

ADDENDUM NO. 2

TO: PLANS AND SPECIFICATIONS FOR THE STATE OF MISSOURI

Install Access Points for Wi-Fi
St Louis Veterans Home
Bellevuefontaine Neighbors, MO
PROJECT NO. U2411-01

Bid Opening Date: 1:30 PM, October 28, 2025 (Unchanged)

Bidders are hereby informed that the construction Plans and/or Specifications are modified as follows:

SPECIFICATION CHANGES:

None

DRAWING CHANGES:

1. Sheet E1.0 – Full Sheet Re-issued
 - a. ADD Note reading: WING A & WING C BOTH HAVE ON-GOING RENOVATION WORK THAT IS NOT YET COMPLETED. ROOM NUMBERS ON THIS PLAN DO NOT MATCH THE FINAL ROOM NUMBERS. LABEL IDENTIFICATION/TAGGING WILL BE DISCUSSED AND COORDINATED WITH THE CONTRACTOR AT THE EARLY STAGES OF CONSTRUCTION.
 - b. ADD to the end of General Note #4:
AT IT RACK, PROVIDE 4' SERVICE LOOP AND 4' PATCH CABLE FOR SWITCH.
 - c. MODIFY Keyed Note #2 to read:
"PROVIDE ONE (1) 48 PORT RACK MOUNT PATCH PANEL" in lieu of
"PROVIDE TWO (2) 48 PORT RACK MOUNT PATCH PANELS"
 - d. RELOCATE Keyed Note #5 and MODIFY to read:
ROUTE DATA CABLING TO NEAREST IDF CLOSET IN THIS WING.
ANTICIPATED DIVIDER LINE BETWEEN THE TWO IDF CLOSETS IN THIS WING.
 - e. ADD Keyed Note #6 to read:
PROVIDE NEW TRIPP LITE SMARTRACK 12U WALL MOUNT RACK (CAT#SRW12US33) WITH HINGED BACK, SWINGING DOORS AND REMOVEABLE SIDES; COORDINATE MOUNTING HEIGHT WITH LOCAL FACILITIES TEAM. MOUNT ON EXISTING FIRE RETARDANT PLYWOOD BACKERBOARD. IN THE CABINET, ADJUST THE FRONT RAILS TO BE 6" FROM THE DOOR. INSTALL RACK AND DOOR TO BOTH SWING AS DIRECTED BY LOCAL FACILITIES TEAM. PROVIDE ONE (1) 48 PORT RACK MOUNT PATCH PANEL IN THE NEW RACK. PROVIDE CAT 6 CABLING TO APPLICABLE ACCESS POINT IN THE A-WING FROM THESE NEW PATCH PANELS. AT EVERY ACCESS POINT, PROVIDE 10'

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SERVICE LOOP AND TERMINATE AT A SURFACE MOUNT BOX ABOVE CEILING. CONNECT A CAT 6 PATCH CABLE FROM THE SURFACE MOUNT PATCH PANEL TO THE ACCESS POINT. LABEL ALL CAT6 CABLING AT BOTH ENDS WITH THE AP NAME. PROVIDE A 6' CAT 6 PATCH CABLE AT THE NEW PATCH PANEL, BUT DO NOT CONNECT CAT 6 PATCH CABLES TO THE SWITCHES. PROVIDE RACK MOUNTED, 1RU 12 PORT FIBER PATCH PANEL IN THE NEW RACK. PROVIDE 12 STRANDS OF ARMOR JACKETED, PLENUM RATED, MULTIMODE FIBER TO FIBER PATCH PANEL IN THE MAIN DATA ROOM 141. TERMINATE WITH LC CONNECTORS. IN MAIN DATA RACK, TERMINATE AT FIBER PATCH PANEL OUTLINED ON SHEET E1.3. AT NEW RACK, PROVIDE FIBER PATCH CABLE LONG ENOUGH TO REACH NEW NETWORK SWITCH FURNISHED BY OWNER'S IT DEPARTMENT. DO NOT CONNECT TO SWITCH, OWNER TO MAKE ALL FINAL CONNECTIONS.

