



OAK POINT  
ASSOCIATES

architecture  
engineering  
planning

## ADDENDUM No. 7

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**Date:** February 26, 2026

**Project:** 221 State Street Building Renovations  
Augusta, Maine

This addendum is issued prior to receipt of the bids and does hereby become a part of the contract documents, and in case of conflict, it shall supersede original project manual and drawings.

Each bidder shall be responsible for issuing information contained herein to sub-contractors and suppliers to ensure that their proposal covers all work required by the contract documents including this addendum.

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### **GENERAL**

1. The work of Alternate 1 is described in Section 012300 ALTERNATES (**attached**).

### **SPECIFICATIONS**

1. SECTION 004113 – CONTRACTOR BID FORM:
  - a. **REPLACE** entire section with updated SECTION 004113 CONTRACTOR BID FORM included with this Addendum 7 (**attached**).
2. SECTION 012300 – ALTERNATES:
  - a. **ADD** new Section 012300 ALTERNATES (**attached**).
3. SECTION 270000 – COMMUNICATIONS:
  - a. **REPLACE** entire section with updated SECTION 270000 COMMUNICATIONS included with this Addendum 7 (**attached**).

### **DRAWINGS**

#### **ELECTRICAL**

1. Sheet ET501:
  - a. **DELETE** General Note 1.

**END OF ADDENDUM NO. 7**

**00 41 13  
Contractor Bid Form**

**221State Street Building Renovations**

BGS project number

Bid Form submitted by: *email only to email address below*

Bid Administrator:

*Kirsten Haskell*  
Bureau of General Services  
111 Sewall Street, Cross State Office Building, 4th floor  
77 State House Station  
Augusta, Maine 04333-0077

BGS.Architect@Maine.gov

Bidder:

Signature: \_\_\_\_\_

Printed name and  
title: \_\_\_\_\_

Company name: \_\_\_\_\_

Mailing address: \_\_\_\_\_

City, state, zip code: \_\_\_\_\_

Phone number: \_\_\_\_\_

Email address: \_\_\_\_\_

State of  
incorporation,  
if a corporation: \_\_\_\_\_

List of all partners,  
if a partnership: \_\_\_\_\_

The Bidder agrees, if the Owner offers to award the contract, to provide any and all bonds and certificates of insurance, as well as Schedule of Values, Project Schedule, and List of Subcontractors and Suppliers if required by the Owner, and to sign the designated Construction Contract within twelve calendar days after the date of notification of such acceptance, except if the twelfth day falls on a State of Maine government holiday or other closure day, or a Saturday, or a Sunday, in which case the aforementioned documents must be received before 12:00 noon on the first available business day following the holiday, other closure day, Saturday, or Sunday.

As a guarantee thereof, the Bidder submits, together with this bid, a bid bond or other acceptable instrument as and if required by the Bid Documents.

**00 41 13  
Contractor Bid Form**

1. The Bidder, having carefully examined the 221 State Street Building Renovations Project Manual dated Tuesday, December 16, 2025, prepared by Oak Point Associates, as well as Specifications, Drawings, and any Addenda, the form of contract, and the premises and conditions relating to the work, proposes to furnish all labor, equipment and materials necessary for and reasonably incidental to the construction and completion of this project for the **Base Bid** amount of:

\$ \_\_\_\_\_ .00

2. Allowances *are included* on this project.  
*Bid amount above includes the following Allowances*

1 <i>Brick Repointing</i>	\$ <u>65,000.00</u>
2 <i>Brick Repair</i>	\$ <u>35,000.00</u>
3 <i>Concrete Foundation Wall Spall Repair</i>	\$ <u>45,000.00</u>
4 <i>Additional Discovered ACM Pipe Insulation</i>	\$ <u>85,000.00</u>
5 <i>Additional Discovered Mechanical and Electrical Piping and Conduit Removals</i>	\$ <u>125,000.00</u>
6 <i>Hydraulic Elevator Plunger Assembly Hole</i>	\$ <u>50,000.00</u>
7 <i>Hydraulic Elevator Plunger Assembly, Casing, and Casing Liner</i>	\$ <u>90,000.00</u>

3. Alternate Bids *are as shown below* on this project.

Any dollar amount line below that is left blank by the Bidder shall be read as a bid of **\$0.00**.

1 Alternate 1: Division 27 COMMUNICATIONS - Procurement and Installation	\$ _____ <u>.00</u>
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4. Unit Prices *are included* on this project.

Any dollar amount line below that is left blank by the Bidder shall be read as a bid of **\$0.00**. *Note: ADD and DEDUCT unit prices cannot differ by more than 20%.*

	UNIT	ADD	DEDUCT
1 <i>Unit Price No. 1: Brick Repointing</i>	SF	\$ _____	\$ _____
2 <i>Unit Price No. 2: Brick Repair</i>	SF	\$ _____	\$ _____
3 <i>Unit Price No. 3: Concrete Foundation Wall Spall Repair</i>	SF	\$ _____	\$ _____
4 <i>Unit Price No. 4: Additional Discovered ACM Pipe Insulation</i>	LF	\$ _____	\$ _____

**00 41 13**  
**Contractor Bid Form**

5. Bid security *is required* on this project.  
If noted above as required, or if the Base Bid amount exceeds \$125,000.00, the Bidder shall include with this bid form a satisfactory Bid Bond (section 00 43 13) or a certified or cashier's check for 5% of the bid amount with this completed bid form submitted to the Owner.
  
6. Filed Sub-bids *are not required* on this project.  
If noted above as required, the Bidder shall include with this bid form a list of each Filed Sub-bidder selected by the Bidder on the form provided (section 00 41 13F).

SECTION 012300 - ALTERNATES

PART 1 - GENERAL

1.1 SUMMARY

- A. Section includes administrative and procedural requirements for alternates.

1.2 DEFINITIONS

- A. Alternate: An amount proposed by bidders and stated on the Bid Form for certain work defined in the bidding requirements that may be added to or deducted from the base bid amount if the Owner decides to accept a corresponding change either in the amount of construction to be completed or in the products, materials, equipment, systems, or installation methods described in the Contract Documents.

- 1. Alternates described in this Section are part of the Work only if enumerated in the Agreement.
- 2. The cost or credit for each alternate is the net addition to or deduction from the Contract Sum to incorporate alternates into the Work. No other adjustments are made to the Contract Sum.

1.3 PROCEDURES

- A. Coordination: Revise or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.
  - 1. Include, as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation, whether or not indicated as part of alternate.
- B. Execute accepted alternates under the same conditions as other Work of the Contract.
- C. Schedule: A Part 3 "Schedule of Alternates" Article is included at the end of this Section. Specification Sections referenced in schedule contain requirements for materials necessary to achieve the work described under each alternate.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 SCHEDULE OF ALTERNATES

A. Alternate No. 1: Division 27 Communications – Procurement and Installation

1. Base Bid Division 26 – Procurement and Installation

- a. Pathways and Raceways including ALL Conduit(s) (PVC and Rigid Steel), Basket Tray, Sleeves, Fire Stopping.
- b. Installation of the Telecommunications Ground Bus in each MDF and IDF.

2. Alternate Bid Division 27 – Procurement & Installation

- a. Cable Supports (J-Hooks) as needed between the End of Basket Tray Installations and Data Jack locations.
- b. Fiber Optic Backbone Cabling Risers, Fusion Splicing and Testing.
- c. Rack Mounted Fiber Optic Closet Connector Housings
- d. Copper Backbone Cabling Risers, Termination and Testing.
- e. Horizontal Structured Station Cabling, Data Jacks, Faceplates, Termination & Testing
- f. 48-Port Rack Mounted Patch Panels, Wall Mounted 110 Terminal Blocks and Wall Fields
- g. Universal 19-Inch EIA Two Post Data Racks with Vertical Cable Managers.
- h. 12-Inch Cable Runway Systems with All Supporting Hardware
- i. Circa Telecom Building Entrance Protector Terminal 110/110 with Cover & Splice, 50-Pair
- j. Bonding and Grounding of All Racks and Cable Runway to the Telcom Ground Bus.

3. State of Maine is Responsible for Procuring, Providing, and Installing

- a. Demolition/Removal of existing and currently in-use Fiber Optic and Copper Cables between the Current MDF In the Basement of 221 State Street and Manholes 4SE (South Side Parking Lot) and 3NES (North Side Capitol Park).
- b. Procurement and Installation of New Fiber Optic Cable (Single Mode & Multi-Mode) and Copper Telco Cable between the New MDF at 221 State Street and the Campus MDF at the Cross State Office Building.
- c. Electronics (Rack Mounted Switches and Uninterruptable Power Supplies (UPS).)

END OF SECTION

221 STATE STREET  
BUILDING RENOVATIONS  
AUGUSTA, MAINE

SECTION 270000 - COMMUNICATIONS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section. Specific drawings include ET101, ET102, ET103, ET501 and ET502.
- B. The State of Maine Telecommunications Facilities & Wiring Specifications Revised January 2024.

1.2 SCOPE

- A. This document represents the initial attempt to codify the document referenced in 1.1.B above in Master Format. This document will be revised as the 221 State Street Project progresses. The project is currently in the estimating and bidding phase and as such this document will be initially limited to support these activities.

1.3 SUMMARY

- A. Stakeholders - For the purposes of this project the State of Maine Network Services Department consists of Two Stakeholders, Operations and Outside Plant hereafter referred to as NSO and NSOSP. NSO is responsible for the Active components of the SOM network, gateways, routers, switches and uninterruptable power supplies (UPS). NSOSP is responsible for providing the physical layer of the network, cables and cabling, jacks, racks, ladder tray, and associated hardware components. NSOSP considers NSO to be a client to whom NSOPS provides the physical framework of the network.
- B. Requirements - NSOSP and its client NSO have very specific requirements for manufacturers, components and methods. These requirements are based on many years of consolidating around those components and methods that are reliable and support the mission of Network Services. Exceptions and deviations from any of the components and methods stated herein and/or on the Drawings Set shall require the approval of Network Services and the BGS Project Manager.
- C. Communication & Coordination – All communication(s) relating to Division 27 for the 221 State Street Project shall include the SOM BGS Project Manager, Management Team, and the Network Services Outside Plant designated Project Manager. NSOSP will forward any communications it deems necessary to NSO on as needed basis.
- D. Demolition – Currently there are several ACTIVE (IN USE) Fiber Optic (FO) Cables and Two (2) Copper Plain Old Telephone System (POTS) Cables (900-Pair & 200-Pair) running to and through the existing “IT” Room on the First Floor. These are PASS-

221 STATE STREET  
BUILDING RENOVATIONS  
AUGUSTA, MAINE

THROUGH cables and although they will no longer be supporting operations in 221 State Street at the time of demolition, they do support mission critical operations in several other buildings. A 900-Pair Copper Cable and a FO Cable enter the building through penetration at the Northwest corner of the building, and a 200-Pair Cable and a FO Cable enter the building through a penetration/junction box at the Southwest corner of the building. These cables support mission critical operations including data, phone and fire alarm circuits in other buildings. NSOSP will replace these cables with new cables whose routing will bypass 221 State Street; however, this work will not be performed until at least May of 2026 when the underground conduits and manholes in the Capitol Campus are free of ice. The General Contractor and subcontractors shall coordinate demolition of the conduits and infrastructure of the "IT Room" on the First Floor with NSOSP to prevent damage to these cables prior to their obsolescence.

