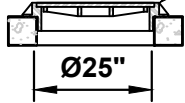


# Ø144" MANHOLES - WITH REDUCING SLAB

CAST IRON FRAMES AND COVERS ARE AVAILABLE IN SUBURBAN 3" HEIGHT AND STANDARD 7" HEIGHT (SUBURBAN 3" HEIGHT SHOWN)



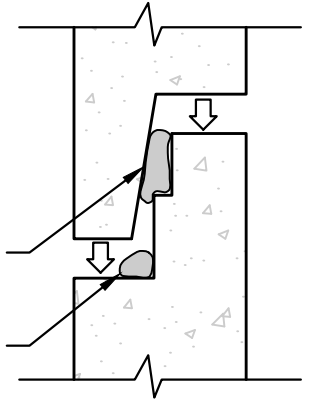
3'-0" ECCENTRIC CONE  
WEIGHT 2,565LBS

1'-6" ECCENTRIC CONE  
WEIGHT 1,300LBS

Ø48" MANHOLE SECTION

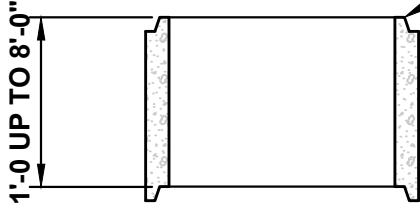
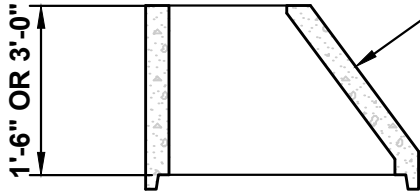
1'-0" (885LBS)  
2'-0" (1,770LBS)  
3'-0" (2,655LBS)  
4'-0" (3,540LBS)  
5'-0" (4,425LBS)  
6'-0" (5,310LBS)  
7'-0" (6,195LBS)  
8'-0" (7,080LBS)

OPTIONAL  
GASKET  
MASTIC

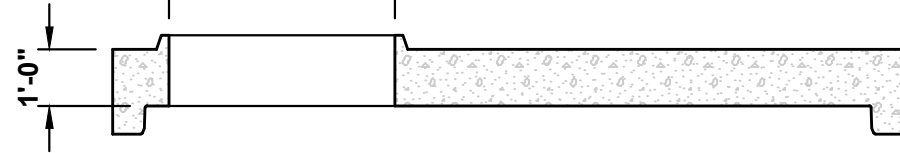


## JOINT DETAIL

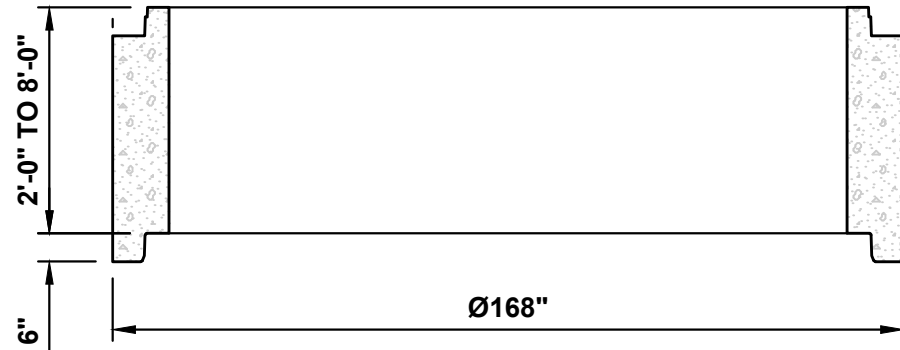
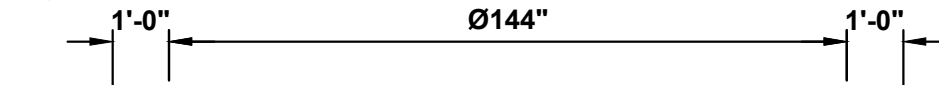
STANDARD JOINT SEALANT IS MASTIC.  
RUBBER GASKET IS OPTIONAL.



Ø48"



144"x48"  
REDUCING SLAB  
WEIGHT (9,435LBS)



Ø144" MANHOLE SECTION

2'-0" (12,300LBS)  
3'-0" (18,544LBS)  
4'-0" (24,747LBS)  
5'-0" (30,990LBS)  
6'-0" (37,194LBS)  
7'-0" (43,397LBS)  
8'-0" (49,600LBS)



Ø144" MANHOLE BASE  
WEIGHT 21,900LBS

## SECTION VIEW

### NOTES:

1. MANHOLE ASSEMBLY CONFORMS TO ASTM-C478.
2. ALL MANHOLE JOINTS SEALED WITH MASTIC OR RUBBER GASKET.
3. WEIGHTS LISTED ARE APPROXIMATE.
4. GRADE RINGS AVAILABLE AS NEEDED.