

# LAREDO COLLEGE VETERANS SERVICES CENTER ADDENDUM No. 2

DATED: December 05, 2024

- **PROJECT:** Veterans services center Sheridan Rd, Laredo, TX 78040
- ARCHITECT: Cavazos Architects 9114 McPherson Rd. #2501 Laredo, Texas 78045 956/724-8123

This Addendum applies to work designated herein and shall be understood to be and is an addendum and as such shall be part of and is included in the contract.

The following additions, deletions, and/or changes to the plans and specifications shall be incorporated into the Contract Documents and supersede and take precedence over that shown on the Drawings and as set forth in the Specifications. All provisions of the Proposal Invitation, Contract Documents, Special Provisions and General Provisions shall be applicable to such work as required by this Addendum originally in the Contract Documents. Where the Technical Specifications are inconsistent with the following items, this addendum shall govern.

#### ITEM #1: Revised Civil Sheets

- Sheet C2 Updated existing communications pedestal note.
- Sheet C3 Updated existing communications pedestal note.

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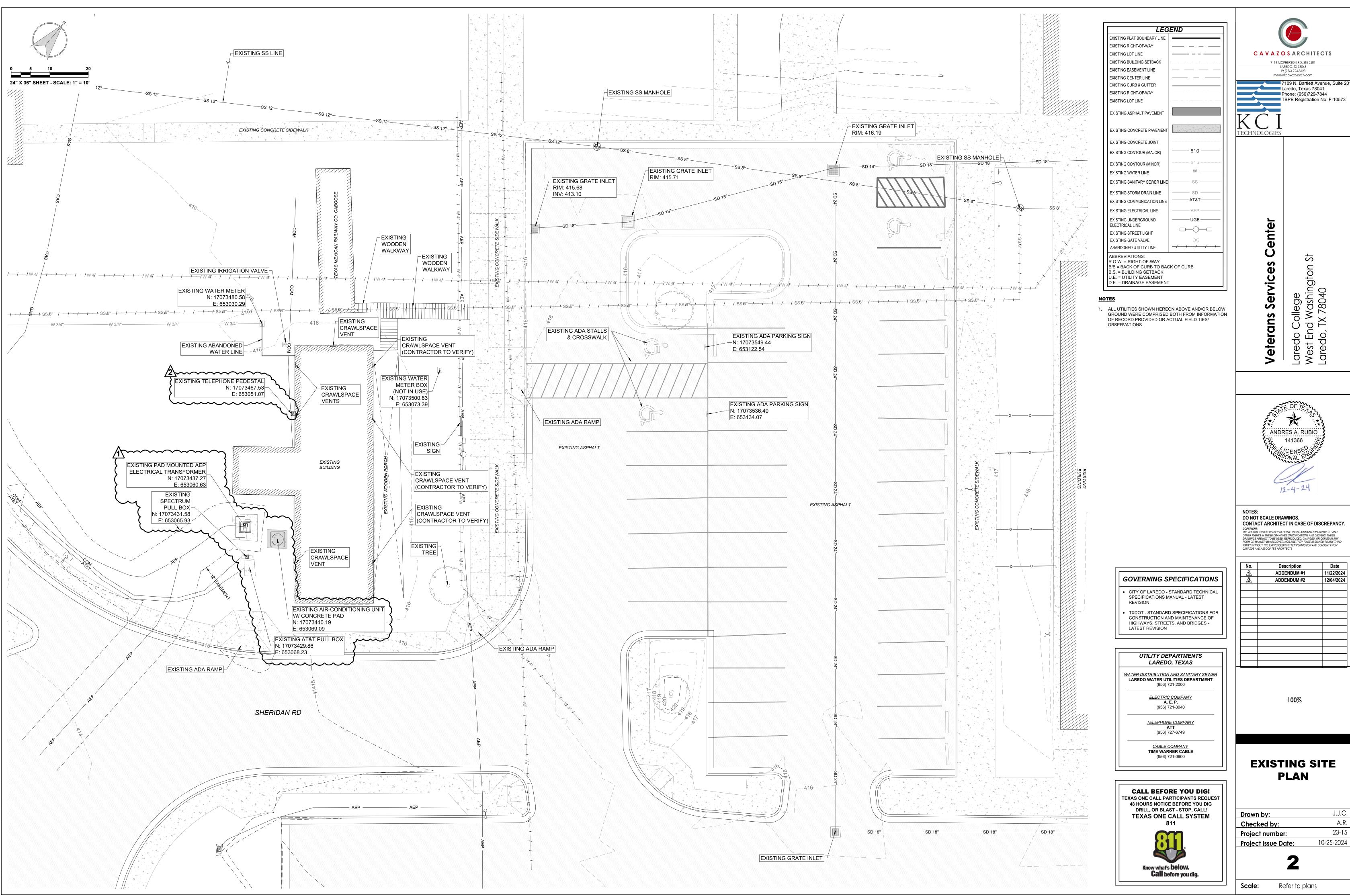
#### ITEM #2: Revised Electrical Sheets