E. Communications Pathways (Conduit, Wire Basket Tray and Sleeves):

The GC/Electrical trades shall install communications pathways including Conduits, Wire Basket Tray (4-inch by 4-inch, and 4-inch by 16-inch) and Penetration Sleeves (2-inch and 4-inch) fire stopped, as shown on Drawings ET101, ET102, and ET103.

F. Copper Horizontal Wiring and Device Terminations Standard:

Copper Horizontal Wiring, Devices, and Terminations shall be installed to the CAT6 Cabling Standard.

G. Telecommunications Spaces – 221 State Street shall have three (3) Telecommunications Distribution Spaces as follows:

1. Main Distribution Frame (MDF), First Floor, Room 142.
2. Intermediate Distribution Frame (IDF-A), Second Floor, Room 220.
3. Intermediate Distribution Frame (IDF-B), Second Floor, Room 318.

H. MDF Room 142 shall support the following horizontal wiring and devices (approximate for estimating purposes):

Blue Cat6 Cable, terminated with CAT6 Orange Data Jack: (24 Camera, 3 Floor Box, 67 Wall, 14 Wireless Access Points, and 3 for Elevator Room 003.) for a total Quantity of 114. Some Wall Jacks may be combined for cubicle furniture.

Gray CAT6 Cable, terminated with CAT6 Gray Analog Jack: 2 for Multi-Function Device and Call Station locations, and 1 for Elevator Room 003: for a total Quantity 3.

I. IDF-A Room 220 shall support the following horizontal wiring and devices (approximate for estimating purposes):

Blue Cat6 Cable, terminated with CAT6 Orange Data Jack: (8 Camera, 6 Floor Box, 94 Wall, 11 Wireless Access Points) for a total Quantity of 119. Some Wall Jacks may be combined for cubicle furniture.

Gray CAT6 Cable, terminated with CAT6 Gray Analog Jack: Quantity 8 for Multi-Function devices and Call Stations.

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BUILDING RENOVATIONS  
AUGUSTA, MAINE

- J. IDF-B Room 318 shall support the following horizontal wiring and devices (approximate for estimating purposes):  
Blue Cat6 Cable, terminated with CAT6 Orange Data Jack: (7 Camera, 1 Floor Box, 119 Wall, 13 Wireless Access Points) for a total Quantity of 137. Some Wall Jacks may be combined for cubicle furniture.  
Gray CAT6 Cable, terminated with CAT6 Gray Analog Jack for Multi-Function Devices and Call Stations: Quantity 8
- K. Responsibilities – The General Contractor and Electrical trades shall be responsible for providing and installation of all Uni-strut, Junction Boxes, Conduits, Sleeves, Wire Basket Tray, and Fire Stop Material for communications pathways. Additionally, GC/Electrical shall be responsible for installation of the Rack Power as shown in the figures and the Telecom Grounding System.  
The General Contractor and Telecommunications trades shall be responsible for installation of all Network Racks, Ladder Tray and Supporting Hardware. Additionally, the GC/Telecom shall be responsible for installation of all Structured Cabling, Wiring Devices, Patch Panels, and Faceplates. See Figures 27.1.A through 27.5.G.  
Upon acceptance of the physical infrastructure the State of Maine Network Operations will provide and install the Electronics (Network Switches, Un-Interruptible Power Supplies, and Wireless Access Points)
- L. The manufacturers and products specified in this Table constitute the design basis of the physical layer of the State of Maine Network:
- M. Confirm all quantities on drawings prior to ordering,

SEQUENCE #	CATEGORY	DESCRIPTION	PART NUMBER	QUANTITY	NOTES
01	RACK	CHATSWORTH Universal Rack 19-In EIA Two Post Rack; Two Top Angles; 7-Ft H; 45U Clear	46353-503	3	
02	RACK	CHATSWORTH Concrete Floor Installation Kit; Includes (4) 3/8-In threaded components; Zinc Finish	40604-001	3	
03	RACK	CHATSWORTH Wide Vertical Cabling Section Double Sided, Clear 7-Ft H x 6-In W x 12.75-In D	11729-503	6	
04	RACK	CHATSWORTH 3-Inch Channel Rack-To-Runway Mounting Plate Using J-Bolts 9 to 12-In W Runway; Gray	10595-112	3	SEQUENCE 04 OR SEQUENCE 05 OR SEQUENCE 06.
05	RACK	CHATSWORTH Cable Runway Elevation Kit for Racks; 4 - 6-In H; Gray	10506-106	3	SEQUENCE 04 OR SEQUENCE 05 OR SEQUENCE 06.
06	RACK	CHATSWORTH Cable Runway Elevation Kit for Racks; 10 - 12-In H; Gray	10506-108	3	SEQUENCE 04 OR SEQUENCE 05 OR SEQUENCE 06.
07	RUNWAY	CHATSWORTH Universal Cable Runway 12-In W x 1.5-In H x 9.96-Ft L; Gray	10250-112	TBD	Total Length To Be Determined
08	RUNWAY	CHATSWORTH Wall Angle Support Kit; 14-In W x 2-In H x 2-In D; Gray	11421-112	TBD	
09	RUNWAY	CHATSWORTH Butt-Splice Kit; 0.38-In W x 1.5-In H x 5-In L; Gold	11301-001	TBD	
10	RUNWAY	CHATSWORTH Junction-Splice Kit; 0.38-In W x 1.5-In H; Gold	11302-001	TBD	
11	RUNWAY	CHATSWORTH Cable Runway Radius Drop; Cross Member; 11-In W; Gray	12100-112	6	
12	RUNWAY	CHATSWORTH Cable Runway Corner Bracket 15-In W x 1.5-In H x 15.48-In L; Gray	11959-115	6	
13	RUNWAY	CHATSWORTH Cable Runway Center Support Kit 12.6-In Gray	12362-112	TBD	

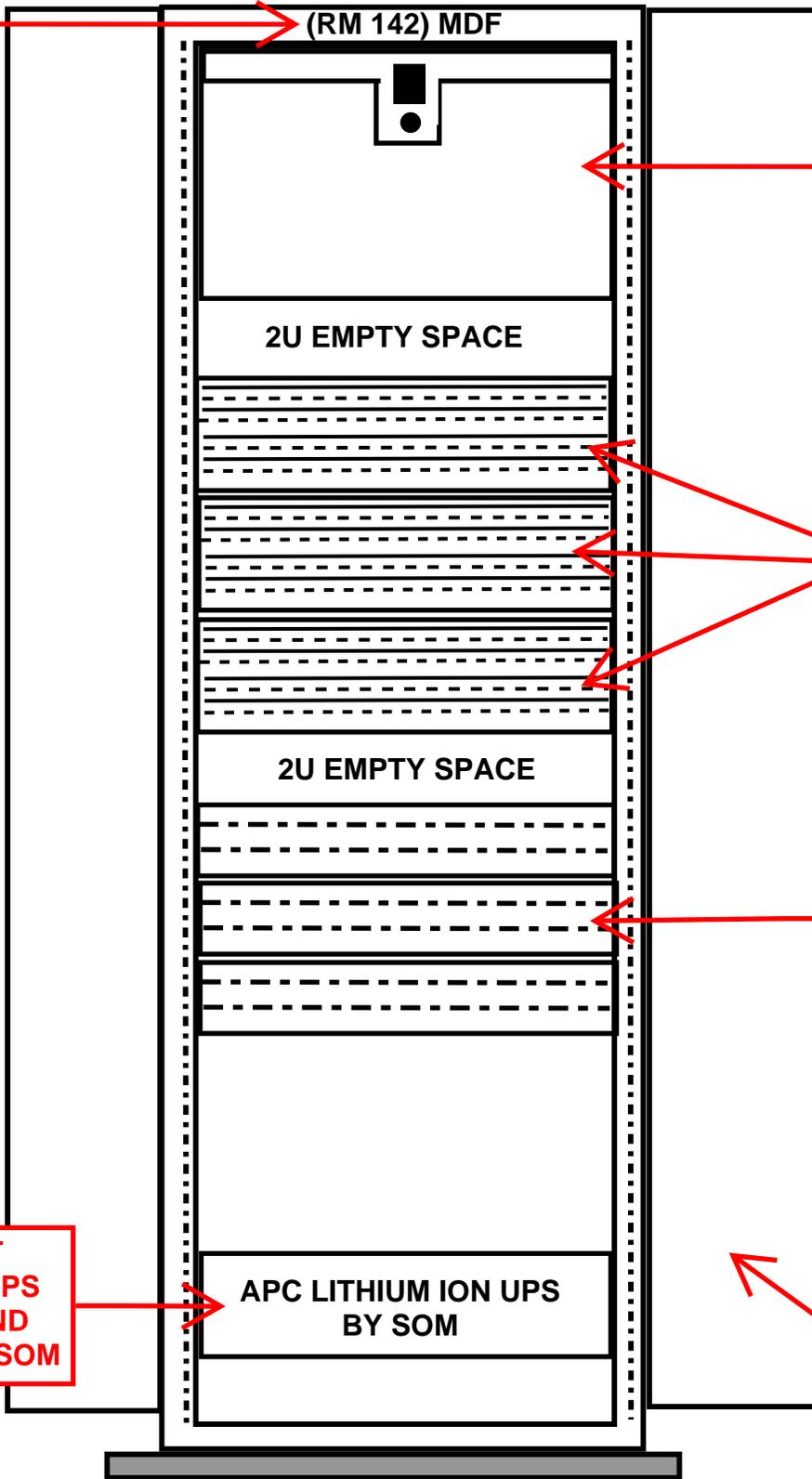
14	RUNWAY	CHATSWORTH 5/8-11 Threaded Drop Rod Gold Various Lengths	11440-###	TBD	Select From Various Lengths as Needed.
15	RUNWAY	CHATSWORTH 5/8 Flat Washer; Gold	04002-001	TBD	
16	RUNWAY	CHATSWORTH 5/8 Split Lock Washers; Gold	04003-001	TBD	
17	RUNWAY	CHATSWORTH 5/8-11 Hex Nuts; Gold	20142-111	TBD	
18	RUNWAY	CHATSWORTH Threaded Rod Coupling Kit	10697-002	TBD	
19	RUNWAY	CHATSWORTH Cable Runway Protective End Caps; 0.38-In W x 1.5-In H	10462-001	TBD	
20	RUNWAY	CHATSWORTH Vertical Wall Brackets 3/8; 1.5-In H; Gold	10608-001	TBD	
21	FIBER HOUSINGS	CORNING Pretium Connector Housing 4U Holds 12 CCH Connector Panels	PCH-04U	1	
22	FIBER HOUSINGS	CORNING Pretium Connector Housing 2U; Holds 4 CCH Connector Panels	PCH-02U	2	
23	FIBER HOUSINGS	CORNING Closet Connector Housing Panel LC Adapters Duplex UPC 12F Single Mode (OS2)	CCH-CP12-A9	14	
24	FIBER HOUSINGS	CORNING FuseLite 2 Splice-on Connector LC UPC, 900 micron, Single-mode (OS2), Pack of 25	FL2-LCU-900-SM-25	7	
25	FOC	CORNING MIC Tight-Buffered, Interlocking Armored Cable, Plenum 24F, Single-mode (OS2). 200-Ft Length Total	024E88-33131-A3	200-Ft	1 Cable (MDF to IDF-A) and 1 Cable (MDF to IDF-B)
26	CAT6 CABLE	SYSTIMAX GigaSPEED XL® 2071E ETL Verified Category 6 U/UTP Cable, plenum, blue jacket, 4 pair count, 1000 ft	700208093 2071E BLU	TBD	Used for All Data and VoIP

