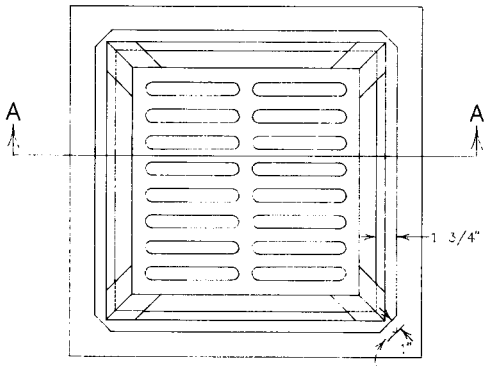
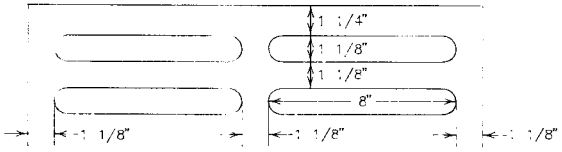


PLAN VIEW
N.T.S.

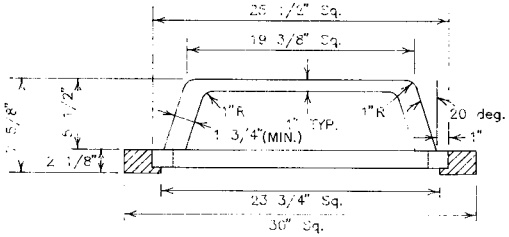
NOTE: EACH CORNER OF THE FRAME AND GRATE IS TO BE CROPPED AT A 45 DEGREE ANGLE ONE-INCH IN ON A DIAGONAL.



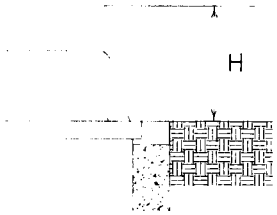
GRATE TOP DETAIL
N.T.S.

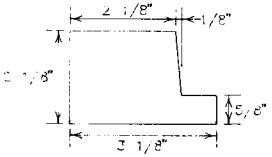
ESTIMATED WEIGHTS

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

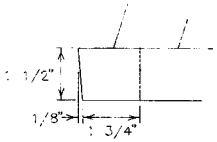


SECTION A--A
N.T.S.





FRAME EDGE DETAIL
N.T.S.



GRATE EDGE DETAIL
N.T.S.

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

DEPUTY CITY ENGINEER — DATE

CITY ENGINEER — DATE

DWG. NO. 1

AutoCAD File: 3070IN PLOT