

ADOPTED AS STANDARD DESIGN BY
CITY OF WICHITA, KANSAS

CLOSED PICKHOLE (SEE DETAIL)

Technical drawing of a mechanical part, likely a bracket or arm, showing dimensions in inches. The drawing includes a top view and a side view. Key dimensions are:

- Overall width: $3\frac{3}{4}"$
- Overall height: $1\frac{1}{4}"$
- Inner width: $1"$
- Inner height: $1"$
- Radius of the outer arc: $1\frac{1}{4}"$
- Radius of the inner arc: $1\frac{1}{4}"$

The part features a central rectangular cutout with rounded corners and a semi-circular end. The inner cutout is shaded with diagonal lines.

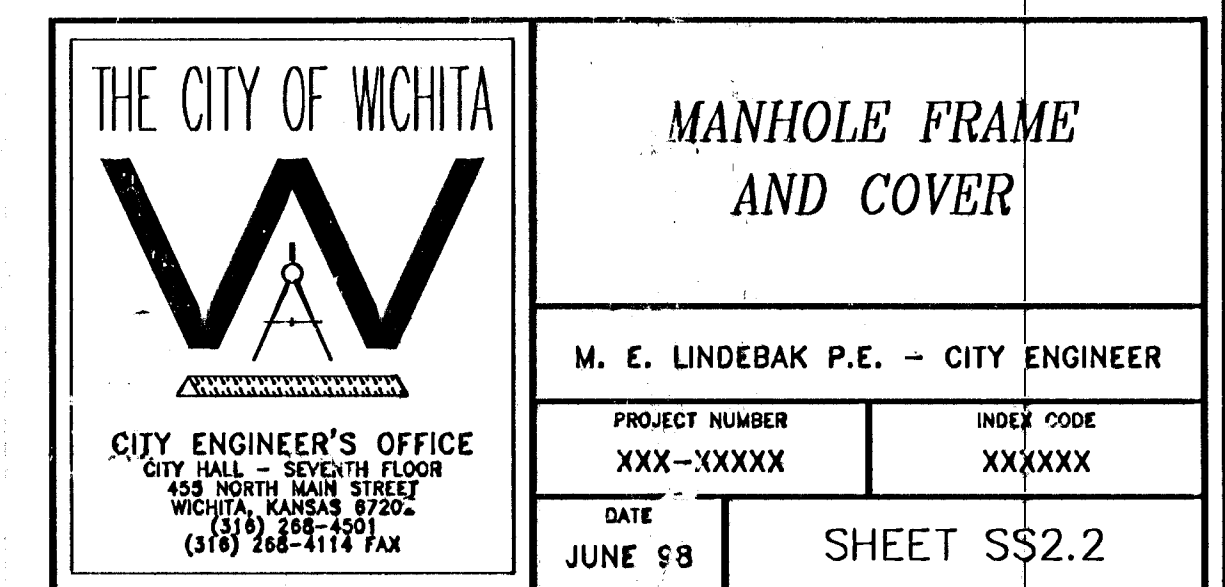
1. MANHOLE CASTINGS SHALL BE MANUFACTURED USING GOOD QUALITY GRAY IRON CONFORMING TO CLASS 30 OF A.S.T.M. DESIGNATION A-48. DIMENSIONS AND WEIGHTS SHOWN ON THE DETAILED DRAWINGS SHALL BE CONSIDERED AS MINIMUM REQUIREMENTS AND ANY DEVIATIONS FROM THE DIMENSIONS SHOWN MUST BE SPECIFICALLY APPROVED. THE FINISHED CASTINGS SHALL BE OF UNIFORM QUALITY, FREE FROM BLOWHOLES, POROSITY, HARD SPOTS, SHRINKAGE DISTORTIONS OR OTHER DEFECTS.
2. MANHOLE CASTINGS SHALL WEIGH A MINIMUM OF 130 POUNDS ON THE SOLID COVER AND 240 POUNDS ON THE MANHOLE RING. THIS IS A TOTAL OF 420 POUNDS ON A RING AND COVER SET. CASTINGS WEIGHING LESS THAN THE MINIMUM SPECIFICATIONS WILL NOT BE ACCEPTED.
3. MANHOLE CASTINGS SHALL BE MANUFACTURED SUCH THAT A COVER MANUFACTURED BY ANY ONE FOUNDRY WILL FIT INTERCHANGEABLY INTO A FRAME MANUFACTURED BY ANOTHER FOUNDRY AND STILL MEET ALLOWABLE CLEARANCES AND NON-ROCKING REQUIREMENTS. THIS WILL REQUIRE MANUFACTURING OF THE MATCHING FACES ON THE COVER AND THE FRAME TO CLOSE TOLERANCES.
4. THE OUTSIDE CIRCUMFERENCE OF THE VERTICAL FACE OF THE COVER AND THE INSIDE CIRCUMFERENCE OF THE VERTICAL FACE IN THE FRAME RECESS SHALL BE MANUFACTURED TO TOLERANCES SUCH THAT THE CLEARANCE BETWEEN THE COVER AND FRAME WILL NOT EXCEED 1/8" AT ANY POINT AROUND THE CIRCUMFERENCE OF THE COVER. THE SEATING SURFACES BETWEEN THE COVER AND FRAME SHALL BE MACHINED SUCH THAT THESE SEATING SURFACES SHALL MAKE FULL CONTACT FOR THEIR FULL CIRCUMFERENCE TO PRECLUDE THE COVER FROM ROCKING IN THE FRAME.
5. THE MANHOLE FRAME AND COVER SHALL BE MARKED WITH LETTERING INDICATING THE NAME OF THE MANUFACTURER AND THE YEAR WHEN THE COVER OR FRAME WAS CAST. THE COVER SHALL BE FURTHER IDENTIFIED WITH REGARDS TO OWNERSHIP USING LETTERS AT LEAST 1 INCH IN HEIGHT. THIS IDENTIFICATION SHALL BE "CITY OF MICHITA SEWER DEPARTMENT". THE WORD DEPARTMENT MAY BE ABBREVIATED. THE TEXTURE OF THE TOP SURFACE OF THE COVER SHALL BE MANUFACTURED IN A CHECKERED PATTERN DESIGN AS INDICATED ON THE DRAWINGS. SMOOTH BLOCKOUTS SHALL BE UTILIZED TO HIGHLIGHT THE LETTERING ON THE COVER SURFACE. THE TOTAL AREA OF SMOOTH SURFACE BLOCKOUT SHALL NOT EXCEED THE AREA AS INDICATED ON THE DRAWING. POSITIONING OF SMOOTH BLOCKOUTS AND LETTERING MAY VARY FROM THAT SHOWN ON THE DETAILED DRAWING.

