

5 RTU CURB ADAPTER
ME01 NOT TO SCALE

3 ROOF-MOUNTED PIPE SUPPORT
ME01 NOT TO SCALE

4 GAS CONNECTION FOR ROOFTOP EQUIPMENT
ME01 NOT TO SCALE

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ME01

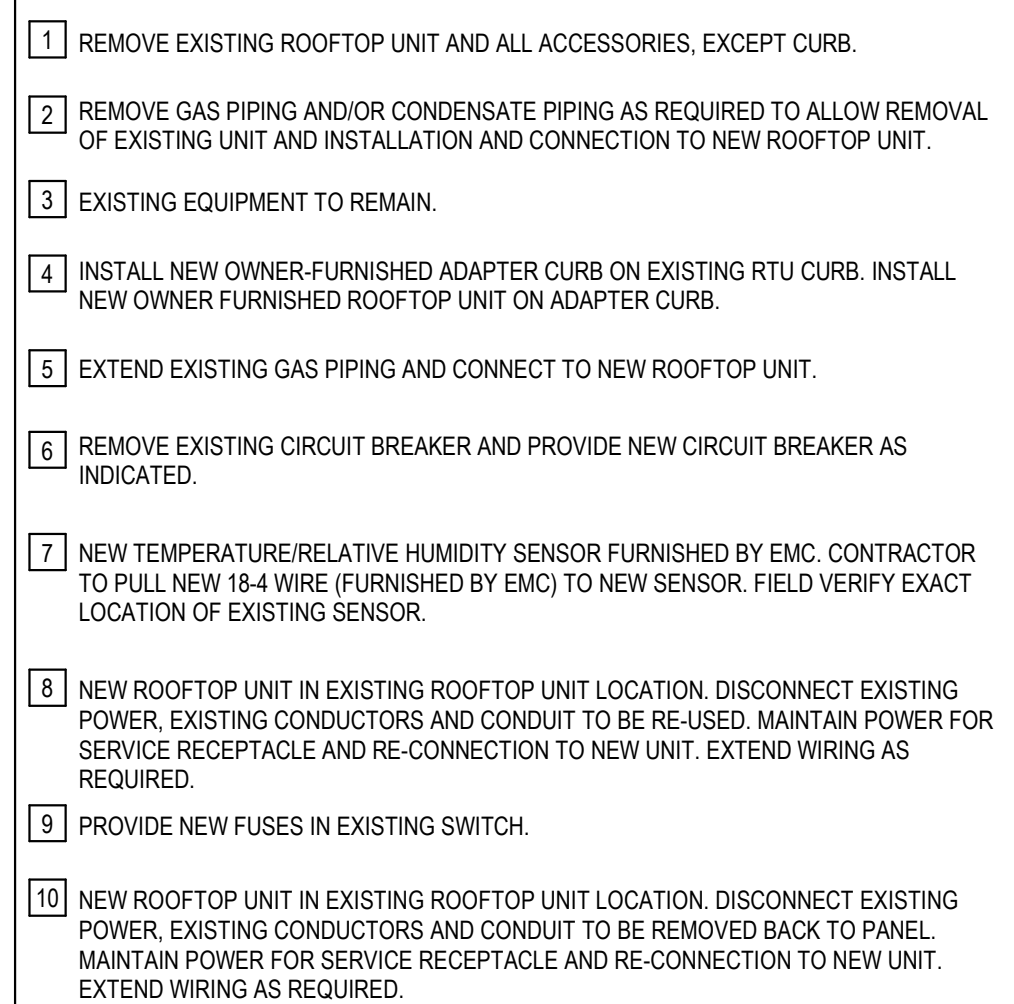
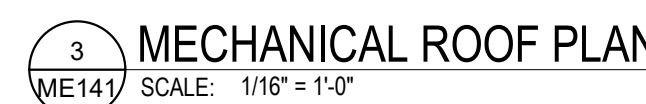
