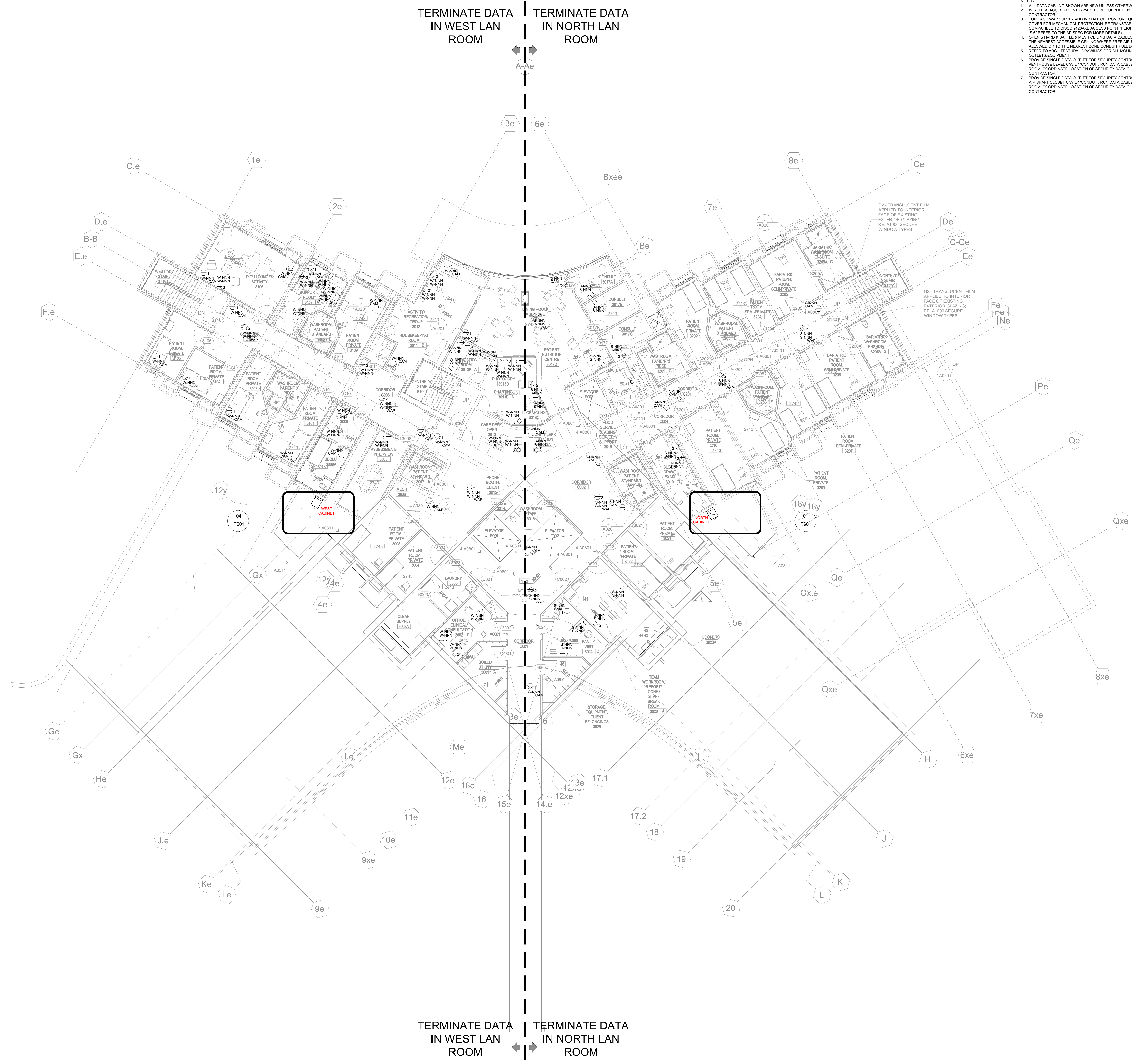
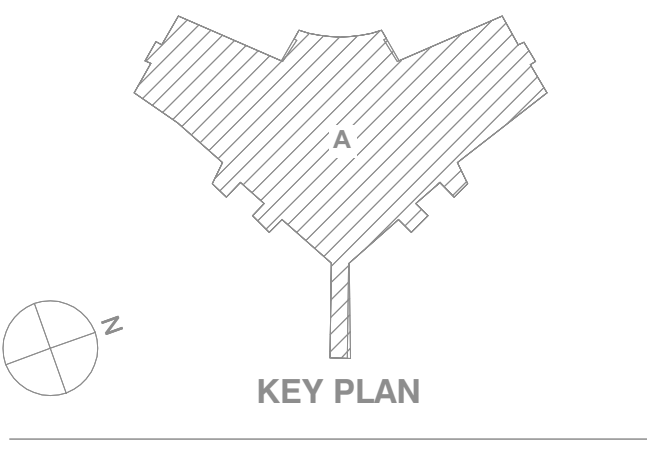


7	ISSUED FOR CONSTRUCTION	06/27/2024
6	ISSUED FOR TENDER	12/18/2023
5	ISSUED FOR STAGE 4 SUBMISSION	11/23/2022
4	ISSUED FOR QA/QC 95% CDs	11/01/2022
3	ISSUED FOR REVIEW	10/20/2022
2	LEVEL 03 RENOVATIONS - STAGE 3 SUBMISSION	06/30/2021
1	ISSUED FOR REVIEW	06/15/2021

Rev. Description Date



- NOTES
1. ALL DATA CABLING SHOWN ARE NEW UNLESS OTHERWISE NOTED.
 2. WIRELESS ACCESS POINTS (WAP) TO BE SUPPLIED BY CLIENT AND INSTALLED BY CONTRACTOR.
 3. FOR EACH WAP SUPPLY AND INSTALL OBERON (OR EQUAL) RF TRANSPARENT COVER FOR MECHANICAL PROTECTION. RF TRANSPARENT COVER TO BE COMPATIBLE TO CISCO 9120AVE ACCESS POINT (HEIGHT OF AP WITH ANTENNAS IS 8" REFER TO THE AP SPEC FOR MORE DETAILS).
 4. OPEN & HARD & BAFFLE & MESH CEILING DATA CABLES TO RUN IN CONDUIT TO THE NEAREST ACCESSIBLE CEILING WHERE FREE AIR RUN ON J-hooks IS ALLOWED OR TO THE NEAREST ZONE CONDUIT PULL BOX.
 5. REFER TO ARCHITECTURAL DRAWINGS FOR ALL MOUNTING HEIGHTS FOR OUTLET/EQUIPMENT.
 6. PROVIDE SINGLE DATA OUTLET FOR SECURITY CONTROL PANEL AT EMR PENTHOUSE LEVEL C/W 3/4" CONDUIT. RUN DATA CABLE TO THE NEAREST LAN ROOM. COORDINATE LOCATION OF SECURITY DATA OUTLET WITH SECURITY CONTRACTOR.
 7. PROVIDE SINGLE DATA OUTLET FOR SECURITY CONTROL PANEL AT 6TH FLOOR AIR SHUTT CLOSET C/W 3/4" CONDUIT. RUN DATA CABLE TO THE NEAREST LAN ROOM. COORDINATE LOCATION OF SECURITY DATA OUTLET WITH SECURITY CONTRACTOR.

