



① INSTALL GRATE WITH ARROW IN DIRECTION OF FLOW. GRATE TO BE INSTALLED PERPENDICULAR TO THE GUTTER.

GRATE CASTING IS BICYCLE SAFE WHEN PROVIDED TO FIT OVER BOLT HEAD IN FRAME TO PREVENT WRONG ALIGNMENT OF VANES.

NOTES:  
MATERIAL: GRAY IRON ASTM A-48

MNDOT CASTING NO. 816  
MNDOT SPEC. REF. 2506  
MNDOT 4154B  
NOT TO SCALE

	<b>MINNEAPOLIS</b> DEPARTMENT OF PUBLIC WORKS		CATCH BASIN GRATE TYPE "V"	STANDARD PLATE NO. SEWR-2008
	DRAWN: DCD	DATE: 1/03		
	APPROVED: HRS	DATE: 12/06		