- f. Floor plan changes as shown on plan include but not limited to:
 - i. Location of IDF Closet was adjusted.
 - ii. Added a second IDF and additional scope.
- 2. Sheet E1.2 – Full Sheet re-issued
 - a. ADD Note reading:

WING A & WING C BOTH HAVE ON-GOING RENOVATION WORK THAT IS NOT YET COMPLETED. ROOM NUMBERS ON THIS PLAN DO NOT MATCH THE FINAL ROOM NUMBERS. LABEL IDENTIFICATION/TAGGING WILL BE DISCUSSED AND COORDINATED WITH THE CONTRACTOR AT THE EARLY STAGES OF CONSTRUCTION.
 - b. ADD to the end of General Note #4:

AT IT RACK, PROVIDE 4' SERVICE LOOP AND 4' PATCH CABLE FOR SWITCH.
 - c. MODIFY Keyed Note #2 to read:

“PROVIDE ONE (1) 48 PORT RACK MOUNT PATCH PANEL” in lieu of “PROVIDE TWO (2) 48 PORT RACK MOUNT PATCH PANELS”
 - d. RELOCATE Keyed Note #5 and MODIFY to read:

ROUTE DATA CABLING TO NEAREST IDF CLOSET IN THIS WING. ANTICIPATED DIVIDER LINE BETWEEN THE TWO IDF CLOSETS IN THIS WING.
 - e. ADD Keyed Note #6 to read:

AT EXISTING 2-POST RACK, PROVIDE (1) 48 PORT RACK MOUNT PATCH PANEL. PROVIDE CAT 6 CABLING TO APPLICABLE ACCESS POINTS IN THE C-WING FROM THESE NEW PATCH PANELS. AT EVERY ACCESS POINT, PROVIDE 10' SERVICE LOOP AND TERMINATE AT A SURFACE MOUNT BOX ABOVE CEILING. CONNECT A CAT 6 PATCH CABLE FROM THE SURFACE MOUNT PATCH PANEL TO THE ACCESS POINT. LABEL ALL CAT6 CABLING AT BOTH ENDS WITH THE AP NAME. PROVIDE A 6' CAT 6 PATCH CABLE AT THE NEW PATCH PANEL, BUT DO NOT CONNECT CAT 6 PATCH CABLES TO THE SWITCHES. PROVIDE RACK MOUNTED, 1RU 12 PORT FIBER PATCH PANEL IN THE

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EXISTING RACK. PROVIDE 12 STRANDS OF ARMOR JACKETED, PLENUM RATED, MULTIMODE FIBER TO FIBER PATCH PANEL IN THE MAIN DATA ROOM 141. TERMINATE WITH LC CONNECTORS. IN MAIN DATA RACK, TERMINATE AT FIBER PATCH PANEL OUTLINED ON SHEET E1.3. AT NEW RACK, PROVIDE FIBER PATCH CABLE LONG ENOUGH TO REACH NEW NETWORK SWITCH FURNISHED BY OWNER'S IT DEPARTMENT. DO NOT CONNECT TO SWITCH, OWNER TO MAKE ALL FINAL CONNECTIONS.

- f. Floor plan changes as shown on plan include but not limited to:
 - i. Location of IDF Closet was adjusted.
 - ii. Added a second IDF and additional scope.

3. Sheet E1.3 – Sheet NOT re-issued

- a. MODIFY Keyed Note #1 to read:

MAIN SERVER ROOM 141: PROVIDE TWO (2) 48 PORT 19 INCH RACK MOUNTED FIBER PATCH PANELS AT THE TOP OF THE EXISTING RACK FOR TERMINATING MULTIMODE FIBER FROM A WING, B WING, C WING, BASEMENT, DIETARY AND ADMIN IDFS. PROVIDE ARMOR JACKETED, PLENUM RATED FIBER TO THESE LOCATIONS AS INDICATED ON PLANS. PROVIDE ONE (1) 48 PORT 19 INCH RACK MOUNTED FIBER PATCH PANEL AT THE TOP OF THE EXISTING RACK FOR TERMINATING SINGLE MODE FIBER FROM MAINTENANCE BUILDING (AND GENERATOR BUILD FOR ALTERNATE #1). PROVIDE ARMOR JACKETED, OUTDOOR, PLENUM RATED FIBER TO THESE LOCATION(S) AS INDICATED ON PLANS. PROVIDE 6' FIBER PATCH CABLES FOR ALL; DO NOT CONNECT, OWNER TO MAKE ALL FINAL CONNECTIONS. DO NOT INSTALL CAT 6 CABLING FOR ANY ACCESS POINTS IN THIS ROOM.

BIDDERS QUESTIONS AND RESPONSES:

1. Will we need to install a conduit sleeve into every room receiving a WAP?

Response:

Per specification 260762, all data cabling shall be in sleeves and sealed when passing through partitions.

