

Tri-County Technical College Request for Written Quotes

SOLICITATION NUMBER: TCTC-23-Mini Splits

DATE ISSUED: 5/17/2023

PROCUREMENT OFFICER: Matt Whitten

PHONE: 864-646-1633

EMAIL ADDRESS: mwhitten@tctc.edu

MAILING ADDRESS: PO Box 587 Pendleton, SC 29670

DESCRIPTION: Supply and install three (3) ductless single zone variable refrigerant flow (VRF) heat pumps.

SUBMIT YOUR OFFER TO: mwhitten@tctc.edu

DEADLINE TO SUBMIT BID BY: **06/02/2023 @ 12:00 PM** (See "Deadline For Submission Of Offer" provision)

NUMBER OF COPIES TO BE SUBMITTED: **One (1) copy to be emailed to mwhitten@tctc.edu**

Award (only if applicable) is scheduled to be posted on or around **06/09/2023**. The award, this solicitation, any amendments, and any related notices will be posted at the following web address: www.tctc.edu/purchasing

By submitting a quote, you agree to be bound by the terms of the Solicitation. You agree to hold Your Offer open for a minimum of thirty (30) calendar days after the Quote Due Date.

SPECIFICATIONS

Products should meet or exceed the specifications below for quotes to be accepted. By submitting an offer, you are confirming that your products meet or exceed the specifications in this document.

Tri-County Technical College (TCTC) intends to contract with a properly licensed HVAC provider for all of the required supplies and installation of three (3) ductless single zone variable refrigerant flow (VRF) heat pumps in TCTC's Anderson Hall, Room 219.

Refer to the attached drawings for project details.

There will be a non-mandatory site visit lead by TCTC staff scheduled on May 24th at 2:00pm and all interested parties are strongly encouraged to attend to fully understand scope. The site visit will start at our Physical Plant conference room (located at 7900 Hwy 76 Pendleton, SC 29670) and we will then move to the actual site. Please bring the drawings with you as no copies will be available.

Installation will be in the Anderson Hall Room 219 of TCTC's Pendleton Campus located at 7900 Highway 76, Pendleton, SC 29670.

Please note your estimated timeframe on your quote.

Business name and contact information must be included within the quote.

The following clauses apply to this Request for Written Quotes. Any additional conditional terms and conditions included with your quote will deem your quote non-responsive.

DEADLINE FOR SUBMISSION OF OFFER (MODIFIED)

Any offer received after the response deadline set by the Procurement Officer shall be rejected.

DRUG FREE WORK PLACE CERTIFICATION (JAN 2004)

By submitting an Offer, Contractor certifies that, if awarded a contract, Contractor will comply with all applicable provisions of The Drug-free Workplace Act, Title 44, Chapter 107 of the South Carolina Code of Laws, as amended. [02-2A065-1]

OPEN TRADE REPRESENTATION (JUN 2015):

By submitting an Offer, Offeror represents that Offeror is not currently engaged in the boycott of a person or an entity based in or doing business with a jurisdiction with whom South Carolina can enjoy open trade, as defined in SC Code Section 11-35-5300. [02-2A083-1]

PROTESTS (MAY 2019)

If you are aggrieved in connection with the solicitation or award of the contract, you may be entitled to protest, but only as provided in Section 11-35-4210. To protest a solicitation, you must submit a protest within fifteen days of the date the applicable solicitation document is issued. To protest an award, you must (i) submit notice of your intent to protest within seven business days of the date the award notice is posted, and (ii) submit your actual protest within fifteen days of the date the award notice is posted. Days are calculated as provided in Section 11-35-310(13). Both protests and notices of intent to protest must be in writing and must be received by the appropriate Chief Procurement Officer within the time provided. See clause entitled "Protest-CPO". The grounds of the protest and the relief requested must be set forth with enough particularity to give notice of the issues to be decided. [02-2A085-2]

PROTEST - CPO - MMO ADDRESS (Modified)

Any protest must be addressed to the Chief Procurement Officer, Materials Management Office, and submitted in writing
(a) by email to protest-mmo@mmo.state.sc.us
(b) by post or delivery to 1201 Main Street, Suite 600, Columbia, SC 29201. [02-2B122-1]

NO PUBLIC OPENING

No public opening will be held for Requests for Quotations.

SIGNING YOUR OFFER (MODIFIED)

A quote may be submitted via email by an authorized agent with authority to bind the Offeror.

AWARD TO ONE OFFEROR (JAN 2006):

Award will be made to one Offeror. [06-6040-1]

DUCTLESS SINGLE ZONE VARIABLE REFRIGERANT FLOW (VRF) HEAT PUMP SYSTEM SCHEDULE

UNIT TAG	SERVICE AREA	NOM. TONS	UNIT TYPE	TRANE MODEL No.	INDOOR UNIT DATA							OUTDOOR UNIT DATA										REMARKS		
					C.F.M. (MAX) TOTAL	VOLTAGE	COOLING CAPACITY		HEATING CAPACITY		WEIGHT (LBS.)	UNIT TAG	TRANE MODEL No.	No. COMP.	No. FANS	VOLTAGE	NOMINAL CAPACITIES & PERFORMANCE		ELECTRICAL		WEIGHT (LBS.)			
							TOTAL MBH	SENSIBLE MBH	TOTAL MBH	ENT. AIR DB °F							COOLING EFFICIENCY	HEATING EFFICIENCY	MCA	MOP				
HP-1	OFFICE AREA	2.0	WALL MOUNTED	NXTWST24A	661	208-230/1/60	22.4	16.8	80.0	67.0	22.6	70.0	37	CD-1	NTXSST24A	1	1	208-230/1/60	20.5 SEER	10.0 HSPF	17.1	20	119	NOTES 1-11
HP-2	OFFICE AREA	2.0	WALL MOUNTED	NXTWST24A	661	208-230/1/60	22.4	16.8	80.0	67.0	22.6	70.0	37	CD-2	NTXSST24A	1	1	208-230/1/60	20.5 SEER	10.0 HSPF	17.1	20	119	NOTES 1-11
HP-3	OFFICE AREA	1.0	WALL MOUNTED	NXTWST12A	364	208-230/1/60	12.0	9.2	80.0	67.0	14.1	70.0	22	CD-3	NTXSST12A	1	1	208-230/1/60	23.1 SEER	12.5 HSPF	9.0	15	81	NOTES 1-11

ABBREVIATIONS:

NOM. - NOMINAL; C.F.M. - CUBIC FEET PER MINUTE; MBH - 1000 BTU PER HOUR; ENT. - ENTERING; DB°F - DRY BULB DEGREES FAHRENHEIT; WB°F - WET BULB DEGREES FAHRENHEIT; M.O.P. - MAXIMUM OVERLOAD PROTECTION; COMP. - COMPRESSORS; KW - KILOWATTS; MCA - MAXIMUM CIRCUIT AMPACITY

NOTES:

1. COOLING CAPACITY SCHEDULED AT 80° F DB/67° F WB INDOOR CONDITIONS, 95° F DB AMBIENT OUTDOOR CONDITION.
2. HEATING CAPACITY SCHEDULED AT 70° F DB INDOOR CONDITIONS, 47° F DB/43° F WB AMBIENT OUTDOOR CONDITION.
3. COOLING EFFICIENCY SCHEDULED AT 80° F DB/67° F WB INDOOR CONDITIONS, 95° F DB AMBIENT OUTDOOR CONDITION (AHR1230 RATING CONDITIONS).
4. HEATING EFFICIENCY SCHEDULED AT 70° F DB INDOOR CONDITION, 47° F DB/43° F WB AMBIENT OUTDOOR CONDITION (AHR1230 RATING CONDITIONS).
5. HEAT PUMP OUTDOOR UNIT, AIR-COOLED, R-410a REFRIGERANT, INVERTER-DRIVEN COMPRESSOR.
6. DISCONNECTS BY ELECTRICAL.
7. R410a REFRIGERANT, REFRIGERANT PIPE SIZES SHALL BE CONFIRMED BY MANUFACTURER.
8. "NAVIGATION" REMOTE CONTROLLER WITH REMOTE SPACE SENSING ELEMENT, REMOTE CONTROLLER TO BE CONCEALED MOUNTED WITH EXPOSED REMOTE SENSOR.
9. VARIABLE REFRIGERANT FLOW LOW VOLTAGE SYSTEM CONTROLS SHALL BE INSTALLED AS PART OF CONTROLS SUBCONTRACTOR INSTALLATION.
10. ALL UNITS SHALL BE PROVIDED WITH CONDENSATE PUMP. ("MEGA-BLUE") MOUNTED ABOVE CEILING AND CONNECT TO INDOOR UNIT POWER SUPPLY.
11. PROVIDE WITH THERMOSTAT INTERFACE CARD TO ALLOW CONNECTION BY "HARRIS SALES AND SERVICE".

MECHANICAL GENERAL NOTES

1. ALL SCHEDULES SHOWN ARE THE PURPOSE OF AIDING THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CORRECT TOTALS.
2. THE CONTRACTOR SHALL REFER TO ARCHITECTURAL DRAWINGS FOR CONSTRUCTION DETAILS. CO-ORDINATE HVAC INSTALLATION WITH ALL OTHER TRADES.
3. REFER TO ELECTRICAL DRAWINGS FOR POWER CONNECTION POINTS.
4. ALL ELECTRICALLY POWERED EQUIPMENT SHALL BE LISTED AND LABELED PER NATIONAL ELECTRICAL CODE, AND INTERNATIONAL MECHANICAL CODE, 2021 EDITION CHAPTER 3.
5. ALL EQUIPMENT SHALL BE ACCESSIBLE PER INTERNATIONAL MECHANICAL CODE, CHAPTER 3 2021 EDITION.

MECHANICAL SPECIFICATIONS

MECHANICAL GENERAL PROVISIONS

COORDINATION OF MECHANICAL WORK:

GENERAL: It is recognized that the contract documents are diagrammatic in showing certain physical relationships which must be established within the mechanical work, and in its interface with other work including utilities and electrical work, and that such establishment is the exclusive responsibility of the Contractor.

QUALITY ASSURANCE, STANDARDS AND SYMBOLS:

General: The following standards are imposed, as applicable to the work in each instance:

- International Building Code (IBC), 2021 Edition
- NFPA Code
- International Energy Conservation Code (IECC), 2009 Edition
- International Mechanical Code (IMC) 2021 Edition
- National Electrical Code, NFPA 70

ELECTRICAL PROVISIONS OF MECHANICAL WORK:

WIRING: The contractor is responsible for all wiring.

All power and control wiring to be complete to all equipment, and control devices. The Contractor shall determine the source of electrical energy for the various power and control circuits. All wiring shall be in conduit, shall conform with all local codes, the National Electrical Code, and shall be installed by an approved licensed Electrical Contractor.

SYSTEMS INSULATION

PIPING:

Extent of insulation work is indicated as described herein. Work to include refrigerant, and condensate piping. Refrigerant and condensate piping insulation shall be 3/4" Arma Flex, Elastomeric type, with sealed joints. Outdoor piping shall be protected with aluminum (refer to refrigerant piping notes below for additional insulation requirements.)

CONDENSATE DRAIN PIPING

Schedule 40 SOLID WALL PVC with solvent joints.

REFRIGERANT PIPING NOTES

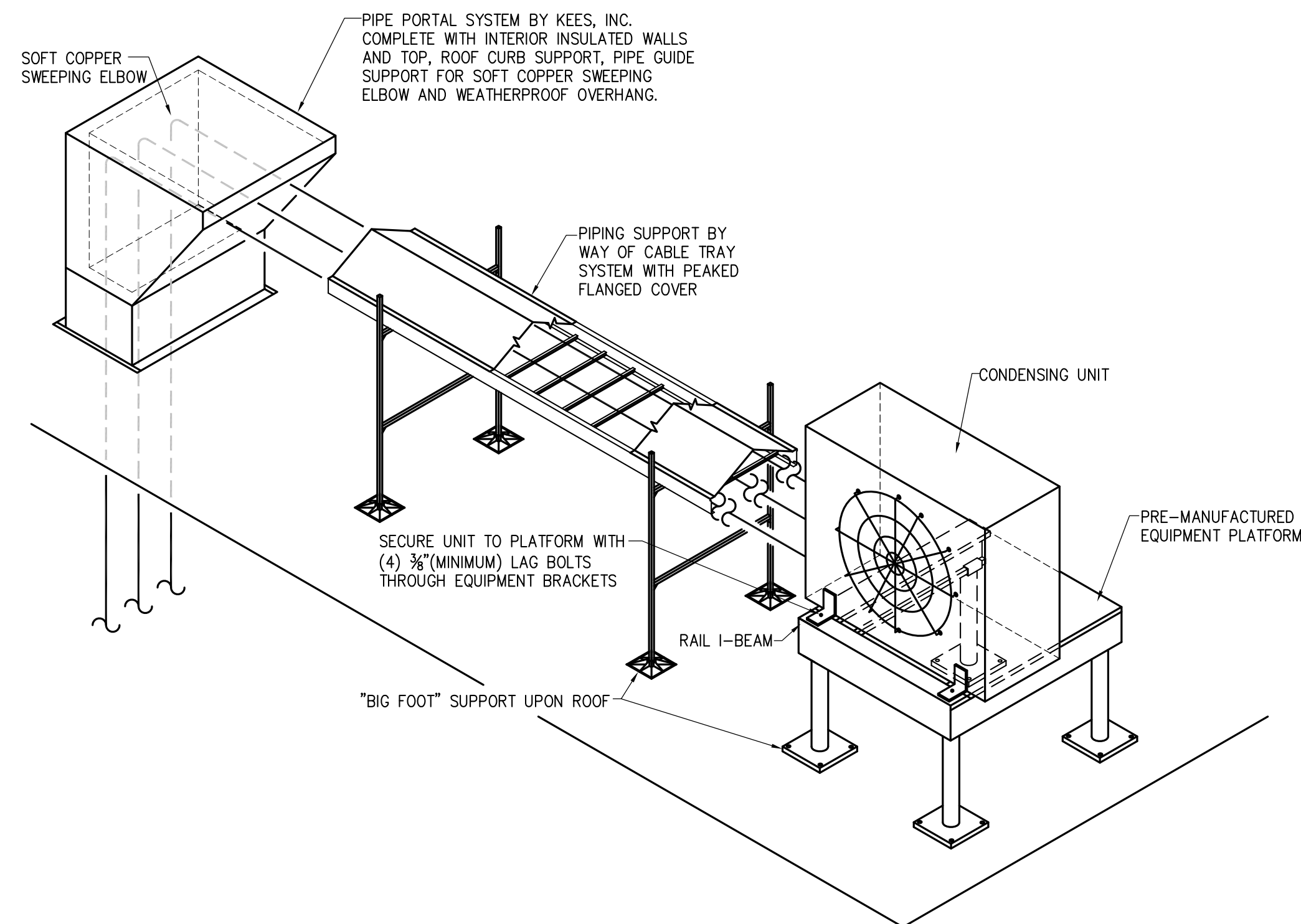
1. All joints shall be brazed copper, except at the indoor units which shall be flared.
2. All piping shall be installed in accordance with the mechanical design. Any deviation shall be submitted for prior approval to the mechanical engineer prior to installation. Selected copper refrigerant tube must be of suitable wall thickness for higher operation pressures.
3. All refrigerant piping shall be copper "ACR" type "L" rated for R-410a or as specified. Piping (after annealing) shall have sufficient wall thickness for a continuous operating pressure of 600 psi. Per ASME B31.5-2010.
4. Nitrogen must be used during all brazing of fittings. A pressure of 2-3 psi shall be used to prevent copper plate or oxidation formation.
5. Pressure testing: Tighten down stop valves before any pressure testing to prevent nitrogen from leaking back through condenser and contaminating refrigerant. Pressure testing shall be done in three (3) steps:
 - Step 1- leak check 3 minutes at 150 psi.
 - Step 2- leak check after 5 minutes at 325 psi.
 - Step 3- leak check after 24 hours at 550 psi.
- Contractor shall check flare nuts for leaks using bubble solution, be sure to use a recommended product. Do not use a waterdown fairy liquid solution.
6. Leak testing and evacuation is recommended in accordance with the US EPA "Green Chill Best practices guideline ensuring Leak-Tight Installation of Commercial Refrigerant Equipment."
7. Evacuation procedures shall be performed as follows:
 - a. Evacuate the system to 4000 microns. Break the vacuum with nitrogen to a pressure of 2-3 psi and hold for 15 minutes.
 - b. Evacuate system to 1500 microns and maintain for 20 minutes. Break the vacuum with nitrogen to a pressure of 2-3 psi and hold for 15 minutes.
 - c. Evacuate system to below 500 microns and hold for 60 minutes.
 - d. Evacuate system to below 300 microns and hold for 24 hours.
- Vacuum pump check valve should be used to prevent mineral oil from being drawn into the system.