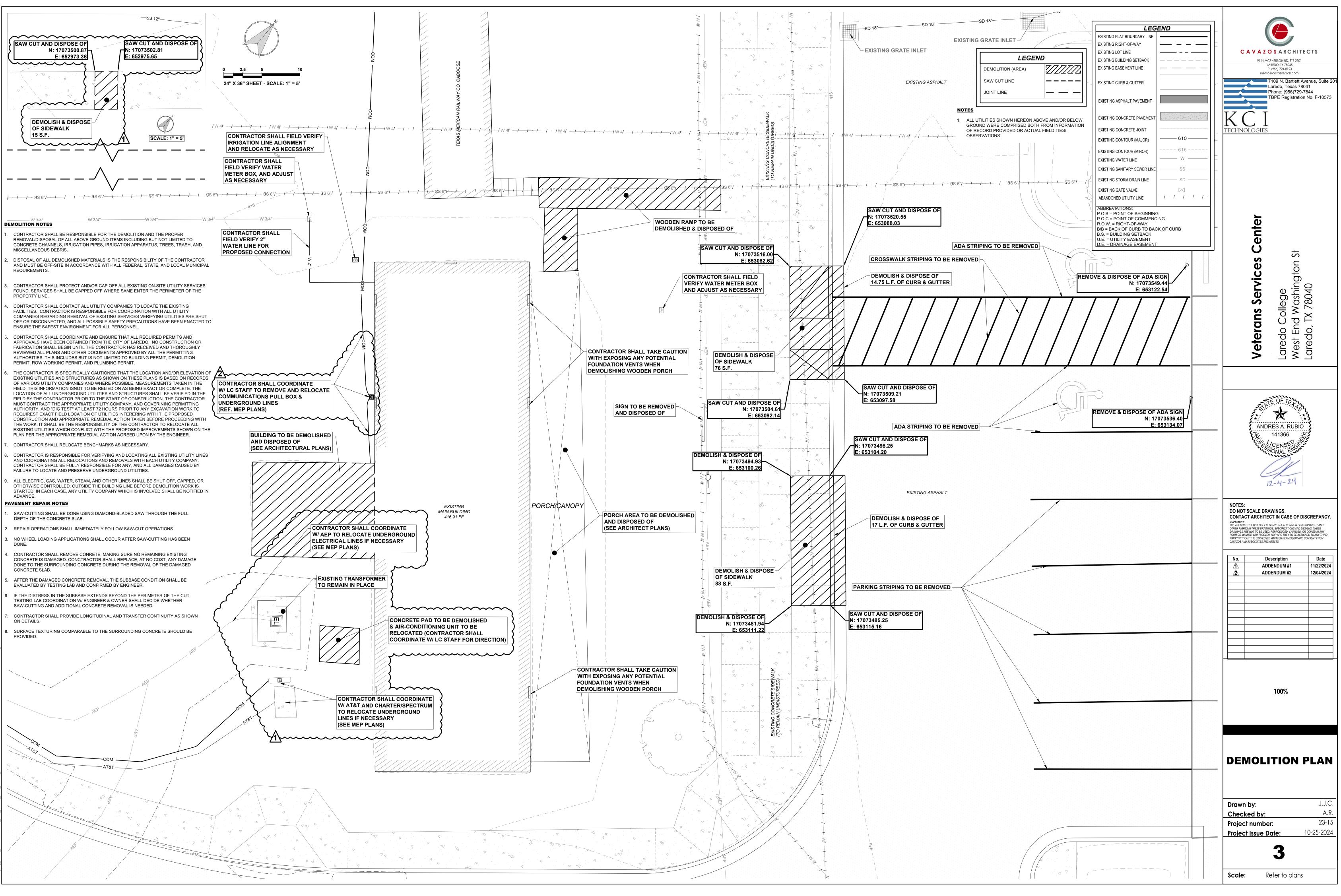
- Sheet EDP-101 Existing telephone pedestal to be relocated by contractor.
- Sheet ES-101 Existing telephone pedestal proposed new location with new conduit to MDF room.

#### ITEM #3: Revised Technology Sheets

- Sheet T001 Added (1) 2-inch conduit from the MDF to the relocated pedestal.
- Sheet T301 Added (1) 2-inch conduit location from the MDF to the relocated pedestal.