2. Reviewing the specs it says "Provide a 25 year system performance warranty for the installed data cabling system, components of the optical data backbone cable system, cables, connectors, and transmission speeds of 1Gbit/sec (1000 Base X) commencing upon the date of Substantial Completion."

Can you confirm that does not apply to this project and if it does can you elaborate, please.

Response:

The 25-year system performance warranty requirement does apply to this project. This means the contractor is responsible for ensuring that all installed cabling components (fiber, copper, connectors, patch panels, etc.) are part of an approved manufacturer's cabling system and that the installer is certified by that manufacturer to register the installation for a 25-year system

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performance warranty. The warranty covers transmission performance up to 1 Gbps (1000Base-X) and ensures compliance with TIA and IEEE standards. The warranty period begins at the date of Substantial Completion once the system is registered and approved by the manufacturer.

3. On the Fiber ends are you looking for Cam Style or Splice on ends?

Response:
Cam Style.

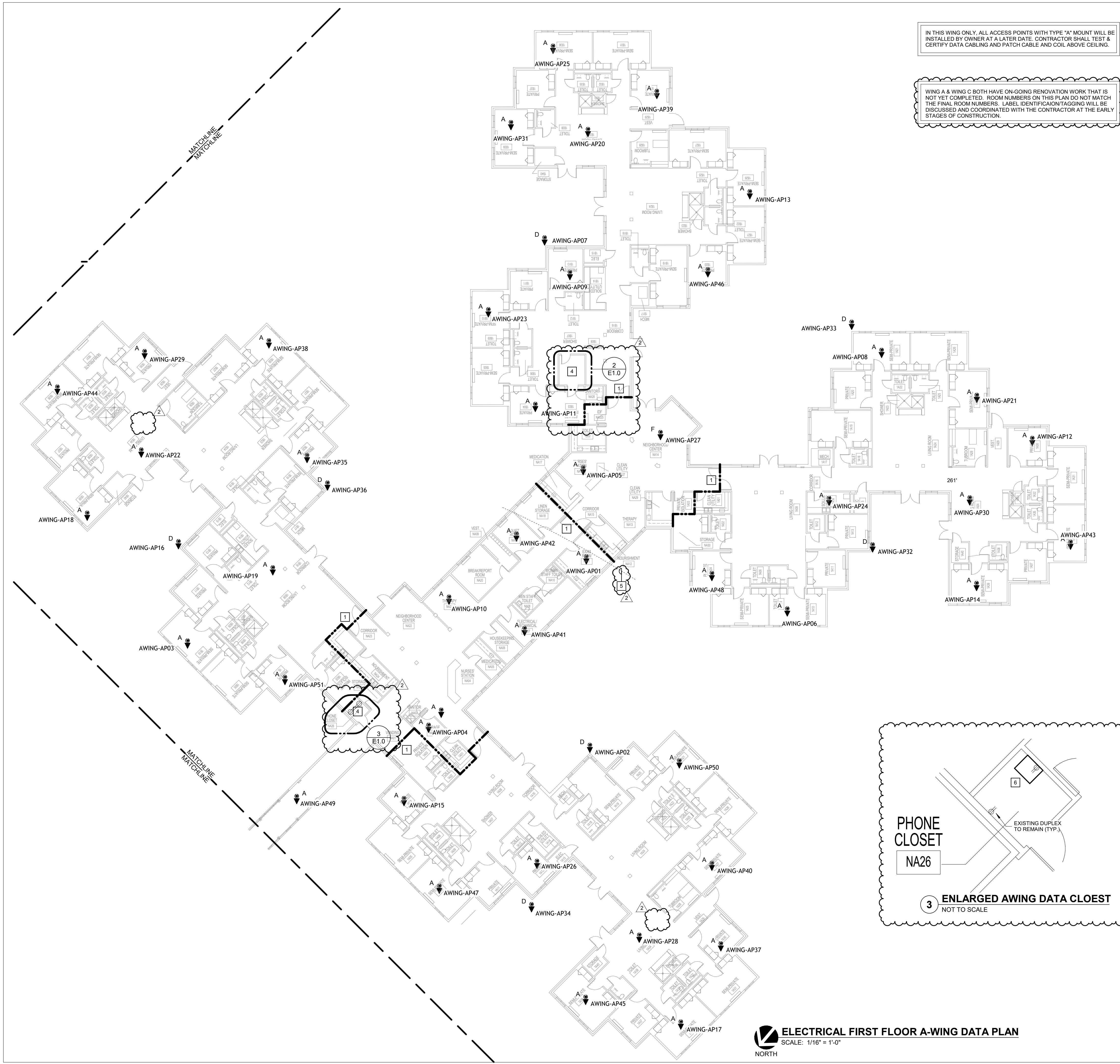
GENERAL COMMENTS:

1. The Pre-Bid Meeting was held October 14, 2025, followed by a walk-through of the project site.
2. If an additional site visit is necessary, please contact Ricky Gibson, 314-421-8620, Ricky.Gibson@mvc.dps.mo.gov, or Scotty Finch, 618-979-0801, Michael.Finch@mvc.dps.mo.gov who will coordinate with the on-site personnel.
3. Please contact Paul Girouard, contract specialist, at paul.girouard@oa.mo.gov for questions about bidding procedures, MBE/WBE/SDVE goals, good faith effort forms, and bid submittal requirements.
4. All bids shall be submitted on the provided bid forms without additional terms and conditions, modifications, or stipulations. Each space on the bid forms shall be properly filled. Failure to do so will result in rejection of the bid.
5. MBE/WBE/SDVE participation requirements can be found in DIVISION 00. The MBE/WBE/SDVE participation goals are 0%/0%/3%, respectively. All MBE, WBE, and SDVE contractors, subcontractors, and suppliers must be certified by the State of Missouri, Office of Equal Opportunity. No other certifications from other Missouri certifying agencies will be accepted. If a bidder is unable to meet a participation goal, a Good Faith Effort Determination Form must be completed. Failure to complete this process will result in rejection of the bid.
6. Changes to, or clarification of, the bid documents are only made as issued in the addenda.
7. All correspondence with respect to this project must include the State of Missouri project number as indicated above.
8. Current Planholders list available online at: <https://oa.mo.gov/facilities/bid-opportunities/bid-listing-electronic-plans> Prospective Bidders contact American Document Solutions, 1400 Forum Blvd Suite 7A, Columbia MO 65203, 573-446-7768 to order official plans and specifications.

ATTACHMENTS:

Sheet E1.0, E1.2

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IN THIS WING ONLY, ALL ACCESS POINTS WITH TYPE "A" MOUNT WILL BE INSTALLED BY OWNER AT A LATER DATE. CONTRACTOR SHALL TEST & CERTIFY DATA CABLING AND PATCH CABLE AND COIL ABOVE CEILING.

