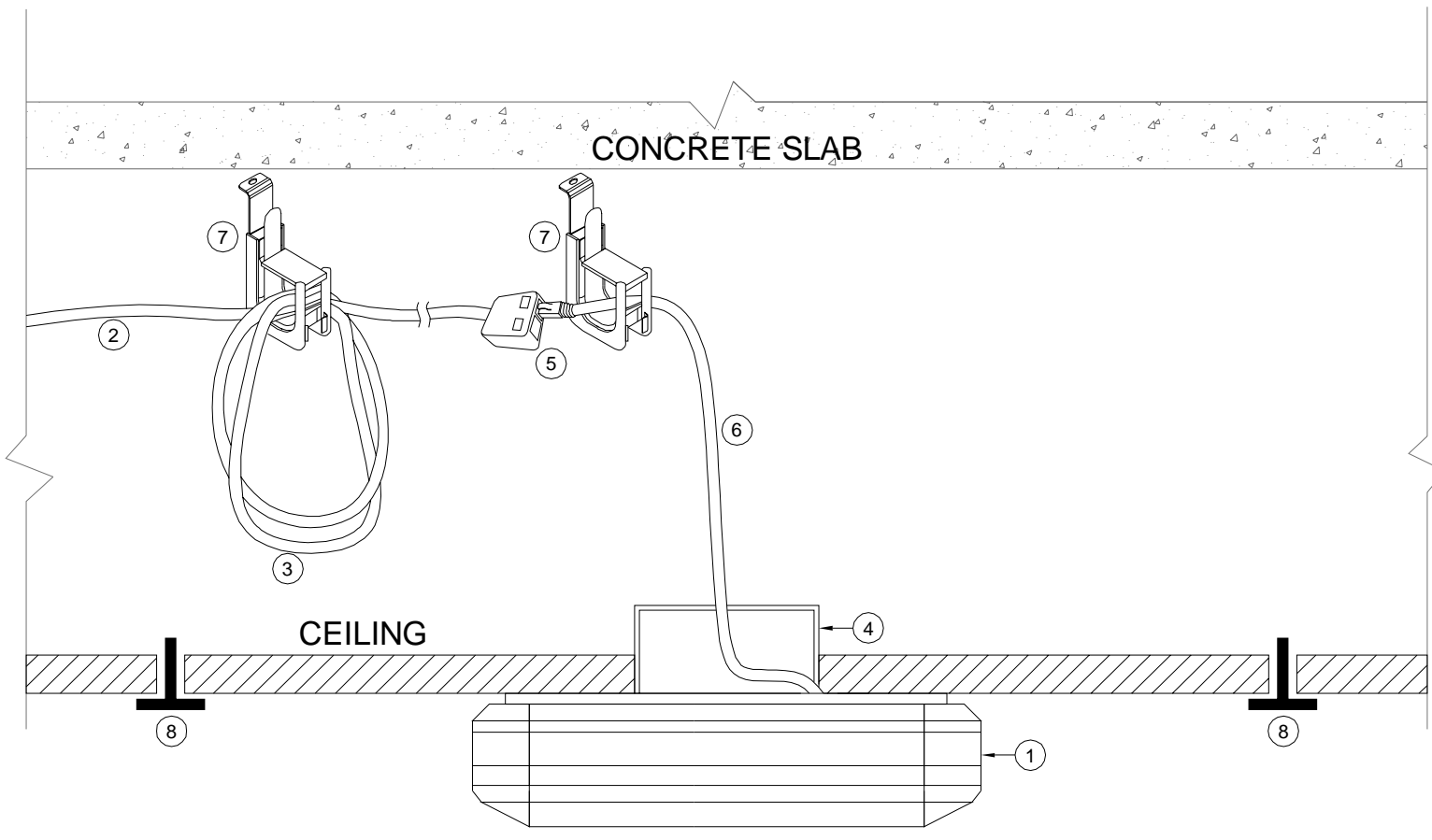


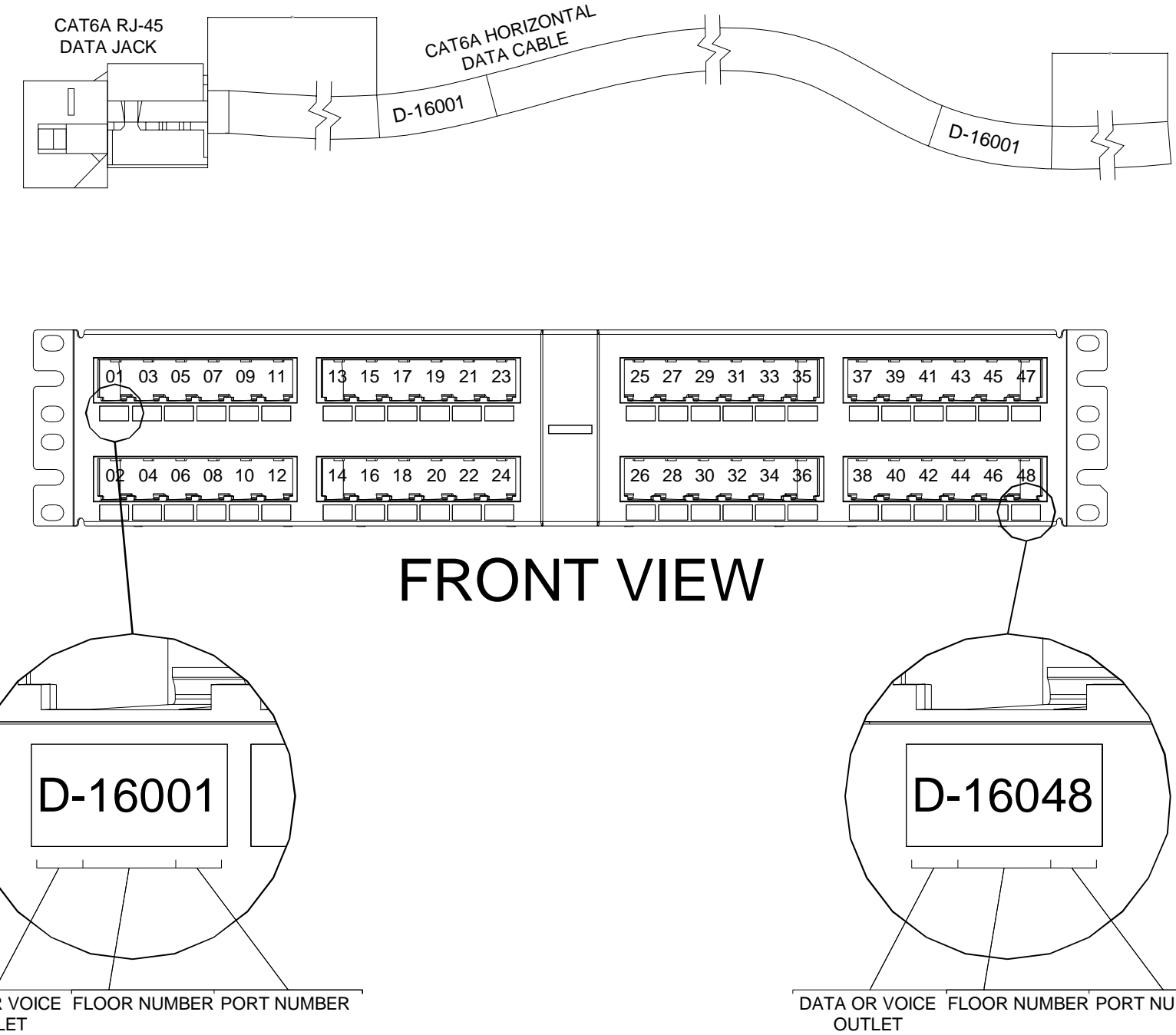
SYMBOL ON PLANS
WAP WAP

ITEM#	DESCRIPTION
1.	WAP C/W MOUNTING KIT - DEFAULT BRACKET AND CLIP (SUPPLIED BY CLIENT AND INSTALLED BY COMMS);
2.	HORIZONTAL DATA CABLE - SEE SPECIFICATION AND FLOOR PLAN FOR EXACT QUANTITY AND CATEGORY RATINGS (BY COMMS);
3.	THIRTY FEET (30') SLACK CABLE NEATLY COILED AND FASTENED TO UNDER-SLAB (BY COMMS);
4.	SQUARE TWO-GANG ELECTRICAL BACK BOX (BY ELEC);
5.	WHITE DUAL-PORT SHALLOW SURFACE MOUNT BOX - CONTRACTOR TO SECURE SURFACE MOUNT BOX TO THE J-HOOK TO PREVENT FROM HAVING IT DROP DOWN (BY COMMS);
6.	TEN FEET (10') PATCH CORD (BY COMMS);
7.	J-HOOK WITH RETAINING CLIP ATTACHED TO CEILING SLAB WITH DIRECT FASTENER. (BY COMMS);
8.	CEILING GRID SUPPORT SYSTEM (BY OTHERS);



- NOTES:
- COMMS CONTRACTOR TO PROVIDE 10 FEET SLACK NEATLY COILED AND FASTENED TO UNDER THE SLAB. INSIDE ACCESSIBLE CEILING CABLES TO BE INDEPENDENTLY SUPPORTED FROM CEILING WITH J-HOOKS (SUPPLIED AND INSTALLED BY COMMS);
 - COMMS CONTRACTOR SHALL INSTALL WAP WHICH SHALL BE SUPPLIED BY CLIENT. PROVIDE ALL NECESSARY HARDWARE TO MOUNT WAP'S. COORDINATE HEIGHT WITH CLIENT, GC AND OTHER TRADES;
 - THE COMMUNICATIONS CONTRACTOR SHALL:
 - RECEIVE WAP FROM CLIENT AND UNPACK WAP;
 - ATTACH WAP MOUNTING BRACKET AND MOUNT WAP;
 - EACH HORIZONTAL CABLE SHALL BE AFFIXED WITH TURN-TELL LABEL AT BOTH ENDS, 4" TO 6" MAX FROM THE CONNECTORS.

