**MANHOLE 4' X 4' SQUARE**

- **Optional Top Slab**
  - Height: 8"  Item No: MH4S-FT4SQ  Weight: 1.650#

- **Top Section**
  - Height: 1'-0"  Item No: MH4S-12T4SQ  Weight: 3.192#
  - Height: 2'-0"  Item No: MH4S-24T4SQ  Weight: 4.514#
  - Height: 3'-0"  Item No: MH4S-36T4SQ  Weight: 5.845#
  - Height: 4'-0"  Item No: MH4S-48T4SQ  Weight: 7.175#

- **Riser Section**
  - Height: 1'-0"  Item No: MH4S-12CS4SQ  Weight: 1.332#
  - Height: 2'-0"  Item No: MH4S-24CS4SQ  Weight: 2.664#
  - Height: 3'-0"  Item No: MH4S-36CS4SQ  Weight: 3.996#
  - Height: 4'-0"  Item No: MH4S-48CS4SQ  Weight: 5.328#

- **Base Section**
  - Height: 2'-0"  Item No: MH4S-24BS4SQ  Weight: 4.514#
  - Height: 3'-0"  Item No: MH4S-36BS4SQ  Weight: 5.845#
  - Height: 4'-0"  Item No: MH4S-48BS4SQ  Weight: 7.175#
  - Height: 5'-0"  Item No: MH4S-60BS4SQ  Weight: 8.510#

**NOTES:**
1. CONCRETE: 4,000 PSI MINIMUM AFTER 28 DAYS.
2. DESIGN LOADING PER AASHTO HS-20, 1 TO 5 FEET COVER.
3. MANHOLE DESIGN SPECS CONFORM TO ASTM C478 SPEC FOR "PRECAST REINFORCED CONCRETE MANHOLE SECTIONS."

**Sketch Details:**
- **Plan View**
  - Dimensions: 4'-0" x 5'-0"
  - Height: 10"
- **Section View**
  - Dimensions: 6" x 6"
- **Typical Mortar Joint**
- **Pipe Connections**
- **Non-Shrink Grout**