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# TRINITY MEP ENGINEERING

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## ADDENDUM #2

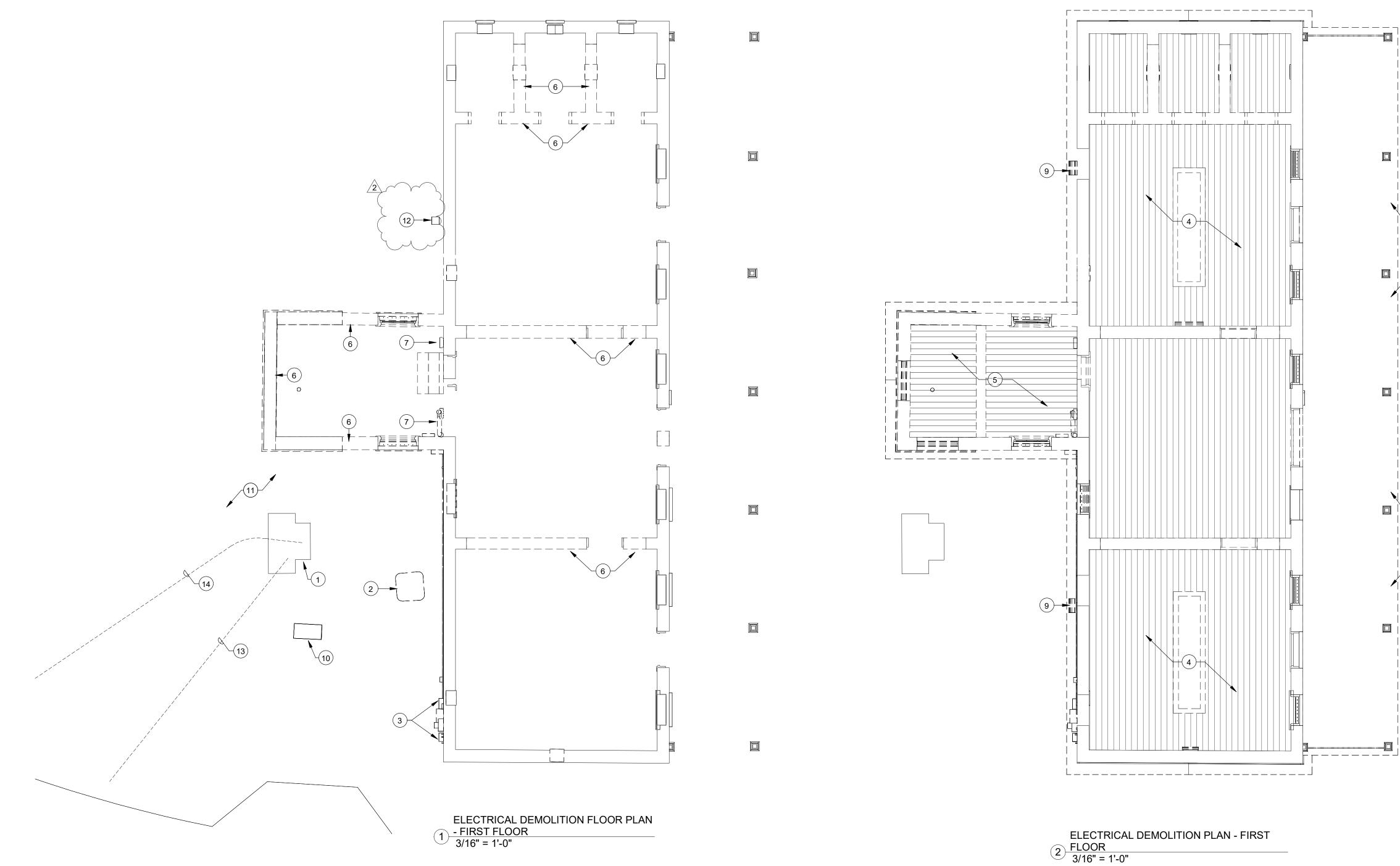
LEONARDO MUNOZ

12/04/2024

Project Name: LC VETERANS CENTER Project Number: Architect: CAVAZOS ARCHITECTS Date: 12/04/2024

Note: The work shall be carried out in accordance with the following supplemental instructions issued in accordance with the Contract Documents without change in Contract Sum or Contract Time Proceeding with the Work in accordance with these instructions indicates your acknowledgement that there will be no change in the Contract Sum or Contract Time.

- I. Specifications: N/A
- II. General: N/A
- III. Mechanical:
- IV. Electrical:
  - A. Sheet EDP-101 Existing telephone pedestal shall be relocated by contractor, refer to attachment.
  - B. Sheet ES-101 Existing telephone pedestal proposed new location with new conduit to MDF room, refer to attachment.
- I. Plumbing: N/A
- II. Fire Protection: N/A





GENERAL NOTES- DEMOLITION

- A. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT OF ALL POWER SOURCE WIRING IN ACCORDANCE WITH ARCHITECTURAL MILLWORK.
- B. PROVIDE CLEAR VANDAL COVER WITH STOPPER II OPTION FOR ALL FIRE ALARM PULL STATIONS.
- C. EQUIPMENT AS FURNISHED OF A SINGLE MANUFACTURER.

| (8)

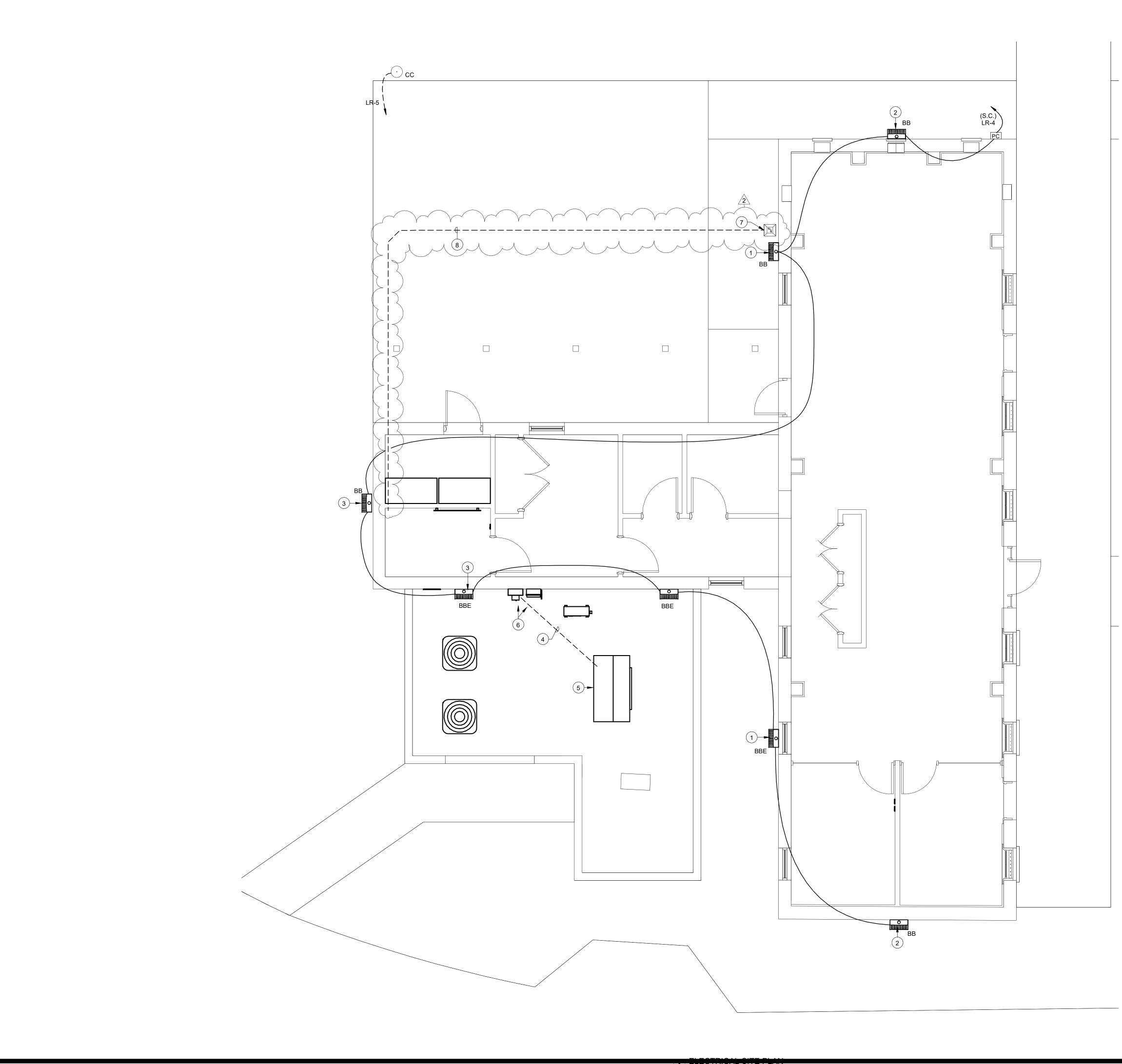
(8)