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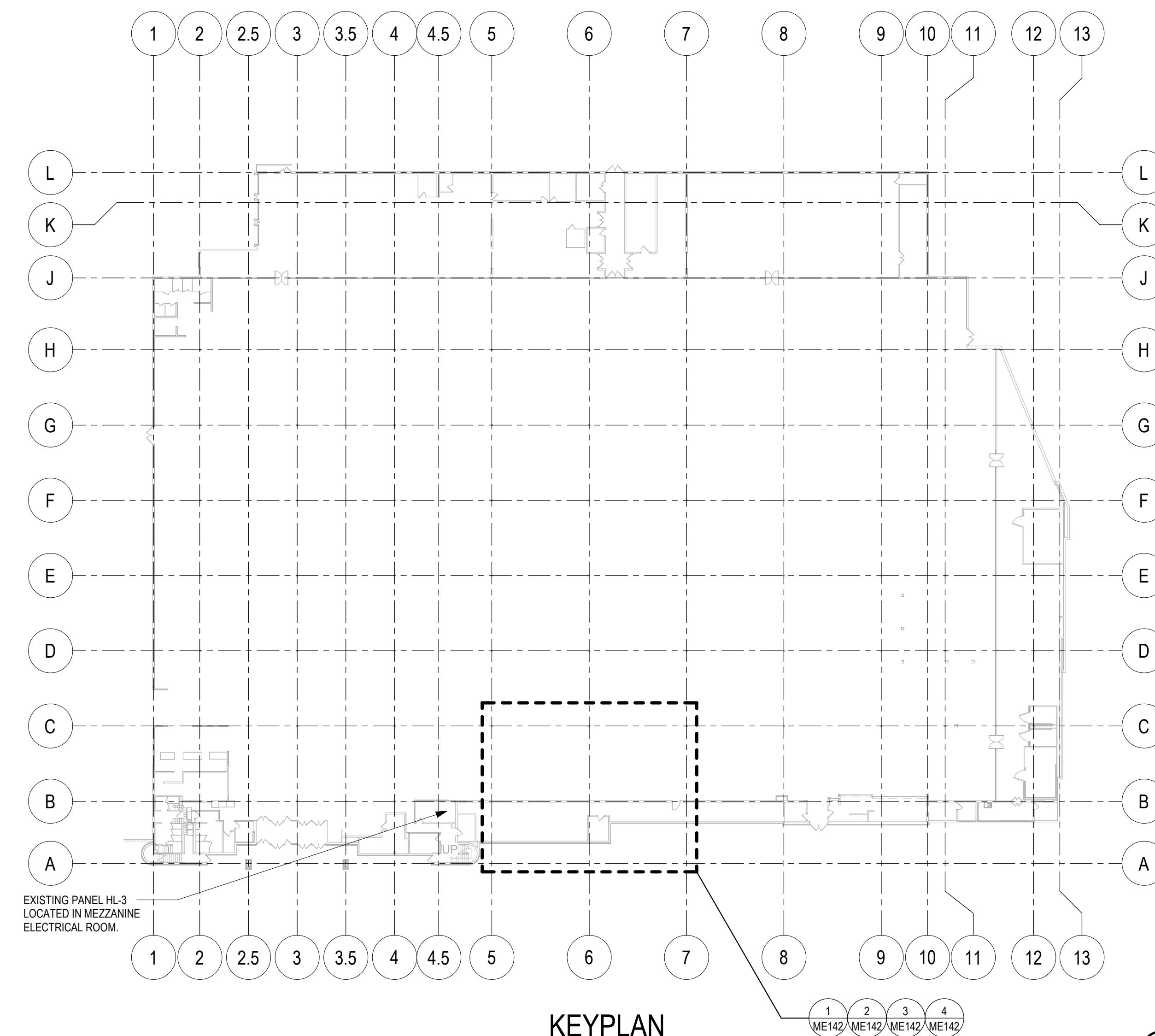
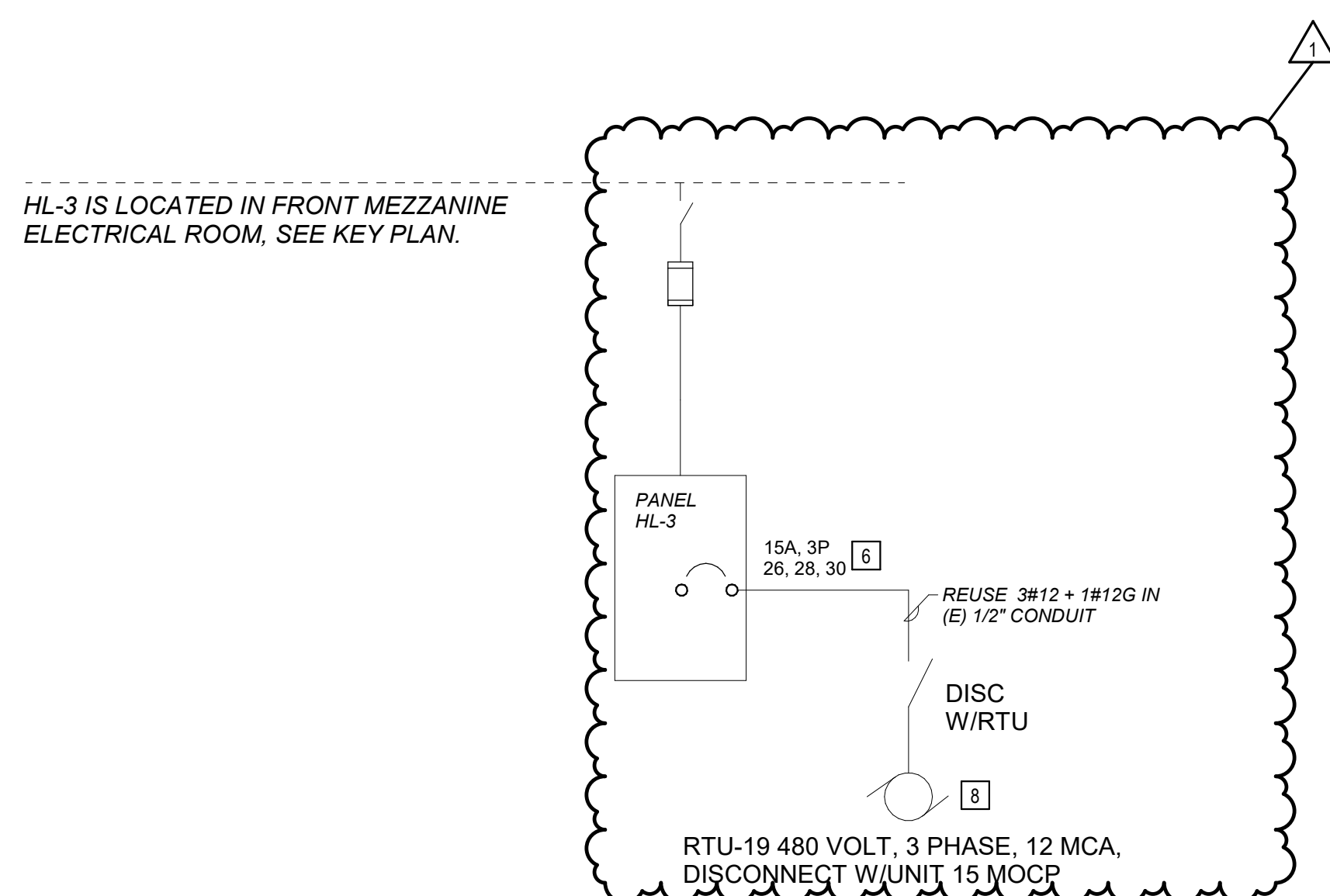
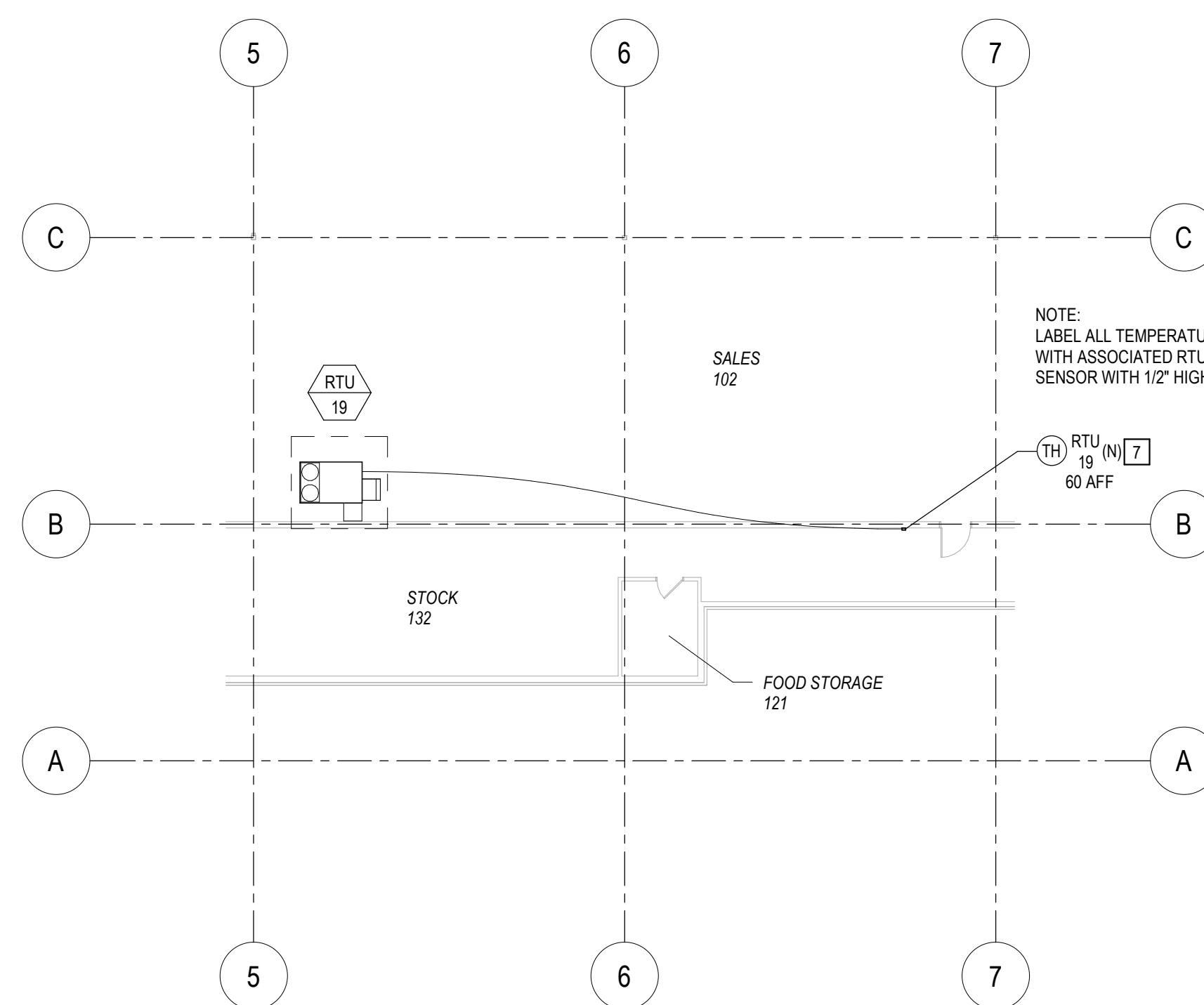
