

	<p>SYMBOL TELECOMMUNICATIONS DESCRIPTION</p> <p>APPLICABLE TO ALL OUTLETS LISTED BELOW:</p> <p>TERMINATIONS SHALL BE PERFORMED USING PIN/PAIR ASSIGNMENTS IN ACCORDANCE WITH THE T568A PIN-OUT SEQUENCE USING 8-PIN 8 CONDUCTOR (8P8C) RJ45 TYPE CONNECTORS RATED FOR THE CATEGORY OF THE INSTALLED CABLE; COLOR SHALL MATCH THE U/UTP OUTER JACKET.</p> <p>TELECOMMUNICATIONS OUTLETS, 8P8C RJ45 TYPE CONNECTOR ALL UTP CABLES SHALL HAVE GREEN PLENUM RATED OUTER JACKET</p> <p>STANDARD WORK AREA OUTLET, MOUNTED AT 18" AFF UON: FOUR (4) CATEGORY 6A UTP COPPER CABLES TO SERVING TR, TERMINATE ON RACK MOUNTED PATCH PANELS. SEE DETAILS FOR ADDITIONAL INFORMATION.</p> <p>DIRECT DIGITAL CONTROL (DDC) OUTLET, MOUNTED AT 18" AFF UON: TWO (2) CATEGORY 6A UTP COPPER CABLE TO SERVING TR, TERMINATE ON RACK MOUNTED PATCH PANELS. SEE DETAILFOR ADDITIONAL INFORMATION.</p> <p>WALL MOUNTED TELEPHONE OUTLET, MOUNTED AT 48" AFF UON: ONE (1) CATEGORY 6A UTP COPPER CABLE TO SERVING TR, TERMINATE ON RACK MOUNTED PATCH PANELS. SEE DETAIL FOR ADDITIONAL INFORMATION.</p> <p>CATV OUTLET, MOUNTED AT 72" AFF; TWO (2) CATEGORY 6A UTP COPPER CABLES AND ONE (1) RG-6 DUAL-SHIELD COAXIAL COPPER CABLES TO SERVING TR, TERMINATE CATEGORY 6 UTP CABLES ON RACK MOUNTED PATCH PANELS. TERMINATE RG-6 COAXIAL COPPER CABLE ON WALL AREA DESIGNATED FOR CATV.</p> <p>MULTI-USER TELECOM OUTLET ASSEMBLY (MUTOA), MOUNTED AT COUNTER HEIGHT; TWELVE (12) CATEGORY 6A UTP COPPER CABLES TO SERVICE TR, TERMINATE ON RACK MOUNTED PATCH PANELS.</p> <p>WIRELESS ACCESS POINT (WAP) OUTLET, MOUNTED (2) CATEGORY-6A U/UTP OUTLETS), LOCATED 12" ABOVE DROPPED CEILING</p> <p>STANDARD WORK ARE OUTLET, FLOORBOX MOUNTED; FOUR (4) CATEGORY 6A UTP COPPER CABLES TO SERVING TR, TERMINATE ON RACK MOUNTED PATCH PANELS. COORDINATE WITH ELECTRICAL AND AUDIOVISUAL FOR FLOORBOX LOCATIONS.</p> <p>STANDARD WORK ARE OUTLET, SIPRNET, FOUR (4) CATEGORY 6 UTP COPPER CABLES, RED JACKET, TO SECURE ROOM; TERMINATE ON WALL MOUNTED RACK IN SECURE ROOM, INSTALL TO DESIGNATED WORK AREAS IN PDS, PER CNSI 7003.</p> <p>FIRE ALARM SYSTEM PHONE INTERFACE OUTLET, COORDINATE MOUNTING HEIGHT WITH FIRE ALARM EQUIPMENT INSTALLER: TWO (2) CATEGORY 6A UTP COPPER CABLE TO SERVING TR, TERMINATE ON RACK MOUNTED PATCH PANELS. SEE FACEPLATE DETAILS FOR ADDITIONAL INFORMATION.</p> <p>SECURE EQUIPMENT ENCLOSURE; WALL MOUNTED 42" X 30" HIGH- SECURITY, LOCKABLE CABLE TERMINATION CABINET; COMPLIANT WITH CNSI 7003.</p> <p>MULTISERVICE FLOOR BOX, SEE E-502 FOR MORE INFORMATION.</p> <p>FIBER OPTIC HANDHOLE (EXISTING)</p> <p>FLOORBOX LOCATION, TRAINING SIMULATION SYSTEM - UNCLASSIFIED; INSTALLED IN RAISED ACCESS FLOOR. INSTALL EIGHT (8) CATEGORY 6A UTP PLENUM-RATED, GREEN JACKET COPPER CABLES FROM TERMINATING RACK IN SIM SERVER ROOM TO FLOORBOX LOCATION. SEE DETAIL SHEET T-5xx FOR TERMINATION DETAILS. SEE E-001 FOR ELECTRICAL INFORMATION.</p> <p>FLOORBOX LOCATION, TRAINING SIMULATION SYSTEM - CLASSIFIED; INSTALLED IN RAISED ACCESS FLOOR. INSTALL EIGHT (8) CATEGORY 6A UTP PLENUM-RATED, RED JACKET COPPER CABLES FROM TERMINATING RACK IN SIM SERVER ROOM TO FLOORBOX LOCATION. SEE DETAIL SHEET T-5xx FOR TERMINATION DETAILS. SEE E-001 FOR ELECTRICAL INFORMATION.</p> <p>OTHER SYMBOLS:</p> <p>CEILING MOUNTED PA SYSTEM SPEAKER</p> <p>WALL MOUNTED PA SYSTEM SPEAKER</p> <p>GROUNDING BUSBAR, TMGB OR TGB AS INDICATED ON PLANS</p>
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	<p>SYMBOL TELECOMMUNICATIONS DESCRIPTION</p> <p>SECURITY SYMBOLS:</p> <p>INTRUSION DETECTION SYSTEM CONTROL PANEL</p> <p>WALL-MOUNTED PASSIVE INFRARED SENSOR (PIR)</p> <p>CEILING-MOUNTED PASSIVE INFRARED SENSOR (PIR)</p> <p>HORIZONTAL CONDUIT RUN FROM TELECOMMUNICATION ROOMS TO RESPECTIVE AREAS AS INDICATED ON PLANS</p> <p>ACCESS CONTROL SYSTEM / INTRUSION DETECTION SYSTEM CARD READER</p> <p>ELECTRIC STRIKE</p> <p>HIGH SECURITY BALANCED MAGNETIC SWITCH</p> <p>KEYPAD FOR ACCESS CONTROL SYSTEM / INTRUSION DETECTION SYSTEM</p> <p>REQUEST-TO-EXIT SENSOR</p> <p>SINGLE DOOR TCP/IP ACS/IDS CONTROLLER MOUNTED ABOVE ACCESSIBLE CEILING ON SECURE SIDE OF DOOR WITH TWO CATEGORY-6 U/UTP CABLE TO MAIN ACS/IDS CONTROLLER PANEL</p> <p>2-DOOR TCP/IP ACS/IDS CONTROLLER MOUNTED ABOVE ACCESSIBLE CEILING ON SECURE SIDE OF DOOR WITH TWO CATEGORY-6 U/UTP CABLE TO MAIN ACS/IDS CONTROLLER PANEL</p> <p>4-DOOR TCP/IP ACS/IDS CONTROLLER MOUNTED ABOVE ACCESSIBLE CEILING ON SECURE SIDE OF DOOR WITH TWO CATEGORY-6 U/UTP CABLE TO MAIN ACS/IDS CONTROLLER PANEL</p> <p>SECURITY CAMERA, FIXED</p> <p>SECURITY CAMERA WITH PAN, TILT, ZOOM CAPABILITIES</p>
	<p><b>TELECOMMUNICATIONS STANDARDS</b></p> <p>TELECOMMUNICATIONS INSTALLATION SHALL COMPLY WITH THE MOST CURRENT VERSION OF THE FOLLOWING STANDARDS:</p> <p>AMERICANS WITH DISABILITIES ACT AND ARCHITECTURAL BARRIERS ACT ACCESSIBILITY GUIDELINES (UFAS/ADAAG), 2011</p> <p>ANSI/TIA-568.0-D - GENERIC TELECOMMUNICATIONS CABLING FOR CUSTOMER PREMISES</p> <p>ANSI/TIA-568.1-D - COMMERCIAL BUILDING TELECOMMUNICATIONS CABLING STANDARD</p> <p>ANSI/TIA-568-C.2 - BALANCED TWISTED-PAIR TELECOMMUNICATIONS CABLING AND COMPONENTS STANDARD</p> <p>ANSI/TIA-568.3-D - OPTICAL FIBER CABLING COMPONENTS STANDARD</p> <p>ANSI/TIA-568.4-D - BROADBAND COAXIAL CABLING AND COMPONENTS STANDARD</p> <p>ANSI/TIA-569-D - TELECOMMUNICATIONS PATHWAYS AND SPACES</p> <p>ANSI/TIA-598-D - OPTICAL FIBER CABLE COLOR CODING.</p> <p>ANSI/TIA-606-B - ADMINISTRATION STANDARD FOR COMMERCIAL TELECOMMUNICATIONS INFRASTRUCTURE</p> <p>ANSI/TIA-607-C - COMMERCIAL BUILDING GROUNDING (EARTHING) AND BONDING REQUIREMENTS FOR TELECOMMUNICATIONS</p> <p>ANSI/TIA-758-B - CUSTOMER-OWNED OUTSIDE PLANT TELECOMMUNICATIONS INFRASTRUCTURE STANDARD</p> <p>ANSI/TIA-1152, 1152-A - REQUIREMENTS FOR FIELD TEST INSTRUMENTS AND MEASUREMENTS FOR BALANCED TWISTED-PAIR CABLING</p> <p>TIA-526-7 - MEASUREMENT OF OPTICAL POWER LOSS OF INSTALLED SINGLE-MODE FIBER CABLE PLANT</p> <p>TIA-526-14-C - OPTICAL POWER LOSS MEASUREMENTS OF INSTALLED MULTIMODE FIBER CABLE PLANT</p> <p>NFPA 70 - NATIONAL ELECTRICAL CODE (NEC)</p> <p>NFPA 75 - STANDARD FOR THE PROTECTION OF INFORMATION TECHNOLOGY EQUIPMENT</p> <p>NFPA 76 - STANDARD FOR THE FIRE PROTECTION OF TELECOMMUNICATIONS FACILITIES</p> <p>NFPA 780 - STANDARD FOR THE INSTALLATION OF LIGHTNING PROTECTION SYSTEMS</p>

	<p>TELECOMMUNICATIONS STANDARDS CONT</p> <p>UFC-3-580-01 CA - TELECOMMUNICATIONS INTERIOR INFRASTRUCTURE PLANNING AND DESIGN</p> <p>UFC 4-020-04A - ELECTRONIC SECURITY SYSTEMS : SECURITY ENGINEERING</p> <p>UFC 4-021-02 - ELECTRONIC SECURITY SYSTEMS</p> <p>MIL-HDBK-232A - RED/BLACK ENGINEERING-INSTALLATION GUIDELINES</p> <p>MIL-HDBK-419A - GROUNDING, BONDING, AND SHIELDING FOR ELECTRONIC EQUIPMENT AND FACILITIES</p> <p>MIL-HDBK-1012/3 - TELECOMMUNICATIONS PREMISES DISTRIBUTION PLANNING, DESIGN, AND ESTIMATING</p> <p>TM 5-853-4 - SECURITY ENGINEERING ELECTRONIC SECURITY SYSTEMS</p> <p>IEC/TR 61602 ED. 1.0 B, 1996 - CONNECTORS USED IN THE FIELD OF AUDIO, VIDEO AND AUDIOVISUAL ENGINEERING</p> <p>IEC 61883-1 ED. 3.0 EN, 2008 - CONSUMER AUDIO/VIDEO EQUIPMENT - DIGITAL INTERFACE - PART 1: GENERAL</p> <p>IEC 61883-6 ED. 2.0 EN, 2005 - CONSUMER AUDIO/VIDEO EQUIPMENT - DIGITAL INTERFACE - PART 6: AUDIO AND MUSIC DATA TRANSMISSION PROTOCOL</p> <p>IEC 61938 ED. 1.0 B, 1996 - AUDIO, VIDEO AND AUDIOVISUAL SYSTEMS - INTERCONNECTIONS AND MATCHING VALUES - PREFERRED MATCHING VALUES OF ANALOGUE SIGNALS</p> <p>IEC 62075 ED. 1.0 B, 2008 - AUDIO/VIDEO, INFORMATION AND COMMUNICATION TECHNOLOGY EQUIPMENT - ENVIRONMENTALLY CONSCIOUS DESIGN</p> <p>IEC 62087-BD ED. 2.0 EN, 2008 - METHODS OF MEASUREMENT FOR THE POWER CONSUMPTION OF AUDIO, VIDEO AND RELATED EQUIPMENT</p> <p>NFPA 262 - STANDARD METHOD OF TEST FOR FLAME TRAVEL AND SMOKE OF WIRES AND CABLES FOR USE IN AIR-HANDLING SPACES</p> <p>BICSI - BUILDING INDUSTRIES CONSULTING SERVICES INTERNATIONAL (TDMM), 13TH ED., 2014, TELECOMMUNICATIONS DISTRIBUTION METHODS MANUAL 13TH EDITION.</p> <p>CAMP LEJEUNE GUIDE SPECIFICATIONS, (CLGS) 27 10 00</p> <p>CAMP LEJEUNE GUIDE SPECIFICATIONS, (CLGS) 33 82 00</p>
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	<p>TELECOMMUNICATIONS GENERAL NOTES</p> <ol style="list-style-type: none"> <li>THIS IS A STANDARD LEGEND SHEET. NOT ALL SYMBOLS OR ABBREVIATIONS MAY APPEAR ON DRAWINGS.</li> <li>REFER TO DIVISIONS 26, 27, 28 AND 33 SPECIFICATIONS FOR TELECOMMUNICATION SYSTEM ITEMS.</li> <li>MOUNTING DEVICES AND EQUIPMENT PER SPECIFICATIONS UNLESS OTHERWISE NOTED.</li> <li>MOUNTING HEIGHTS, UNLESS OTHERWISE NOTED, ARE TO CENTER LINE OF DEVICE.</li> <li>THE CONTRACTOR SHALL DETERMINE THE EXACT ROUTING OF RACEWAYS.</li> <li>THE CONTRACTOR SHALL COORDINATE ALL RACEWAY PENETRATIONS AND PROVIDE FIREPROOFING AS APPLICABLE.</li> <li>THE MAXIMUM PERMANENT HORIZONTAL LINK DISTANCE SHALL NOT EXCEED 295' AND THE MAXIMUM HORIZONTAL CHANNEL (LINK PLUS WORKSTATION CABLES AND PATCH CORDS) SHALL BE 328'.</li> <li>ALL HORIZONTAL VOICE AND DATA CABLING SHALL BE CATEGORY-6 INSTALLED IN A MINIMUM 1-1/4" CONDUIT UNLESS NOTED OTHERWISE FROM TELECOMM OUTLET LOCATIONS TO THE CABLE TRAY.</li> <li>ALL HORIZONTAL AND BACKBONE CABLING SHALL BE PLENUM RATED WITH THE EXCEPTION OF CABLING INSTALLED IN UNDERGROUND CONDUITS.</li> <li>CATEGORY-6A CABLING SHALL BE TERMINATED ON 8-PIN, 8-CONDUCTOR (RJ-45) CONNECTORS USING PIN/PAIR ASSIGNMENTS IN ACCORDANCE WITH T568A PIN-OUT SEQUENCE.</li> <li>CATEGORY-6A JACKS SHALL BE THE SAME COLOR AS CORRESPONDING HORIZONTAL VOICE AND DATA CABLING. CATEGORY-6 JACKS SHALL BE THE SAME MANUFACTURER AS THE PATCH PANELS.</li> <li>PROVIDE CATEGORY-6, 8-PIN, 8-CONDUCTOR MODULAR TO 8-PIN, 8-CONDUCTOR MODULAR, PATCH CABLES IN QUANTITIES AND LENGTHS SUCH THAT ALL WORKSTATION CABLES ARE CONNECTED.</li> <li>OPTICAL FIBER CABLES SHALL BE TERMINATED WITH DUPLEX SC-TYPE CONNECTORS.</li> <li>ALL TELECOMMUNICATIONS RACKS AND SUPPORTING STRUCTURES (CABLE TRAYS, LADDER RACKS, CONDUITS, AND BASKETS) WITHIN A TR MUST BE BONDED TO THE TR SIGNAL GROUND RING OR BUS BAR (TGB OR TMGB) AS DEFINED IN ANSI/TIA-569-D AND IN ANSI/TIA-607-B.</li> <li>CABLE TRAY SHALL BE WALL MOUNTED (PREFERABLE) OR TRAPEZE MOUNTED. CENTER HUNG CABLE TRAY IS NOT ALLOWED. CABLE TRAY SHALL NOT BE USED TO SUPPORT OTHER ITEMS, CONDUIT, CABLE TRAY, PIPING OF UTILITIES. CABLE TRAY SUPPORTS SHALL BE PER NEMA STANDARDS PUBLICATION VE 2 - METAL CABLE TRAY INSTALLATION GUIDELINES.</li> <li>PROVIDE ACCESS PANELS IN NON LAY-IN CEILINGS SUCH THAT NO POINT IN THE CABLE TRAY SYSTEM IS MORE THAN 20' FROM AN ACCESS POINT.</li> <li>PROVIDE A MINIMUM OF 12" OF CLEARANCE ABOVE THE TOP OF CABLE TRAYS AND A MINIMUM OF 3" CLEARANCE BELOW CABLE TRAYS.</li> <li>COMPLY WITH ANSI/TIA-569-D TELECOMMUNICATION PATHWAYS AND SPACES.</li> <li>USE ONLY COPPER CONDUCTORS FOR GROUND CONNECTIONS. THE USE OF ALUMINUM CONDUCTORS IS NOT ALLOWED.</li> <li>PROVIDE CABLE INSTALLED IN UNDERGROUND CONDUITS LISTED FOR USE IN WET LOCATIONS. PLENUM RATED CABLE SHALL NOT BE INSTALLED IN ANY UNDERGROUND CONDUIT.</li> <li>LABEL ALL CABLE TERMINATIONS AND BOTH ENDS OF ALL CABLES IN ACCORDANCE WITH UFC 3-580-01 AND ANSI/TIA-606-B.</li> <li>PROVIDE AS-BUILT DOCUMENTATION INCLUDING COMPLETE TEST RESULT REPORTS, FLOOR PLANS SHOWING USER WORKSTATIONS WITH CABLING LABELING, AND BACKBONE CABLE SCHEMATIC AND LABELING IN AN ELECTRONIC FORMAT (PDF) OR OTHER APPROVED FORMAT AND A PRINTED HARDCOPY. TEST RESULTS SHALL BE SUPPLIED ELECTRONICALLY TO THE PROJECT RCDD AND CORPS PROJECT ENGINEER/ARCHITECT IN THE TEST PROGRAM NATIVE FORMAT.</li> <li>ANY MOTOR, TRANSFORMER, OR OTHER ELECTRICAL DEVICE GREATER THAN 5 KVA SHALL HAVE A MINIMUM OF A 4' BUFFER FROM ANY WALL OF THE EF, TER, OR TR(S).</li> </ol>
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	<p>TELECOMMUNICATIONS ABBREVIATIONS</p> <p>110 110 PUNCHDOWN BLOCKS</p> <p>8P8C 8-PIN, 8-CONDUCTOR</p> <p>ACS ACCESS CONTROL SYSTEM</p> <p>AFF ABOVE FINISHED FLOOR</p> <p>AHJ AUTHORITY HAVING JURISDICTION</p> <p>ANSI AMERICAN NATIONAL STANDARDS INSTITUTE</p> <p>AWG AMERICAN WIRE GAUGE</p> <p>BBC BACKBONE BONDING CONDUCTOR</p> <p>BCT BONDING CONDUCTOR FOR TELECOMMUNICATIONS CONDUIT(S)</p> <p>CAA CONTROLLED ACCESS AREA</p> <p>CAT 6 CABLING ETL VERIFIED TO ANSI/TIA-568-C.2 CATEGORY 6</p> <p>CATV CABLE TELEVISION</p> <p>CCH CLOSET CONNECTOR HOUSING</p> <p>CCTV CLOSED-CIRCUIT TELEVISION</p> <p>CFCI CONTRACTOR FURNISHED CONTRACTOR INSTALLED CONSOLIDATION POINT</p> <p>CP DIRECT BURIED</p> <p>DDC DIRECT DIGITAL CONTROL</p> <p>DIA DIAMETER</p> <p>DWG DRAWING</p> <p>ER EXISTING RELOCATED</p> <p>EMT ELECTRICAL METALLIC TUBING</p> <p>ETR EXISTING TO REMAIN</p> <p>EXIST EXISTING</p> <p>FB FLOOR BOX</p> <p>FT FEET</p> <p>GFGI GOVERNMENT FURNISHED GOVERNMENT INSTALLED</p> <p>GND GROUND</p> <p>GRC GALVANIZED RIGID CONDUIT</p> <p>GRS GALVANIZED RIGID STEEL</p> <p>IAW IN ACCORDANCE WITH</p> <p>IDS INTRUSION DETECTION SYSTEM</p> <p>IN INCHES</p> <p>LCA LIMITED CONTROL ACCESS</p> <p>MC MECHANICAL CONTRACTOR</p> <p>MIN MINIMUM</p> <p>MTD MOUNTED</p> <p>NEC NATIONAL ELECTRICAL CODE</p> <p>NEMA NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION</p> <p>NESC NATIONAL ELECTRICAL SAFETY CODE</p> <p>NFPA NATIONAL FIRE PROTECTION ASSOCIATION</p> <p>NIC NOT IN CONTRACT</p> <p>NTS NOT TO SCALE</p> <p>OEM ORIGINAL EQUIPMENT MANUFACTURER</p> <p>OFCI OWNER FURNISHED CONTRACTOR INSTALLED</p> <p>OFOI OWNER FURNISHED OWNER INSTALLED</p> <p>OSHA OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION</p> <p>PA PUBLIC ADDRESS</p> <p>PBB PRIMARY BONDING BUSBAR</p> <p>PE POLYETHYLENE</p> <p>PET PROTECTED ENTRANCE TERMINALS</p> <p>PDU POWER DISTRIBUTION UNIT</p> <p>POTS PLAIN OLD TELEPHONE SERVICE (SWITCHED TELEPHONE LINE)</p> <p>PSI POUNDS PER SQUARE INCH</p> <p>PTZ PAN / TILT / ZOOM</p> <p>QTY QUANTITY</p> <p>RBB RACK BONDING BUSBAR</p> <p>RBC RACK BONDING CONDUCTOR</p> <p>RMC RIGID METAL CONDUIT</p> <p>RR REMOVE AND RELOCATE</p> <p>RU RACK UNIT</p> <p>SBB SECONDARY BONDING BUSBAR</p> <p>SCH SCHEDULE</p> <p>STP SHIELDED TWISTED PAIR</p> <p>TBB TELECOMMUNICATIONS BONDING BACKBONE</p> <p>TBC TELECOMMUNICATIONS BONDING CONDUCTOR</p> <p>TE TELECOMMUNICATIONS ENCLOSURE</p> <p>TEBC TELECOMMUNICATIONS EQUIPMENT BONDING CONDUCTOR</p> <p>TEF TELECOMMUNICATIONS ENTRANCE FACILITY</p> <p>TGB TELECOMMUNICATIONS GROUNDING BUSBAR</p> <p>TMGB TELECOMMUNICATIONS MAIN GROUNDING BUSBAR</p> <p>TYP TYPICAL</p> <p>UG UNDERGROUND</p> <p>UON UNLESS OTHERWISE NOTED</p> <p>U/UTP UNSCREENED/UNSHIELDED TWISTED PAIR CABLE</p> <p>VoIP VOICE OVER INTERNET PROTOCOL</p> <p>WP WEATHERPROOF</p> <p>XP EXPLOSION PROOF</p>
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PLOTTED: 5/28/2021 10:02:43 AM

FILE NAME: BIM360/HF PACKAGE 3P1338.MEF SIM CTR-4590892-E-4

SYMBOL	DESCRIPTION
DATE	
<b>Michael Baker INTERNATIONAL</b>	
100 AIRSIDE DRIVE MOON TOWNSHIP, PA 15108 A/E/INFG	
FOR COMMANDER NAVFAC	
ACTIVITY MARINE CORPS BASE CAMP LEJEUNE	
SATISFACTORY TO DATE	
DES	DRW CHK
PM	
BRANCH MANAGER	
CHIEF ENGINEER	
FIRE PROTECTION	
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC ROIC FLORENCE CAMP LEJEUNE MCB CAMP LEJEUNE JACKSONVILLE, NC JACKSONVILLE, NC P1338 II MEF SIMULATION/TRAINING CENTER REPLACEMENT TELECOMMUNICATIONS SYMBOLS, SCHEDULES, & NOTES	
SCALE: AS NOTED	
EPROJECT NO.: 1590892	
CONSTR. CONTR. NO. N40085-20-C-0059	
NAVFAC DRAWING NO.	
SHEET OF	
<b>T-001</b>	

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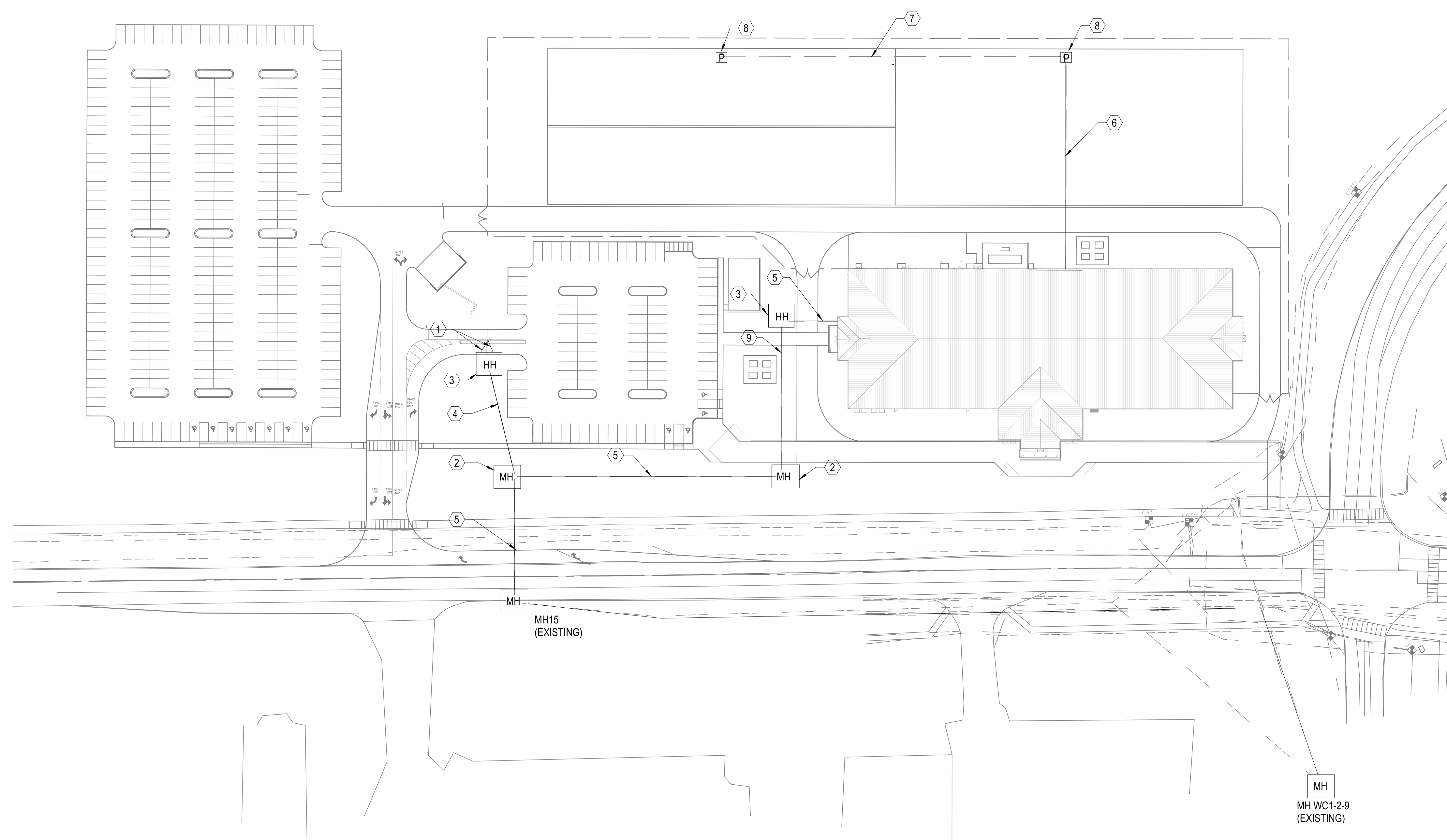
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GENERAL NOTES

- 1 SEE SHEET E-001 FOR ELECTRICAL NOTES, SYMBOLS, AND ABBREVIATIONS.
- 2 PROVIDE AND INSTALL ONE (1) NEW 24-STRAND SINGLEMODE OSP OPTICAL FIBER CABLE FROM MH15 TO NEW FACILITY EF VIA NEW DUCTBANK SYSTEM, AND ONE (1) 300-PAIR OSP PE39 COPPER CABLE FROM EXISTING MH WC1-2-9 TO NEW FACILITY EF VIA NEW DUCTBANK SYSTEM. COORDINATE WITH GOVERNMENT FOR PLACING, SPLICING, TERMINATION, AND CUTOVER REQUIREMENTS.
- 3 PROVIDE AND INSTALL ONE (1) NEW 24-STRAND SINGLEMODE OSP OPTICAL FIBER CABLE, AND ONE (1) 100-PAIR PE93 OSP COPPER CABLE FROM TELECOM ROOM TR208 TO NEW PEDESTAL LOCATIONS AT BUILDING EXTERIOR; COORDINATE TERMINATION LOCATIONS WITH BASE COMMUNICATIONS.

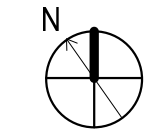
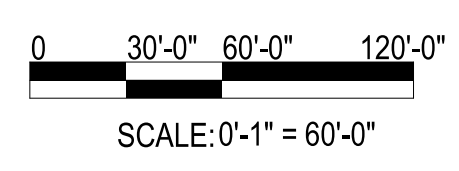
KEYNOTES

- 1 NEW 2-WAY 2" CONDUIT DUCTBANK FROM NEW SITE MANHOLE TO ROADWAY MEDIAN LOCATION; COORDINATE EXACT CONDUIT STUB UP LOCATION WITH PROPOSED CARD READER LOCATION.
- 2 NEW 4'x4'x4' PRECAST CONCRETE COMMUNICATION VAULT
- 3 NEW 2x3' CONCRETE POLYMER HANDHOLE
- 4 NEW 2-WAY 4" CONDUIT DUCTBANK FROM NEW SITE MANHOLE TO NEW HANDHOLE
- 5 NEW 6-WAY 4" CONDUIT DUCTBANK FROM MH15 TO NEW SITE MANHOLE, WITH THREE (3) 3" 3-DUCT FABRIC INNERDUCT INSTALLED IN THREE CONDUITS
- 6 NEW 2-WAY 2" CONDUIT DUCTBANK FROM BUILDING TELECOM ROOM TR208 TO PEDESTAL LOCATION; ONE CONDUIT WITH ONE (1) 3" 3-DUCT FABRIC INNERDUCT INSTALLED IN ONE CONDUIT
- 7 NEW 2-WAY 2" CONDUIT DUCTBANK BETWEEN NEW PEDESTAL LOCATIONS; ONE CONDUIT WITH ONE (1) 3" 3-DUCT FABRIC INNERDUCT INSTALLED IN ONE CONDUIT
- 8 NEW TELECOMMUNICATIONS PEDESTAL LOCATION
- 9 NEW 3-WAY 4" CONDUIT DUCTBANK FROM MH15 TO NEW SITE MANHOLE, WITH THREE (3) 3" 3-DUCT FABRIC INNERDUCT INSTALLED IN ONE CONDUIT






TELECOMMUNICATIONS - SITE UTILITY PLAN

SCALE: 1" = 60'-0"



FILE NAME: BIM360/HF PACKAGE 3P11338.MEF SIM CTR-1509092-E-N

PLOTTED: 5/28/2021 10:03:19 AM

SYMBOL	DESCRIPTION	DATE	APPROVED
			
			
			
100 AIRSIDE DRIVE MOON TOWNSHIP, PA 15108 APPROVED			
FOR COMMANDER NAVFAC ACTIVITY MARINE CORPS BASE CAMP LEJEUNE			
SATISFACTORY TO DATE DES      DRW      CHK			
PM BRANCH MANAGER CHIEF ENGINEER FIRE PROTECTION			
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC ROICC FLORENCE CAMP LEJEUNE MCB CAMP LEJEUNE JACKSONVILLE, NC JACKSONVILLE, NC P1338 II MEF SIMULATION/TRAINING CENTER REPLACEMENT TELECOMMUNICATIONS - SITE PLAN			
SCALE: AS NOTED EPROJECT NO.: 1509092 CONSTR. CONTR. NO. N40085-20-C-0059 NAVFAC DRAWING NO. SHEET      OF			
<b>TS101</b>			

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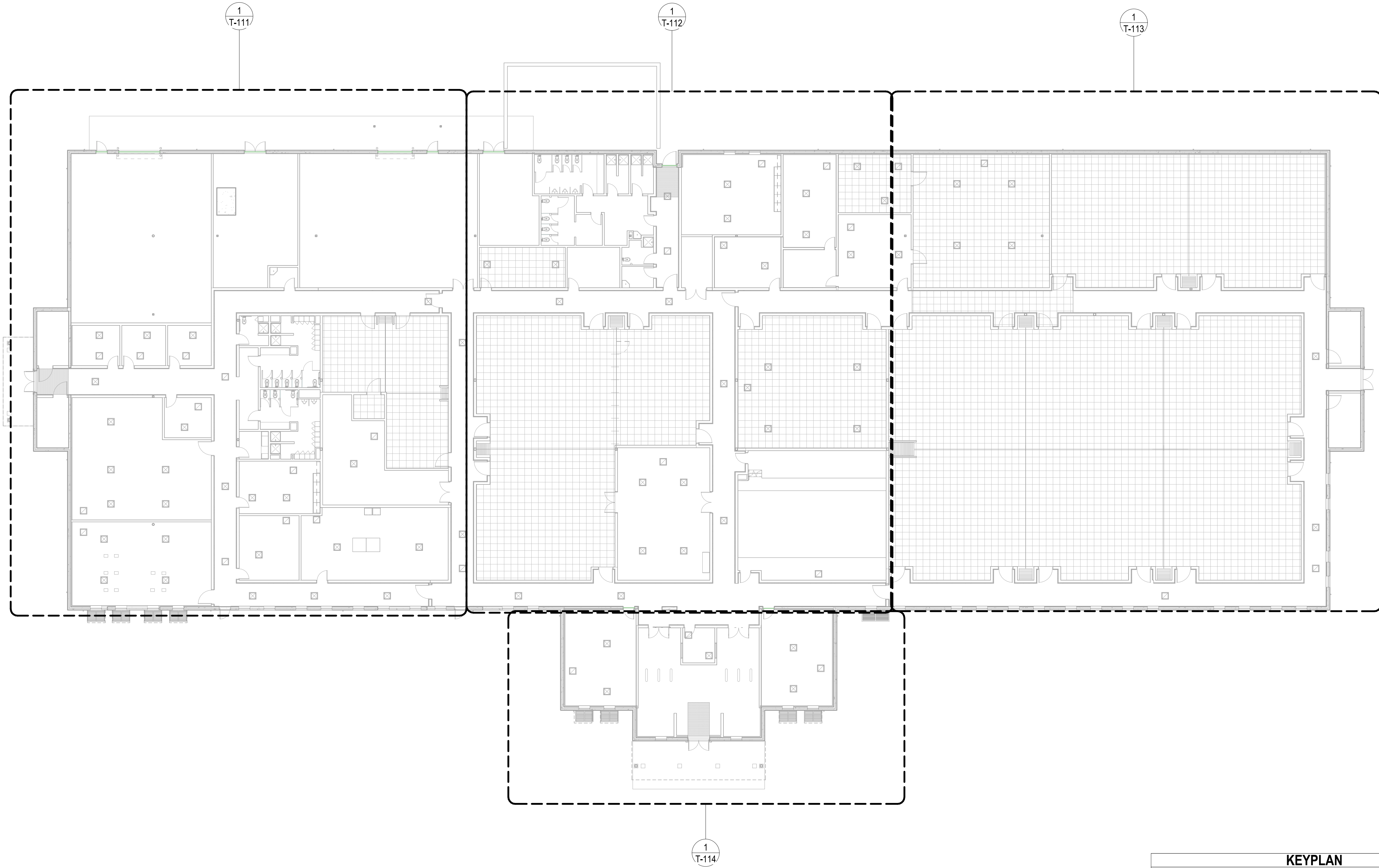
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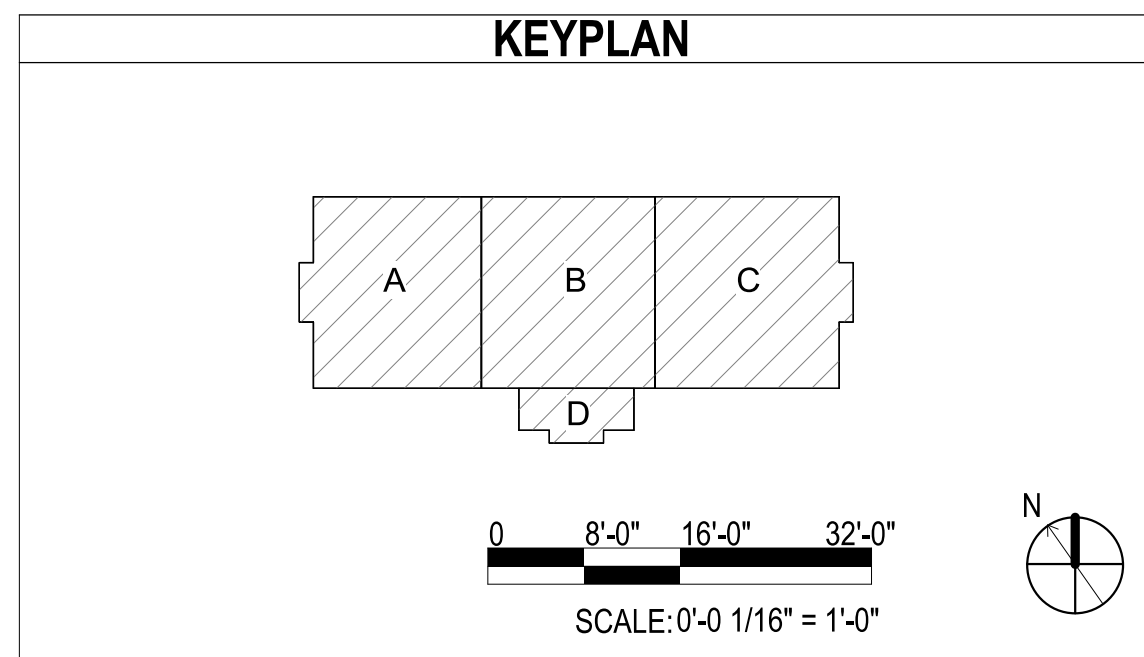
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### TELECOMMUNICATIONS - FLOOR PLAN OVERALL

SCALE: 1/16" = 1'-0"



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FILE NAME: BIM 360://HF PACKAGE 3P11338.MEF SIM CTR-1590892-E-1

SYMBOL	DESCRIPTION	DATE	APPROVED

SEAL

**WM Jordan**  
COMPANY  
- A JOINT VENTURE -

100 AIRSIDE DRIVE  
MOON TOWNSHIP, PA 15108 A/E INFO  
APPROVED

FOR COMMANDER NAVFAC

ACTIVITY  
MARINE CORPS BASE  
CAMP LEJEUNE

SATISFACTORY TO DATE

DES	DRW	CHK
PM		
BRANCH MANAGER		
CHIEF ENGINEER		
FIRE PROTECTION		

DEPARTMENT OF THE NAVY  
NAVAL FACILITIES ENGINEERING COMMAND  
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC  
ROSC FLORENCE CAMP LEJEUNE  
MCR CAMP LEJEUNE  
JACKSONVILLE, NC  
JACKSONVILLE, NC  
P1338 II MEF SIMULATION/TRAINING CENTER  
REPLACEMENT  
TELECOMMUNICATIONS - FLOOR PLAN OVERALL

SCALE: AS NOTED

EPROJECT NO.: 1590892

CONSTR. CONTR. NO.  
N40085-20-C-0059

NAVFAC DRAWING NO.