- D. COORDINATE EXACT LOCATION OF ALL MECHANICAL EQUIPMENT IN ACCORDANCE MECHANICAL DRAWINGS.
- E. ALL CONDUITS SHALL REAMED AND COMPLETED WITH CONNECTORS AND INSULATED BUSHINGS AT BOTH ENDS.
- F. ALL DEVICES SHOWN ON DRAWINGS ARE SYMBOLIC ONLY. THE ENTIRE FIRE ALARM SYSTEM, SHALL BE IN FULL COMPLIANCE AND MEET ALL CODES AND REQUIREMENTS OF THE LOCAL ADMINISTRATIVE AUTHORITY. ANY MODIFICATIONS REQUIRED TO PROVIDE COMPLIANCE SHALL BE MADE AT NO ADDITIONAL COST TO THE OWNER OR ARCHITECT/ ENGINEER.
- G. FIRE ALARM LICENSE HOLDER SHALL ASSUME ALL RESPONSIBILITY FOR DESIGN AND SUBMIT DRAWINGS TO JURISDICTION HAVING AUTHORITY AND ABIDE BY ALL OTHER REQUIREMENTS PER NFPA.
- H. ALL SPECIAL SYSTEM CONDUITS SHALL BE STUBBED UP ABOVE THE CEILING LEVEL. IF CABLE TRAY IS PRESENT, STUBBED CONDUITS TO CABLE TRAY.

ELECTRICAL	<b>KEYNOTES</b>
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1	EXISTING PAD MOUNT TRANSFORMER TO BE REPLACED, REMOVE EXISTING CONCRETE PAD AND PRVIDE NEW CONCRETE PAD. COORDINATE WITH AEP TO DICONNECT AND RECONNECT EXISTING UTILITY. INCLUDE ALL COST ASSOCIATED WITH AEP IN BID.
2	EXISTING MECHANICAL EQUIPMENT TO BE DEMOLISHED. REMOVE ALL ASSOCIATED CONDUIT AND WIRING.
3	EXISTING ELECTRICAL SERVICE EQUIPMENT TO BE REPLACED. REFER TO REMODEL PLANS.
4	EXISTING CEILING TO BE DEMOLISHED. REMOVE ALL ELECTRICAL CONDUIT, WIRING, SPEAKERS, SMOKE DETECTORS, ALARM DEVICES, LIGHTING, FANS OR ANY ELECTRICAL DEVICE ON CEILING.
5	EXISTING CEILING AND FRAMING TO BE DEMOLISHED. REMOVE ALL ELECTRICAL CONDUIT, WIRING, SPEAKERS, SMOKE DETECTORS, ALARM DEVICES, LIGHTING, FANS OR ANY ELECTRICAL DEVICE ON CEILING.
6	PORTION OF EXISTING WALL TO BE DEMOLISHED. REMOVE ALL ELECTRICAL CONDUIT, WIRING, RECEPTACLES, WALL PLATES, DATA OUTLETS, FIRE ALARM OR ANY ELECTRICAL DEVICE ON WALL.
7	EXISTING ELECTRICAL PANELBOARDS TO BE DEMOLISHED. REMOVE ALL ASSOCIATED CONDUIT AND WIRING.
8	EXISTING ROOF, WOOD SHINGLES, TRIMS, RAMING, COLUMNS, AND ALL ASSOCIATED CONCEALED STRUCTURAL ELEMENTS TO BE DEMOLISHED. REMOVE ALL ELECTRICAL LIGHTING OR POWER DEVICES AND ALL ASSOCIATED CONDUIT AND WIRING.
9	EXISTING WALLPACK TO BE DEMOLISHED.
10	EXISTING COMMUNICATION PULLBOX TO REMAIN. FIELD VERIFY EXISTING CONDITIONS.
11	EXISTING ELECTRICAL NOT IN USE TO BE REMOVED, FIELD
	CONTRACTOR SHALL INCLUDE IN BID ALL COST TO RELOCATE EXISTING TELEPHONE PEDESTAL. CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO ANY WORK. ELECTRICAL
13	EXISTING UNDERGROUND UTILITY LINE TO TRANSFORMER SHALL REMAIN. FIELD COORDINATE WITH EXISTING CONDITIONS.
14	EXISTING STREET LIGHTING UNDERGROUND UTILITY LINE SHALL REMAIN. FIELD COORDINATE WITH EXISTING CONDITIONS.

