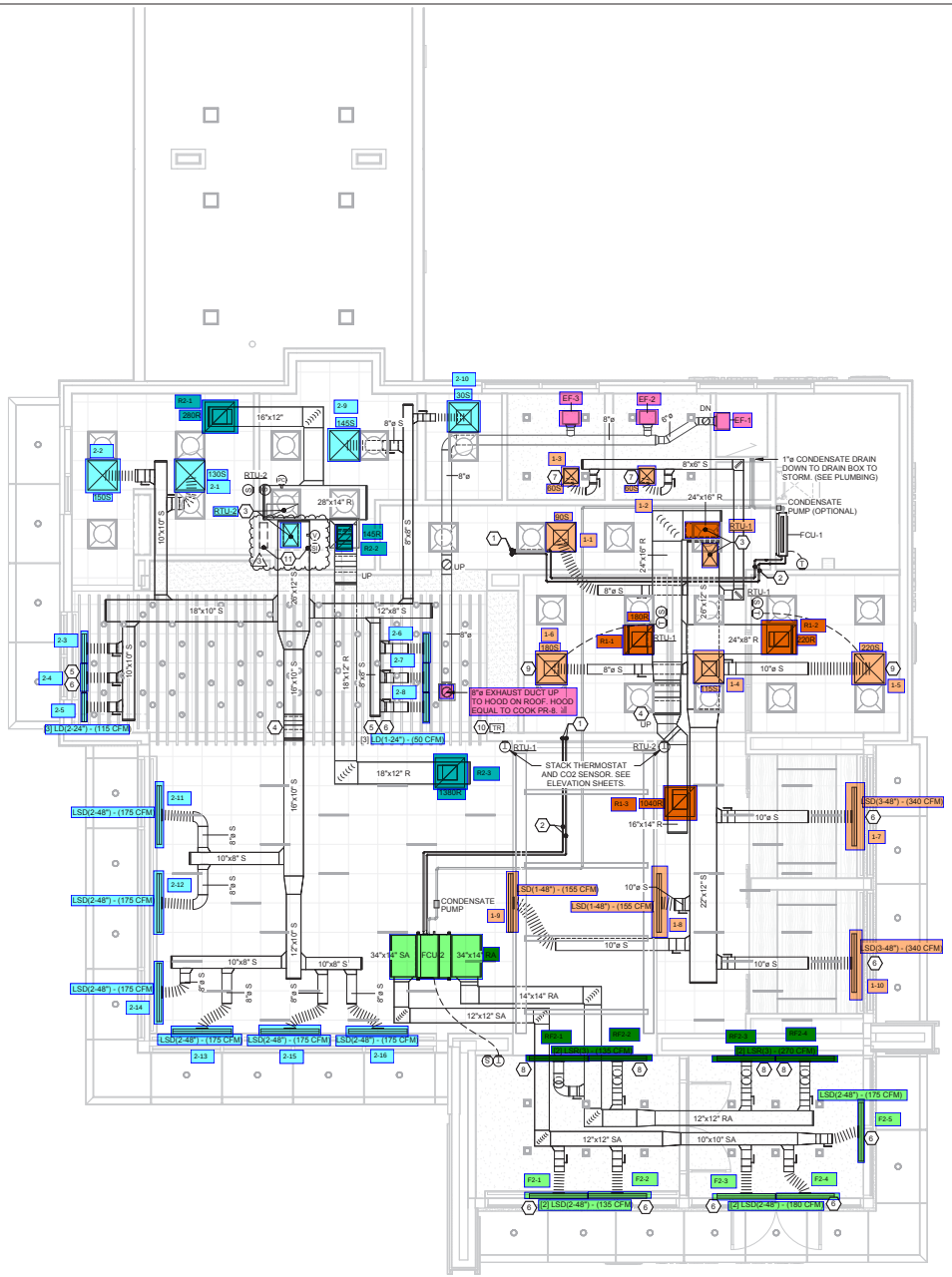

1 MECHANICAL PROPOSED CEILING PLAN
1/4" = 1'-0"

MECHANICAL KEYED NOTES:

1. REFRIGERANT PIPING UP THRU ROOF TO OUTDOOR UNIT.
2. ROUTE REFRIGERANT PIPING AS HIGH AS POSSIBLE TO OUTDOOR UNIT ON ROOF. ROUTE AND SIZE PER MANUFACTURER'S RECOMMENDATIONS (TYP.).
3. DUCT UP AND TRANSITION TO FULL SIZE OF UNIT OPENING WITH FLEX CONNECTION AT UNIT.
4. DUCT TO RISE ABOVE STRUCTURAL BEAM. COORDINATE WITH STRUCTURAL.
5. IN UPPER CEILING. PAINT BLACK.
6. PROVIDE REMOTE CABLE OPERATED DAMPER IN PLENUM SLOTS WITH OPERATION AT SLOT FACE.
7. PROVIDE REMOTE CABLE OPERATED DAMPER IN CEILING FOR DAMPER OPERATION.
8. LSR(3) WITH FULL SIZE SHEETMETAL PLENUM, 12" HIGH. INSIDE TO BE PAINTED FLAT BLACK. CONNECT TO 8"ø DUCT TO PLENUM.
9. SUPPLY DIFFUSER TO BE VAV TYPE WITH PETROLEUM BASED WAX CONTROLLED DAMPER. DAMPER SHALL CLOSE TO KEEP SPACE FROM BEING OVERHEATED ONCE ROOM TEMPERATURE IS SATISFIED (72°F ADJUSTABLE). DIFFUSER EQUAL TO PRICE ACUTHERM ST THERMA-FUSER. PROVIDE WALL MOUNTED TEMPERATURE SENSOR.
10. TEMPERATURE AND RELATIVE HUMIDITY DISPLAY EQUAL TO AUTOMATION COMPONENTS, INC. COORDINATE WITH LOT. SEE CONTROL SEQUENCE.
11. INSTALL SINGLE MUSEUM360 DIFFUSER WITH THE FILLOWING TUBE LENGTHS: SKINNY TUBE (CONNECTS FROM THE DIFFUSER TO THE ATOMIZER/BOTTLE OF OIL): MAX 6-10 FF. THICK TUBE (CONNECTS FROM THE DIFFUSER TO THE ATOMIZER/BOTTLE OF OIL): MAX 3-5 FT

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ISSUE	BY	DATE	DESCRIPTION
	K/V	04/16/24	PERMIT SET
1	K/V	06/17/24	ADDENDUM 1
3	G	12/30/24	ADD RECEPTACLE

PROJECT INFORMATION BLOCK

JOB #	230645/15-323.00
DATE:	10/21/2024
DRAWN BY:	VO
CHECKED BY:	RK

SHEET TITLE
MECHANICAL PROPOSED CEILING PLAN

SHEET NUMBER
M-301