SHEET **T-100** OF

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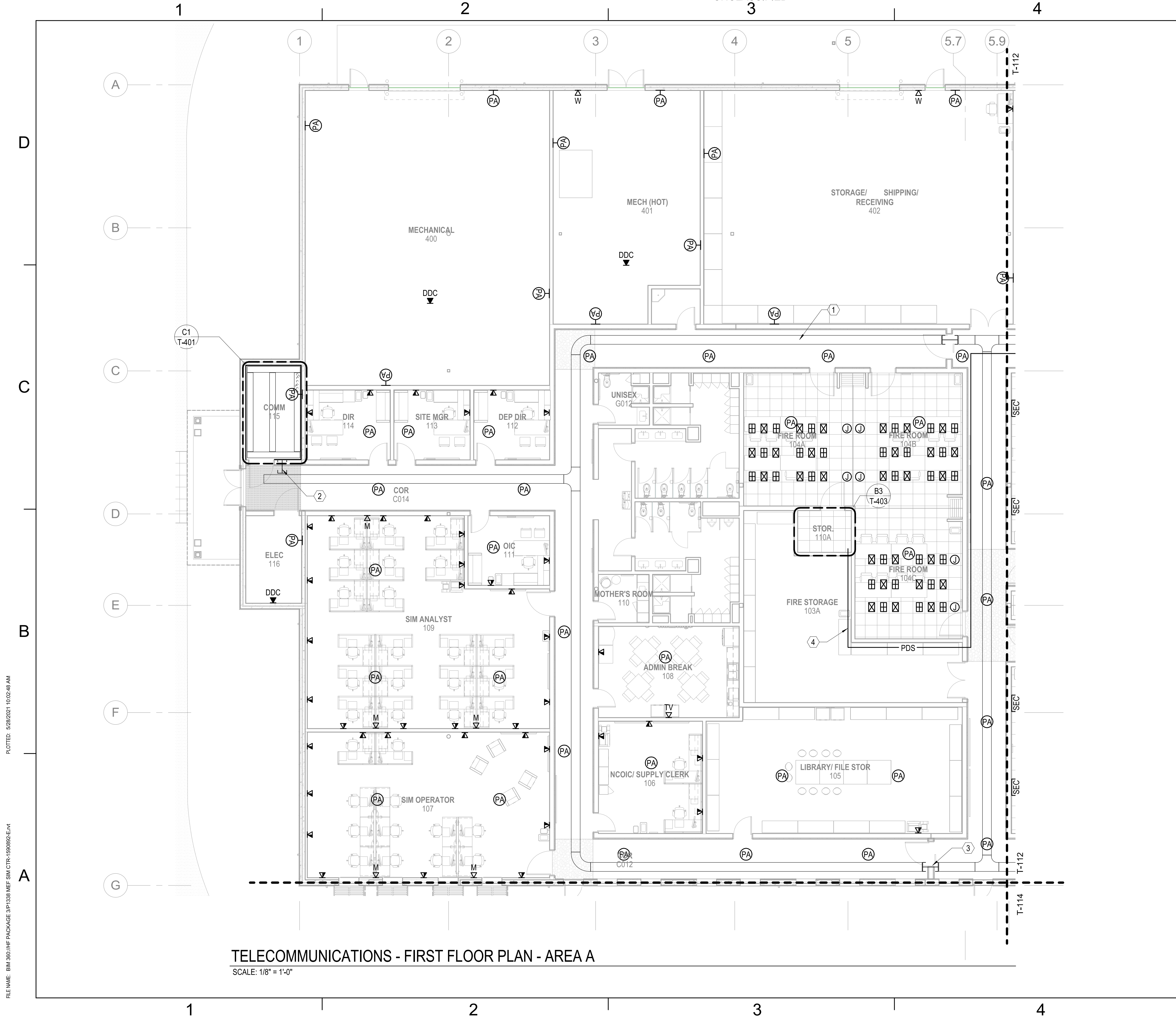
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UNCLASSIFIED

DP2 SUBMISSION - P1338 BUILDING - PRE-FINAL SUBMISSION



FILE NAME: BIM360/HF PACKAGE 3P11338.MEF SIM CTR-459082-E-N  
 PLOTTED: 5/28/2021 10:02:48 AM

**TELECOMMUNICATIONS - FIRST FLOOR PLAN - AREA A**  
SCALE: 1/8" = 1'-0"

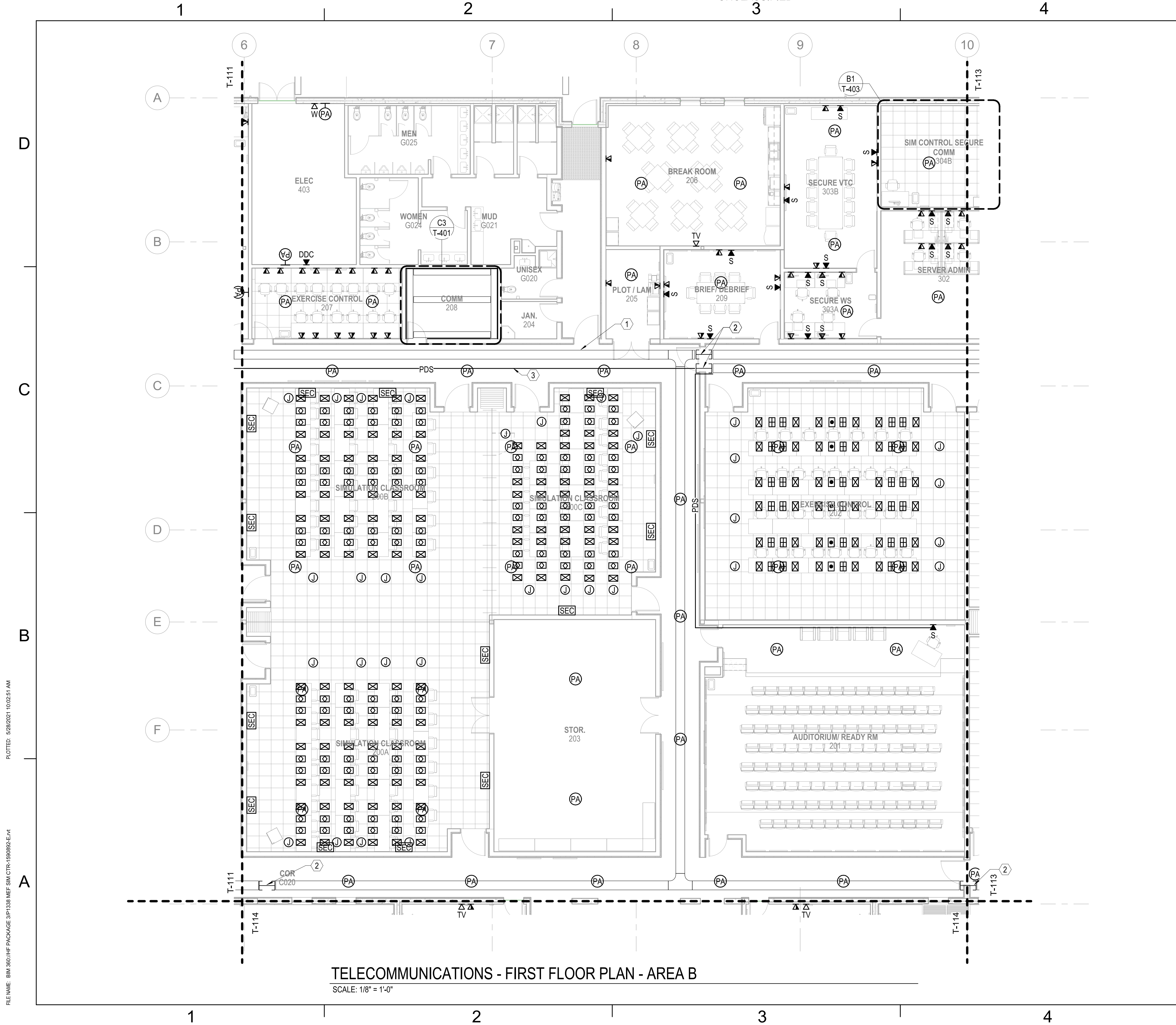
GENERAL NOTES	
1	SEE SHEET T-001 FOR TELECOMMUNICATIONS NOTES, SYMBOLS, AND ABBREVIATIONS.
KEYNOTES	
1	18" X 4" WIRE-BASKET TYPE CABLE TRAY MOUNTED ABOVE ACCESSIBLE CEILING; COORDINATE TRAY PLACEMENT WITH OTHER TRADES (TYPICAL ALL LOCATIONS)
2	THREE (3) 4" FIRE-RATED PENETRATIONS (TYPICAL ALL LOCATIONS)
3	THREE (3) 4" FIRE-RATED PENETRATIONS (TYPICAL ALL LOCATIONS), WITH NON-CONDUCTIVE DIELECTRIC BREAK
4	PROTECTED DISTRIBUTION SYSTEM (PDS) FOR SIPRNET TRANSPORT; COMPLY WITH CNSI 7003

KEYPLAN	
SCALE: 0'-0" 1/8" = 1'-0"	

<p style="text-align: center;"><b>Michael Baker INTERNATIONAL</b></p> <p style="font-size: small;">100 AIRSIDE DRIVE MOON TOWNSHIP, PA 15108</p> <p style="font-size: x-small;">APPROVED</p>	<p style="text-align: center;"><b>WJM Jordan COMPANY</b> - A JOINT VENTURE -</p> <p style="font-size: x-small;">FOR COMMANDER NAVFAC ACTIVITY <b>MARINE CORPS BASE CAMP LEJEUNE</b></p> <p style="font-size: x-small;">SATISFACTORY TO DATE</p> <p style="font-size: x-small;">DES:      DRW:      CHK:</p> <p style="font-size: x-small;">PM:</p> <p style="font-size: x-small;">BRANCH MANAGER:</p> <p style="font-size: x-small;">CHIEF ENGINEER:</p> <p style="font-size: x-small;">FIRE PROTECTION:</p>
<p style="font-size: x-small;">DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC ROIC FLORENCE CAMP LEJEUNE MCB CAMP LEJEUNE</p>	<p style="font-size: x-small;">JACKSONVILLE, NC JACKSONVILLE, NC <b>P1338 II MEF SIMULATION/TRAINING CENTER REPLACEMENT</b></p> <p style="font-size: x-small;">TELECOMMUNICATIONS - FIRST FLOOR PLAN - AREA A</p>
<p>SCALE: AS NOTED EPROJCT NO.: 1590892 CONSTR. CONTR. NO.: N40085-20-C-0059 NAVFAC DRAWING NO.: SHEET      OF</p>	
<b>T-111</b>	



**TELECOMMUNICATIONS - FIRST FLOOR PLAN - AREA B**  
 SCALE: 1/8" = 1'-0"

FILE NAME: BIM360/HF PACKAGE 3P1338.MEF SIM CTR-4590982-E-N  
 PLOTTED: 5/28/2021 10:02:51 AM

**GENERAL NOTES**

1 SEE SHEET T-001 FOR TELECOMMUNICATIONS NOTES, SYMBOLS, AND ABBREVIATIONS.

- KEYNOTES**
- 18" X 4" WIRE-BASKET TYPE CABLE TRAY MOUNTED ABOVE ACCESSIBLE CEILING; COORDINATE TRAY PLACEMENT WITH OTHER TRADES (TYPICAL ALL LOCATIONS)
  - THREE (3) 4" FIRE-RATED PENETRATIONS (TYPICAL ALL LOCATIONS), WITH NON-CONDUCTIVE DIELECTIC BREAK
  - PROTECTED DISTRIBUTION SYSTEM (PDS) FOR SIPRNET TRANSPORT; COMPLY WITH CNSSI 7003

SYMBOL	DESCRIPTION	DATE	APPROVED



**Michael Baker INTERNATIONAL**  
 100 AIRSIDE DRIVE  
 MOON TOWNSHIP, PA 15108  
 APPROVED

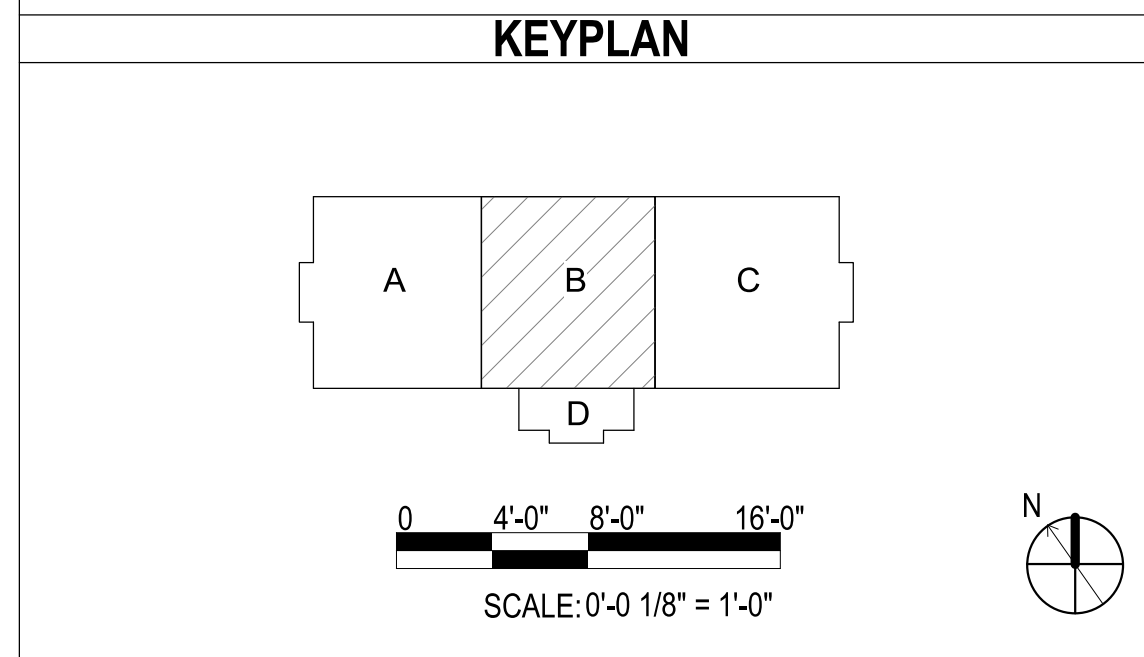
FOR COMMANDER NAVFAC  
 ACTIVITY  
 MARINE CORPS BASE  
 CAMP LEJEUNE  
 Satisfactory to Date  
 DES: \_\_\_\_\_ DRW: \_\_\_\_\_ CHK: \_\_\_\_\_  
 PM: \_\_\_\_\_  
 BRANCH MANAGER: \_\_\_\_\_  
 CHIEF ENGINEER: \_\_\_\_\_  
 FIRE PROTECTION: \_\_\_\_\_

NAVAL FACILITIES ENGINEERING COMMAND  
 NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC  
 ROIC FLORENCE CAMP LEJEUNE  
 JACKSONVILLE, NC  
 JACKSONVILLE, NC

**P1338 II MEF SIMULATION/TRAINING CENTER REPLACEMENT**  
 TELECOMMUNICATIONS - FIRST FLOOR PLAN - AREA B

DEPARTMENT OF THE NAVY  
 NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC  
 ROIC FLORENCE CAMP LEJEUNE  
 JACKSONVILLE, NC  
 JACKSONVILLE, NC

SCALE: AS NOTED  
 EPROJECT NO.: 1590892  
 CONSTR. CONTR. NO.: N40085-20-C-0059  
 NAVFAC DRAWING NO.:  
 SHEET OF  
**T-112**



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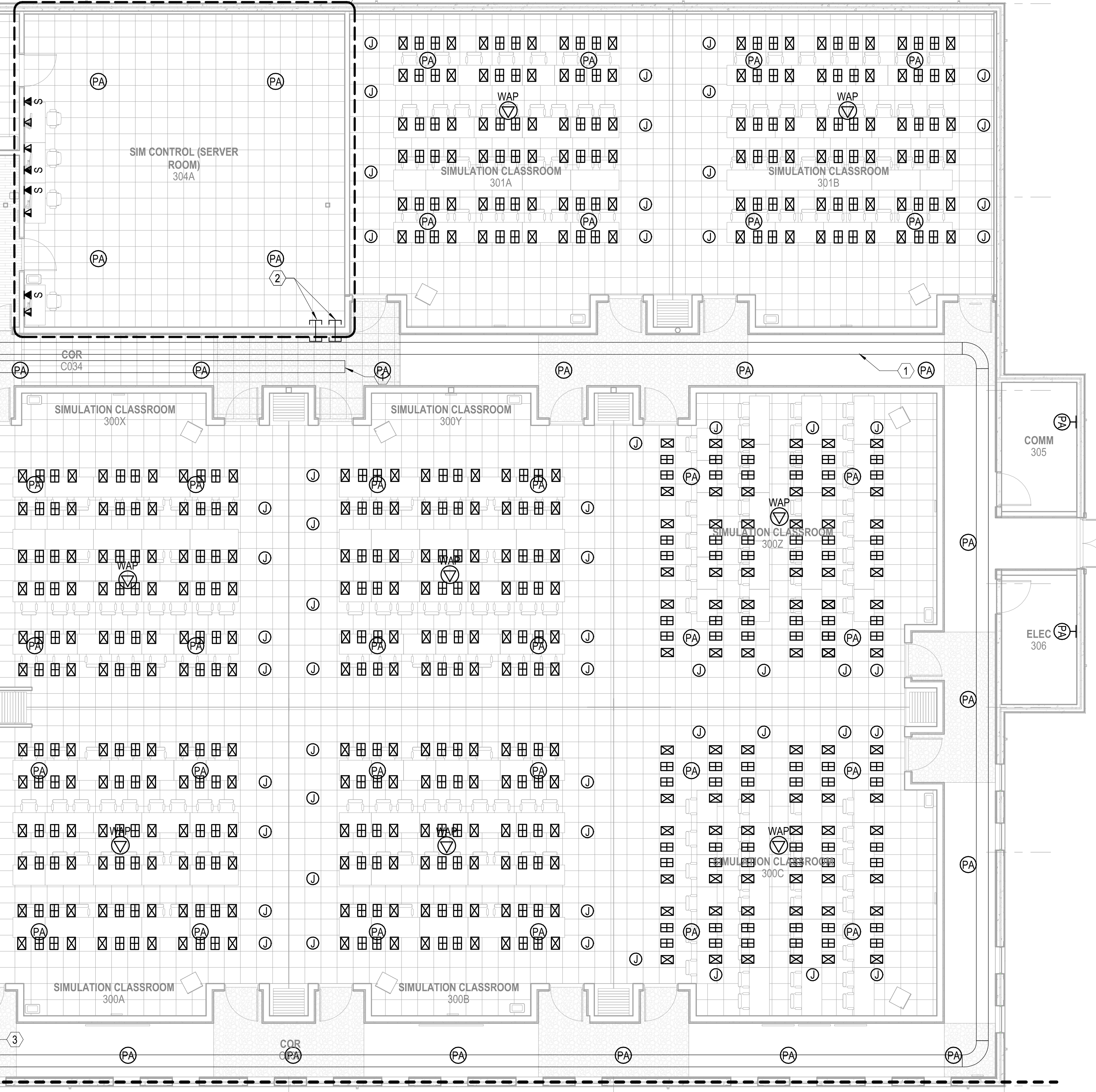
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T-112

T-114



**TELECOMMUNICATIONS - FIRST FLOOR PLAN - AREA C**  
 SCALE: 1/8" = 1'-0"

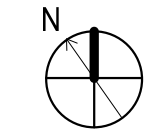
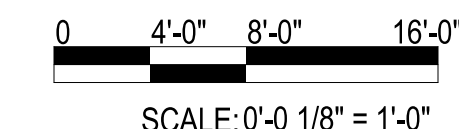
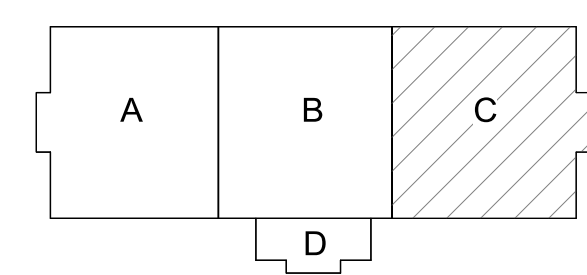
**GENERAL NOTES**


- SEE SHEET T-001 FOR TELECOMMUNICATIONS NOTES, SYMBOLS, AND ABBREVIATIONS.

**KEYNOTES**

- 18" X 4" WIRE-BASKET TYPE CABLE TRAY MOUNTED ABOVE ACCESSIBLE CEILING; COORDINATE TRAY PLACEMENT WITH OTHER TRADES (TYPICAL ALL LOCATIONS)
- THREE (3) 4" FIRE-RATED PENETRATIONS (TYPICAL ALL LOCATIONS)
- THREE (3) 4" FIRE-RATED PENETRATIONS (TYPICAL ALL LOCATIONS), WITH NON-CONDUCTIVE DIELECTIC BREAK

**KEYPLAN**



APPR	
DATE	
SYN	DESCRIPTION
SEAL	
 <b>Michael Baker INTERNATIONAL</b> 100 AIRSIDE DRIVE MOON TOWNSHIP, PA 15108 APPROVED	
FOR COMMANDER NAVFAC	
ACTIVITY MARINE CORPS BASE CAMP LEJEUNE	
SATISFACTORY TO DATE	
DES	CHK
DRW	
PM	
BRANCH MANAGER	
CHIEF ENGINEER	
FIRE PROTECTION	
NAVAL FACILITIES ENGINEERING COMMAND JACKSONVILLE, NC NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC JACKSONVILLE, NC MCB CAMP LEJEUNE JACKSONVILLE, NC <b>P1338 II MEF SIMULATION/TRAINING CENTER          REPLACEMENT</b> TELECOMMUNICATIONS - FIRST FLOOR PLAN - AREA C	
SCALE: AS NOTED	
EPROJCT NO.: 1590892	
CONSTR. CONTR. NO. N40085-20-C-0059	
NAVFAC DRAWING NO.	
SHEET	OF
<b>T-113</b>	

FILE NAME: BIM360/HF PACKAGE 3P11338.MEF SIM CTR-1590892-E-N

PLOTTED: 5/28/2021 10:02:54 AM

UNCLASSIFIED

DP2 SUBMISSION - P1338 BUILDING - PRE-FINAL SUBMISSION

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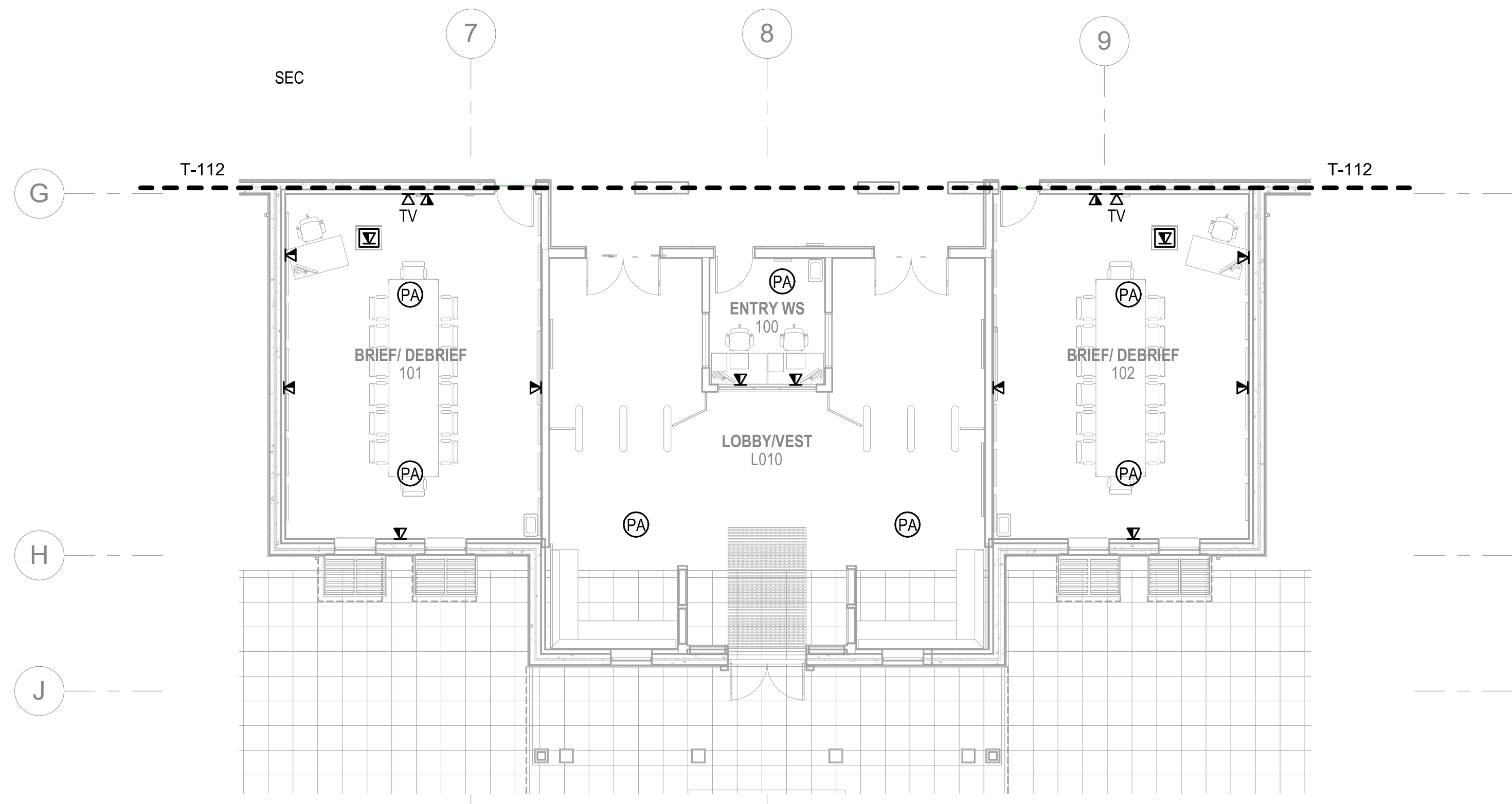
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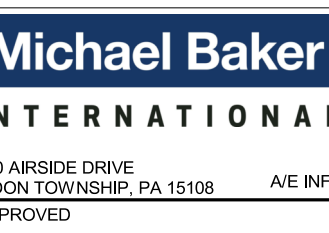


**TELECOMMUNICATIONS - FIRST FLOOR PLAN - AREA D**  
 SCALE: 1/8" = 1'-0"

**GENERAL NOTES**

1 SEE SHEET T-001 FOR TELECOMMUNICATIONS NOTES, SYMBOLS, AND ABBREVIATIONS.

SYMBOL	DESCRIPTION	DATE	APPROVED



100 AIRSIDE DRIVE  
 MOON TOWNSHIP, PA 15108  
 APPROVED

FOR COMMANDER NAVFAC

ACTIVITY  
MARINE CORPS BASE  
CAMP LEJEUNE

SATISFACTORY TO DATE		
DES	DRW	CHK

PM

BRANCH MANAGER

CHIEF ENGINEER

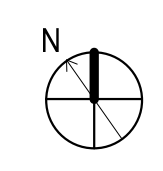
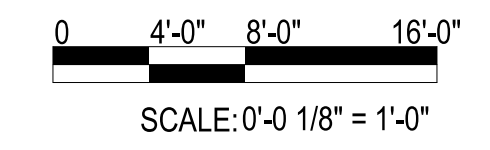
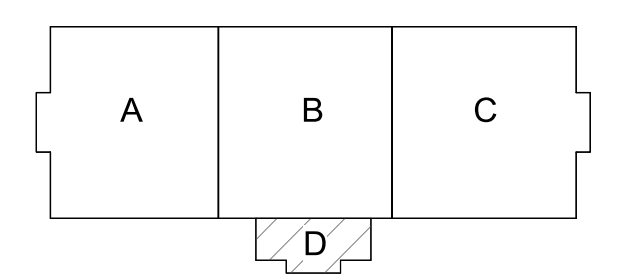
FIRE PROTECTION

DEPARTMENT OF THE NAVY  
 NAVAL FACILITIES ENGINEERING COMMAND  
 NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC  
 ROICC FLORENCE CAMP LEJEUNE  
 JACKSONVILLE, NC  
 MCB CAMP LEJEUNE  
 JACKSONVILLE, NC  
 P1338 II MEF SIMULATION/TRAINING CENTER  
 REPLACEMENT  
 TELECOMMUNICATIONS - FIRST FLOOR PLAN - AREA D

SCALE: AS NOTED  
 EPROJECT NO.: 1590892  
 CONSTR. CONTR. NO.: N40085-20-C-0059  
 NAVFAC DRAWING NO.:  
 SHEET OF

**T-114**

**KEYPLAN**



PLOTTED: 5/28/2021 10:02:56 AM

FILE NAME: BIM\_360/HF PACKAGE 3P1338.MEF\_SIM\_CTR-1590892-E.rvt

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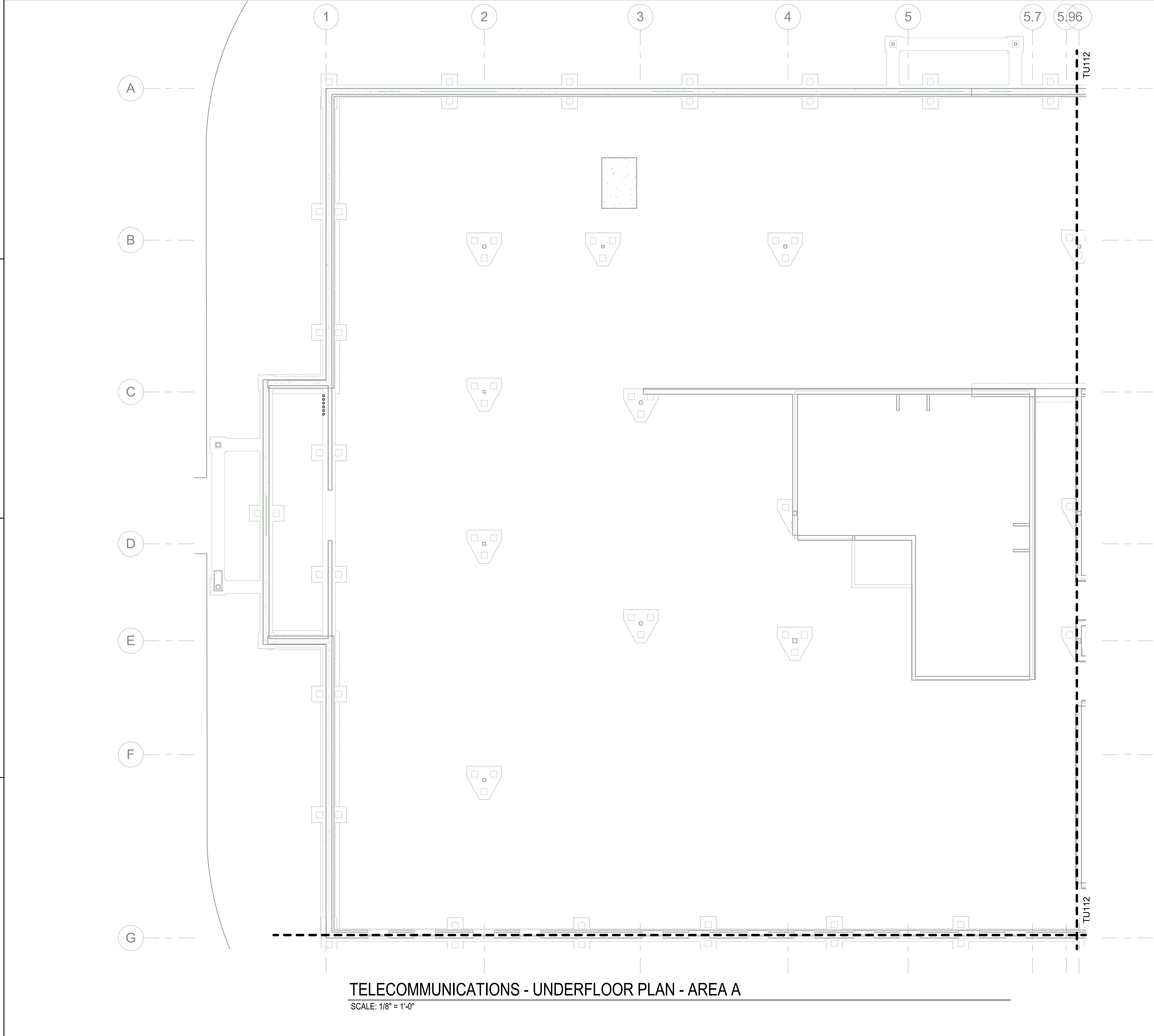
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FILE NAME: BIM360/HF PACKAGE 3P1338.MEF SIM CTR-150082-E-1  
PLOTTED: 5/28/2021 10:11:22 AM