TERMINATE DATA
IN WEST LAN
ROOM

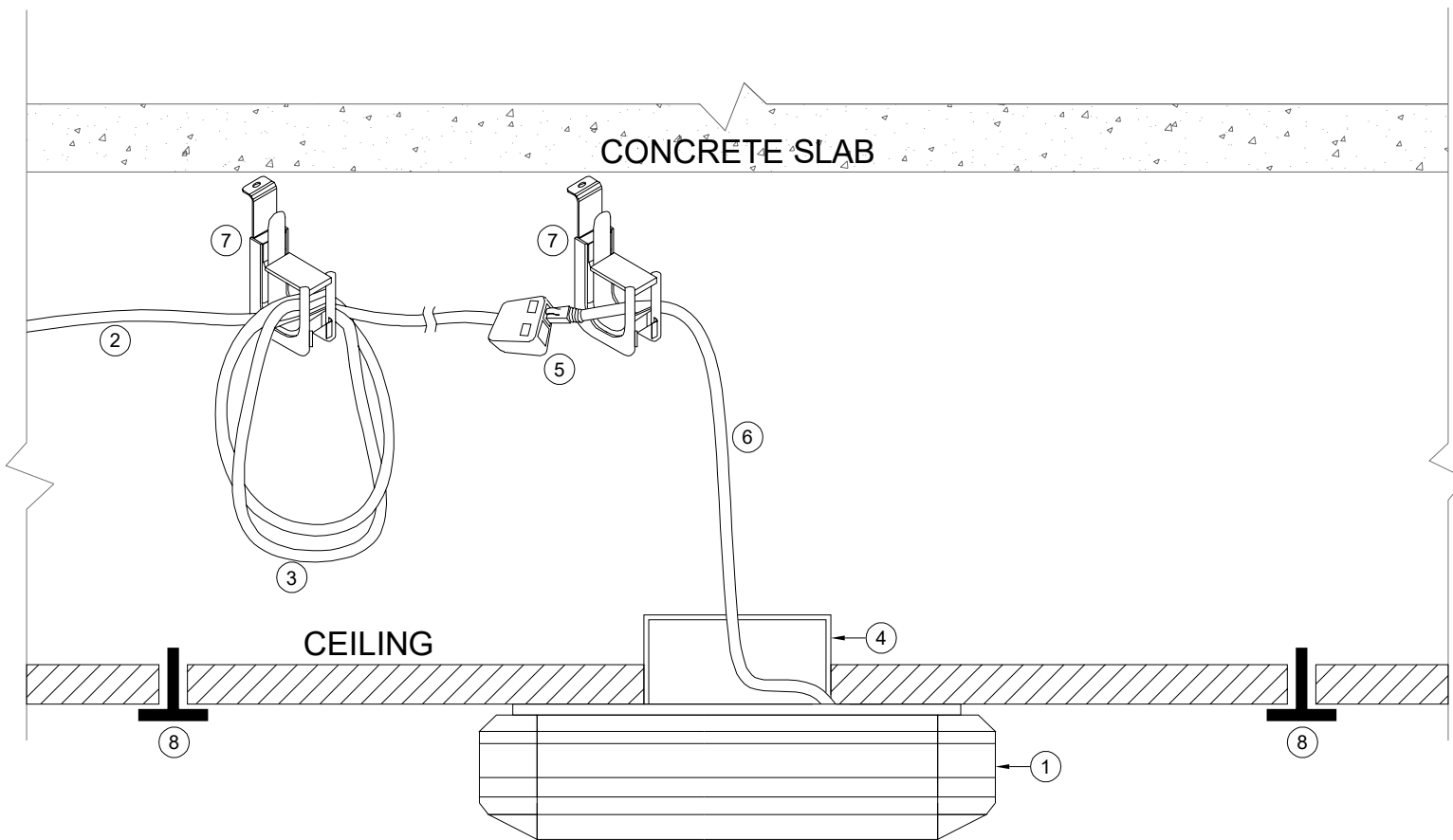
TERMINATE DATA
IN NORTH LAN
ROOM

TERMINATE DATA
IN WEST LAN
ROOM

TERMINATE DATA
IN NORTH LAN
ROOM

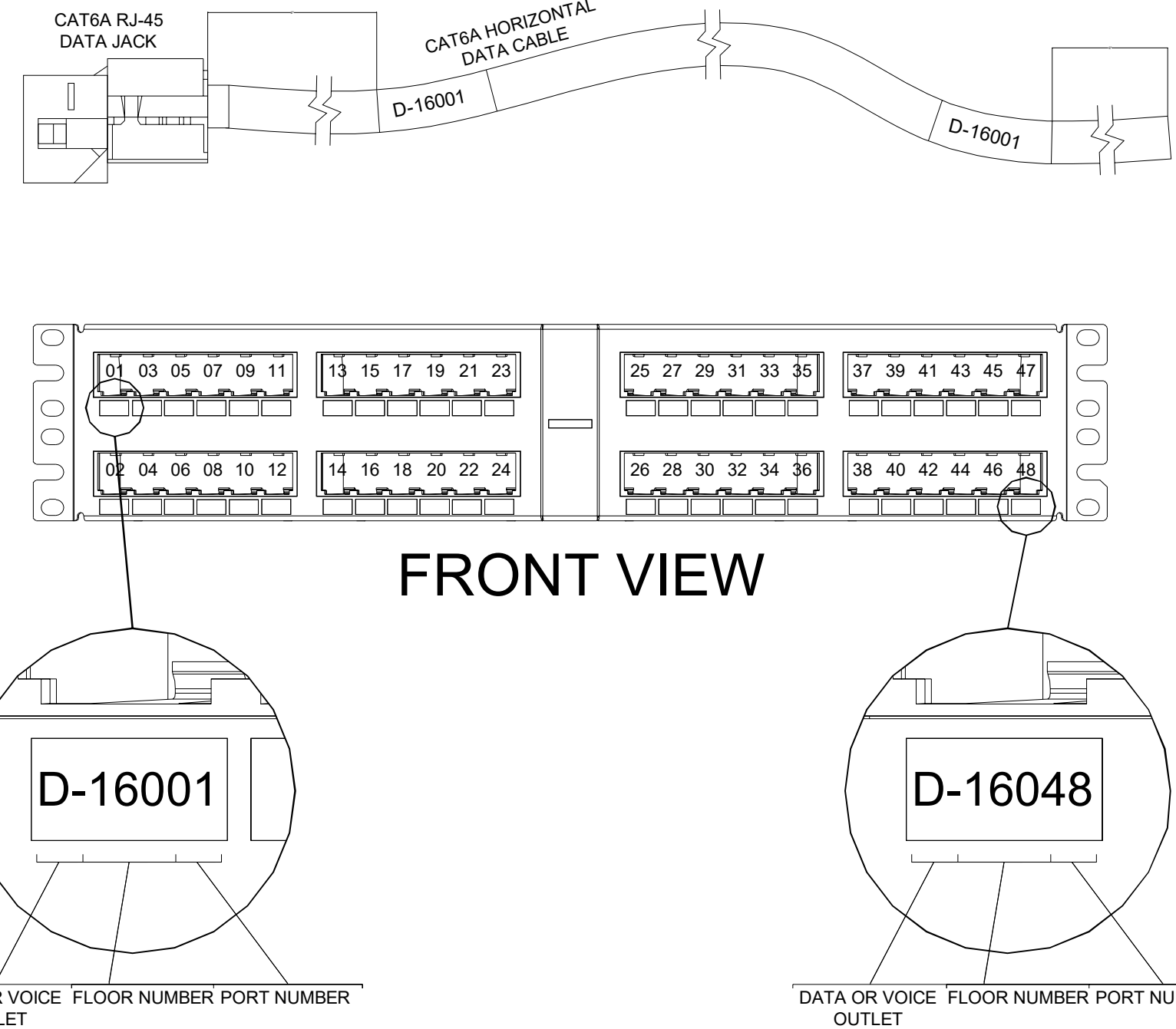
SYMBOL ON PLANS
WAP WAP

ITEM#	DESCRIPTION
1.	WAP CW 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.	TWENTY FEET (20') 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:
1. 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);
 2. 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.