Scale:

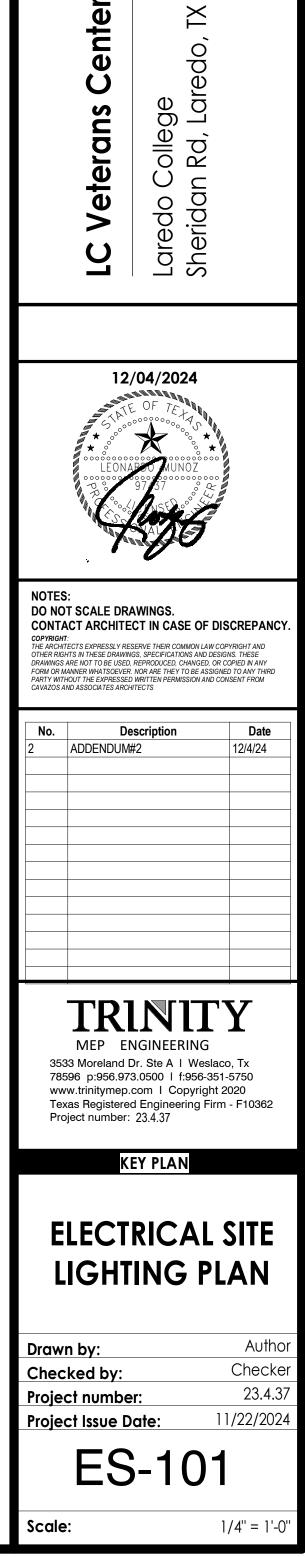


## GENERAL NOTES - ELECTRICAL SITE

- CONTRACTOR TO VERIFY ALL EXISTING MAIN POWER SERVICES AND COORDINATE WITH Α. POWER COMPANY FOR ALL NEW REQUIREMENTS AND ALL COST ASSOCIATED. CONTRACTOR SHALL INCLUDE ANY COST FOR THE NEW TRANSFORMER AND OTHER ASSOCIATED FEES IN BID. CONTRACTOR IS RESPONSIBLE TO VERIFY ALL FEES WITH POWER COMPANY AND TO INCLUDE IN BID. CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH POWER COMPANY AS SOON THE CONTRACT IS AWARDED TO ORDER TRANSFORMER AND THE RELATED ELECTRICAL SERVICE EQUIPMENT AS SOON AS POSSIBLE.
- В. CONTRACTOR IS RESPONSIBLE FOR ALL EXCAVATION, TRENCHING AND BACKFILLING. COORDINATE WITH ALL UTILITIES PRIOR TO EXCAVATION.
- CONTRACTOR TO VERIFY ALL EXISTING MAIN TELEPHONE SERVICES AND COORDINATE C. WITH TELEPHONE COMPANY FOR ALL REQUIREMENTS AND ALL COST ASSOCIATED. INCLUDE ALL COST IN BID. CONDUIT FROM MAIN TELEPHONE RISER SHALL BE FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR.
- D. ALL ELECTRICAL EQUIPMENT OUTDOORS SHALL BE RATED TYPE NEMA 3R UNLESS OTHERWISE NOTED. CONTRACTOR SHALL HAVE A WORKING KNOWLEDGE OF LOCAL CODES AND E.
- ORDINANCES. ALL WORK SHALL CONFORM TO NATIONAL ELECTRICAL CODES AND ALL OTHER AUTHORITY HAVING JURISDICTION. OBTAIN PERMITS AND PAY ALL FEES. PERFORM MODIFICATIONS TO MEET CODE AND ORDINANCE REQUIREMENTS AT NO ADDITIONAL COST TO OWNER, ARCHITECT OR ENGINEER. VERIFY PRIOR TO BID DATE. F. VERIFY AT JOB SITE THE EXACT LOCATIONS OF STRUCTURAL MEMBERS SUCH AS BEAMS, COLUMNS, ETC. TO LOCATE EQUIPMENT CONDUIT, PANELS AND DEVICES. IF
- DEVIATIONS FROM THE DRAWING ARE NECESSARY TO MEET STRUCTURAL CONDITIONS MAKE DEVIATIONS WITHOUT ADDITIONAL COST, TO OWNER, ARCHITECT, OR ENGINEER. G. IN COOPERATION WITH OTHER CONTRACTORS, DETERMINE THE EXACT LOCATION OF
- EQUIPMENT AND DEVICES AND CONNECTIONS THERETO BY REFERENCE TO THE SUBMITTALS AND ROUGH-IN DRAWINGS, AND BY MEASUREMENTS AT THE SITE. REFER TO ALL OTHER TRADES SUBMITTAL FOR ELECTRICAL INFORMATION. H. GROUND ENTIRE ELECTRICAL SYSTEM IN STRICT ACCORDANCE WITH THE NATIONAL
- ELECTRICAL CODE.
- VERIFY AT JOB SITE GENERAL WORK TO BE DONE AS SPECIFIED, AS NOTED, OR AS REQUIRED FOR INSTALLATION ELECTRICAL SYSTEMS PRIOR TO SUBMISSION OF BIDS.
- CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND EQUIPMENT TO BE REMOVED AND REPLACED BEFORE SUBMITTING HIS BID.
- K. ELECTRICAL DRAWINGS ARE DIAGRAMMATIC AND SMALL SCALE ONLY. THEY CONVEY THE INTENT OF THE WORK BUT DO NOT SHOW DETAIL SUCH AS JUNCTION AND PULL BOXES REQUIRED BY THE SPECIFICATIONS AND THE NATIONAL ELECTRICAL CODE(NEC). PROVIDE ALL MATERIALS AND METHODS CALLED FOR IN THE SPECIFICATIONS AND AS REQUIRED IN THE NEC TO PROVIDE A COMPLETE INSTALLATION OF ALL WORK. L. ALL WIRING SHALL BE COPPER.
- M. ALL SLEEVES, PENETRATIONS, ETC. SHALL BE SEALED SOLID NON-SHRINKING MATERIAL IMMEDIATELY UPON FILLING OF THE OPENING WITH PIPE OR CONDUIT.
- ARRANGE FOR SOURCES OF TEMPORARY CONSTRUCTION SERVICES. SUCH SERVICES N. SHALL BE NOMINALLY 120/240V, 1-PHASE, 3-WIRE FROM WHICH A COMPLETE SYSTEM OF TEMPORARY POWER AND LIGHTING SHALL BE PROVIDED FOR ALL CONSTRUCTION NEEDS.

