

REINF: H-20 HIGHWAY LOADING GRADE 60 REBAR SPREAD BARS @ ALL OPENINGS

WALLS: #5 BAR @ 12" O.C. EACH WAY

ROOF AND FLOOR: #5 BAR @ 12" O.C. LONGITUDINAL #7 BAR @ 12" O.C. TRANSVERSE PROVIDE HARDWARE PACKAGE

"S" BRACKETS

"B" BRACKETS

16

47 HOLE RACKS

14

½" x 13 x 1¼" BOLTS

40

½" x 13 NUTS

40

½" x 13 x 1¾" BOLTS

72

8' HOOKED LADDER (CONFIRM LENGTH)

STEP

1" DIA. BUTYL RUBBER ROPE MASTICS
PROVIDED TO INSURE WATERTIGHT SEALS.

(4) EXTRA #5 DIAGONAL BARS @ RÓOF OPENING E.J.I.W. #1805C HEAVY DUTY FRAME AND COVER WITH "UM TELCOM" LETTERING ON LID PROVIDE GRADE RINGS AS ½" THREADED REQUIRED INSERTS (72) 1 ½" KEYWAY (TYP.) 9" / 15" (TYP.)
18" 9" + 4½″ DIA. LATERAL KNOCKOUTS (TYP.) GROUND/ 7'-0" BARS "B" BRACKET, — 4 EACH CORNER 7'-11" GALV. 1 ½" KEYWAY-LADDER (TYP.) 5" 47 HOLE RACK TYP. OF SEVEN EACH SIDE SECTION A-A PROVIDE 12" BASE OF 98% COMPACTED MDOT FILL SEALED INDENTATION FOR USE OF PORTABLE PUMP OFFSET TO ONE SIDE TO GENERAL NOTES CLEAR PULLING IRON.

- 1. INSTALL ONE PULLING IRON IN EACH WALL OPPOSITE EACH PRESENT AND FUTURE DUCT RUN OUT OF MANHOLE. ALSO ON FLOOR CENTERED UNDER COVER.
- 2. SEE DUCT PLAN DRAWING SHOWING PLANNED & FUTURE DUCT ENTRANCES. ON CURRENTLY PLANNED DUCTS, PROVIDE OPENING SIZED & CONSTRUCTED AS NOTED IN DETAIL. 16110015. ON FUTURE DUCT RUNS, PROVIDE KNOCKOUTS SIZED AS NOTED FOR MAXIMUM OF 8 DUCTS
- 3. DUCT BANKS SHALL ONLY ENTER MANHOLE ON SHORT (5'-0") SIDES OF MANHOLE.
- 4. PROVIDE CABLE ARMS & INSERTS SPACED AS SHOWN ON ALL 4 SIDES OF MANHOLE. INSERTS TO END WITHIN 1" OF FLOOR AND CEILING.

12' x 6' x 7'-0" TELECOMMUNICATIONS MANHOLE

NO SCALE

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