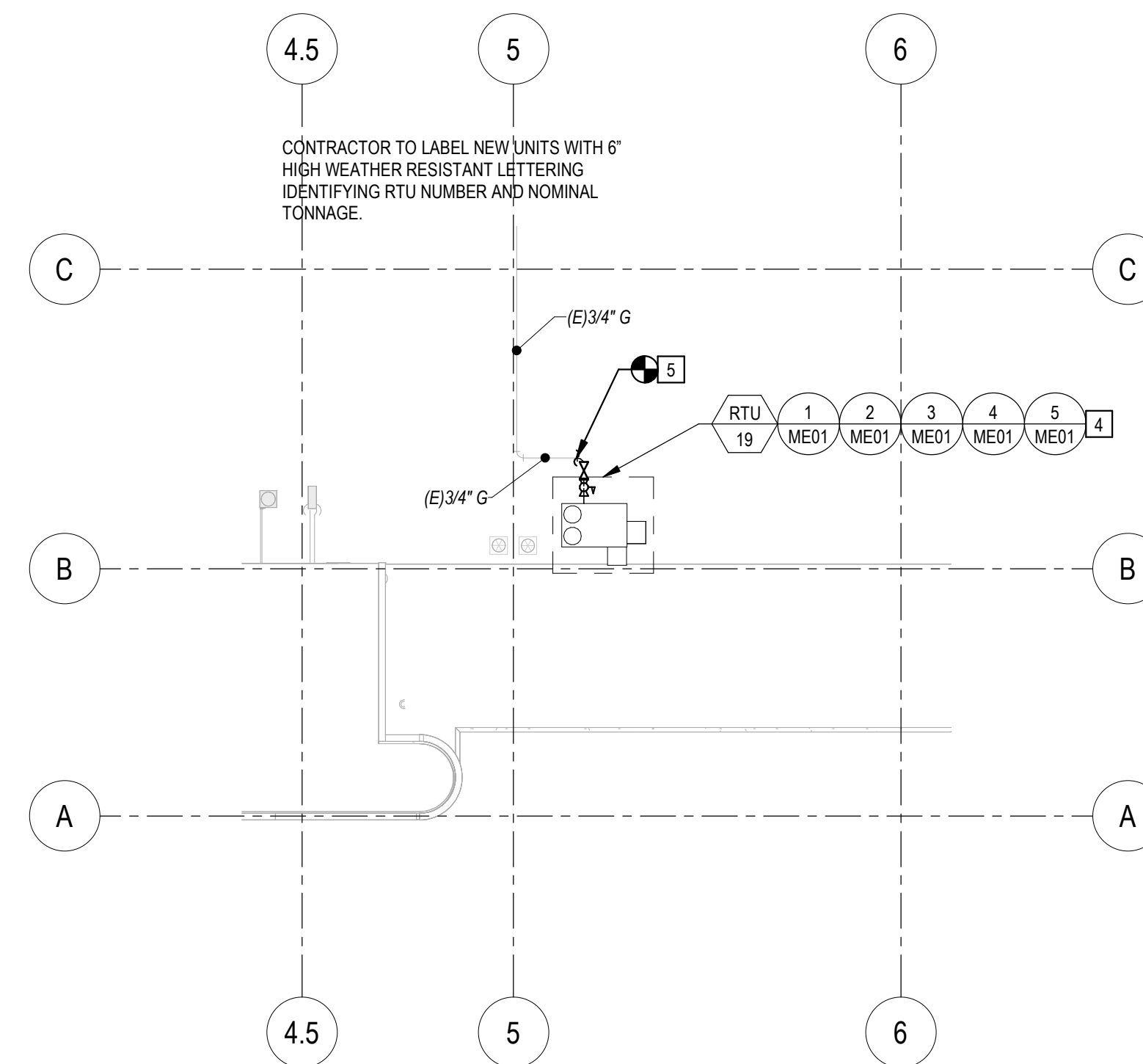
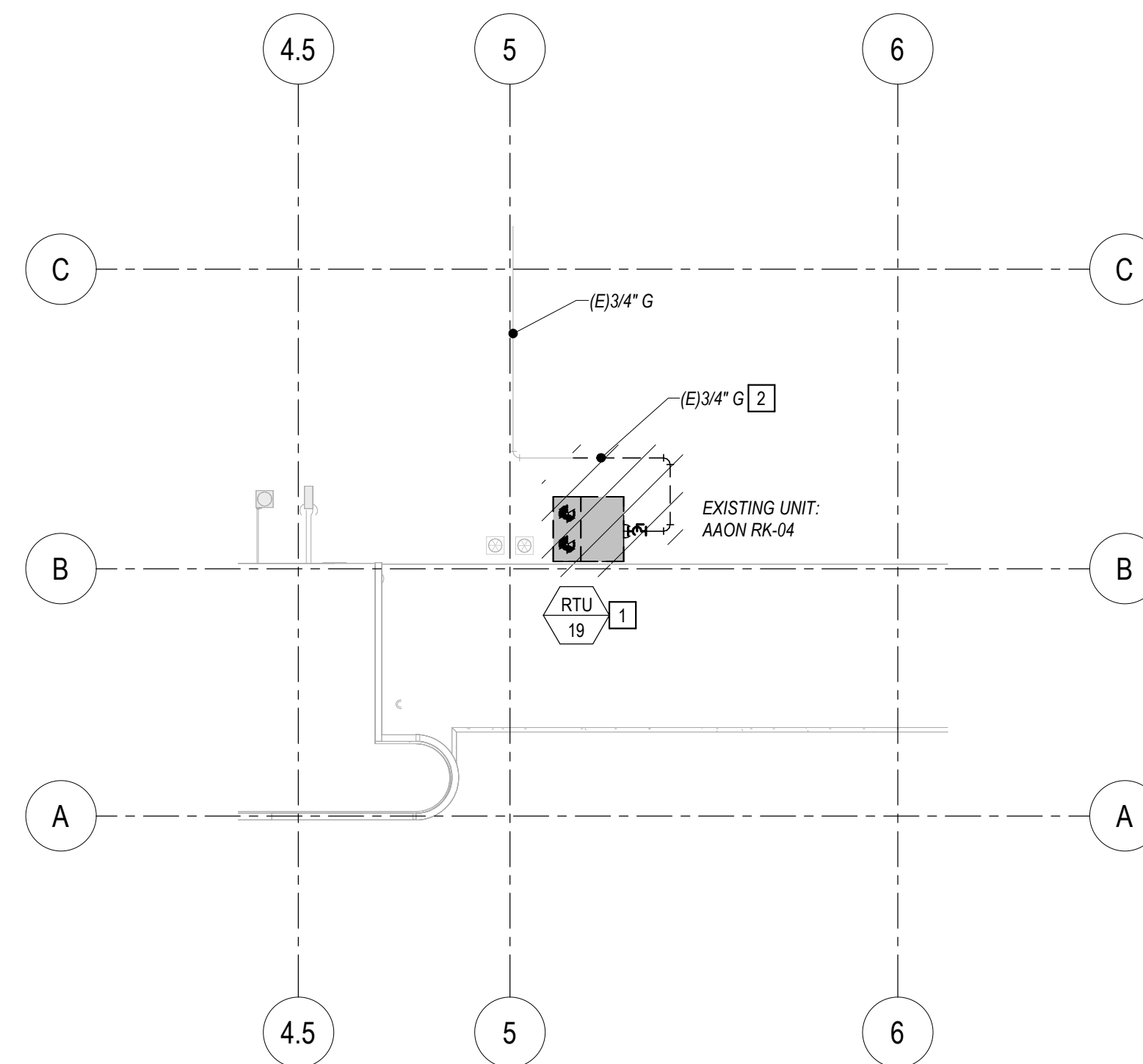
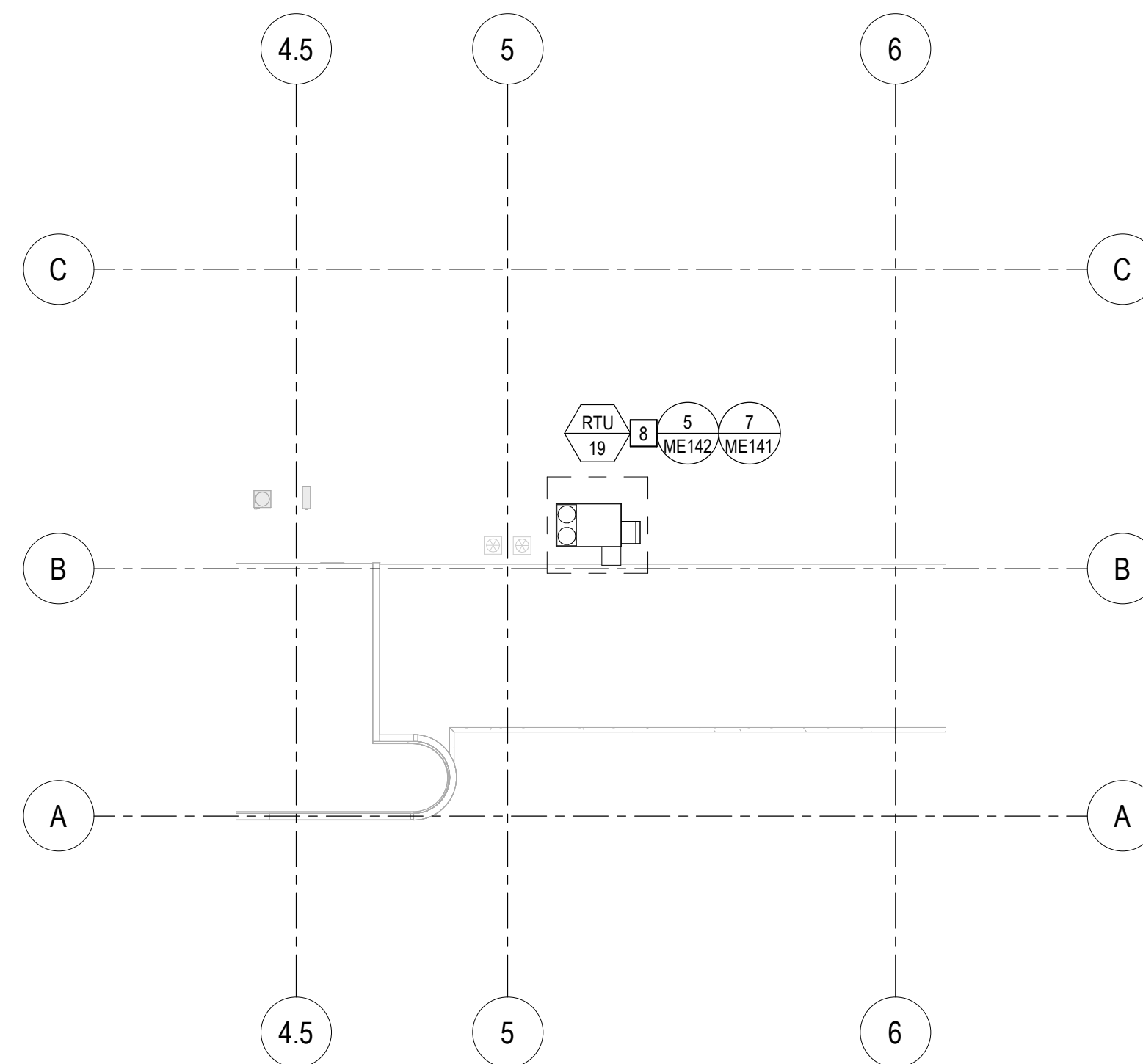
MECHANICAL CONTRACTOR SHALL ACT AS PRIME (GENERAL CONTRACTOR) AND SUBCONTRACT TO TRADES NOTED IN MATRIX
FIRE ALARM SERVICES TO BE SUBCONTRACTED TO TARGET APPROVED FA CONTRACTOR