					Jacks
		(305 m) length, WE TOTE® box			
27	CAT6 CABLE	SYSTIMAX GigaSPEED XL® 2071E ETL Verified Category 6 U/UTP Cable, plenum, slate jacket, 4 pair count, 1000 ft (305 m) length, WE TOTE® box	700214372   2071E SLT	TBD	Used for All Analog Jacks
28	CAT6 CABLE	GigaSPEED XL® 2071E ETL Verified Category 6 U/UTP Cable, plenum, purple jacket, 4 pair count, 1000 ft (305 m) length, WE TOTE® box	760185041   2071E PRP	TBD	Used for HVAC Jacks Only
29	CAT6 WIRING DEVICES	COMMSCOPE Systimax RJ45Patch Panel 1100 GS3 - 48 Port	760206805	10	
30	CAT6 WIRING DEVICES	COMMSCOPE M-Series Modular Jack UNJ600-OR Orange	760257309	380	
31	CAT6 WIRING DEVICES	COMMSCOPE M-Series Modular Jack UNJ600-IV Ivory	7602377861	20	
32	CAT6 WIRING DEVICES	COMMSCOPE SMB-2P-246 Surface Mount Box Universal Two Port Ivory	SMB-2P-246	40	
33	CAT6 WIRING DEVICES	COMMSCOPE M12L-262 Faceplate	108168469   M12L-262	TBD	
34	COPPER	CIRCA TELECOM Building Entrance Terminal 110/110 With Cover and Splice, 50-Pair	1880ECA1-50		
35	COPPER	50-Pair Voice Grade Plenum Cable - 24AWG		200-Ft	
36	COPPER	110 Cross Connect Kit, 50-Pair, With Legs, 5-Pair Connector Block C5 Kit	569434-1	5	For Riser Cables
37	COPPER	110 Cross Connect Kit, 50-Pair, With Legs, 4-Pair Connector Block C4 Kit	569433-1	3	For Station Cables
38	SUPPORT	nVent CADDY Cat 16HP		TBD	As Needed Between Basket Tray and Final Jack Location

<b>39</b>	<b>SUPPORT</b>	<b>nVent CADDY Cat 32HP</b>	<b>TBD</b>	<b>As Needed Between Basket Tray and Final Jack Location</b>
<b>40</b>	<b>SUPPORT</b>	<b>nVent CADDY Cat 64HP</b>	<b>TBD</b>	<b>As Needed Between Basket Tray and Final Jack Location</b>
<b>41</b>	<b>SUPPORT</b>	<b>nVent CADDY Cat HP J-Hook with BC Beam Clamp</b>	<b>TBD</b>	<b>As Needed Between Basket Tray and Final Jack Location</b>

**FIGURE 27.1.A  
ROOM 142 MDF  
RACK FRONT 1ST FLOOR**

**Affix Label**



**CORNING  
PRETIUM PCH-04U  
CONNECTOR  
HOUSING QTY (1)**

**COMMSCOPE  
SYSTIMAX 1100  
GS3 48 PORT  
PANEL QTY (3)  
PN 760206805**

**NETWORK  
SWITCHES  
PROVIDED AND  
INSTALLED BY SOM**

**APC SMART  
LITHIUM ION UPS  
PROVIDED AND  
INSTALLED BY SOM**

**APC LITHIUM ION UPS  
BY SOM**

**CHATSWORTH  
DOUBLE-SIDED  
WIDE VERTICAL  
CABLING  
SECTION (QTY 2)  
11729-503**

**The manufacturers and  
products specified herein  
constitute the design  
basis of the physical layer  
of the State of Maine  
Network**

**CHATSWORTH  
UNIVERSAL  
RACK (3-INCH  
CHANNEL)  
46353-503**

**221 STATE STATE STREET BUILDING RENOVATIONS  
BGS PROJECT NO 3143 AUGUSTA MAINE  
FIGURE 27.1.A ROOM 142 MDF RACK FRONT  
Drawn By Charles B Fritz  
1-17-2026 REV 0**

**FIGURE 27.1.B  
ROOM 142 MDF  
RACK REAR 1ST FLOOR**

**Affix Label**

**HOMERUN  
CONDUIT TO  
PANELBOARD  
GTL11**

**HOMERUN  
CONDUIT TO  
PANELBOARD  
GTL11**

**CHATSWORTH  
UNIVERSAL TWO  
POST RACK  
(3-INCH  
CHANNEL)  
46353-503**

**CHATSWORTH  
DOUBLE-SIDED  
WIDE VERTICAL  
CABLING SECTION  
(QTY 2) 11729-503**

**NEMA  
L6-30R**

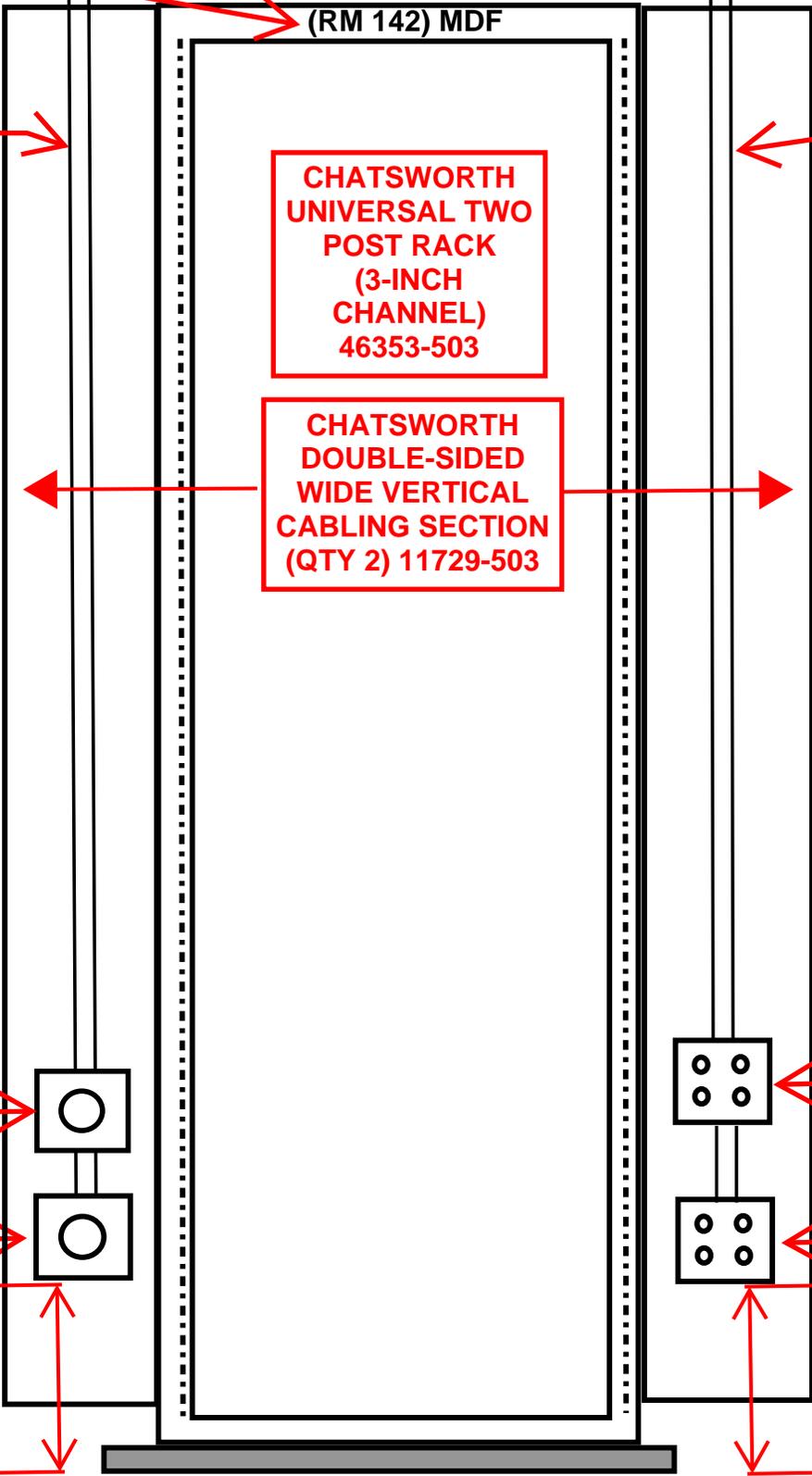
**NEMA  
L5-30R**

**INSTALL AT  
14-Inches  
AFF**

**NEMA 5-20R  
Quad CKT A**

**NEMA 5-20R  
Quad CKT B**

**INSTALL AT  
14-Inches  
AFF**



**The manufacturers and  
products specified herein  
constitute the design  
basis of the physical layer  
of the State of Maine  
Network**

**221 STATE STATE STREET BUILDING RENOVATIONS  
BGS PROJECT NO 3143 AUGUSTA MAINE  
FIGURE 27.1.B ROOM 142 MDF RACK REAR  
Drawn By Charles B Fritz  
1-17-2026 REV 0**

The manufacturers and products specified herein constitute the design basis of the physical layer of the State of Maine Network

