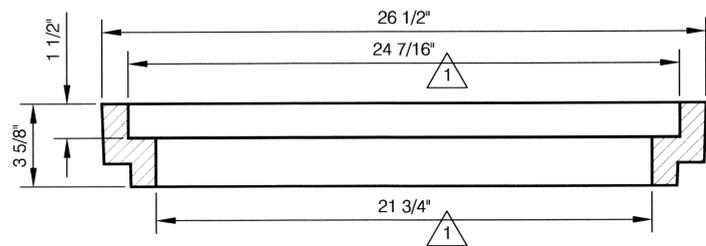
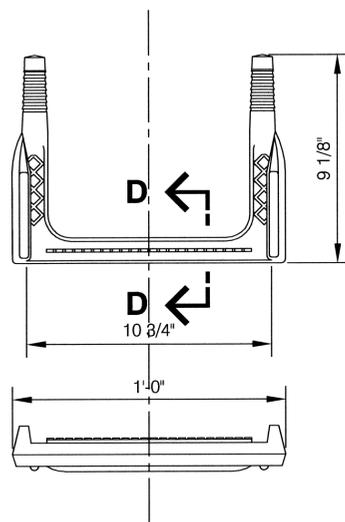


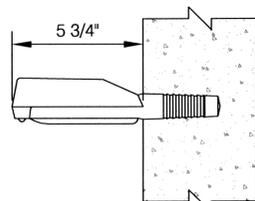
TOP VIEW



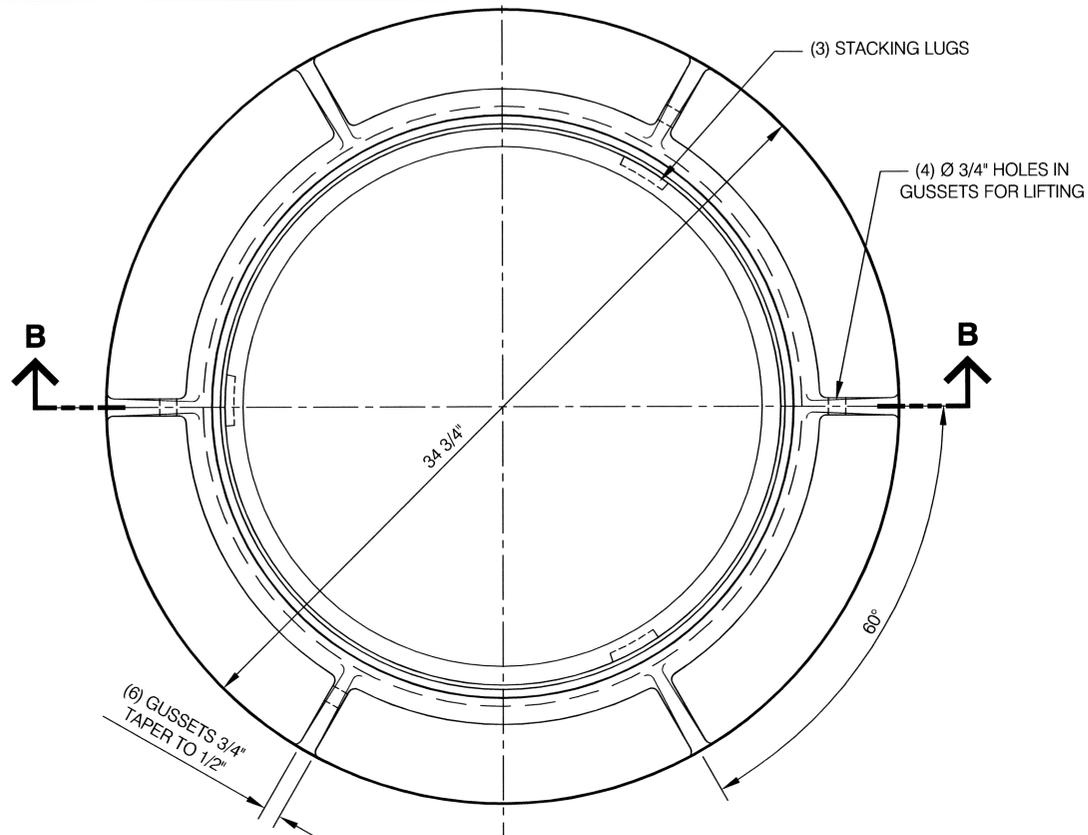
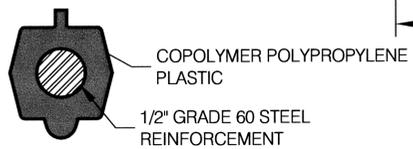
SECTION "A-A"
LIGHT WEIGHT RING
WT. 99 LBS.



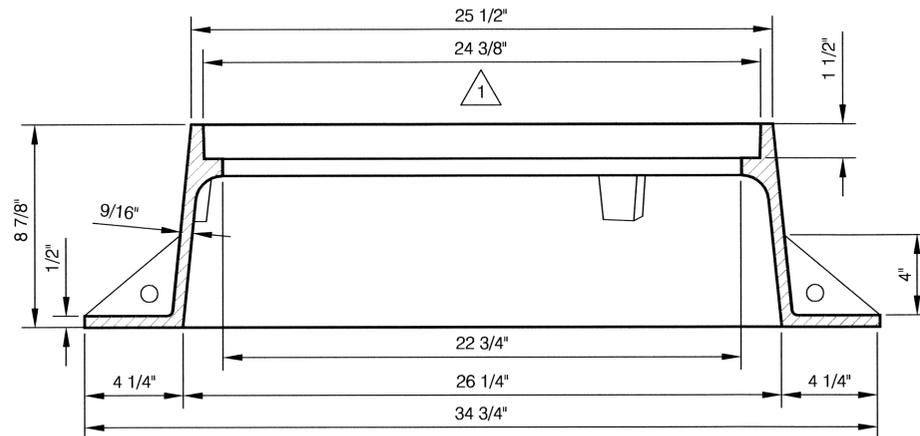
POLYPROPYLENE MANHOLE STEP



SECTION "D-D"