**TELECOMMUNICATIONS - UNDERFLOOR PLAN - AREA A**  
SCALE: 1/8" = 1'-0"

**GENERAL NOTES**

1 SEE SHEET T-001 FOR TELECOMMUNICATIONS NOTES, SYMBOLS, AND ABBREVIATIONS.

SYMBOL	DESCRIPTION	DATE	APPROVED

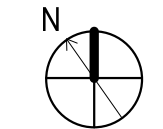
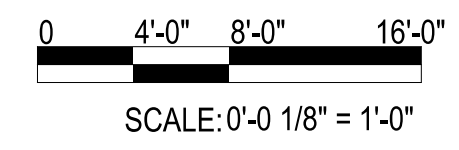
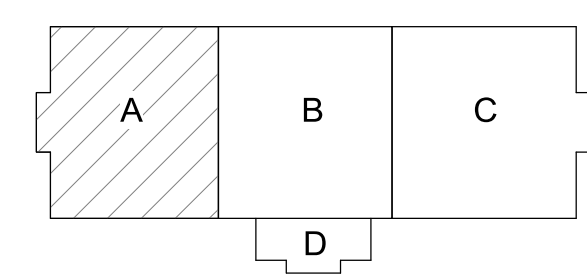


FOR COMMANDER NAVFAC  
ACTIVITY  
**MARINE CORPS BASE  
CAMP LEJEUNE**

DEPARTMENT OF THE NAVY  
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC  
ROIC FLORENCE CAMP LEJEUNE  
JACKSONVILLE, NC  
**P1338 II MEF SIMULATION/TRAINING CENTER  
REPLACEMENT**  
TELECOMMUNICATIONS - FIRST FLOOR PLAN - AREA A UNDERSLAB

SCALE: AS NOTED  
EPROJECT NO.: 150082  
CONSTR. CONTR. NO.: N40085-20-C-0059  
NAVFAC DRAWING NO.:  
SHEET OF  
**TU11**

**KEYPLAN**





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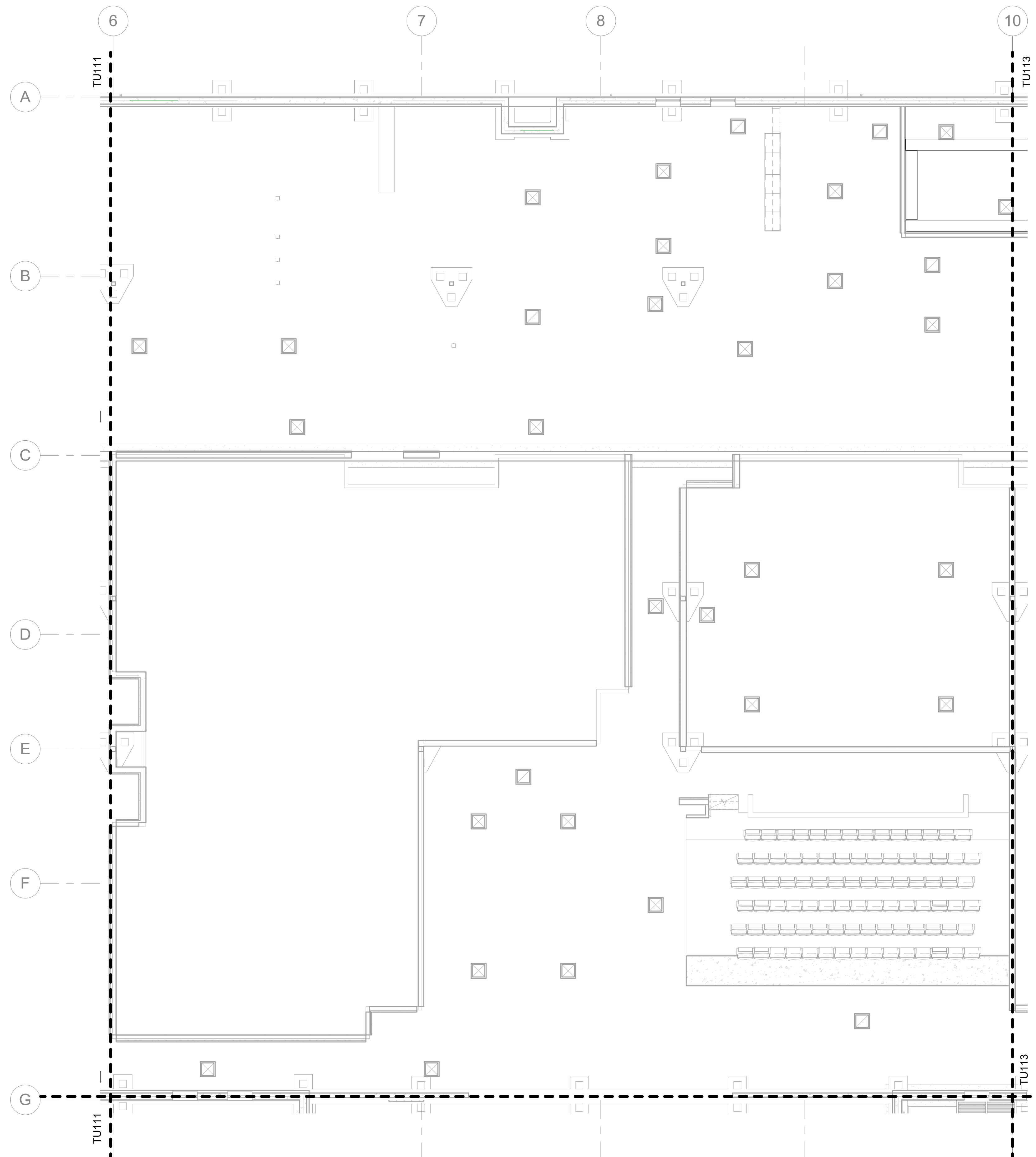
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FILE NAME: BIM360/HF PACKAGE 3P1338.MEF SIM CTR-150082-E-1  
PLOTTED: 5/28/2021 10:03:20 AM

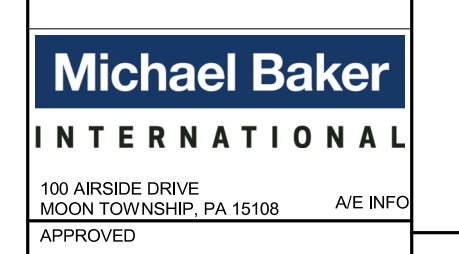
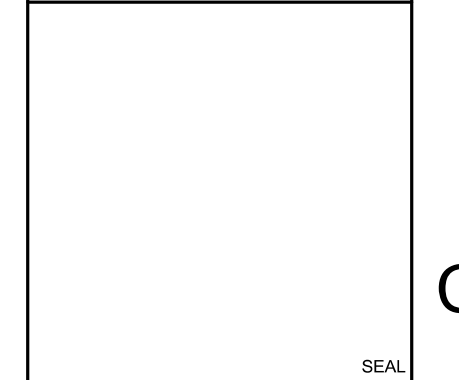


**TELECOMMUNICATIONS - UNDERFLOOR PLAN - AREA B**  
 SCALE: 1/8" = 1'-0"

**GENERAL NOTES**

1 SEE SHEET T-001 FOR TELECOMMUNICATIONS NOTES, SYMBOLS, AND ABBREVIATIONS.

SYMBOL	DESCRIPTION	DATE	APPROVED



100 AIRSIDE DRIVE  
 MOON TOWNSHIP, PA 15108  
 APPROVED

FOR COMMANDER NAVFAC

ACTIVITY  
 MARINE CORPS BASE  
 CAMP LEJEUNE

SATISFACTORY TO DATE

DES:      DRW:      CHK:

PM:

BRANCH MANAGER:

CHIEF ENGINEER:

FIRE PROTECTION:

NAVAL FACILITIES ENGINEERING COMMAND  
 JACKSONVILLE, NC

NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC  
 JACKSONVILLE, NC

ROIC FLORENCE CAMP LEJEUNE  
 MCB CAMP LEJEUNE

P1338 II MEF SIMULATION/TRAINING CENTER  
 REPLACEMENT

TELECOMMUNICATIONS - FIRST FLOOR PLAN - AREA B UNDERSLAB

DP2 SUBMISSION - P1338 BUILDING - PRE-FINAL SUBMISSION

SCALE: AS NOTED

EPROJECT NO.: 1500892

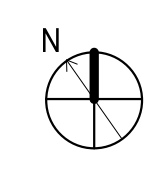
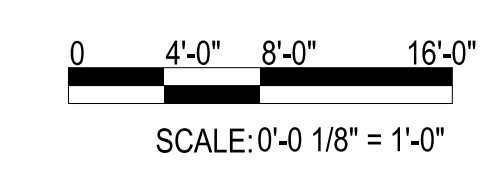
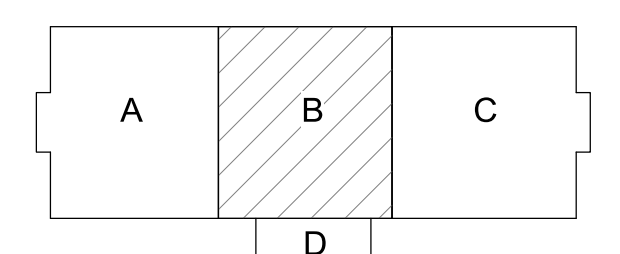
CONSTR. CONTR. NO.  
 N40085-20-C-0059

NAVFAC DRAWING NO.

SHEET      OF

**TU112**

**KEYPLAN**



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GENERAL NOTES

1 SEE SHEET T-001 FOR TELECOMMUNICATIONS NOTES, SYMBOLS, AND ABBREVIATIONS.

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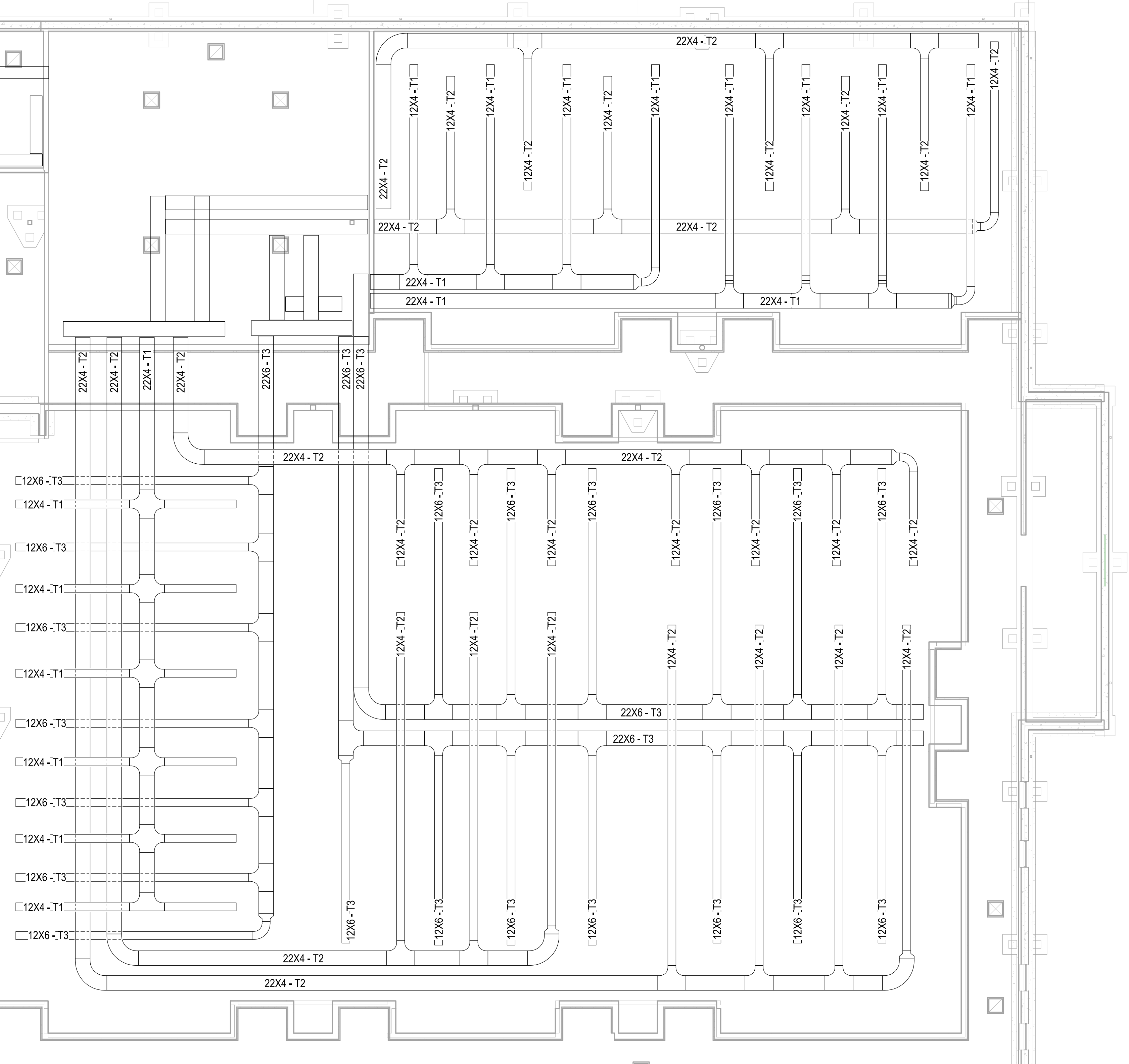
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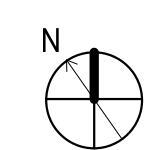
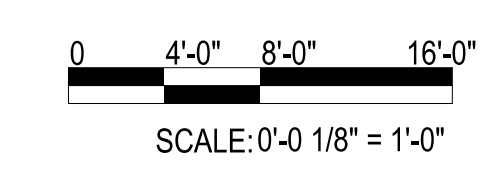
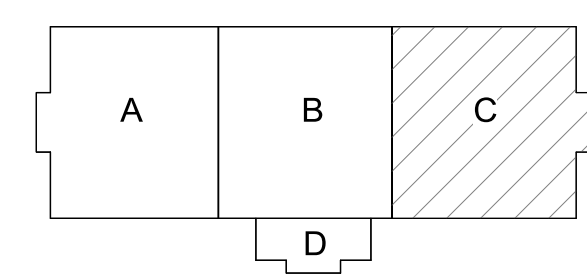





TELECOMMUNICATIONS - UNDERFLOOR PLAN - AREA C  
SCALE: 1/8" = 1'-0"

FILE NAME: BIM 360/HF PACKAGE 3P11338.MEF SIM CTR-1590892-E-N  
PLOTTED: 5/28/2021 10:03:20 AM

DEPARTMENT OF THE NAVY  
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC  
ROIC FLORENCE CAMP LEJEUNE  
MBC CAMP LEJEUNE  
P1338 II MEF SIMULATION/TRAINING CENTER  
REPLACEMENT  
TELECOMMUNICATIONS - FIRST FLOOR PLAN - AREA C UNDERSLAB  
REPLACEMENT

KEYPLAN



APPROVED	DATE	APPR
SYMBOL	DESCRIPTION	DATE
		
		
		
FOR COMMANDER NAVFAC ACTIVITY MARINE CORPS BASE CAMP LEJEUNE		
SATISFACTORY TO DATE DES _____ DRW _____ CHK _____ PM _____ BRANCH MANAGER _____ CHIEF ENGINEER _____ FIRE PROTECTION _____		
NAVAL FACILITIES ENGINEERING COMMAND JACKSONVILLE, NC JACKSONVILLE, NC P1338 II MEF SIMULATION/TRAINING CENTER REPLACEMENT TELECOMMUNICATIONS - FIRST FLOOR PLAN - AREA C UNDERSLAB REPLACEMENT		
SCALE: AS NOTED EPROJECT NO.: 1590892 CONSTR. CONTR. NO.: N40085-20-C-0059 NAVFAC DRAWING NO.: SHEET _____ OF _____		
<b>TU113</b>		

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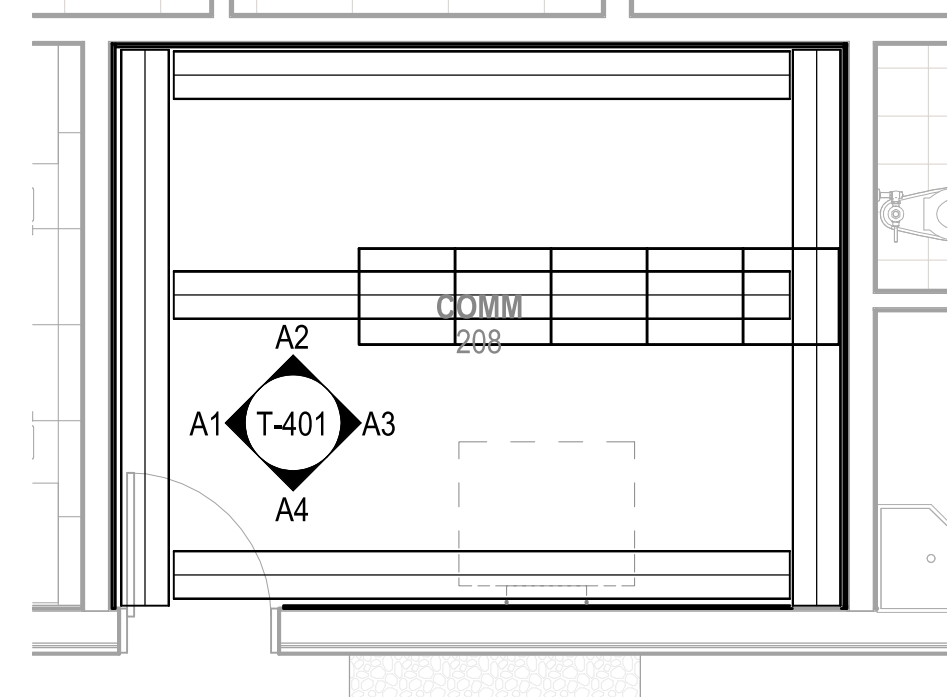
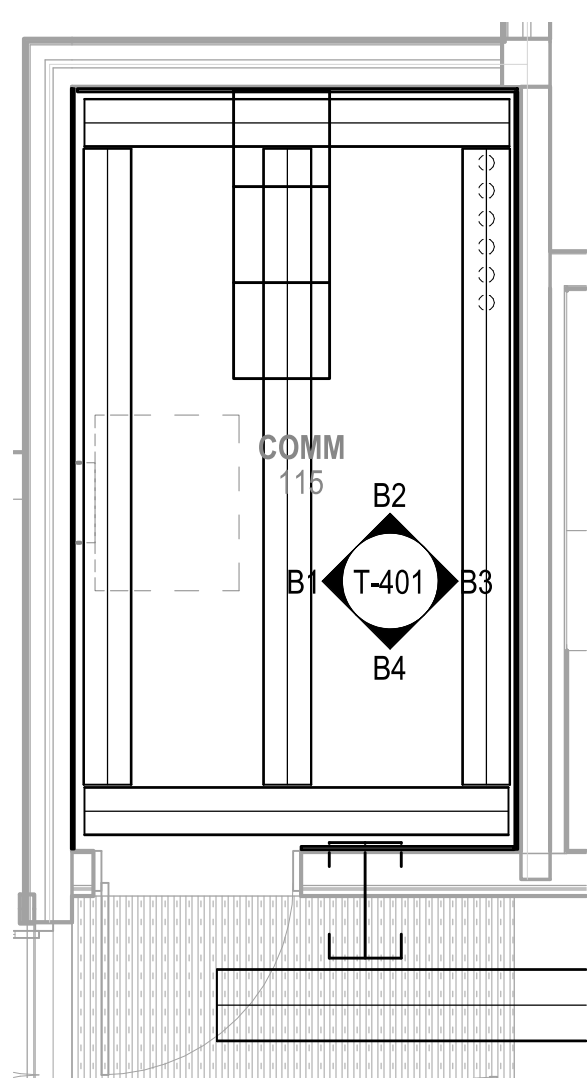
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**GENERAL NOTES**

1 SEE SHEET T-001 FOR TELECOMMUNICATIONS NOTES, SYMBOLS, AND ABBREVIATIONS.



**TELECOMMUNICATIONS - ENLARGED ROOM 115**

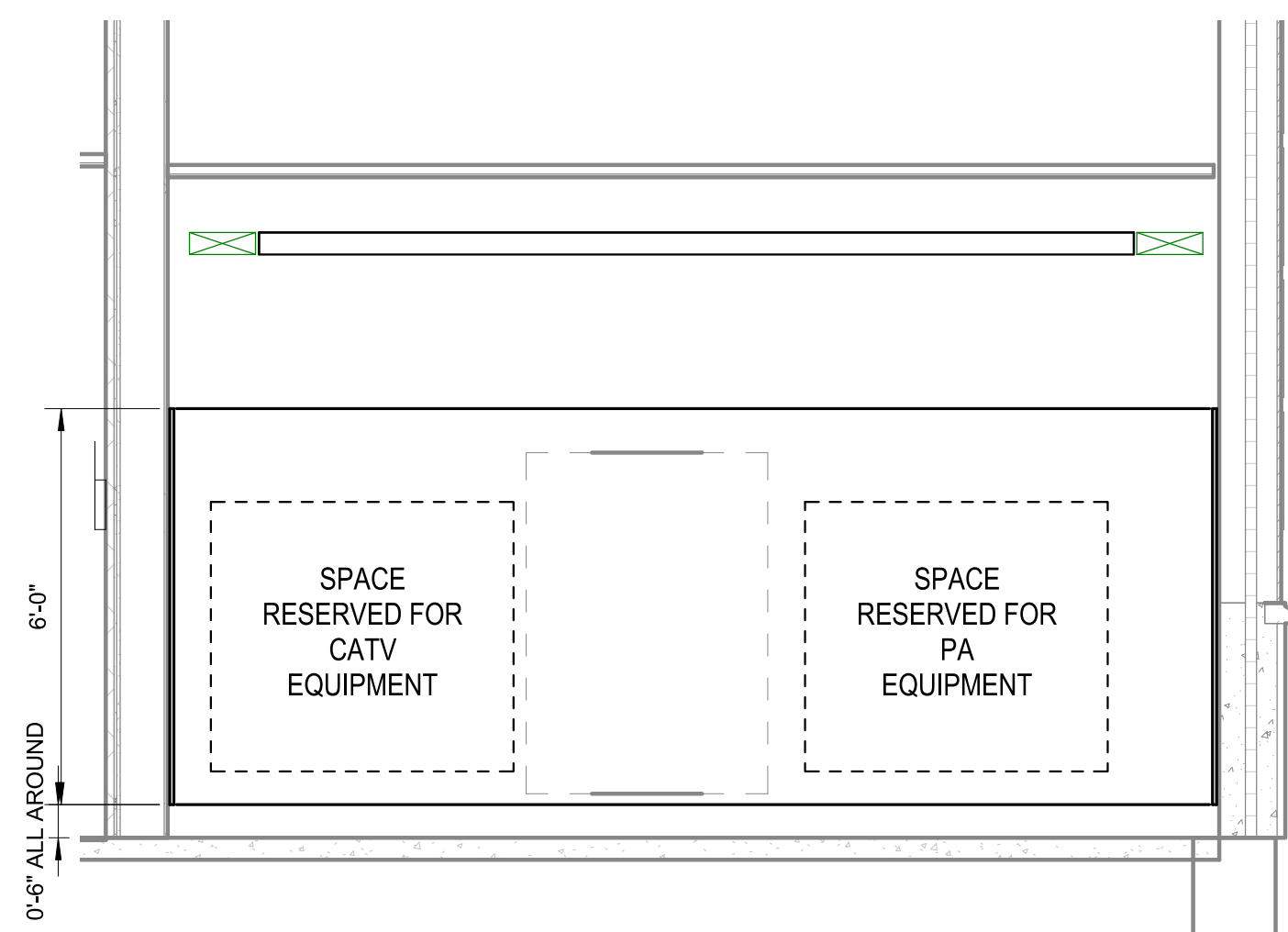
SCALE: 1/4" = 1'-0"

T-111 **C1**

**TELECOMMUNICATIONS - ENLARGED ROOM 208**

SCALE: 1/4" = 1'-0"

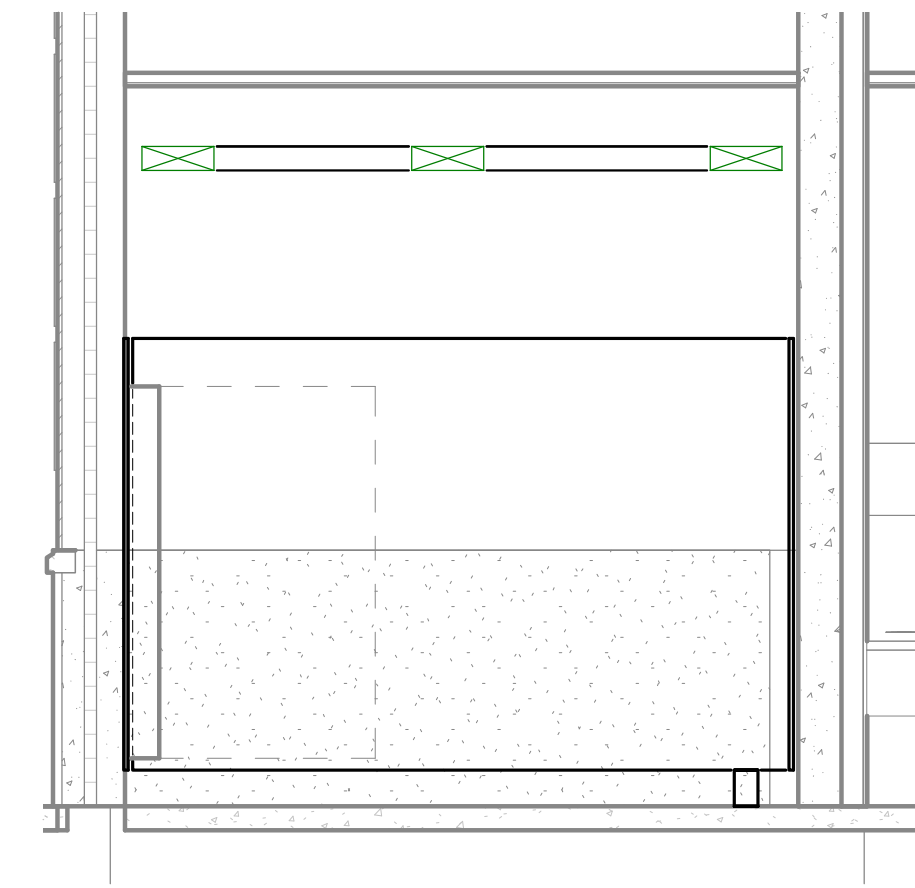
T-111 **C3**



**TELECOM RM 115 ELEVATION - DETAIL "B1"**

SCALE: 3/8" = 1'-0"

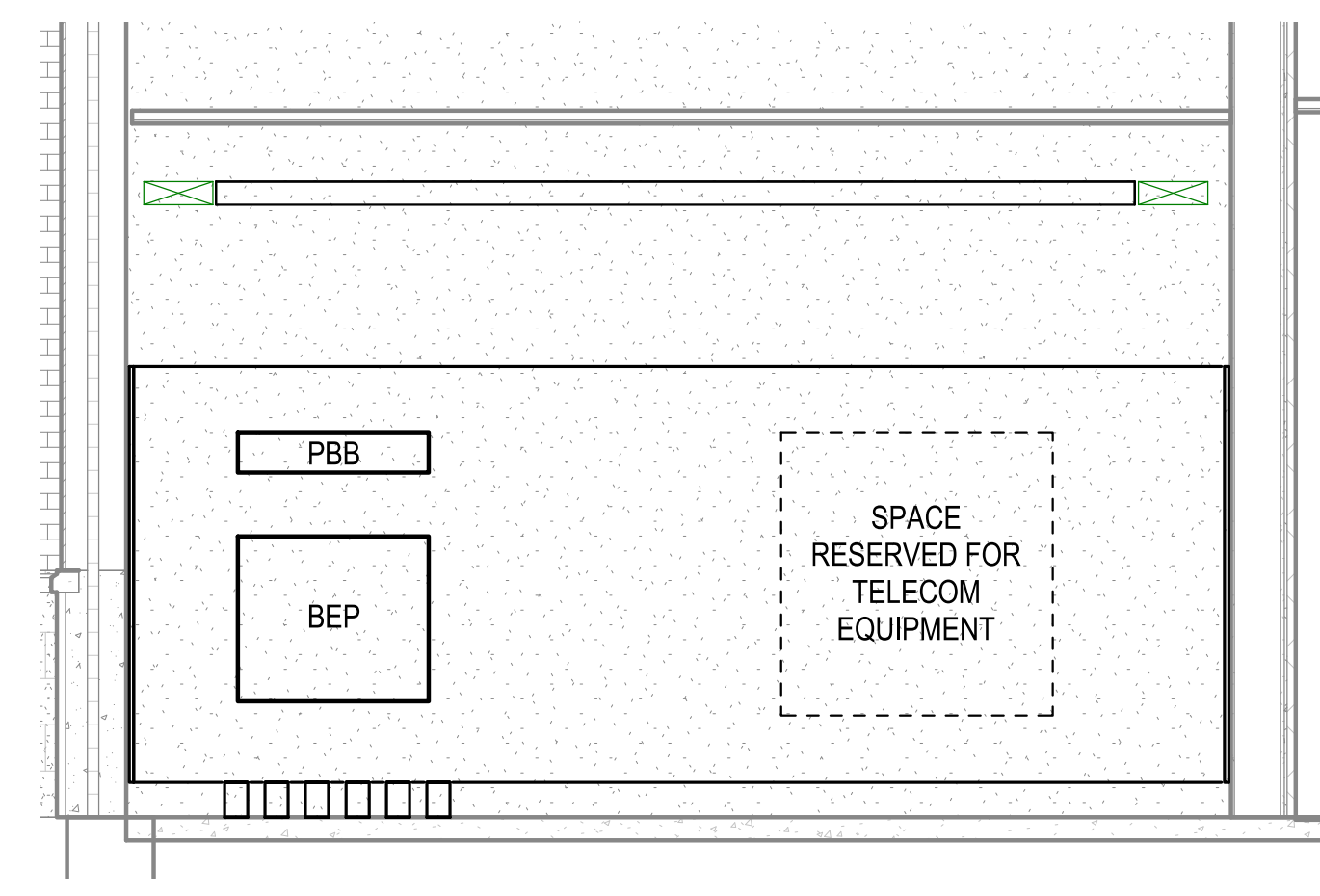
T-401 **B1**



**TELECOM RM 115 ELEVATION - DETAIL "B2"**

SCALE: 3/8" = 1'-0"

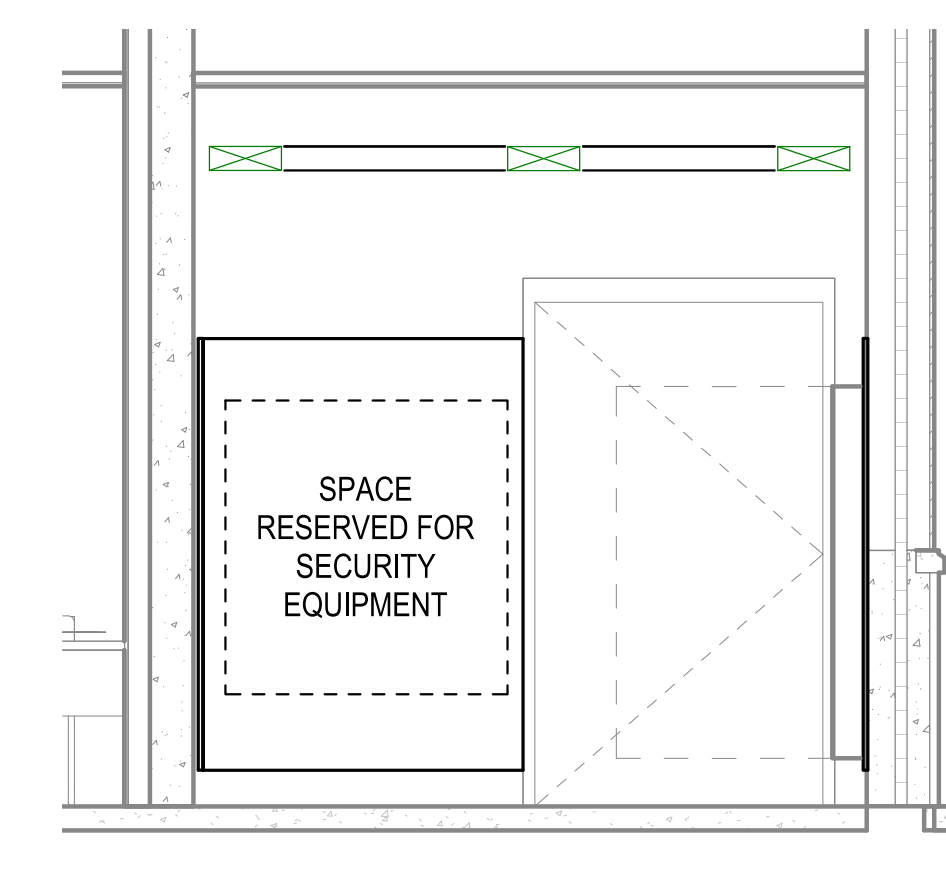
T-401 **B2**



**TELECOM RM 115 ELEVATION - DETAIL "B3"**

SCALE: 3/8" = 1'-0"

