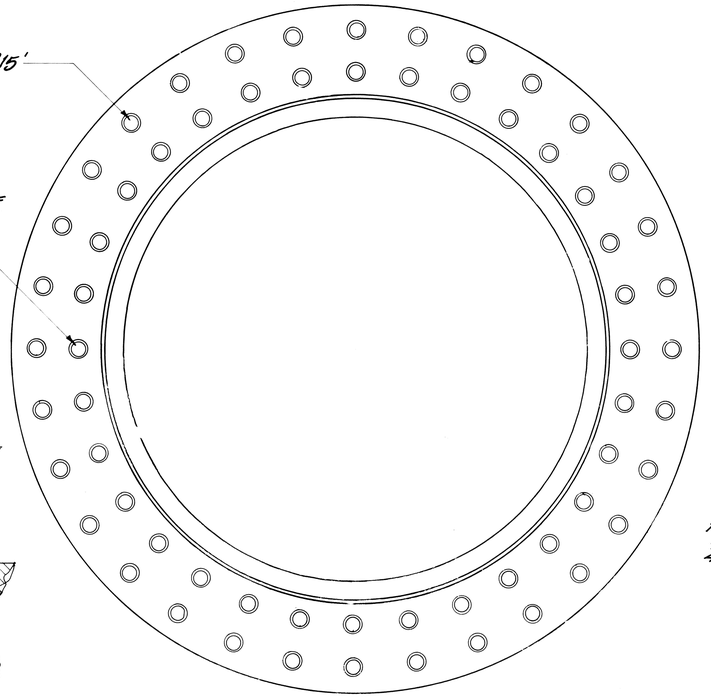
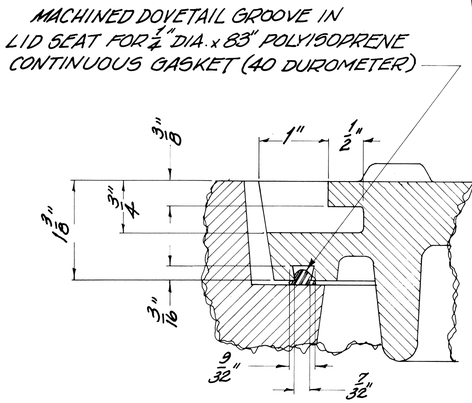
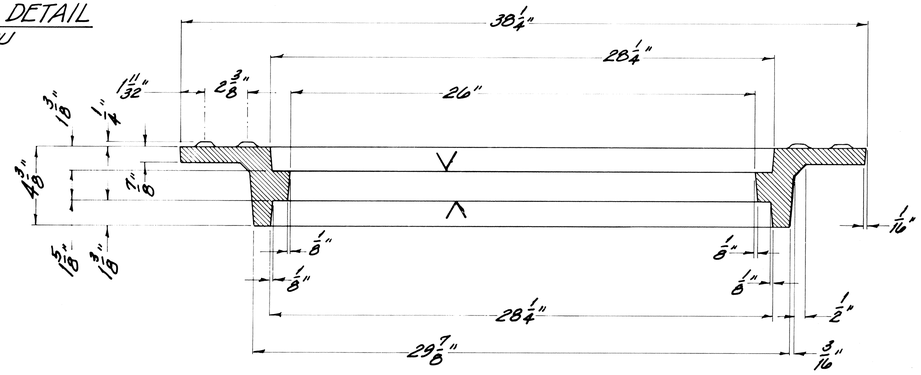