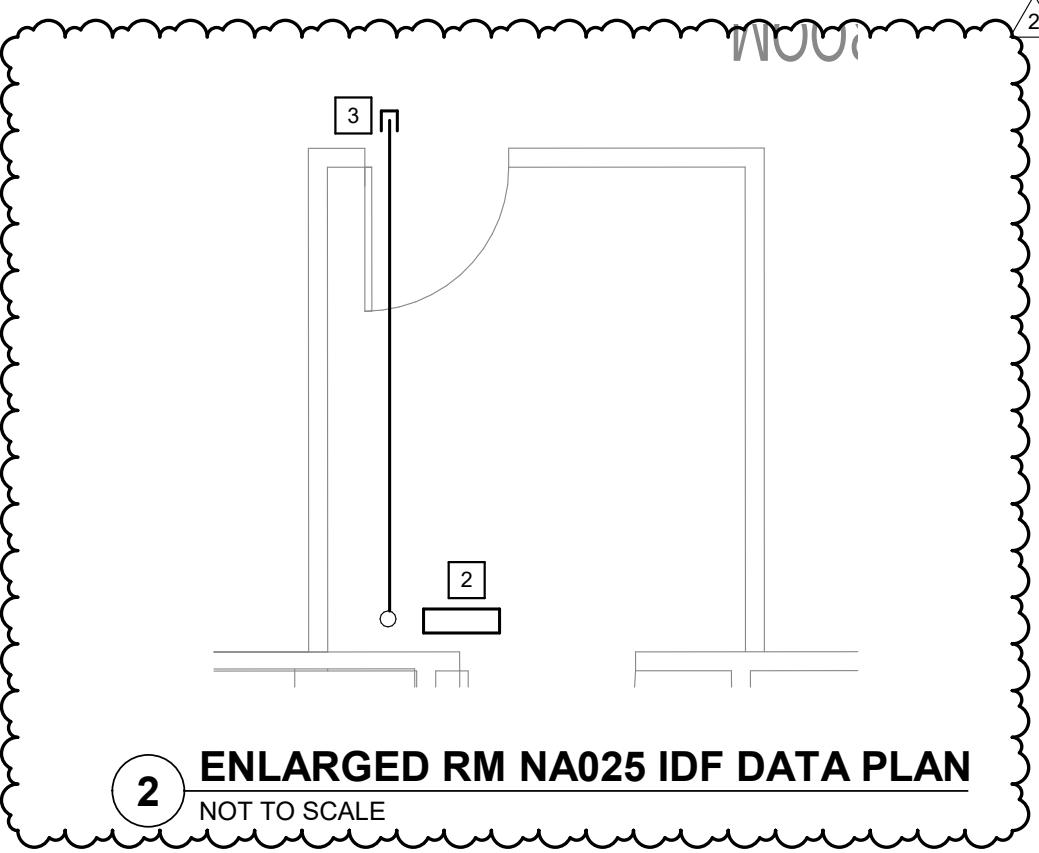
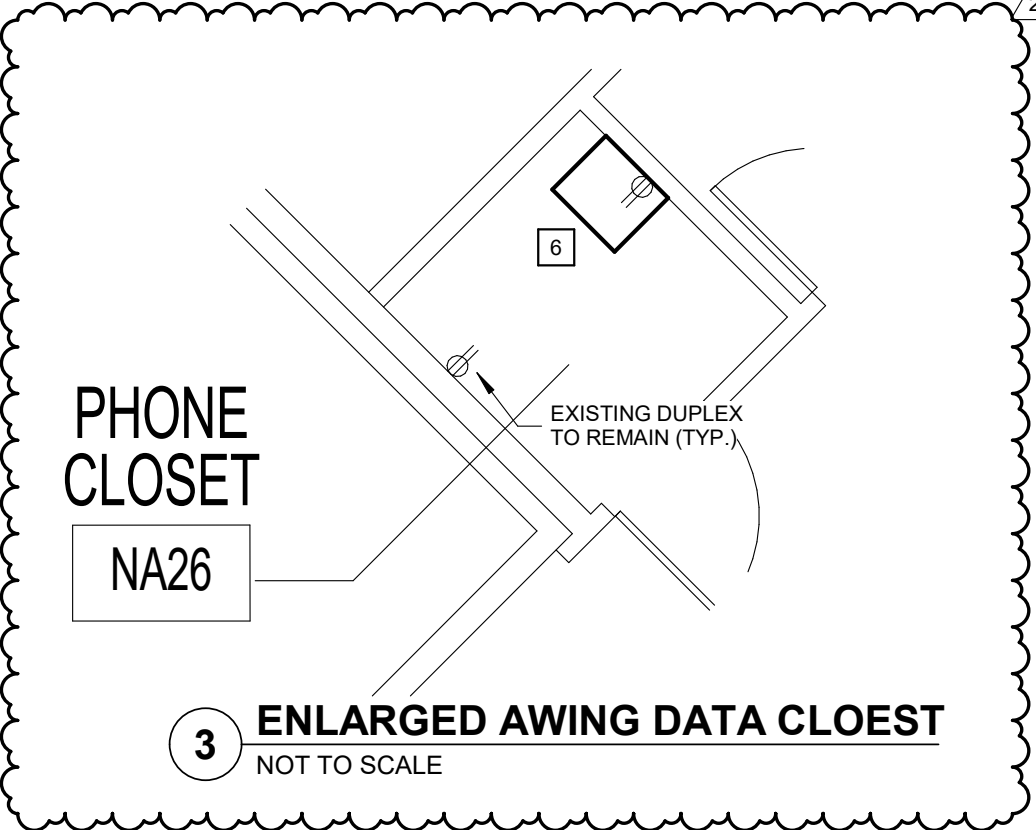
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ELECTRICAL GENERAL NOTES:

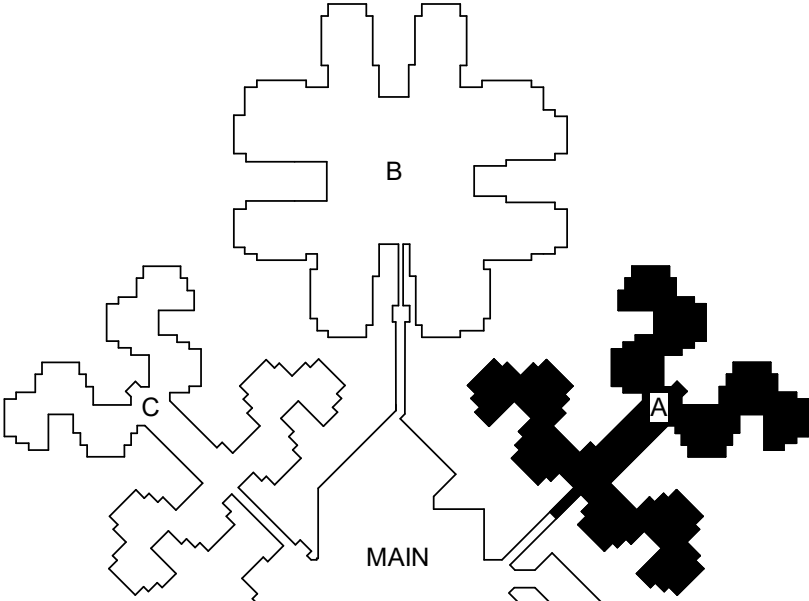
1. REFER TO SHEET E0.1 FOR SYMBOLS, ABBREVIATIONS AND GENERAL CONSTRUCTION NOTES.
2. PROVIDE EQUIPMENT GROUNDING CONDUCTOR IN ALL FEEDERS, SIZED IN ACCORDANCE WITH NEC ARTICLE 250.122. SEE SPECIFICATIONS.
3. INFORMATION ON THIS SHEET IS COMPILED FROM EXISTING DRAWINGS AND CASUAL FIELD OBSERVATIONS AND SHALL BE CONSIDERED APPROXIMATE ONLY. VERIFICATION OF ALL EQUIPMENT AND DEVICES, EITHER SHOWN OR NOT SHOWN ON THESE PLANS, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
4. ALL WIRELESS ACCESS POINTS SHALL BE PROVIDED WITH ONE (1) CAT 6 CABLE. PROVIDE WITH 10' OF COILED CABLE ABOVE CEILING FOR FUTURE FLEXIBILITY. ALL CABLING SHALL BE PLENUM RATED. TERMINATE THE CAT 6 IN A SURFACE MOUNT BOX AT THE ACCESS POINT. PROVIDE A CAT 6 PATCH CABLE AND PATCH TO WAP. AT IT RACK, PROVIDE 4' SERVICE LOOP AND 4' PATCH CABLE FOR SWITCH.
5. WHERE WORK IS PERFORMED AT EXISTING IT RACKS AND CABINETS, EC SHALL COORDINATE WITH OWNERS IT REPRESENTATIVE PRIOR TO WORK. EC SHALL PROTECT ALL EXISTING CABLING, NETWORK SWITCHES, PATCH PANELS, ETC FROM DAMAGE. WHERE NEW WORK CREATES DUST AND DEBRIS, PROVIDE PROTECTION OF COMPONENTS.
6. INSTALL ALL WIRELESS ACCESS POINTS WITHIN 3' OF THE LOCATIONS DEPICTED. OWNER WILL LABEL EACH ACCESS POINT, AND EC SHALL ENSURE IT IS INSTALLED AT THE CORRECT LOCATION. ALL ACCESS POINTS SHALL BE INSTALLED BELOW THE DROP CEILING GRID FACING THE CUSTOMER, OR AS OTHERWISE INDICATED AND DETAILED.
7. CONTRACTOR SHALL MAINTAIN FIRE, SMOKE AND STC RATINGS OF ALL PARTITIONS AND WALLS. MAJOR FIRE WALLS ARE SHOWN ON PLANS FOR GENERAL GUIDANCE. HOWEVER, IT IS NOTED THAT ALL RESIDENT UNITS HAVE SMOKE RATINGS AND ANY PENETRATIONS SHALL BE FIRE CAULKED TO MAINTAIN SPECIFIC RATING. IF ANY FIRE WALLS ARE PENETRATED AND ARE NOT SHOWN ON THE PLANS AS FIRE RATED, CONTRACTOR IS EXPECTED TO FIRE CAULK AND MARK UP CHANGES TO AS-BUILT DOCUMENTATION.
8. ALL DATA CABLING SHALL BE ROUTED IN CORRIDORS TO THE GREATEST EXTENT POSSIBLE. CABLING FEEDING ACCESS POINTS IN RESIDENT UNITS SHALL NOT BE ROUTED THROUGH ADJACENT RESIDENT UNITS. UNLESS SPECIFICALLY NOTED AND REQUIRED, DO NOT ROUTE CABLE THROUGH CLEAN UTILITY ROOMS, SOILED UTILITY ROOMS, ELEVATOR MACHINE ROOMS, EGRESS STAIRWELLS, ETC.
9. ALL RESIDENT UNIT WALLS ARE SMOKE RATED PARTITIONS. PROVIDE FIRE CAULKING TO SEAL ALL PENETRATIONS IN RESIDENT UNIT WALLS. (ROOMS LABELED AS "PRIVATE" AND SEMI PRIVATE".)