PACKAGED ROOFTOP UNIT SCHEDULE																													
T-0432 PUYALLUP, WA																													
Unit No.	Nominal Cooling Cap (Tons)	Make	Model	Refrigeration Type	Supply					Cooling Design Conditions					Heating Performance					Electrical Data			Gas Pressure = 2.0 psi						
					Blower Type	SA (CFM)	Minimum Oil (oz)	ESP (in. WC)	Fan Motor (BHP)	SA Fan (CFM)	Outdoor Air D.B. (°F)	Mixed Air D.B. (°F)	Mixed Air W.B. (°F)	Total (MBH)	Sensible (MBH)	Cool Lat D.B. (°F)	Cool Lat W.B. (°F)	EER/IEER	SEER/SEER2	Heating Design Conditions	Heating Latent (D.B. °F)	Fuel Type		Heating Input (MBH)	Heating Output (MBH)	Voltage	MCA	Max Fuse	Operating WPM
RTU-18 - PHARMACY	3.0	Carrier	48FEE054	R454B	Variable	1000	180	1.50	0.98	1977	844	75.4	67.1	22.9	54.1	21.0			14/13.4	15.8	63.2	NG	87	54	114.9	81	615	1-7, 9, 10, 11, 12, 13, 14, 15	
RTU-18 - SALESMAN	1.8	Carrier	48FEE054	R454B	Variable	1000	180	1.50	0.98	1977	844	75.4	67.1	22.9	54.1	21.0			14/13.4	15.8	63.2	NG	58	34	114.9	31	615	1-7, 9, 10, 11, 12, 13, 14, 15	
RTU-19 - FRONT STOK	4.0	Carrier	48FEE055	R454B	Variable	360	150	1.31	2.82	2810	844	76.7	62.2	45.4	37.1	52.3			14/13.4	15.8	58.0	NG	110	81.4	80%	440-540	12	139	1-7, 9, 10, 11, 12, 13, 14, 15
RTU-20 - BACK STOK	4.0	Carrier	48FEE057	R454B	Variable	2200	615	1.00	1.81	2867	844	62.1	57.9	62.7	48.1	52.3			14/13.4	15.8	58.0	NG	110	81.4	80%	440-540	17	238	1-7, 9, 10, 11, 12, 13, 14, 15