Contractor shall use installation tools you exclusively use on R410a installations to withstand the pressure and to prevent foreign material from mixing into the system.

9. All refrigerant piping exterior to the building shall have aluminum jacket covering the insulation in accordance with the following specifications:
 - a. Equivalent to "Pabco-Childers metals" aluminum roll jacketing, .016" thick, complying with 3105/3003 standard alloys, stucco embossed finish with polyurethane moisture retarder. Provide 1/2" aluminum band clamp every 10 to 12".

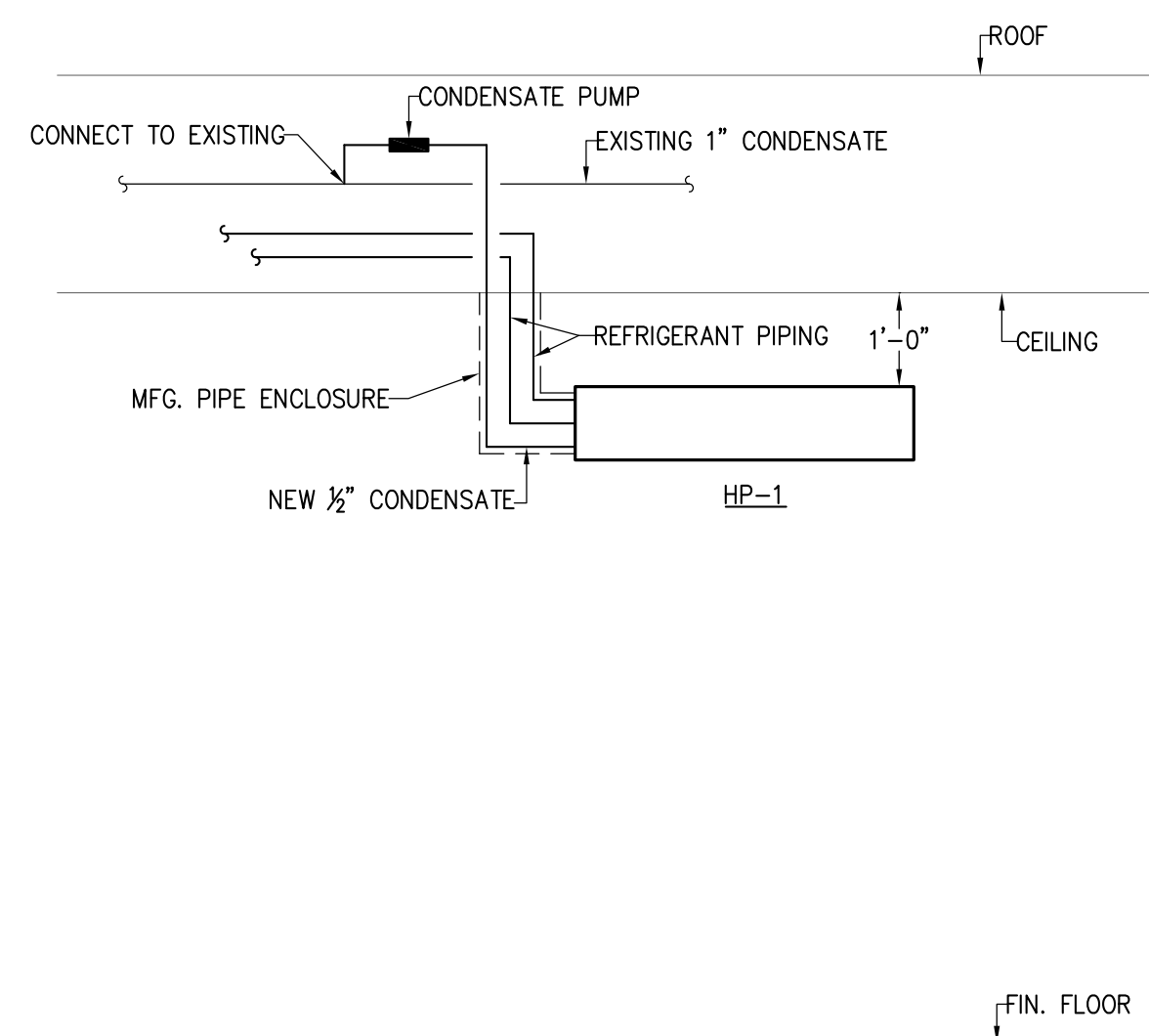
10. Insulation techniques: All pipe work, fittings and accessories must be insulated using code compliant (25/50 rated), Armacell, 3/4" thick minimum, UV resistant closed cell insulation (1/2" thick on 1/2" liquid lines). Insulation of pipes should be done after performing work required by Note 8 (air tight test and vacuum drying). Insulate flare nuts on indoor units using the insulation provided or condensation will occur causing leaks.

