

**PLAN**

- NOTES:
1. CONCRETE MINIMUM STRENGTH – 5,000 PSI @ 28 DAYS.
  2. STEEL REINFORCEMENT – ASTM A615, GRADE 60.
  3. MINIMUM STEEL COVER – 1-1/2 INCH TYPICAL
  4. DESIGN LOADING – AASHTO HS20-44.
  5. DESIGN SPECIFICATIONS – ACI 318 & AASHTO LOAD FACTOR DESIGN METHOD.
  6. ALL TERMINATORS SHALL HAVE BELL ENDS FLUSH WITH THE INSIDE WALL.
  7. TERMINATORS MAY BE SPECIFIED IN LIEU OF KNOCKOUTS AT THE DIRECTION OF NSTAR.
  8. CONSTRUCTION JOINT SHALL BE SEALED WITH 1"Ø BUTYL RUBBER OR APPROVED EQUAL.
  9. RACKING/STANCHIONS SOLD SEPARATELY.

**SHEA** *New England's Premier Precaster*  
**CONCRETE PRODUCTS**  
 800-696-7432 (SHEA)  
 www.sheaconcrete.com

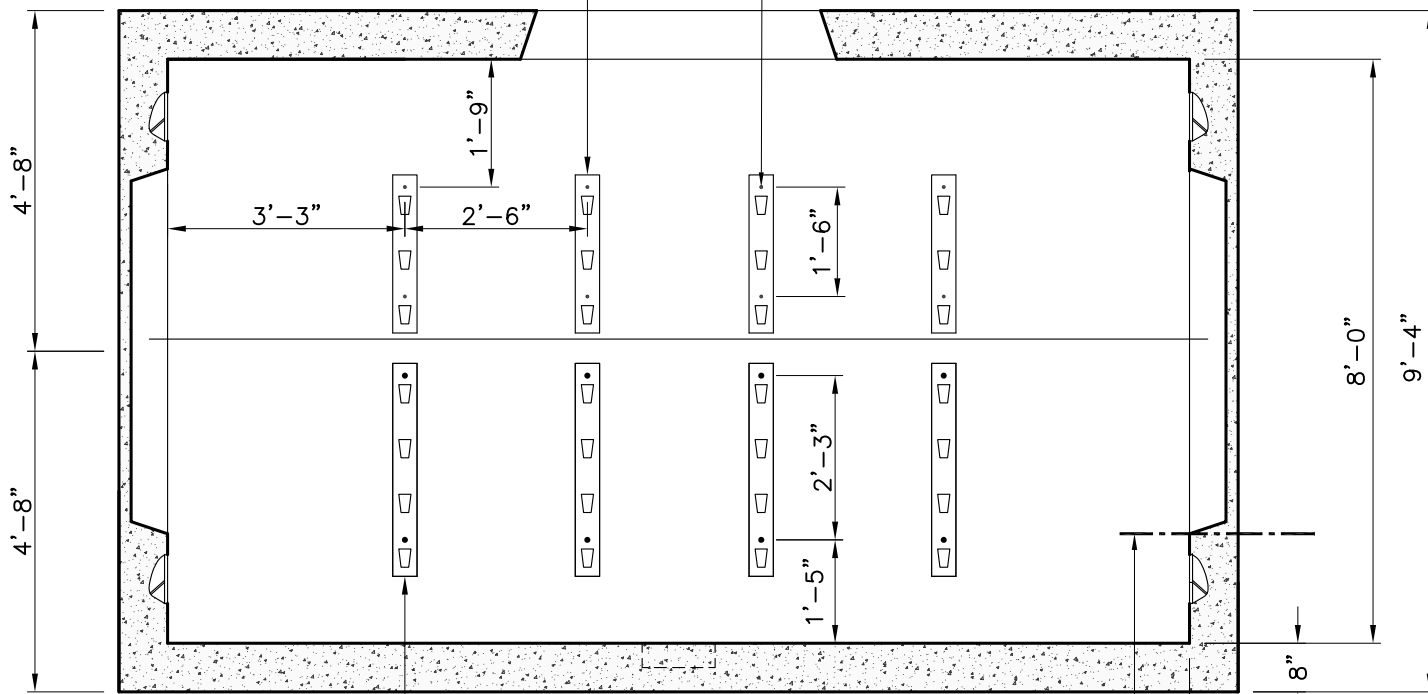
773 Salem Street—Wilmington, MA 153 Cranberry Hwy—Rochester, MA  
 87 Haverhill Road—Amesbury, MA 160 Old Turnpike Rd—Nottingham, NH  
 Mail to: PO Box 520—Wilmington, MA 01887

