

This drawing is diagrammatic and not intended to show minor details and exact locations.

THREE CAT6 CABLES TO EACH OUTLET LOCATION (2-BLUE DATA, 1 WHITE VOICE)

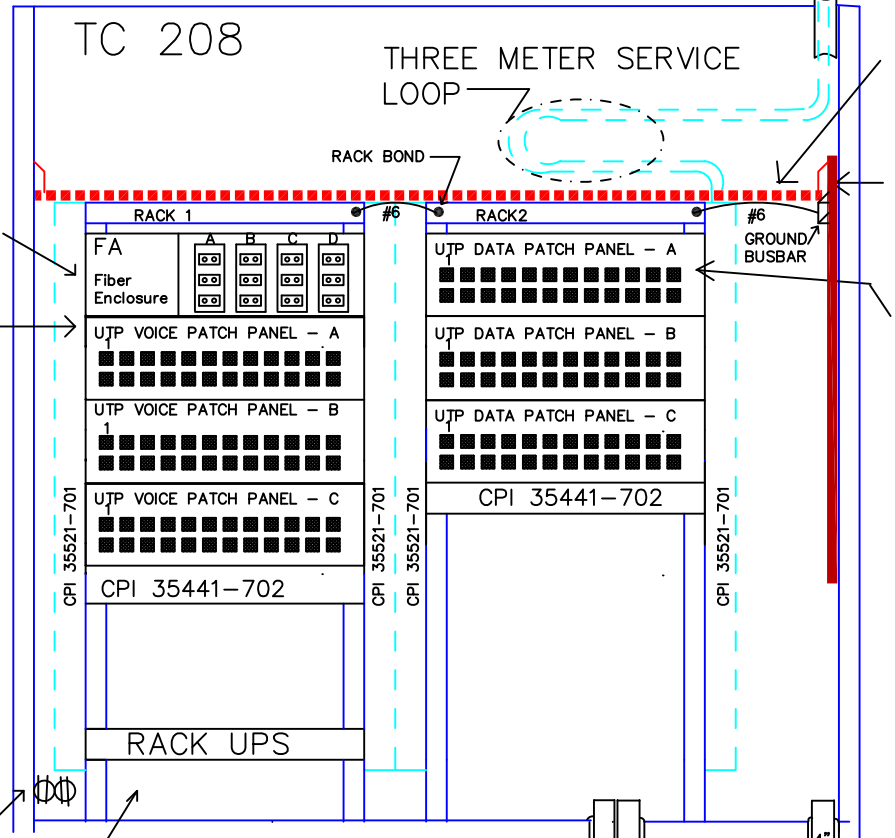
CABLE IDENTIFIER: 241-2-1A-01  
RE: SECOND OUTLET, NJ 1A-02, IN ROOM 241

CENTER HUNG CABLE TRAY

1-METER SERVICE LOOP (SUPPORT CABLE W/CAT5 J-HOOKS)

LOCATE THE FIBER ENCLOSURE AT THE TOP OF CORE RACK IN MDF & AT TOP OF RACK 1 IN IDF. ADD HORIZ. CABLE MGM'T ABOVE AND BELOW EACH SUB-SEQUENT PATCH PANEL OR SWITCH. LABEL EACH FIBER ENCLOSURE WITH ORIGIN/DESTINATION AND PANEL LOCATION OF EACH FIBER CABLE.

REQUIRE TWO DEDICATED 30 AMP 110 VAC CIRCUITS FOR NETWORK REDUNDANCY AC SWITCHING. PROVIDE A MINIMUM OF ONE CIRCUIT ON BACKUP GENERATOR WHEN AVAILABLE.



CABLE MGM'T SUPPORT SYSTEM. USE MINIMUM OF 16" RUNWAY (LADDER).

PLYWOOD, 3/4", FINISH SIDE, NFPA COMPLIANT. USE 7' FLOOR MOUNTED CABLE MGM'T RACKS.

NETWORK TERMINATION HARDWARE (MDF, IDF) CAT6, 568B PINNED ANGLED PATCH PANEL. UPPER LEFT CORNER LABELING. LABEL IN SEQUENCE(A,B & C) TOP TO BOTTOM. LABEL EACH PATCH PANEL PORT WITH ROOM, OUTLET, & JACK IDENTIFIERS.

EX: TERMINATING HARDWARE PORT #1 LABEL (208-2/C). USE LASER PRINTED LABELS CONSISTANT WITH CURRENT INFRASTRUCTURE PATCH PANEL LABELING.