11. Refrigerant piping shall be fully supported using either uni-strut and pipe cushion clamps.



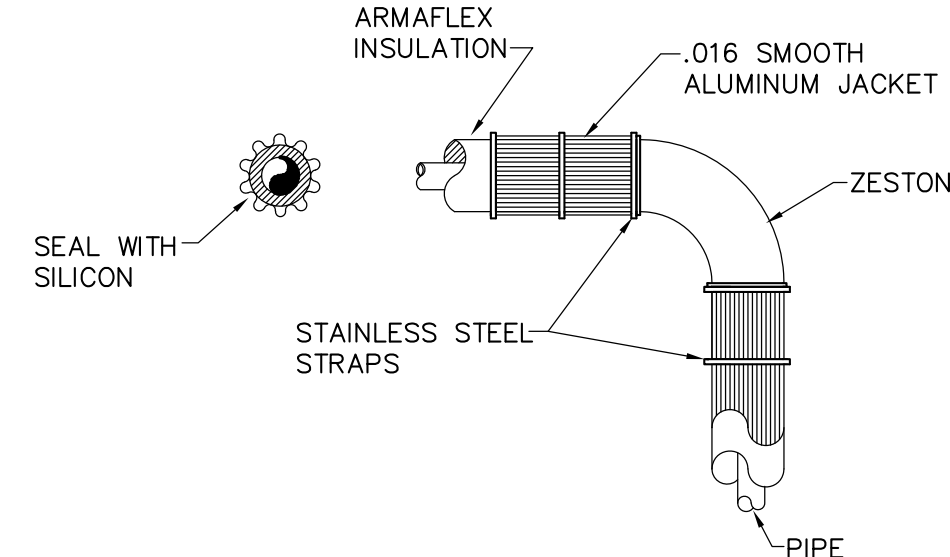
SINGLE ZONE VRV SYSTEM INSTALLATION DETAIL – ROOF MOUNTED

NOT TO SCALE
(TYPICAL FOR HP-1, HP-2 & HP-3)



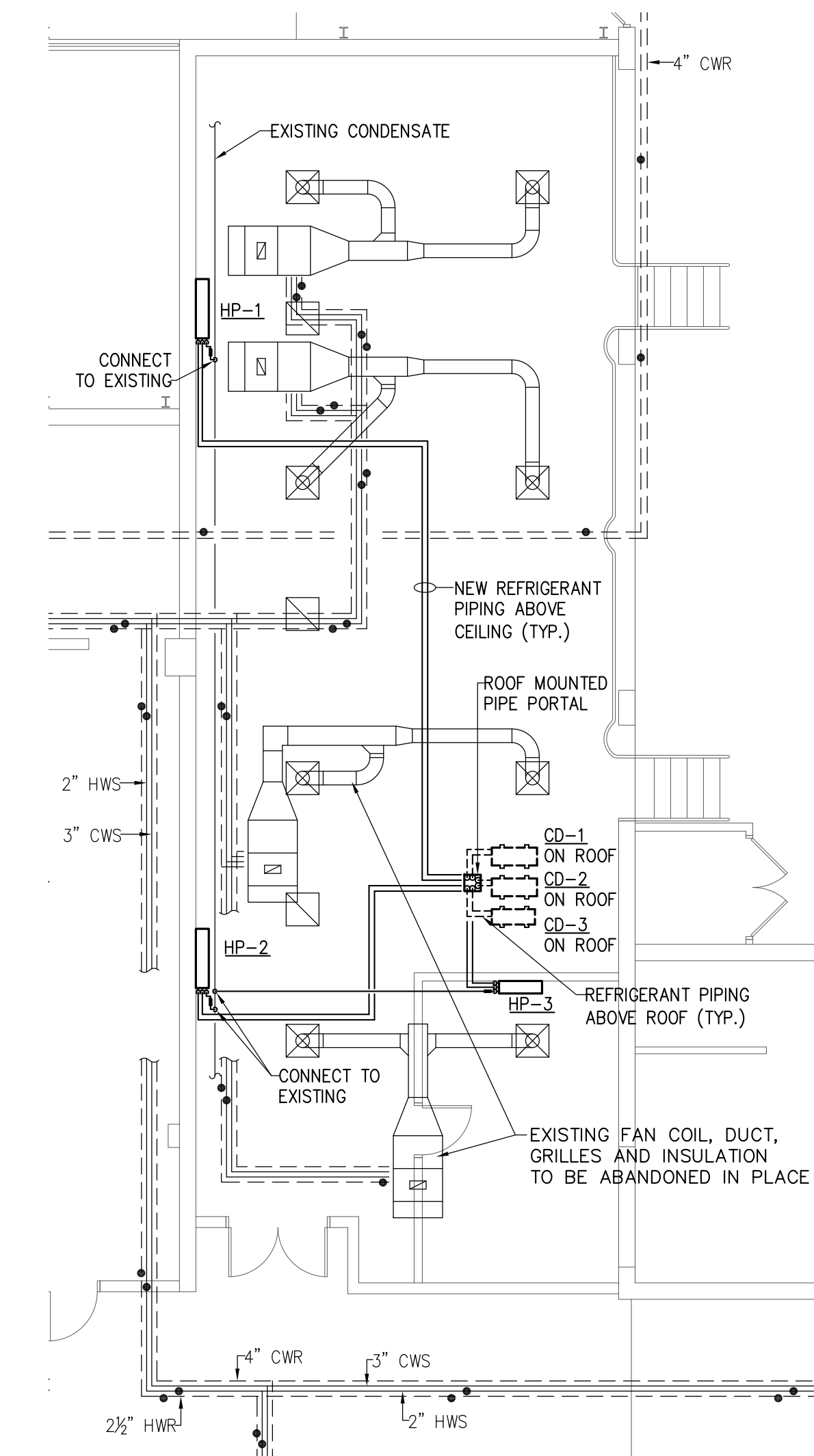
WALL MOUNTED MINI-SPLIT DETAIL

NO SCALE
(TYPICAL FOR HP-1, HP-2 & HP-3)



