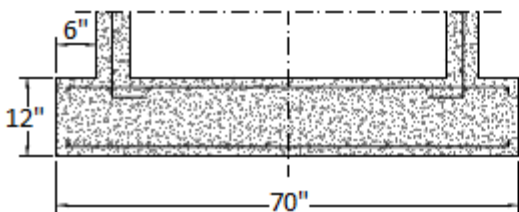
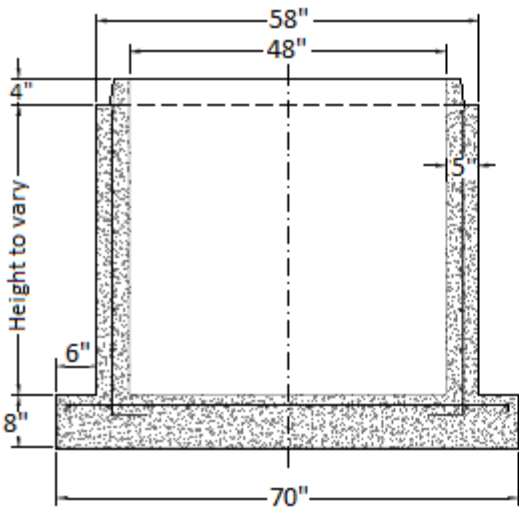


PLAN



SECTION

Specifications:  
ASTM C478 and AASHTO M 199

Design Properties:  
- SCC Concrete  
4900 PSI @ 28 days.  
- Steel Strength: 60,000psi (Grade 60)

Reinforcement:  
4x8 0.226/0.164 WWF Centered in Wall

Floor Thickness:  
8" Thick Floor for Depths up to 12 ft  
12" Thick Floor for Depths from 12ft - 30 ft

Flatops and Base Slabs are  
Designed for AASHTO HS-20  
Wheel Loading.

**BASE REINFORCEMENT:**

**WALL:**  
4x8 0,226/0M164 WWF centered in wall

**8" FLOOR:**  
#4 Rebar @ 12" O.C.E.W.  
1 1/2" Off bottom of floor 2" CLR of edge

**12" FLOOR:**  
**UPPER MAT:**  
#4 Rebar @ 12" O.C.E.W. 1 1/2"  
Off top of floor 2" CLR of edge  
**LOWER MAT:**  
#4 Rebar @ 12" O.C.E.W. 1 1/2"  
Off bottom of floor



MANHOLE 48" ID MONOLITHIC BASE



HA PRECAST Inc.

140 W Castellano Dr. El Paso, Texas

Project:

Date:

Manhole 48" ID Monolithic Base

HA Precast  
Manufacturer