## ELECTRICAL KEYNOTES

1	NEW WALL PACK SHALL MATCH SAME HEIGHT AS EXISTING, FIELD VERIFY PRIOR TO ANY WORK.
2	EXISTING WALL PACK TO BE REPLACE WITH NEW AS SCHEDULED AT SAME LOCATION.
3	WALL PACK SHALL BE MOUNTED TO MATCH SAME HEIGHT OF NEW WINDOWS, TO THE TOP OF THE LIGHT FIXTURE.
4	CONTRACTOR TO PROVIDE AND INSTALL PVC CONDUIT FROM NEW UTILITY TRANSFORMER TO NEW ELECTRICAL METER AND MAIN SWITCH DISCONNECT PER POWER COMPANY STANDARDS. VERIFY ALL REQUIREMENTS PRIOR TO ANY ROUGH-IN. REFER TO ELECTRICAL RISER DIAGRAM.
5	NEW PAD MOUNT TRANSFORMER AT EXISTING LOCATION ON NEW CONCRETE PAD.
6	NEW 120/208V, 3-PHASE, 4W, ELECTRICAL SERVICE METER AND DISCONNECT.
7	PROPOSE NEW LOCATION FOR THE EXISTING TELEPHONE PEDESTAL, COORDINATE WITH OWNER PRIOR TO ANY WORK.
8	PROVIDE 1-2" WITH PULLSTRING FROM NEW EXISTING TELEPHONE PEDESTAL LOCATION TO NEW MDF. STUB UP IN MDF APPROXIMATE 24"AFF AND PROVIDE A TEMPORARY CONDUIT CAP. CONDUIT DEPTH SHALL BE MINIMUM OF 24".
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December 4, 2024

From: COMBS Consulting Group To: Cavazos Architects

Attn: Guillermo Cavazos

SUBJ: Below is the Technology Narrative to support the requested changes to the Technology Drawings for Addendum #2

#### **TECHNOLOGY DRAWINGS:**

#### Page T001 TECHNOLOGY SITE PLAN

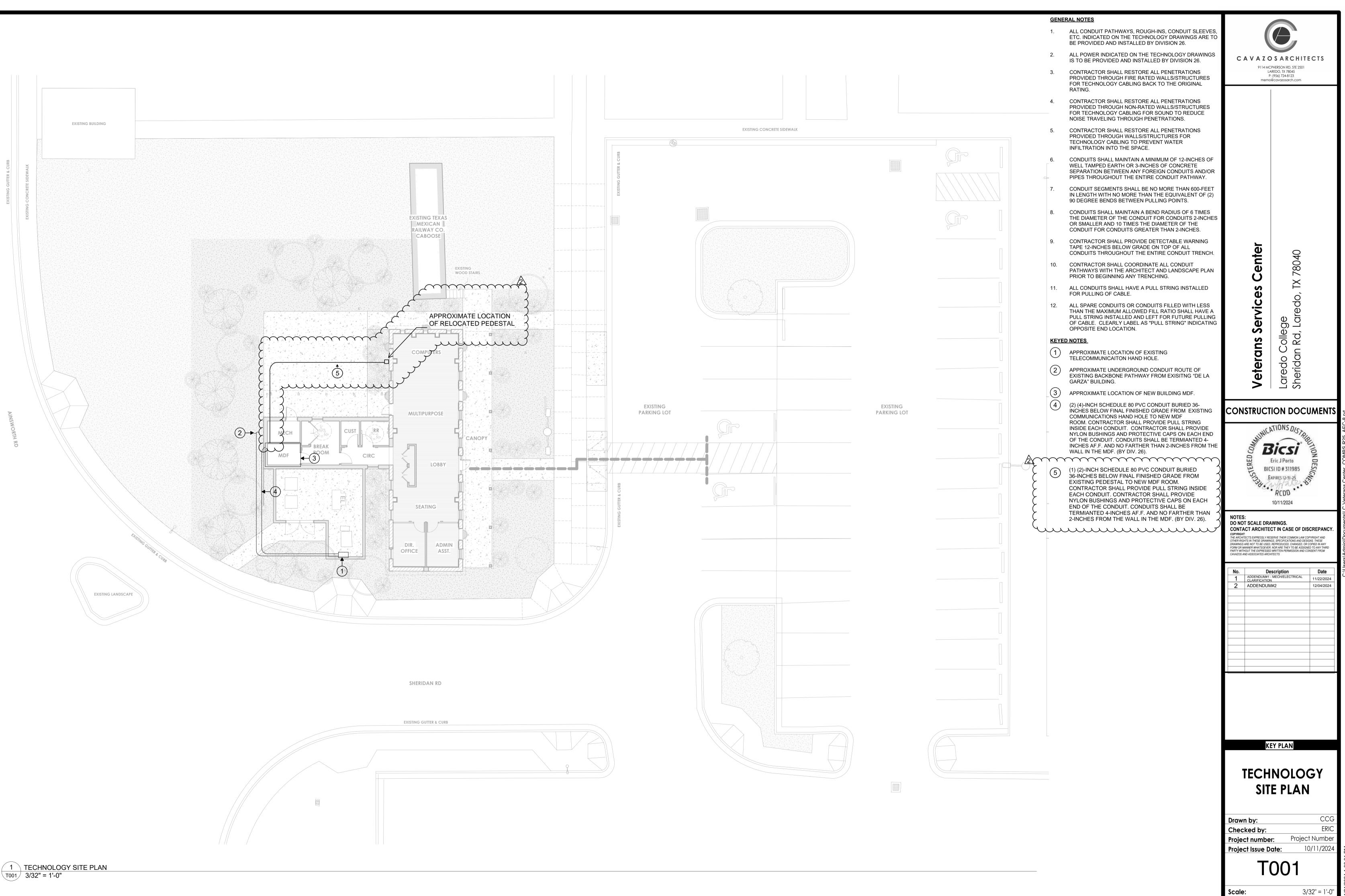
- ADDED (1) 2-inch conduit from the MDF to the relocated pedestal.