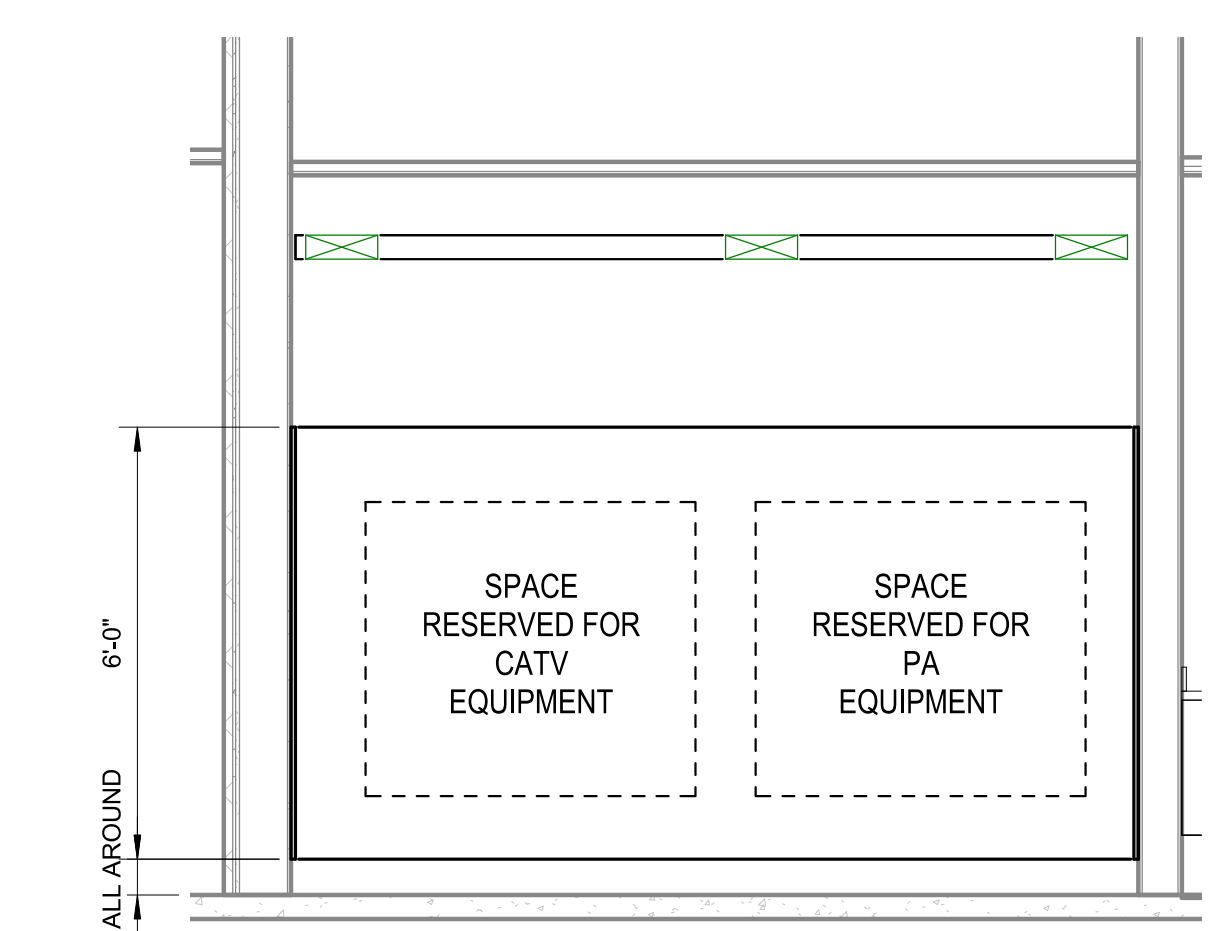
T-401 **B3**



**TELECOM RM 115 ELEVATION - DETAIL "B4"**

SCALE: 3/8" = 1'-0"

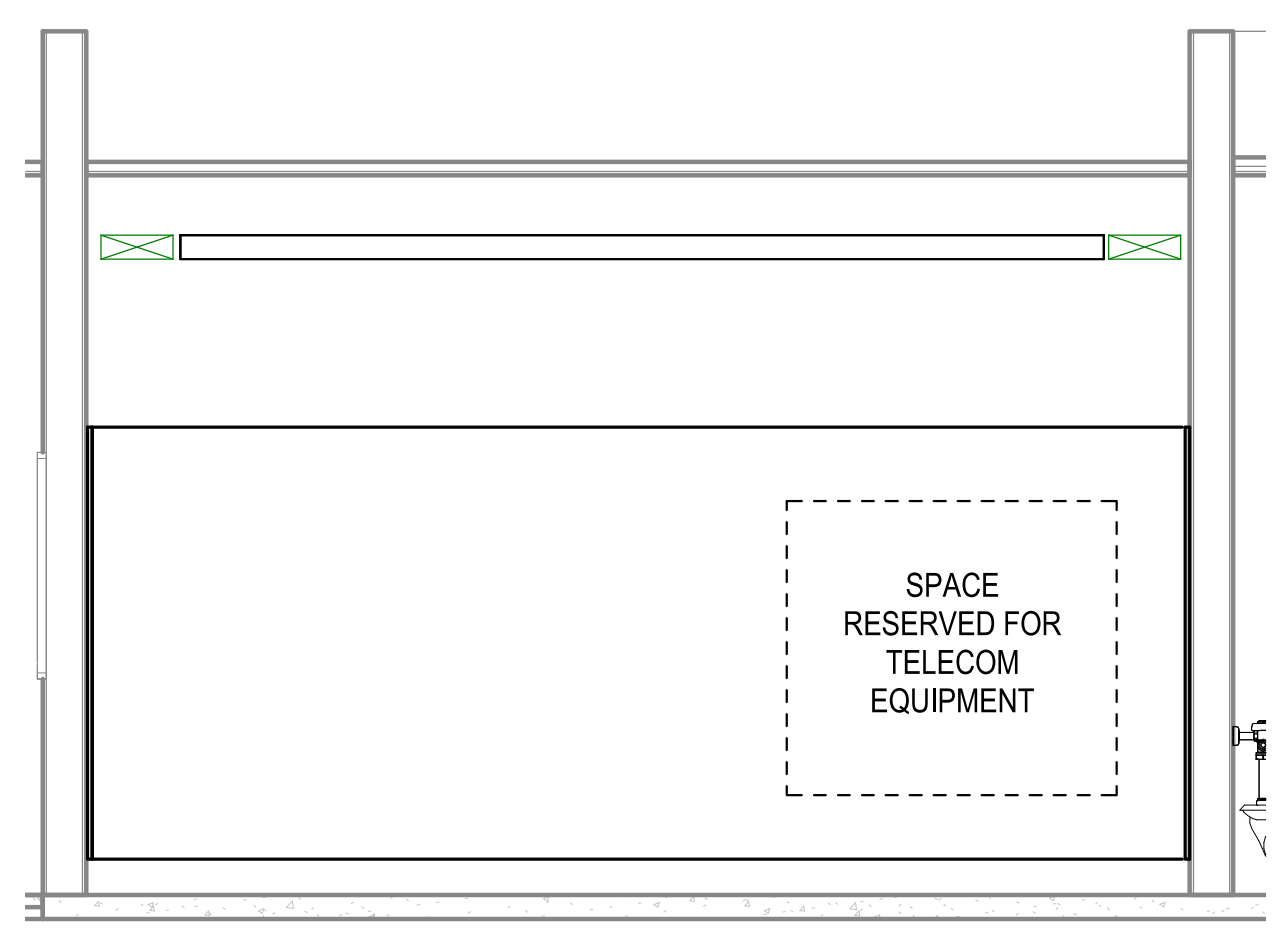
T-401 **B4**



**TELECOM RM 208 ELEVATION - DETAIL "A1"**

SCALE: 3/8" = 1'-0"

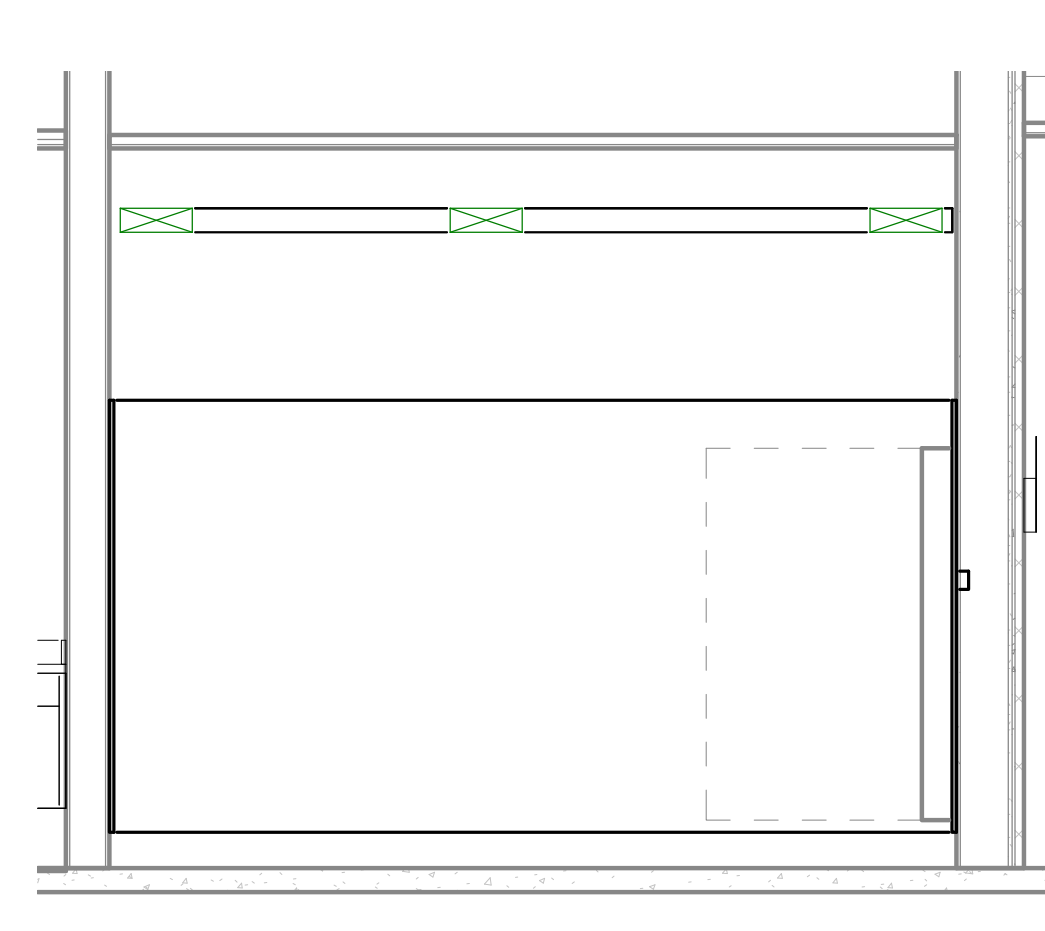
T-401 **A1**



**TELECOM RM 208 ELEVATION - DETAIL "A2"**

SCALE: 3/8" = 1'-0"

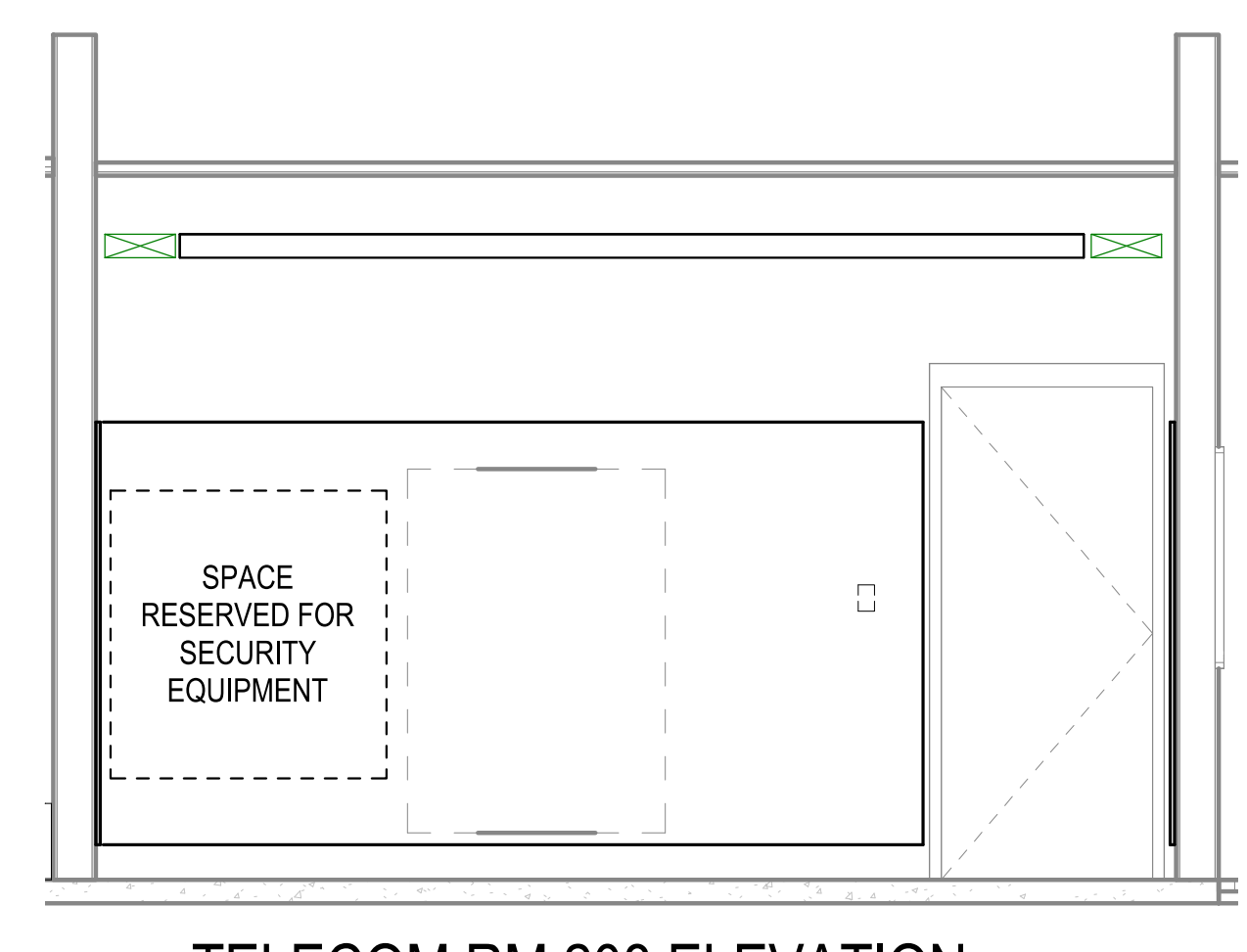
T-401 **A2**



**TELECOM RM 208 ELEVATION - DETAIL "A3"**

SCALE: 3/8" = 1'-0"

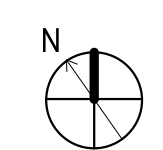
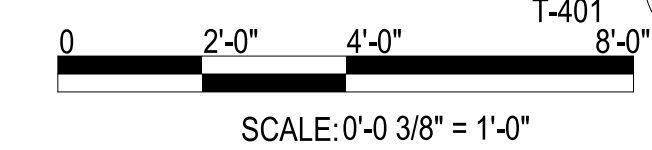
T-401 **A3**



**TELECOM RM 208 ELEVATION - DETAIL "A4"**

SCALE: 3/8" = 1'-0"

T-401 **A4**



APPROVED	DATE	APP'R
SYMBOL	DESCRIPTION	
<b>Michael Baker INTERNATIONAL</b> 100 AIRSIDE DRIVE MOON TOWNSHIP, PA 15108 APPROVED		
FOR COMMANDER NAVFAC		
ACTIVITY		
MARINE CORPS BASE CAMP LEJEUNE		
SATISFACTORY TO DATE		
DES	DRW	CHK
PM	BRANCH MANAGER	
CHIEF ENGINEER		
FIRE PROTECTION		
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC ROICC FLORENCE CAMP LEJEUNE JACKSONVILLE, NC JACKSONVILLE, NC P1338 II MEF SIMULATION/TRAINING CENTER REPLACEMENT TELECOMMUNICATIONS - ENLARGED PLANS		
SCALE: AS NOTED		
EPROJCT NO.: 1590892		
CONSTR. CONTR. NO. N40085-20-C-0059		
NAVFAC DRAWING NO.		
SHEET OF		
<b>T-401</b>		

FILE NAME: BIM360/HF PACKAGE 3P1338.MEF\_S1M\_CTR-1590892-1.rvt  
 PLOTTED: 5/28/2021 10:03:00 AM

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PLOTTED: 5/28/2021 10:03:03 AM

FILE NAME: BIM 360/HF PACKAGE 3P1338.MEF SIM CTR-1590892.E-1



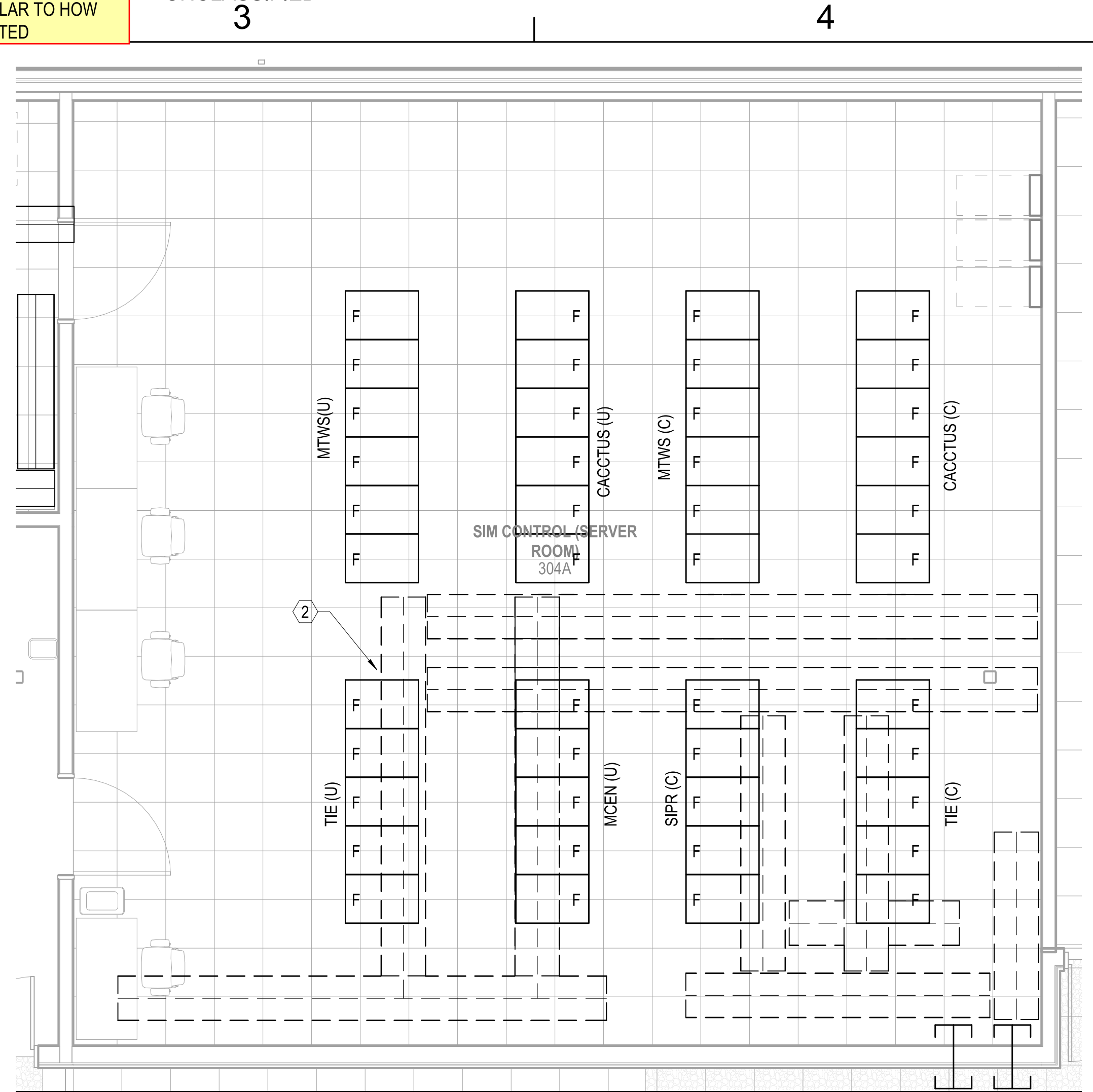
TELECOMMUNICATIONS - ENLARGED ROOM 304A

SCALE: 1/4" = 1'-0"

T-111 B1

BLUE SHADED FLOOR TILES INDICATE DESIGN LOCATIONS FOR PERFORATED FLOOR TILES AS PREVIOUSLY COORDINATED. NOW RACKS ARE NOT ALIGNED-FRONT WITH THE TILES. (NOT SURE IF THIS IS AN ISSUE - HAVING RACKS SIT ON TILES BUT I'VE NEVER SEEN IT THIS WAY AND IT HINDERS OPERATION OF THE TILE, ABILITY TO RELOCATE AND MOVE AROUND FLOOR TILES, ETC.)

SHOW CRAC UNIT LOCATIONS FOR COORDINATION - SIMILAR TO HOW FURNITURE IS INDICATED



TELECOMMUNICATIONS - ENLARGED ROOM 304A UNDERFLOOR

SCALE: 1/4" = 1'-0"

B3

UNCLASSIFIED

UNCLASSIFIED

GENERAL NOTES

- 1 SEE SHEET T-001 FOR TELECOMMUNICATIONS NOTES, SYMBOLS, AND ABBREVIATIONS.

KEYNOTES

- 1 18" x 4" WIRE BASKET STYLE CABLE TRAY MOUNTED ABOVE CABINET, WITH RADIUS SPILLOUTS INTO CABINET
- 2 22" x 6" WIRE BASKET STYLE CABLE TRAY MOUNTED UNDER RASIED ACCESS FLOOR, SECURED TO PEDSTALS PER MANUFACTURER'S RECOMMENDATIONS

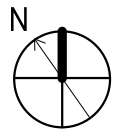
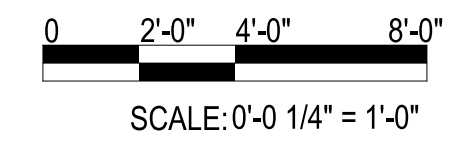


FOR COMMANDER NAVFAC  
ACTIVITY  
MARINE CORPS BASE  
CAMP LEJEUNE

SATISFACTORY TO DATE  
DES DRW CHK  
PM  
BRANCH MANAGER  
CHIEF ENGINEER  
FIRE PROTECTION

DEPARTMENT OF THE NAVY  
NAVAL FACILITIES ENGINEERING COMMAND  
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC  
ROICC FLORENCE CAMP LEJEUNE  
JACKSONVILLE, NC  
JACKSONVILLE, NC  
P1338 II MEF SIMULATION/TRAINING CENTER  
REPLACEMENT  
TELECOMMUNICATIONS - ENLARGED PLANS

SCALE: AS NOTED  
EPROJECT NO.: 1590892  
CONSTR. CONTR. NO.  
N40085-20-C-0059  
NAVFAC DRAWING NO.  
SHEET OF  
T-402



SCALE: 0'-0 1/4" = 1'-0"

DP2 SUBMISSION - P1338 BUILDING -PRE-FINAL SUBMISSION

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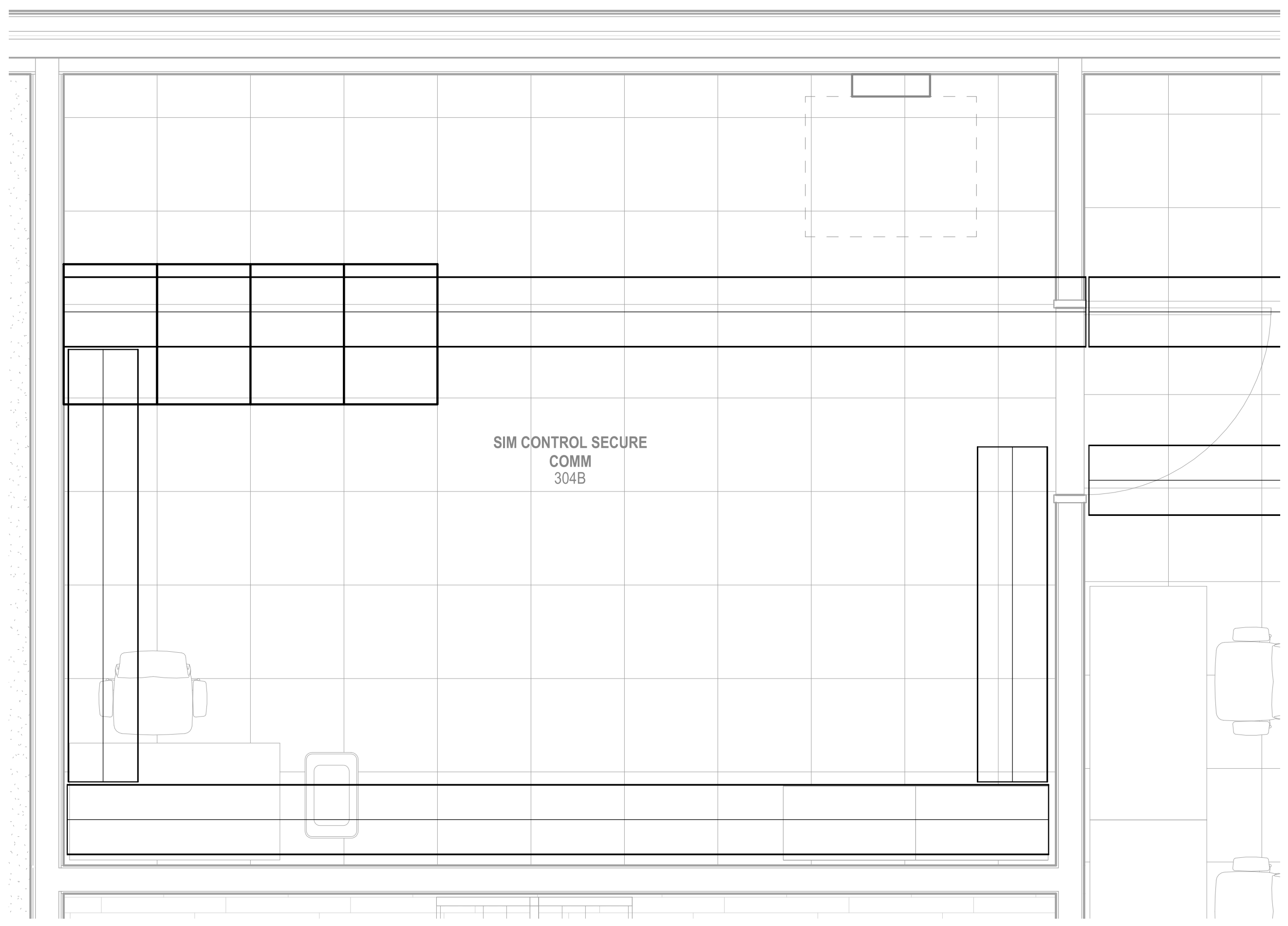
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GENERAL NOTES

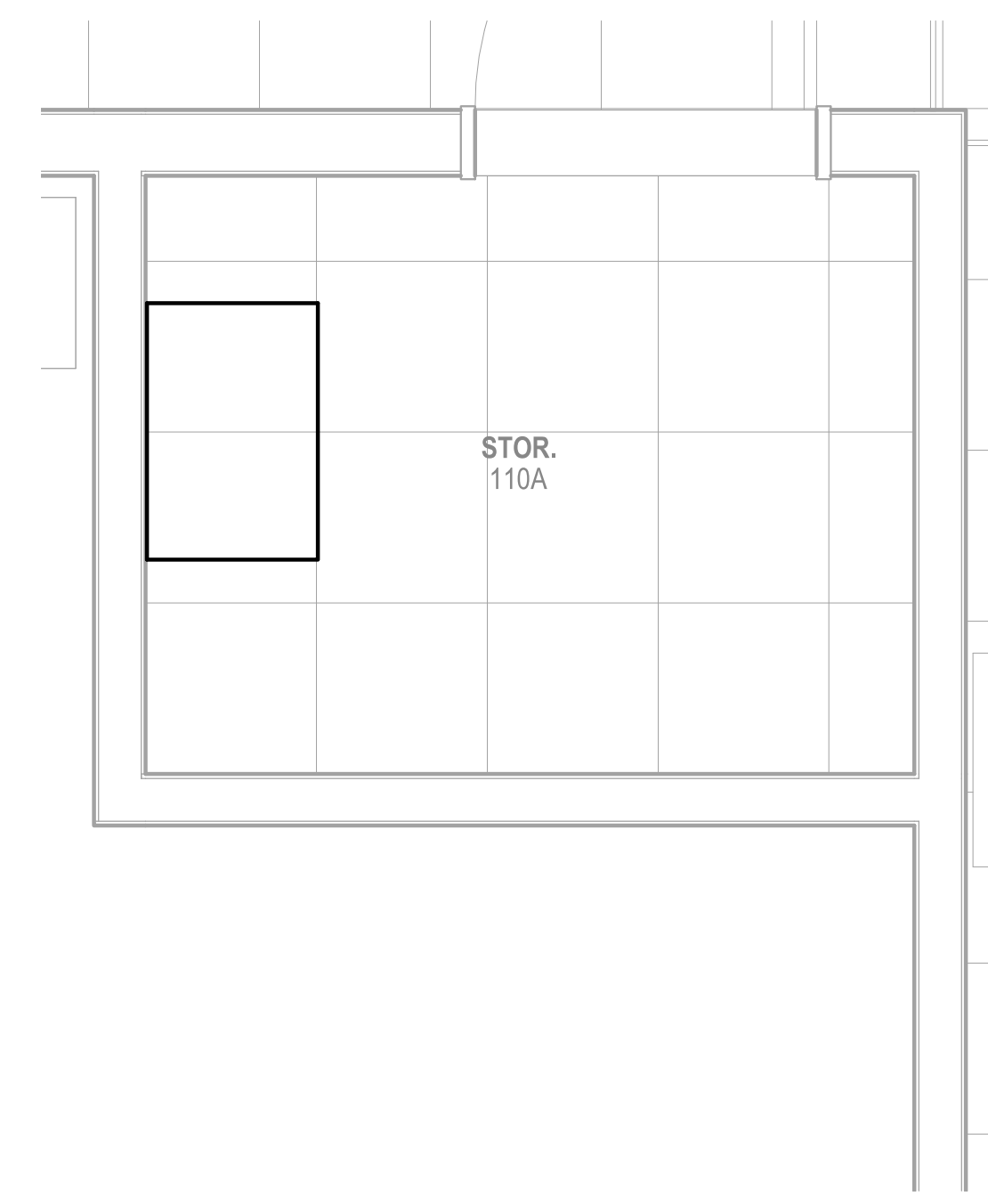
1 SEE SHEET T-001 FOR TELECOMMUNICATIONS NOTES, SYMBOLS, AND ABBREVIATIONS.



TELECOMMUNICATIONS - ENLARGED ROOM 304B

SCALE: 1/2" = 1'-0"

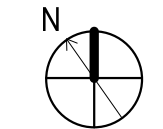
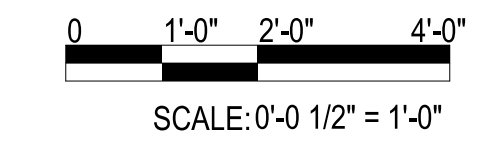
T-111 B1







TELECOMMUNICATIONS - ENLARGED ROOM 110A

SCALE: 1/2" = 1'-0"

T-111 B3



SCALE: 0'-0 1/2" = 1'-0"

APPR	
DATE	
DESCRIPTION	
SYM	
	
	
	
	
100 AIRSIDE DRIVE MOON TOWNSHIP, PA 15108 A/E INF/GR	
APPROVED	
FOR COMMANDER NAVFAC	
ACTIVITY	
MARINE CORPS BASE CAMP LEJEUNE	
SATISFACTORY TO DATE	
DES	CHK
DRW	
PM	
BRANCH MANAGER	
CHIEF ENGINEER	
FIRE PROTECTION	
NAVAL FACILITIES ENGINEERING COMMAND JACKSONVILLE, NC	
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC ROICC FLORENCE CAMP LEJEUNE MCB CAMP LEJEUNE JACKSONVILLE, NC P1338 II MEF SIMULATION/TRAINING CENTER REPLACEMENT TELECOMMUNICATIONS - ENLARGED PLANS	
SCALE: AS NOTED	
EPROJCT NO.: 1590892	
CONSTR. CONTR. NO. N40085-20-C-0059	
NAVFAC DRAWING NO.	
SHEET	OF
<b>T-403</b>	