9
IT601
T-BAR CEILING WAP MOUNTING DETAIL
SCALE: N.T.S

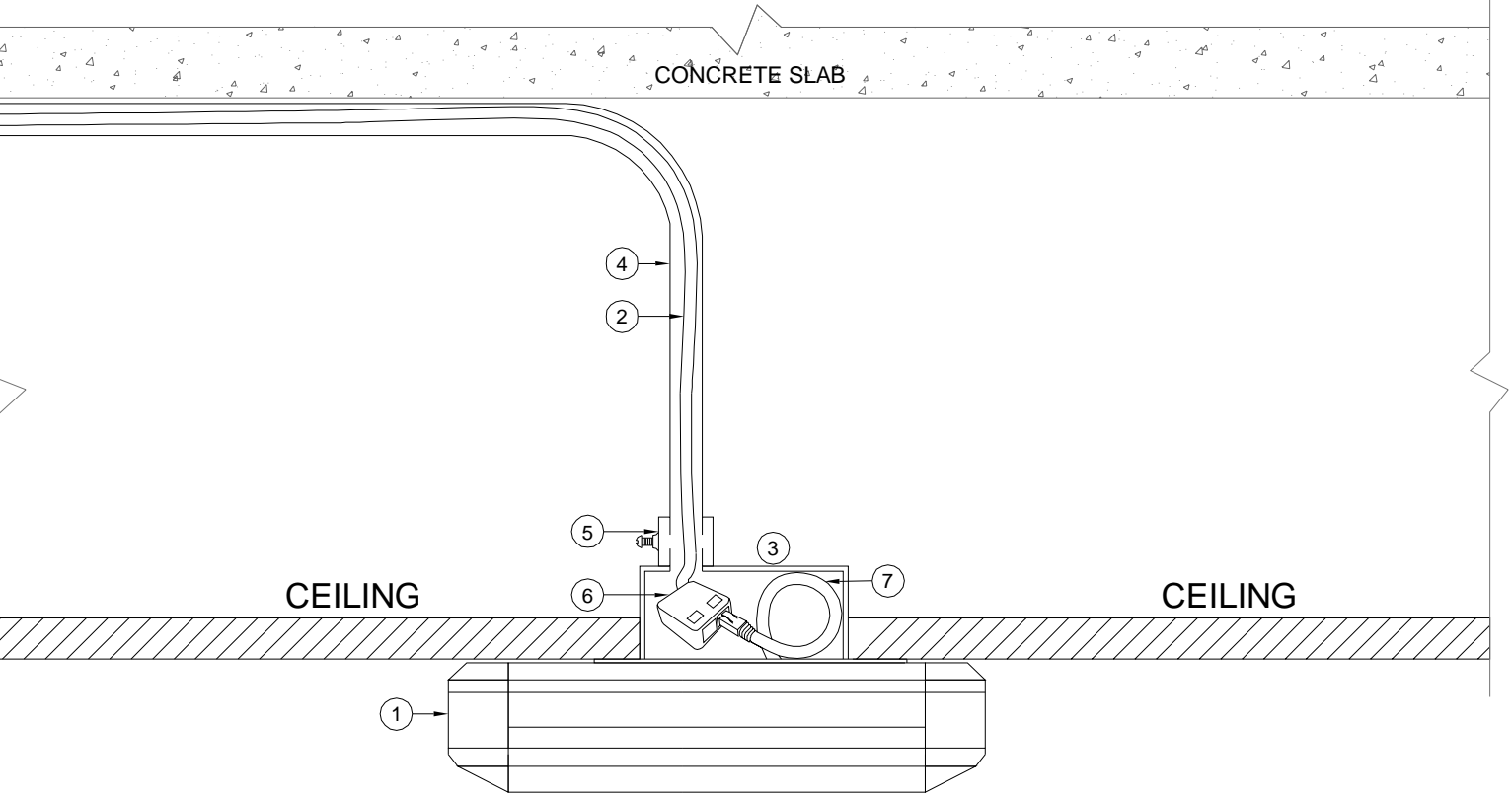


- NOTES:
- EACH HORIZONTAL CABLE SHALL BE AFFIXED WITH TURN-TELL LABEL AT BOTH ENDS, 4" TO 6" MAX FROM THE CONNECTORS. SEE PAGE IT-001.

8
IT601
PATCH PANEL PORTS AND CABLE LABELING
SCALE: N.T.S

SYMBOL ON PLANS
WAP WAP

ITEM#	DESCRIPTION
1.	WAP C/W MOUNTING KIT - DEFAULT BRACKET AND CLIP (SUPPLIED BY CLIENT AND INSTALLED BY COMMS);
2.	HORIZONTAL DATA CABLE - SEE SPECIFICATION AND FLOOR PLAN FOR EXACT QUANTITY AND CATEGORY RATINGS. PROVIDE CABLE SLACK AT THE CONDUIT EXIT INSIDE NEAREST T-BAR CEILING SPACE (BY COMMS);
3.	SQUARE TWO-GANG ELECTRICAL BACK BOX (BY ELEC);
4.	3/4" EMT CONDUIT TO THE NEAREST ACCESSIBLE CEILING C/W PULL STRING (BY ELEC);
5.	SET SCREW TYPE EMT CONNECTOR C/W LOCK-NUT (BY ELEC);
6.	WHITE DUAL-PORT SHALLOW SURFACE MOUNT BOX SIZED TO FIT ELECTRICAL BACK BOX (BY COMMS);
7.	5/8" (6) INCH PATCH CORD. COORDINATE PATCH CORD LENGTH AND ROUTING WITH BACK-BOX TYPE AND MOUNTING BRACKET (BY COMMS);

