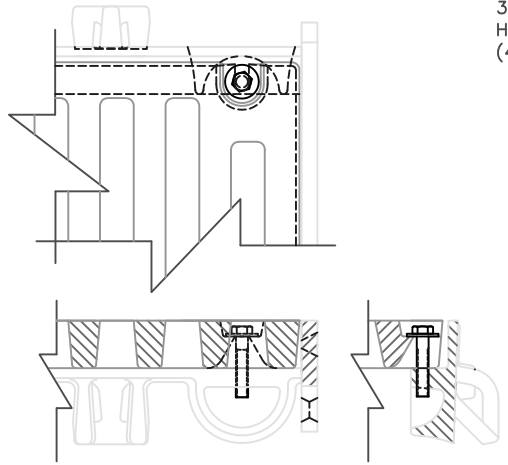
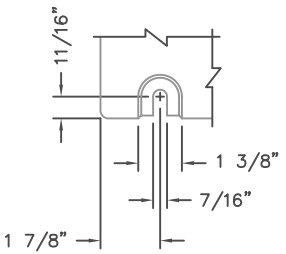


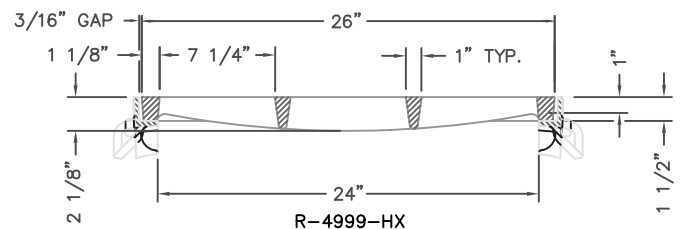
GRATE BOLTED TO FRAME w/
 $3/8-16UNC$ X 2 STNLS. STL.
 HEX HEAD BOLT w/WASHER
 (4 PER GRATE, KIT #91350)



FRAME & GRATE
 SHOWING DEBRIS CHUTE
 SCALE 1:4



BOLT SLOT DETAIL
 SCALE 1:4



R-4999-HX
 TYP. SECTION TYPE "A" GRATE
 AND TYPE 'B' FRAME

NOTES: FRAMES AND COVERS ARE FURNISHED IN STANDARD 2'-0" INCREMENTS. SPECIAL LENGTH FRAMES AND COVERS ARE FURNISHED FOR ANY OVERALL LENGTH.
 COMPONENT NOS.: GRATE 4999-3261, SIDE PC. FRAME 4999-2415, END PC. FRAME 4990-3226
 MATERIAL: SIDE PC. FRAMES - CAST GRAY IRON ASTM A-48, CLASS 35A
 END PC. FRAMES AND GRATES - CAST GRAY IRON ASTM A-48, CLASS 35B
 FINISH: NO PAINT

DR. K. HOGE	SCALE 1/8"=1"	TITLE: R-4999-HX BOLTED STYLE TRENCH TYPE "A" GRATE w/ TYPE "B" FRAME
CH.		
APP.	DIM CHK.	NEENAH FOUNDRY COMPANY
DATE 11-13-08		NEENAH WISCONSIN 54956



NF- 4999HX A B