EXISTING STRUCTURE
ABOVE
CEILING
EXISTING
ABOVE
CEILING
EXISTING
EXISTING STRUCTURE
44"
SIDE VIEW
44"
CEILING
FRONT VIEW
NC STATE UNIVERSITY COMMUNICATION TECHNOLOGIES

1. CUT HOLE IN GYPSUM BOARD ABOVE CEILING AS REQUIRED FOR CONDUIT/FLEX INSTALLATION. FIRESTOP FIRE-RATED CONSTRUCTION IN ACCORDANCE WITH THE UL-LISTED THROUGH PENETRATION FIRESTOP DETAILS SHOWN ON THE DRAWINGS. FIRESTOP NON-FIRE-RATED CONSTRUCTION IN ACCORDANCE WITH THE N.C. STATE BUILDING CODE. SEE UL PENETRATION DETAILS, FIRESTOPPING DETAIL SHEET.

2. 3/4" EMT CONDUIT TO NEW WIREWAY LOCATED IN CEILING SPACE, ROUTE ABOVE EXISTING ACOUSTIC CEILING TILE OR TIGHT TO FIXED TILE CEILING AND SUPPORT AS REQUIRED.

3. STEEL CITY #CY-3/4", 1 ea. 3-1/2" DEEP OUTLET BOX W/ 3/4" K.O. PROVIDE PULL STRING FROM OUTLET BOX TO WIREWAY. SECURE AT BOTH ENDS. INSTALL CONDUIT INTO TOP OF BOX, INTO ONE OF BACK HOLES.

4. MADISON 3/4" STRAIGHT SQUEEZE TYPE BOX CONNECTOR FOR 3/4" FLEX CONDUIT.

5. 3/4" FLEX CONDUIT INSIDE GYPSUM BOARD AND METAL STUD WALLS.

6. 3/4" RIGID CONDUIT COUPLING.

7. RACO #2903 3/4" EMT COMPRESSION TYPE CONNECTOR.

FLUSH MOUNTED PHONE OUTLET

SCALE: 1/2"=1’-0"

GENERAL NOTES:

1. CEILING HEIGHT MAY VARY FROM ROOM TO ROOM.

2. USE COMPRESSION COUPLINGS AND CONNECTORS FOR EMT CONDUIT.

3. NO MORE THAN TWO (2) 90 DEGREE TURNS SHALL EXIST BETWEEN BOXES OR BETWEEN JUNCTION BOXES AND END OF CONDUIT. NO "LB" TYPE JOINTS WILL BE ALLOWED.

4. FOR FLUSH MOUNTED OUTLETS – ADJUST "EARS" OF BOTH BOXES SO THAT BOX WILL SET BACK FROM SURFACE OF WALL. WHEN CUTTING GYP BOARD FOR BOX, CUT OUT FOR BOX AND NOTCH FOR TABS SO THAT BOX WILL SET BACK FROM SURFACE OF WALL. MAINTAIN NEC 370-21 REQUIREMENT.

5. PROVIDE PULL STRINGS BETWEEN PULLING POINTS. SECURE AT BOTH ENDS.