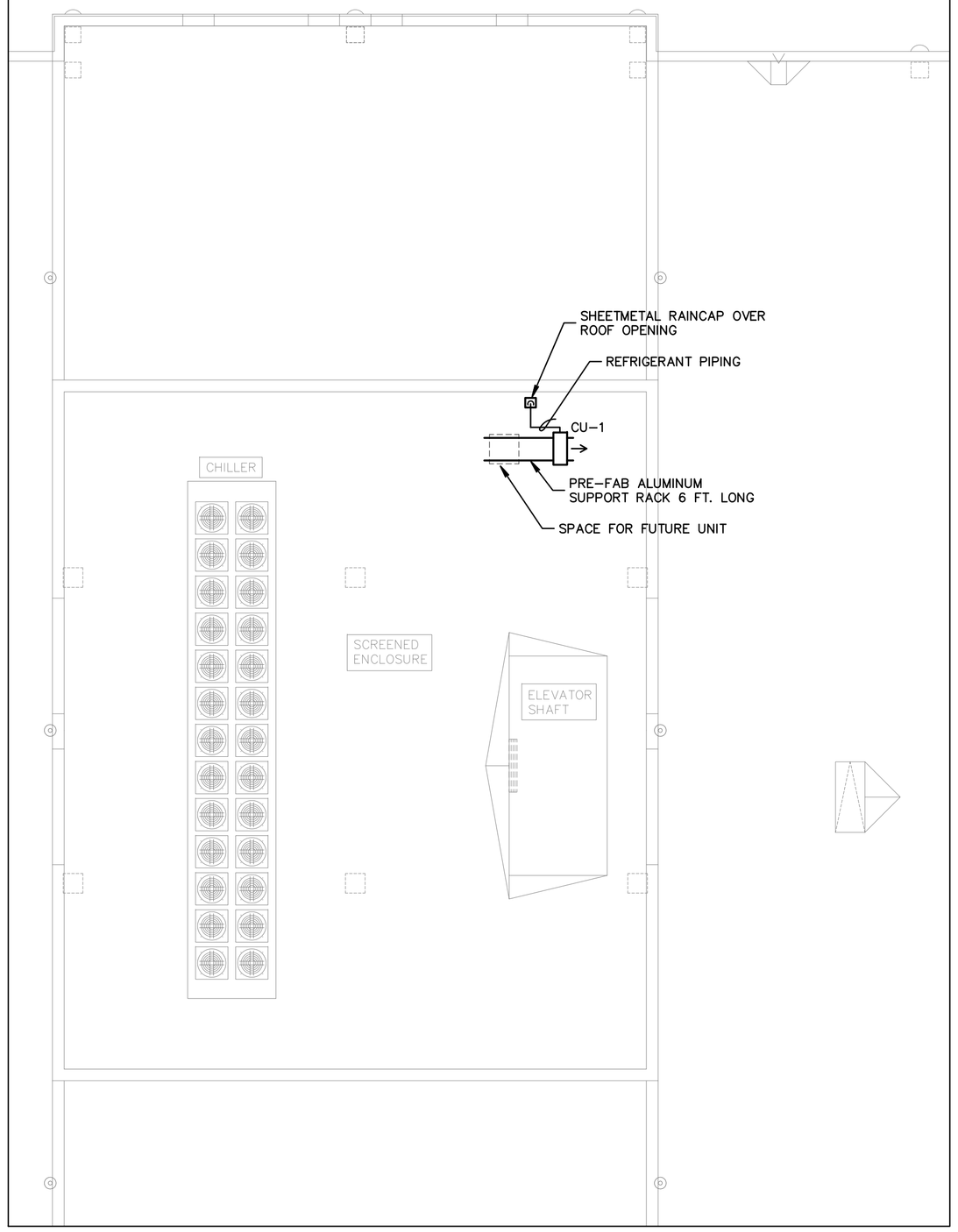
SPLIT SYSTEM AHU-1 AND CU-1 AND ALL RELATED EQUIPMENT IS TO BE PRICED SEPARATELY AS AN ADD ALTERNATE BID

COORDINATE LOCATION OF RACK AND ROOF OPENING WITH LANDLORD. COORDINATE ALL WORK WITH ROOFING CONTRACTOR TO MAINTAIN WARRANTY OF EXISTING ROOF.