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DP2 SUBMISSION - P1338 BUILDING - PRE-FINAL SUBMISSION

PLOTTED: 5/28/2021 10:03:06 AM

FILE NAME: BIM360/HF PACKAGE 3P1338.MEF SIM CTR-1590892-E.rvt

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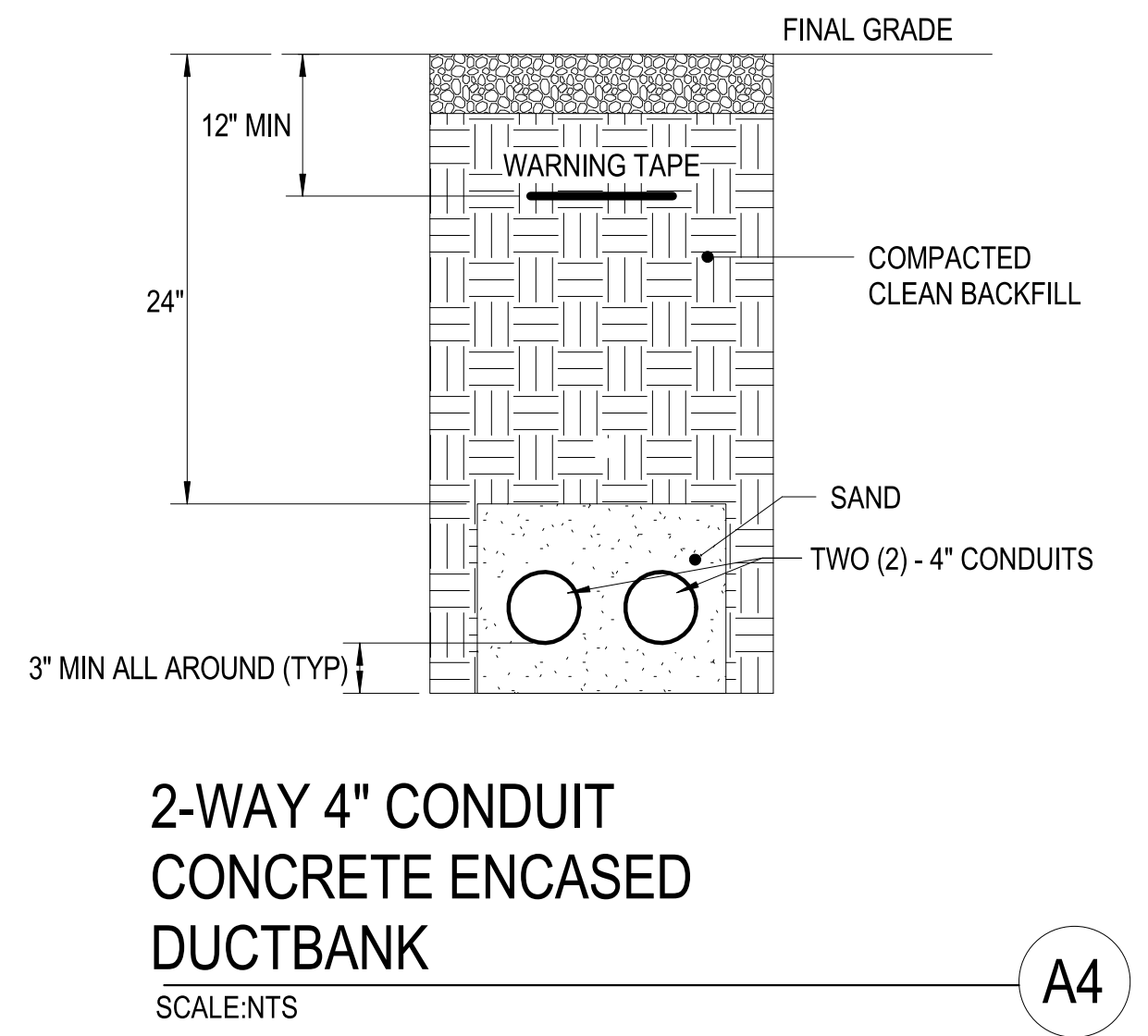
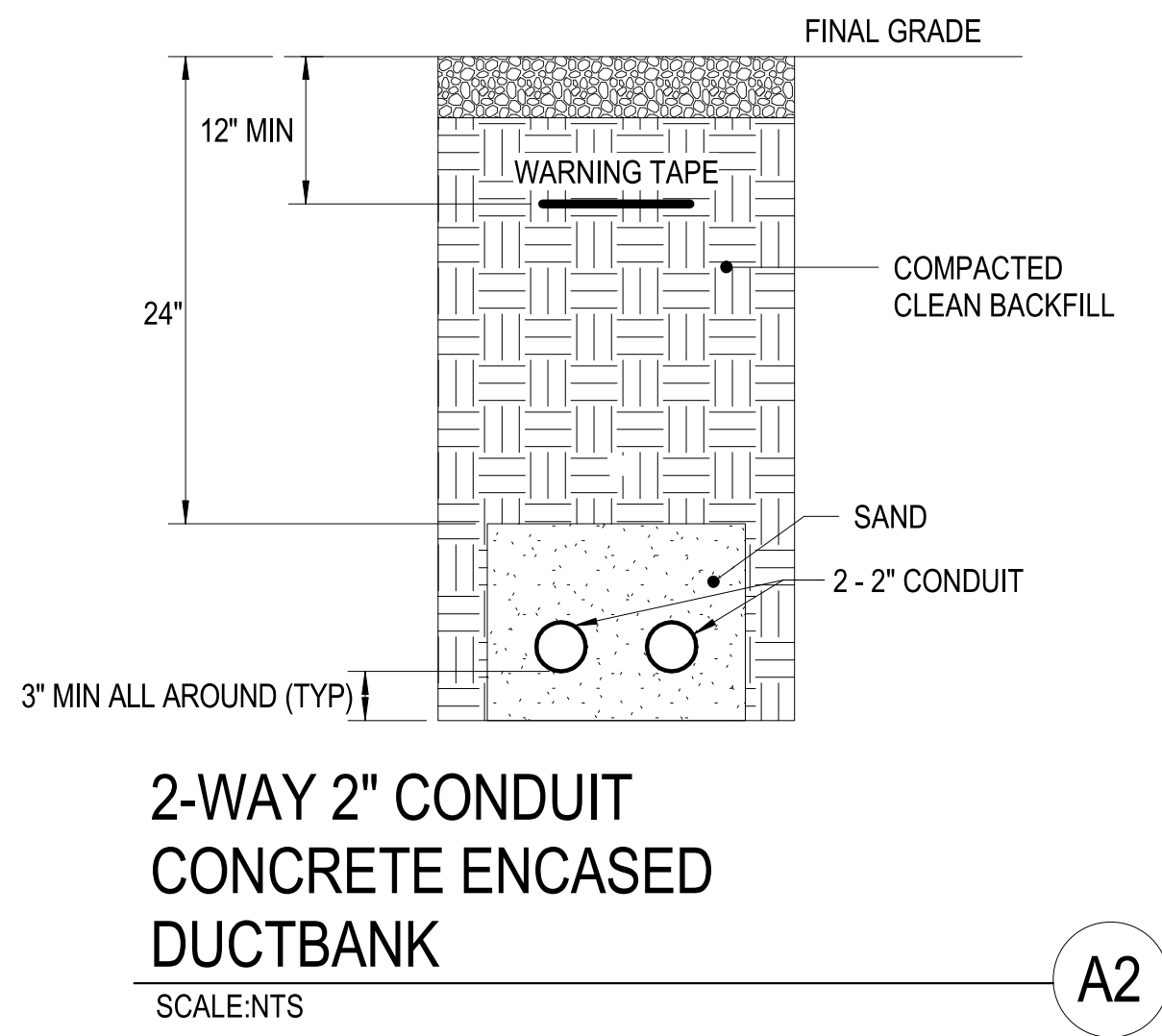
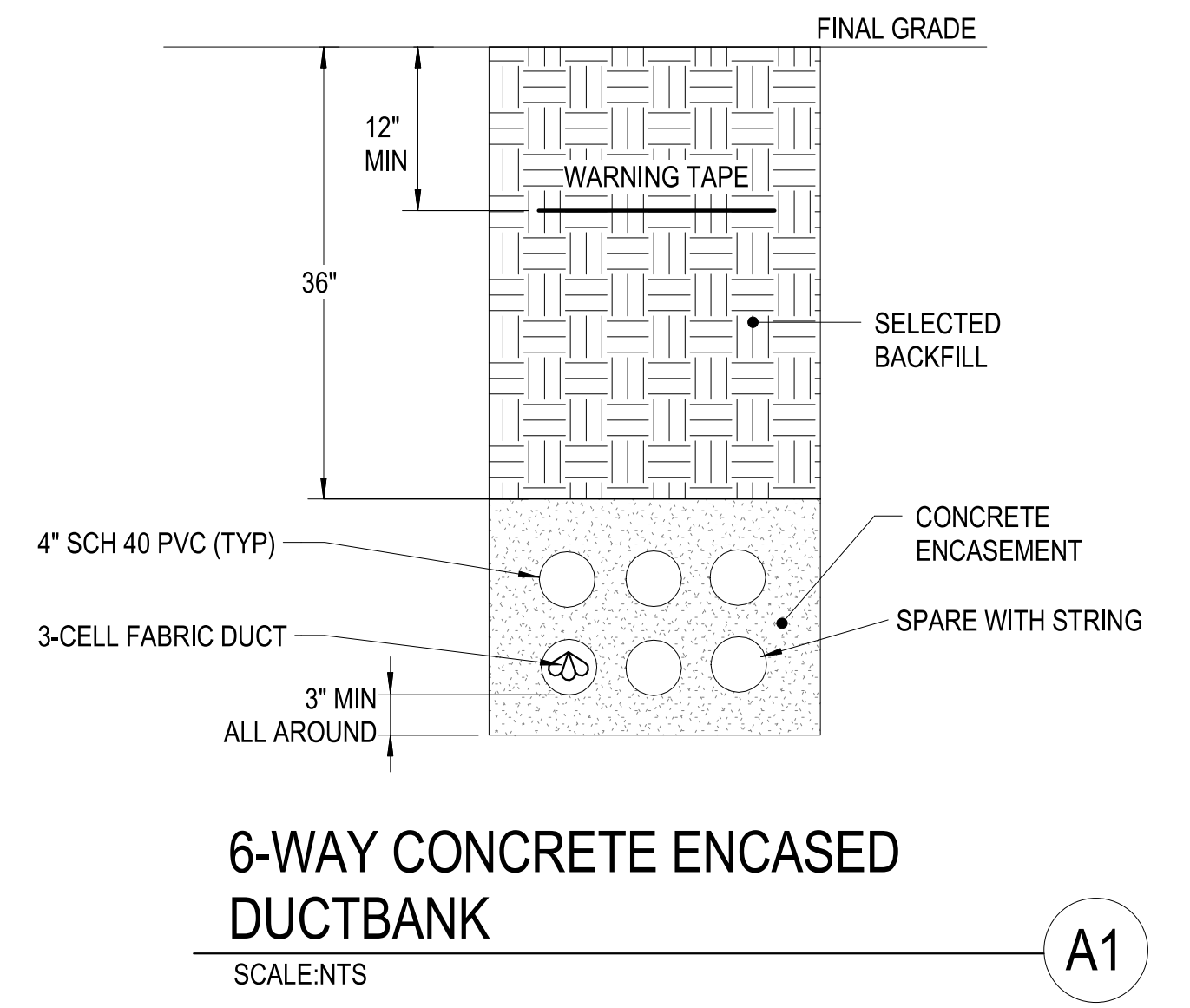
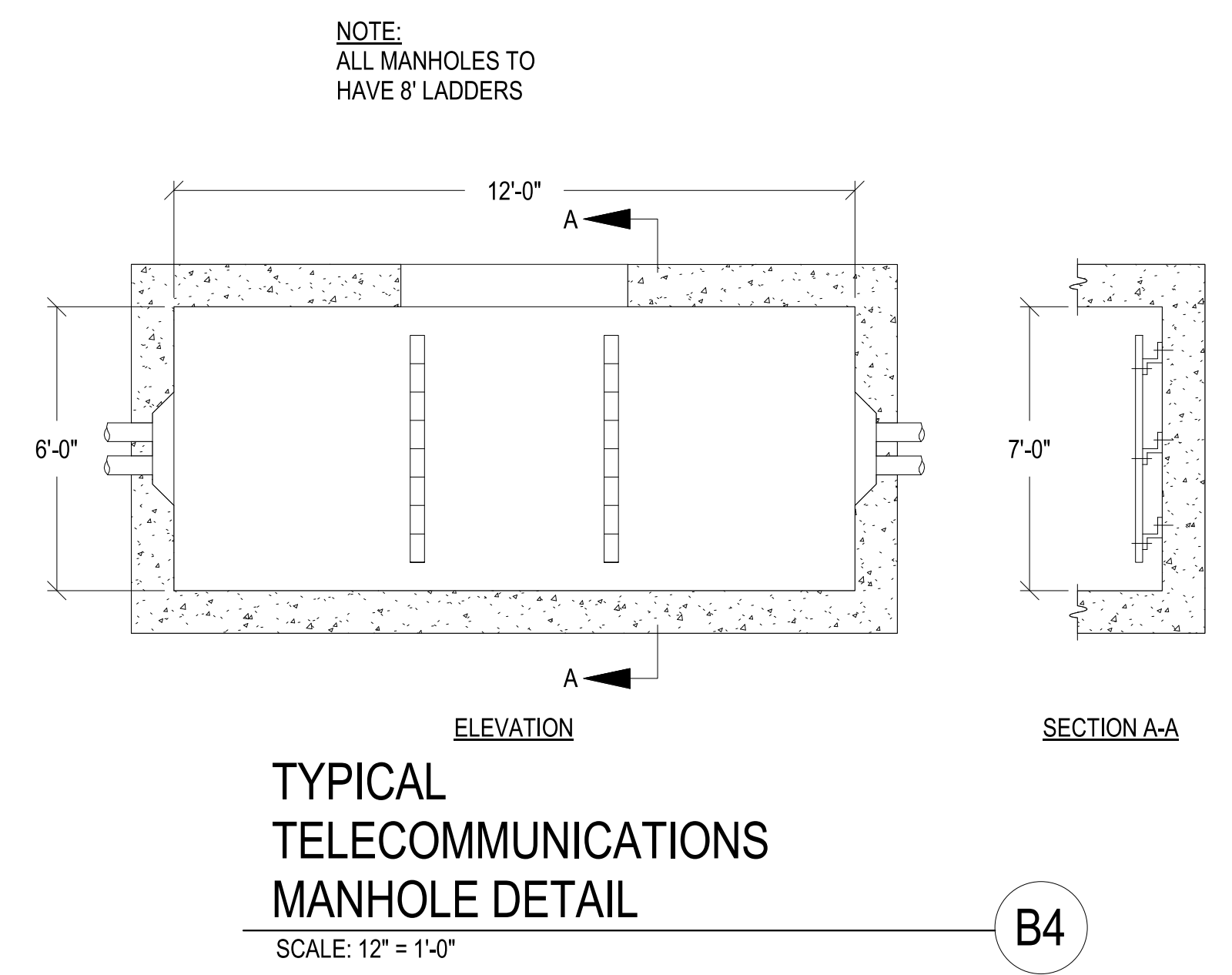
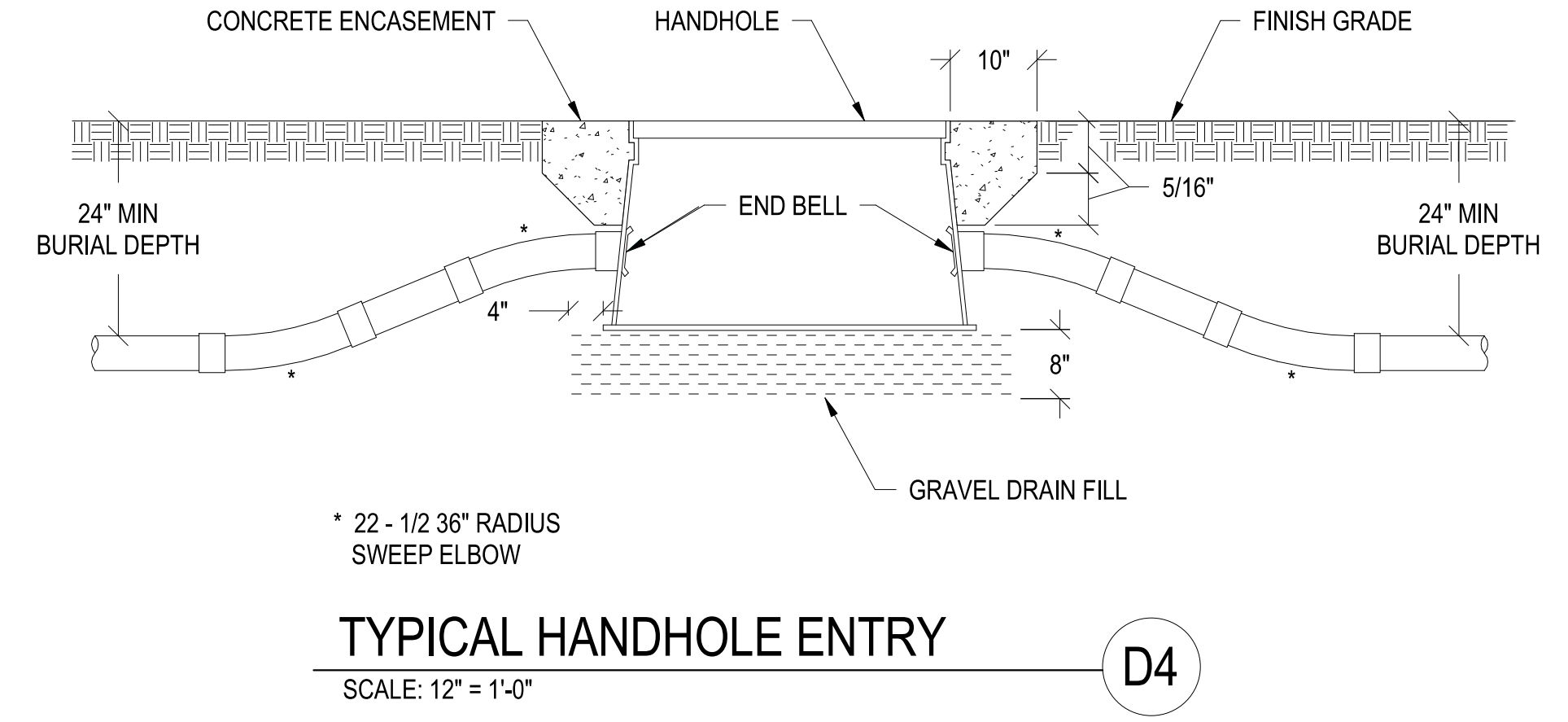
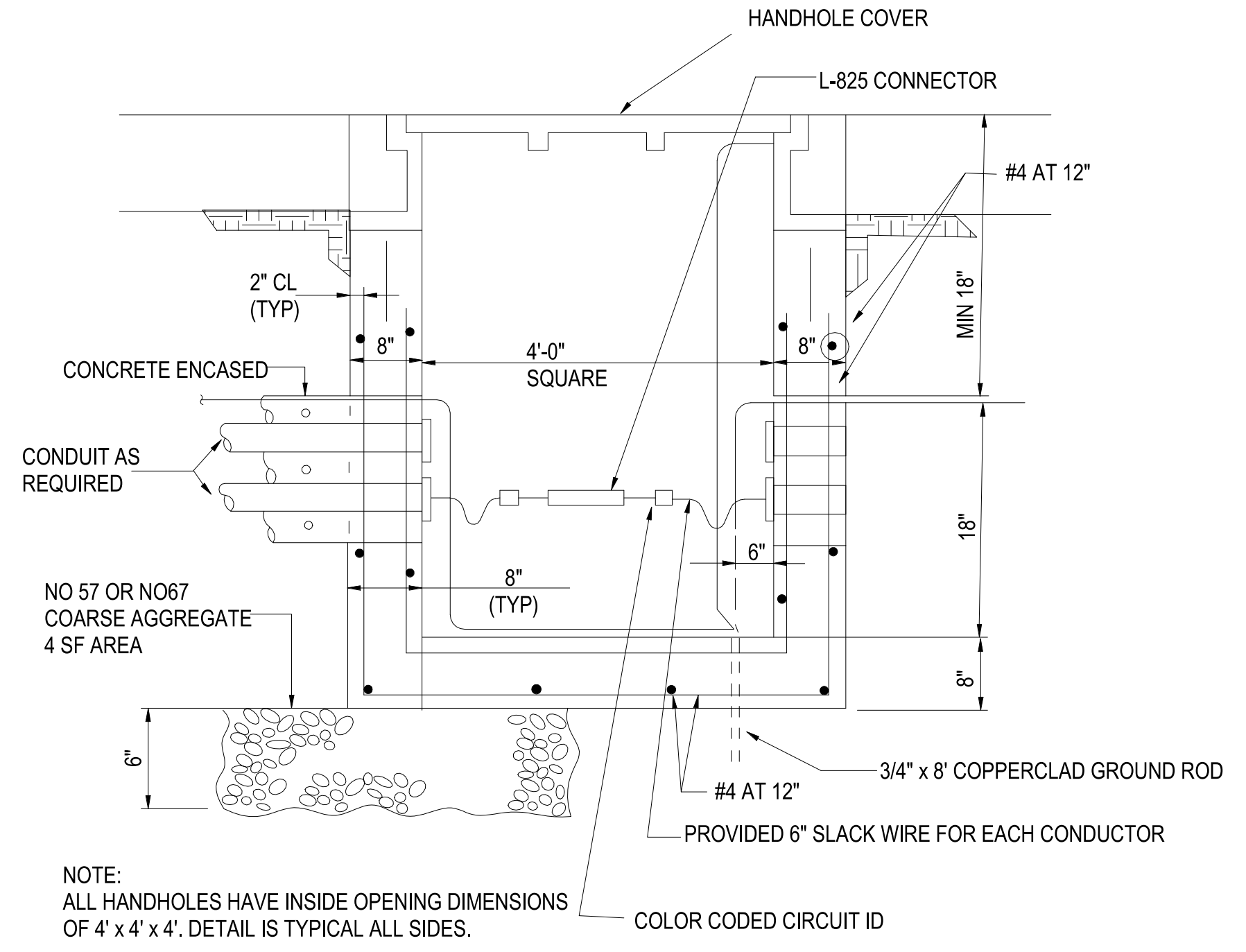
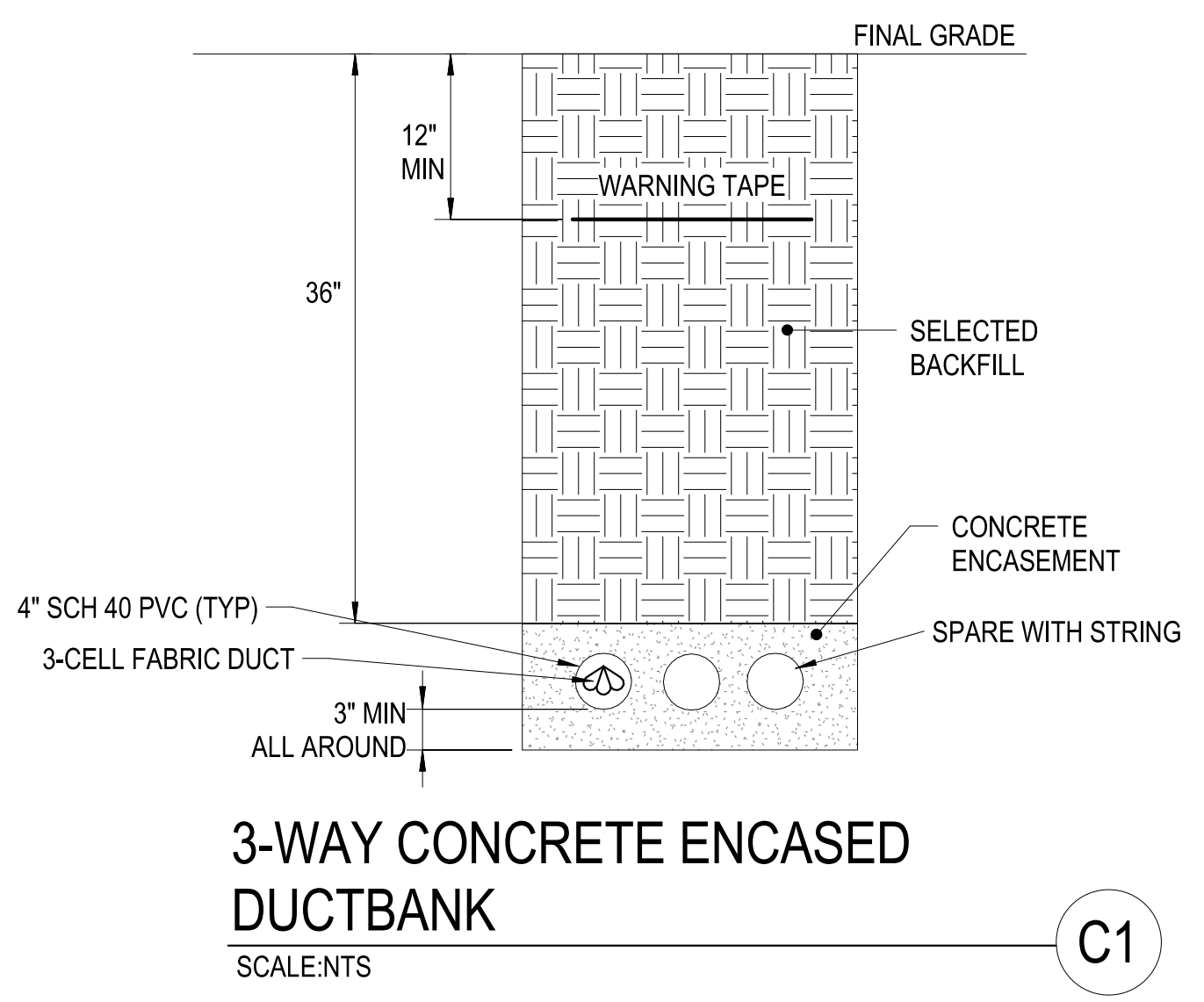
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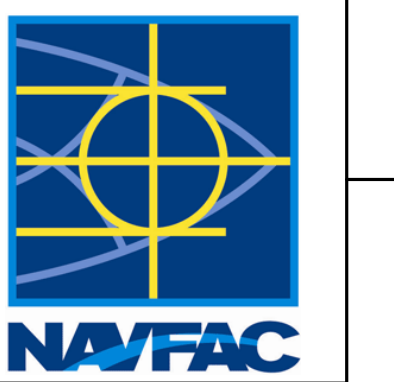
B

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UNCLASSIFIED



SYMBOL	DESCRIPTION	DATE	APPROVED



**PRELIMINARY**  
NOT FOR CONSTRUCTION

**RQ**  
RQC CONSTRUCTION  
1620 Faraday Avenue  
Carlsbad, CA 92008

**Michael Baker INTERNATIONAL**  
100 AIRSIDE DRIVE  
MOON TOWNSHIP, PA 15108

FOR COMMANDER NAVFAC	
ACTIVITY	MARINE CORPS BASE CAMP LEJEUNE
SATISFACTORY TO DATE	DD/MM/YY
DES JTE	DRW ETH   CHK JMG
PM	XXX
BRANCH MANAGER	XXX
CHIEF ENGINEER	XXX

DEPARTMENT OF THE NAVY  
NAVAL FACILITIES ENGINEERING COMMAND  
NAVAL FACILITIES ENGINEERING COMMAND MIDLAND  
NAVAL STATION - NORFOLK, VA  
JACKSONVILLE, NC  
MCB CAMP LEJEUNE  
P1338 II MEF SIMULATION/TRAINING CENTER REPLACEMENT  
TELECOMMUNICATIONS - DETAILS

SCALE:	AS NOTED
EPROJCT NO.:	1611501
CONSTR. CONTR. NO.:	N40085-20-C-0145
NAVFAC DRAWING NO.:	
SHEET	OF

T-501

FILE NAME: BIM\_360/HF PACKAGE\_3P1338\_MEF\_SIM\_CTR-450085-E-V1

PLOTTED: 5/28/2021 10:03:07 AM

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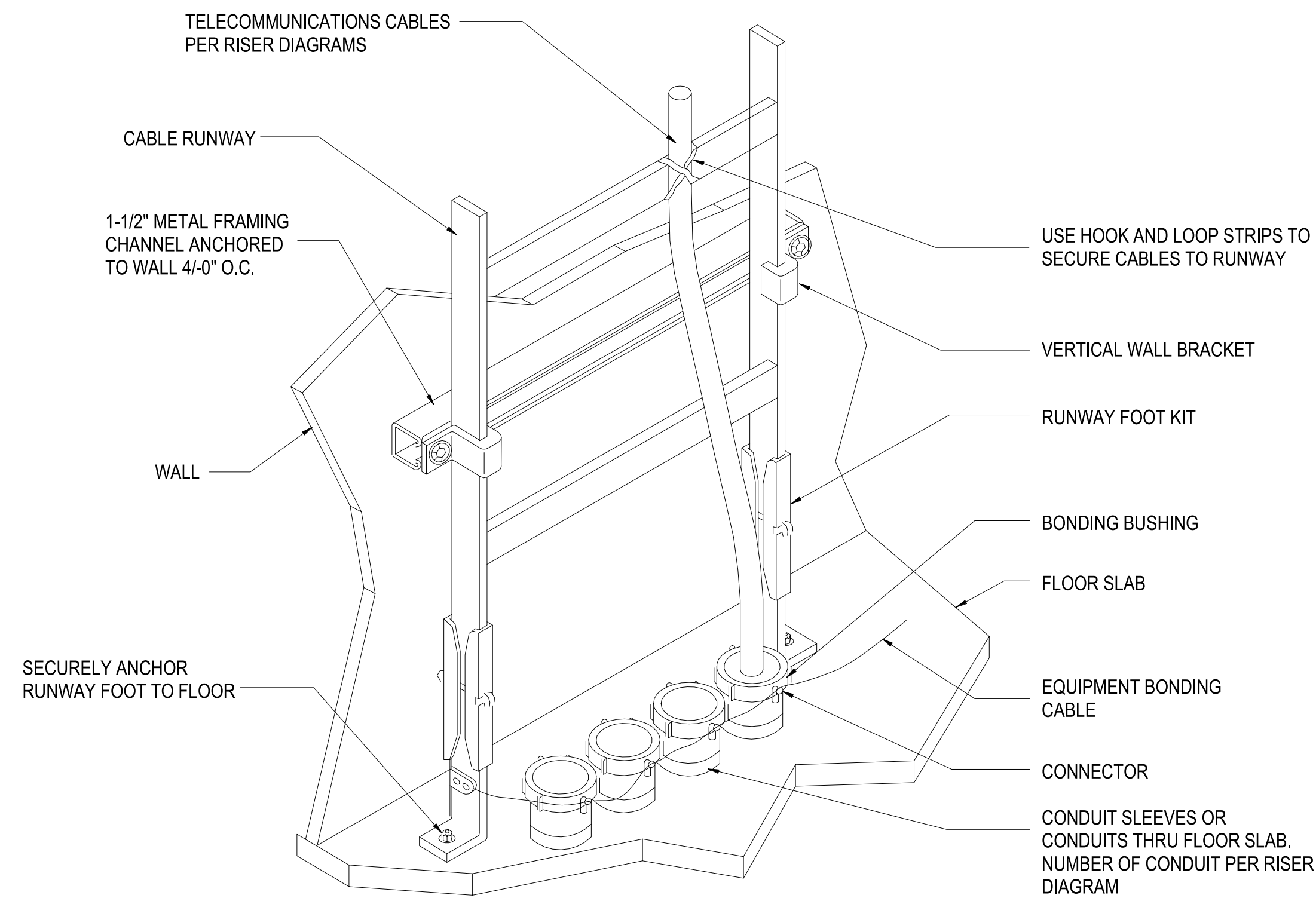
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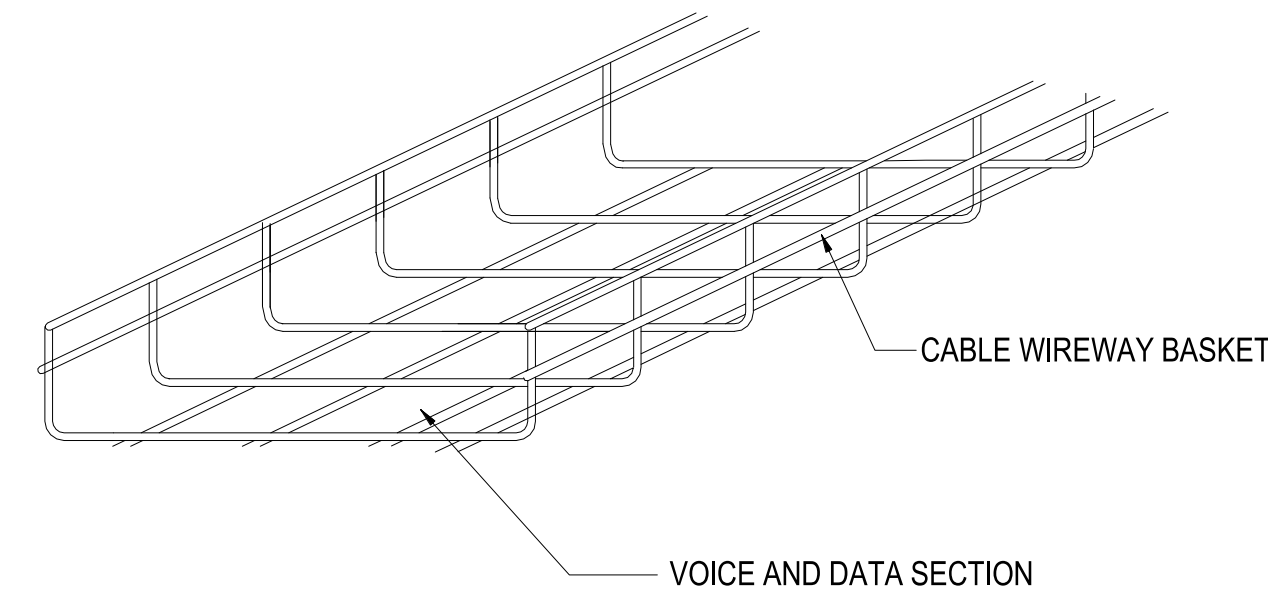
A



CABLE - VERTICAL RUNWAY MOUNTING

SCALE:NTS

C1



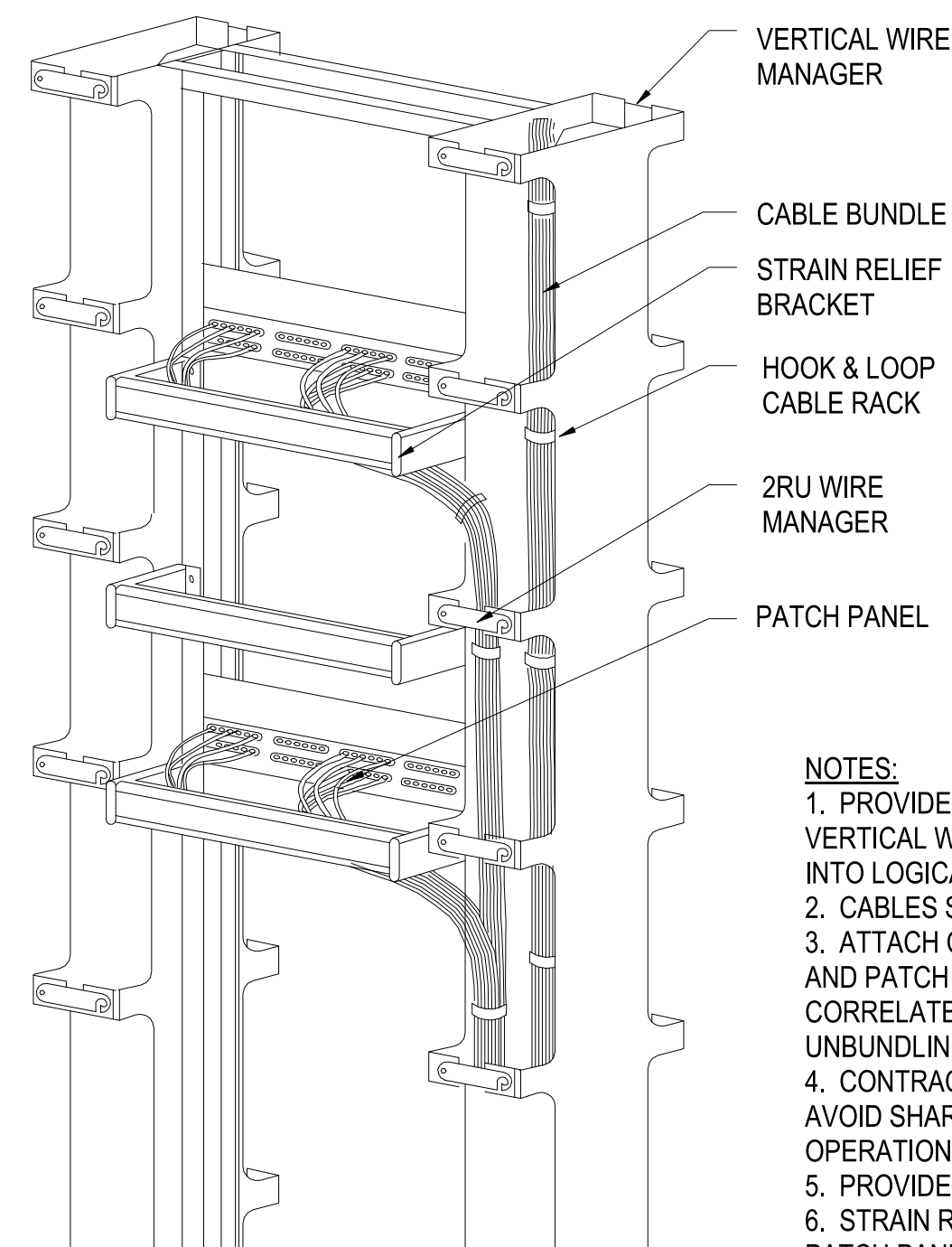
NOTES:

1. PRIMARY PATHWAY CABLE SUPPORTS ARE TO BE USED AS NECESSARY FOR CABLES TO COMPLY WITH THE EIA/TIA REQUIREMENTS FOR CABLE SUPPORT. OTHER ALTERNATIVES MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO INSTALLATION.
2. CABLE WIREWAYS SHALL BE MOUNTED ABOVE ACOUSTICAL TILE CEILING IN CORRIDORS. CABLE WIREWAY SHALL BE SUPPORTED WITH UNISTRUT AND THREADED RODS IN A TRAPEZE CONFIGURATION. THREADED RODS SHALL BE SECURELY FASTENED TO STRUCTURE ABOVE. SUPPORT CABLE WIREWAY AT INTERVALS AS REQUIRED AND RECOMMENDED BY THE CABLE WIREWAY MANUFACTURER BASED ON MAXIMUM CAPACITY OF CABLES IN WIREWAY.
3. REFER TO MANUFACTURER'S RECOMMENDATIONS FOR MAX LOADING, APPLICATION REQUIREMENTS, AND SECURING TO STRUCTURE.
4. ALL CABLE SUPPORTS SHALL BE SPECIFICALLY MANUFACTURED TO SUPPORT HIGH SPEED COMMUNICATIONS CABLES.

