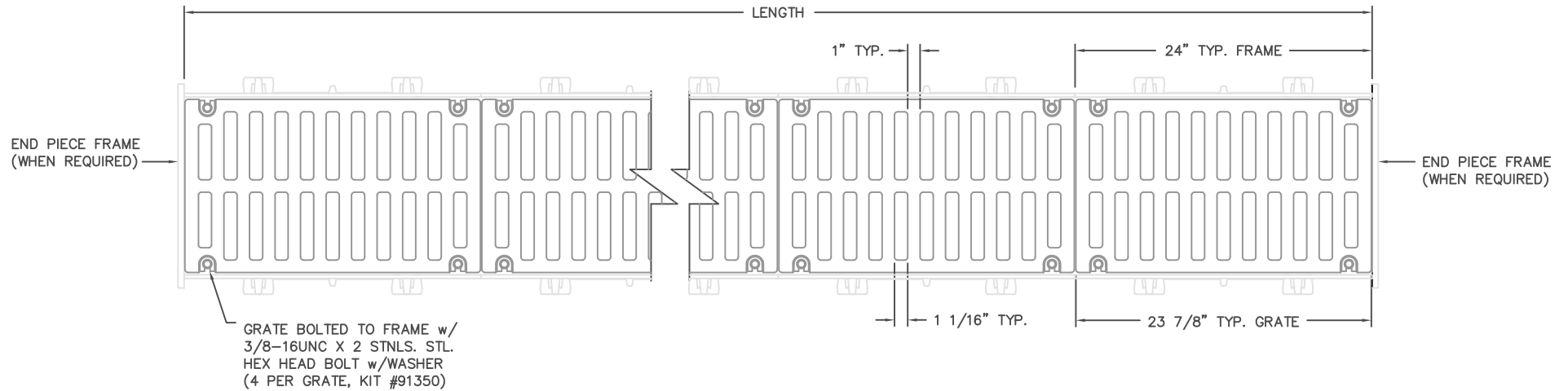
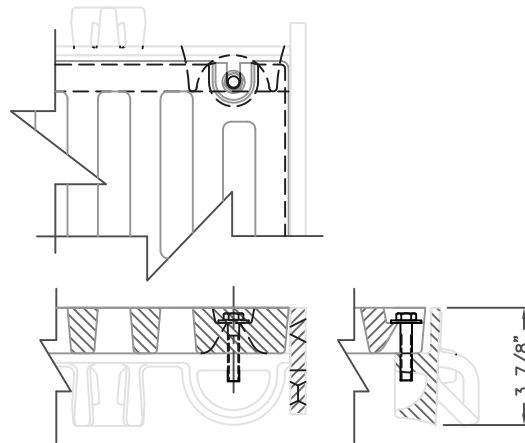
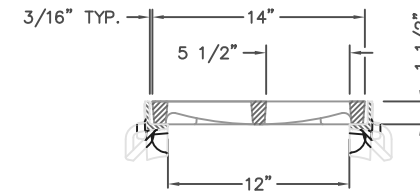


BOLT SLOT DETAIL
SCALE 1:4



**FRAME & GRATE
SHOWING DEBRIS CHUTE**
SCALE 1:4



**R-4999-DX
TYPE "A" GRATE w/ TYPE "B" FRAME
TYPICAL SECTION**

NOTES: FRAMES AND COVERS ARE FURNISHED IN STANDARD 2'-0" INCREMENTS. SPECIAL LENGTH FRAMES AND COVERS ARE FURNISHED FOR ANY OVERALL LENGTH.

COMPONENT NOS.: SIDE PC. FRAME 4999-2415, END PC. FRAME 4990-3114, GRATE 4999-3141

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-DX A TRENCH LAYOUT W/ TYPE "A" GRATE & "B" FRAME
CH.		
APP.	DIM CHK.	NEENAH FOUNDRY COMPANY NEENAH WISCONSIN 54956
DATE 10-15-2008		NF-4999DX A B

DATE	REVISION	ELN	INT
07-01-2011	CHANGED THE BOLT LENGTH TO 2"		