HVAC PARTIAL ROOF PLAN

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

ABBREVIATIONS

PIU	PARALLEL FAN POWERED VARIABLE AIR VOLUME
VAV	VARIABLE AIR VOLUME
S/A	SUPPLY AIR
R/A	RETURN AIR
O/A	OUTSIDE AIR
E/A	EXHAUST AIR
CFM	CUBIC FEET PER MINUTE.
MVD	MANUAL VOLUME DAMPER (OPPOSED BLADE TYPE).
FD	FIRE DAMPER
AHU	AIR HANDLING UNIT
CU	CONDENSING UNIT
E	EXISTING
R	RE-LOCATED

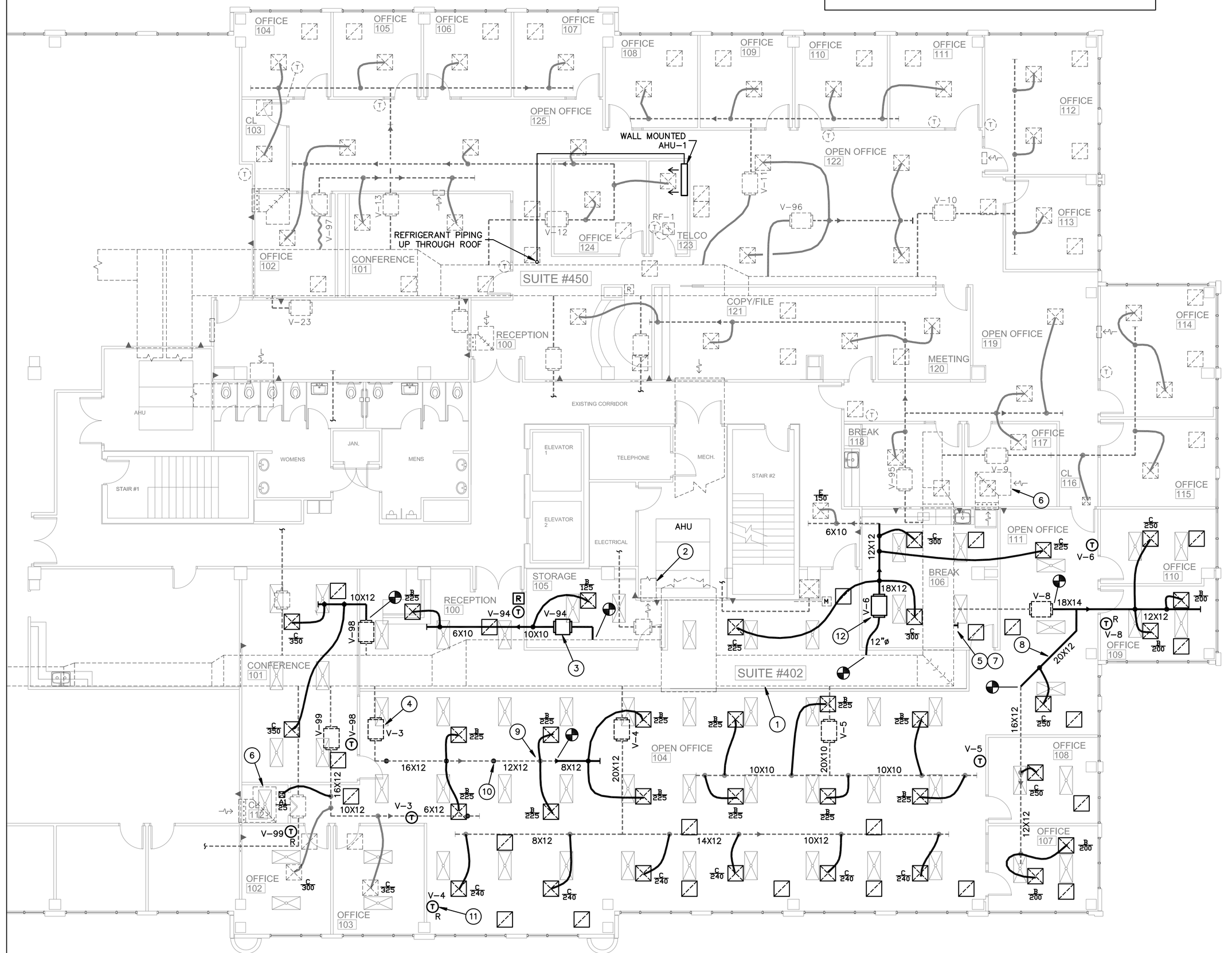
SYMBOL LEGEND

- VAV TERMINAL UNIT AS NOTED
- EXISTING EQUIPMENT AS NOTED
- SUPPLY AIR DIFFUSER AS NOTED
- RETURN/TRANSFER GRILLE AS NOTED
- EXISTING SUPPLY AIR DIFFUSER
- EXISTING RETURN/TRANSFER GRILLE
- DUCTWORK AS NOTED
- EXISTING DUCTWORK TO REMAIN
- DUCT TRANSITION
- TAKE-OFF WITH VOLUME DAMPER FOR FLEXIBLE DUCT
- TYPE B FIRE DAMPER W/ACCESS DOOR.
- MANUAL VOLUME DAMPER
- THERMOSTAT AS NOTED
- FLEXIBLE DUCT, U.L. CLASS 1
- EXISTING FLEXIBLE DUCT
- OVERTIME A/C CARD READER
- CONNECTION TO EXISTING EQUIPMENT

COORDINATE WITH OWNER FOR ALTERNATE BID TO RE-USE EXISTING SUPPLY AND RETURN AIR GRILLES. VERIFY EXISTING GRILLE QUANTITY AND SIZES PRIOR TO BID.

DRAWING KEYNOTES:

1. EXISTING MAIN SUPPLY AIR DUCT TO REMAIN AS IS.
2. EXISTING MAIN RETURN AIR DUCT TO REMAIN AS IS.
3. NEW TERMINAL BOX – MATCH EXISTING EQUIPMENT, CONTROLS, THERMOSTAT, AND INSTALLATION METHODS.