 3. THE COMMUNICATIONS CONTRACTOR SHALL:
 - 3.1 RECEIVE WAP FROM CLIENT AND UNPACK WAP.
 - 3.2 ATTACH WAP MOUNTING BRACKET AND MOUNT WAP.
 4. EACH HORIZONTAL CABLE SHALL BE AFFIXED WITH TURN-TELL LABEL AT BOTH ENDS, 4" TO 6" MAX FROM THE CONNECTORS.

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

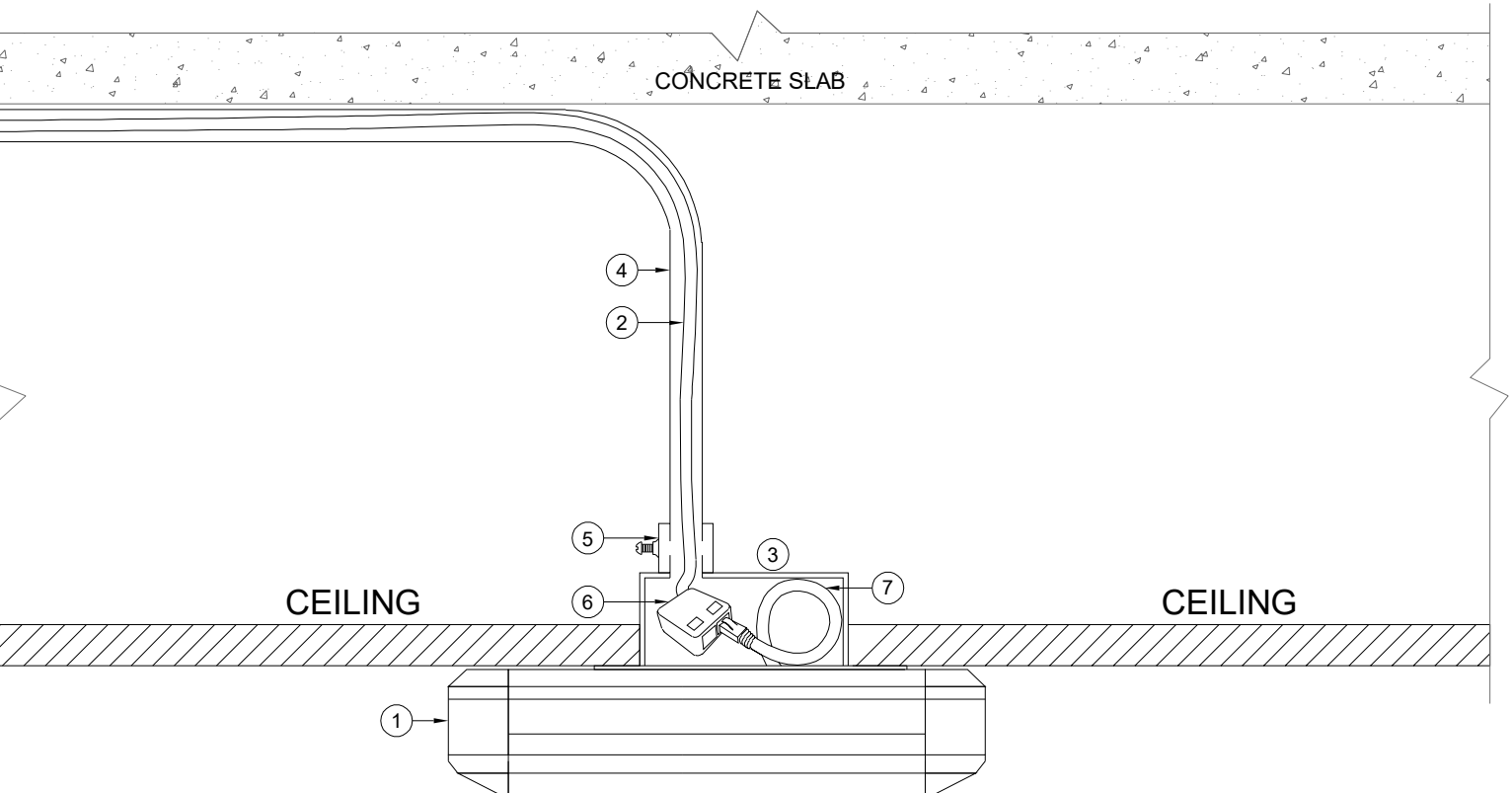


- NOTES:
1. EACH HORIZONTAL CABLE SHALL BE AFFIXED WITH TURN-TELL LABEL AT BOTH ENDS, 4" TO 6" MAX FROM THE CONNECTORS. SEE PAGE IT-001.

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

SYMBOL ON PLANS
WAP WAP

ITEM#	DESCRIPTION
1.	WAP CW 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 CW PULL STRING (BY ELEC);
5.	SET SCREW TYPE EMT CONNECTOR CW LOOK-OUT (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);

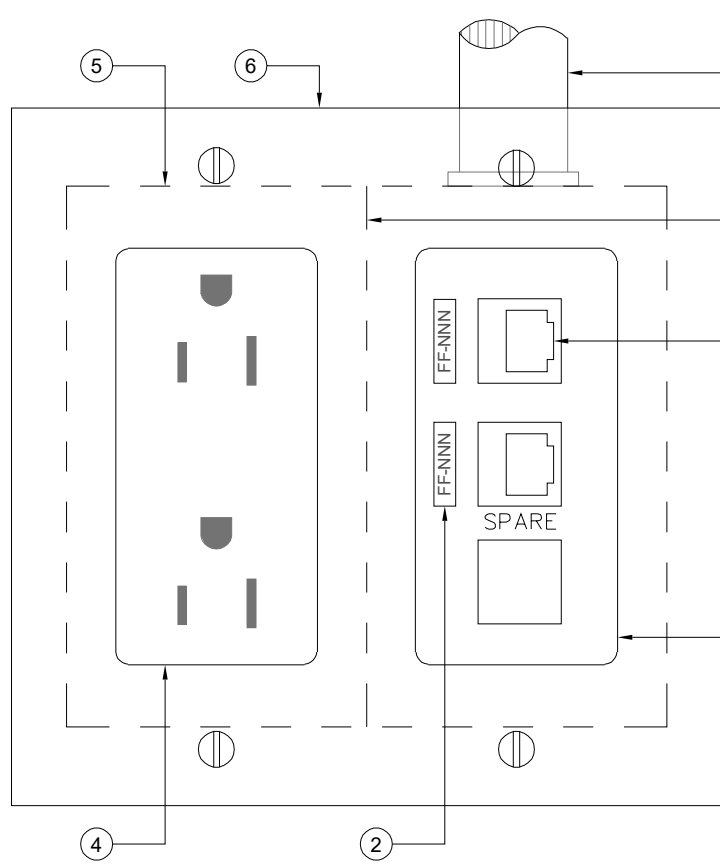


- NOTES:
1. COMMS CONTRACTOR TO PROVIDE 10 FEET SLACK NEATLY COILED AND FASTENED TO UNDER THE SLAB. INSIDE ACCESSIBLE CEILING CABLES TO BE INDEPENDENTLY SUPPORTED FROM CEILING WITH J-HOOKS (SUPPLIED AND INSTALLED BY COMMS);
 2. COMMS CONTRACTOR SHALL INSTALL WAP WHICH SHALL BE SUPPLIED BY CLIENT. PROVIDE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

7
HARD CEILING WAP MOUNTING DETAIL, CW CONDUIT MOUNTING DETAIL
SCALE: N.T.S.

SYMBOL ON PLANS
WAP WAP

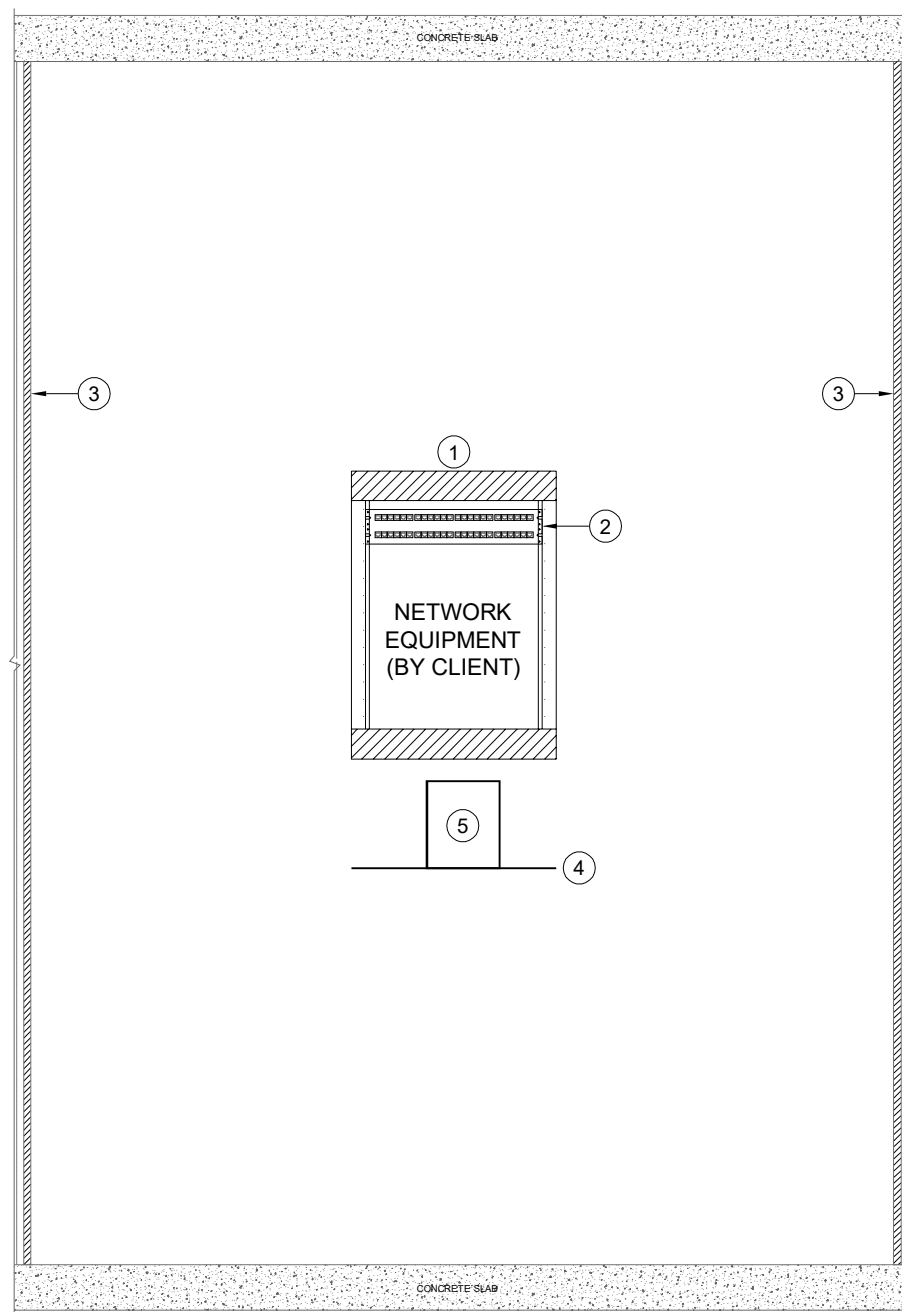
ITEM#	DESCRIPTION
1.	8-POSITION CAT 6 UTP MODULAR JACK (TYPICAL) (SUPPLIED AND INSTALLED BY COMMS);
2.	MECHANICALLY PRINTED OUTLET IDENTIFICATION LABELS (TYPICAL) (SUPPLIED AND INSTALLED BY COMMS);
3.	3-PORT DECORA STYLE RECESSED INSERT MOUNTING PLATE (SUPPLIED AND INSTALLED BY COMMS);
4.	OUTLET RECEPTACLE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



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

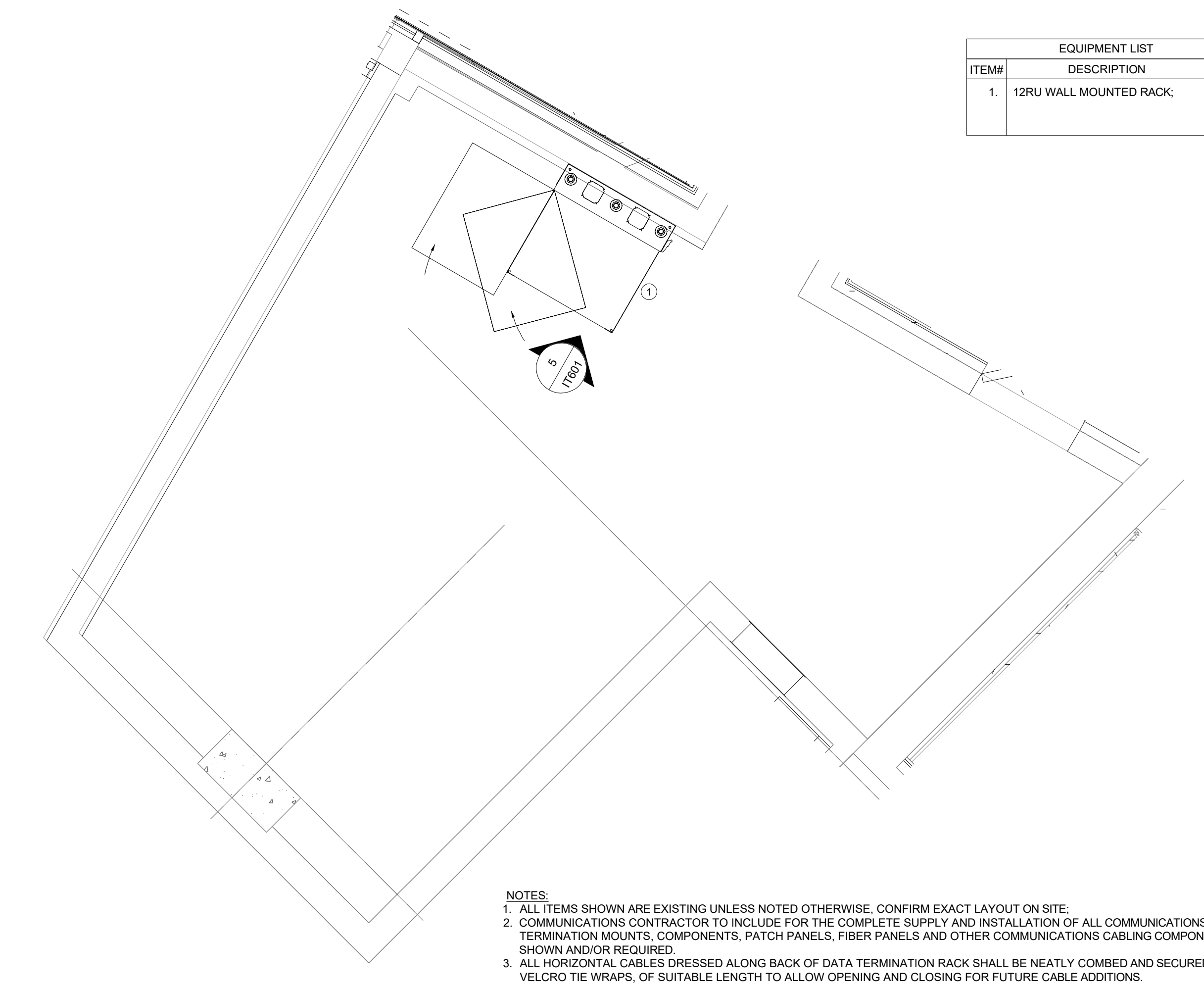
06
TYPICAL POWER/COMBINATION WALL OUTLET DETAIL
SCALE: N.T.S.