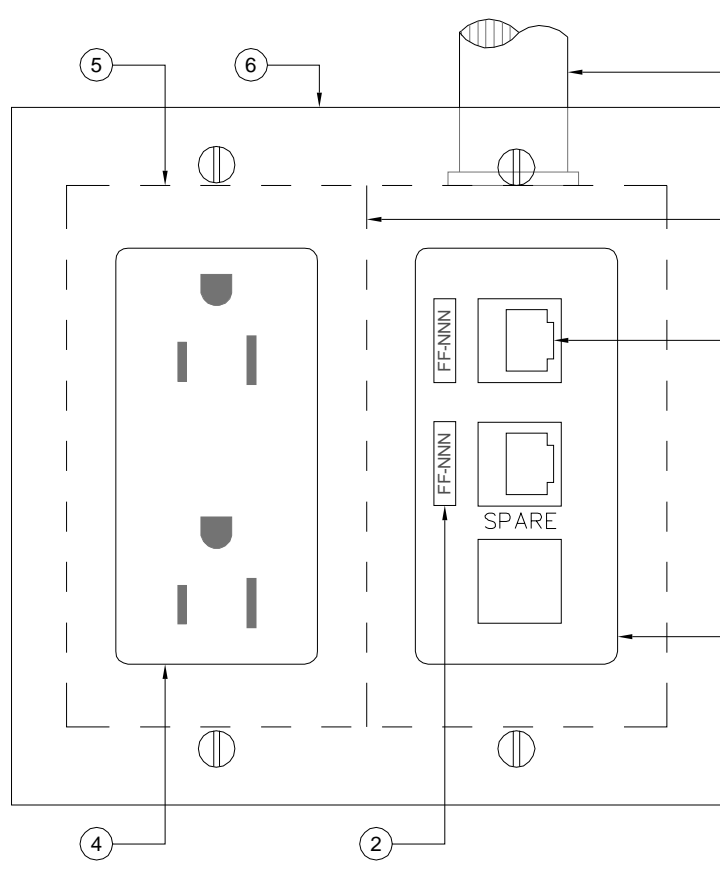


- NOTES:
- COMMS CONTRACTOR TO PROVIDE 10 FEET SLACK NEATLY COILED AND FASTENED TO UNDER THE SLAB. INSIDE ACCESSIBLE CEILING CABLES TO BE INDEPENDENTLY SUPPORTED FROM CEILING WITH J-HOOKS (SUPPLIED AND INSTALLED BY COMMS);
 - COMMS CONTRACTOR SHALL INSTALL WAP WHICH SHALL BE SUPPLIED BY CLIENT. PROVIDE ALL NECESSARY HARDWARE TO MOUNT WAP'S. COORDINATE HEIGHT WITH CLIENT, GC AND OTHER TRADES;
 - THE COMMUNICATIONS CONTRACTOR SHALL:
 - RECEIVE WAP FROM CLIENT AND UNPACK WAP;
 - ATTACH WAP MOUNTING BRACKET AND MOUNT WAP;
 - EACH HORIZONTAL CABLE SHALL BE AFFIXED WITH TURN-TELL LABEL AT BOTH ENDS, 4" TO 6" MAX FROM THE CONNECTORS.

7
IT601
HARD CEILING WAP MOUNTING DETAIL, C/W CONDUIT MOUNTING DETAIL
SCALE: N.T.S

SYMBOL ON PLANS
WAP WAP

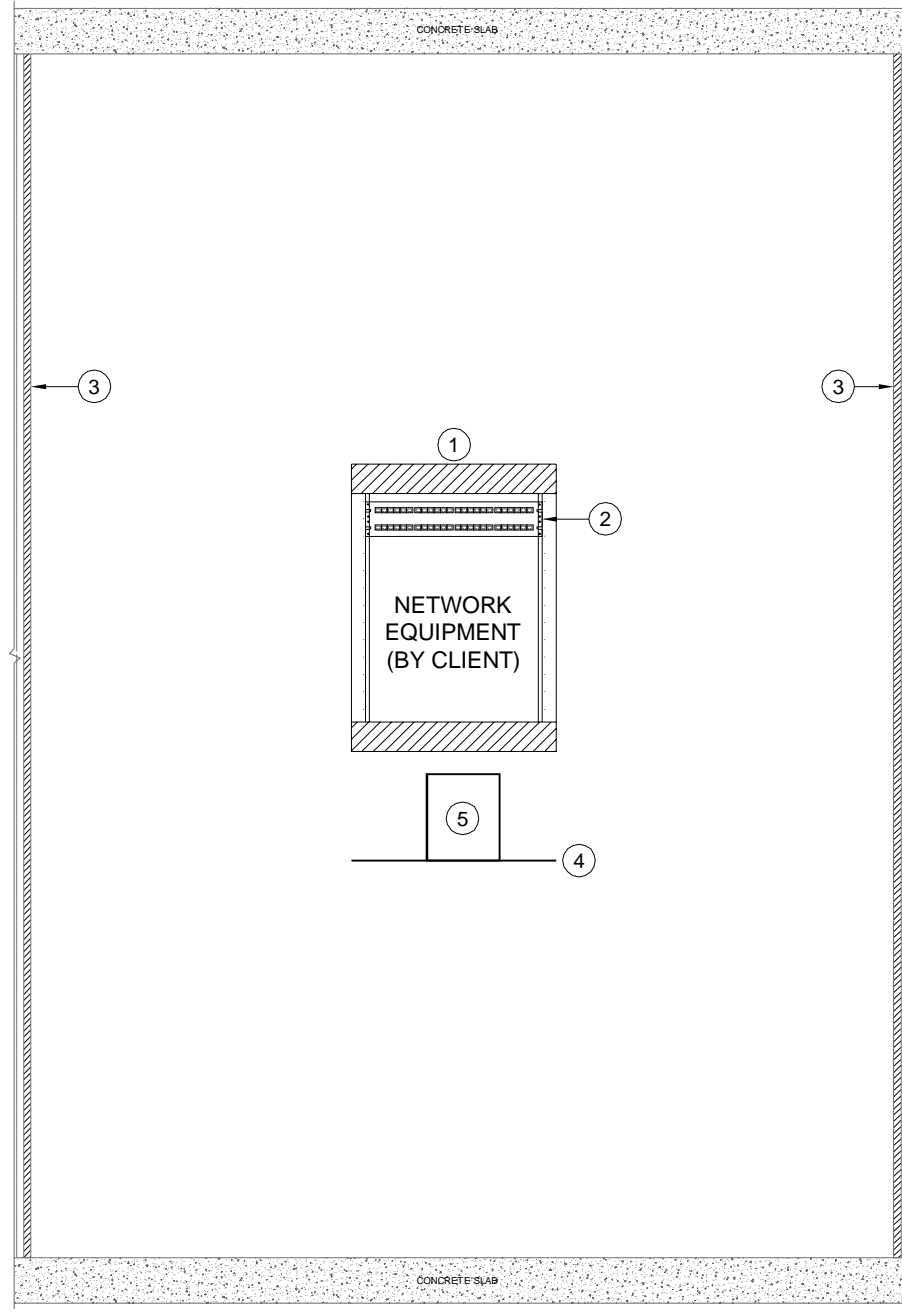
ITEM#	DESCRIPTION
1.	8-POSITION CAT 6 UTP MODULAR JACK (TYPICAL) (SUPPLIED AND INSTALLED BY COMMS);
2.	MECHANICALLY PRINTED OUTLET IDENTIFICATION LABELS (TYPICAL) (SUPPLIED AND INSTALLED BY COMMS);
3.	3-PORT DECORA STYLE RECESSED INSERT MOUNTING PLATE (SUPPLIED AND INSTALLED BY COMMS);
4.	DUPLEX RECEPTACLE (SUPPLIED AND INSTALLED BY ELECTRICAL);
5.	TWO GANG BACKBOX (SUPPLIED AND INSTALLED BY ELECTRICAL);
6.	TWO GANG COVER PLATE (SUPPLIED AND INSTALLED BY ELECTRICAL);
7.	CONDUIT UP TO ACCESSIBLE RAISED FLOOR OR CEILING SPACE (SUPPLIED AND INSTALLED BY ELECTRICAL);
8.	BARRIER;