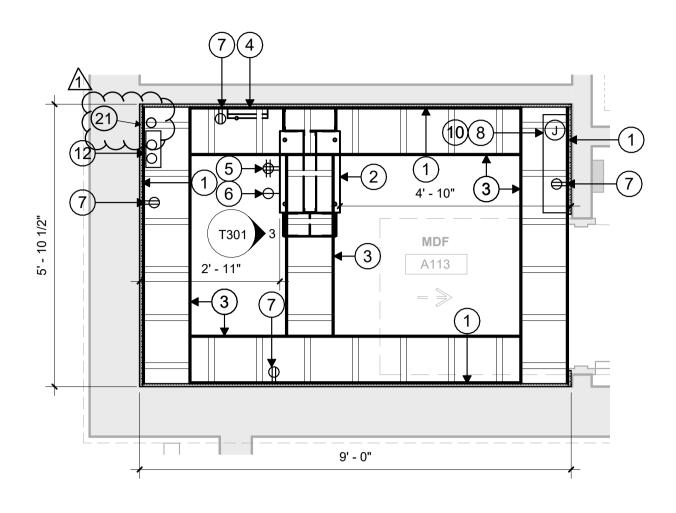
#### Page T301 TECHNOLOGY ENLARGED VIEWS

- ADDED (1) 2-inch conduit location from the MDF to the relocated pedestal.

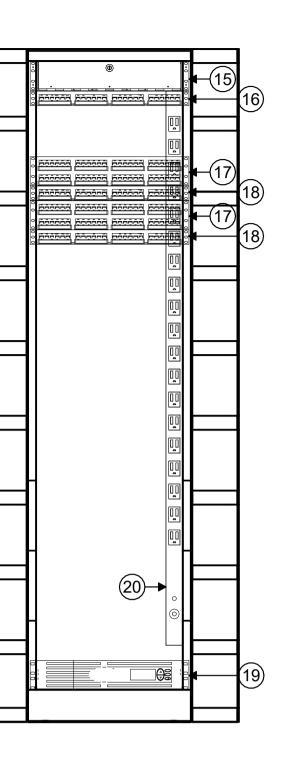
Sincerely,

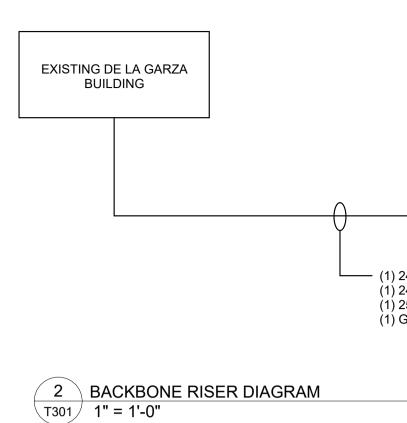
Eric Porto, RCDD Infrastructure Studio





MDF A113 - ENLARGE ELEVATION Тзо1 1/2" = 1'-0"





3 RACK ELEVATION ∖тзо1∕ 1" = 1'-0"

VETERANS CENTER NEW MDF

- (1) 24-STRAND INDOOR/OUTDOOR SINGLEMODE OPTICAL FIBER CABLE (BY DIV.27) (1) 24-STRAND INDOOR/OUTDOOR MULTIMODE OPTICAL FIBER CABLE (BY DIV. 27) (1) 25-PAIR INDOOR/OUTDOOR COPPER CABLE (BY DIV. 27) (1) GROUNDING CONDUCTOR PROPERLY SIZED (BY DIV.26)