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:
1. ALL ITEMS SHOWN ARE EXISTING UNLESS NOTED OTHERWISE. CONFIRM EXACT LAYOUT ON SITE;
 2. 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.
 3. 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.
 4. 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.
 5. LINK FOR EXISTING UPS: <https://www Eaton.com/us/en-us/sku/Page.SP1500.html>

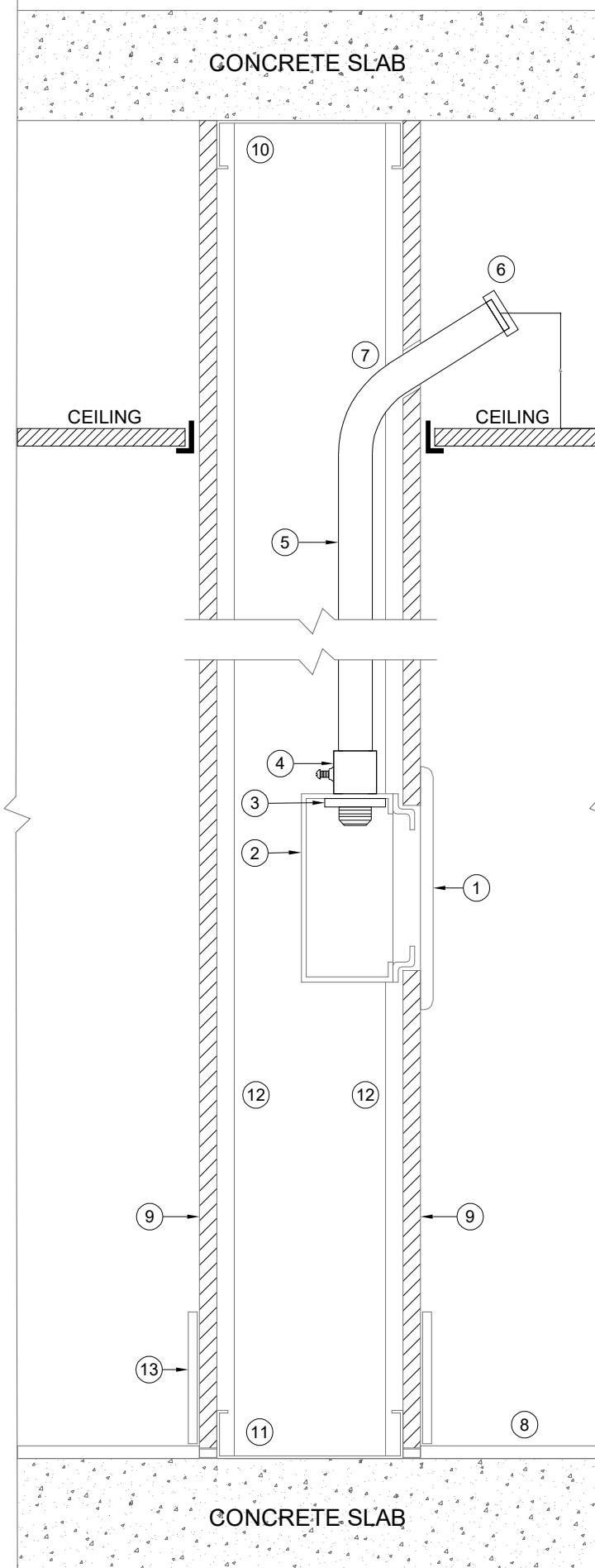
05
LEVEL 3 WEST RACK ELEVATION
SCALE: N.T.S.



- NOTES:
1. ALL ITEMS SHOWN ARE EXISTING UNLESS NOTED OTHERWISE. CONFIRM EXACT LAYOUT ON SITE;
 2. 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.
 3. 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.