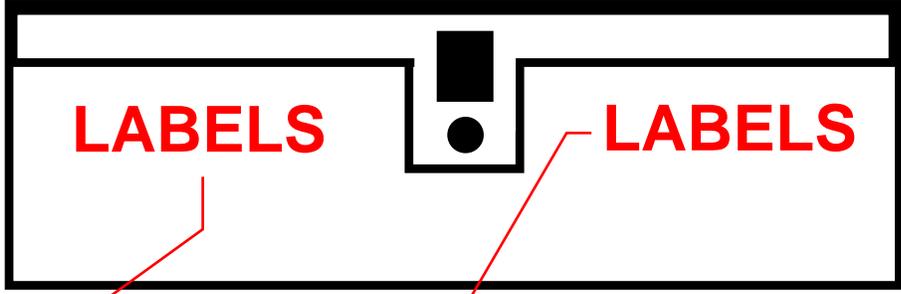
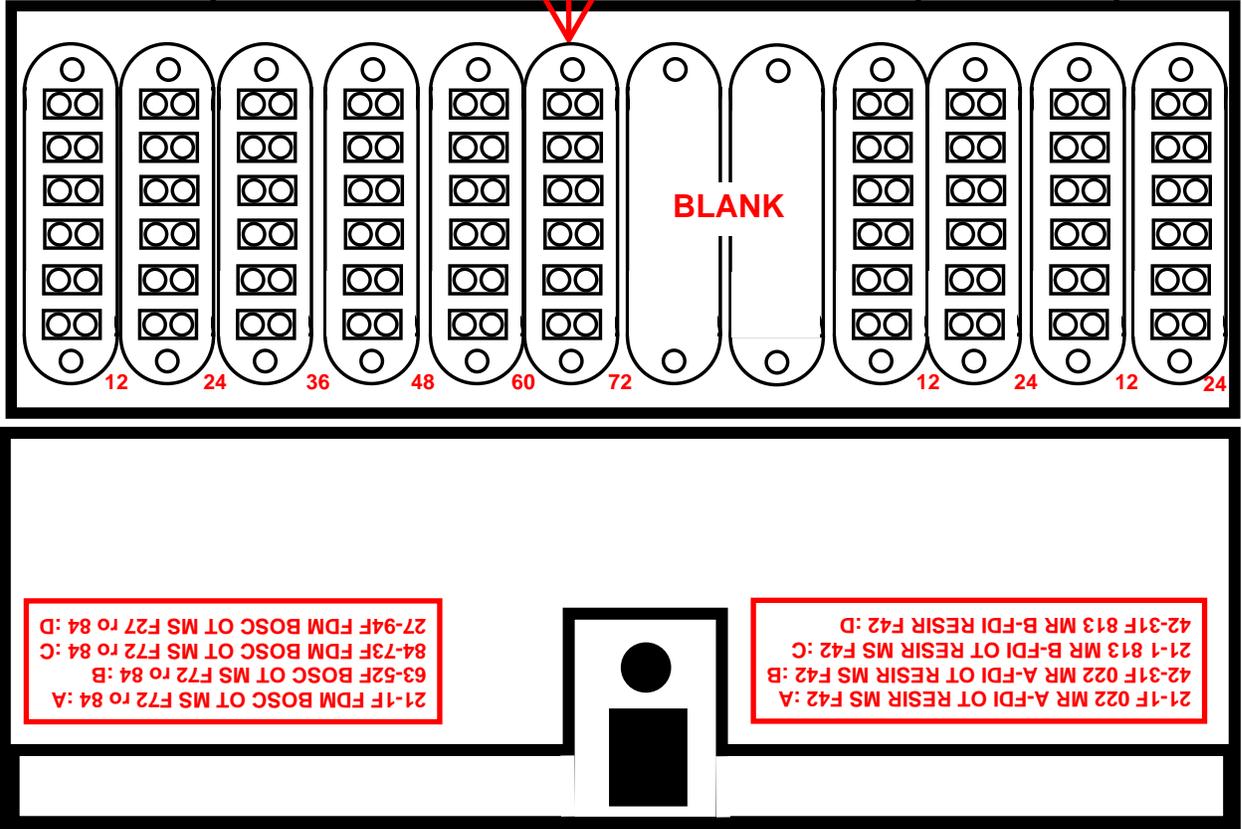
**FIGURE 27.1.C  
ROOM 142 MDF  
RACK FRONT 1ST FLOOR**

**CORNING CCH-CP12-A9  
CLOSET CONNECTOR  
HOUSING PANEL LC  
ADAPTERS DUPLEX UPC  
12F SINGLE MODE (OS2)  
QTY 10**

**24F SM RISER  
TO IDF-A RM 220**

**24F SM RISER TO  
IDF-B RM 318**

**48F or 72F SM OS2  
FIBER CABLE  
FROM CSOB MDF**

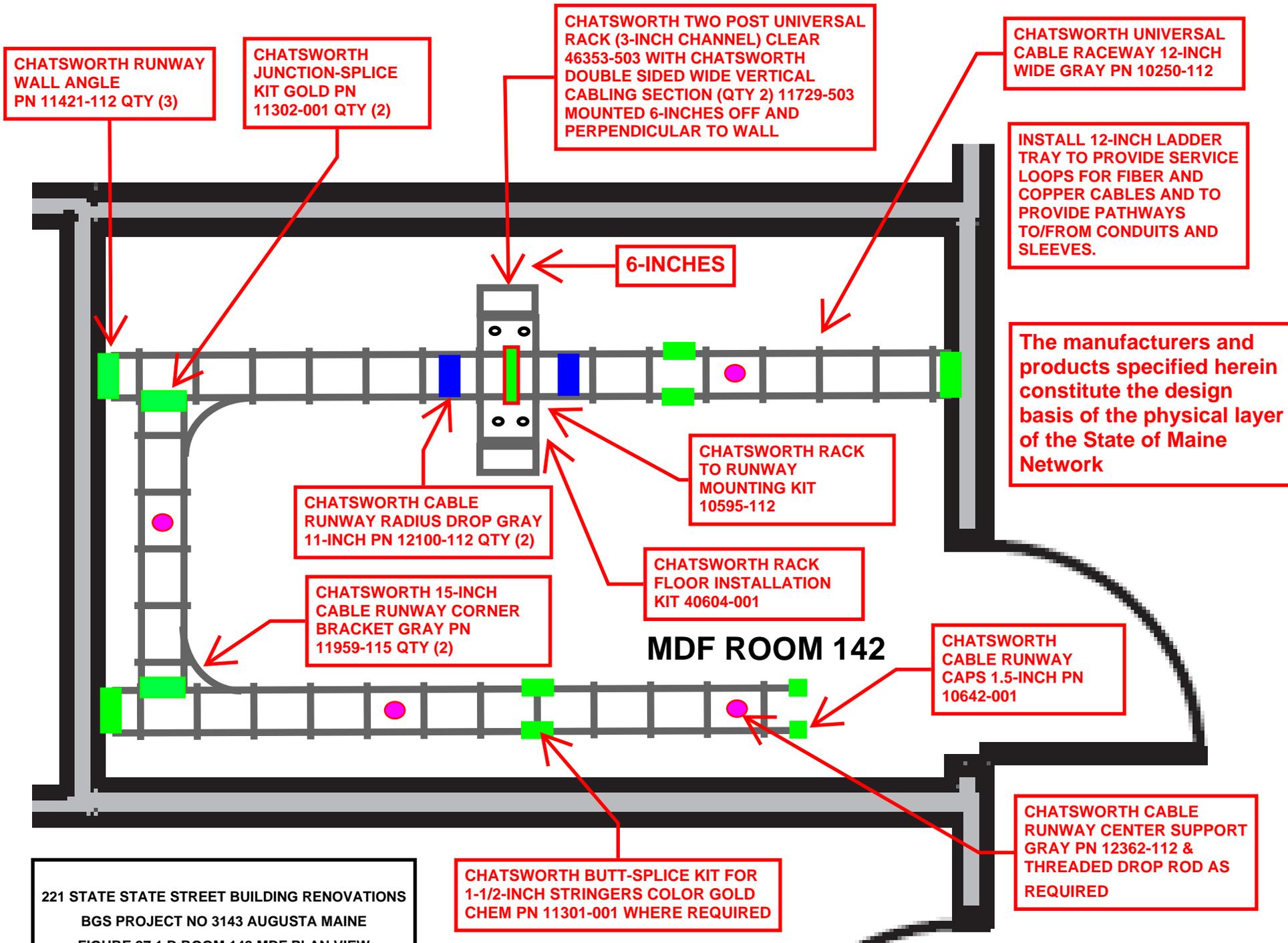


**CORNING  
PRETIUM PCH-04U  
CONNECTOR  
HOUSING QTY (1)**

**A: 48 or 72F SM TO CSOB MDF F1-12  
B: 48 or 72F SM TO CSOB MDF F25-36  
C: 48 or 72F SM TO CSOB MDF F37-48  
D: 48 or 72F SM TO CSOB MDF F49-72**

**A: 24F SM RISER TO IDF-A RM 220 F1-12  
B: 24F SM RISER TO IDF-A RM 220 F13-24  
C: 24F SM RISER TO IDF-B RM 318 F1-12  
D: 24F SM RISER TO IDF-B RM 318 F13-24**

**221 STATE STATE STREET BUILDING RENOVATIONS  
BGS PROJECT NO 3143 AUGUSTA MAINE  
FIGURE 27.1.C ROOM 142 MDF RACK FRONT  
Drawn By Charles B Fritz  
1-17-2026 REV 0**



CHATSWORTH RUNWAY WALL ANGLE PN 11421-112 QTY (3)

CHATSWORTH JUNCTION-SPLICE KIT GOLD PN 11302-001 QTY (2)

CHATSWORTH TWO POST UNIVERSAL RACK (3-INCH CHANNEL) CLEAR 46353-503 WITH CHATSWORTH DOUBLE SIDED WIDE VERTICAL CABLING SECTION (QTY 2) 11729-503 MOUNTED 6-INCHES OFF AND PERPENDICULAR TO WALL

CHATSWORTH UNIVERSAL CABLE RACEWAY 12-INCH WIDE GRAY PN 10250-112

INSTALL 12-INCH LADDER TRAY TO PROVIDE SERVICE LOOPS FOR FIBER AND COPPER CABLES AND TO PROVIDE PATHWAYS TO/FROM CONDUITS AND SLEEVES.

6-INCHES

The manufacturers and products specified herein constitute the design basis of the physical layer of the State of Maine Network

CHATSWORTH CABLE RUNWAY RADIUS DROP GRAY 11-INCH PN 12100-112 QTY (2)

CHATSWORTH RACK TO RUNWAY MOUNTING KIT 10595-112

CHATSWORTH 15-INCH CABLE RUNWAY CORNER BRACKET GRAY PN 11959-115 QTY (2)

