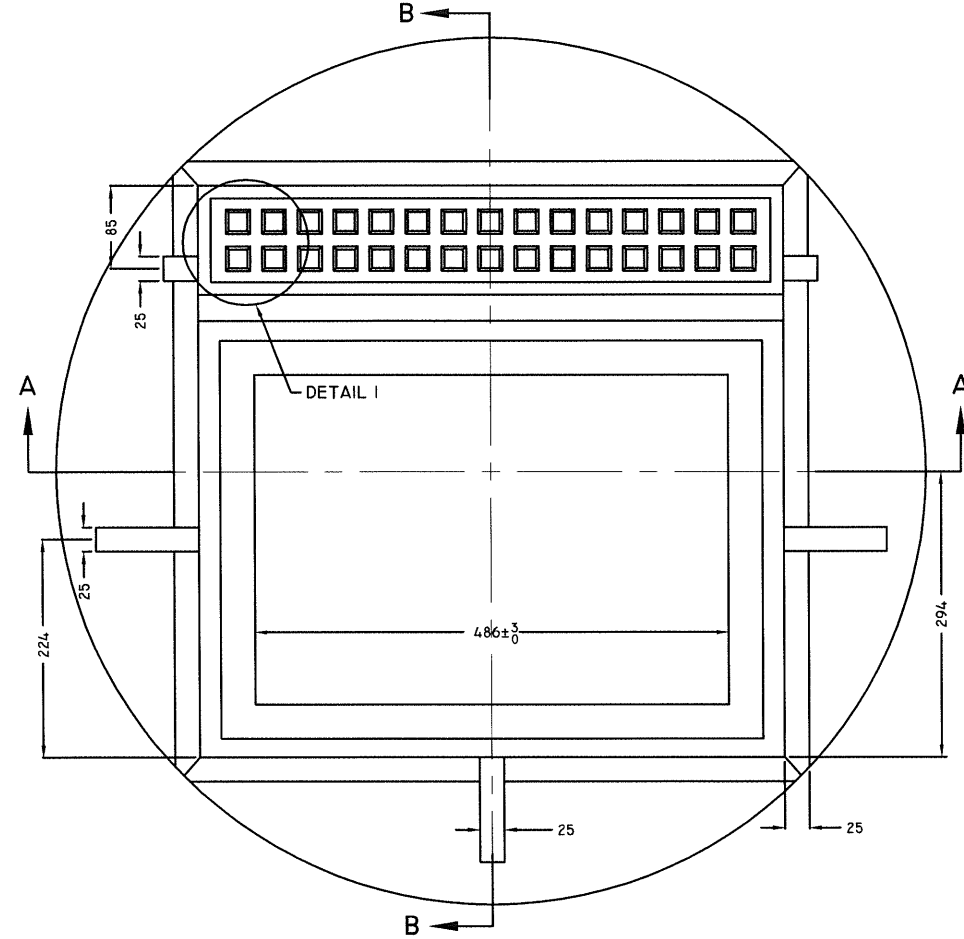
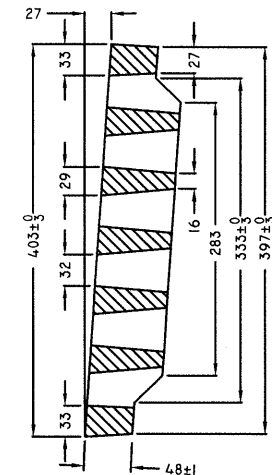
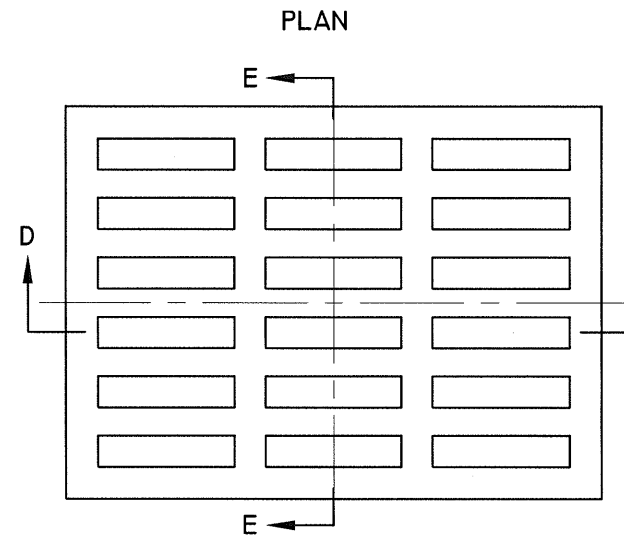


