRAY IRON CASTING



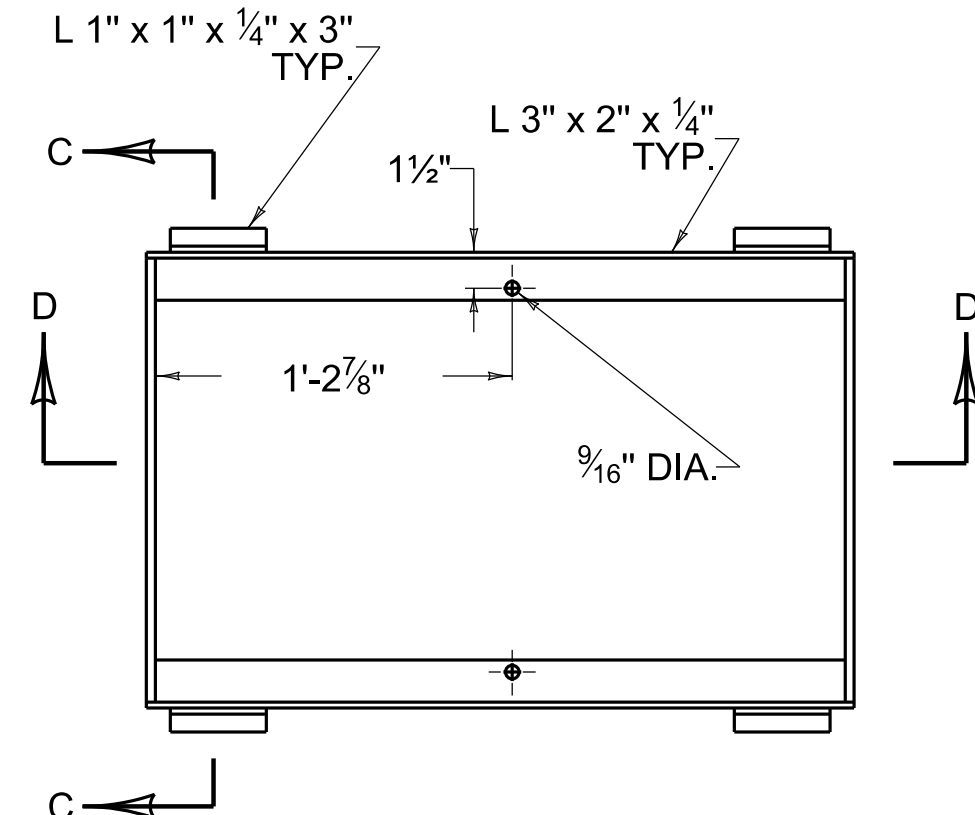
SECTION D-D

~ NOTES ~

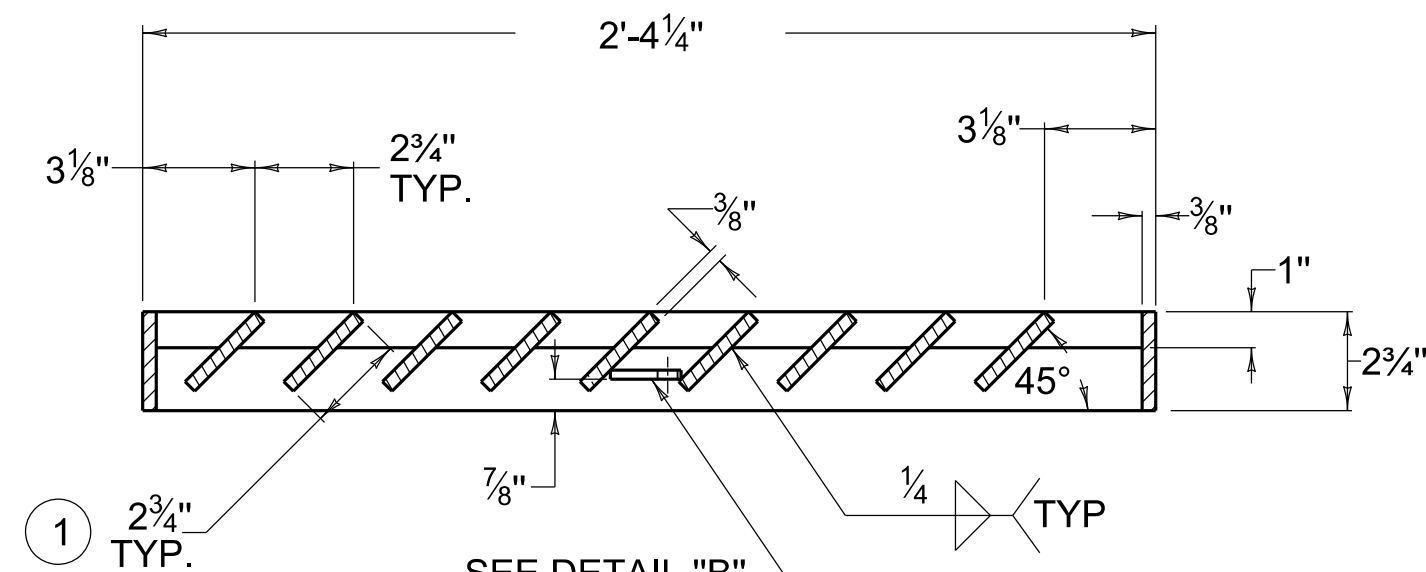
- 1 THE $\frac{2}{4}$ " BAR SHALL BE NOTCHED TO RECEIVE THE 1" BAR.
- 2 THE FRAME AND GRATE SHALL BE ASSEMBLED WITH 2 (TWO) $\frac{1}{2}$ " X $\frac{2}{4}$ " STAINLESS HEX HEAD BOLTS AND NUTS (COMMERICAL QUALITY).
- 3 ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM A-36.



