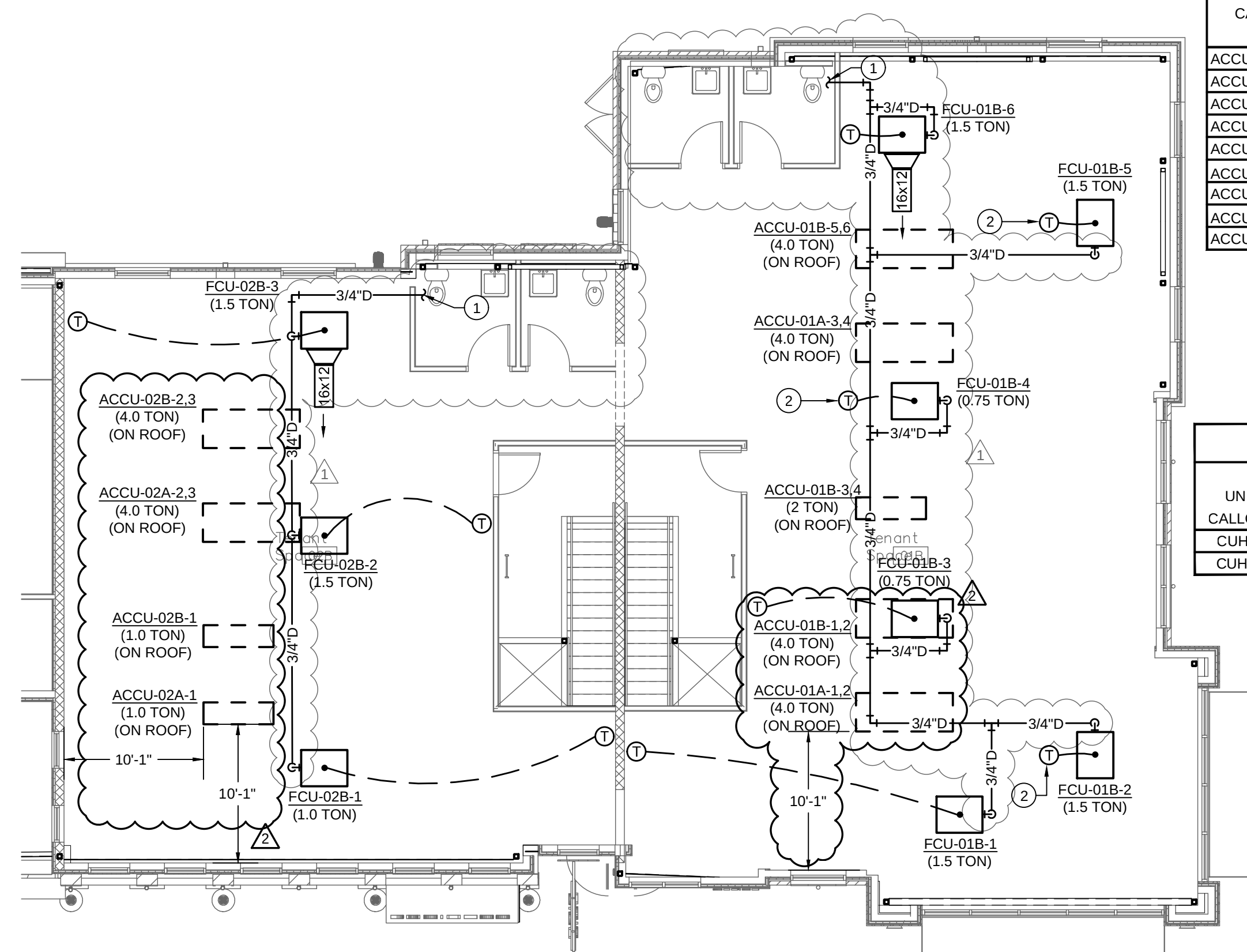
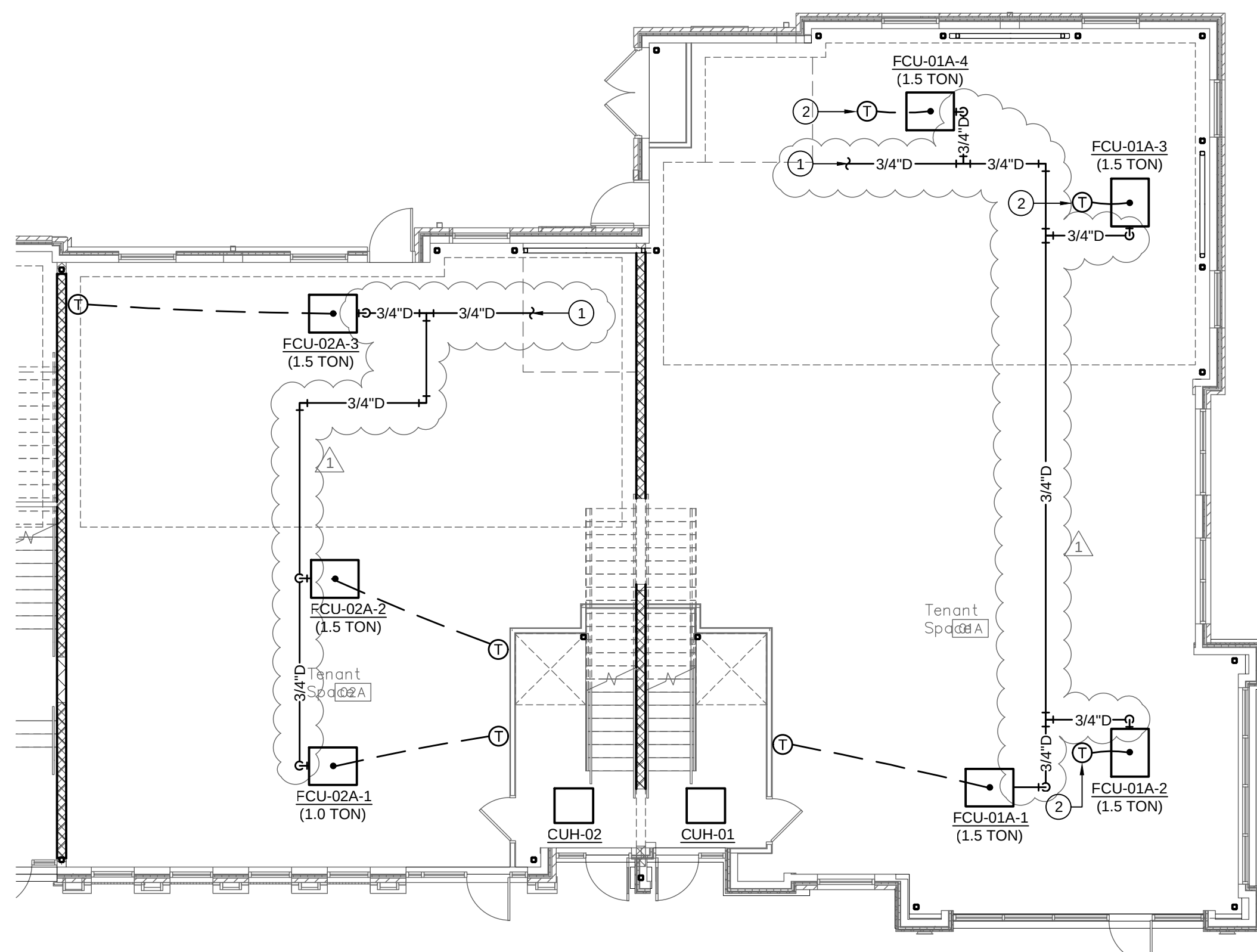