## MDF GENERAL NOTES

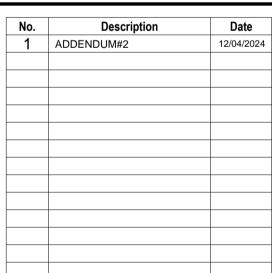
- 1. IN THE EVENT THE CONTRACTOR PROVIDES AND INSTALLS 2-POST EQUIPMENT RACKS IN THE MDF/IDF ROOMS, THE DIVISION 27 CONTRACTOR SHALL COORDINATE WITH THE OWNER TO DETERMINE IF THE OWNER NEEDS ADDITIONAL EQUIPMENT RACK SUPPORT SUCH AS RAILS OR DEEP SHELVING TO SUPPORT FUTURE OWNER PROVIDED/OWNER INSTALLED UPS SYSTEM EQUIPMENT.
- CONTRACTOR SHALL CONFIRM PATCH PANEL COUNTS WITH CABLE 2. QUANTITIES PRIOR TO BIDDING.
- EQUIPMENT NOT RELATED TO THE SUPPORT OF THE 3. TELECOMMUNICATIONS ROOM (E.G., PIPING, DUCTWORK, PNEUMATIC TUBING) SHALL NOT BE INSTALLED IN, PASS THROUGH, OR ENTER THE TELECOMMUNICATIONS ROOM.
- 4. A VERTICAL SECTION OF LADDER RACK SHALL BE ATTACHED TO THE WALLBOARD TO MANAGE BACKBONE CABLES, SERVICE PROVIDER CABLES, OR CABLES AS THEY TRANSITION FROM THE ENTRANCE CONDUITS TO OVERHEAD LADDER RACK.

### MDF KEYED NOTES

- 4-FEET X 8-FEET X ¾-INCH A-B GRADE, VOID FREE, FIRE RATED PLYWOOD INSTALLED VERTICALLY STARTING AT 24-INCHES ABOVE FINISHED FLOOR ON ALL PERIMETER WALLS. PAINT WITH (2) COATS OF FIRE-RETARDANT PAINT. (BY DIV. 27)
- 2 19-INCH X 84-INCH EQUIPMENT RACK WITH VERTICAL WIRE MANAGERS. (BY DIV. 27)
- 3 12-INCH LADDER RACK MOUNTED AT 87-INCHES ABOVE FINISHED FLOOR. LADDER RACK SHALL BE SUPPORTED PER MANUFACTURE AND INDUSTRY STANDARDS. (BY DIV. 27)
- (4) GROUND BUS BAR MOUNTED AT 84-INCHES ABOVE FINISHED FLOOR. (BY DIV. 27)
- (5) DEDICATED 20 AMP CIRCUIT WITH QUAD NEMA 5-20R RECEPTACLE MOUNTED TO LADDER RACK AT REAR SIDE OF EQUIPMENT RACKS. (BY DIV. 26)
- 6 DEDICATED 20 AMP CIRCUIT WITH SIMPLEX NEMA L6-20R TWIST LOCK RECEPTACLE MOUNTED TO LADDER RACK AT REAR SIDE OF EQUIPMENT RACKS. (BY DIV. 26)
- (7)20 AMP CIRCUIT WITH DUPLEX NEMA 5-20R RECEPTACLE FLUSH MOUNTED TO THE FINISHED WALL SURFACE AT 18-INCHES ABOVE FINISHED FLOOR. MAXIMUM OF (6) PER CIRCUIT. (BY DIV.26)
- 8 DEDICATED 20 AMP CIRCUIT HARDWIRED TO ACCESS CONTROL SECURITY PANEL. (BY DIV. 26)
- 9 DEDICATED 20 AMP CIRCUIT HARDWIRED TO INTRUSION DETECTION SYSTEM. (BY DIV. 26)
- (10) 48-INCHES WIDE X 84-INCHES HIGH RESERVED FOR ACCESS CONTROL SYSTEM. (BY DIV. 27 / 28)
- (11) 48-INCHES WIDE X 84-INCHES HIGH RESERVED FOR SERVICE PROVIDER TERMINATION. (BY DIV.27)
- (2) 4-INCH CONDUITS STUBBED INTO MDF FROM HANDHOLE. (2) 4-INCH CONDUITS STUBBED INTO MDF FROM HANDHOLE. CONDUITS SHALL STUB UP 4-INCHES ABOVE FINISHED FLOOR AND NO FURTHER THAT 4-INCHES FROM THE WALL. CONTRACTOR SHALL PROVIDE AND INSTALL NYLON BUSHINGS, PULL STRING AND CAPS ON EACH END. (BY DIV. 26
- (15) 2 RU RACK MOUNTED FIBER OPTIC ENCLOSURE. (BY DIV. 27)
- (16) 24 PORT RACK MOUNTED PATCH PANEL
- (17) 2 RU RACK MOUNTED 48 PORT PATCH PANEL FOR DATA CABLES. (BY DIV. 27) (18) 1 RU RACK MOUNTED 48 PORT SWITCH. (BY OTHERS) (19) UNITERRUPTIPLE POWER SUPPLY. (BY OTHERS)
- (20) VERTICAL POWER SUPPLY. (BY DIV. 27)  $\triangle$
- (1) 2-INCH CONDUITS STUBBED FROM FIRST FLOOR MDF TO SECOND FLOOR IDF. CONDUITS SHALL STUB UP 4-INCHES ABOVE FINISHED FLOOR AND NO FURTHER THAT 4-INCHES FROM THE WALL. CONTRACTOR SHALL PROVIDE AND INSTALL NYLON BUSHINGS, PULL STRING AND CAPS ON EACH END. (BY RIV, 26



CAVAZOSARCHITECTS 9114 MCPHERSON RD. STE 2501



NOTES:



# TECHNOLOGY ENLARGED VIEWS

Drawn by:	CCG	
Checked by:	ERIC	
Project number:	Project Number	
Project Issue Date:	10/11/2024	
T301		

Scale: