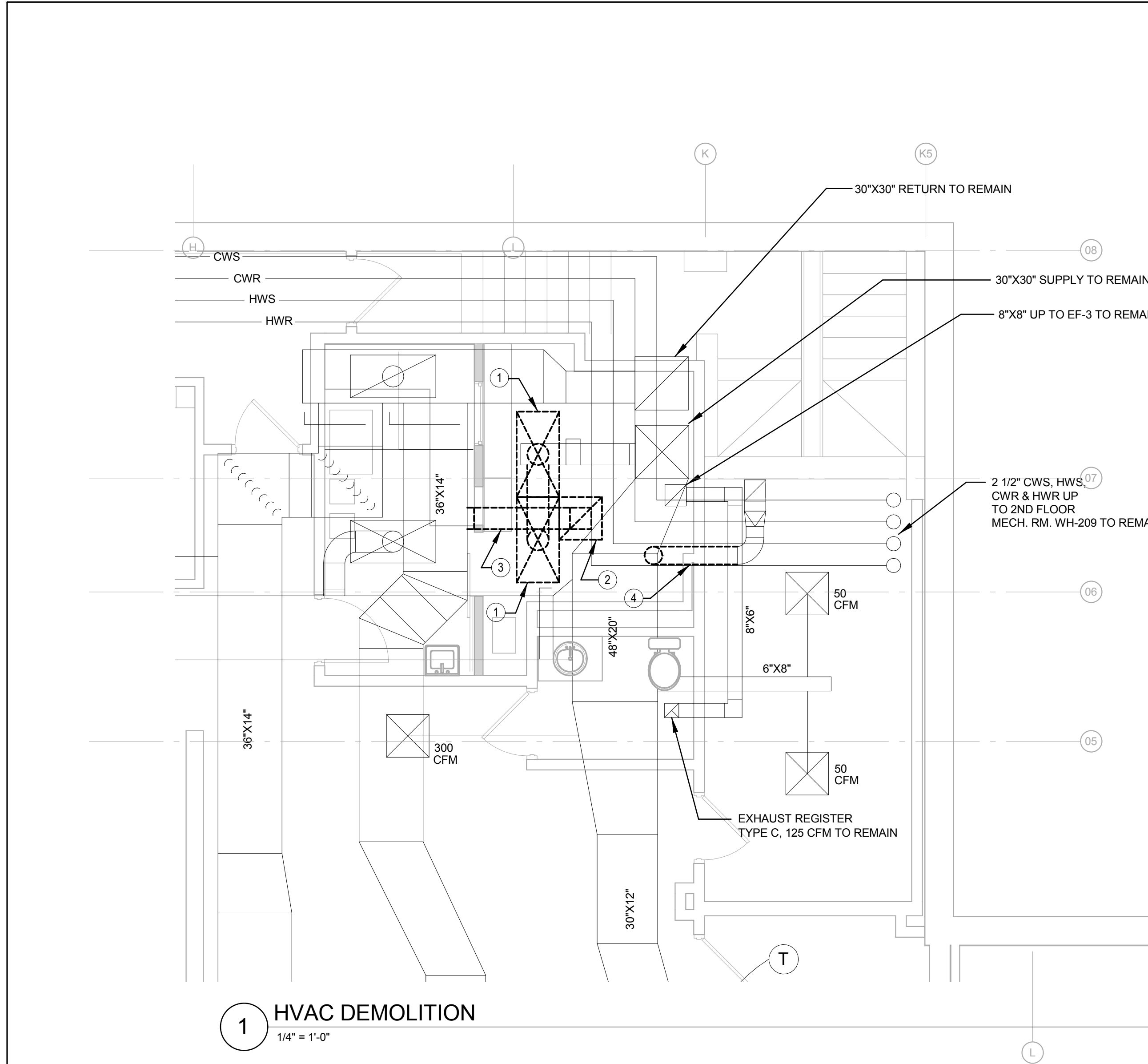