2 SECOND FLOOR PLAN - MECHANICAL
1/8"=1'-0"



1 FIRST FLOOR PLAN - MECHANICAL
1/8"=1'-0"

AIR COOLED CONDENSING UNIT SCHEDULE										
UNIT CALLOUT	SYSTEM	SEER	UNIT INFORMATION			CONDENSING INFORMATION				NOTES
			MFG	MODEL NO.	VOLT/ PHASE	# OF COMP	TONS	THC (MBH)	AMB TEMP (°F)	
ACCU-01A-1,2	FCU-01A-1,2	14	LENNOX	MPC048S4M-1P MS HP	208/1	1	4	48	100	1
ACCU-01A-3,4	FCU-01A-3,4	14	LENNOX	MPC048S4M-1P MS HP	208/1	1	4	48	100	1
ACCU-01B-1,2	FCU-01A-1,2	14	LENNOX	MPC048S4M-1P MS HP	208/1	1	4	48	100	1
ACCU-01B-3,4	FCU-01A-3,4	14	LENNOX	MPC024S4M-1P MS HP	208/1	1	2	24	100	1
ACCU-01B-5,6	FCU-01A-3,4	14	LENNOX	MPC048S4M-1P MS HP	208/1	1	4	48	100	1
ACCU-02A-1	FCU-02A-1	14	LENNOX	MPC012S4S-1P MS HP	208/1	1	1	12	100	1
ACCU-02A-2,3	FCU-02A-2,3	14	LENNOX	MPC048S4M-1P MS HP	208/1	1	4	48	100	1
ACCU-02B-1	FCU-02B-1	14	LENNOX	MPC012S4S-1P MS HP	208/1	1	1	12	100	1
ACCU-02B-2,3	FCU-02B-2,3	14	LENNOX	MPC048S4M-1P MS HP	208/1	1	4	48	100	1

