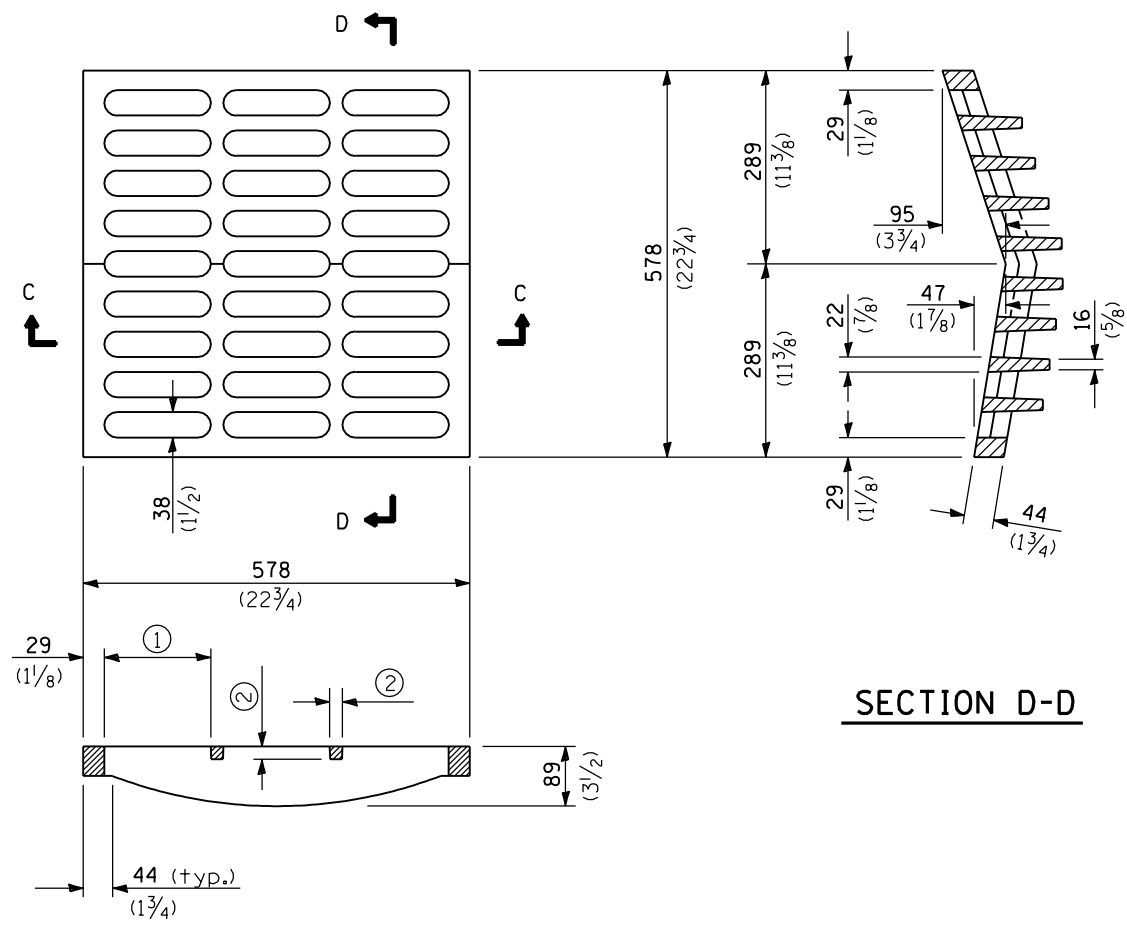


**SECTION A-A**

**SECTION B-B**

**CAST FRAME**



**SECTION D-D**

**SECTION C-C**

- ① = 159 (6 1/4) max. (typ.)
- ② = 19 (3/4) min. (typ.)

**CAST GRATE**

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

Illinois Department of Transportation

PASSED January 1, 2004  
*Michael Brand*  
 ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2004  
*Michael L. Hine*  
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

DATE	REVISIONS
1-1-04	Removed weights.
1-1-97	Renum. Standard 2218-4.

**FRAME AND GRATE  
TYPE 9**

**STANDARD 604041-01**