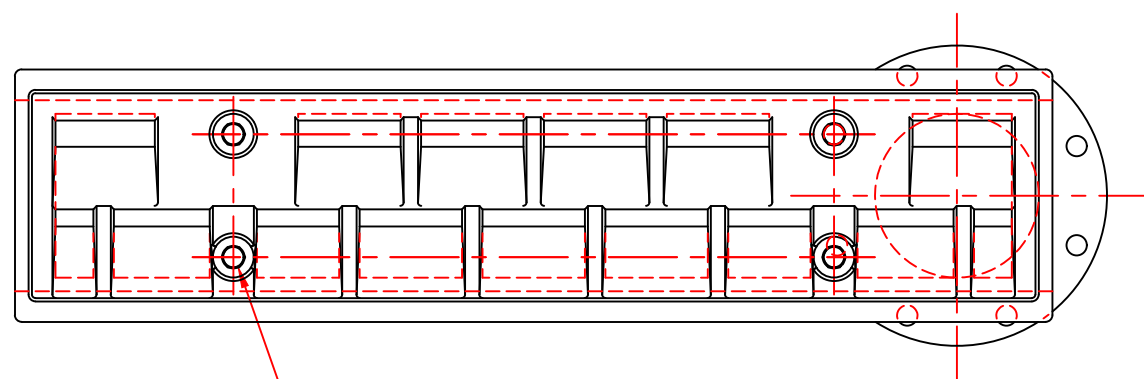
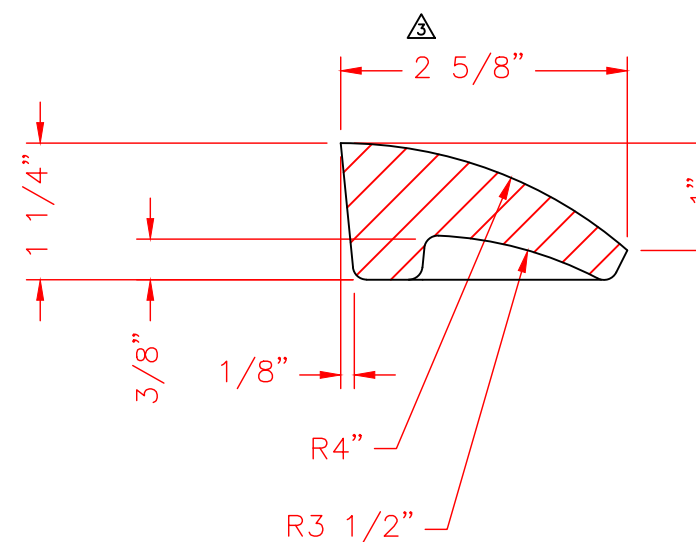
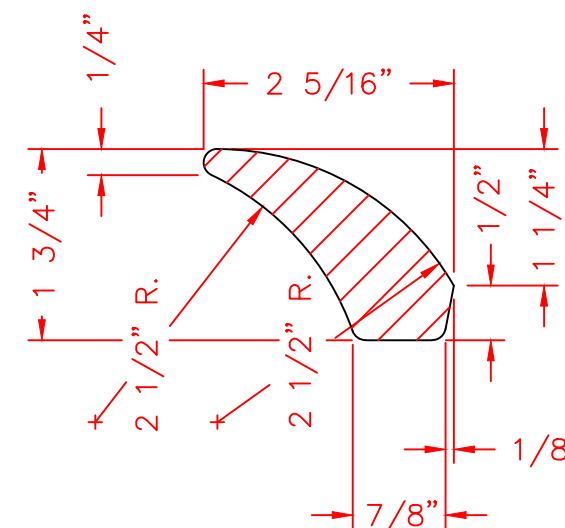
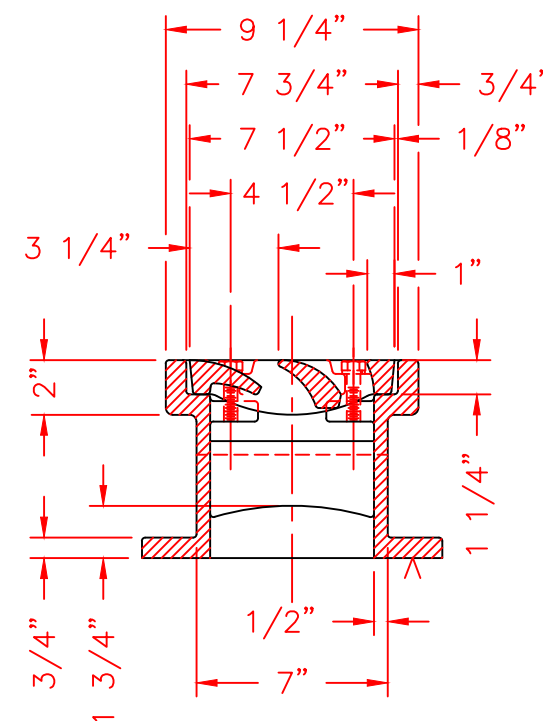
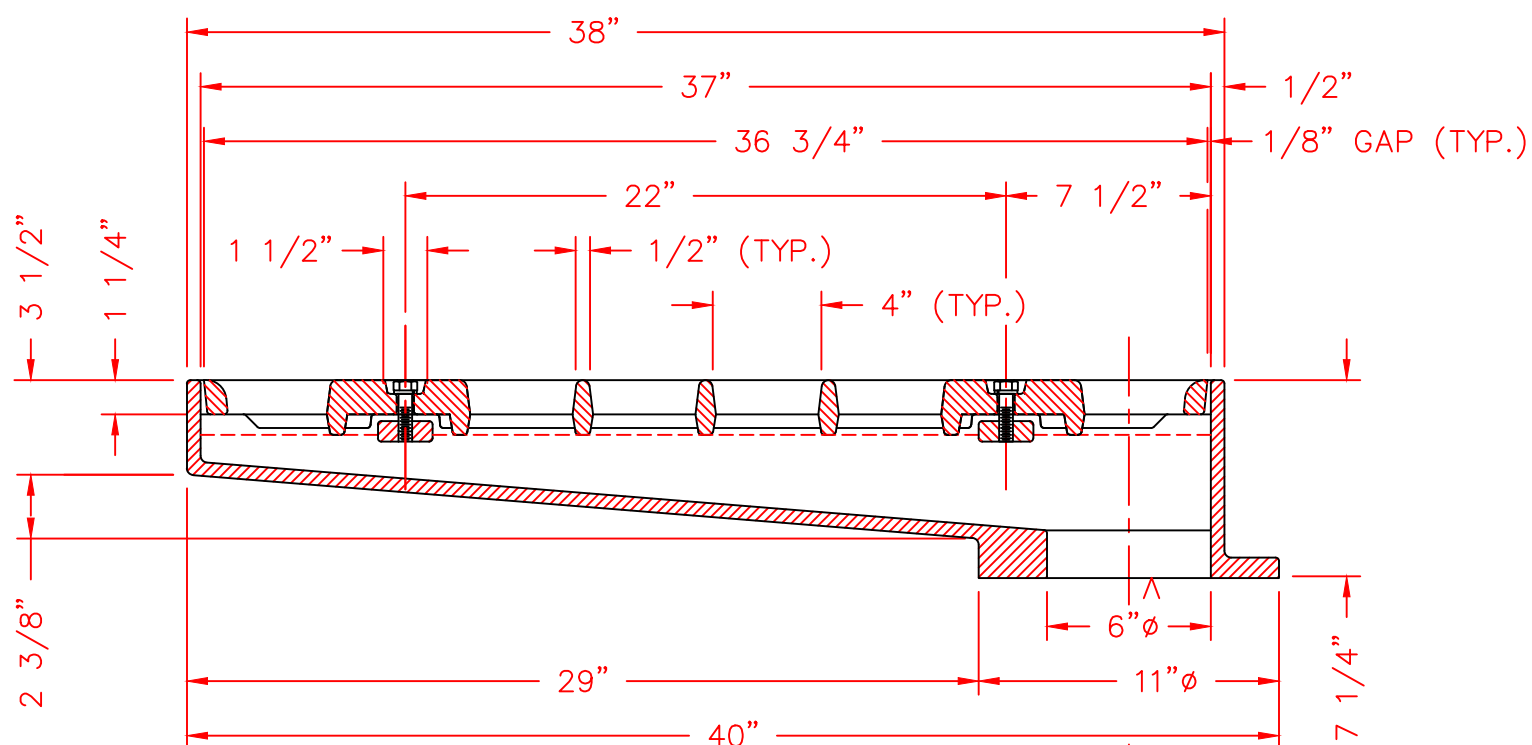