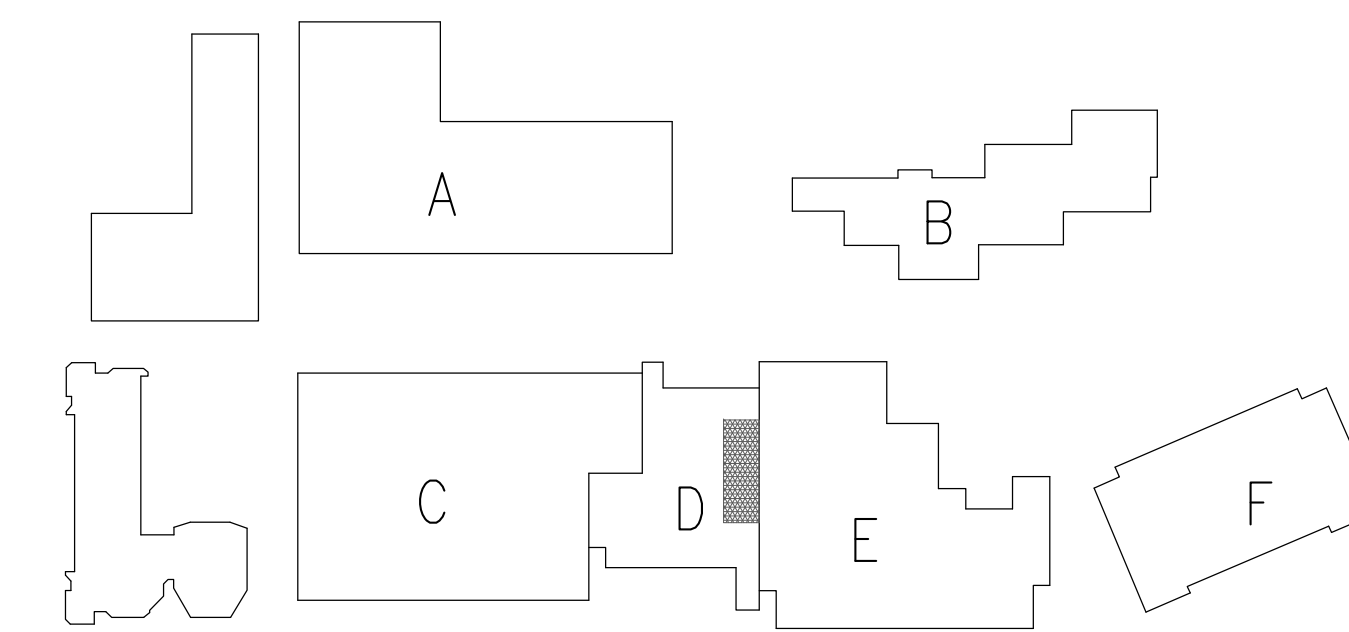
TYPICAL GAS REFRIGERANT PIPING DETAIL (EXPOSED OUTDOORS)

NO SCALE



PARTIAL HVAC FLOOR PLAN

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

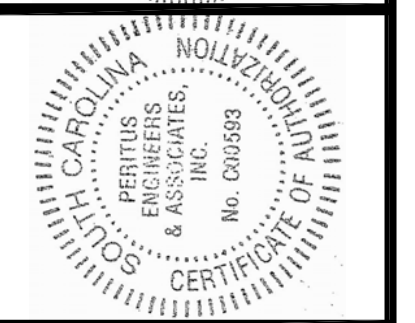
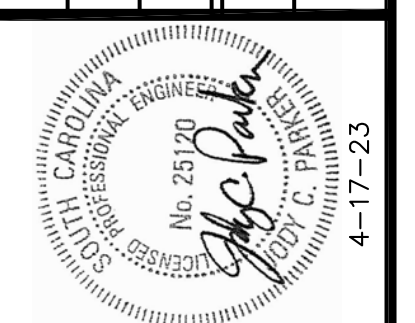