4. EXISTING TERMINAL BOX TO BE RE-BALANCED. ADJUST ALL AIR OUTLETS AND MAXIMUM/MINIMUM CFM OF BOX (TYPICAL)
5. EXISTING TERMINAL BOX TO BE REMOVED AND RETURNED TO LANDLORD FOR FUTURE USE.
6. EXISTING R/A TRANSFER DUCT ABOVE CEILING, WITH FIRE DAMPER, TO REMAIN.
7. PROVIDE SHEETMETAL CAP, SEAL AND INSULATE OPENING IN MAIN SUPPLY AIR DUCT AFTER REMOVAL OF TERMINAL BOX.
8. PROVIDE NEW DUCTS WHERE SHOWN, PROVIDE MODIFICATIONS TO EXISTING DUCTWORK AS REQUIRED (TYPICAL).
9. EXISTING FLEXIBLE DUCT TAKE-OFFS MAY BE RE-USED WHERE SIZE MATCHES DIFFUSER NECK SIZE. PROVIDE NEW TAKE-OFFS AS REQUIRED, FIELD VERIFY (TYPICAL).
10. CAP ALL UNUSED OPENINGS AND FLEXIBLE DUCT TAKE-OFFS IN EXISTING DUCTS. SEAL AND INSULATE OPENING, MATCH EXISTING MATERIALS AND METHODS. (TYPICAL AS REQUIRED)
11. NEW LOCATION OF EXISTING THERMOSTAT (TYPICAL WHERE INDICATED)
12. EXISTING TERMINAL BOX TO BE RE-LOCATED AS REQUIRED FOR NEW WALL CONSTRUCTION.



HVAC 4TH FLOOR PLAN - PROPOSED

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

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REVISIONS
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DRAWN BY DR

CD

3-14-12

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