1/2"-13UNC x 1 3/4" LG.  
HEX. HEAD CAP SCREW  
1/2" DIA. GALV. WASHER  
(4 SETS REQUIRED)

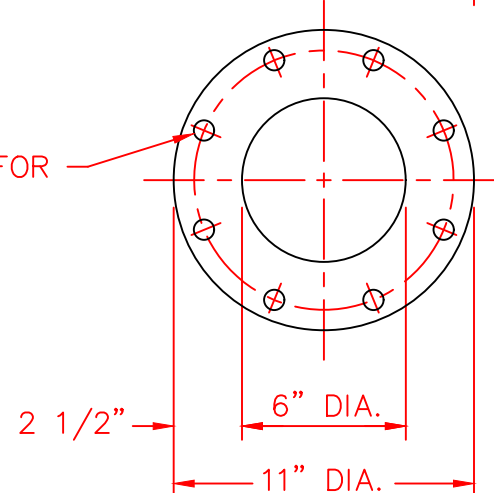


FIRST VANE DETAIL  
(SCALE: 1:2)



SECOND VANE DETAIL  
(SCALE: 1"=1/2")

DRILL AND TAP 8 HOLES FOR  
3/4"-10 UNC BOLTS  
ON 9 1/2"Ø BOLT CIRCLE



BOTTOM VIEW OF FLANGE ONLY

MATERIAL: CAST GRAY IRON ASTM A-48, CLASS 35B  
FINISH: NO PAINT  
WEIGHT: GRATE, 37 LBS.; SCUPPER, 134 LBS.  
COMPONENT NO'S: GRATE, 4014-0071; SCUPPER, 4014-0072

|            |                            |     |
|------------|----------------------------|-----|
| 03-10-2004 | 2-5/8" WAS 2-7/8"          | KMH |
| 03-19-2003 | CORRECTED BOLT LENGTH      | MAG |
| 05-02-2000 | FILLED IN POCKETS BY BOLTS | SMA |
| DATE       | REVISION                   | INT |

|                |               |                                                     |            |   |
|----------------|---------------|-----------------------------------------------------|------------|---|
| DR. D. VINCENT | SCALE 1/8"=1" | TITLE: R-4014-TL                                    |            |   |
| CH.            |               | "L" TYPE GRATE AND SCUPPER                          |            |   |
| APP.           |               | NEENAH<br>FOUNDRY COMPANY<br>NEENAH WISCONSIN 54956 | NF-4014980 | B |
| DATE 11/25/91  | DIM CHK.      |                                                     |            |   |