CHATSWORTH RACK FLOOR INSTALLATION KIT 40604-001

**MDF ROOM 142**

CHATSWORTH CABLE RUNWAY CAPS 1.5-INCH PN 10642-001

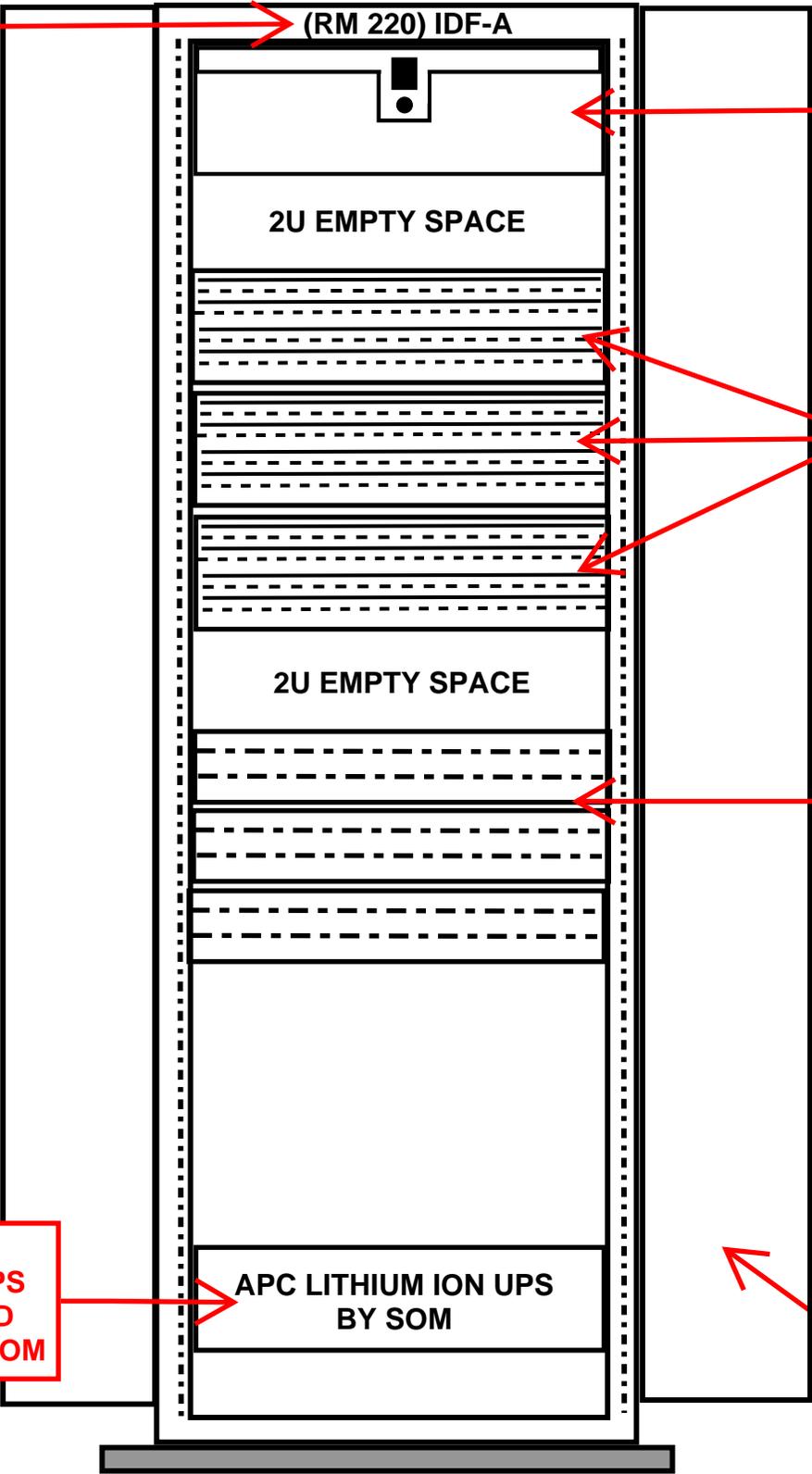
CHATSWORTH BUTT-SPLICE KIT FOR 1-1/2-INCH STRINGERS COLOR GOLD CHEM PN 11301-001 WHERE REQUIRED

CHATSWORTH CABLE RUNWAY CENTER SUPPORT GRAY PN 12362-112 & THREADED DROP ROD AS REQUIRED

221 STATE STATE STREET BUILDING RENOVATIONS  
 BGS PROJECT NO 3143 AUGUSTA MAINE  
 FIGURE 27.1.D ROOM 142 MDF PLAN VIEW  
 Drawn By Charles B Fritz  
 1-17-2026 REV 0

**FIGURE 27.2.A  
ROOM 220 IDF-A  
RACK FRONT 2ND FLOOR**

**Affix Label**



**CORNING  
PRETIUM PCH-02U  
CONNECTOR  
HOUSING QTY (1)**

**COMMSCOPE  
SYSTIMAX 1100  
GS3 48 PORT  
PANEL QTY (3)  
PN 760206805**

**NETWORK  
SWITCHES  
PROVIDED AND  
INSTALLED BY SOM**

**APC SMART  
LITHIUM ION UPS  
PROVIDED AND  
INSTALLED BY SOM**

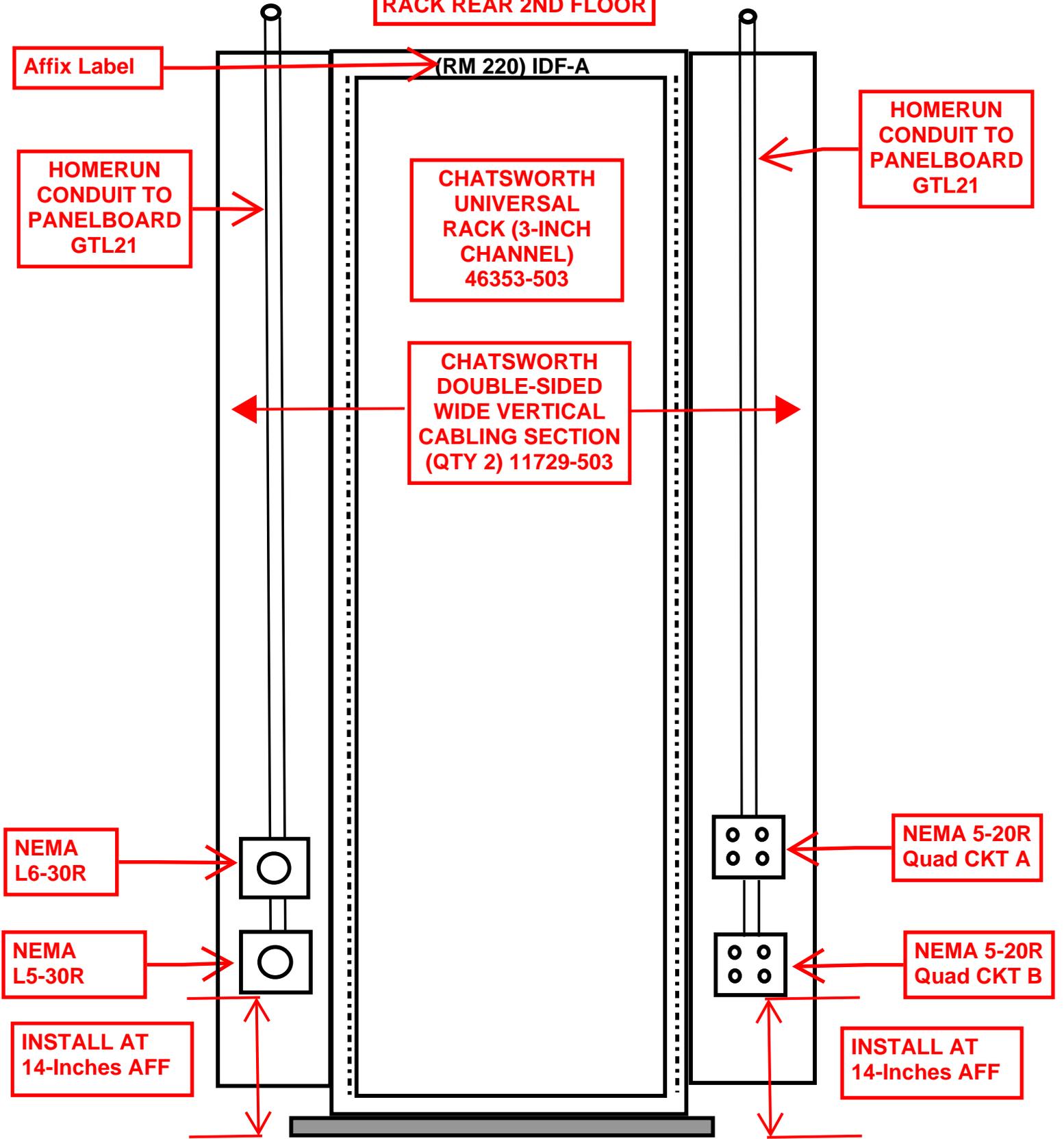
**CHATSWORTH  
DOUBLE-SIDED  
WIDE VERTICAL  
CABLING  
SECTION (QTY 2)  
11729-503**

**The manufacturers and  
products specified herein  
constitute the design  
basis of the physical layer  
of the State of Maine  
Network**

**CHATSWORTH  
UNIVERSAL  
RACK (3-INCH  
CHANNEL)  
46353-503**

**221 STATE STATE STREET BUILDING RENOVATIONS  
BGS PROJECT NO 3143 AUGUSTA MAINE  
FIGURE 27.2.A ROOM 220 IDF-A RACK FRONT  
Drawn By Charles B Fritz  
1-17-2026 REV 0**

**FIGURE 27.2.B  
ROOM 220 IDF-A  
RACK REAR 2ND FLOOR**



**The manufacturers and products specified herein constitute the design basis of the physical layer of the State of Maine Network**

**221 STATE STATE STREET BUILDING RENOVATIONS  
BGS PROJECT NO 3143 AUGUSTA MAINE  
FIGURE 27.2.B ROOM 220 IDF-A RACK REAR  
Drawn By Charles B Fritz  
1-17-2026 REV 0**

The manufacturers and products specified herein constitute the design basis of the physical layer of the State of Maine Network

**FIGURE 27.2.C  
ROOM 220 IDF-A  
RACK FRONT 2ND FLOOR**

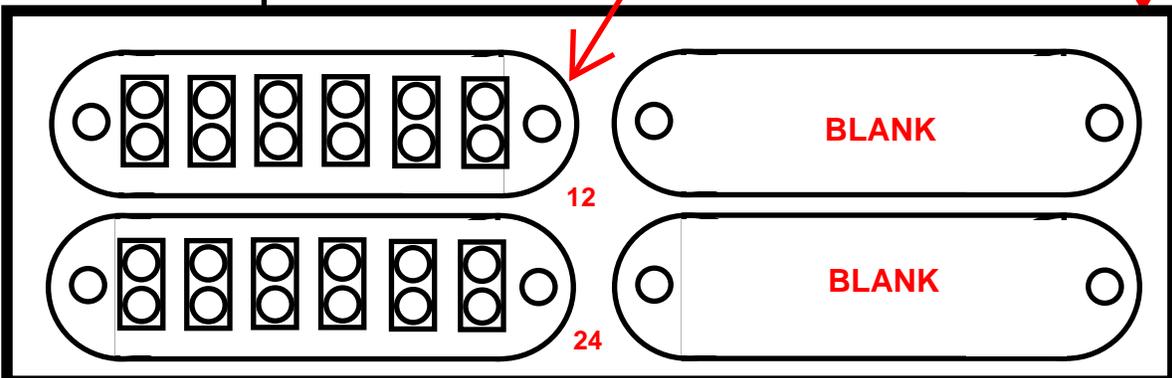
**CORNING CCH-CP12-A9  
CLOSET CONNECTOR  
HOUSING PANEL LC  
ADAPTERS DUPLEX UPC  
12F SINGLE MODE (OS2)  
QTY 2**

