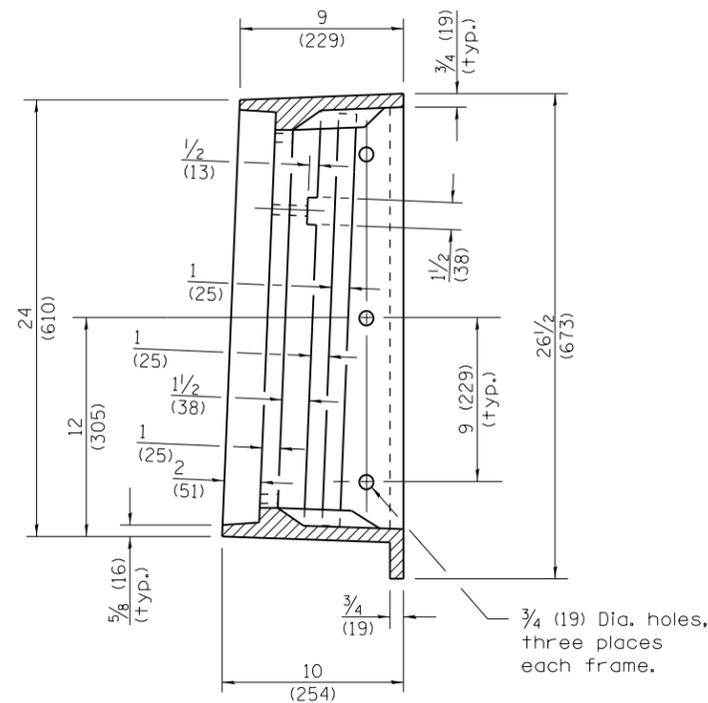
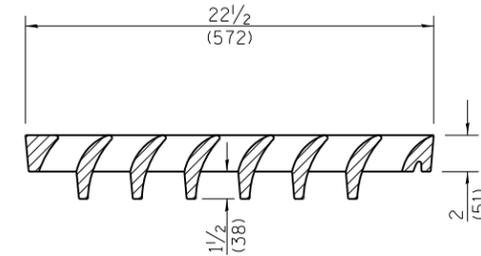


PLAN

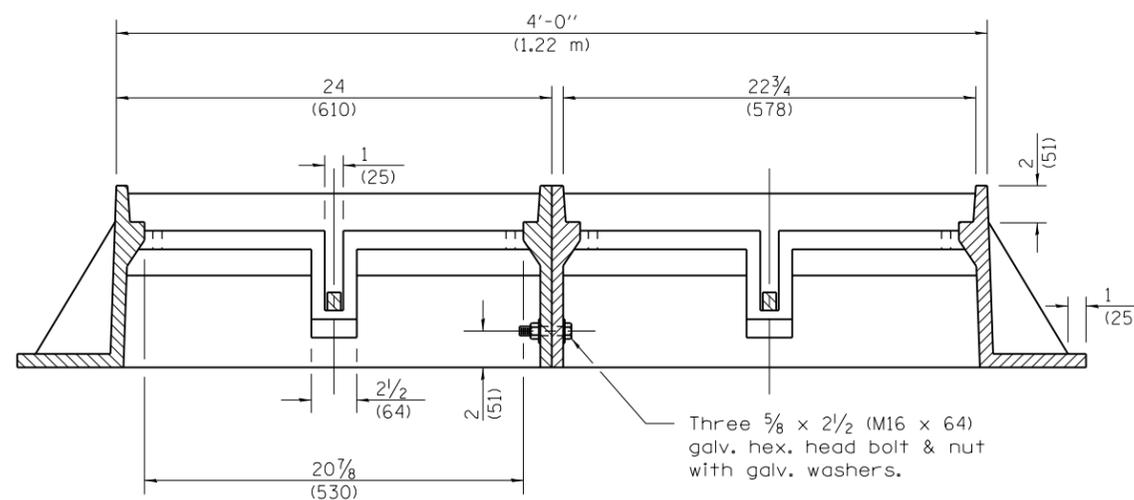
CAST FRAME



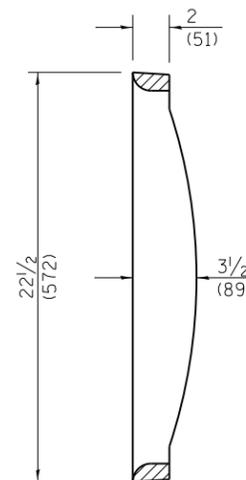
SECTION B-B



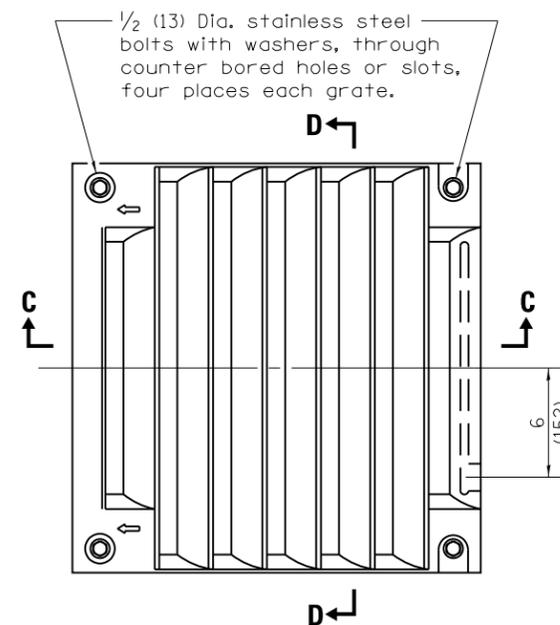
SECTION C-C



SECTION A-A



SECTION D-D



CAST GRATE

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2009

ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2009

ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

DATE	REVISIONS
1-1-09	Switched units to English (metric).
1-1-07	Revised frame flanges, changed to a bolt down grate w/ deeper vanes.

**FRAMES AND GRATES
TYPE 22**

STANDARD 604081-04