CABLE - WIRE BASKET (PRIMARY PATHWAY)

SCALE:NTS

C3



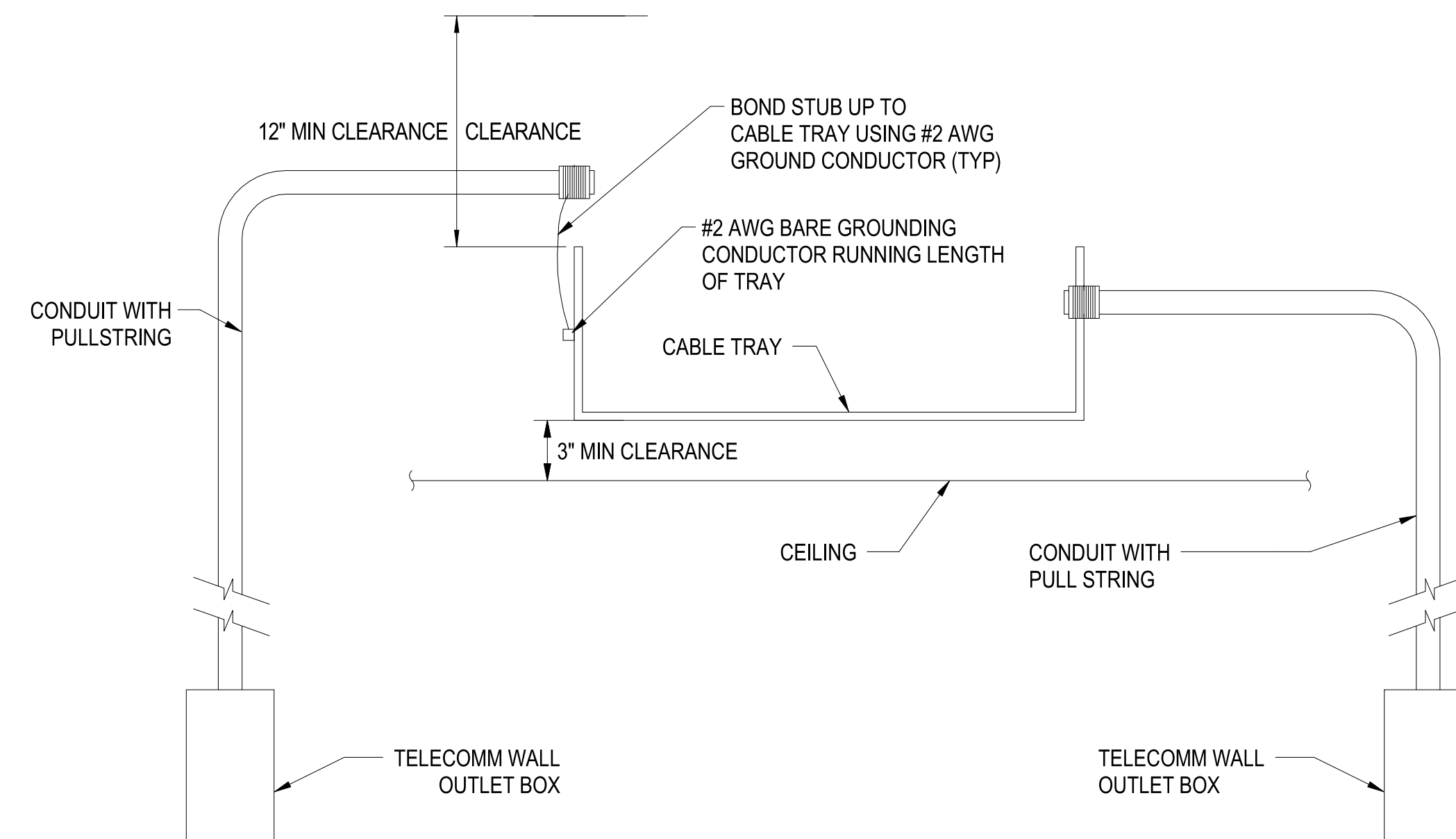
CABLE STRAIN RELIEF DETAIL

SCALE:NTS

A1

NOTES:

1. PROVIDE CABLE WRAPS ON MINIMUM 12" CENTERS IN VERTICAL WIRE MANAGERS. CABLES SHALL BE BUNDLED INTO LOGICAL GROUPS.
2. CABLES SHALL BE SECURED TO STRAIN RELIEF BRACKET
3. ATTACH CABLE LABEL BETWEEN STRAIN RELIEF BRACKET AND PATCH PANEL SO THE LABEL CAN BE READ AND CORRELATED TO PATCH PANEL PORT WITHOUT UNBUNDLING ADJACENT CABLES.
4. CONTRACTOR SHALL ROUTE ALL CABLE BUNDLES TO AVOID SHARP BENDS, AND PINCH POINTS AND ALLOW LATCH OPERATION ON VERTICAL WIRE MANAGER.
5. PROVIDE PROPER QUANTITY OF PATCH PANELS.
6. STRAIN RELIEF BRACKET SHALL BE A MINIMUM OF 6" BEHIND PATCH PANEL.



BASKET CABLE TRAY TO OUTLET CONDUIT TRANSITION

SCALE:NTS

A3

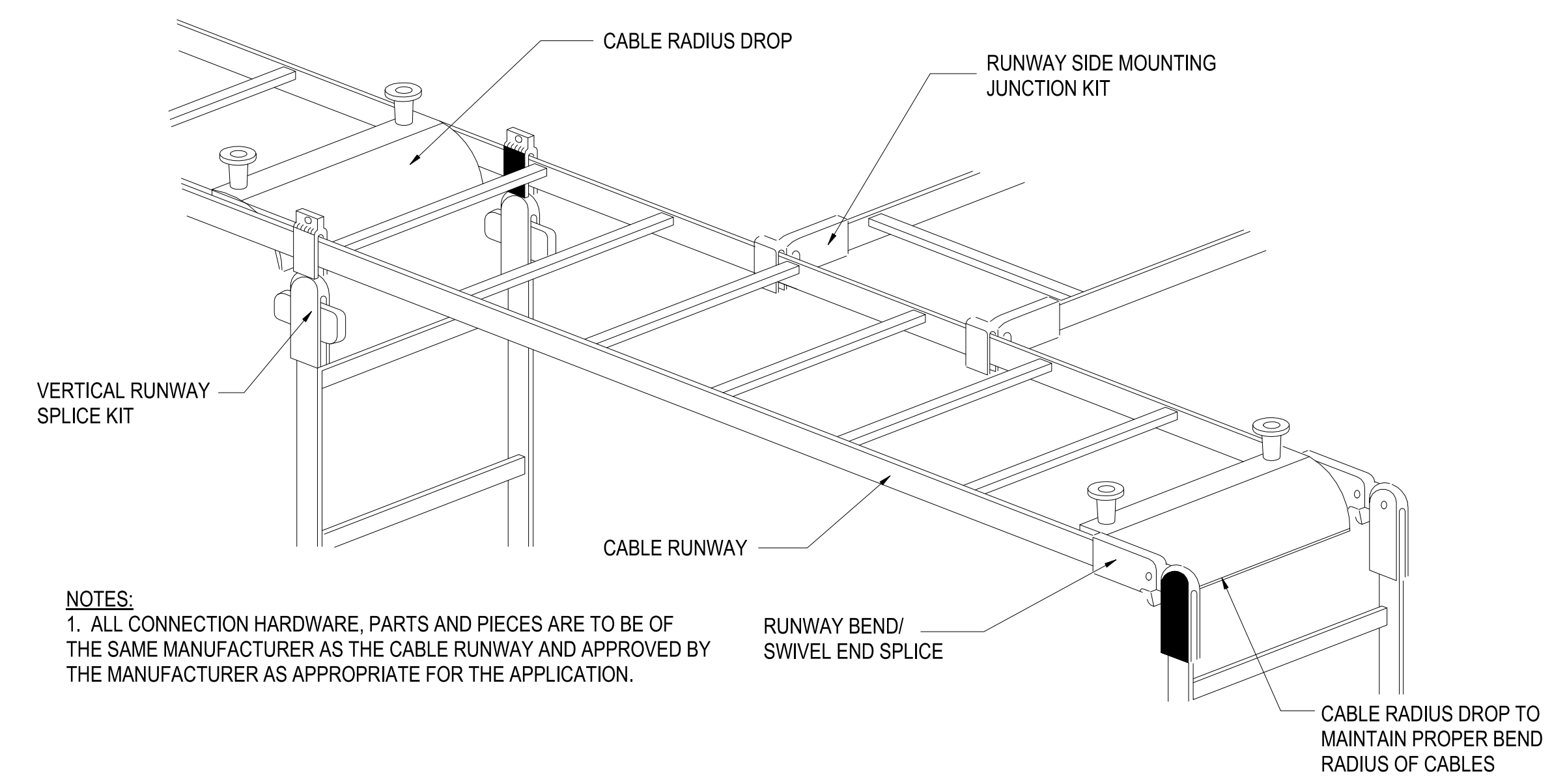
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FILE NAME: BIM\_360/HF PACKAGE 3P1338.MEF\_SIM CTR-1500802-1.rvt

APPR	DATE
SYM	DESCRIPTION
100 AIRSIDE DRIVE MOON TOWNSHIP, PA 15108 APPROVED	
FOR COMMANDER NAVFAC ACTIVITY <b>MARINE CORPS BASE          CAMP LEJEUNE</b>	
SATISFACTORY TO DATE DES _____ DRW _____ CHK _____ PM _____ BRANCH MANAGER _____ CHIEF ENGINEER _____ FIRE PROTECTION _____	
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC ROIC FLORENCE CAMP LEJEUNE JACKSONVILLE, NC <b>P1338 II MEF SIMULATION/TRAINING CENTER          REPLACEMENT</b> TELECOMMUNICATIONS - DETAILS	
SCALE: AS NOTED EPROJECT NO.: 1500802 CONSTR. CONTR. NO.: N40085-20-C-0059 NAVFAC DRAWING NO.: SHEET _____ OF _____	
<b>T-502</b>	

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DP2 SUBMISSION - P1338 BUILDING - PRE-FINAL SUBMISSION

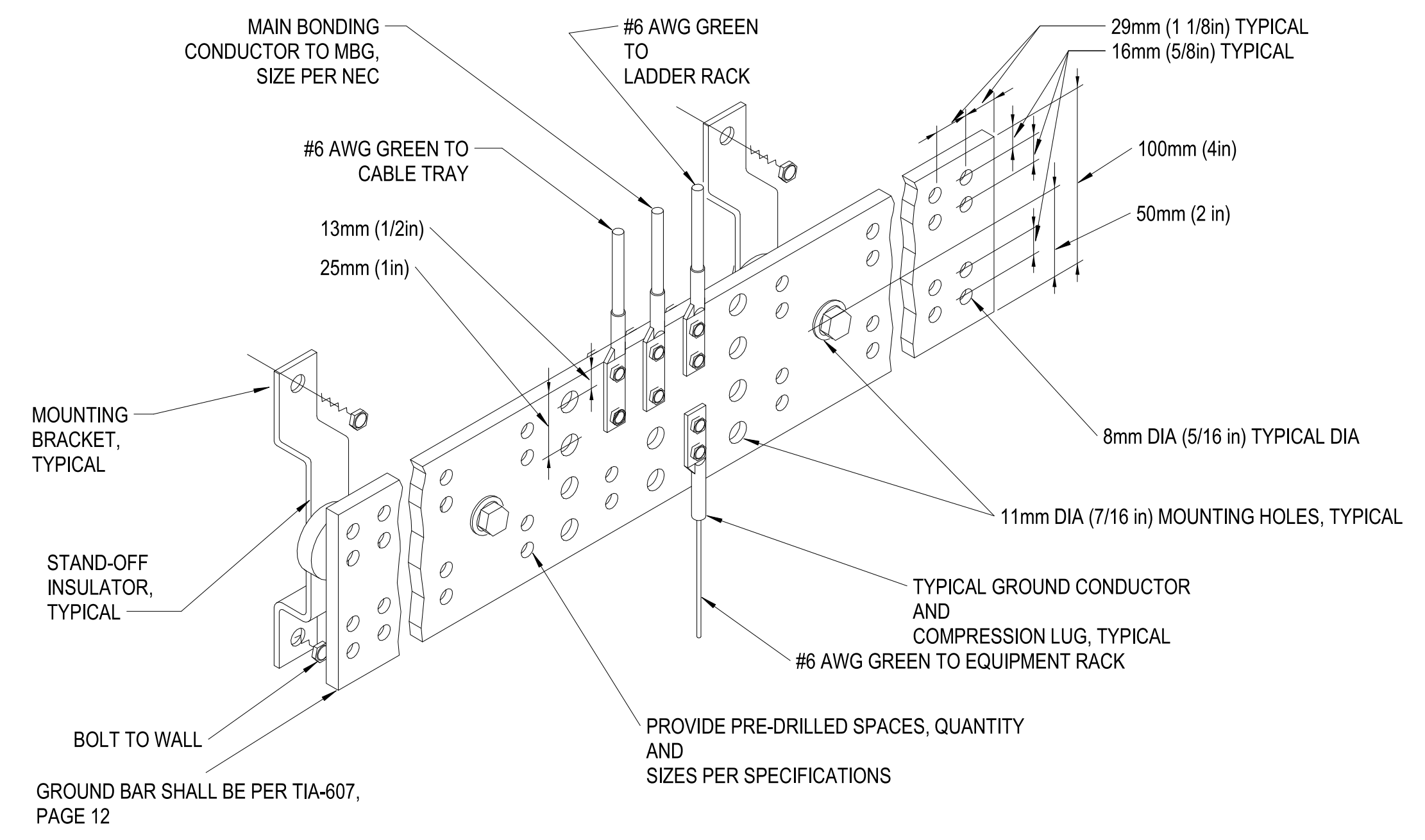


NOTES:  
1. ALL CONNECTION HARDWARE, PARTS AND PIECES ARE TO BE OF THE SAME MANUFACTURER AS THE CABLE RUNWAY AND APPROVED BY THE MANUFACTURER AS APPROPRIATE FOR THE APPLICATION.

**TYPICAL RUNWAY CONNECTIONS DETAIL**

SCALE:NTS

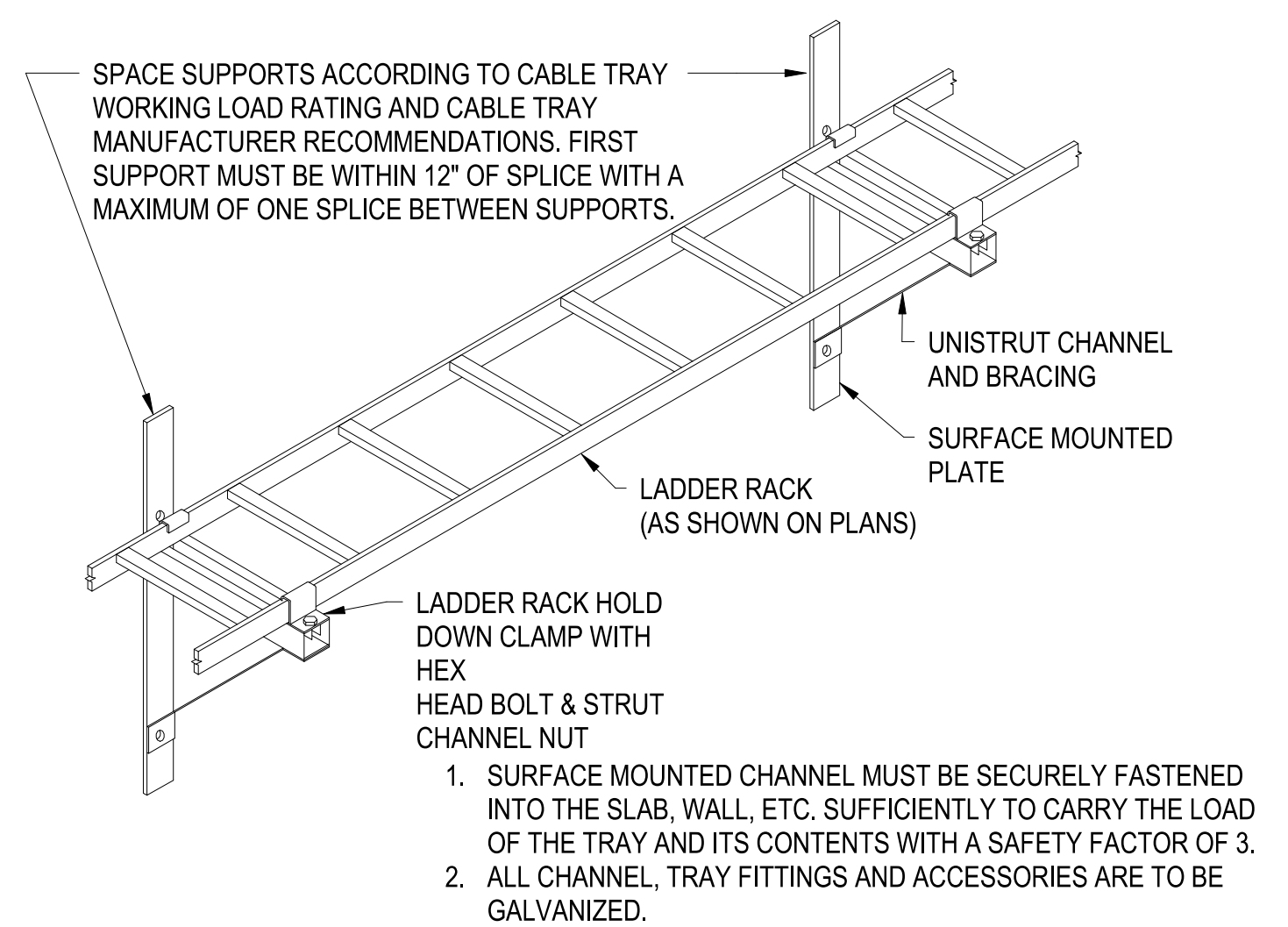
C1



**TELECOMMUNICATIONS PRIMARY BUSBAR (PBB) AND SECONDARY (SBB)**

SCALE:NTS

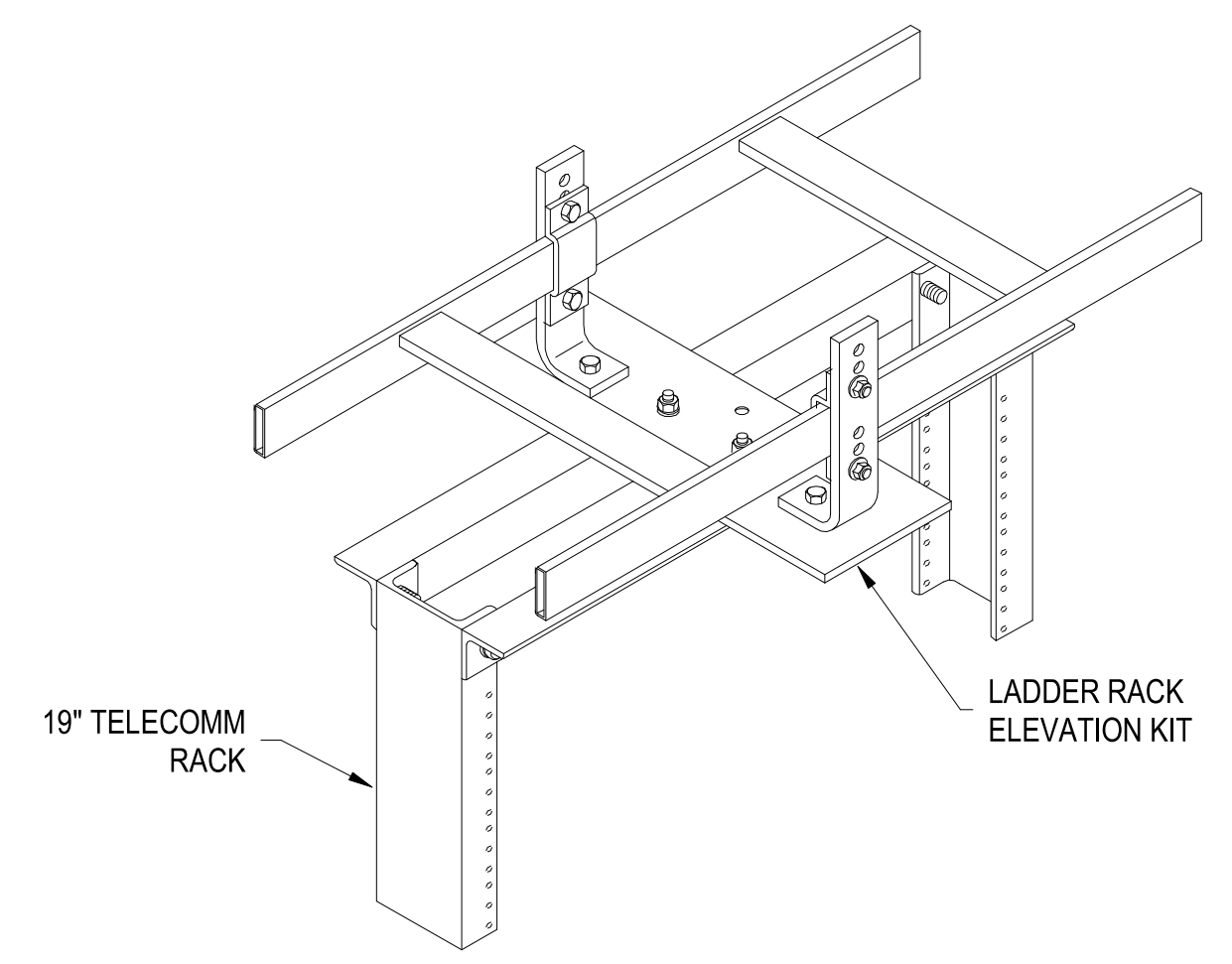
C3



**LADDER TYPE CABLE RUNWAY WALL MOUNTING DETAIL**

SCALE:NTS

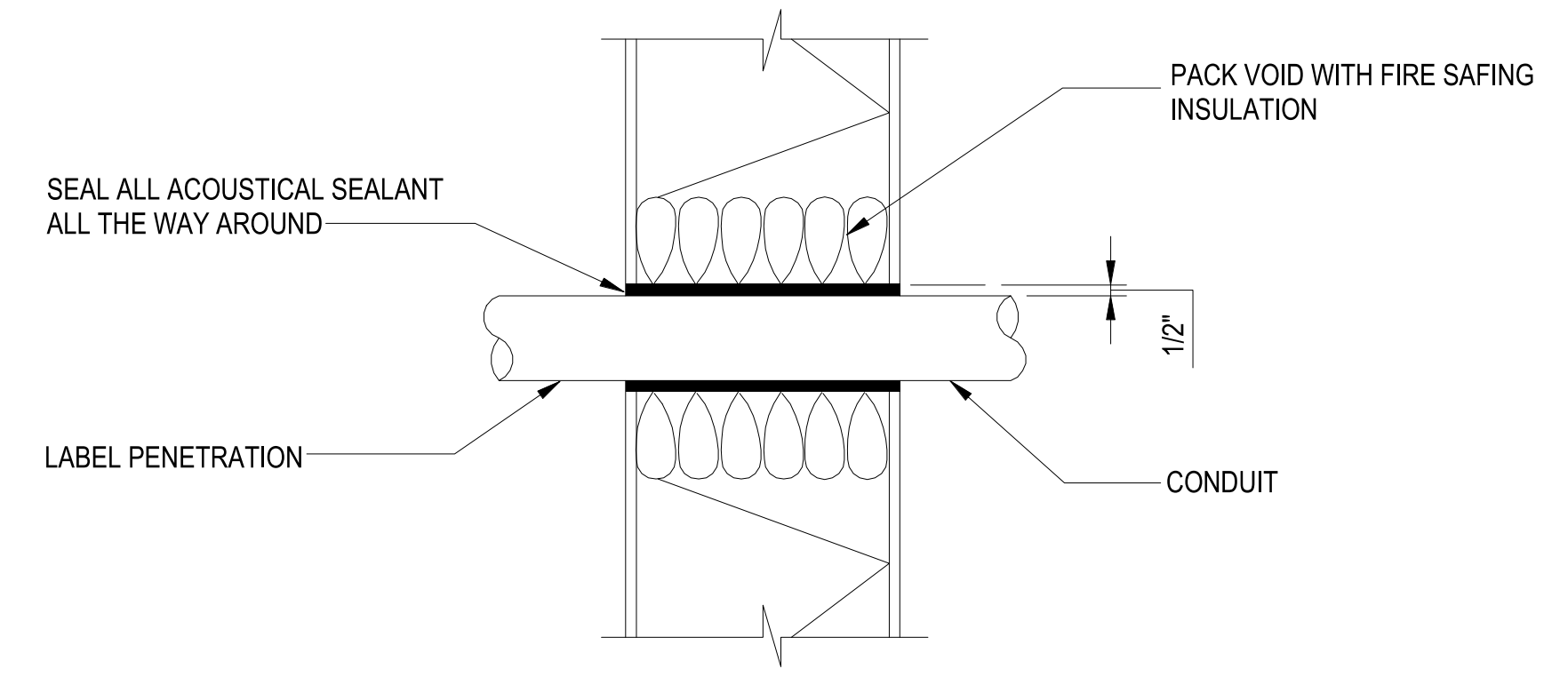
A1



**LADDER TYPE CABLE RUNWAY RACK MOUNTING**

SCALE:NTS

A3



**TYPICAL THROUGH WALL CONDUIT PENETRATION**

SCALE:NTS

A4

PLOTTED: 5/28/2021 10:03:09 AM

FILE NAME: BIM\_360/HF PACKAGE 3P1338.MEF SIM CTR-1590892.E41

APPR	
DATE	
SYN	DESCRIPTION
<b>Michael Baker INTERNATIONAL</b> 100 AIRSIDE DRIVE MOON TOWNSHIP, PA 15108 APPROVED	
FOR COMMANDER NAVFAC	
ACTIVITY	
MARINE CORPS BASE CAMP LEJEUNE	
SATISFACTORY TO DATE	
DES	DRW
PM	CHK
BRANCH MANAGER	
CHIEF ENGINEER	
FIRE PROTECTION	
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC JACKSONVILLE, NC MCB CAMP LEJEUNE JACKSONVILLE, NC P1338 II MEF SIMULATION/TRAINING CENTER REPLACEMENT TELECOMMUNICATIONS - DETAILS	
SCALE:	AS NOTED
EPROJECT NO.:	1590892
CONSTR. CONTR. NO.:	N40085-20-C-0059
NAVFAC DRAWING NO.:	
SHEET	OF
<b>T-503</b>	

UNCLASSIFIED

DP2 SUBMISSION - P1338 BUILDING - PRE-FINAL SUBMISSION



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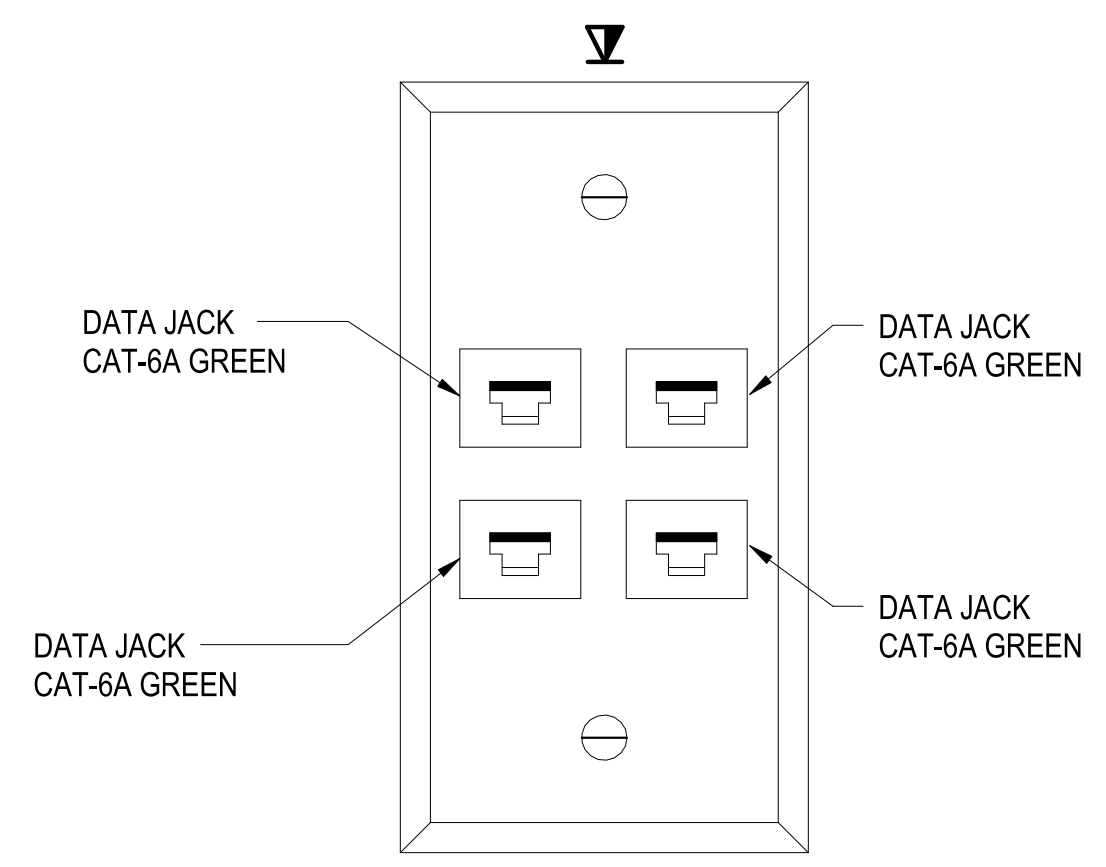
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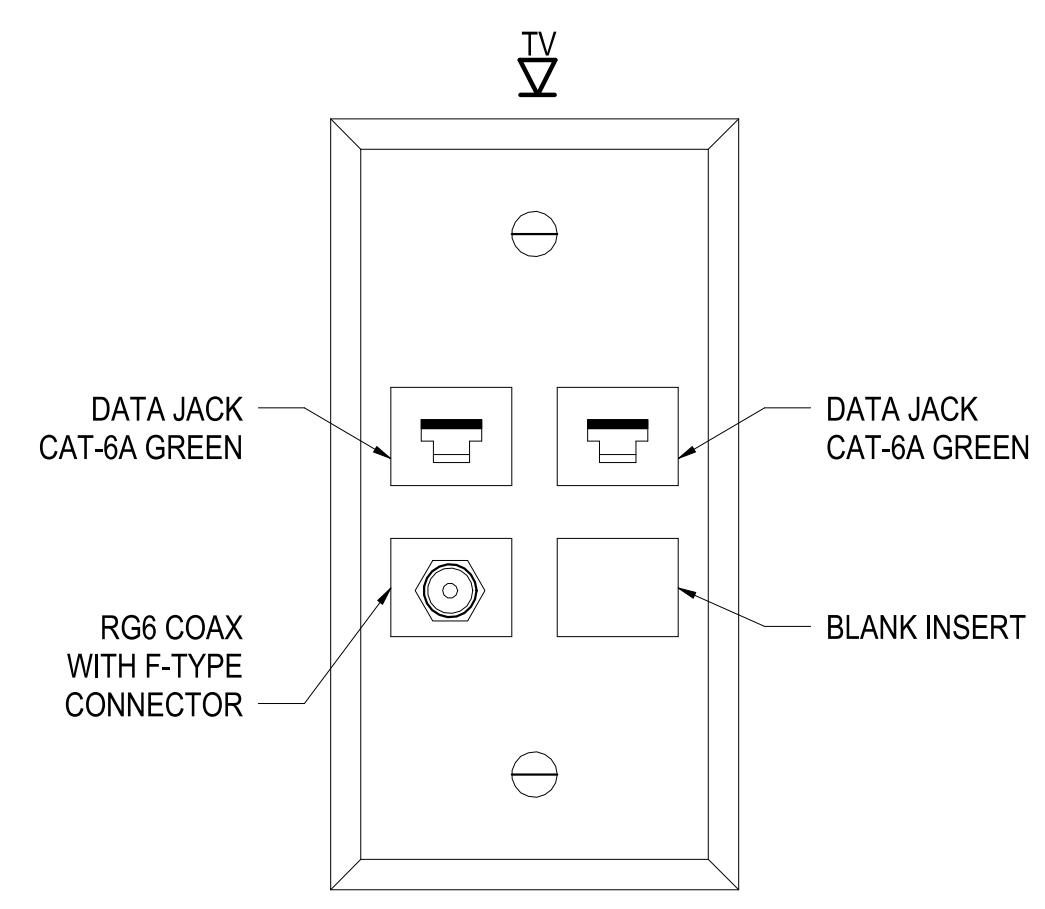
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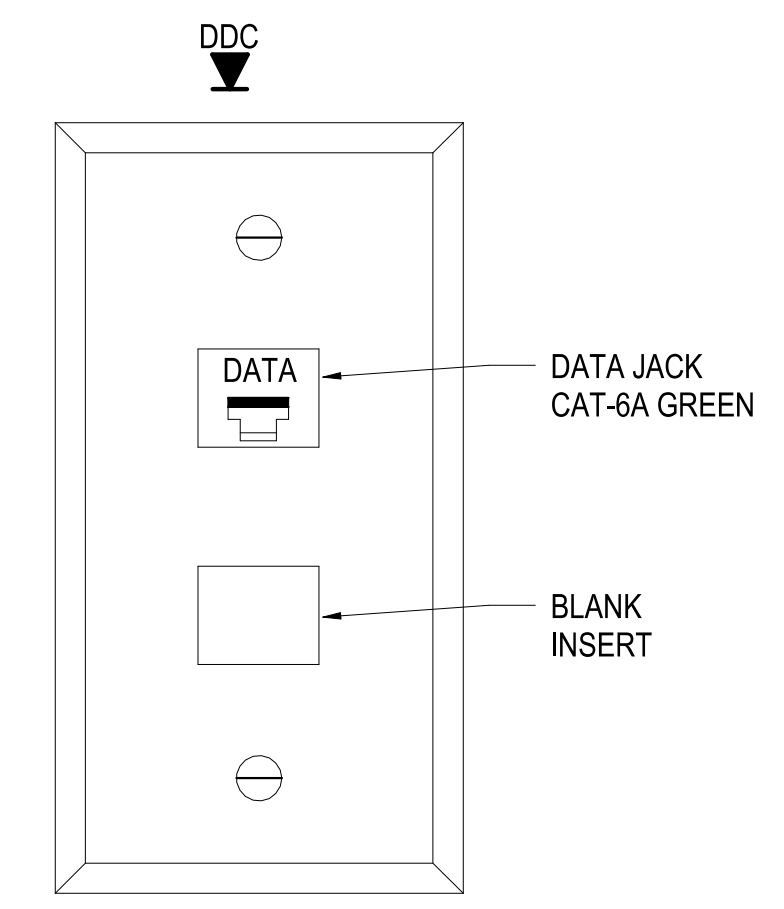
**TELECOMMUNICATIONS QUAD OUTLET**  
SCALE: NTS

C1



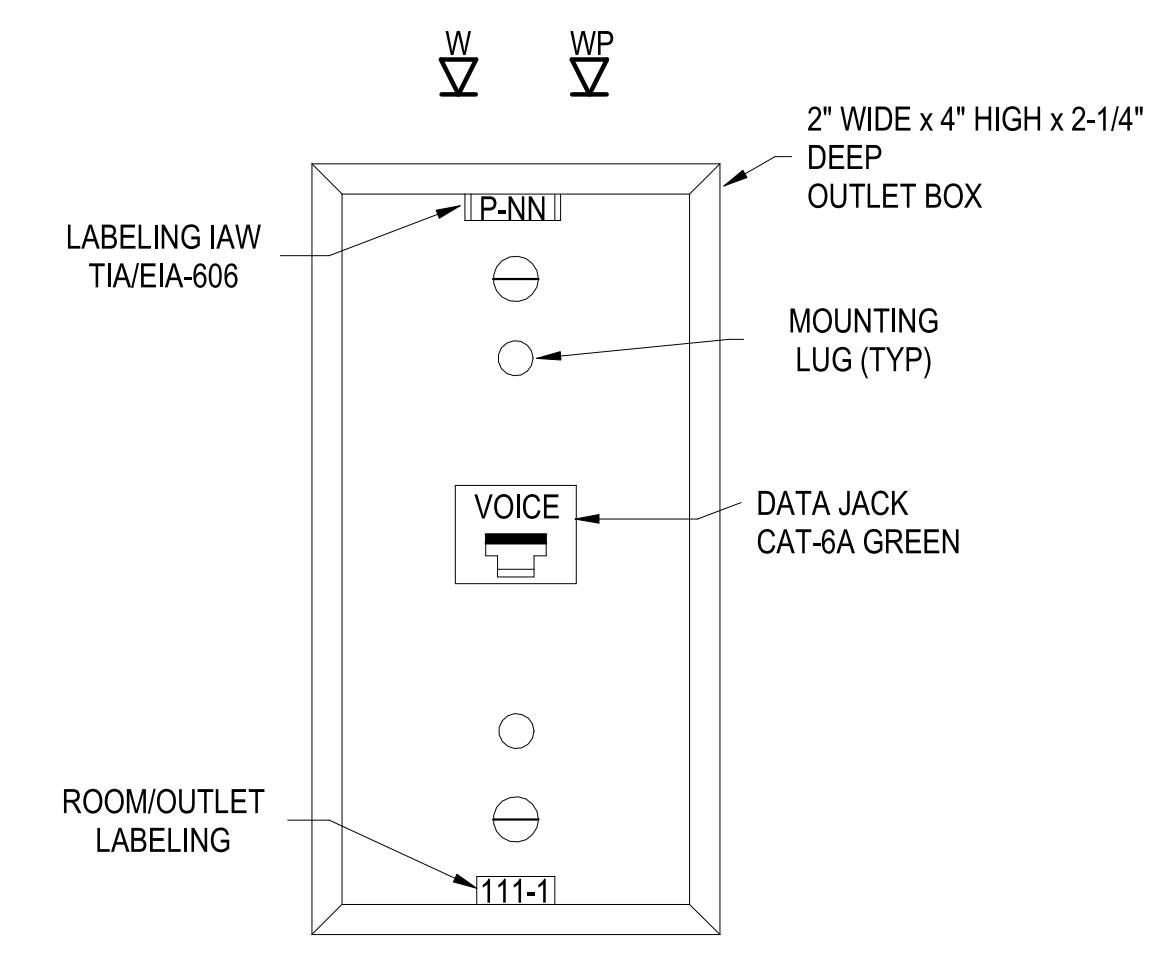
**WALL MOUNTED DISPLAY OUTLET**  
SCALE: NTS