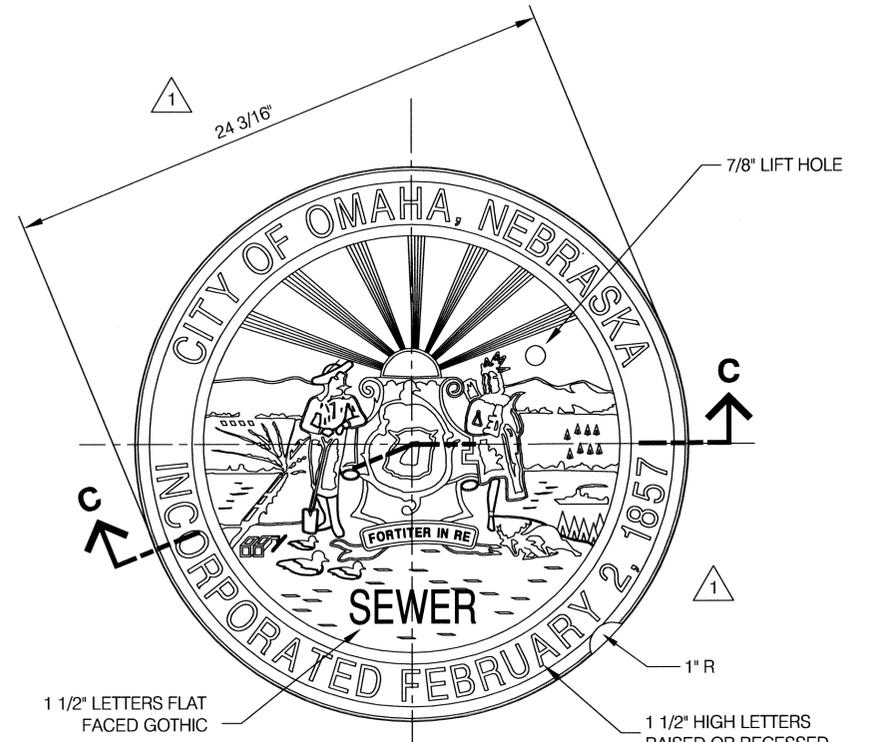
TOP VIEW



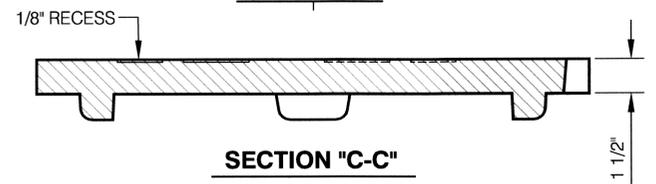
SECTION "B-B"
STANDARD CAST IRON MANHOLE RING
WT. 180 LBS.

NOTES

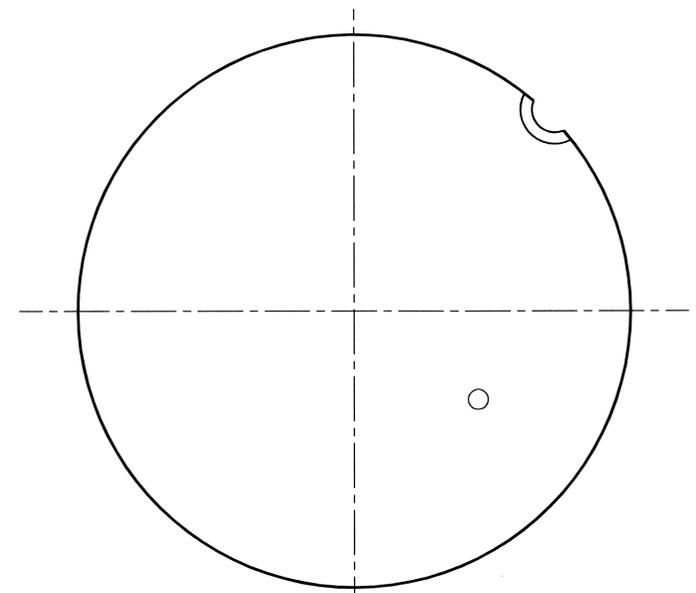
1. MANHOLE RINGS, COVERS AND STEPS SHALL CONFORM TO THE REQUIREMENTS OF SECTION 702.02 OF THE STANDARD SPECIFICATIONS.
2. HORIZONTAL BEARING SURFACES SHALL BE MACHINED.



TOP VIEW



SECTION "C-C"



BOTTOM VIEW

STANDARD MANHOLE COVER
WT. 146 LBS.

1	REVISION 10/14/2010

Eric R. Pfl
DESIGN ENGINEER
Robert J. Hubbe
PUBLIC WORKS DIRECTOR

CITY OF OMAHA		PUBLIC WORKS DEPARTMENT	
CAST IRON MANHOLE RINGS - COVER		STANDARD PLATE	
MANHOLE STEPS		3-90	
ISSUE DATE:		JUNE 27, 2003	
		SHEET 1/2	