Key Plan

A: CLEVELAND B: WELDING & TEXTILES C: PICKENS D: STUDENT CENTER E: ANDERSON F: MILLER



NO.	DATE	BY	SEM	DESCRIPTION	REVISIONS
0	4-17-23				

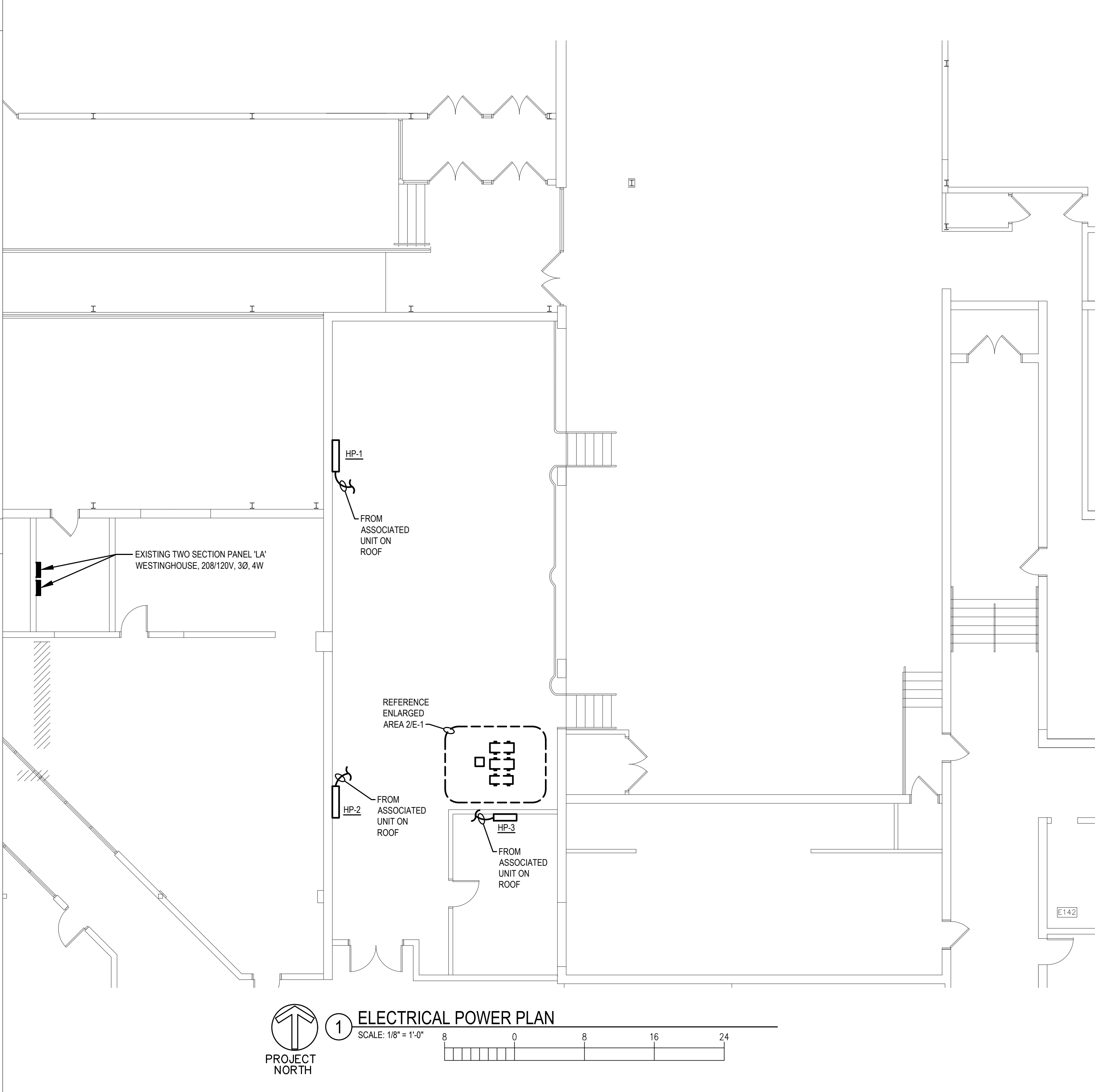


ANDERSON HALL
SWING SPACE HVAC
PENDLETON, SOUTH CAROLINA

DESIGN SEM	DRAWN TCM
CHECKED JCP	
DATE 4-17-23	
JOB NO.	
SHEET	
M-1	
1 OF 1 SHEETS	

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SYMBOL	DESCRIPTION
CIRCUITS AND CONDUIT	
	HOME RUN TO LIGHTING/SERVICE PANEL. HASH MARKS, WHEN SHOWN, INDICATE NUMBERS OF CONDUCTORS. "/> INDICATES HOT WIRE. "N" INDICATES NEUTRAL CONDUCTOR. "G" INDICATES GROUND CONDUCTOR. HOME RUN NOTE INDICATES PANEL NAME AND CIRCUIT NAME OR FEEDER TAG. CONDUCTORS SHALL BE #12 AWG IN 3/4" CONDUIT UNLESS NOTED OTHERWISE. ANY HOME RUN OR CONDUIT WITHOUT HASH MARKS IS TO CONTAIN 3 CONDUCTORS: 1 HOT, 1 NEUTRAL, AND 1 EQUIPMENT GROUND. EACH HOT CIRCUIT SHALL BE PAIRED WITH A SEPARATE NEUTRAL CONDUCTOR. SHARING OF NEUTRAL CONDUCTORS BETWEEN CIRCUITS IS NOT ALLOWED.
	CONDUIT RUN CONCEALED ABOVE CEILING OR IN WALLS, UNLESS NOTED OTHERWISE.
EQUIPMENT	
	LIGHTING OR SERVICE PANEL, SURFACE MOUNTED (208V)
	SAFETY DISCONNECT SWITCH. "30" INDICATES AMP RATING. "20" INDICATES FUSE SIZES. "3P" INDICATES NUMBER OF POLES. ENCLOSURE TO BE NEMA 1 UNLESS NOTED OTHERWISE (3R, 4X, ETC.) SQUARE D H300 SERIES HEAVY DUTY SAFETY SWITCH



1 ELECTRICAL POWER PLAN
SCALE: 1/8" = 1'-0"

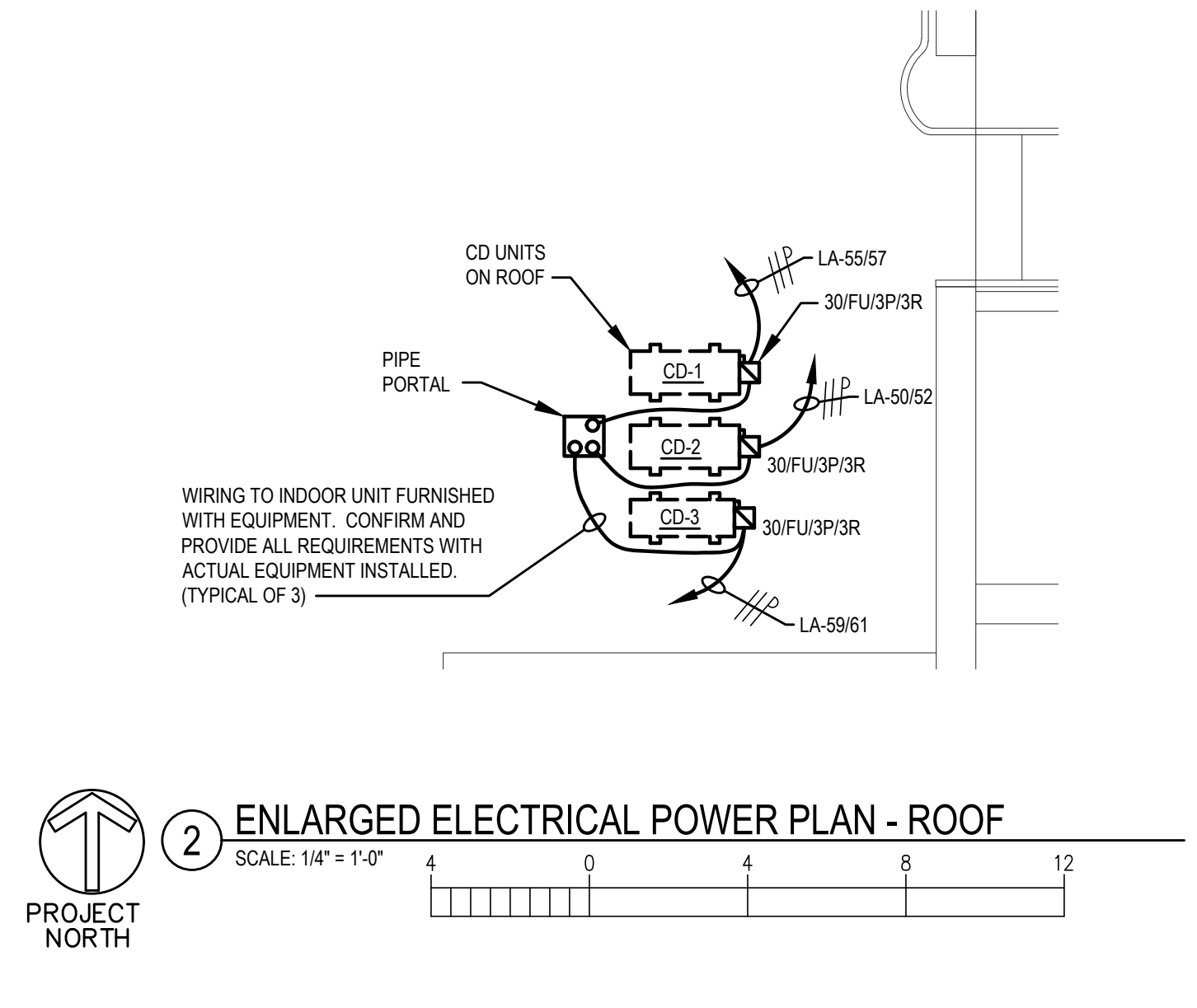
GENERAL SHEET NOTES

- CONTRACTOR SHALL VERIFY LOADS AND AVAILABILITY OF ALL CIRCUITS BEING MODIFIED AS PART OF THIS PROJECT AND SHALL ENSURE THAT CIRCUIT LOADS DO NOT EXCEED CODE LIMITS. CONTRACTOR SHALL LABEL ALL DEVICES SHOWN TO BE CONNECTED TO EXISTING CIRCUITS WITH THE CURRENT PANEL AND CIRCUIT NUMBER ON THE RECORD DRAWINGS.
- SEE MECHANICAL DRAWINGS FOR EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT.
- ALL CONDUITS FOR ROOF MOUNTED EQUIPMENT SHALL ROUTE THROUGH PIPE PORTAL. (FURNISHED AND INSTALLED BY OTHERS).