C2



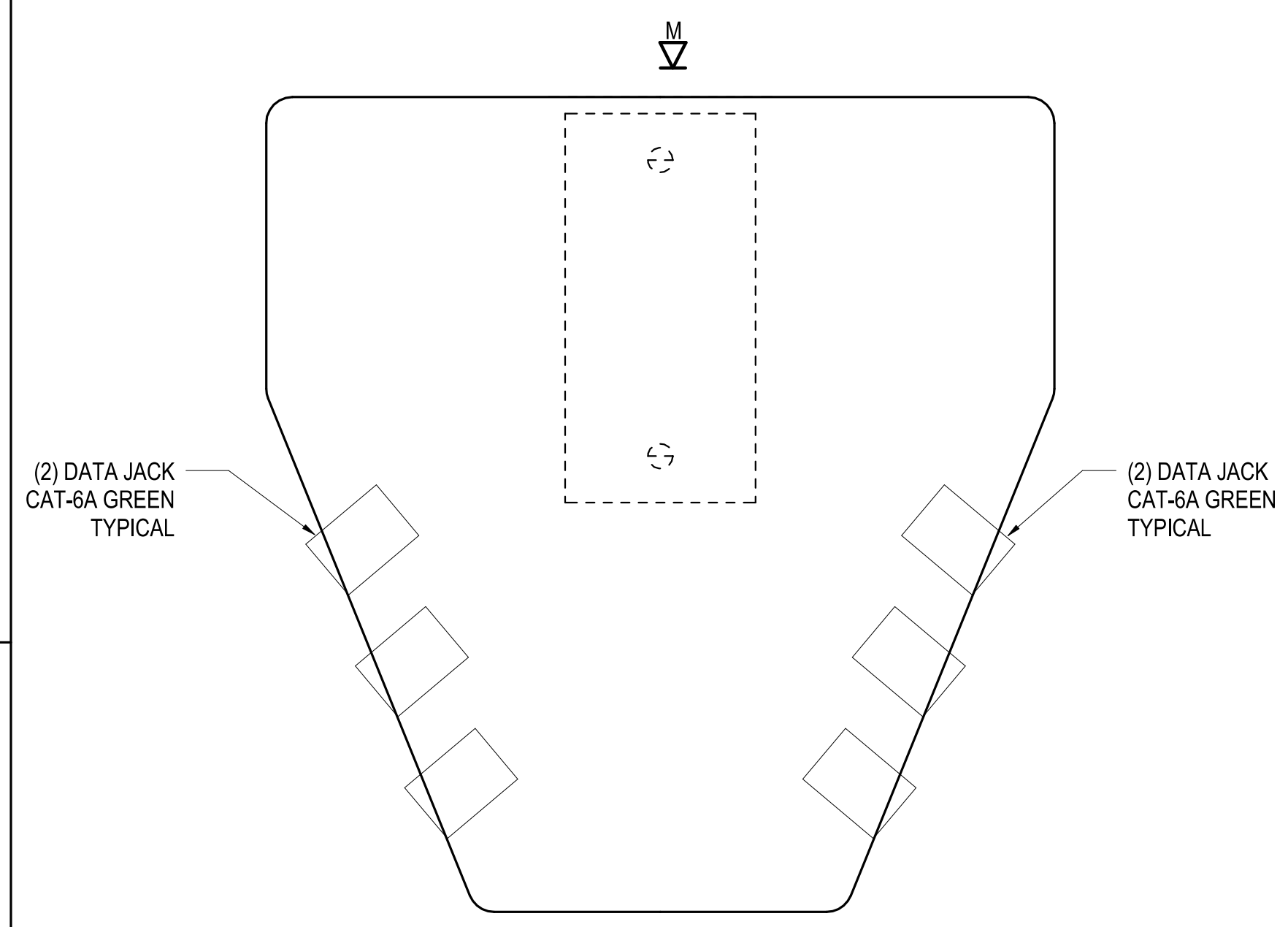
**DDC OUTLET**  
SCALE: NTS

C3



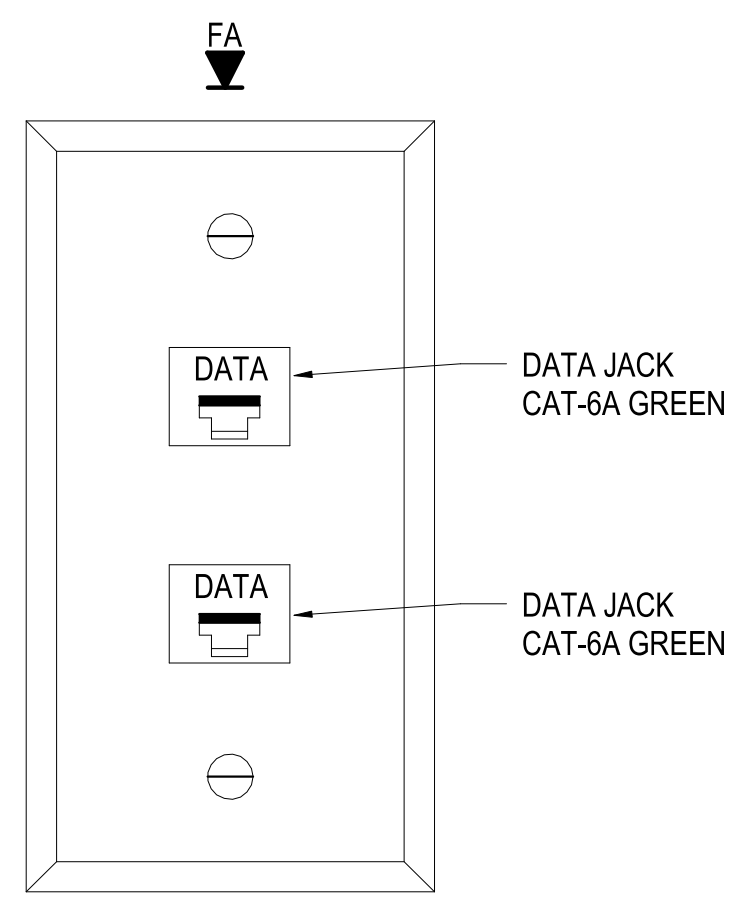
**WALL PHONE OUTLET**  
SCALE: NTS

C4



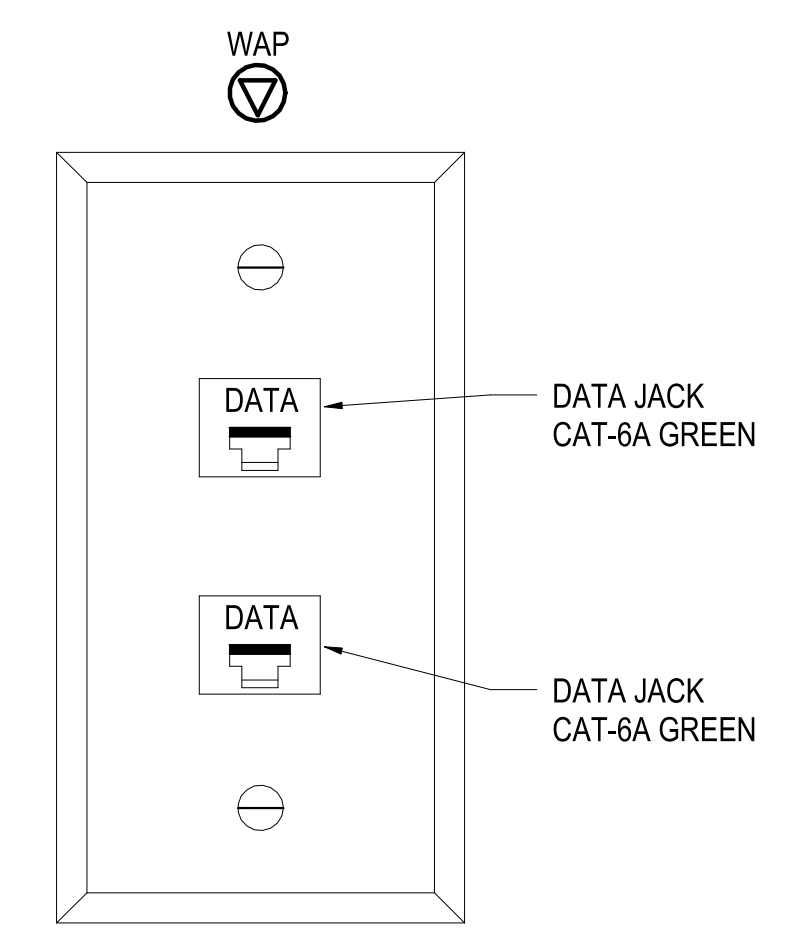
**MULTI-USER TELECOM OUTLET ASSEMBLY (MUTOA), 12-PORT**  
SCALE: NTS

A1



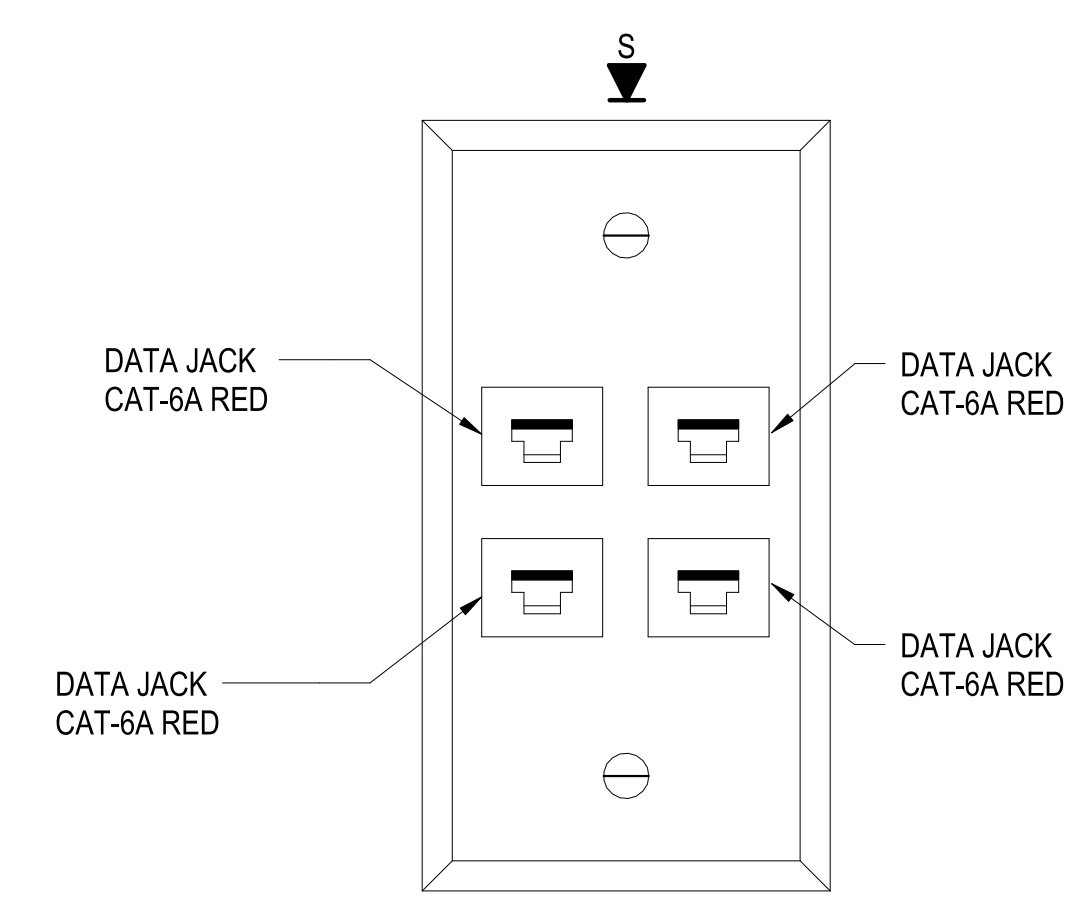
**FIRE ALARM INTERFACE OUTLET**  
SCALE: NTS

A2



**WAP ICT OUTLET FOR ENCLOSURE**  
SCALE: NTS

A3






**TELECOMMUNICATIONS QUAD OUTLET - SIPRNET**  
SCALE: NTS

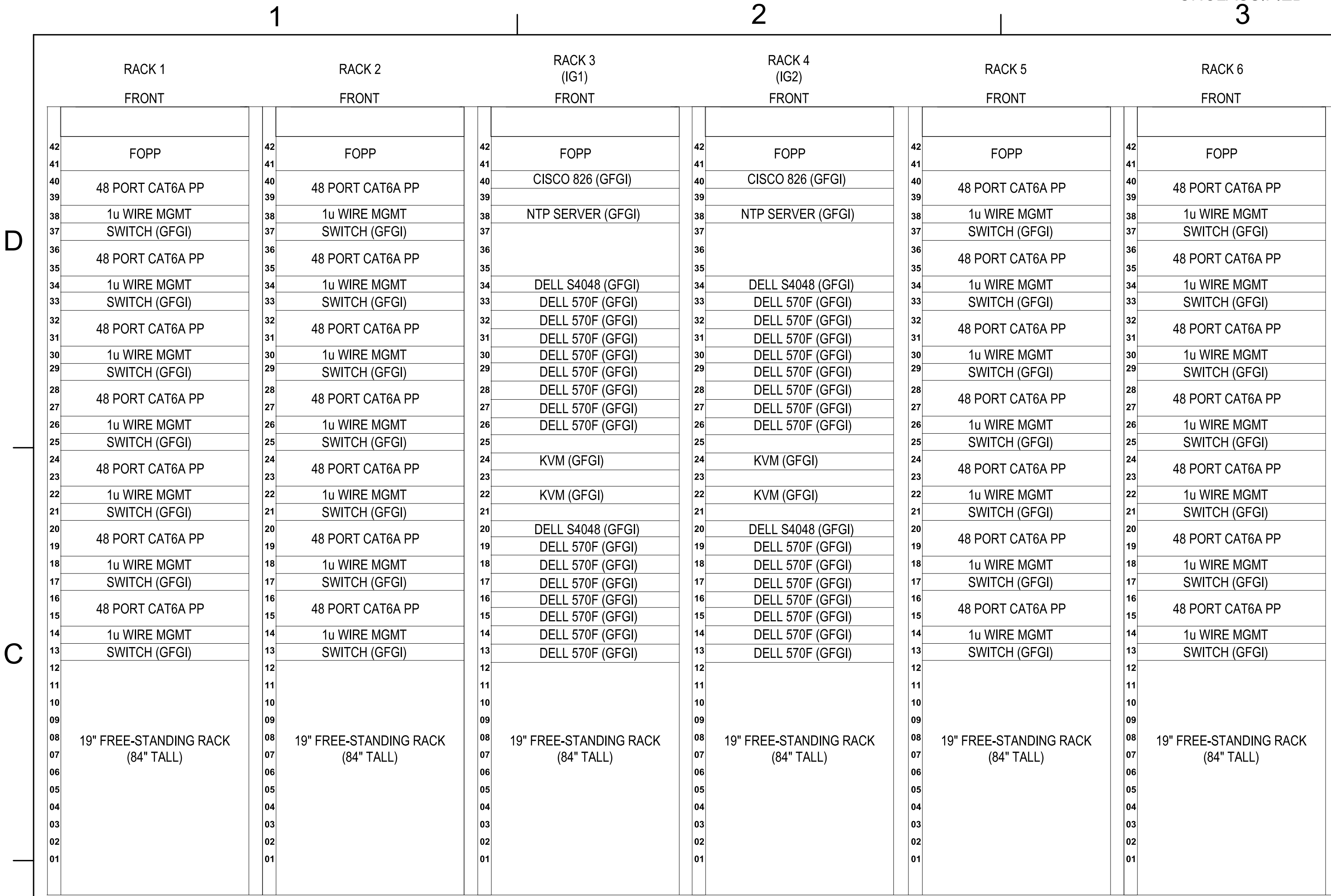
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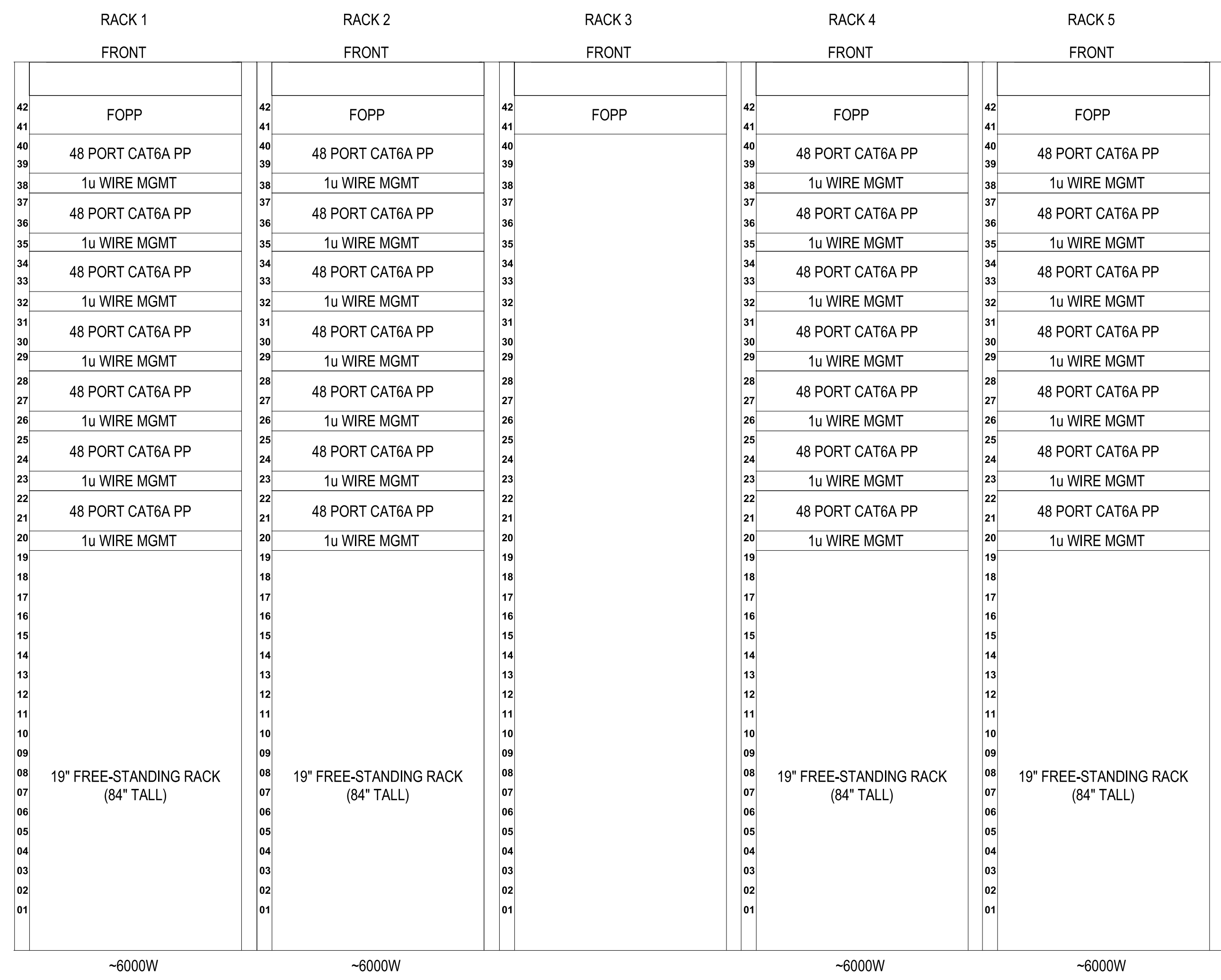
APPR	
DATE	
SYM DESCRIPTION	
	
	
	
100 AIRSIDE DRIVE MOON TOWNSHIP, PA 15108	
APPROVED	A/E INFO
FOR COMMANDER NAVFAC	
ACTIVITY	
MARINE CORPS BASE CAMP LEJEUNE	
SATISFACTORY TO DATE	
DES	CHK
DRW	CHK
PM	
BRANCH MANAGER	
CHIEF ENGINEER	
FIRE PROTECTION	
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC ROIC FLORENCE CAMP LEJEUNE MCB CAMP LEJEUNE	JACKSONVILLE, NC JACKSONVILLE, NC P1338 II MEF SIMULATION/TRAINING CENTER REPLACEMENT TELECOMMUNICATIONS - DETAILS
SCALE: AS NOTED	AS NOTED
EPROJCT NO.: 1500892	
CONSTR. CONTR. NO. N40085-20-C-0059	
NAVFAC DRAWING NO.	
SHEET OF	
<b>T-504</b>	

FILE NAME: BIM360/HF PACKAGE 3P1338.MEF SIM CTR-4590892-E-N  
PLOTTED: 5/28/2021 10:03:12 AM






TELECOM RM 133 - CACCTUS (C)  
SCALE:NTS

B1



TELECOM RM 133 - TIE (C)  
SCALE:NTS

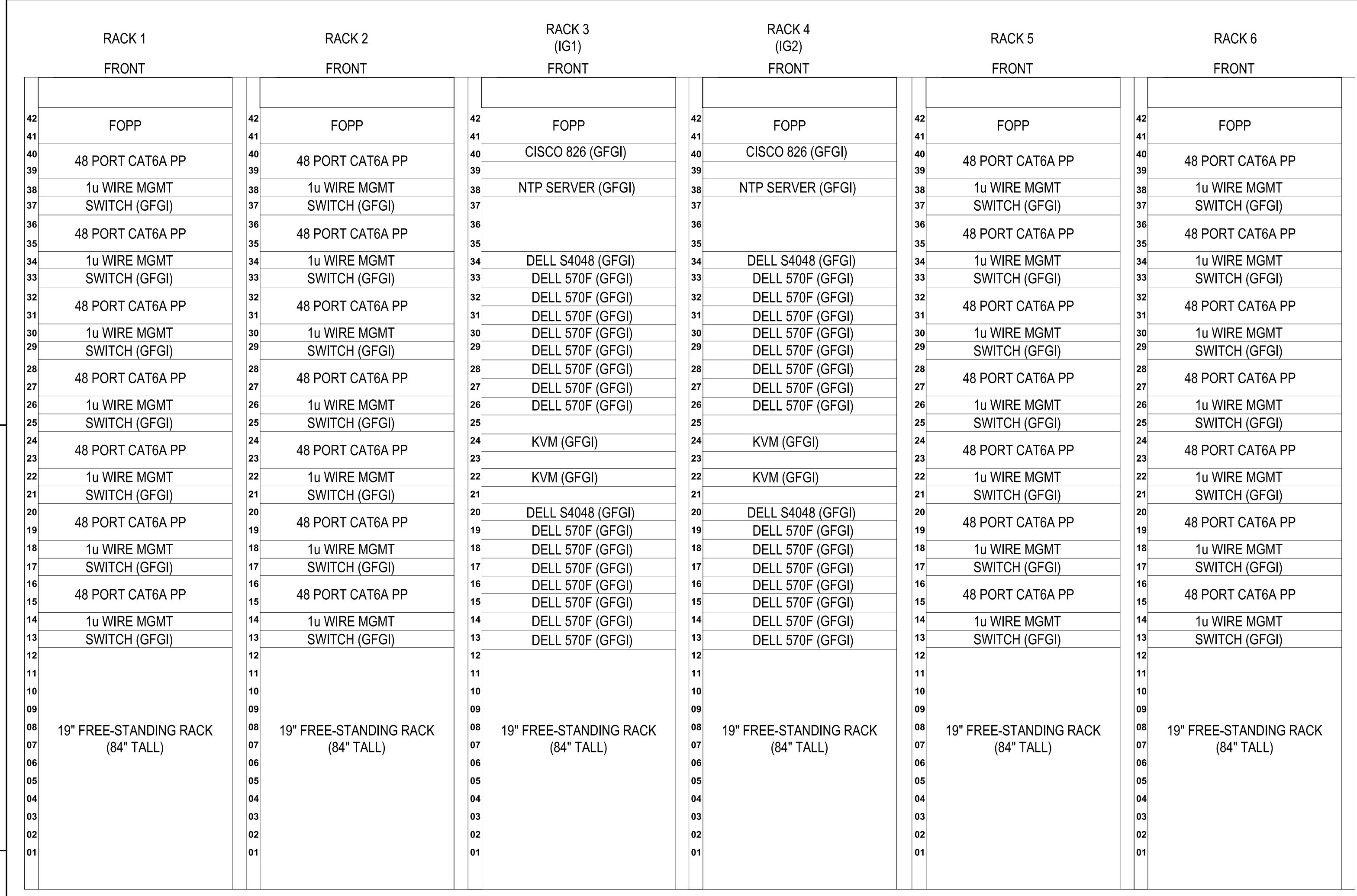
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APPR	
DATE	
DESCRIPTION	
SYM	
	
	
	
100 AIRSIDE DRIVE MOON TOWNSHIP, PA 15108 A/E/IN/P APPROVED	
FOR COMMANDER NAVFAC	
ACTIVITY MARINE CORPS BASE CAMP LEJEUNE	
SATISFACTORY TO DATE	
DES	DRW
CHK	
BRANCH MANAGER	
CHIEF ENGINEER	
FIRE PROTECTION	
NAVAL FACILITIES ENGINEERING COMMAND NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC ROIC FLORENCE CAMP LEJEUNE MCR CAMP LEJEUNE JACKSONVILLE, NC P1338 II MEF SIMULATION/TRAINING CENTER REPLACEMENT TELECOMMUNICATIONS - DETAILS	
DEPARTMENT OF THE NAVY	
SCALE: AS NOTED	
EPROJECT NO.: 1590892	
CONSTR. CONTR. NO. N40085-20-C-0059	
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SHEET	OF
<b>T-505</b>	

DF2 SUBMISSION - P1338 BUILDING - PRE-FINAL SUBMISSION

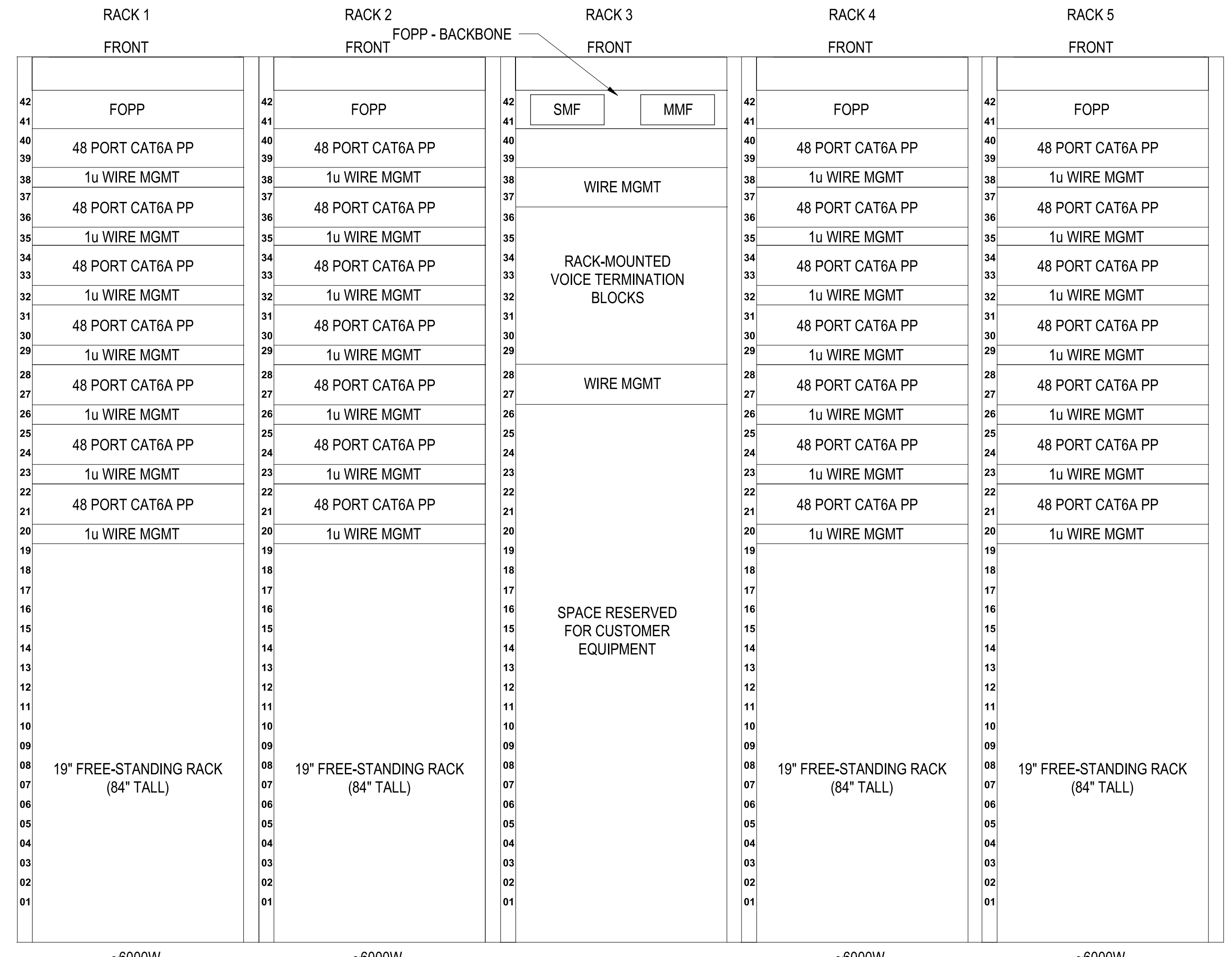
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PLOTTED: 5/28/2021 10:03:13 AM



**TELECOM RM 133 - MTWS (C)**  
SCALE:NTS

B1



**TELECOM RM 133 - TIE (U)**  
SCALE:NTS

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APPR	
DATE	
DESCRIPTION	
SYM	

**Michael Baker INTERNATIONAL**  
100 AIRSIDE DRIVE  
MOON TOWNSHIP, PA 15108 A/E/IN/P  
APPROVED

FOR COMMANDER NAVFAC  
ACTIVITY  
**MARINE CORPS BASE  
CAMP LEJEUNE**

SATISFACTORY TO DATE

DES	DRW	CHK
-----	-----	-----

BRANCH MANAGER  
CHIEF ENGINEER  
FIRE PROTECTION

NAVAL FACILITIES ENGINEERING COMMAND  
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC  
ROIC FLORENCE CAMP LEJEUNE  
JACKSONVILLE, NC  
**P1338 II MEF SIMULATION/TRAINING CENTER  
REPLACEMENT**  
TELECOMMUNICATIONS - DETAILS

DEPARTMENT OF THE NAVY  
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC  
ROIC FLORENCE CAMP LEJEUNE  
JACKSONVILLE, NC  
**P1338 II MEF SIMULATION/TRAINING CENTER  
REPLACEMENT**  
TELECOMMUNICATIONS - DETAILS

SCALE: AS NOTED  
EPROJCT NO.: 1590892  
CONSTR. CONTR. NO.: N40085-20-C-0059  
NAVFAC DRAWING NO.

