ROOF AND FLOOR:

(TYP.)

KNOCKOUTS

LATERAL 4" DIA.

OF COVER.

CENTERLINES ON FLOOR BELOW OPENING) AND ONE FROM EACH WALL.

IRON (TYP. ACROSS 1" DIA. PULLING 12'-0"

6'-10" A 6'-0"

" KEYWAY (TYP.)

2 1 1

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 #4. P. FLOORS

#5 BAR @ 12" O.C. LONGITUDINAL

#7 BAR @ 12" O.C. TRANSVERSE

(4) EXTRA #5 DIAGONAL BARS @ ROOF OPENING

REQUIRED PROVIDE GRADE RINGS AS INSERTS (72)

" THREADED 2 1

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

PROVIDE HARDWARE PACKAGE "S" BRACKETS "B" BRACKETS 47 HOLE RACKS 47 HOLE RACKS 47 HOLE RACKS 47 HOLE RACKS

2" BOLTS 4 1 2" BOLTS 3 1 8" HOOKED LADDER (CONFIRM LENGTH) 1 STEP 1

1" DIA. BUTYL RUBBER ROPE MASTICS

STEP PROVIDED TO INSURE WATERTIGHT SEALS.

DUCT RUN OUT OF MANHOLE. ALSO ON FLOOR CENTERED UNDER COVER.

INSTALL ONE PULLING IRON IN EACH WALL OPPOSITE EACH PRESENT AND FUTURE DUCT RUN OUT OF MANHOLE. ALSO ON FLOOR CENTRED UNDER COVER.

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 FOR MAXIMUM OF 8 DUCTS.

SECTION A-A

GENERAL NOTES

1. INSTALL ONE PULLING IRON IN EACH WALL OPPOSITE EACH PRESENT AND FUTURE DUCT RUN OUT OF MANHOLE. ALSO ON FLOOR CENTRED 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 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 17 OF FLOOR AND CEILING.

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

NO SCALE

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