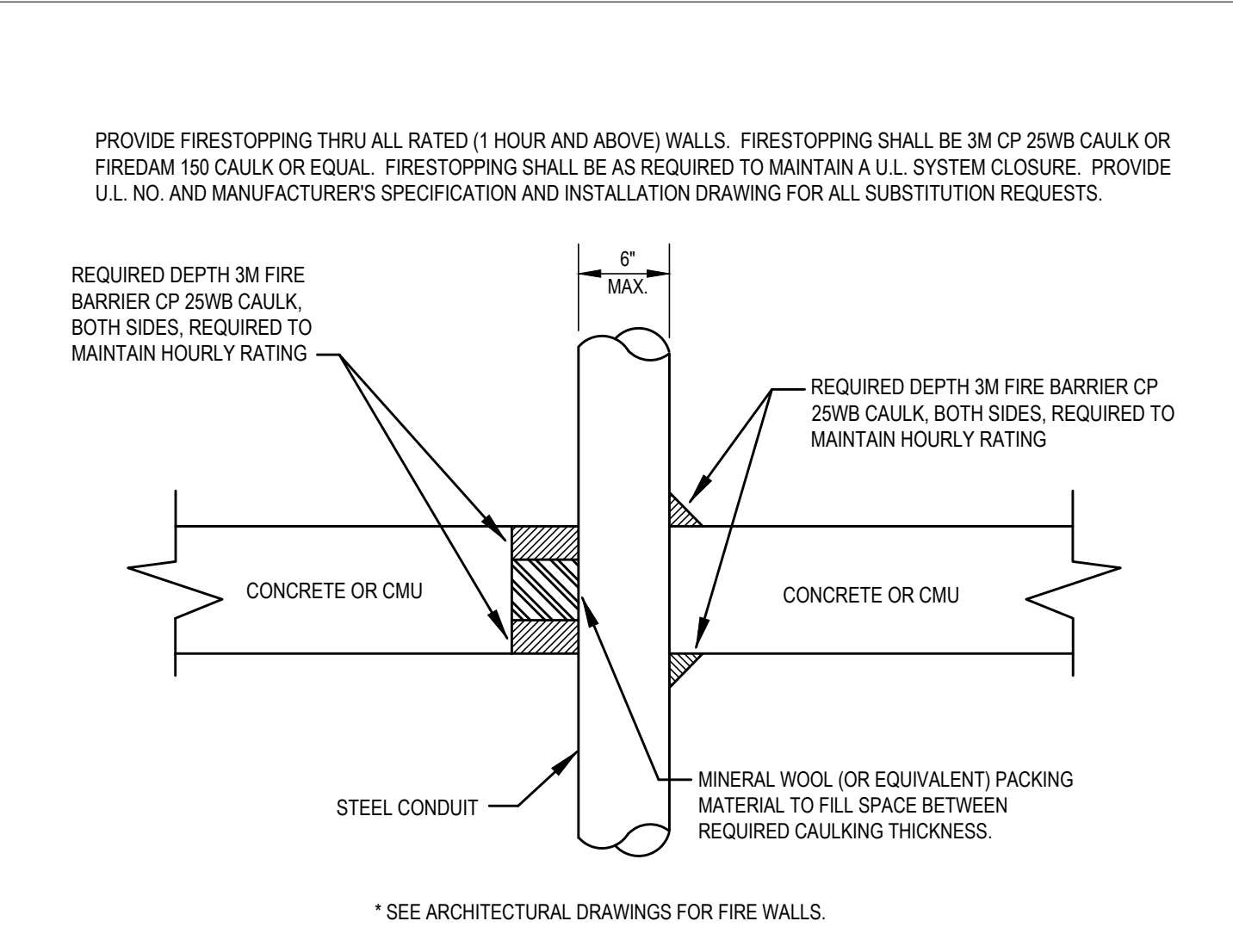
ABBREVIATIONS:

AFF	ABOVE FINISHED FLOOR	MLO	MAIN LUGS ONLY
EMT	ELECTRICAL METALLIC TUBING	MCB	MAIN CIRCUIT BREAKER
FU	FUSE	NTS	NOT TO SCALE
FWE	FURNISHED WITH EQUIPMENT	RECPT	RECEPTACLE (R.)
LTG	LIGHTING (L.)	WP	WEATHER PROOF

- ELECTRICAL GENERAL NOTES:**
- INSPECT SITE PRIOR TO SUBMITTING BID. DRAWINGS ARE INTENDED TO COVER THE REQUIRED ELECTRICAL SYSTEMS. DRAWINGS MAY NOT SHOW COMPLETE OR ACCURATE DETAILS OF THE BUILDING OR SYSTEM IN EVERY RESPECT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ANY ADDITIONAL INFORMATION AS REQUIRED.
 - CONFORM TO THE NATIONAL ELECTRICAL CODE (2020), IBC (2021), IECC (2009), APPLICABLE NEMA, ANSI AND IEEE PUBLICATIONS, U.L. AND ADA STANDARDS AND OSHA REQUIREMENTS. COMPLY WITH LOCAL, COUNTY, STATE AND NATIONAL CODES HAVING JURISDICTION.
 - FURNISH AND INSTALL ALL MATERIALS IN A NEAT AND WORKMANLIKE FASHION. ALL MATERIALS SHALL BE NEW, WITH FIRST QUALITY AND UL LABEL.
 - VERIFY ALL DIMENSIONS AND CLEARANCES PRIOR TO INSTALLATION OF EQUIPMENT AND RACEWAYS. CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF WORK WITH THAT OF ALL OTHER TRADES AS REQUIRED.
 - CONDUIT SHALL BE EMT FOR BRANCH CIRCUIT WIRING AS ALLOWED BY NEC, EXCEPT THAT SET SCREW OR CRIMP FITTINGS ARE NOT ALLOWED. WHERE EXPOSED TO PHYSICAL DAMAGE CONDUITS SHALL BE RIGID GALVANIZED STEEL. MINIMUM CONDUIT SIZE SHALL BE 3/4". ALL CONDUCTORS SHALL BE TYPE THHN/THWN, STRANDED 600V COPPER BUILDING WIRE. MINIMUM SIZE SHALL BE #12 AWG COPPER UNLESS NOTED.
 - PROVIDE GROUNDING FOR ALL EQUIPMENT IN ACCORDANCE WITH ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE.
 - ALL ENCLOSURES SHALL BE OF THE NEMA TYPE WHICH IS SUITABLE FOR THE APPLICATION.
 - SEAL ALL CONDUIT PENETRATIONS TO MATCH RATING OF WALL BEING PENETRATED.
 - ALL WORK SHALL HAVE PROPER LABELING AND NAMEPLATES. ALL CIRCUITS SHALL BE LABELED AT PANELS AND BOXES AS INDICATED. ALL PANELS AND DISCONNECTS ARE TO BE PERMANENTLY MARKED WITH NAME OF EQUIPMENT SERVED AS WELL AS SOURCE PANEL AND CIRCUIT NUMBER PER NEC 110. ALL PANELS ARE TO BE PROVIDED WITH TYPEWRITTEN PANEL SCHEDULES.
 - ALL BREAKERS ON CIRCUITS SUPPLYING HVAC EQUIPMENT SHALL BE TYPE HACR BREAKERS.
 - THOROUGHLY CLEAN ALL EQUIPMENT AND SYSTEMS BEFORE PLACING IN OPERATION. RESTORE FINISHED SURFACES IF DAMAGED AND DELIVER THE ENTIRE INSTALLATION IN AN APPROVED CONDITION. INSTRUCT THE OWNERS' PERSONNEL IN THE PROPER OPERATION AND MAINTENANCE OF THE SYSTEMS. FURNISH TO THE OWNER THREE SETS OF OPERATION AND MAINTENANCE MANUALS FOR EACH SYSTEM.
 - GUARANTEE THE WORK INSTALLED FOR A PERIOD OF ONE YEAR AFTER DATE OF FINAL ACCEPTANCE. DEFECTS WHICH APPEAR AS A RESULT OF NORMAL USAGE SHALL BE REMEDIED BY THE CONTRACTOR TO THE COMPLETE SATISFACTION OF THE OWNER WITHOUT COST TO THE OWNER.
 - CONTRACTOR SHALL KEEP CURRENT A SET OF PLANS FOR THE DURATION OF CONSTRUCTION WITH ALL CHANGES TO WORK NEATLY AND ACCURATELY MARKED IN RED AND SHALL TURN OVER TO OWNER AT COMPLETION OF PROJECT.
 - ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED TO MEET SEISMIC REQUIREMENTS OF 2021 IBC.



