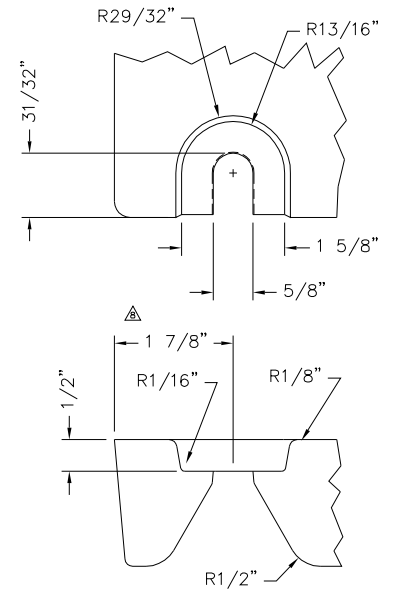
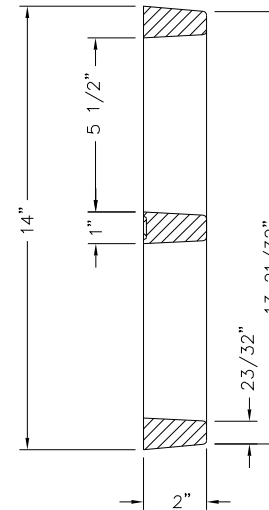
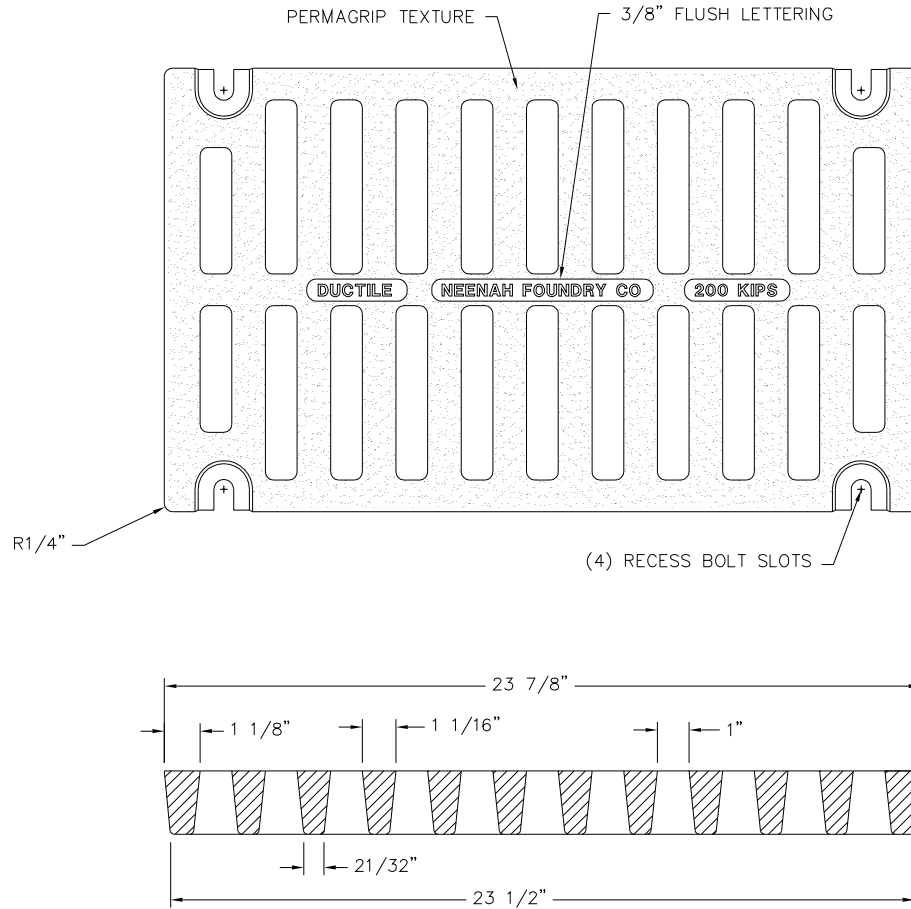




BOLT SLOT DETAIL

SCALE 1" = 2"

NOTE: ALL DIMENSIONS SHOWN ARE IN ENGLISH  
 MATERIAL: CAST DUCTILE IRON ASTM A536, 55 + KSI YIELD  
 FINISH: NO PAINT  
 WEIGHT: 93#

|                                                                                                     |  |  |  |            |                                         |     |      |          |         |                       |
|-----------------------------------------------------------------------------------------------------|--|--|--|------------|-----------------------------------------|-----|------|----------|---------|-----------------------|
|                                                                                                     |  |  |  | 01-13-2005 | UPDATED BOLT SLOTS, DIM. PER CASTING    | MAG | DR.  | E. REMME | SCALE   | TITLE:                |
|                                                                                                     |  |  |  | 10-15-2002 | ADDED PERMAGRIP TEXTURE                 | KMH |      |          | 1/4"=1" | R-4990-DA             |
|                                                                                                     |  |  |  | 12-21-95   | MOVED "DUCTILE", "200 KIPS" LETTERING   | ELR | CH.  |          |         | BOLTED TYPE "A" GRATE |
|                                                                                                     |  |  |  | 10-26-95   | ADDED "DUCTILE 200 KIPS" LETTERING      | ELR |      |          |         |                       |
|                                                                                                     |  |  |  | 10-12-93   | CHANGED NF LETTERING                    | CSK | APP. |          |         |                       |
|                                                                                                     |  |  |  | 9-20-93    | ADDED 1/2" RECESSED LETTERING           | ELR |      |          |         |                       |
|                                                                                                     |  |  |  | 11-12-92   | CHANGED BOLT SLOTS TO GREEN SAND        | ELR | DATE | 7-26-89  |         |                       |
|                                                                                                     |  |  |  | 8-08-89    | CHANGED MATERIAL                        | ELR |      |          |         |                       |
|                                                                                                     |  |  |  | 04-07-2005 | CHGD. WIDTH OF BOLT SLOT, WAS 9/16" CSK | CSK |      |          |         |                       |
| NEENAH FOUNDRY COMPANY<br>NEENAH WISCONSIN 54956                                                    |  |  |  |            |                                         |     |      |          |         |                       |
|  NF-49992014 B |  |  |  |            |                                         |     |      |          |         |                       |