KEYED NOTES:

1. EXISTING FIRE WALL. PROVIDE FIRE SEALANT/CAULK AT PENETRATIONS.
2. PROVIDE ONE (1) 48 PORT RACK MOUNT PATCH PANEL BELOW THE EXISTING PATCH PANELS. PROVIDE CAT 6 CABLING TO APPLICABLE ACCESS POINT IN THE A-WING FROM THIS NEW PATCH PANEL. AT EVERY ACCESS POINT, PROVIDE 10' SERVICE LOOP AND TERMINATE AT A SURFACE MOUNT BOX ABOVE CEILING. CONNECT A 4' CAT 6 PATCH CABLE FROM THE SURFACE MOUNT PATCH PANEL TO THE ACCESS POINT. LABEL ALL CAT 6 CABLING AT BOTH ENDS WITH THE AP NAME. PROVIDE A 6' CAT 6 PATCH CABLE AT THE NEW PATCH PANELS, BUT DO NOT CONNECT CAT 6 PATCH CABLES TO THE TOP OF THE RACK. PROVIDE 12 STRANDS OF ARMOR JACKETED MULTIMODE FIBER TO FIBER PATCH PANEL IN THE MAIN DATA ROOM 141. TERMINATE WITH LC CONNECTORS. IN MAIN DATA RACK, TERMINATE AT FIBER PATCH PANEL OUTLINED ON SHEET E1.3. AT NEW RACK, PROVIDE FIBER PATCH CABLE LONG ENOUGH TO REACH NEW NETWORK SWITCH FURNISHED BY OWNERS IT DEPARTMENT. DO NOT CONNECT TO SWITCH, OWNER TO MAKE ALL FINAL CONNECTIONS.
3. PROVIDE ONE (1) - 4" EMT CONDUIT, STUB FROM 12" ABOVE IT RACK VERTICALLY ABOVE GYP CEILING AND CONTINUE HORIZONTALLY AS SHOWN. APPLY FIRE CAULK AND FIRE PUTTY AT BOTH ENDS. PAINT CONDUITS TO MATCH EXISTING WALL FINISH.
4. REFER TO ENLARGED PLAN ON THIS SHEET.
5. ROUTE DATA CABLING TO NEAREST IDF CLOSET IN THIS WING. ANTICIPATED DIVIDER LINE BETWEEN THE TWO IDF CLOSETS IN THIS WING.
6. PROVIDE NEW TRIPP LITE SMARTTRACK 12U WALL MOUNT RACK (CAT#SRW12US33) WITH HINGED BACK, SWINGING DOORS AND REMOVEABLE SIDES. COORDINATE MOUNTING HEIGHT WITH LOCAL FACILITIES TEAM. MOUNT ON EXISTING FIRE RETARDANT PLYWOOD BACKERBOARD. IN THE CABINET, ADJUST THE FRONT RAILS TO BE 6" FROM THE DOOR. INSTALL RACK AND DOOR TO BOTH SWINGS AS DIRECTED BY LOCAL FACILITIES TEAM. PROVIDE ONE (1) 48 PORT RACK MOUNT PATCH PANEL IN THE NEW RACK. PROVIDE CAT 6 CABLING TO APPLICABLE ACCESS POINT IN THE A-WING FROM THESE NEW PATCH PANELS. AT EVERY ACCESS POINT, PROVIDE 10' SERVICE LOOP AND TERMINATE AT A SURFACE MOUNT BOX ABOVE CEILING. CONNECT A CAT 6 PATCH CABLE FROM THE SURFACE MOUNT PATCH PANEL TO THE ACCESS POINT. LABEL ALL CAT 6 CABLING AT BOTH ENDS WITH THE AP NAME. PROVIDE A 6' CAT 6 PATCH CABLE AT THE NEW PATCH PANEL, BUT DO NOT CONNECT CAT 6 PATCH CABLES TO THE SWITCHES. PROVIDE RACK MOUNTED, TRU 12 PORT FIBER PATCH PANEL IN THE NEW RACK. PROVIDE 12 STRANDS OF ARMOR JACKETED, PLENUM RATED, MULTIMODE FIBER TO FIBER PATCH PANEL IN THE MAIN DATA ROOM 141. TERMINATE WITH LC CONNECTORS. IN MAIN DATA RACK, TERMINATE AT FIBER PATCH PANEL OUTLINED ON SHEET E1.3. AT NEW RACK, PROVIDE FIBER PATCH CABLE LONG ENOUGH TO REACH NEW NETWORK SWITCH FURNISHED BY OWNERS IT DEPARTMENT. DO NOT CONNECT TO SWITCH, OWNER TO MAKE ALL FINAL CONNECTIONS.