2 ENLARGED ELECTRICAL POWER PLAN - ROOF
SCALE: 1/4" = 1'-0"

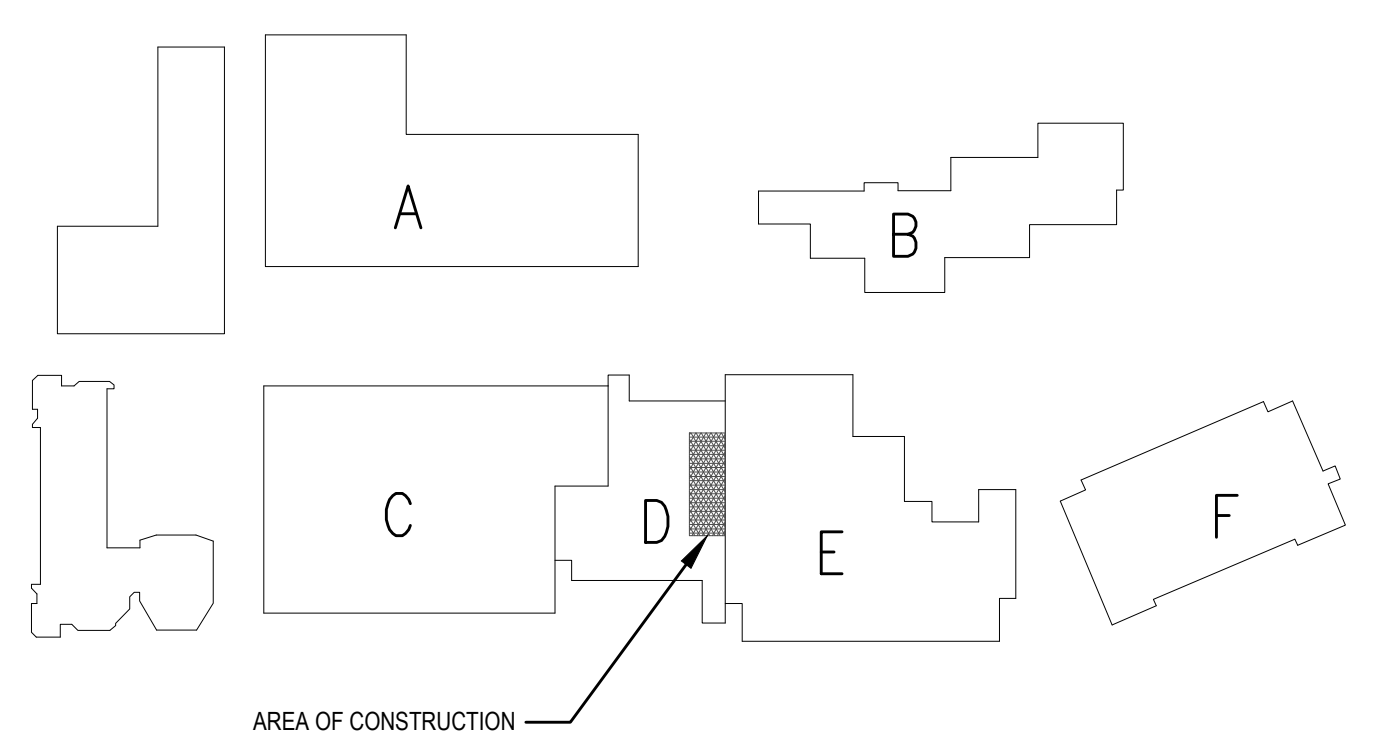


3 TYPICAL CONDUIT SLEEVE DETAIL
SCALE: NTS

PANEL	LA (SECTION 2) (EXISTING)	CABINET	MOUNTED	TYPE	BRANCH CIRCUIT				
					DESIGNATION	DEVICE			
20	1	USED		USED	43	44			
					45	46			
					47	48			
					49	50			
					51	52			
					53	54			
					55	56			
					57	58			
					59	60			
					61	62			
					63	64			
					65	66			
					67	68			
					69	70			
					71	72			
					73	74			
75	76								
77	78								
79	80								
81	82								
83	84								
INTEGRATED EQUIPMENT RATING: 10 KVA				KVA TOTAL	4.5	3.6	0.9	ADDED PANEL BOARD KVA LOAD TOTAL:	9.0

- PANEL NOTES:**
- PROVIDE NEW 20A/2P BREAKER IN EXISTING WESTINGHOUSE PANEL, 10000 AIC RATED.
 - PROVIDE NEW 15A/2P BREAKER IN EXISTING WESTINGHOUSE PANEL, 10000 AIC RATED.

BURDETTE ENGINEERING, INC.
200 Regent Park Court
Greenville, SC 29607
(864) 297-8717
(864) 297-8719 (FAX)
EMAIL: Bei@BurdetteEngr.com
BEI JOB NO. 23752A



Key Plan
A: CLEVELAND B: WELDING & TEXTILES C: PICKENS D: STUDENT CENTER E: ANDERSON F: MILLER

FOR PERMIT AND CONSTRUCTION	DESCRIPTION	REVISIONS
0	4-17-23	RAB
		BY
		DATE
		NO.

PERITUS ENGINEERS & ASSOCIATES, INC.
SKILLED IN THE ART OF ENGINEERING
1000 W. GREENVILLE AVENUE, SUITE 200
GREENVILLE, SOUTH CAROLINA 29607
TEL: (864) 297-8717 FAX: (864) 297-8719
WWW.PERITUS-ENGINEERS.COM

TriCounty TECHNICAL COLLEGE

ANDERSON HALL
SWING SPACE HVAC

PENDELTON, SOUTH CAROLINA

DESIGN	RAB	DRAWN	TMP
CHECKED	PEK		
DATE	4-17-23		
JOB NO.			
SHEET	E-1		
1	OF	1	SHEETS