

GENERAL DEMOLITION NOTES

- UNLESS OTHERWISE NOTED, ALL EQUIPMENT AND DUCTWORK IN THE PROJECT AREA WHICH IS NOT INDICATED TO REMAIN, IS TO BE REMOVED. THE CONTRACTOR SHALL INVESTIGATE THE PROJECT AREA PRIOR TO BID TO DETERMINE ALL REQUIRED DEMOLITION.
- EXISTING CONDITIONS SHOWN ON THIS DRAWING ARE TAKEN FROM ORIGINAL DRAWINGS AND FIELD INVESTIGATION. ALL EXISTING CONDITIONS MUST BE VERIFIED PRIOR TO BID. FIELD CONDITIONS SHALL GOVERN.
- DEMOLITION WORK IS NOT SPECIFICALLY IDENTIFIED ON THESE PLANS AND MAY BE DESCRIBED ON THE ARCHITECT'S PLANS. THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED DEMOLITION WHETHER SHOWN ON THE PLANS OR NOT.
- ALL MECHANICAL SYSTEMS SERVING OTHER SPACES OR FLOORS, THAT RUN THROUGH THE PROJECT AREA SHALL REMAIN ACTIVE DURING CONSTRUCTION, SO AS NOT TO CAUSE ANY DISRUPTION TO THESE OTHER SPACES.
- ALL ITEMS REMOVED UNDER THIS PROJECT SHALL BE DISPOSED OF OR TURNED OVER TO THE OWNER AT THE OWNER'S DISCRETION.
- PROPERLY REMOVE AND DISPOSE OF ALL HVAC DUCTWORK AND AIR DISTRIBUTION DEVICES WHICH ARE TO BE REMOVED. CONSULT WITH OWNER AND OBTAIN THE OWNER'S APPROVAL PRIOR TO DISPOSAL OF REMOVED MATERIAL.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL PIPING AND DUCTS, NEW OR EXISTING, WITHIN THE PROJECT AREA, ARE PROPERLY SUPPORTED.
- ALL OCCUPIED SPACES ARE TO REMAIN OPERATIONAL DURING BUSINESS HOURS THROUGHOUT THE DEMOLITION AND CONSTRUCTION PERIOD. COORDINATE ALL WORK AS DESCRIBED IN THE ARCHITECT'S DOCUMENTS.

ABBREVIATIONS

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
E	EXISTING
R	RE-LOCATE

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.

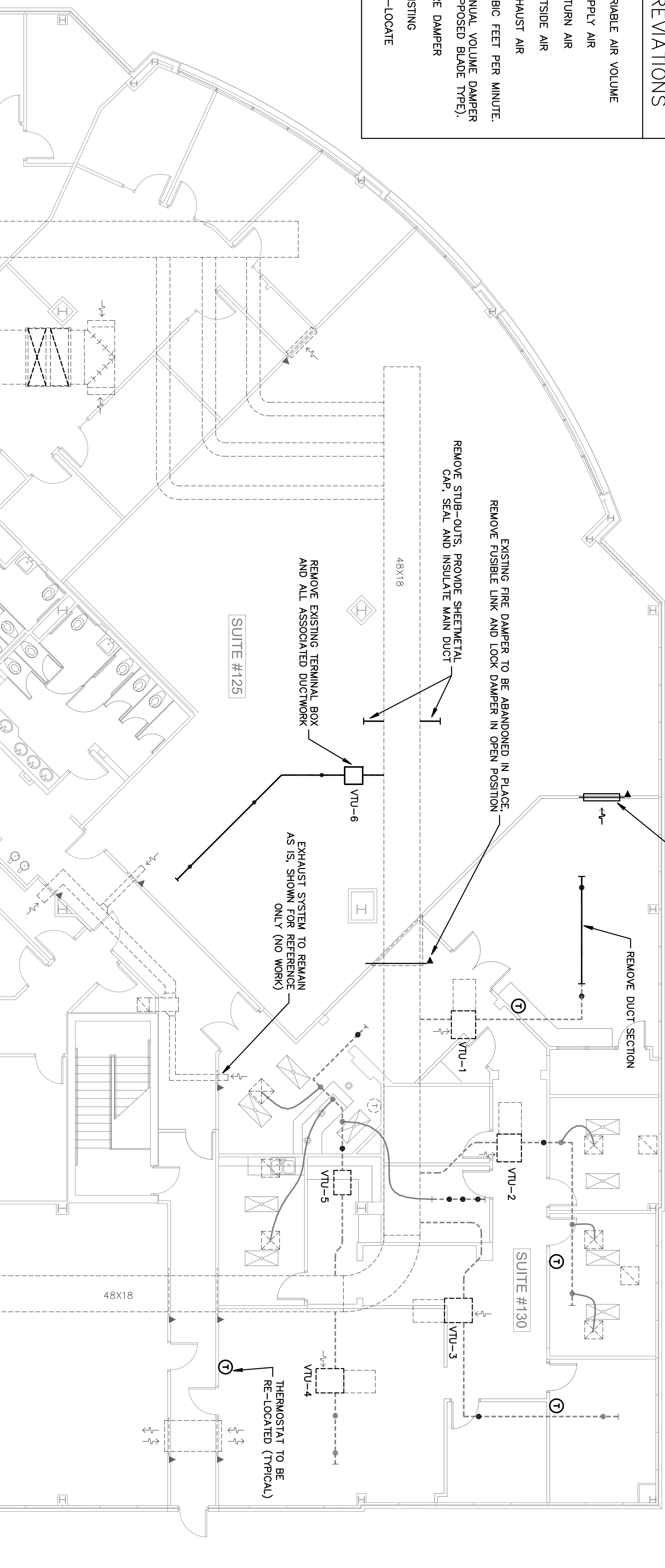
DRAWING KEYNOTES:

- EXISTING MAIN SUPPLY AIR DUCT TO REMAIN AS IS (FROM ROOFTOP PACKAGED A/C UNITS)
- EXISTING FLEXIBLE DUCT TAKE-OFFS MAY BE RE-USED WHERE SIZE MATCHES DIFFUSER NECK SIZE. PROVIDE NEW TAKE-OFFS AS REQUIRED, FIELD VERIFY (TYPICAL).
- CAP ALL UNUSED OPENINGS AND FLEXIBLE DUCT TAKE-OFFS IN EXISTING DUCTS. SEAL INSULATE OPENING MATCH EXISTING MATERIALS AND METHODS. (TYPICAL AS REQUIRED)
- EXISTING TERMINAL BOX TO BE RE-BALANCED. ADJUST ALL ASSOCIATED AIR OUTLETS AS SHOWN (TYPICAL)
- NEW TERMINAL BOX - MATCH EXISTING EQUIPMENT, CONTROLS, THERMOSTAT, AND INSTALLATION METHODS.
- PROVIDE APPROVED FIREPROOFING SYSTEM AROUND EXISTING MAIN S/A DUCT AS SHOWN.
- PROVIDE 2 HOUR RATED SHATTWALL SYSTEM AROUND EXISTING DUCT AS REQUIRED TO PROVIDE A PERPENDICULAR FIREBARRIAGE FOR THE FIREPROOFING SYSTEM.
- EXISTING 48X24 FIRE DAMPER IN NEW LOCATION, FOR RETURN AIR, WITH SECURITY BARS AND 1-1/2" FIBERGLAS DUCT (DUCT SIZE TO MATCH OPENING, FIELD VERIFY EXACT SIZE)
- EXISTING R/A TRANSFER OPENING ABOVE CEILING, WITH FIRE DAMPER, TO REMAIN. PROVIDE SECURITY BARS AND DUCTBOARD SOUND ATTENUATION BOX AS SHOWN (APPROXIMATELY 40X14, FIELD VERIFY EXACT SIZE)
- NEW LOCATION OF EXISTING THERMOSTAT (TYPICAL FOR EXISTING TERMINAL BOXES)
- PROVIDE SHEETMETAL CAP, SEAL AND INSULATE OPENING IN MAIN SUPPLY AIR DUCT AFTER REMOVAL OF TERMINAL BOX.
- PROVIDE NEW DUCTS WHERE SHOWN, PROVIDE MODIFICATIONS TO EXISTING DUCTWORK AS REQUIRED (TYPICAL).