SHEET OF

**T-506**

DF2 SUBMISSION - P1338 BUILDING -PRE-FINAL SUBMISSION

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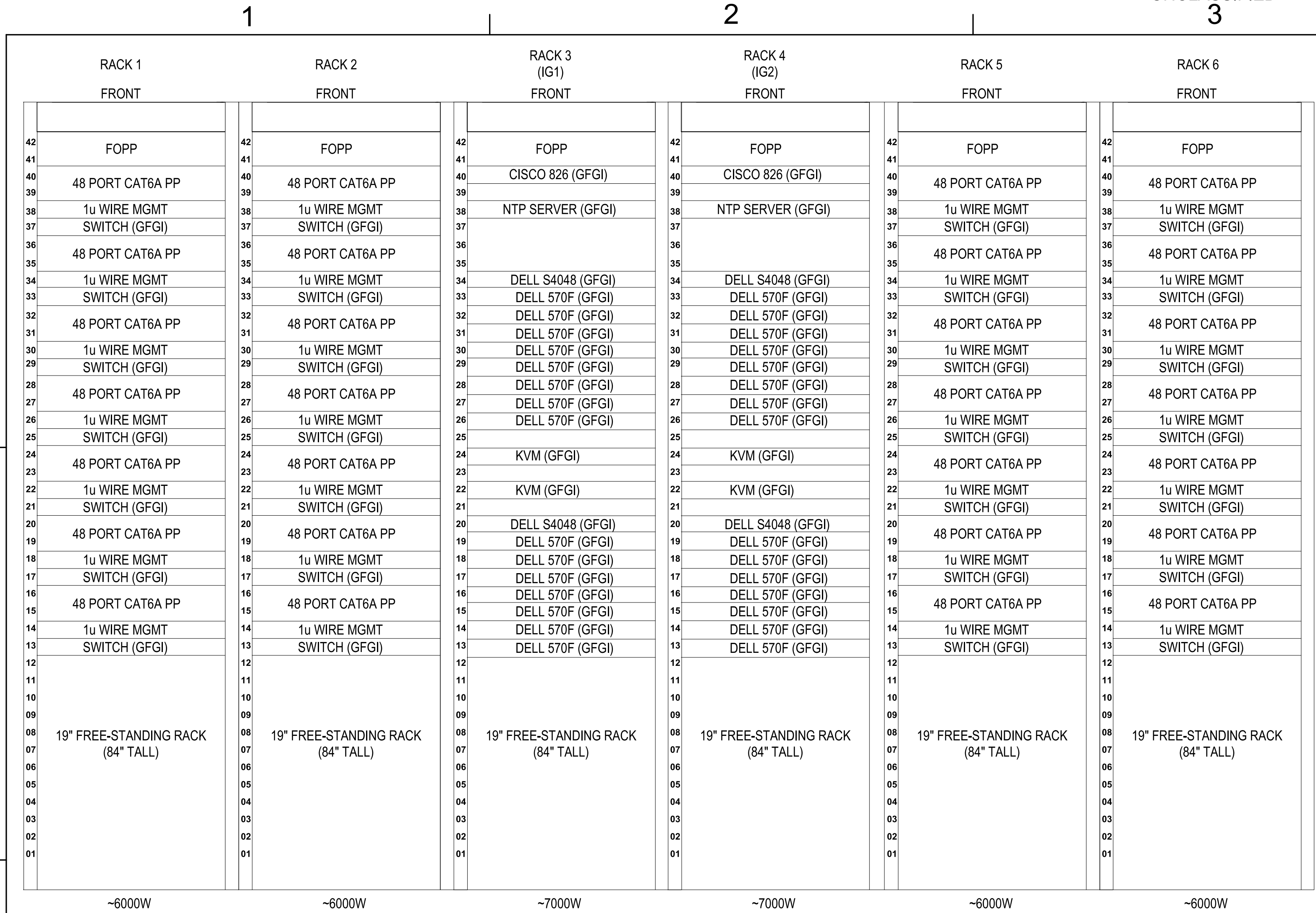
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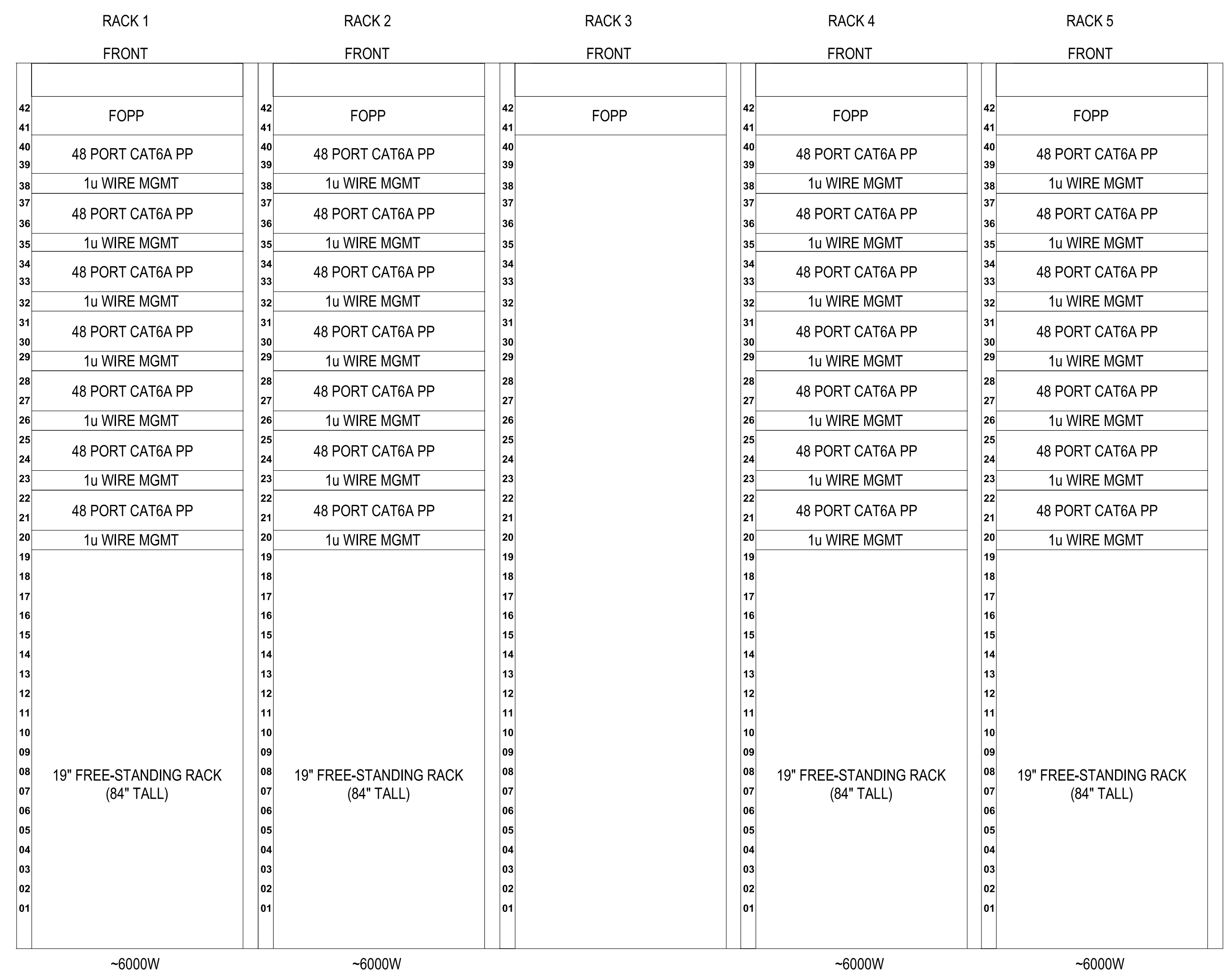
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FILE NAME: BIM360/HF PACKAGE 3P11338.MEF SIM CTR-450092-E-N



B1



A3

UNCLASSIFIED

DATE

DESCRIPTION

SYN

SEAL

**Michael Baker INTERNATIONAL**  
100 AIRSIDE DRIVE  
MOON TOWNSHIP, PA 15108 A/E IN/PG  
APPROVED

FOR COMMANDER NAVFAC  
ACTIVITY  
MARINE CORPS BASE  
CAMP LEJEUNE

SATISFACTORY TO DATE

DES \_\_\_\_\_ DRW \_\_\_\_\_ CHK \_\_\_\_\_

PM \_\_\_\_\_

BRANCH MANAGER \_\_\_\_\_

CHIEF ENGINEER \_\_\_\_\_

FIRE PROTECTION \_\_\_\_\_

NAVAL FACILITIES ENGINEERING COMMAND  
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC  
ROIC FLORENCE CAMP LEJEUNE  
JACKSONVILLE, NC  
P1338 II MEF SIMULATION/TRAINING CENTER  
REPLACEMENT  
TELECOMMUNICATIONS - DETAILS

DEPARTMENT OF THE NAVY  
NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC  
ROIC FLORENCE CAMP LEJEUNE  
MCB CAMP LEJEUNE  
JACKSONVILLE, NC  
P1338 II MEF SIMULATION/TRAINING CENTER  
REPLACEMENT  
TELECOMMUNICATIONS - DETAILS

SCALE: AS NOTED  
EPROJCT NO.: 1590892  
CONSTR. CONTR. NO.: N40085-20-C-0059  
NAVFAC DRAWING NO. \_\_\_\_\_

SHEET \_\_\_\_\_ OF \_\_\_\_\_

**T-507**

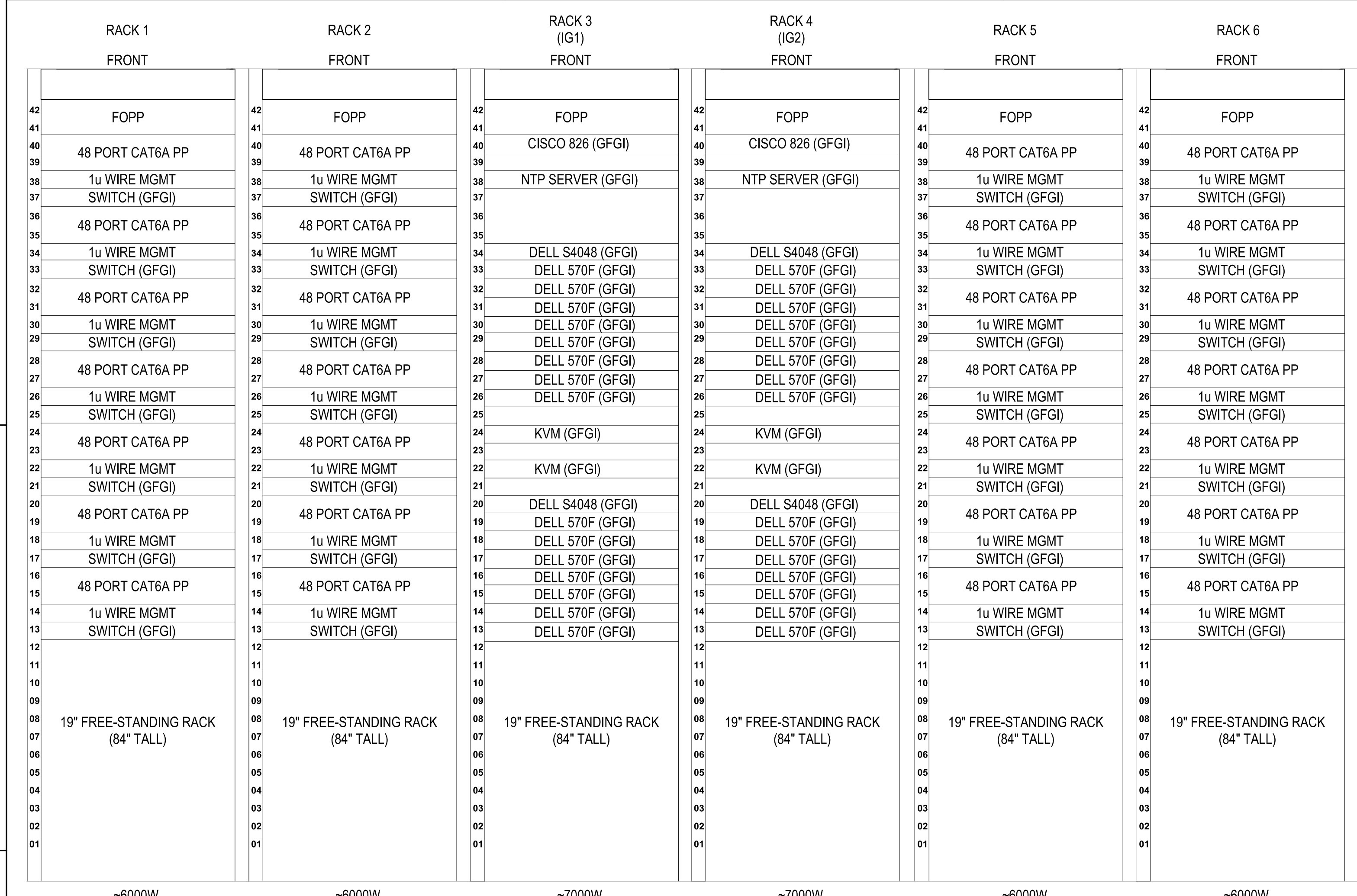
DF2 SUBMISSION - P1338 BUILDING -PRE-FINAL SUBMISSION

UNCLASSIFIED

DF2 SUBMISSION - P1338 BUILDING -PRE-FINAL SUBMISSION

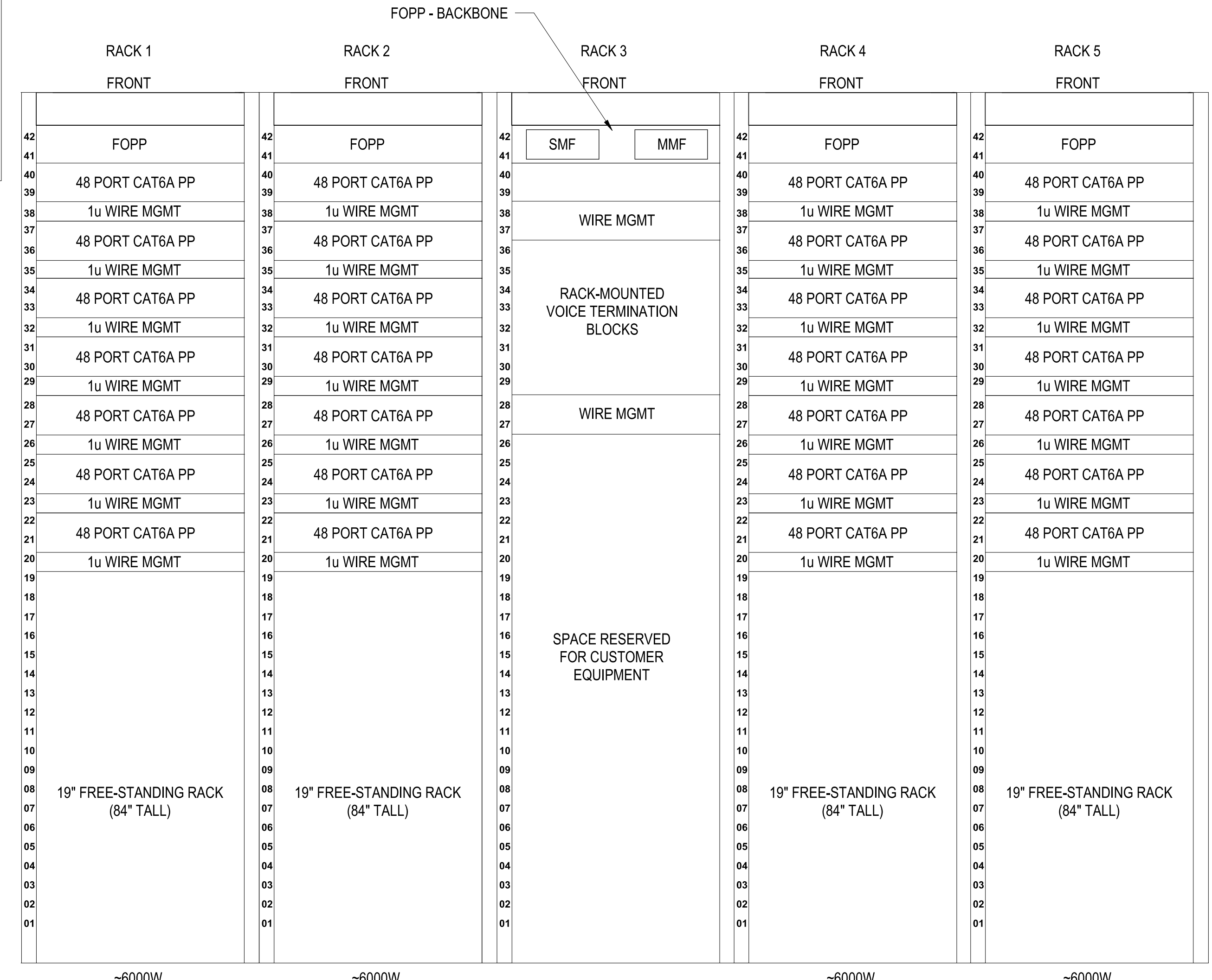
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**TELECOM RM 133 - MTWS (U)**  
SCALE:NTS

B1



**TELECOM RM 133 - MCEN (U)**  
SCALE:NTS

A3

APPROVED	DATE	APPR
DESCRIPTION	DATE	APPR
SYMBOL	DESCRIPTION	APPR
		
		
		
100 AIRSIDE DRIVE MOON TOWNSHIP, PA 15108 A/E IN/PG APPROVED		
FOR COMMANDER NAVFAC ACTIVITY MARINE CORPS BASE CAMP LEJEUNE		
SATISFACTORY TO DATE DES _____ DRW _____ CHK _____ PM _____ BRANCH MANAGER _____ CHIEF ENGINEER _____ FIRE PROTECTION _____		
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC ROICC FLORENCE CAMP LEJEUNE JACKSONVILLE, NC MCB CAMP LEJEUNE P1338 II MEF SIMULATION/TRAINING CENTER REPLACEMENT TELECOMMUNICATIONS - DETAILS		
SCALE: AS NOTED EPROJECT NO.: 1590892 CONSTR. CONTR. NO. N40085-20-C-0059 NAVFAC DRAWING NO.		
SHEET _____ OF _____ <b>T-508</b>		

DF2 SUBMISSION - P1338 BUILDING -PRE-FINAL SUBMISSION

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3 UNCLASSIFIED

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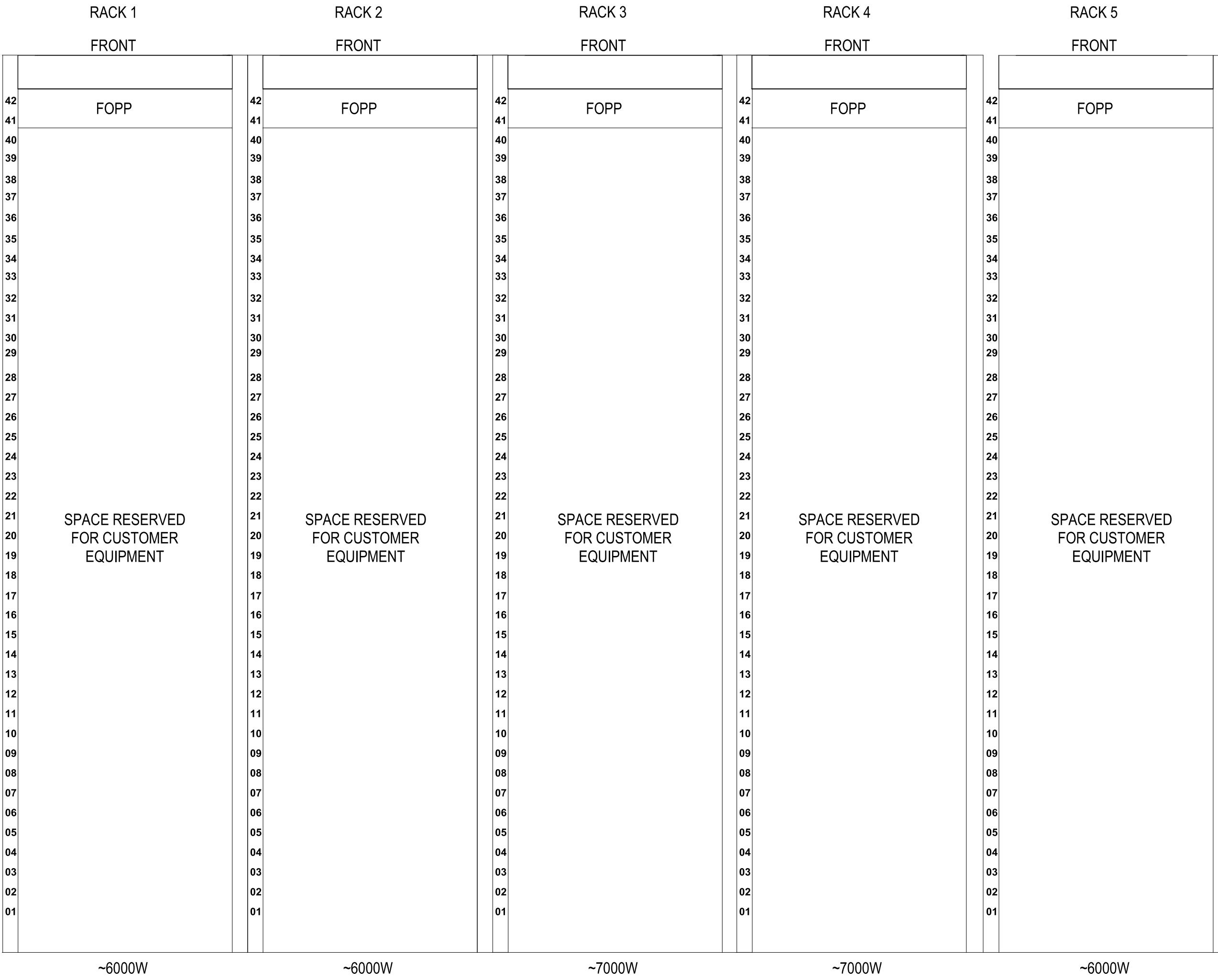
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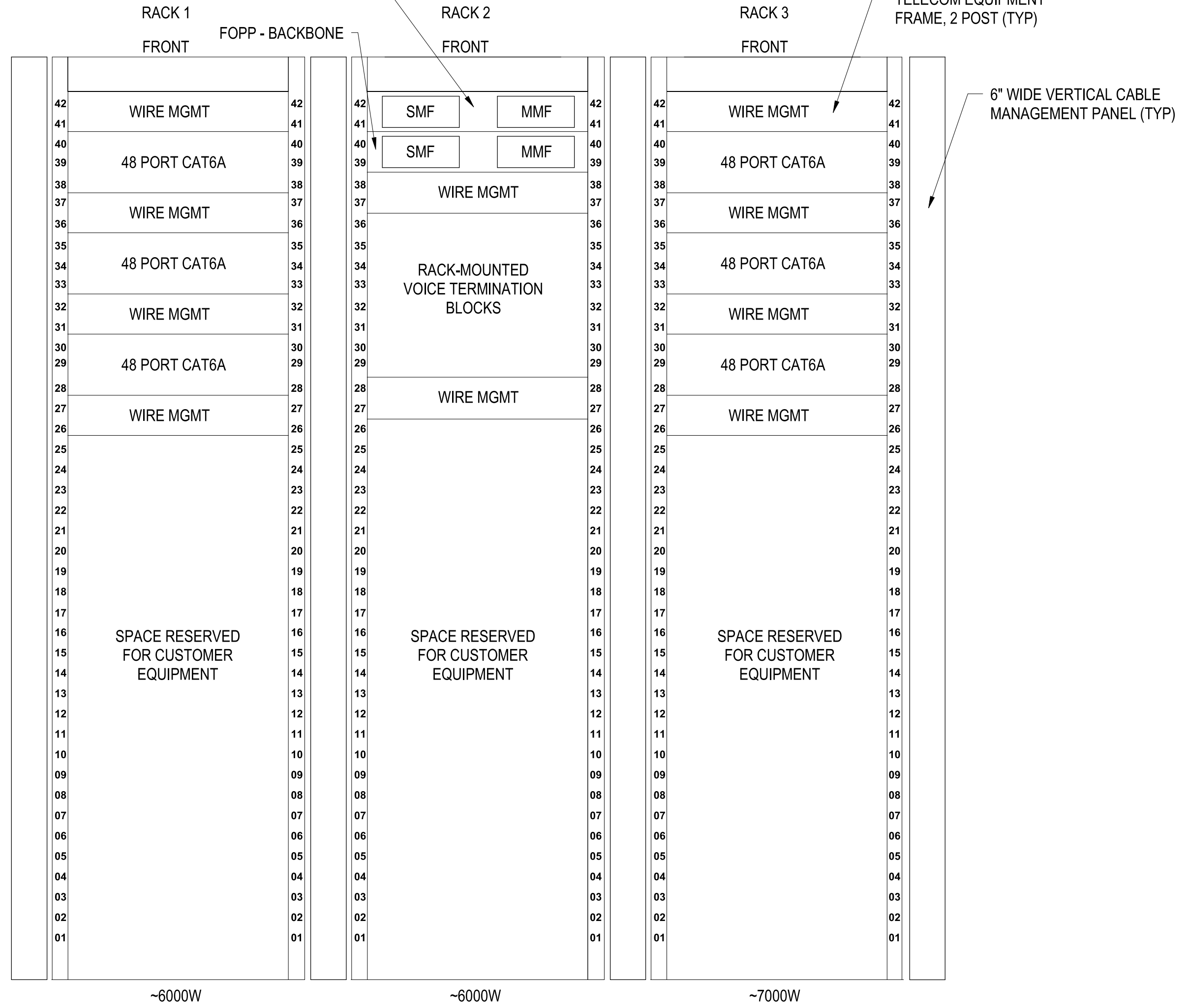
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B3

FILE NAME: BIM360/HF PACKAGE 3P11338.MEF SIM CTR-1590892-E-1

PLOTTED: 5/28/2021 10:03:16 AM

APPROVED	DATE	APPR
DESCRIPTION	DATE	APPR
SYMBOL	DESCRIPTION	SYMBOL
<b>Michael Baker INTERNATIONAL</b> 100 AIRSIDE DRIVE MOON TOWNSHIP, PA 15108 A/E/IN/P		
APPROVED		
FOR COMMANDER NAVFAC		
ACTIVITY		
MARINE CORPS BASE CAMP LEJEUNE		
SATISFACTORY TO DATE		
DES	DRW	CHK
BRANCH MANAGER		
CHIEF ENGINEER		
FIRE PROTECTION		
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC ROICC FLORENCE CAMP LEJEUNE JACKSONVILLE, NC MCB CAMP LEJEUNE JACKSONVILLE, NC P1338 II MEF SIMULATION/TRAINING CENTER REPLACEMENT TELECOMMUNICATIONS - DETAILS		
SCALE: AS NOTED		
EPROJCT NO.: 1590892		
CONSTR. CONTR. NO. N40085-20-C-0059		
NAVFAC DRAWING NO.		
SHEET	OF	
<b>T-509</b>		

DP2 SUBMISSION - P1338 BUILDING -PRE-FINAL SUBMISSION

UNCLASSIFIED

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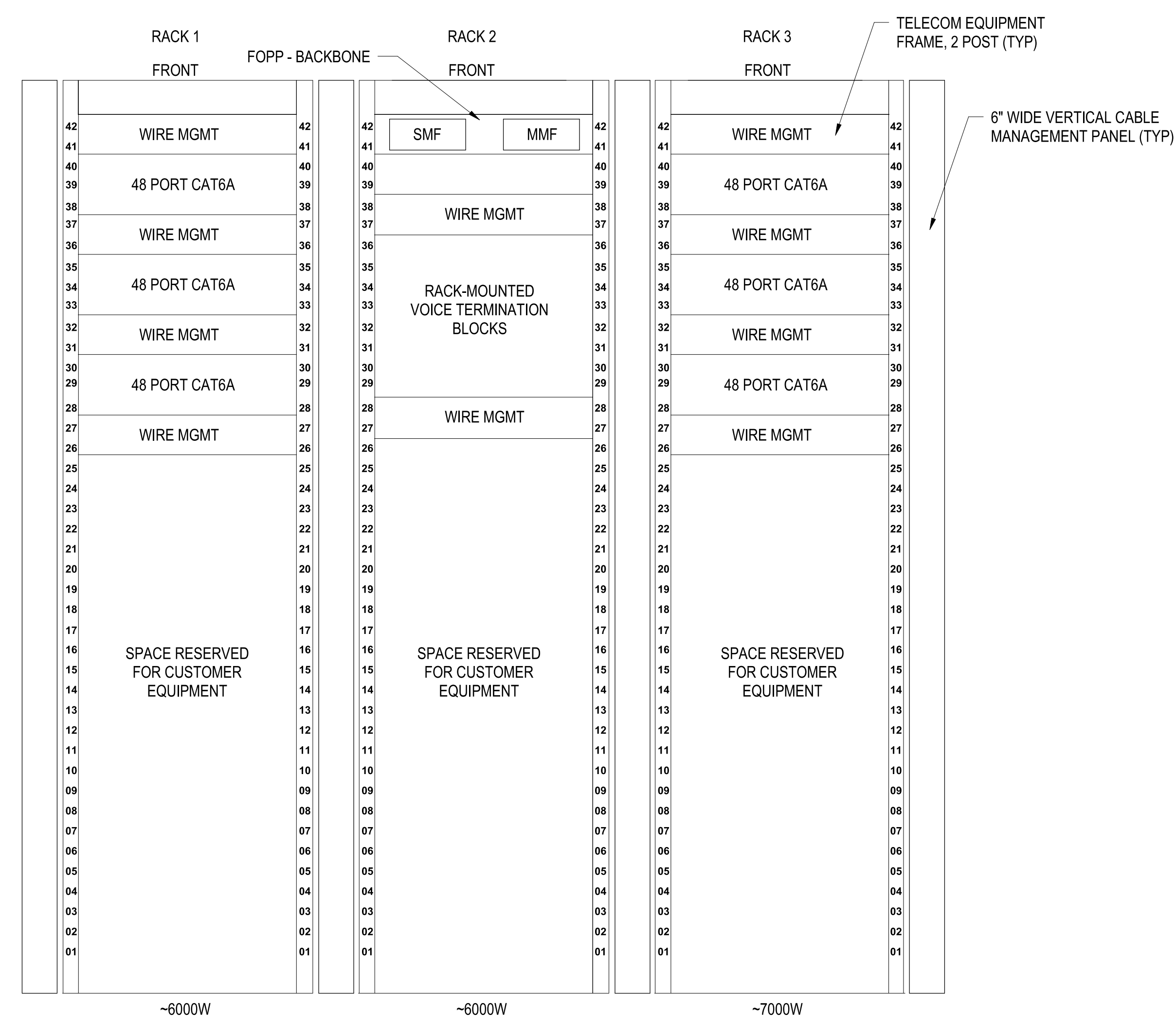
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**TELECOM RM 208**  
SCALE: NTS

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PLOTTED: 5/28/2021 10:03:17 AM

FILE NAME: BIM 360://HF PACKAGE 3P1338.MEF SIM CTR-150082-E-1

APPR	
DATE	
DESCRIPTION	
SYM	
	
	
	
100 AIRSIDE DRIVE MOON TOWNSHIP, PA 15108 A/E INFQ	
APPROVED	
FOR COMMANDER NAVFAC	
ACTIVITY	
MARINE CORPS BASE CAMP LEJEUNE	
SATISFACTORY TO DATE	
DES	CHK
DRW	CHK
PM	
BRANCH MANAGER	
CHIEF ENGINEER	
FIRE PROTECTION	
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC ROICC FLORENCE CAMP LEJEUNE JACKSONVILLE, NC MCB CAMP LEJEUNE JACKSONVILLE, NC P1338 II MEF SIMULATION/TRAINING CENTER REPLACEMENT TELECOMMUNICATIONS - DETAILS	
SCALE:	AS NOTED
EPROJECT NO.:	1500892
CONSTR. CONTR. NO.:	N40085-20-C-0059
NAVFAC DRAWING NO.:	
SHEET	OF
<b>T-510</b>	

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DP2 SUBMISSION - P1338 BUILDING - PRE-FINAL SUBMISSION

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PLOTTED: 5/28/2021 10:03:18 AM

FILE NAME: BIM 360://HF PACKAGE 3/P1338/MEF SIM CTR-150082-E-1

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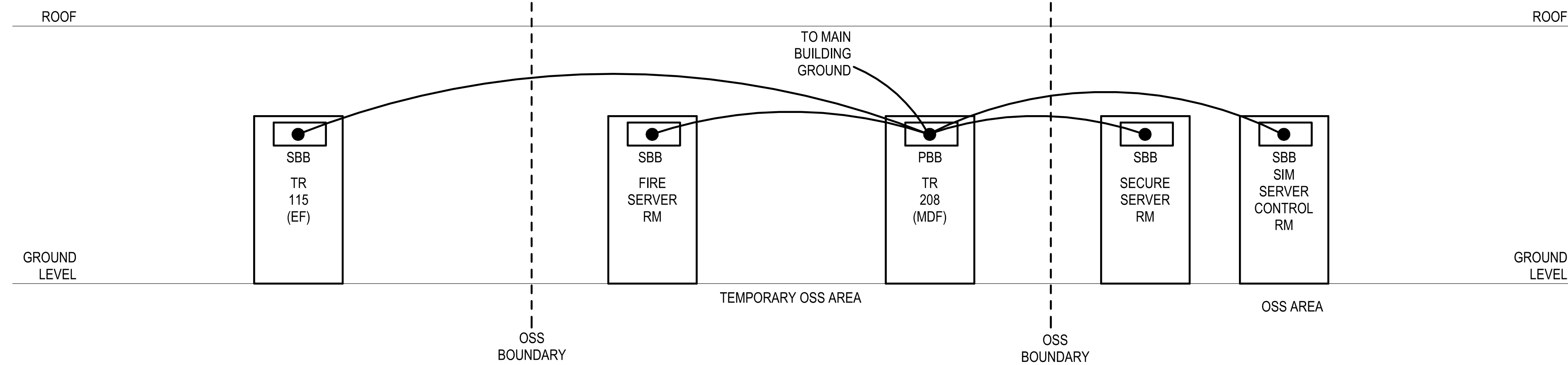
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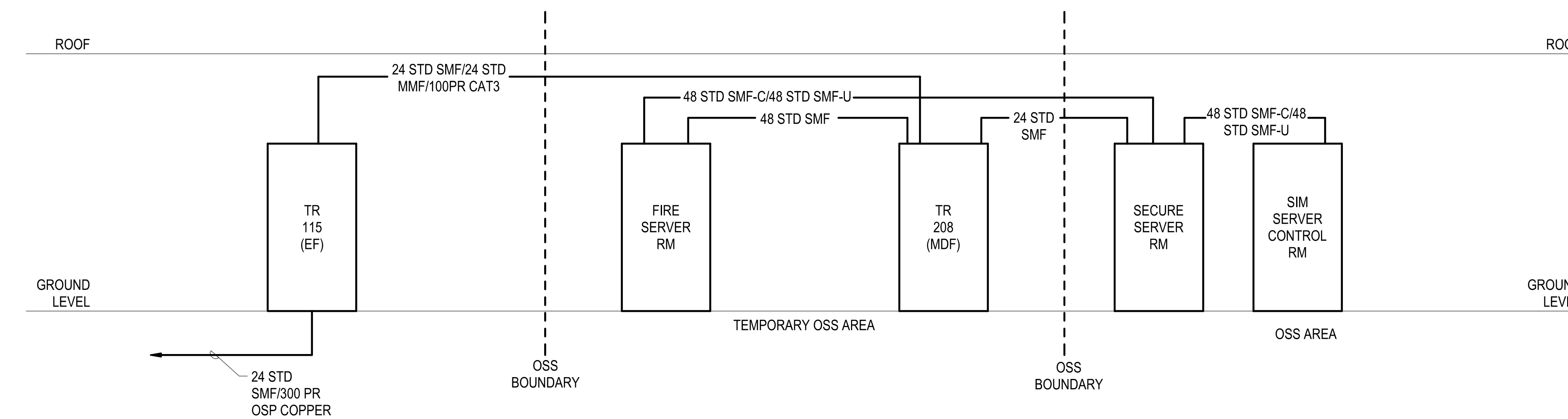
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TELECOM GROUNDING LOGICAL DIAGRAM

SCALE:NTS

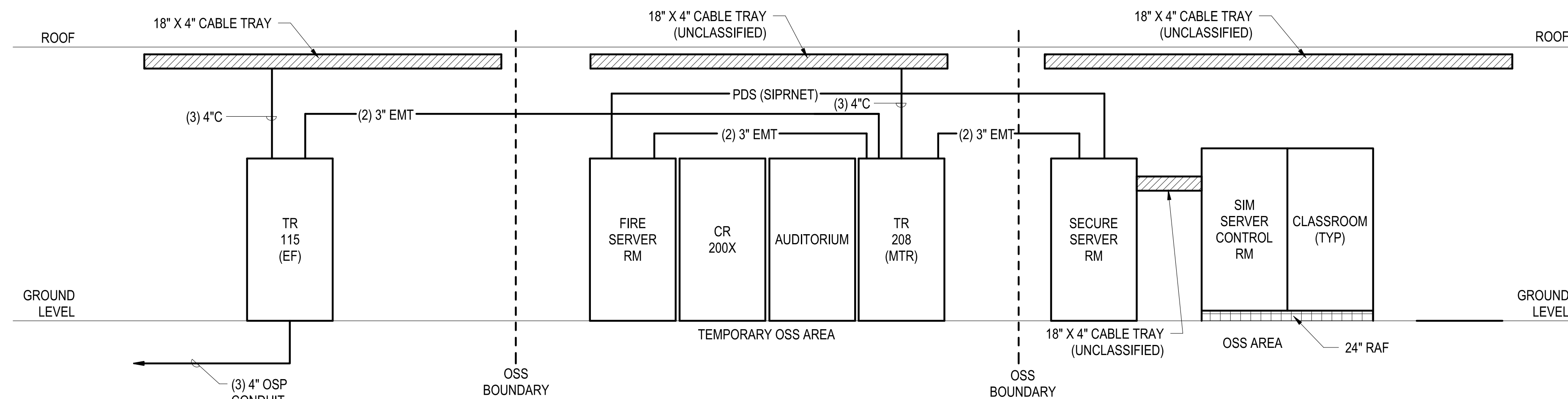
C1



TELECOM BACKBONE CABLING LOGICAL DIAGRAM

SCALE:NTS

B1



TELECOM PATHWAY LOGICAL DIAGRAM

SCALE:NTS

A1

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UNCLASSIFIED

APPR	
DATE	
SYMBOL	
DESCRIPTION	
SEAL	
<b>Michael Baker INTERNATIONAL</b> 100 AIRSIDE DRIVE MOON TOWNSHIP, PA 15108 APPROVED	
FOR COMMANDER NAVFAC	
ACTIVITY	
MARINE CORPS BASE CAMP LEJEUNE	
SATISFACTORY TO DATE	
DES	CHK
PM	
BRANCH MANAGER	
CHIEF ENGINEER	
FIRE PROTECTION	
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC JACKSONVILLE, NC ROIC FLORENCE CAMP LEJEUNE MCB CAMP LEJEUNE JACKSONVILLE, NC P1338 II MEF SIMULATION/TRAINING CENTER REPLACEMENT TELECOMMUNICATIONS - DIAGRAMS	
SCALE:	AS NOTED
EPROJCT NO.:	150082
CONSTR. CONTR. NO.:	N40085-20-C-0059
NAVFAC DRAWING NO.:	
SHEET	OF
<b>T-601</b>	

DP2 SUBMISSION - P1338 BUILDING - PRE-FINAL SUBMISSION

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