

THE CEILING SPACE THROUGHOUT THIS PROJECT IS A RETURN AIR PLENUM. NO COMBUSTIBLE OR TOXIC MATERIALS ARE ALLOWED ABOVE THE CEILING.

HVAC PROJECT SPECIFIC NOTES

CONTRACTOR IS TO INSPECT ALL EXISTING DUCTWORK SHOWN ON THESE PLANS AS REMAINING. REPAIR AS REQUIRED ANY DAMAGED DUCTWORK OR INSULATION, WHERE DUCTWORK IS SHOWN TO BE PARTIALLY REMOVED, CAP SEAL, AND INSULATE TO MATCH EXISTING METHODS AND MATERIALS. EXISTING VAV UNITS WHICH ARE REMAINING ARE TO BE INSPECTED, ADJUSTED AND REPAIRED WHERE NECESSARY.

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

ABBREVIATIONS

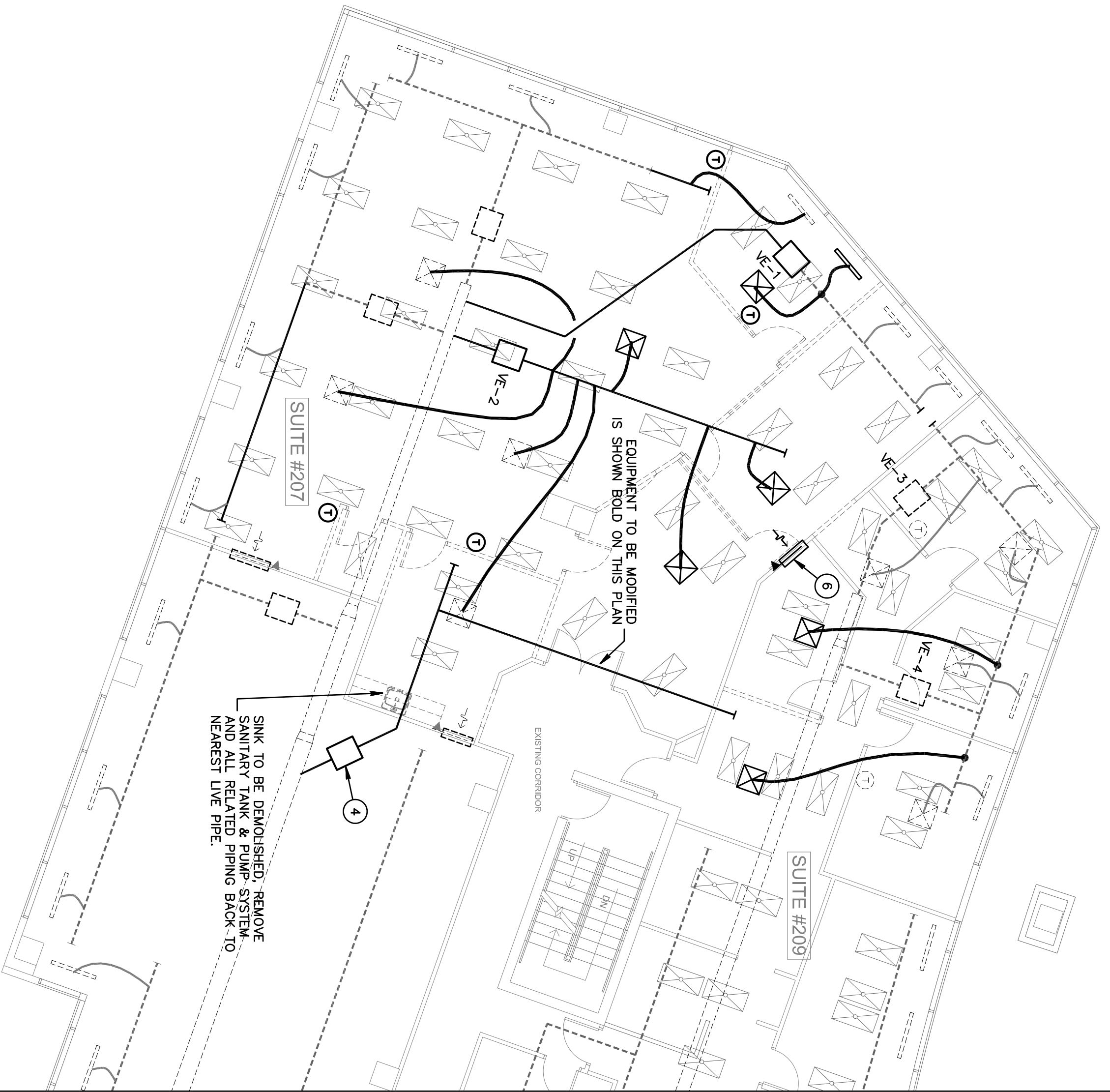
PIU	PARALLEL FAN POWERED VARIABLE AIR VOLUME
VAV	VARIABLE AIR VOLUME
S/A	SUPPLY AIR
R/A	RETURN AIR
O/A	OUTSIDE AIR
E/A	EXHAUST AIR
CFM	CUBIC FEET PER MINUTE
MMD	MANUAL VOLUME DAMPER (OPPOSED BLADE TYPE)
FD	FIRE DAMPER
AHU	AIR HANDLING UNIT
CU	CONDENSING UNIT
E	EXISTING
R	RE-LOCATED

