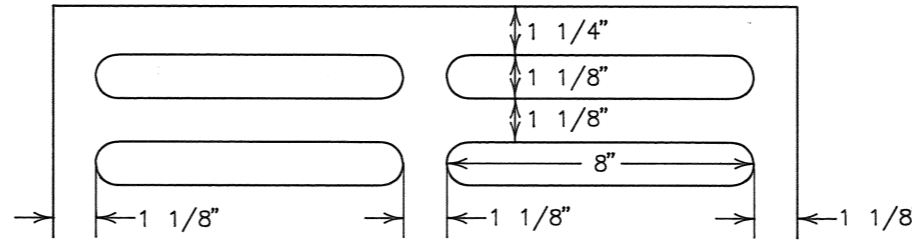
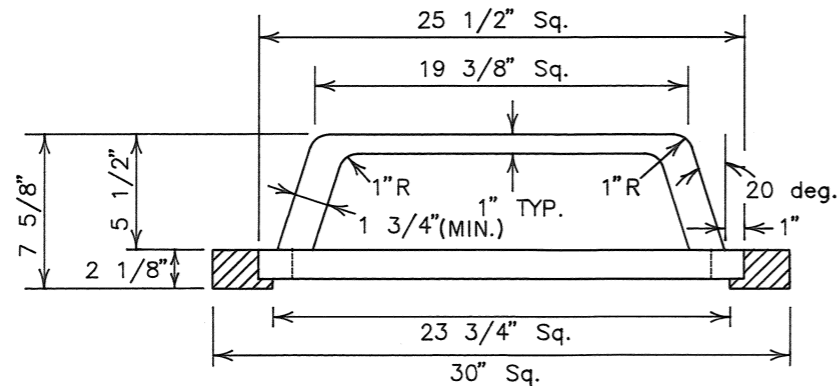


PLAN VIEW
N.T.S.

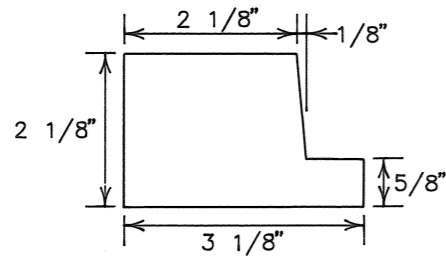


GRATE TOP DETAIL
N.T.S.

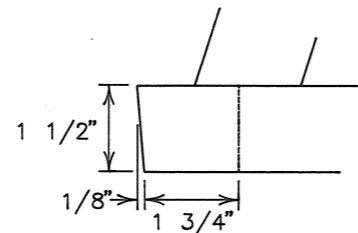
NOTE: EACH CORNER OF THE FRAME AND GRATE IS TO BE CROPPED AT A 45 DEGREE ANGLE ONE-INCH IN ON A DIAGONAL.



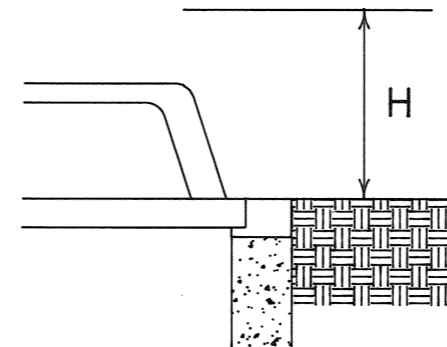
SECTION A-A
N.T.S.



FRAME EDGE DETAIL
N.T.S.



GRATE EDGE DETAIL
N.T.S.



ESTIMATED WEIGHTS

FRAME: 170 LBS.
GRATE: 156 LBS.
TOTAL: 326 LBS.

REVISIONS			
NO.	DATE	BY	REMARKS

NOTES:

1. FOR INLET STRUCTURE CONSTRUCTION SEE THE CITY OF MEMPHIS DESIGN STANDARD FOR A NO. 10 INLET

2. INLET CAPACITY: (WITH 50% TRASH BLOCKAGE)

H (FT.)	Q (C.F.S.)
1.0	6.6
0.8	5.6
0.6	4.4

3. MAXIMUM TRIBUTARY DRAINAGE AREA ALLOWED IN INLET = 2 ACRES

MAXIMUM ALLOWABLE HEIGHT OF WATER (H) = 1 FT.

4. NO TWIN 3070 INLETS ALLOWED.

CITY OF MEMPHIS
DIVISION OF ENGINEERING
DESIGN STANDARD
FOR
NO.3070-FRAME & GRATE

<i>[Signature]</i> DEPUTY CITY ENGINEER	6-9-13 DATE
<i>[Signature]</i> CITY ENGINEER	10/1/13 DATE