

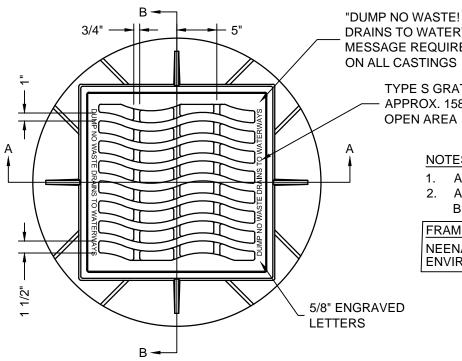
City Utilities Design Standards Manual

2' X 2' ALLEY CASTING

Created: July 20, 2010

Scale: N.T.S.

Revised: October 28, 2015



DRAINS TO WATERWAYS" MESSAGE REQUIRED ON ALL CASTINGS

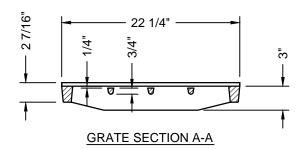
> TYPE S GRATE APPROX. 158 SQ. IN **OPEN AREA**

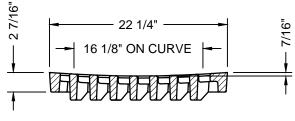
NOTES:

- **ASTM A48-83 CLASS 35B**
- 2. ALL BEARING SURFACES TO BE MACHINED

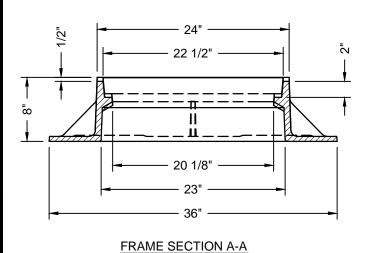
FRAME AND GRATE

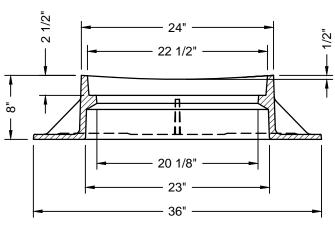
NEENAH R-3036-B W/TYPE S GRATE & **ENVIRONMENTAL LETTERING/SYMBOLS**





GRATE SECTION B-B





FRAME SECTION B-B