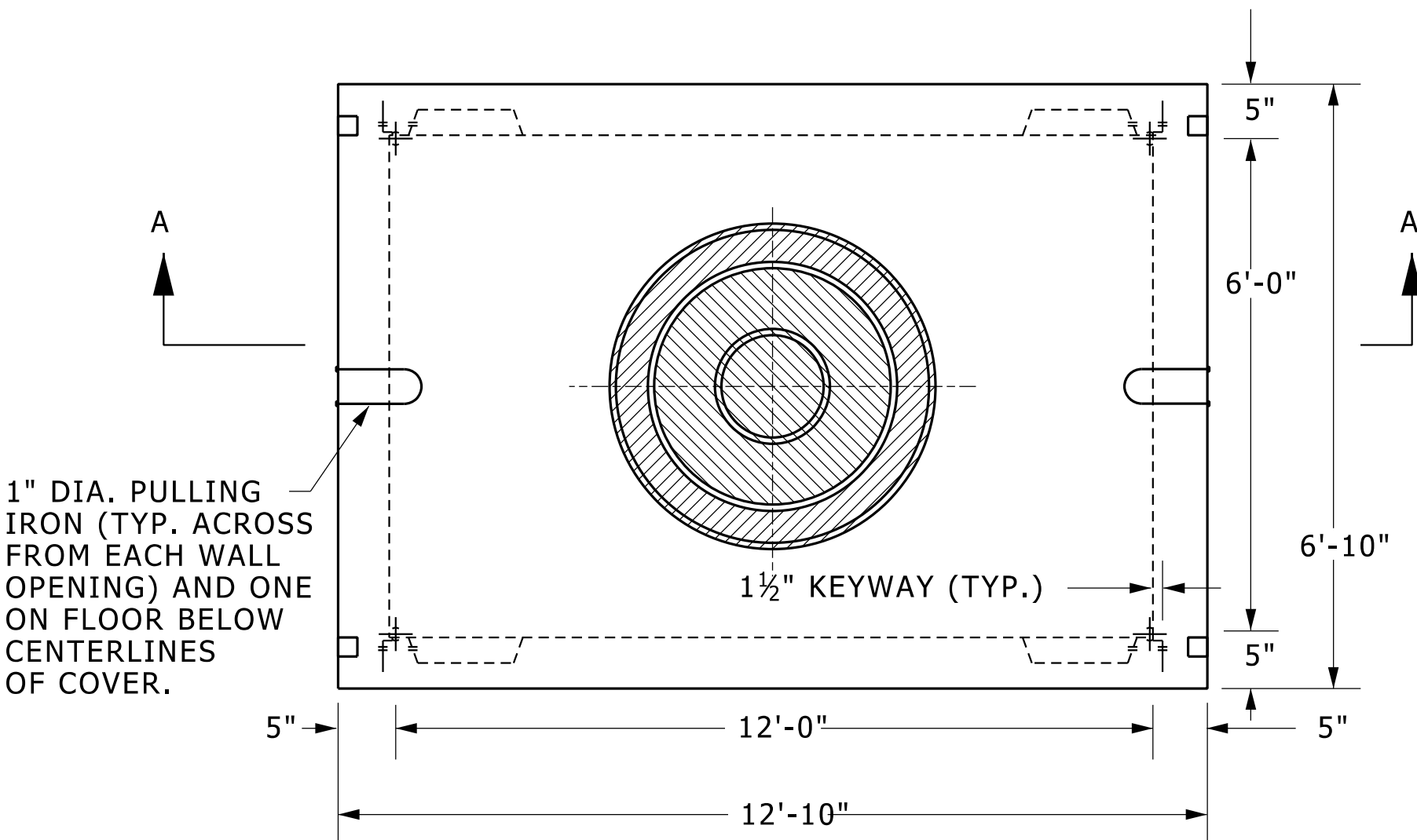




PLAN VIEW

CONCRETE: 4500 P.S.I. @ 28 DAYS

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	24
"B" BRACKETS	16
47 HOLE RACKS	14
1/2" x 13 x 1 1/4" BOLTS	40
1/2" x 13 NUTS	40
1/2" x 13 x 1 3/4" BOLTS	72
8' HOOKED LADDER (CONFIRM LENGTH)	1
STEP	1
1" DIA. BUTYL RUBBER ROPE MASTICS	
PROVIDED TO INSURE WATERTIGHT SEALS.	

(4) EXTRA #5 DIAGONAL BARS @
ROOF OPENING

PROVIDE GRADE RINGS AS
REQUIRED

1 1/2" KEYWAY
(TYP.)

4 1/2" DIA.
LATERAL
KNOCKOUTS
(TYP.)

"B" BRACKET,
4 EACH CORNER

1 1/2" KEYWAY
(TYP.)

PROVIDE 12" BASE OF 98%
COMPACTED MDOT FILL

E.J.I.W. #1805C HEAVY DUTY
FRAME AND COVER WITH
"UM TELCOM" LETTERING
ON LID

1/2" THREADED
INSERTS (72)

SECTION A-A

SEALED INDENTATION FOR
USE OF PORTABLE PUMP
OFFSET TO ONE SIDE TO
CLEAR PULLING IRON.

GENERAL NOTES

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