**NSTAR UTILITY MANHOLE M1214**  
**8'-0"W x 14'-0"L x 8'-0"H**

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 01/01/2013

(24) 5/8" DIA THREADED STEEL INSERT (BOTH LONG WALLS)

3 POSITION STANCHION (TYP.)

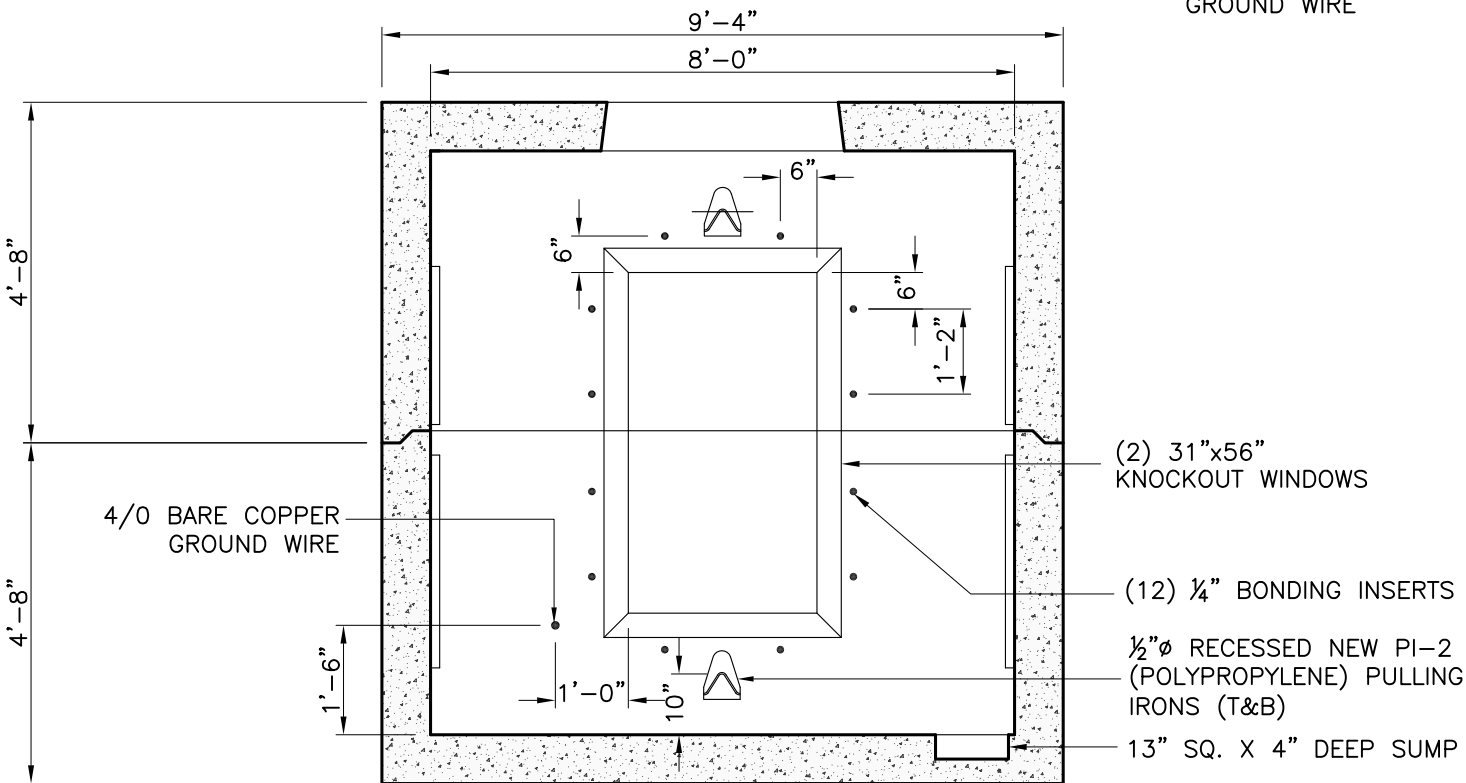


4 POSITION STANCHION (TYP.)

### SECTION A-A

OPPOSITE WALLS ARE MIRROR IMAGES.

4/0 BARE COPPER GROUND WIRE



### SECTION B-B

OPPOSITE WALLS ARE MIRROR IMAGES.

(2) 31"X56" KNOCKOUT WINDOWS

(12) 1/4" BONDING INSERTS

1/2" RECESSED NEW PI-2 (POLYPROPYLENE) PULLING IRONS (T&B)

13" SQ. X 4" DEEP SUMP



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