12" MEV & FILTER, 2" VACUM BREAKER, 3/8" DIAPN TRAP, 4" MAXCET FLEXIBLE, 5/8" DI FIELD-VALVED, 6" KOLD DOWN CLIPS, 7" ZECOMIZER, 5/8" MAXCET FLEXIBLE, 5/8" ZECOMIZER CORROSION PROTECTION, 150V, 11/200Z MON REQ., 12/20T GAS REHEAT, 13/4" GAUJ, 14" VAPOR EXHAUST, 15/16", 15/16" W/SHOWER-FURNISHED CURB CAP

Provide weight of existing and proposed units. Reflect what if any additional dead load. See 2021 Washington State Existing Building Code, Section 706.3.





DEMOLITION GENERAL NOTES:

- A. ALL EXISTING DUCTWORK AND PIPING INDICATED ON PLAN WAS TAKEN FROM EXISTING MECHANICAL PLANS AND/OR LIMITED FIELD OBSERVATION. THE CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING SYSTEMS PRIOR TO CONSTRUCTION AND SHALL NOTIFY THE OWNER OF ANY POTENTIAL CONFLICTS.
- B. CONTRACTOR SHALL HAVE A THOROUGH KNOWLEDGE OF ALL DRAWINGS, SPECIFICATIONS AND CONDITIONS OF THE PROJECT. THE CONTRACTOR SHALL ACQUIRE SUCH KNOWLEDGE AND SHALL NOT RELY ON THE RESPONSIBILITY OF THIS CONTRACTOR FOR PERFORMING THE WORK PROPERLY. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED DUE TO THE CONTRACTORS FAILURE TO BECOME FAMILIAR WITH EXISTING CONDITIONS.
- C. FIELD VERIFY LOCATIONS AND QUANTITY OF ALL EXISTING EQUIPMENT, FIXTURES AND PIPING NECESSARY TO COMPLETE SCOPE OF WORK.
- D. INDICATED TO BE REMOVED - ALL REMOVED EQUIPMENT TO BE DISPOSED OF BY CONTRACTOR UNDER LICENSES.
- E. RELOCATED/RETAINED IN DEMOLITION PLANS AND/OR KEYNOTES.
- F. INDICATES EXISTING CONDITIONS.
- G. TYPICAL TYPE OF EXISTING CONDITIONS - CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS.
- H. RETURN
- I. ALLOW ALL REQUIRED WORK TO KEEP DISRUPTIONS TO STORE OPERATIONS TO A MINIMUM. COORDINATE ANY DISRUPTIONS WITH CONSTRUCTION MANAGER AND STORE MANAGER.
- J. SUBMIT TO COPIES OF MARK-UP AS-BUILT UPDATES. ONE COPY TO BE RETAINED AT THE STORE. RETURN ALL COPIES OF WORK TO BE FORWARDED TO THE PROJECT CONSTRUCTION MANAGER.
- K. CONTRACTOR SHALL COORDINATE ALL PHASES OF DEMOLITION.
- L. PEPPING AND/OR REUSE IN PLACE SHALL BE CAPPED, PLUGGED AND CONCEALED. PLUGGING AND CAPPING SHALL BE DONE IN A MANNER AS TO ALLOW REPEATING AND REUSE LATER.
- M. RECLAIM ALL CONTROL MODULES AND SHIP TO TARGET. PRE-PAID SHIPPING LABELS WILL BE PROVIDED. CONTACT AND TARIFF TO TARGET: (612) 686-6678
- N. NOT USED
- O. RECLAIM EXTERNAL WDS LESS THAN 1/2 IN. AND SHIP TO SHIP TO EMC. CONTACT: twins@emcworld.com (888) 620-8500 EXT. 110

EMS GENERAL NOTES:

- | | |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A. | NEW SENSORS AND WIRE FURNISHED BY EMC, TO BE INSTALLED AND WIRE TERMINATED BY INSTALLING CONTRACTOR. |
| B. | INSTALLING CONTRACTOR TO COORDINATE SCHEDULE AND INFORM EMC OF COMPLETION OF WORK. |
| ELECTRICAL GENERAL NOTES: | |
| A. | NEW UNIT IS EQUIPPED WITH FACTORY INSTALLED DISCONNECT SWITCH. |
| B. | EACH NEW UNIT IS EQUIPPED WITH FACTORY INSTALLED GFCI RECEPTACLE. WHEN DISCONNECTING A/D ROOFTOP UNIT, MAINTAIN EXISTING RTU RECEPTACLE CIRCUIT FOR RE-USE AND BE CONNECT TO FACTORY INSTALLED RECEPTACLE AS REQUIRED. |

EMS NOTES:

NEW UNIT IS EQUIPPED WITH ALL EMS SENSORS, MODULES AND CONTROL AND COMMUNICATION WIRING FURNISHED BY OWNERS EMS VENDOR. EAC.