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

SYMBOL ON PLANS
WAP WAP

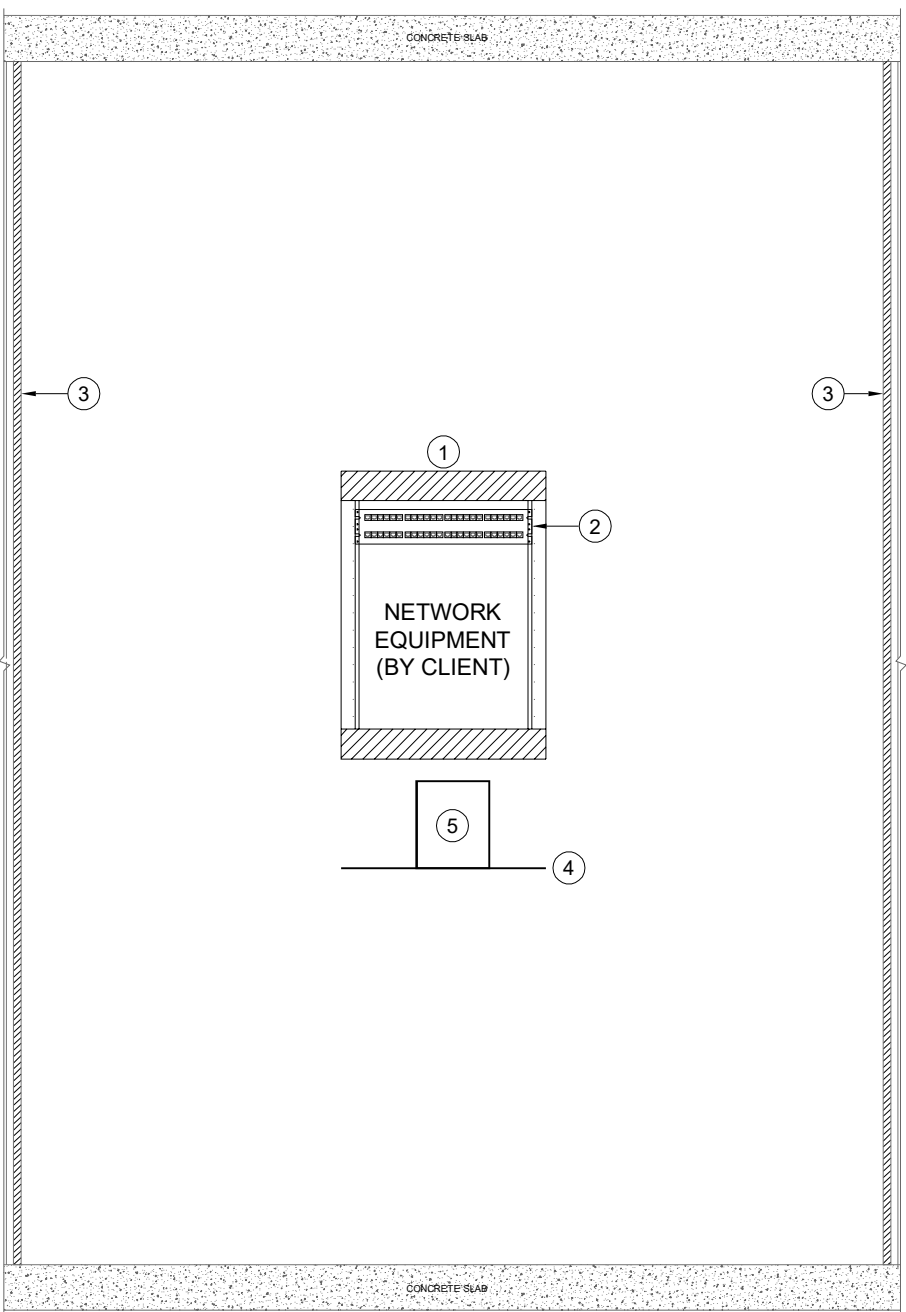


ITEM#	DESCRIPTION
1.	WALL MOUNTED DATA/VOICE OUTLET CW WALL MODULAR JACK INSERT PLATES, TERMINATION HARDWARE, AND LABELING IF APPLICABLE FOR FURNITURE OUTLETS. CABLES TO CONTINUE THROUGH FACEPLATE TO FLEX CONNECTION, TO FURNITURE ENTRY, THROUGH FURNITURES RACEWAY TO OUTLET LOCATION (BY COMMS);
2.	ELECTRICAL BACK BOX CW 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 CW 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:
1. COORDINATE COMMUNICATIONS CONDUIT REQUIREMENTS AND ROUTING WITH ELECTRICAL CONTRACTOR.
 2. HORIZONTAL DATA AND VOICE CABLES ARE TO BE ROUTED TO THE LAN ROOM FOR TERMINATION.
 3. FOR MOUNTING HEIGHT REFER TO INTERIOR DESIGNER'S DRAWINGS.
 4. PROVIDE FACEPLATES FOR ALL STANDALONE OUTLET BOXES.

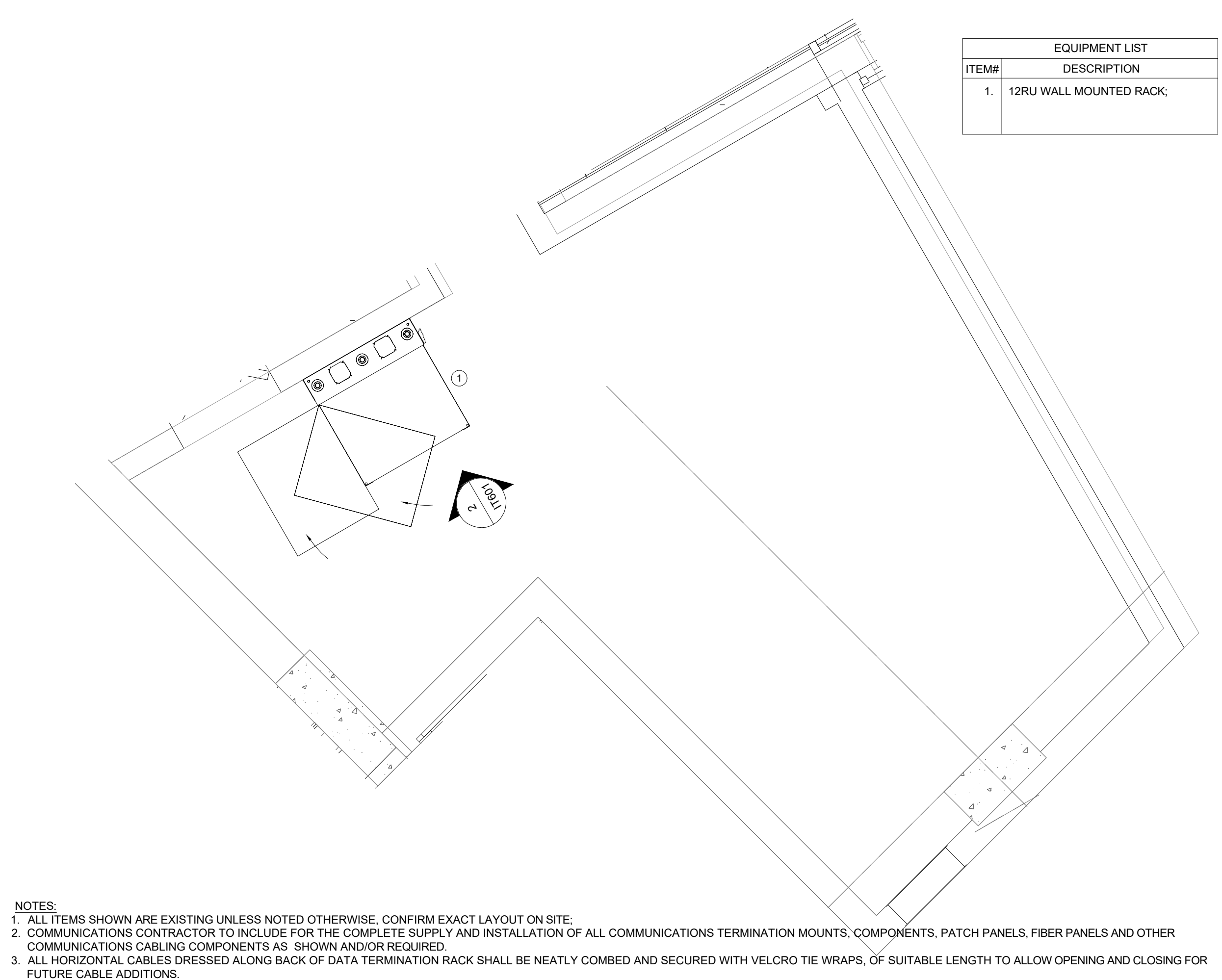
03
TYPICAL SECTION OF WALL DATA OUTLET
SCALE: N.T.S.

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:
1. ALL ITEMS SHOWN ARE EXISTING UNLESS NOTED OTHERWISE. CONFIRM EXACT LAYOUT ON SITE;
 2. 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.
 3. 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.
 4. 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.
 5. LINK FOR EXISTING UPS: <https://www Eaton.com/us/en-us/sku/Page.SP1500.html>

02
LEVEL 3 NORTH RACK ELEVATION
SCALE: N.T.S.



- NOTES:
1. ALL ITEMS SHOWN ARE EXISTING UNLESS NOTED OTHERWISE. CONFIRM EXACT LAYOUT ON SITE;
 2. 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.
 3. 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.