NOTES:

1. SUPPLY WITH LOW AMBIENT KIT FOR OPERATION DOWN TO 0°F.

ELECTRIC UNIT HEATER SCHEDULE					
UNIT CALLOUT	UNIT INFORMATION				NOTES
	MFG	MODEL NO.	CAP (KW)	VOLT/ PHASE	
CUH-01	TRANE	UHCA	5.0	208/1	1
CUH-02	TRANE	UHCA	5.0	208/1	1

NOTES:

1. PROVIDE WITH MOUNTING KIT AND REMOTE TEMPERATURE SENSOR.

FAN COIL UNIT SCHEDULE														
UNIT CALLOUT	UNIT INFORMATION						HEAT PUMP INFORMATION			DX COIL INFORMATION				NOTES
	MFG	MODEL NO.	FLOW (CFM)	VOLT/ PHASE	MCA (AMPS)	MOCp (AMPS)	EAT (°F)	LAT (°F)	CAP (BTUH)	EAT (°F)	LAT (°F)	SHC (MBH)	THC (MBH)	
FCU-01A-1	LENNOX	MMDB018S4	675	208/1	--	--	70	99.0	21141	80	59	15.3	14.4	1.2,3
FCU-01A-2	LENNOX	MMDB018S4	675	208/1	--	--	70	99.0	21141	80	59	15.3	14.4	1.2,3
FCU-01A-3	LENNOX	MMDB018S4	675	208/1	--	--	70	99.0	21141	80	59	15.3	14.4	1.2,3
FCU-01A-4	LENNOX	MMDB018S4	675	208/1	--	--	70	99.0	21141	80	59	15.3	14.4	1.2,3
FCU-01B-1	LENNOX	MMDB018S4	675	208/1	--	--	70	99.0	21141	80	59	15.3	14.4	1.2,3
FCU-01B-2	LENNOX	MMDB018S4	675	208/1	--	--	70	99.0	21141	80	59	15.3	14.4	1.2,3
FCU-01B-3	LENNOX	MMDB009S4	343	208/1	--	--	72	99.0	10002	80	59.5	7.6	9	1.2,3
FCU-01B-4	LENNOX	MMDB009S4	343	208/1	--	--	72	99.0	10002	80	59.5	7.6	9	1.2,3
FCU-01B-5	LENNOX	MMDB018S4	675	208/1	--	--	70	99.0	21141	80	59	15.3	14.4	1.2,3
FCU-01B-6	LENNOX	MMDB018S4	675	208/1	--	--	70	99.0	21141	80	59	15.3	14.4	1.2,3
FCU-02A-1	LENNOX	MMDB012S4	343	208/1	--	--	70	97.0	10002	80	56.9	8.6	10.8	1.2,3
FCU-02A-2	LENNOX	MMDB018S4	675	208/1	--	--	70	99.0	21141	80	59	15.3	14.4	1.2,3
FCU-02A-3	LENNOX	MMDB018S4	675	208/1	--	--	70	99.0	21141	80	59	15.3	14.4	1.2,3
FCU-02B-1	LENNOX	MMDB012S4	343	208/1	--	--	70	97.0	10002	80	56.9	8.6	10.8	1.2,3
FCU-02B-2	LENNOX	MMDB018S4	675	208/1	--	--	70	99.0	21141	80	59	15.3	14.4	1.2,3
FCU-02B-3	LENNOX	MMDB018S4	675	208/1	--	--	70	99.0	21141	80	59	15.3	14.4	1.2,3

NOTES:

1. SUPPLY WITH MOUNTING KIT, THERMOSTAT
2. SUPPLY WITH OVERFLOW DRAIN PAN UNDER UNIT, WITH MOISTURE SENSING DEVICE, WIRED TO SHUT DOWN FCU SUPPLY FAN WHEN MOISTURE IS SENSED.
3. SUPPLY WITH PROSELECT PSCP220WS CONDENSATE PUMP. ROUTE PUMP DISCHARGE TO JANITOR'S SINK.