Technical drawing of Section A-A of a wooden bench. The drawing shows a side view of a bench with a backrest and seat. Dimensions are given in feet and inches. The backrest is 2'-2" high and 2'-0" wide. The seat is 2'-8" wide and 1'-0" high. The bench is 4'-1/2" long. The drawing includes a "MACHINED FINISHED SEAT" label and a "SECTION A-A" label.

Technical drawing of a cross-section of a seat assembly. The drawing shows a central seat cushion with a "MACHINED FINISHED SEAT" label. Dimensions include a total width of 2'-11 1/2" and a seat width of 2'-0". Vertical dimensions show a seat height of 1'-0" and a total height of 1'-6". Other dimensions include 2'-2" Dia, 1/16", 7/8", 3/8", 1/2", 3/4", 1/2", 4'-1/2", and 2'-2 1/2". The drawing also indicates "Unfin. 13/16" and "Finishd 7/16" for the seat thickness.

Technical drawing of a mechanical part, likely a bracket or support, showing dimensions and tolerances. The drawing includes a cross-section view with hatching. Key dimensions include: overall width 3-3/8", overall height 2-1/8" Dia., and various internal features with dimensions like 1/2", 3/4", 1/8", 5/8", and 7/8". A note "Machine Finished" is present.

SA 111 VIEW



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