PLAN

REVERSIBLE FRAME



OPTIONAL SELF-SEAL DETAIL
SHOWING SECTION THRU CONCEALED PICKHOLE



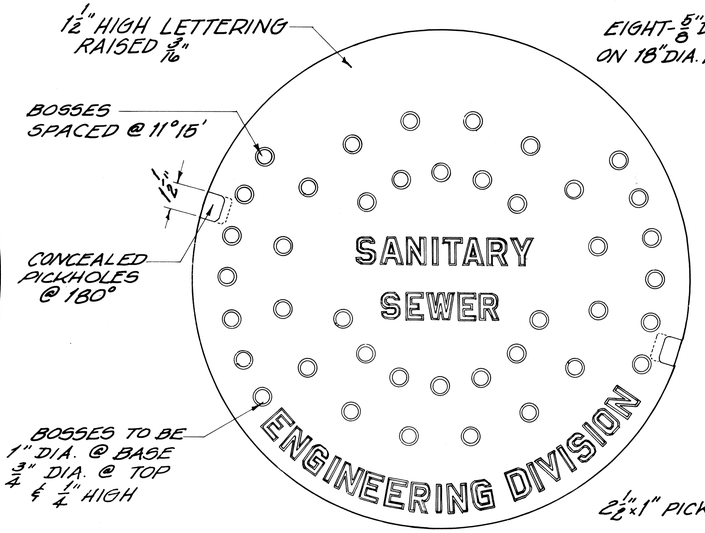
SECTION

AS SHOWN FOR OUT OF PAVING INSTALLATION - TYPE B
REVERSED FOR IN PAVING INSTALLATION - TYPE A

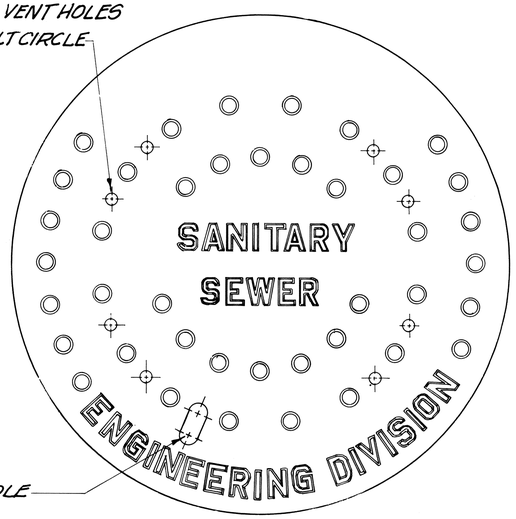
SANITARY SEWER IMPROVEMENTS MAINTENANCE BOND—
100% OF CONSTRUCTION COST FOR 2 YEARS.

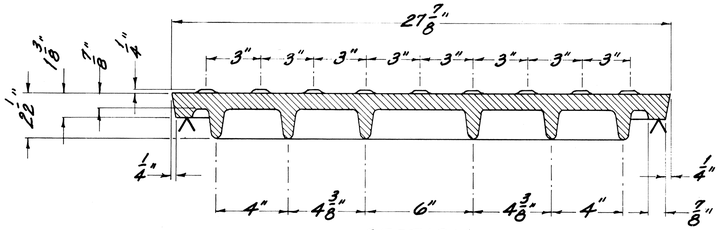
NEENAH FOUNDRY MODEL
OR APPROVED EQUAL

SOLID (NON-VENTED) COVER

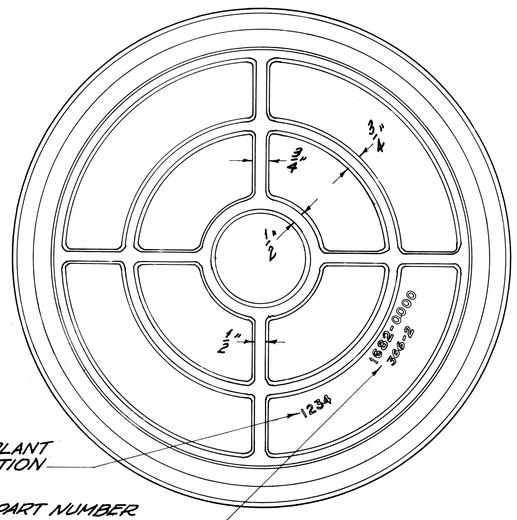


VENTED COVER





SECTION



MANUFACTURER'S PLANT NUMBER OR DISTRIBUTION POINT IDENTITY

MANUFACTURER'S PART NUMBER & HEAT NUMBER OR OTHER AGREED UPON IDENTITY

PLAN OF UNDERSIDE

ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CURRENT SPECIFICATIONS. SHARP EDGES RESULTING FROM FABRICATION SHALL BE DULLED BY ANY ACCEPTABLE METHOD FOR SAFETY IN HANDLING.
COVERS SHALL BE GRAY IRON CONFORMING TO THE REQUIREMENTS OF AASHTO M-105, CLASS 35B OR ASTM A-48-76 CLASS 35B. FRAME SHALL BE GRAY IRON CONFORMING TO THE REQUIREMENTS OF AASHTO M-105 CLASS 30B OR ASTM A-48-76 CLASS 30B. FERROUS CASTINGS SHALL BE OF UNIFORM QUALITY, FREE OF BLOWHOLES, POROSITY, HARDSPOTS, SHRINKAGE DISTORTION OR OTHER DEFECTS. THEY SHALL BE SMOOTH AND WELL CLEANED BY SHOT BLASTING OR OTHER APPROVED CLEANING METHOD. ALL CASTINGS SHALL BE MANUFACTURED TRUE TO PATTERN; COMPONENT PARTS SHALL FIT TOGETHER IN A SATISFACTORY MANNER WHERE INDICATED MACHINED SURFACES SHALL BE FURNISHED. WEIGHTS ARE APPROXIMATE AND AVERAGE. DEVIATION FROM THE FOLLOWING WEIGHTS SHALL NOT EXCEED 5% PLUS OR MINUS: FRAME 235 LBS. COVERS 195 LB. CASTINGS SHALL BE UNPAINTED.

APPROVED Gene W. Sayers
Gene W. Sayers
City Engineer

9-3-85
ORDINANCE No 291

S-2

DESIGN STANDARD DETAILS
CITY OF **CHOCTAW** OKLAHOMA

· STANDARD MANHOLE ·
REVERSIBLE FRAME & COVER

BY: DESIGN ENGINEERS, INC. Latest Revision 1-1-88 / 3-15-01

Sheet No. ____ of ____