**CORNING  
PRETIUM PCH-02U  
CONNECTOR  
HOUSING QTY (1)**

**24F SM OS2 RISER  
FIBER FROM MDF  
ROOM 142**

**A: F1-12**

**B: F13-24**

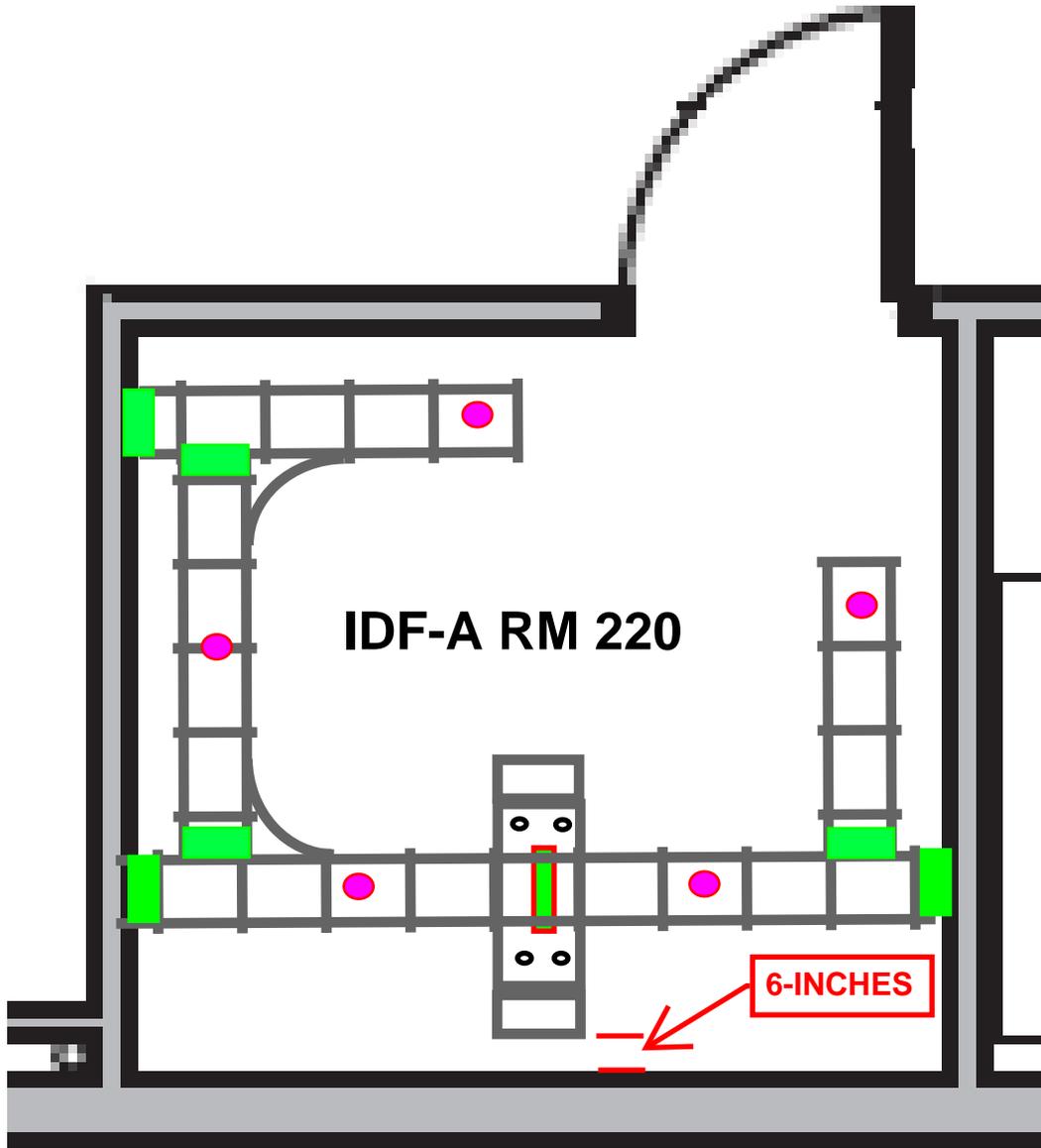


**42-31F 241 MOOR FDM OT MS F42 :B**

**21-1F 241 MOOR FDM OT MS F42 :A**

**LABELS**

**A: 24F SM TO MDF ROOM 142 F1-12  
B: 24F SM TO MDF ROOM 142 F13-24**



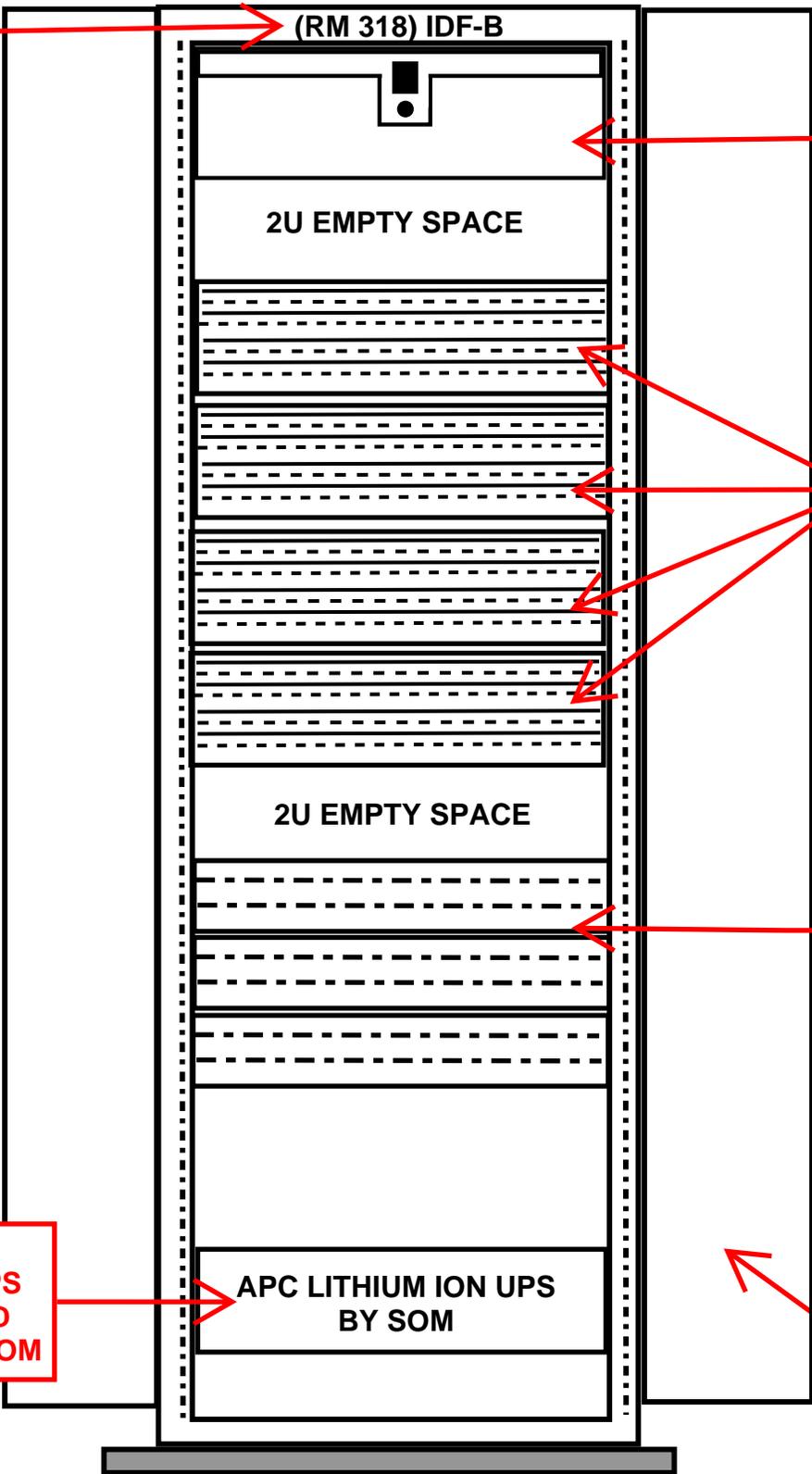
**INSTALL 12-INCH LADDER TRAY TO PROVIDE SERVICE LOOPS FOR FIBER AND COPPER CABLES AND TO PROVIDE PATHWAYS TO/FROM CONDUITS AND SLEEVES.**

**The manufacturers and products specified herein constitute the design basis of the physical layer of the State of Maine Network**

**221 STATE STATE STREET BUILDING RENOVATIONS  
 BGS PROJECT NO 3143 AUGUSTA MAINE  
 FIGURE 27.2.D ROOM 220 IDF-A PLAN VIEW  
 Drawn By Charles B Fritz  
 1-17-2026 REV 0**

