



#6 LOCK TUMBLER ASSEMBLY CONSISTS OF:
 (1) 5/8" X 7" STNL. STL. HEX. BOLT, 5/8" STNL. STL. FLAT WASHER, CAST IRON TUMBLER WITH 5/8" TAPPED HOLE AND STLS. STL. CAPTURE NUT.
 GRADE 304 STAINLESS STEEL. TUMBLER SHOULD BE SET AT 1 3/4" BELOW THE GRATE SEAT FOR INSTALLATION. ONCE GRATE IS SET IN FRAME, TORQUE BOLT 1/4 TURN PAST HAND SNUG.

CASTING TOLERANCES: SHALL CONFORM TO AASHTO M306, DIMENSIONS ARE IN INCHES FRACTIONAL ± 1/16" ON ALL DIMENSIONS UP TO 12" AND ADD ADDITIONAL ± 1/8" PER FOOT.
 NOTE: MEETS AASHTO HS20 PROOF LOAD REQUIREMENTS, MASS TEST BARS REQ'D.
 COMPONENT NOS.: FRAME 3334-0016, GRATE 3334-0013
 MATERIAL: FRAME-CAST GRAY IRON ASTM A-48, CLASS 35B
 GRATE-CAST DUCTILE IRON ASTM A536, 55 + KSI YIELD
 FINISH: NO PAINT WEIGHT: FRAME 339#, GRATE APPROX. 535#

DR. E. NIVER	SCALE 1/8"=1"	TITLE: R-3531-E MASS
CH.		FRAME AND GRATE w/ #6 TUMBLER LOCK
APP.	DIM CHK.	NEENAH FOUNDRY COMPANY
DATE 05-19-2016		NEENAH WISCONSIN 54956
		NF- 3531 501 B