\* TERMINATE HORIZ. CABLES SEQUENTIALLY (LOW TO HIGH ROOM NUMBERS & BY PORT SEQUENCE A,B,C, ETC.). A NETWORK SWITCH WILL BE DEDICATED TO EACH 48 PORT PATCH PANEL. IE: SWITCH CSO-040-208-01 WILL HAVE PORTS DEDICATED TO PATCH PANEL 1A. PATCHING WILL REFLECT THE PATTERN PATCH PANEL PORT 1A-01 TO SWITCH PORT 1, PATCH PANEL PORT 1A-02 TO SWITCH PORT 3, PATCH PANEL PORT 1A-03 TO SWITCH PORT 5 AND ENDING WITH PATCH PANEL PORT 1A-48 BEING PATCHED TO SWITCH CSO-040-208-01 PORT 48.

CABLES FOR MOVES, ADD, AND CHANGES WILL BE TERMINATED ON THE NEXT AVAILABLE OPEN PATCH PANEL PORT AND PATCHED TO THE NEXT AVAILBLE SWITCH PORT WHILE MAINTAINING THE SEQUENCE PATTERN DESCRIBED ABOVE.

\*CONDUIT BANK  
CB-ER#-208

PREFER IN WALL ROUTING. USE CAT6 APPROVED SURFACE RACEWAY & ACO BOX FOR EXTERNAL ROUTING.

DOCUMENTATION NOTE: PROVIDE AUTOCAD DOCUMENTATION OF OUTLET LOCATIONS/TYPE ON UNCG BUILDING FLOOR PLANS. ADD A SWITCHABLE ATTRIBUTE INDICATING THE NETWORK SWITCH AND PORT AT EACH OUTLET IDENTIFIER. EX: FOR A TYPICAL UNCG SPEC OUTLET LOCATION THE ATTRIBUTE ADDED TO THE DRAWING MAY BE 208-01/01/03. THIS TO INDICATE THAT THE NETWORK JACKS ARE PATCHED TO SWITCH NUMBER 1 IN THE 208 TELECOM ROOM.

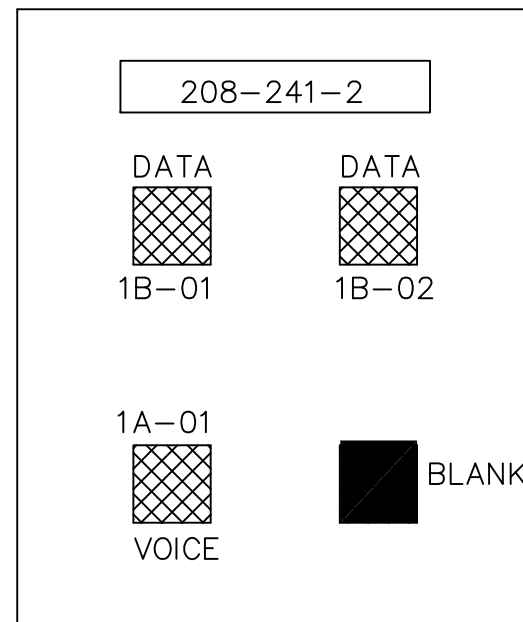
4X4 DEEP BOX W/COMM/PLASTER RING DUPLEX ADAPTER

OUTLET 241-1

OUTLET 241-2

In addition to the normal room number identifier label each Telecommunications space with "Telecommunications Room". Label bonding conductors, pathways, riser cable, entrance cable, and equipment consistant with TIA/EIA 606A Class 3 recommendations.

NOTE - Use cable trays or ladder support system attached to beam, purlin, or deck for supporting cable bundles weighing in excess of .45 pounds per foot. Cable or cable bundle of less than .45 pounds per foot can be supported by category five rated J hooks spaced at 4 foot maximum distance. The cable support system installed as specified in NEC/NAFPA-70 article 800, BICSI, and ANSI/TIA/EIA 568A specification.



241-2 OUTLET WALL PLATE W/CAT6 WORK AREA JACKS IN 568B MAPPING CONFIGURATON. USE PERMANENT (NON-SMEARING/HERMETIC/UV RESISTANT) LABELS.

DATE	REVISION	BY	OK

FIGURE 1  
LABELING, RACKING, & ROUTING

SCALE: nts	DRAWN: PK	DESIGNED:	DRAWING NO.
APPROVED:	DATE: 8-11	CHECKED:	UTCFIG1
REFERENCE FOR: UNCG WIRING GUIDELINES			OF JOB NO.