**FIGURE 27.3.A  
ROOM 318 IDF-B  
RACK FRONT 3RD FLOOR**

**Affix Label**



**CORNING  
PRETIUM PCH-02U  
CONNECTOR  
HOUSING QTY (1)**

**COMMSCOPE  
SYSTIMAX 1100  
GS3 48 PORT  
PANEL QTY (4)  
PN 760206805**

**NETWORK  
SWITCHES  
PROVIDED AND  
INSTALLED BY SOM**

**CHATSWORTH  
DOUBLE-SIDED  
WIDE VERTICAL  
CABLING  
SECTION (QTY 2)  
11729-503**

**APC SMART  
LITHIUM ION UPS  
PROVIDED AND  
INSTALLED BY SOM**

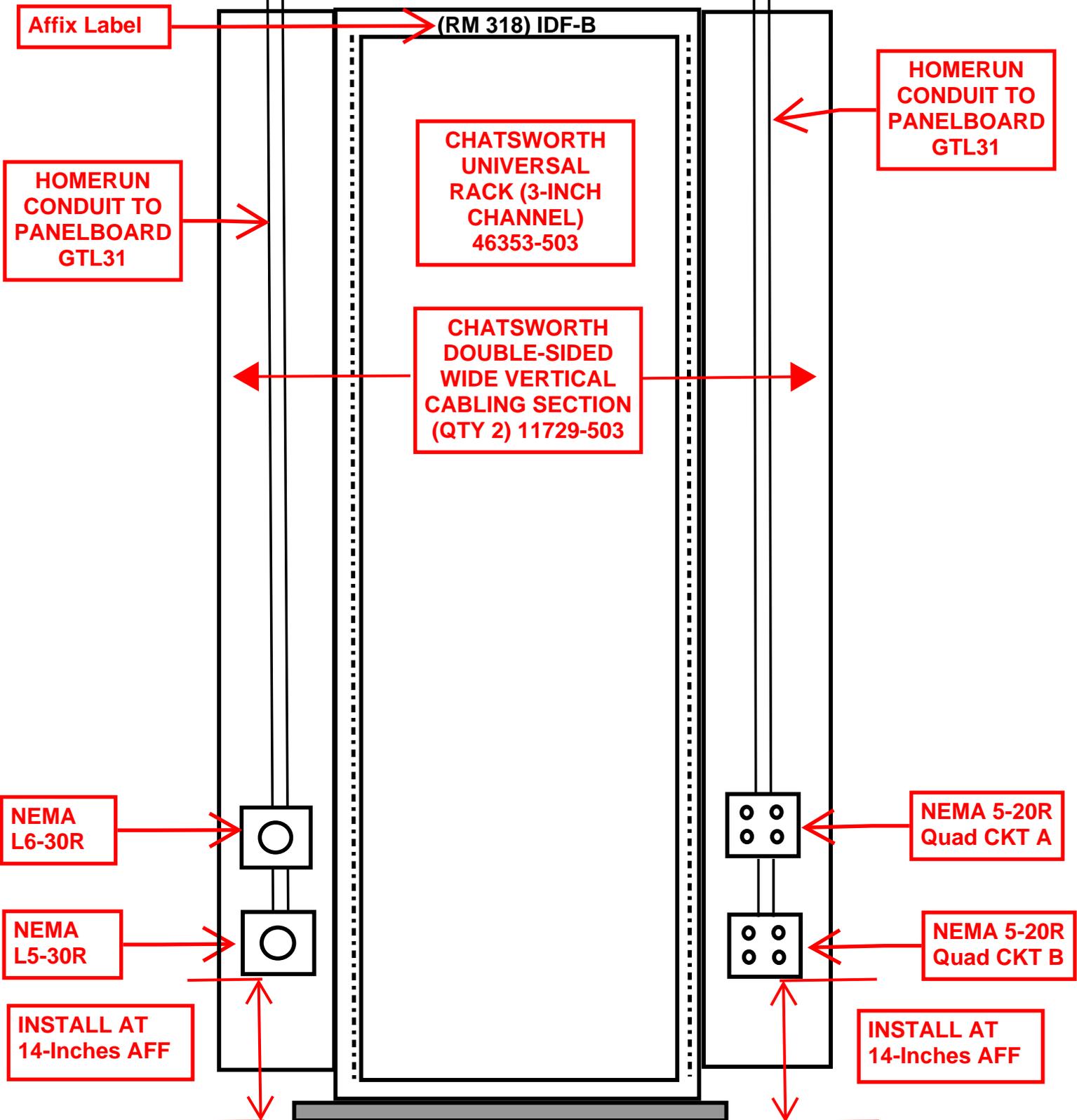
**APC LITHIUM ION UPS  
BY SOM**

**The manufacturers and  
products specified herein  
constitute the design  
basis of the physical layer  
of the State of Maine  
Network**

**CHATSWORTH  
UNIVERSAL  
RACK (3-INCH  
CHANNEL)  
46353-503**

**221 STATE STATE STREET BUILDING RENOVATIONS  
BGS PROJECT NO 3143 AUGUSTA MAINE  
FIGURE 27.3.A ROOM 318 IDF-B RACK FRONT  
Drawn By Charles B Fritz  
1-17-2026 REV 0**

**FIGURE 27.3.B  
ROOM 318 IDF-B  
RACK REAR 3RD FLOOR**



**Affix Label**

**HOMERUN  
CONDUIT TO  
PANELBOARD  
GTL31**

**HOMERUN  
CONDUIT TO  
PANELBOARD  
GTL31**

**CHATSWORTH  
UNIVERSAL  
RACK (3-INCH  
CHANNEL)  
46353-503**

**CHATSWORTH  
DOUBLE-SIDED  
WIDE VERTICAL  
CABLING SECTION  
(QTY 2) 11729-503**

**NEMA  
L6-30R**

**NEMA  
L5-30R**

**INSTALL AT  
14-Inches  
AFF**

**NEMA 5-20R  
Quad CKT A**

**NEMA 5-20R  
Quad CKT B**

**INSTALL AT  
14-Inches  
AFF**

**The manufacturers and  
products specified herein  
constitute the design  
basis of the physical layer  
of the State of Maine  
Network**

**221 STATE STATE STREET BUILDING RENOVATIONS  
BGS PROJECT NO 3143 AUGUSTA MAINE  
FIGURE 27.3.B ROOM 318 IDF-B RACK REAR  
Drawn By Charles B Fritz  
1-17-2026 REV 0**

The manufacturers and products specified herein constitute the design basis of the physical layer of the State of Maine Network

**FIGURE 27.3.C  
ROOM 318 IDF-B  
RACK FRONT 3RD FLOOR**

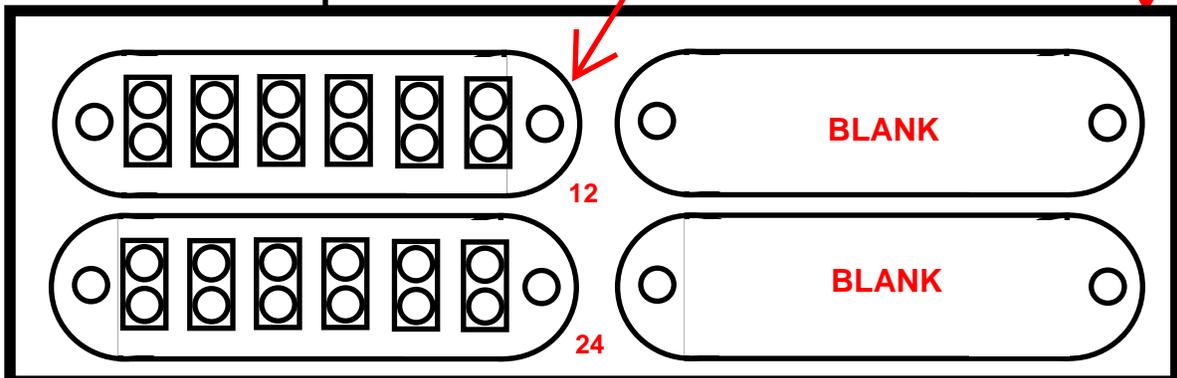
**CORNING CCH-CP12-A9  
CLOSET CONNECTOR  
HOUSING PANEL LC  
ADAPTERS DUPLEX UPC  
12F SINGLE MODE (OS2)  
QTY 2**

**CORNING  
PRETIUM PCH-02U  
CONNECTOR  
HOUSING QTY (1)**

**24F SM OS2 RISER  
FIBER FROM MDF ROOM  
142**

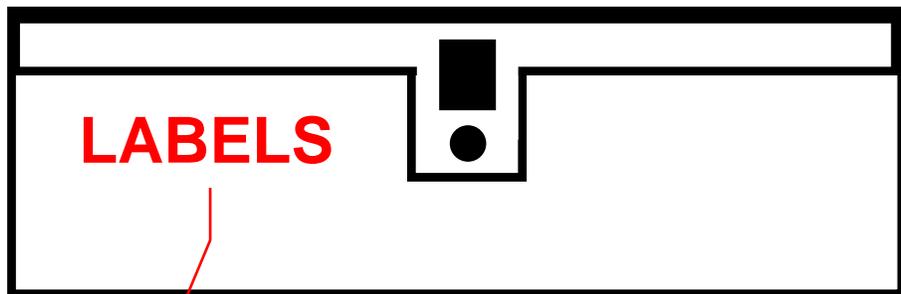
**A: F1-12**

**B: F13-24**

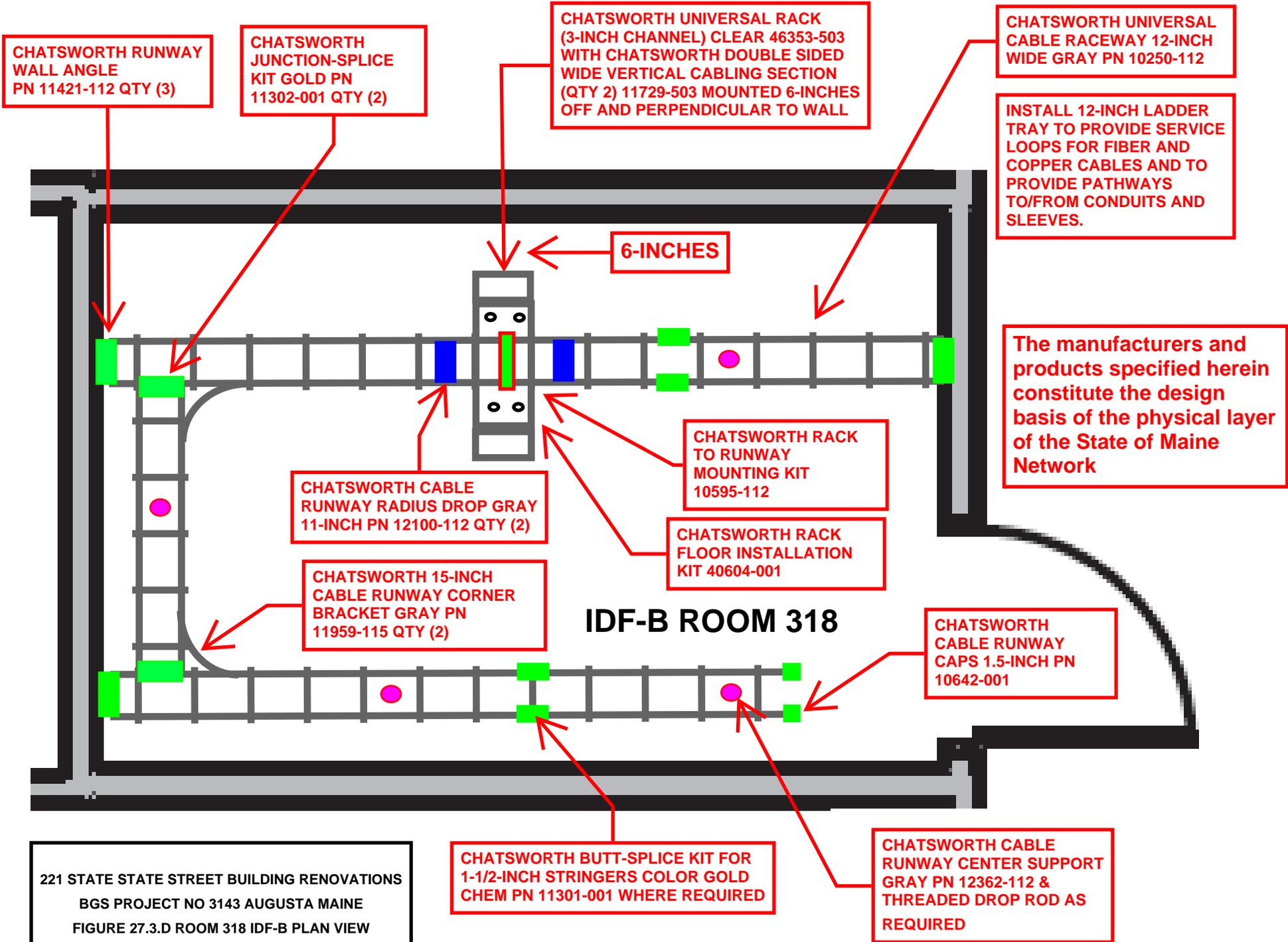


**42-31F 241 MOOR FDM OT MS F42 :B**

**21-1F 241 MOOR FDM OT MS F42 :A**



**A: 24F SM TO MDF ROOM 142 F1-12  
B: 24F SM TO MDF ROOM 142 F13-24**



CHATSWORTH RUNWAY WALL ANGLE  
PN 11421-112 QTY (3)

CHATSWORTH JUNCTION-SPLICE KIT GOLD PN 11302-001 QTY (2)

CHATSWORTH UNIVERSAL RACK (3-INCH CHANNEL) CLEAR 46353-503 WITH CHATSWORTH DOUBLE SIDED WIDE VERTICAL CABLING SECTION (QTY 2) 11729-503 MOUNTED 6-INCHES OFF AND PERPENDICULAR TO WALL

CHATSWORTH UNIVERSAL CABLE RACEWAY 12-INCH WIDE GRAY PN 10250-112

INSTALL 12-INCH LADDER TRAY TO PROVIDE SERVICE LOOPS FOR FIBER AND COPPER CABLES AND TO PROVIDE PATHWAYS TO/FROM CONDUITS AND SLEEVES.