INSTALL ALL SENSORS AND MODULES ACCORDING TO EMS VENDORS SHOP DRAWINGS.

INSTALL NEW TEMPERATURE AND HUMIDITY SENSORS SHALL BE LABELED WITH THE PROPER RCU NUMBER.

INSTALL AND TERMINATE ALL EMS CONTROL AND COMMUNICATION WIRING ACCORDING TO EMS VENDORS SHOP DRAWINGS.

ZONE TEMPERATURE SENSOR, INSTALL AND TERMINATE CONTROL WIRING ACCORDING TO EMS VENDORS SHOP DRAWINGS.

ZONE TEMPERATURE AND HUMIDITY SENSORS: INSTALL AND TERMINATE CONTROL WIRING ACCORDING TO EMS VENDORS SHOP DRAWINGS.

DISCONNECT AND REMOVE EXISTING RTU EMS COMMUNICATION LOOP AND ASSOCIATED COMPONENTS ACCORDING TO EMS VENDORS SHOP DRAWINGS.

INSTALL NEW RTU EMS COMMUNICATION LOOP AND ASSOCIATED COMPONENTS ACCORDING TO EMS VENDORS SHOP DRAWINGS. INSTALL AND WIRE TWO ALC-AR CONTROLLERS IN EXISTING EEMP PANEL ACCORDING TO EMS SHOP DRAWINGS.

ASSIGN ADDRESS FOR THE RTU AND EEMP PANELS. THERE IS NOT ENOUGH ROOM IN THE EEMP PANEL, INSTALL AND TERMINATE EMS COMMUNICATION WIRING ACCORDING TO EMS VENDORS SHOP DRAWINGS. SET ADDRESS FOR THE RTU, MODULES AND AR CONTROLLERS ACCORDING TO EMS SHOP DRAWINGS.

ONCE EMS CONTROLS INSTALLATION IS COMPLETE AND WHILE STILL ON SITE CONTACT EAC TECHNICAL SUPPORT (800-642-3800, EXT. 302) FOR REMOTE CONFIG OF NEW CONTROLS.

KEYNOTES:

- [1] REMOVE EXISTING ROOFTOP UNIT AND ALL ACCESSORIES. EXCEPT CURB.
- [2] REMOVE GAS PIPING AND/OR CONDENSATE PIPING AS REQUIRED TO ALLOW REMOVAL OF EXISTING UNIT AND INSTALLATION AND CONNECTION TO NEW ROOFTOP UNIT.
- [3] IF NOT USED.
- [4] INSTALL NEW OWNER-FURNISHED ADAPTER CURB ON EXISTING RTU CURB. INSTALL NEW OWNER-FURNISHED ROOFTOP UNIT ON ADAPTER CURB.
- [5] EXTEND EXISTING GAS PIPING AND CONNECT TO NEW ROOFTOP UNIT.
- [6] EXISTING CURB BREAKER TO BE REMOVED AND REPLACED WITH SIZE INDICATED.
- [7] NEW TEMPERATURE/HUMIDITY RELATIVE HUMIDITY SENSOR FURNISHED BY EMC. CONTRACTOR TO PULL NEW 14 AWG FURNISHED BY EMO TO NEW LOCATION. FIELD VERIFY EXACT LOCATION OF EXISTING SENSOR.
- [8] NEW ROOFTOP UNIT IN EXISTING ROOFTOP UNIT LOCATION. DISCONNECT EXISTING POWER, EXISTING CONDENSATORS AND CONDUNIT TO BE REUSED. MAINTAIN POWER FOR SERVICE RECEPTACLE AND RE-CONNECTION TO NEW UNIT. EXTEND WIRING AS REQUIRED.

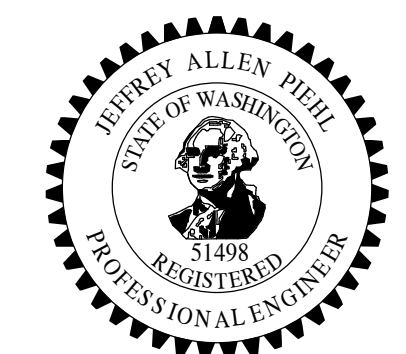


1000 NICOLLET MALL
MINNEAPOLIS, MN 55403



NELSON-RUDIE & ASSOCIATES, INC.
9100 49TH AVE N MINNEAPOLIS, MN 55422
763.262.7600 | NELSONRUDIE.COM

LICENSE #21004565



DATE:
02/05/25

EXP. DATE:
02/19/27

[illegible]

DATE:
02/05/25

EXP. DATE:
08/25/26



PUYALLUP, WA
3310 S. MERIDIAN
PUYALLUP, WA 98373

Project Number **T-0342**

Config:

Drawn By	JSS
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Checked By	GRL
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MECHANICAL AND ELECTRICAL PLANS

ME142

