**MANHOLE ASSEMBLY**

**APPROX. WEIGHTS:**
- BASE = 2800 LBS
- RISERS = 875 LBS/FT
- TOP SLAB = 1575 LBS
- 36" HIGH CONE = 2470 LBS

**CONCRETE TO TEST 4000 PSI @ 28 DAYS**
**IN CONFORMANCE WITH ASTM C-476**
**DESIGN FOR H2O LOADING**

**NOTES:**
- CONCRETE TO TEST 4000 PSI @ 28 DAYS
- IN CONFORMANCE WITH ASTM C-476
- DESIGN FOR H2O LOADING

**CONDUCTION OF MANHOLE BASE**

**REINFORCEMENT LAYOUT FOR TOP SLAB**

**NOTE:**
- CONE DIMENSIONS
  - DIA OPENING | HEIGHT
  - 24" | 36"
  - 30" | 36"

**4"-0" DIA. CONCRETE MANHOLE WITH SPREAD FOOTING - TYPICAL ASSEMBLY**

**DETAILS:**
- BUTYL RUBBER FEDERAL SPECIFICATION SS-S-00210 (GSA-FSS)
- JOINT DETAIL
- REINFORCEMENT LAYOUT FOR TOP SLAB

**DRAWING INSTRUCTIONS:**
- SEE NOTE
- SEE JOINT DETAIL
- SEE DWG. NO. 908-A FOR STEP DETAIL
- CONVEYOR ADVANCEMENT FOR SAFE DESCENT AND ASCENT
- CONE SECTION (SEE NOTE)
- INLET & OUTLET PRECAST AT ANY ANGLE (SEE PLAN VIEW)
- DIA. OF HOLE TO SUIT
- BASE RISER SECTION
- TYPICAL 48" DIA MANHOLE WITH TOP SLAB

**MANHOLE BASE**

**PLAN VIEW OF PRECAST MANHOLE BASE**

**AREA OF CIRCUMFERENTIAL STEEL (SIDE WALLS)**
- .12 SQ. IN. PER LIN. FT.

**OUTLET ANGLE AS REQUIRED**

**INVERT TO BE BUILT BY CONTRACTOR (TYP)**

**OPENING SIZE TO SUIT**

**2-#4 BARS AT 90°**

**#4 @ 6" O.C.E.W.**

**INLET**

**BASE RISER SECTION**

**MANHOLE ASSEMBLY**

**BASE = 2800 LBS**
**RISERS = 875 LBS/FT**
**TOP SLAB = 1575 LBS**

**36" HIGH CONE = 2470 LBS**