- NOTES:
- PROVIDE BLANK FILERS AT SPARE JACK LOCATIONS AS REQUIRED;
 - THE COLOUR OF COMMUNICATIONS INSERT PLATE TO MATCH COLOUR USED FOR DUPLEX RECEPTABLES;
 - COLOUR OF COMMUNICATIONS JACKS AT STATION END TO BE BLUE FOR DATA;
 - PROVIDE FACEPLATES FOR ALL STANDALONE OUTLET BOXES;

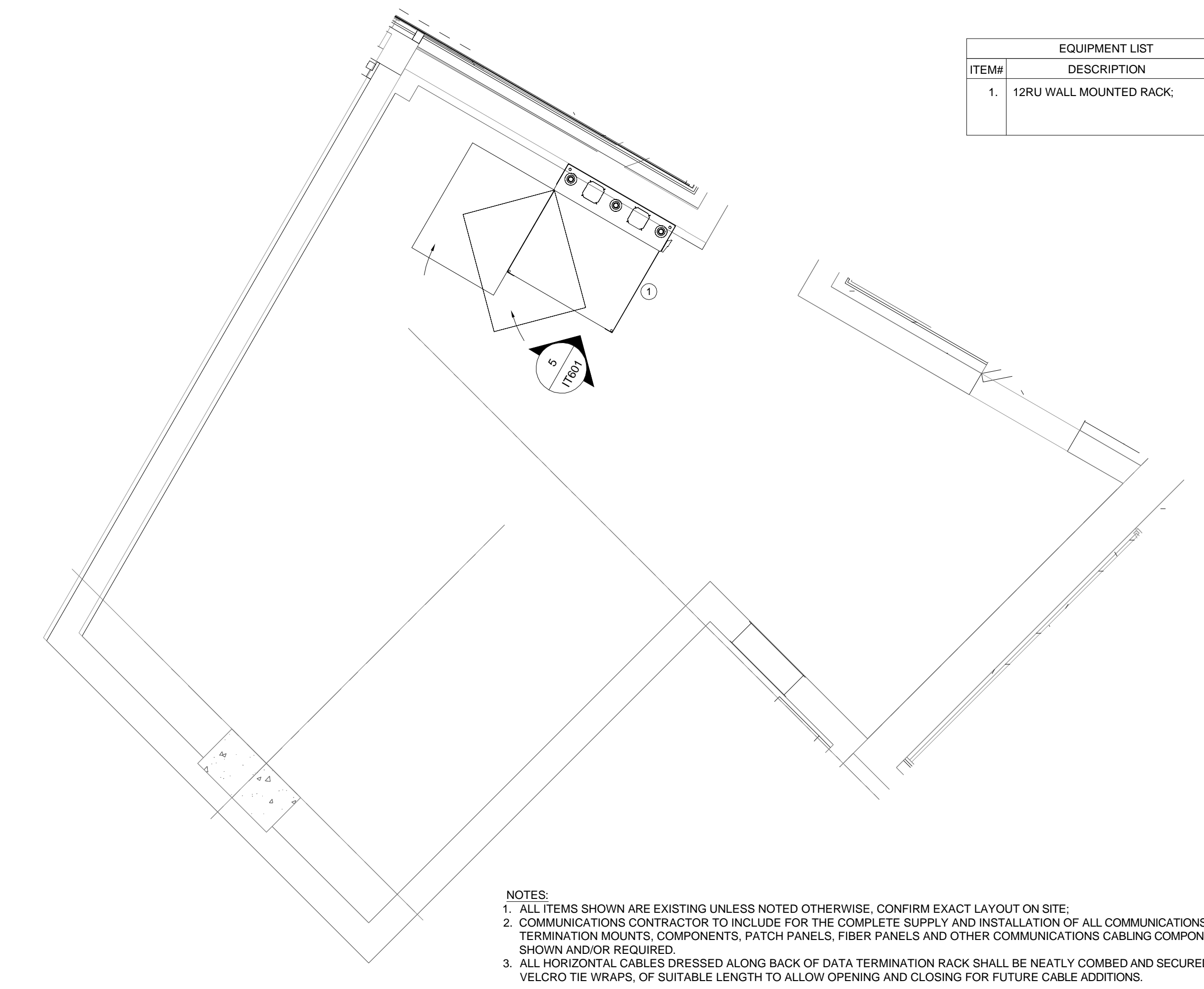
10
IT601
TYPICAL POWER/COMBINATION WALL OUTLET DETAIL
SCALE: N.T.S

ITEM#	DESCRIPTION
1.	12RU WALL MOUNTED RACK;
2.	NEW 2RU 48-PORT COPPER PATCH PANEL;
3.	PARTITION WALL (BY OTHERS);
4.	NEW SHELF FOR EXISTING UPS. COORDINATE LOCATION ON SITE (BY COMMS);
5.	UPS IN RELOCATED POSITION 5.9'W x 9.1'H x 17.5'D