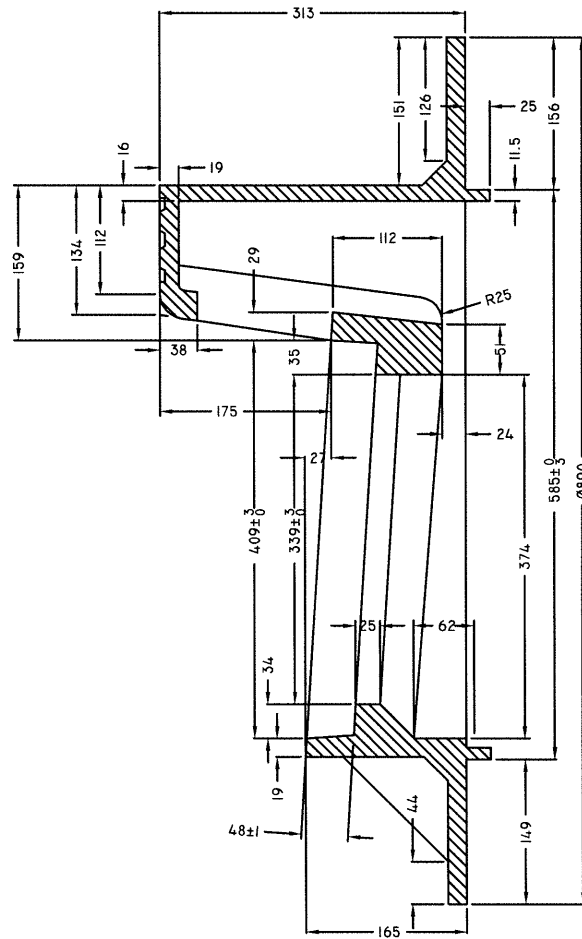
**FRAME  
PLAN**



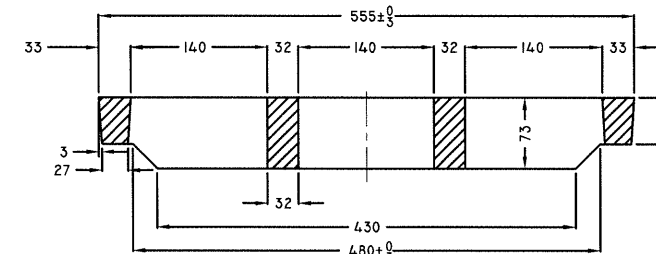
**GRATED COVER  
PLAN**



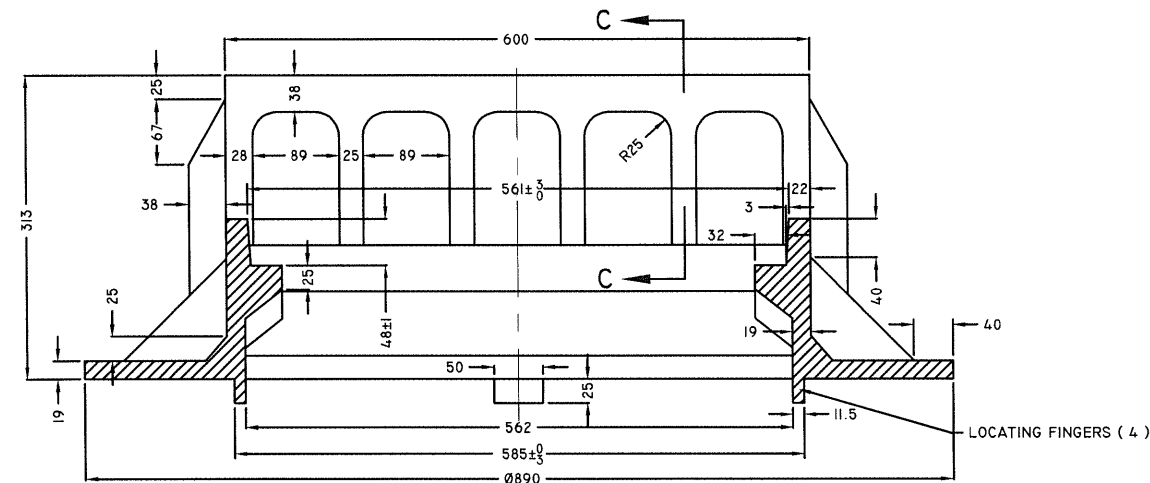
**SECTION E-E**



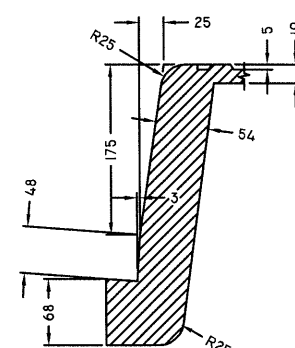
**SECTION B-B**



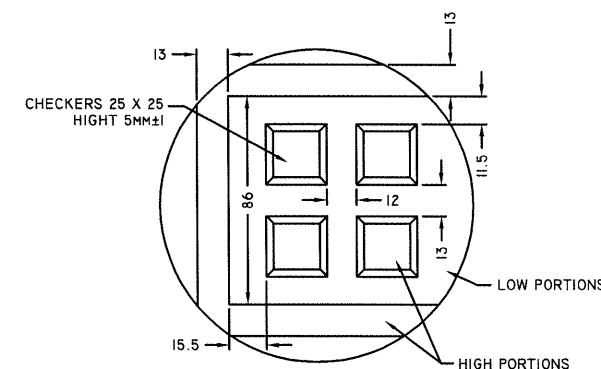
**SECTION D-D**



**SECTION A-A**



**SECTION C-C**



**DETAIL I**

**SPECIFICATIONS**

- (1) CASTINGS SHALL CONFORM TO ALL REQUIREMENTS OF A.S.T.M. DESIGNATION A48 CLASS 20B.
- (2) CASTINGS SHALL BE PRODUCED TO THE DIMENSIONS AND WITHIN +/-2MM TOLERANCES EXCEPT FOR DIMENSIONS LESS THAN 10MM.
- (3) CASTINGS SHALL BE MARKED WITH THE PROPER IDENTIFICATION MARKINGS WHICH WILL INCLUDE:
  - (a) MARKINGS AS REQUESTED AT TIME OF ORDER.
  - (b) FOUNDRY IDENTIFICATION MARKING, AND YEAR OF CASTING.
  - (c) THESE MARKINGS SHALL BE SO LOCATED IN SUCH A MANNER AND OF SUCH SIZE THAT THEY ARE EASILY IDENTIFIABLE AFTER INSTALLATION.
- (4) ALL CASTING WILL BE FREE OF DEFECTS, BE TRUE TO PATTERN AND BE FREE FROM CRACKS, GAS HOLES, FLAWS AND EXCESSIVE SPRINKAGE. SURFACES OF CASTING SHALL BE FREE FROM BURNT ON SAND AND SHALL BE REASONABLY SMOOTH.
- (5) CASTING SHALL NOT ROCK WHEN INSTALLED. THE MANUFACTURER SHALL TRIAL FIT THE CASTINGS AGAINST A STANDARD FRAME.

MEASUREMENTS IN MILLIMETERS

NO.	REVISIONS	DATE	BY
11			
10			
9			
8			
7			
6			
5			
4			
3			
2	CORRECTION OF TWO INCORRECT DIMENSIONS	2017-JAN-25	HLO
1	BASE PLAN	2007-JAN-14	HLO

SCALES :	HOR.	VERT.
	NTS	NTS