6-INCHES

The manufacturers and products specified herein constitute the design basis of the physical layer of the State of Maine Network

CHATSWORTH CABLE RUNWAY RADIUS DROP GRAY 11-INCH PN 12100-112 QTY (2)

CHATSWORTH RACK TO RUNWAY MOUNTING KIT 10595-112

CHATSWORTH RACK FLOOR INSTALLATION KIT 40604-001

CHATSWORTH 15-INCH CABLE RUNWAY CORNER BRACKET GRAY PN 11959-115 QTY (2)

IDF-B ROOM 318

CHATSWORTH CABLE RUNWAY CAPS 1.5-INCH PN 10642-001

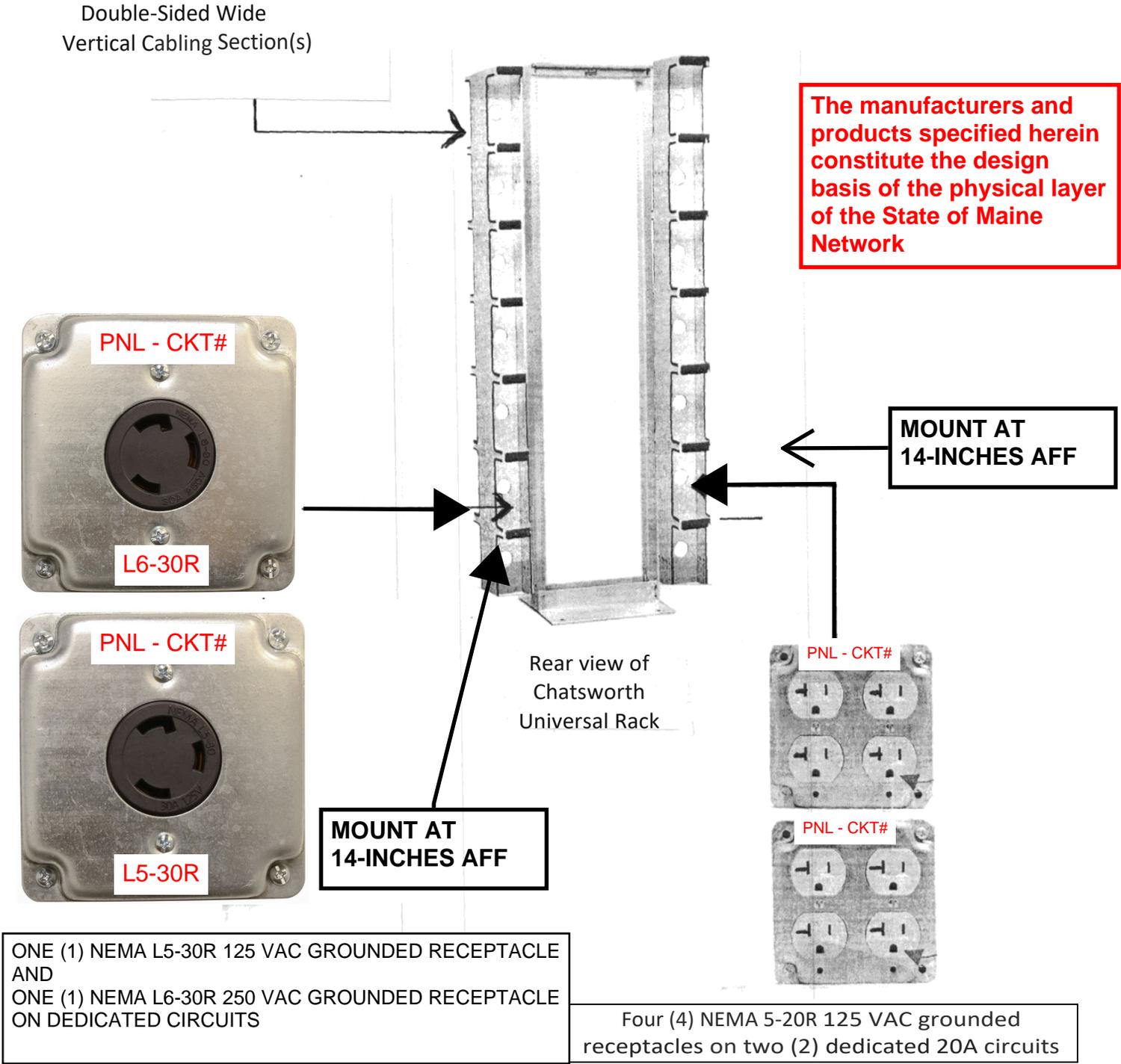
221 STATE STATE STREET BUILDING RENOVATIONS  
BGS PROJECT NO 3143 AUGUSTA MAINE  
FIGURE 27.3.D ROOM 318 IDF-B PLAN VIEW  
Drawn By Charles B Fritz  
1-17-2026 REV 0

CHATSWORTH BUTT-SPLICE KIT FOR 1-1/2-INCH STRINGERS COLOR GOLD CHEM PN 11301-001 WHERE REQUIRED

CHATSWORTH CABLE RUNWAY CENTER SUPPORT GRAY PN 12362-112 & THREADED DROP ROD AS REQUIRED

**FIGURE 27.4 MDF & IDF-A & B RACK POWER**

**TYPICAL TELECOMMUNICATIONS MDF/IDF (SWITCH ROOM) RACK LAYOUT FOR ELECTRICAL**

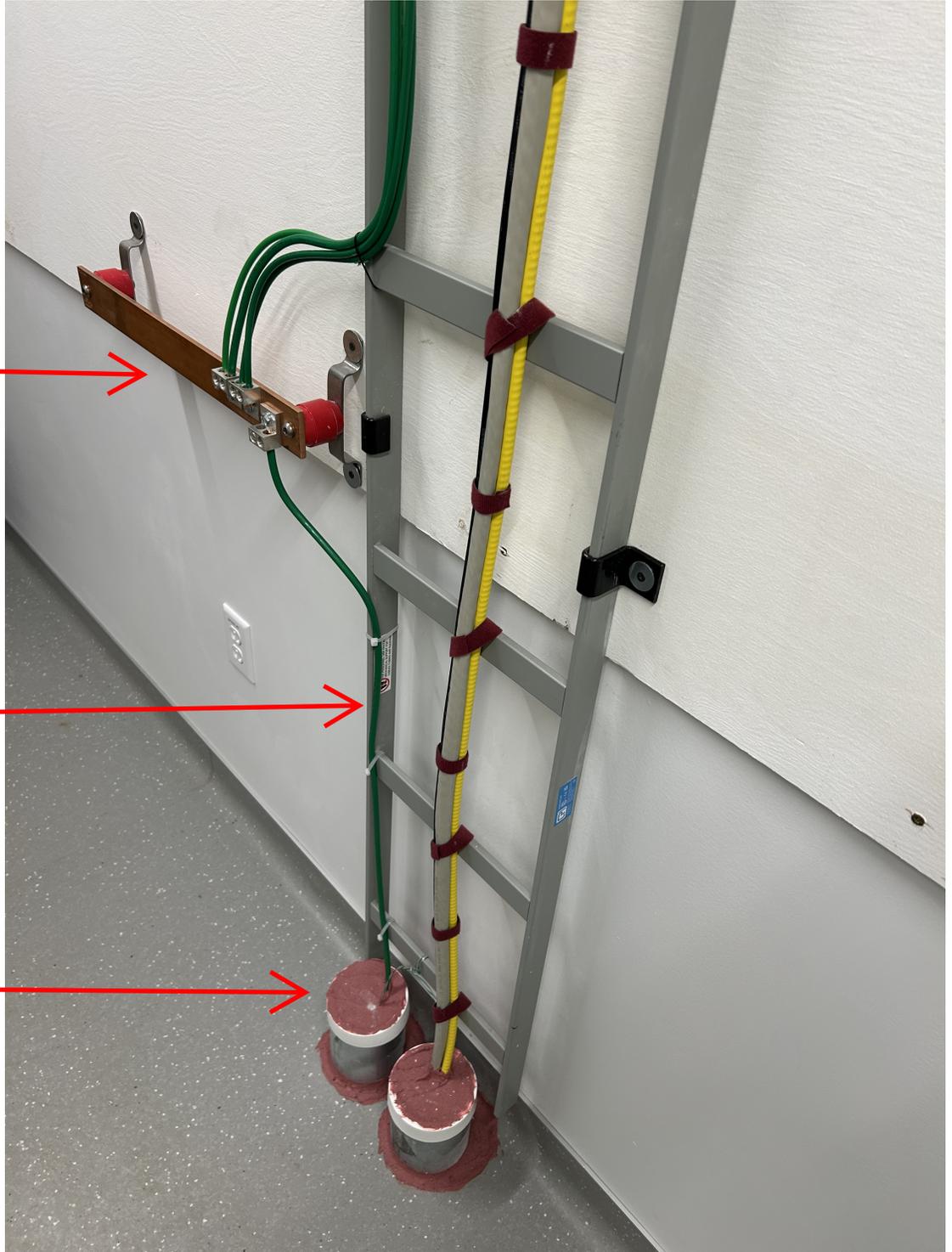


# FIGURE 27.5.A TELECOM DETAILS

**TGB TELECOM  
GROUNDING  
BUS**

**12-INCH  
LADDER TRAY  
INSTALLED  
VERTICALLY**

**CONDUITS WITH FIRE  
STOP**



**The manufacturers and  
products specified herein  
constitute the design  
basis of the physical layer  
of the State of Maine  
Network**

**221 STATE STATE STREET BUILDING RENOVATIONS  
BGS PROJECT NO 3143 AUGUSTA MAINE  
FIGURE 27.5.A TELECOM DETAILS**

# FIGURE 27.5.B TELECOM DETAILS

SLEEVES

12-INCH LADDER TRAY INSTALLED VERTICALLY



The manufacturers and products specified herein constitute the design basis of the physical layer of the State of Maine Network

221 STATE STATE STREET BUILDING RENOVATIONS  
BGS PROJECT NO 3143 AUGUSTA MAINE  
FIGURE 27.5.B TELECOM DETAILS

## FIGURE 27.5.C TELECOM DETAILS



**CHATSWORTH 15-INCH  
CABLE RUNWAY CORNER  
BRACKET GRAY PN  
11959-115**

**The manufacturers and  
products specified herein  
constitute the design  
basis of the physical layer  
of the State of Maine  
Network**

**221 STATE STATE STREET BUILDING RENOVATIONS  
BGS PROJECT NO 3143 AUGUSTA MAINE  
FIGURE 27.5.C TELECOM DETAILS**