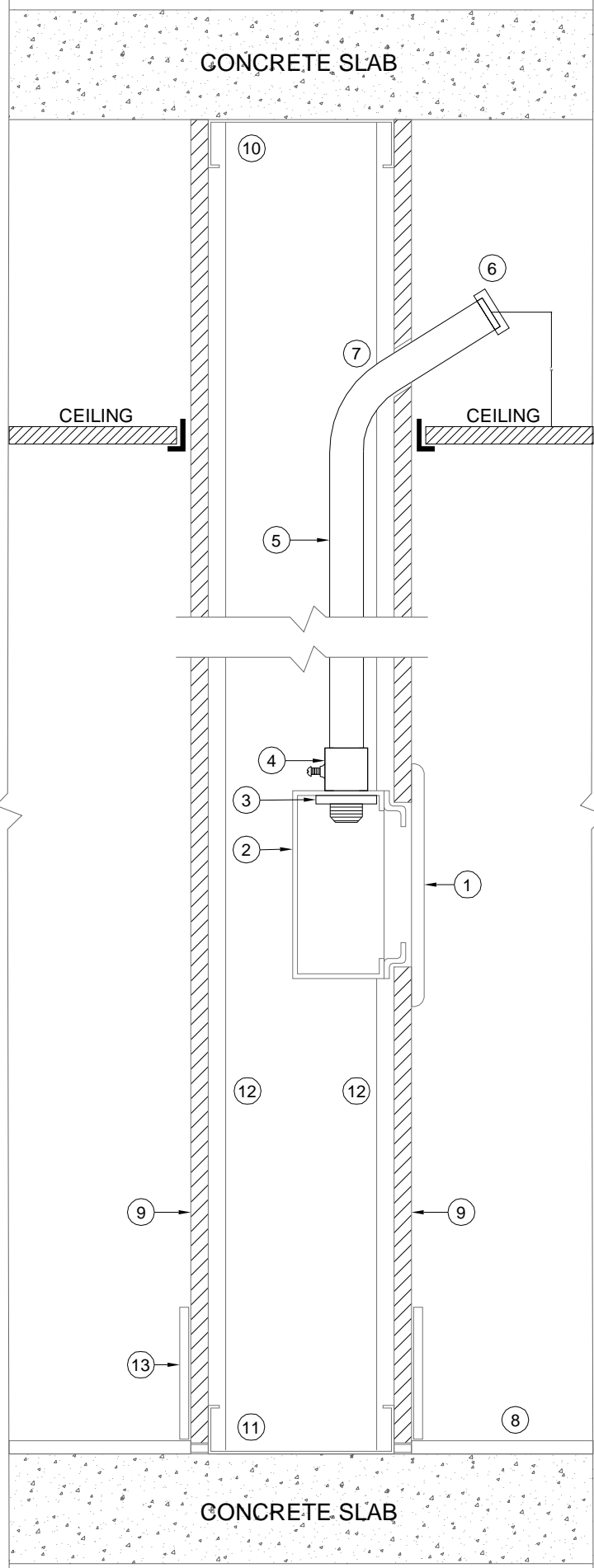
- NOTES:
- ALL ITEMS SHOWN ARE EXISTING UNLESS NOTED OTHERWISE. CONFIRM EXACT LAYOUT ON SITE;
 - CONTRACTOR TO DEMO ALL EXISTING PATCH PANELS, DATA TERMINATIONS WITH ITS ASSOCIATED DATA CABLING. GET APPROVAL FROM CLIENT PRIOR TO DEMO BEFORE PROCEEDING. FIBER BACK BONE TO REMAIN;
 - FOR NEW INSTALLATION, COMMUNICATIONS CONTRACTOR TO INCLUDE FOR THE COMPLETE SUPPLY AND INSTALLATION OF ALL COMMUNICATIONS TERMINATION MOUNTS, COMPONENTS, PATCH PANELS, FIBER PANELS AND OTHER COMMUNICATIONS CABLING COMPONENTS AS SHOWN AND/OR REQUIRED;
 - ALL HORIZONTAL CABLES DRESSED ALONG BACK OF DATA TERMINATION RACK SHALL BE NEATLY COMBED AND SECURED WITH VELCRO THE WRAPS, OF SUITABLE LENGTH TO ALLOW OPENING AND CLOSING FOR FUTURE CABLE ADDITIONS;
 - LINK FOR EXISTING UPS: <https://www.eaton.com/us/en-us/sku/Page.SP1500.html>