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, UL CLASS 1
	EXISTING FLEXIBLE DUCT
	OVERTIME A/C CARD READER
	CONNECTION TO EXISTING EQUIPMENT

DRAWING KEYNOTES:

- EXISTING MAIN SUPPLY AIR DUCT TO REMAIN AS IS.
- EXISTING R/A TRANSFER OPENING IN WALL ABOVE CEILING, WITH FIRE DAMPER, TO REMAIN.
- EXISTING TERMINAL BOX TO BE RE-BALANCED. ADJUST ALL AIR OUTLETS AND MAINTAIN/MINIMUM CFM OF BOX (TYPICAL).
- EXISTING TERMINAL BOX TO BE REMOVED AND RETURNED TO LANDLORD FOR FUTURE USE.
- EXISTING TERMINAL BOX TO BE RE-LOCATED AND RE-BALANCED AS SHOWN.
- RE-LOCATE EXISTING 24X24 FIRE DAMPER TO NEW TENANT SEPARATION WALL AS SHOWN. PROVIDE SECURITY BARS AND DUCTBOARD SOUND ATTENUATING BOOT.
- SHEETMETAL SUPPLY AIR DUCT WITH EXTERIOR BLANKET INSULATION. MATCH EXISTING METHODS AND MATERIALS. FIELD VERIFY.
- PROVIDE CONNECTION BETWEEN EXISTING DUCTS. FIELD VERIFY EXACT SIZE.
- PROVIDE SHEETMETAL CAP SEAL AND INSULATE OPENING IN MAIN SUPPLY AIR DUCT AFTER REMOVAL OF TERMINAL BOX.
- CAP ALL UNUSED OPENINGS AND FLEXIBLE DUCT TAKE-OFFS IN EXISTING DUCTS. SEAL AND INSULATE OPENING. (MATCH EXISTING MATERIALS AND METHODS. (TYPICAL AS REQUIRED))
- FIELD VERIFY OR PROVIDE R/A TRANSFER OPENING IN WALL ABOVE CEILING. MINIMUM SIZE 48X18.
- EXISTING TERMINAL BOX TO BE REMAIN AS IS (NO WORK). SHOWN FOR REFERENCE ONLY.
- REPAIR BROKEN DUCT SECTIONS AND HANGERS IN THIS AREA.



HVAC FLOOR PLAN - EXISTING
SCALE: 1/8" = 1'-0"



HVAC FLOOR PLAN - PROPOSED
SCALE: 1/8" = 1'-0"

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REVISIONS
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DRAWN BY DR
CD
4-9-12

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