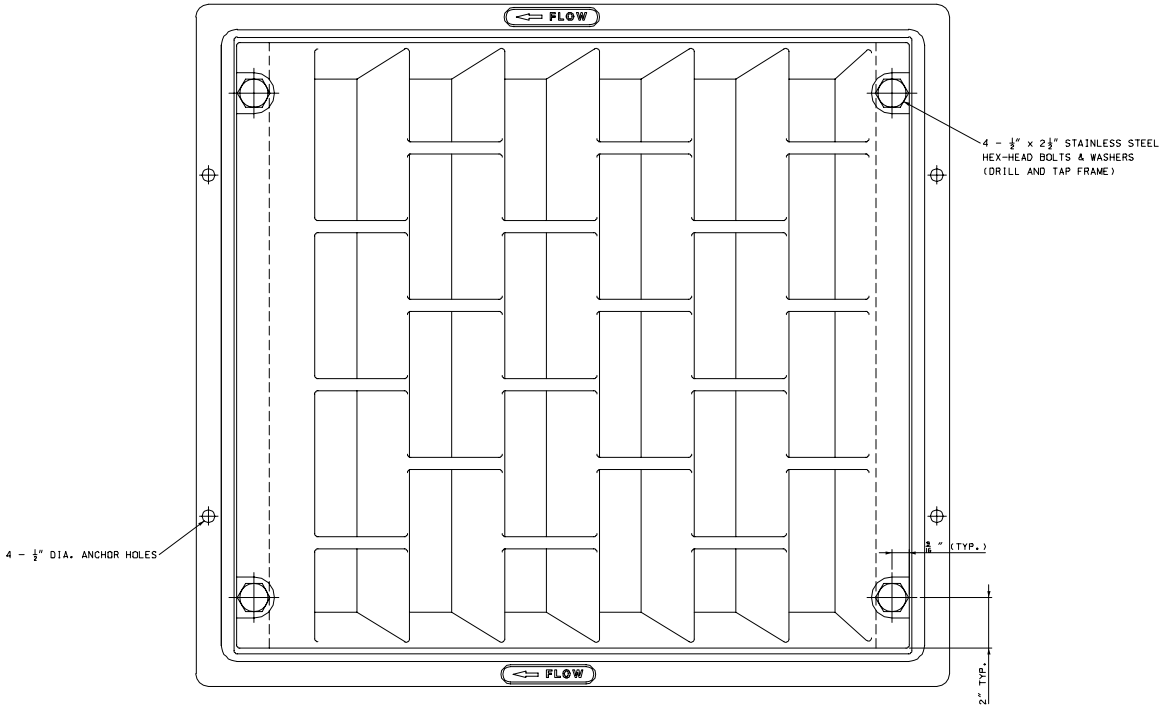

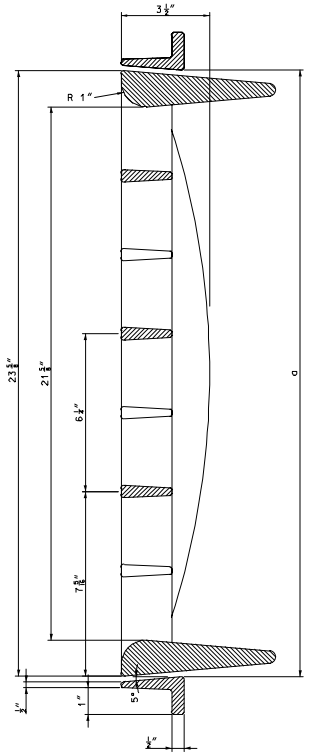

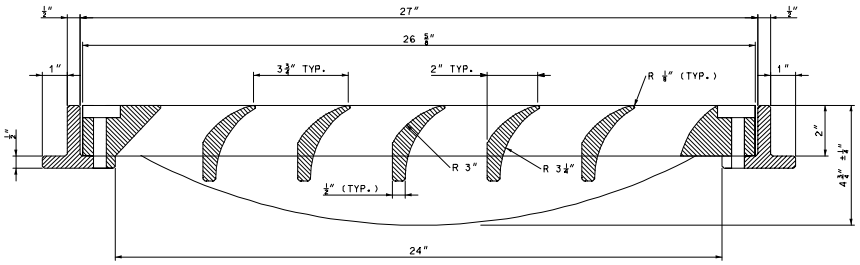

NOMINAL DIMENSIONS AND WEIGHTS			
OPENING		a	WEIGHT (LB.)
WIDTH	LENGTH		
2'-0"	2'-0"	24"	200
4'-0"	2'-0"	48"	400

NOTE: FOR 4' x 2' FRAME, USE (2) 2' x 2' GRATES.

GENERAL NOTES:

GRATES TO BE CONSTRUCTED OF CAST GRAY IRON AND MEET REQUIREMENTS OF AASHTO M 306. MINOR VARIATIONS IN VANE SHAPE TO MEET MANUFACTURER'S STANDARD PRACTICE ARE PERMITTED.

MINIMUM CLEAR OPEN AREA: 2.10 SQUARE FEET.

MISSOURI HIGHWAY AND TRANSPORTATION COMMISSION

CURVED VANE
GRATE AND FRAME

DATE:_____ EFFECTIVE:01-01-1999 614.11A 1/1

T:\de-proj\standards\DualUnits\stdpln 600-699\61411a.dgn 13 FEB 2001