10
IT601
LEVEL 3 WEST RACK ELEVATION
SCALE: N.T.S



04
IT601
LEVEL 3 WEST LAN ROOM LAYOUT
SCALE: N.T.S

SYMBOL ON PLANS
WAP WAP

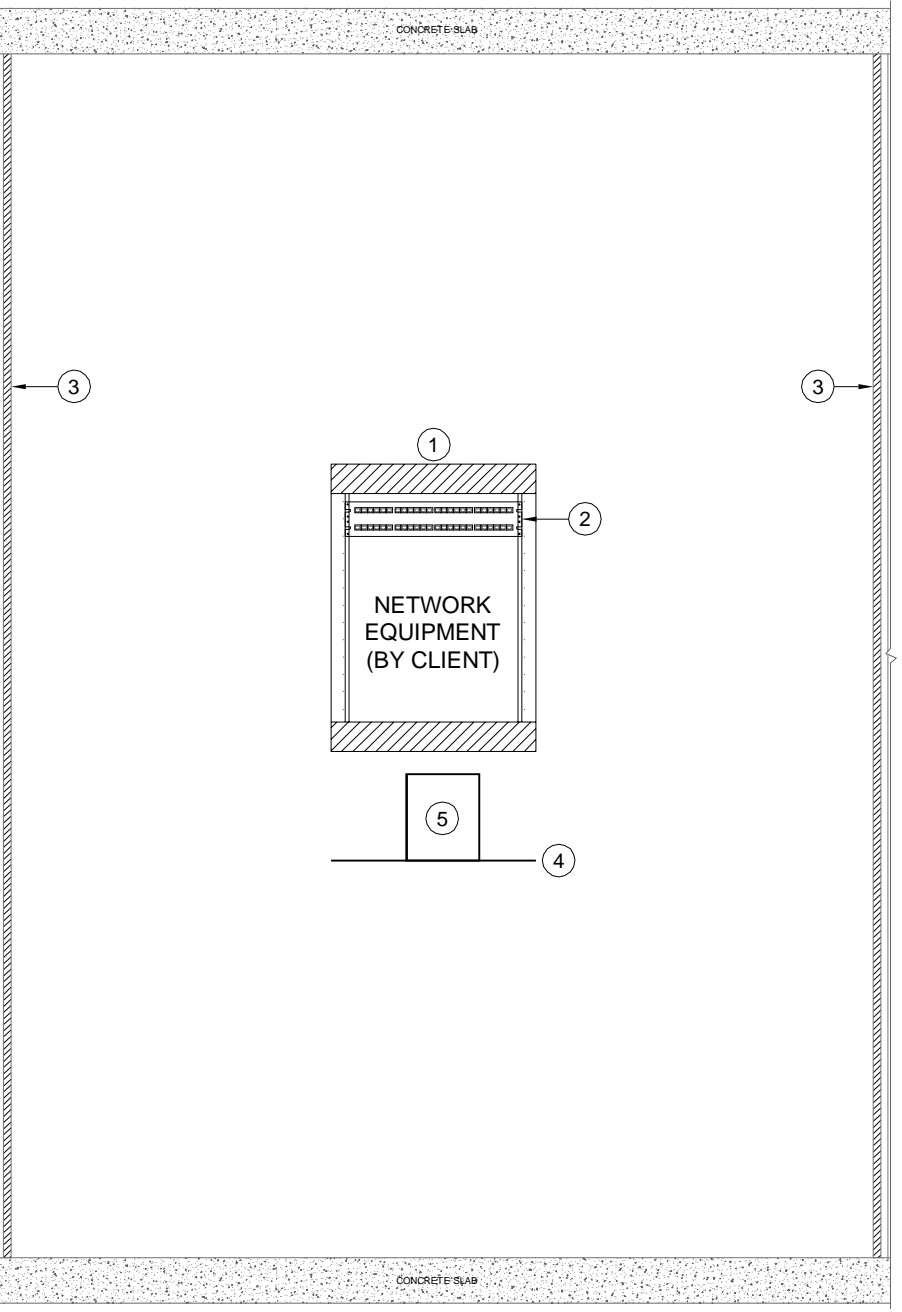


10
IT601
TYPICAL SECTION OF WALL DATA OUTLET
SCALE: N.T.S

ITEM#	DESCRIPTION
1.	WALL MOUNTED DATA/VOICE OUTLET C/W WALL MODULAR JACK INSERT PLATES, TERMINATION HARDWARE AND LABELING IF APPLICABLE FOR FURNITURE OUTLETS. CABLES TO CONTINUE THROUGH FACEPLATE TO FLEX CONNECTION, TO FURNITURE ENTRY, THROUGH FURNITURES RACEWAY TO OUTLET LOCATION (BY COMMS);
2.	ELECTRICAL BACK BOX C/W MUD RING (BY ELEC);
3.	LOCK NUT (BY ELEC);
4.	SET SCREW TYPE EMT CONNECTOR (BY ELEC);
5.	STUB-OUT EMT CONDUIT ABOVE SUSPENDED CEILING C/W PULL STRING (BY ELEC);
6.	INSULATION BUSHING (BY ELEC);
7.	HOLE INTO ACCESSIBLE CEILING SPACE. SEAL AROUND WALL PENETRATION TO ENSURE APPROPRIATE AIR TIGHTNESS (BY ELEC);
8.	FINISHED FLOOR;
9.	PARTITION WALL (BY OTHERS);
10.	METAL TOP RUNNER TRACK (BY OTHERS);
11.	METAL BOTTOM RUNNER TRACK (BY OTHERS);
12.	METAL VERTICAL STUDS (BY OTHERS);
13.	WALL BASE (BY OTHERS);