GENERAL NOTES:

1. PRIOR TO SUBMITTING BID, VISIT THE JOB SITE AND BECOME FULLY ACQUAINTED WITH THE EXISTING CONDITIONS OF THE PROJECT. REVIEW GENERAL NOTES, SPECIFICATIONS AND OTHER DISCIPLINE'S DRAWINGS FOR ADDITIONAL REQUIREMENTS THAT MAY NOT BE SPECIFICALLY CALLED OUT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS. NOTIFY ARCHITECT, TENANT AND ENGINEER OF ANY DISCREPANCIES PRIOR TO SUBMISSION OF BID.
2. REFER TO ARCHITECTURAL DRAWINGS FOR RELATED CONSTRUCTION DETAILS AS APPLICABLE TO THE PLUMBING SYSTEMS. VERIFY CHASE AND PENETRATION LOCATIONS SHOWN ON THE ARCHITECTURAL DRAWINGS THAT ARE INTENDED FOR PIPING MEET REQUIREMENTS.
3. INSTALL PIPING PARALLEL TO BUILDING LINES, UNLESS NOTED OTHERWISE.
4. COORDINATE LOCATION OF EQUIPMENT AND SUPPORTS WITH LOCATION OF ACCESS PANEL/DOORS TO ENABLE SERVICE OF EQUIPMENT. IF NO ACCESS PANEL IS SHOWN, PROVIDE ACCESS PANEL IN SIZE REQUIRED FOR MAINTENANCE OF EQUIPMENT. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO INSTALLATION.
5. SEAL PENETRATIONS THROUGH BUILDING COMPONENTS IN ACCORDANCE WITH LOCAL CODES. FIREPROOF PENETRATIONS THROUGH FIRE RATED COMPONENTS IN ACCORDANCE WITH U.L. REQUIREMENTS.

PLAN NOTES:

- ① 3/4" HVAC CONDENSATE DRAIN. ROUTE TO NEAREST FLOOR DRAIN/SINK AND TERMINATE.
- ② HANG THERMOSTAT LOOSE WITH 50' OF ROLLED UP THERMOSTAT WIRE.

GENERAL

- | | |
|---|---------------------------|
|  | MECHANICAL NOTE REFERENCE |
|  | DEMOLITION NOTE REFERENCE |
|  | REVISION NOTE REFERENCE |
|  | CONNECT TO EXISTING WORK |

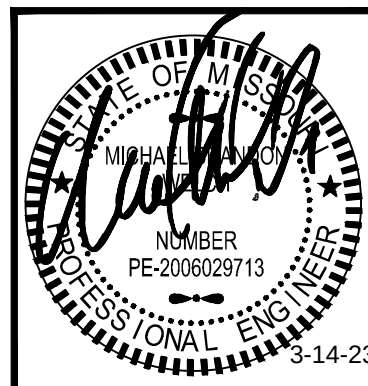
HVAC

- | | |
|----------------|---|
| — D — | HVAC CONDENSATE DRAIN |
| — RS — | REFRIGERANT SUCTION |
| — RD — | REFRIGERANT DISCHARGE |
| — RL — | REFRIGERANT LIQUID |
| ① | THERMOSTAT |
| ① _S | TEMPERATURE SENSOR |
| ⑤ _D | DUCT MOUNTED SMOKE DETECTOR |
| ⊗ | SUPPLY DIFFUSER |
| ⊠ | RETURN GRILLE/EXHAUST REGISTER |
| ↻ | RETURN AND EXHAUST AIR FLOW INDICATOR |
| — M — | DUCT MOUNTED MANUAL BALANCING DAMPER |
| — F — | DUCT MOUNTED FIRE/SMOKE, FIRE, AND SMOKE DAMPER |

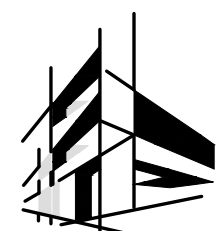
MECHANICAL SYMBOLS



HENRY MILLER
MECHANICAL



NLV SHELL
420 SW LONGVIEW BLVD.
LEE'S SUMMIT, MO 64081



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LENEXA, KS 66220
P: 816-916-4675

JOB NO.:	2310200
DATE:	02/03/2023
REVISIONS:	
1 CITY CMNTS	3/8/2
2 CITY CMNTS	3/14/2

DESIGNED BY:	MBW
DRAWN BY:	ELS
CHECKED BY:	MBW
SHEET NO.	

M101