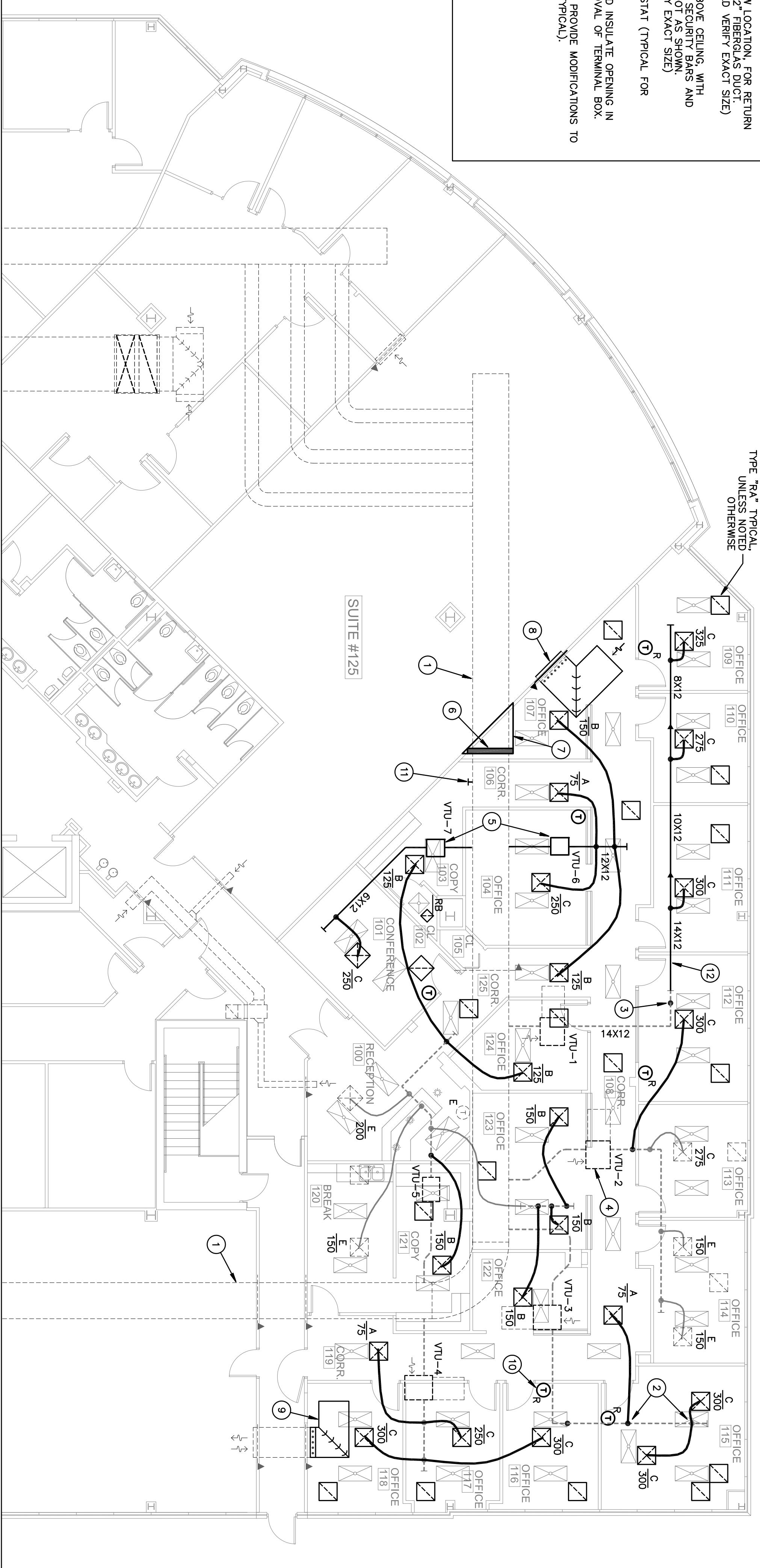
SYMBOL LEGEND

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

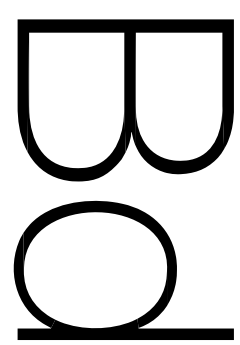
THE CEILING SPACE THROUGHOUT THIS PROJECT IS A RETURN AIR PLENUM. NO COMBUSTIBLE OR TOXIC MATERIALS ARE ALLOWED ABOVE THE CEILING.



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



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



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PROJECT NUMBER 147508

REVISIONS

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DRAWN BY GD

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