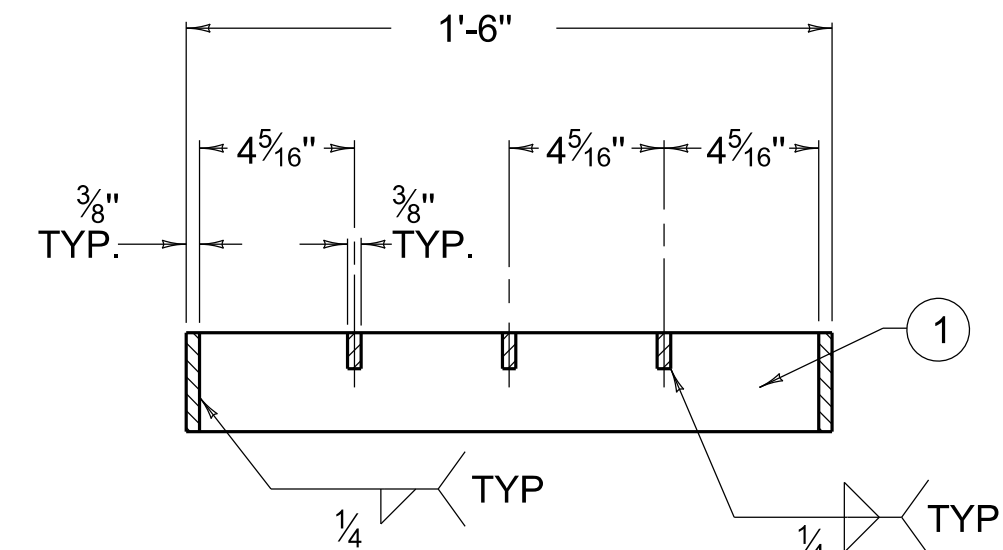
GRATE PLAN VIEW



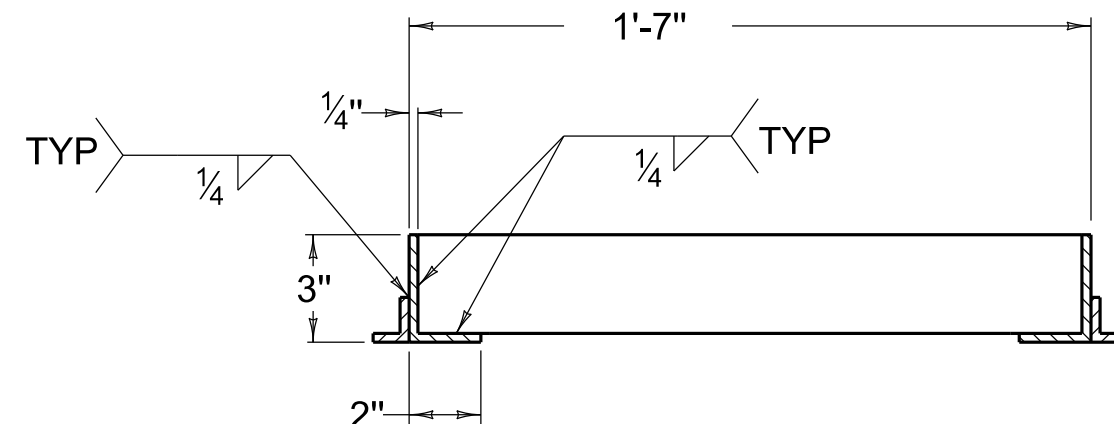
FRAME PLAN VIEW



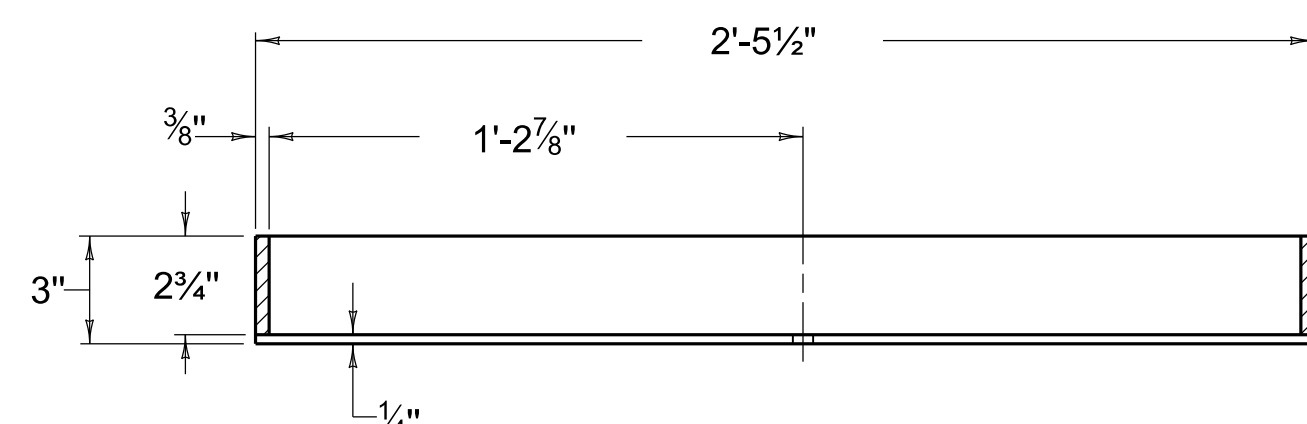
SECTION A-A



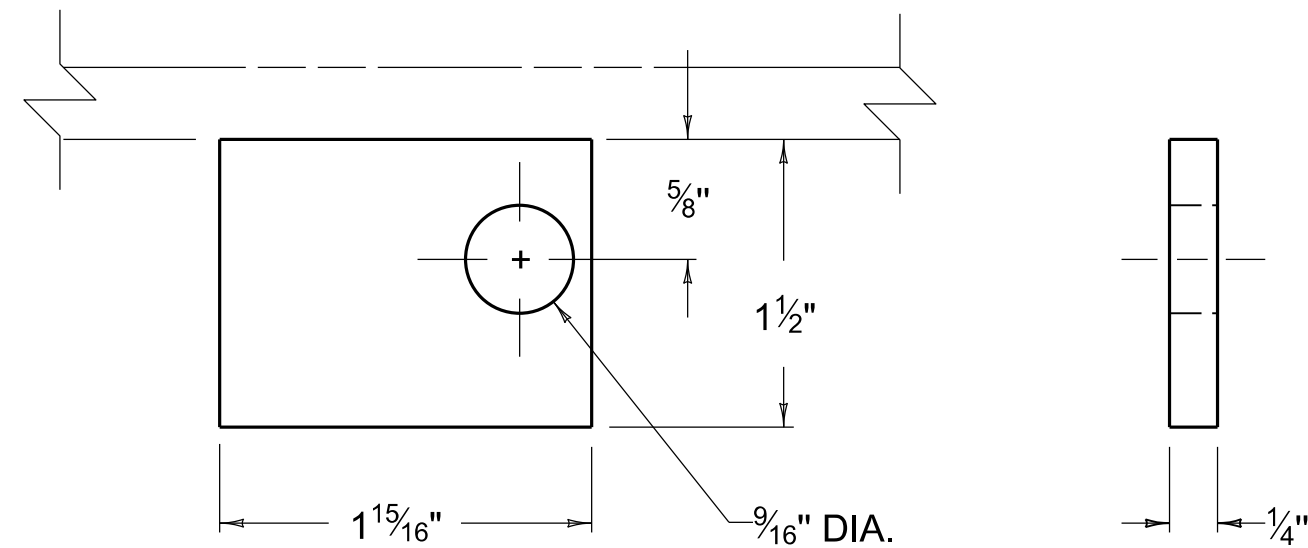
SECTION B-B



SECTION C-C



SECTION D-D



DETAIL "B"

USE WITH CUR. STD. DWGS.

RDB-013	RDB-015	RDB-016
RDB-017	RDB-018	RDB-019
RDB-030	RDB-031	RDB-032
RDB-033	RDB-034	RDB-035

STR. STEEL WTS.		
1 GRATE	TOTAL	1 FRAME
82 LBS.	126 LBS.	44 LBS.

STRUCTURAL STEEL



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS



INLETS

DROP BOX INLET TYPE 13 AND TYPE 16 (FRAME AND GRATE DETAILS)

STANDARD DRAWING NUMBER
RDB-014-06

DRAINAGE

REVISION DATE: 12/01/2015
REVISION NUMBER: 0

SUBMITTED 12-01-2015 DATE
DIVISION DIRECTOR

APPROVED 12-01-2015 DATE
STATE HIGHWAY ENGINEER