KEYPLAN - A-WING



ELECTRICAL FIRST FLOOR A-WING DATA PLAN
SCALE: 1/16" = 1'-0"
NORTH

STATE OF MISSOURI
MIKE KEHOE
GOVERNOR

SSC
Engineering, Inc.
18207 Edison Avenue
Chesterfield, Missouri 63005
Phone: 636.530.7770 Fax: 636.530.7877
Missouri Certificate of Authority #NC 001244

BRIAN SCOTT
MO LIC# PE-20132019111 EXP. 12/31/25

THE SEAL AND SIGNATURE APPLY ONLY TO THE DOCUMENT TO WHICH THEY ARE AFFIXED, AND EXPRESSLY DISCLAIM ANY RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE ARCHITECTURAL OR ENGINEERING PROJECT.

**OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION
DEPARTMENT OF
VETERANS AFFAIRS**

WI-FI DEPLOYMENT PLAN

10600 Lewis and Clark Blvd
ST. LOUIS MO 63136 6005

PROJECT # U2411-01
SITE # 6804
FACILITY # 8136804001

REVISION: ADDENDUM #2
DATE: 10/21/25
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 09/17/2025

CAD DWG FILE:
DRAWN BY: ZHB
CHECKED BY: HAP
DESIGNED BY: BDS

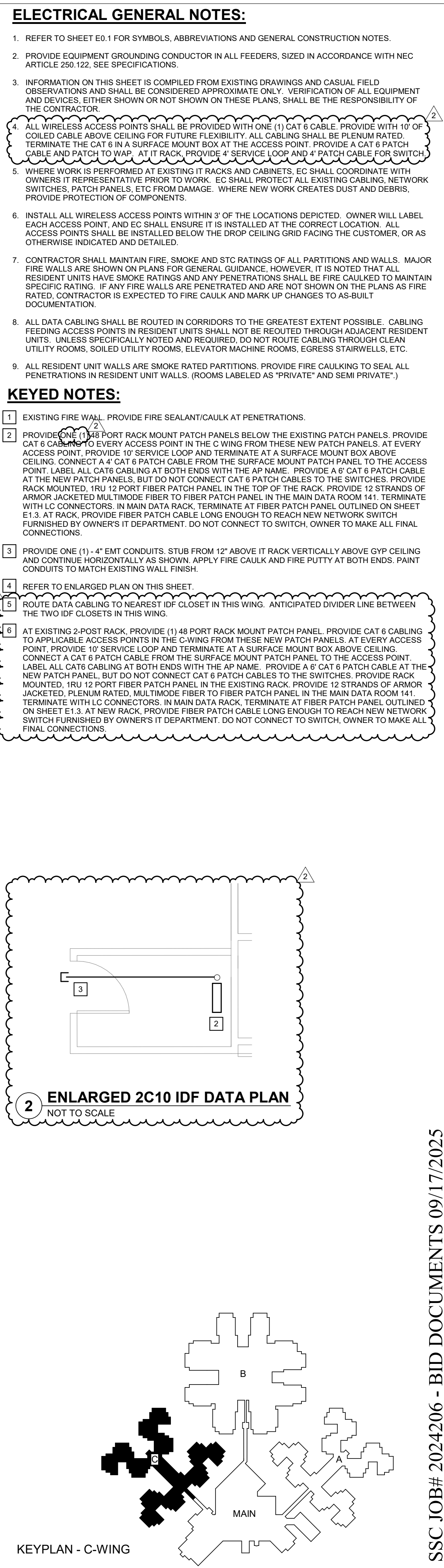
SHEET TITLE:
**ELECTRICAL A-WING
DATA PLAN**

SHEET NUMBER:

E1.0

SHEET 6 OUT OF 12
09/17/2025

SSC JOB# 2024206 - BID DOCUMENTS 09/17/2025



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