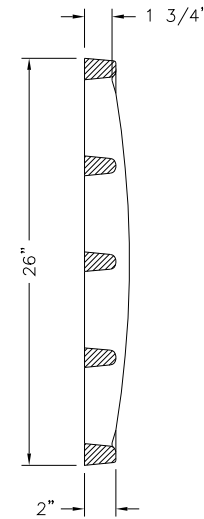
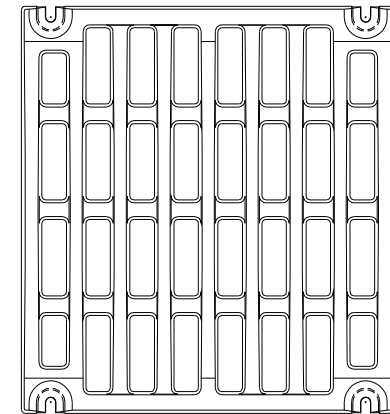


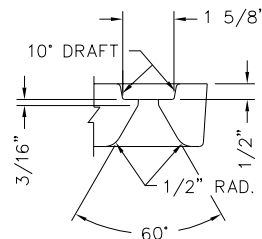
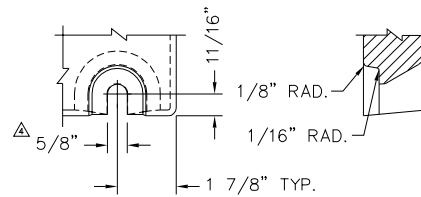
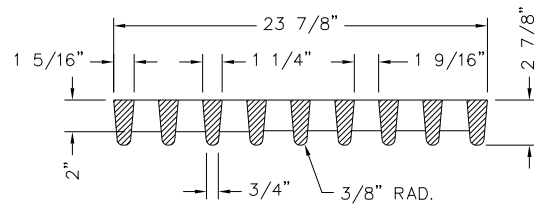
SECTION A-A



SECTION B-B



UNDERSIDE VIEW



BOLT SLOT DETAIL
QUARTER SCALE

Supplied By:

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NOTE: PROOF LOAD TESTED TO 200,000 LBS.
MATERIAL: CAST DUCTILE IRON ASTM A-536, GRADE 80-55-06
FINISH: NO PAINT
WEIGHT: 198#

DATE	REVISION	INT
07-16-2014	ADDED LOAD NOTE	RWB
07-18-2013	CORRECTED LETTERING	CAG
04-07-2005	CHGD. WIDTH OF BOLT SLOT, WAS 9/16"	CSK
01-20-2005	UPDATED BOLT SLOTS TO FIT WIDE WASHERS	ELR
12-16-2003	CHANGED WIDTH OF SEAT	ELR
10-16-95	ADD "NEENAH FOUNDRY CO" LTG.	CSK

DR. CSK	SCALE 1/8"=1"	TITLE: R-4990-HA TYPE "A" GRATE w/ BOLT SLOTS
CH.		
APP.	DIM CHK.	NEENAH FOUNDRY COMPANY NEENAH WISCONSIN 54956
DATE 04-06-95		NF- 49992026 B