01
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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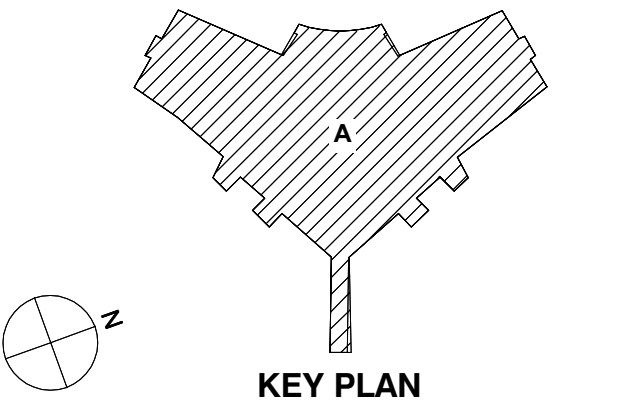


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ISSUED FOR CONSTRUCTION
27 JUNE 2024

7	ISSUED FOR CONSTRUCTION	06/27/2024
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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

08 NOT IN USE
IT602 SCALE: N.T.S

07 NOT IN USE
IT602 SCALE: N.T.S

SYMBOL ON PLANS
WAP WAP

06 NOT IN USE
IT602 SCALE: N.T.S

05 NOT IN USE
IT602 SCALE: N.T.S

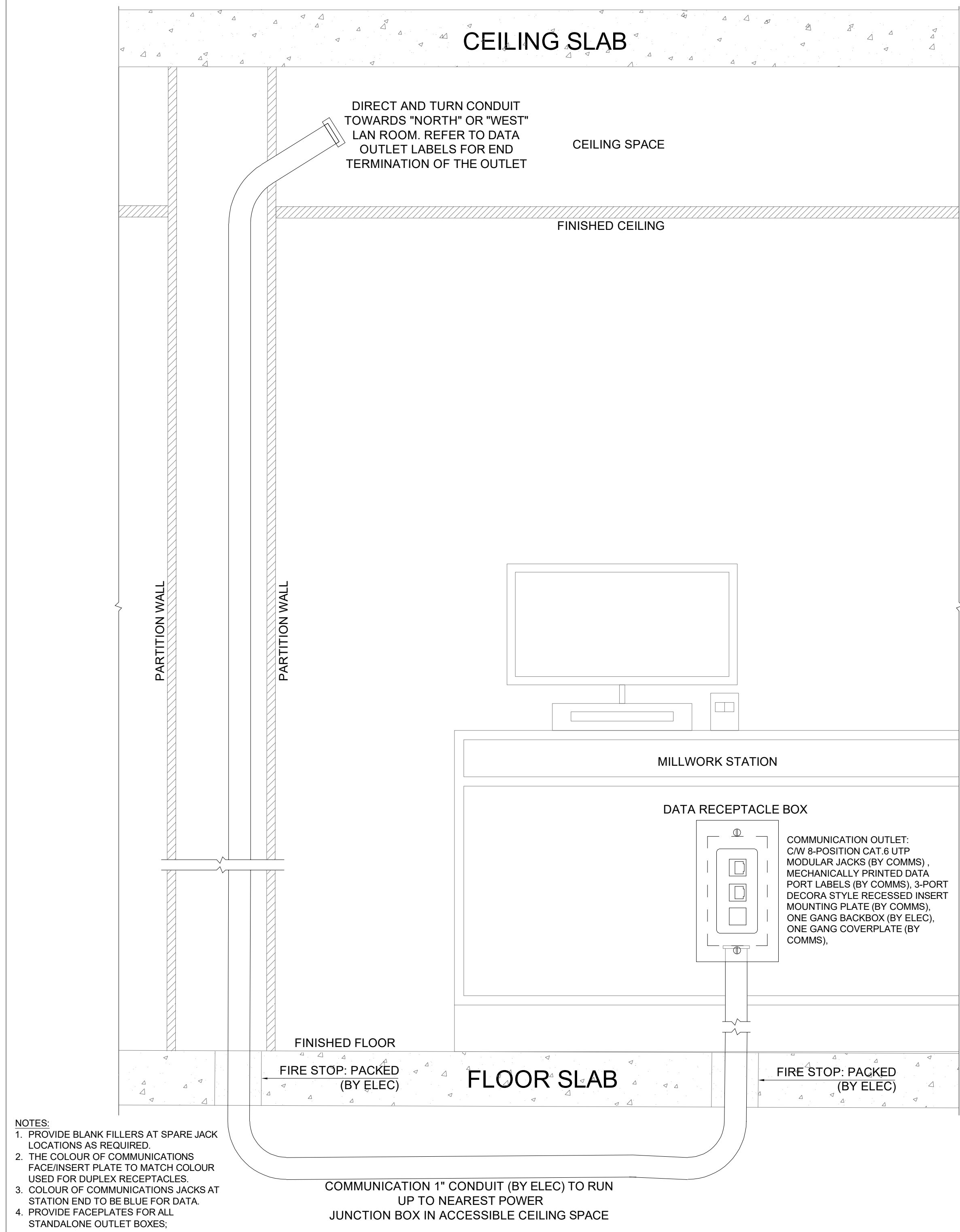
04 NOT IN USE
IT602 SCALE: N.T.S

03 NOT IN USE
IT602 SCALE: N.T.S

02 NOT IN USE
IT602 SCALE: N.T.S

SYMBOL ON PLANS
WAP WAP

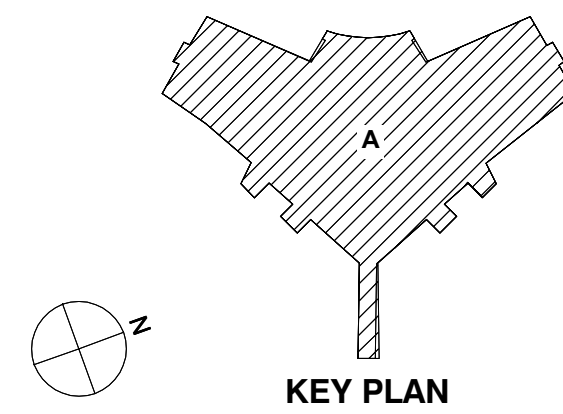
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IT602 SCALE: N.T.S



ISSUED FOR CONSTRUCTION
27 JUNE 2024

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Rev. Description Date



Drawing Title:

IT/COMMUNICATIONS
DETAILS

Project No.: 210029 Checked by: AS

IT-602