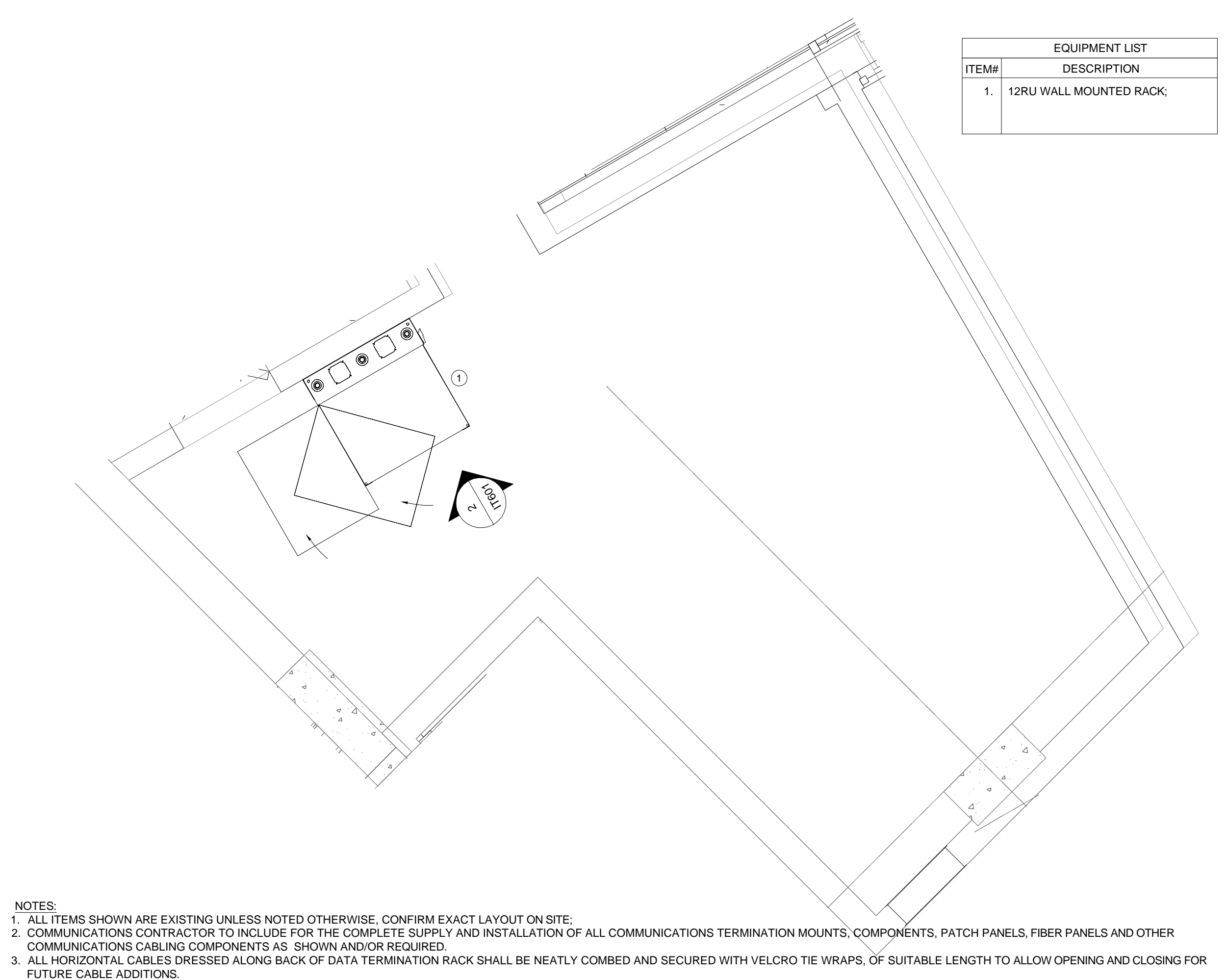
- NOTES:
- COORDINATE COMMUNICATIONS CONDUIT REQUIREMENTS AND ROUTING WITH ELECTRICAL CONTRACTOR;
 - HORIZONTAL DATA AND VOICE CABLES ARE TO BE ROUTED TO THE LAN ROOM FOR TERMINATION;
 - FOR MOUNTING HEIGHT REFER TO INTERIOR DESIGNER'S DRAWINGS;
 - PROVIDE FACEPLATES FOR ALL STANDALONE OUTLET BOXES;

ITEM#	DESCRIPTION
1.	12RU WALL MOUNTED RACK;
2.	NEW 2RU 48-PORT COPPER PATCH PANEL;
3.	PARTITION WALL (BY OTHERS);
4.	NEW SHELF FOR EXISTING UPS. COORDINATE LOCATION ON SITE (BY COMMS);
5.	UPS IN RELOCATED POSITION 5.9'W x 9.1'H x 17.5'D



- NOTES:
- ALL ITEMS SHOWN ARE EXISTING UNLESS NOTED OTHERWISE. CONFIRM EXACT LAYOUT ON SITE;
 - CONTRACTOR TO DEMO ALL EXISTING PATCH PANELS, DATA TERMINATIONS WITH ITS ASSOCIATED DATA CABLING. GET APPROVAL FROM CLIENT PRIOR TO DEMO BEFORE PROCEEDING. FIBER BACK BONE TO REMAIN;
 - FOR NEW INSTALLATION, COMMUNICATIONS CONTRACTOR TO INCLUDE FOR THE COMPLETE SUPPLY AND INSTALLATION OF ALL COMMUNICATIONS TERMINATION MOUNTS, COMPONENTS, PATCH PANELS, FIBER PANELS AND OTHER COMMUNICATIONS CABLING COMPONENTS AS SHOWN AND/OR REQUIRED;
 - ALL HORIZONTAL CABLES DRESSED ALONG BACK OF DATA TERMINATION RACK SHALL BE NEATLY COMBED AND SECURED WITH VELCRO THE WRAPS, OF SUITABLE LENGTH TO ALLOW OPENING AND CLOSING FOR FUTURE CABLE ADDITIONS;
 - LINK FOR EXISTING UPS: <https://www.eaton.com/us/en-us/sku/Page.SP1500.html>

10
IT601
LEVEL 3 NORTH RACK ELEVATION
SCALE: N.T.S



01
IT601
LEVEL 3 NORTH LAN ROOM LAYOUT
SCALE: N.T.S

Waypoint Centre for Mental Health Care

Additional Acute Mental Health Inpatient Beds Project

TOANCHE - LEVEL 03

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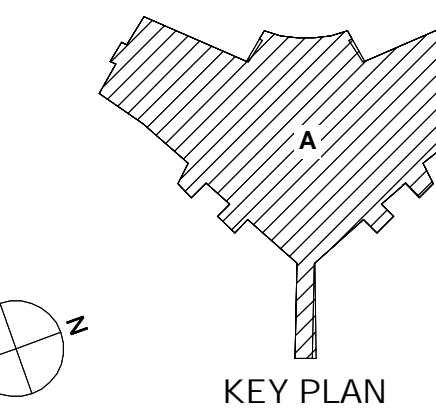
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ISSUED FOR TENDER
18 DEC 2023

Ministry of Health Project Number# 205004

6	ISSUED FOR TENDER	12/18/2023
5	ISSUED FOR STAGE 4 SUBMISSION	11/23/2022
4	ISSUED FOR QA/QC 95% CDs	11/01/2022
3	ISSUED FOR REVIEW	10/20/2022
2	LEVEL 03 RENOVATIONS - STAGE 3 SUBMISSION	06/30/2021
1	ISSUED FOR REVIEW	06/15/2021

Rev. Description Date



Drawing Title:

IT/COMMUNICATIONS LAN ROOM LAYOUT AND DETAILS

Project No.: 210029 Checked by: AS

IT-601