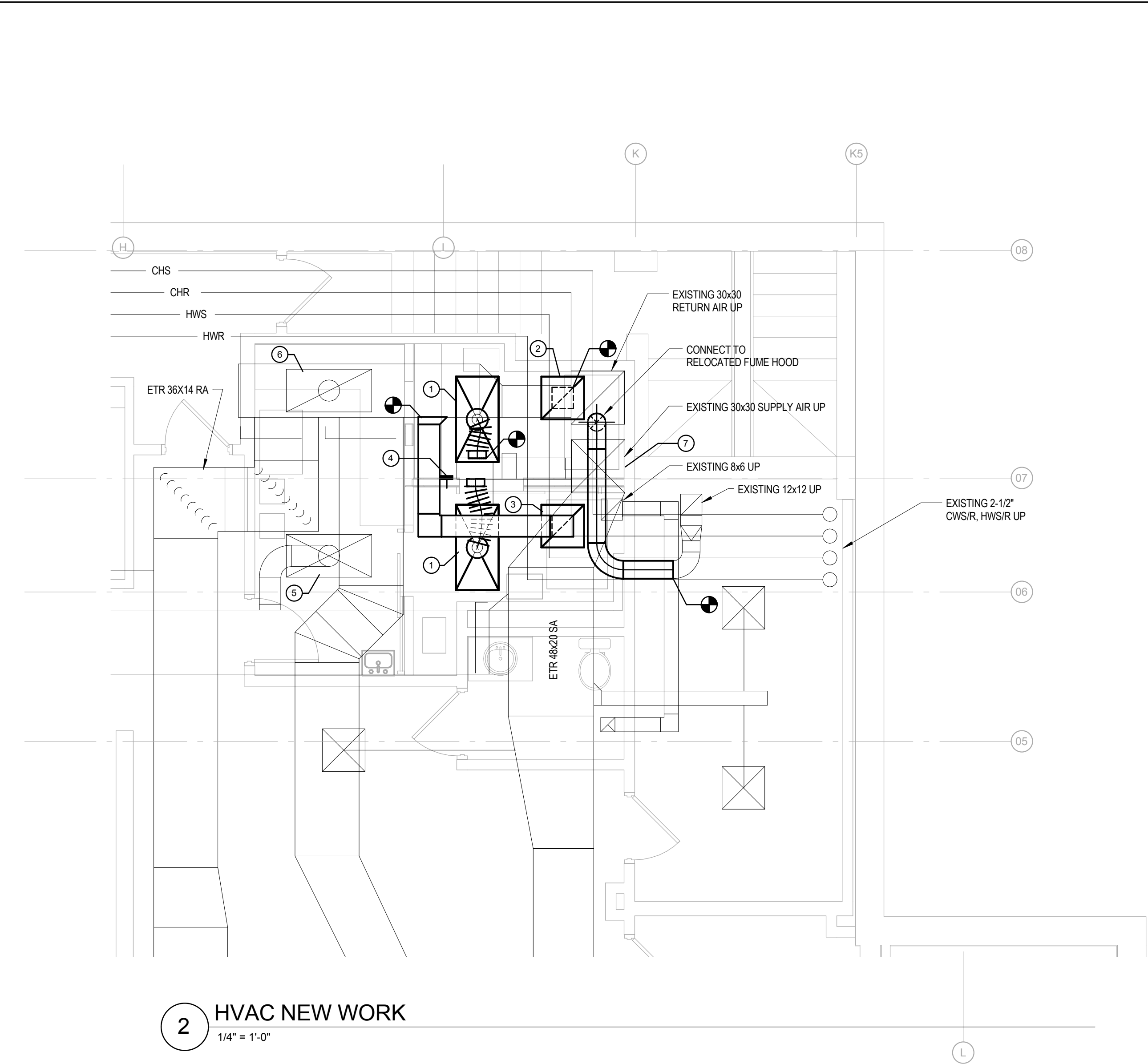


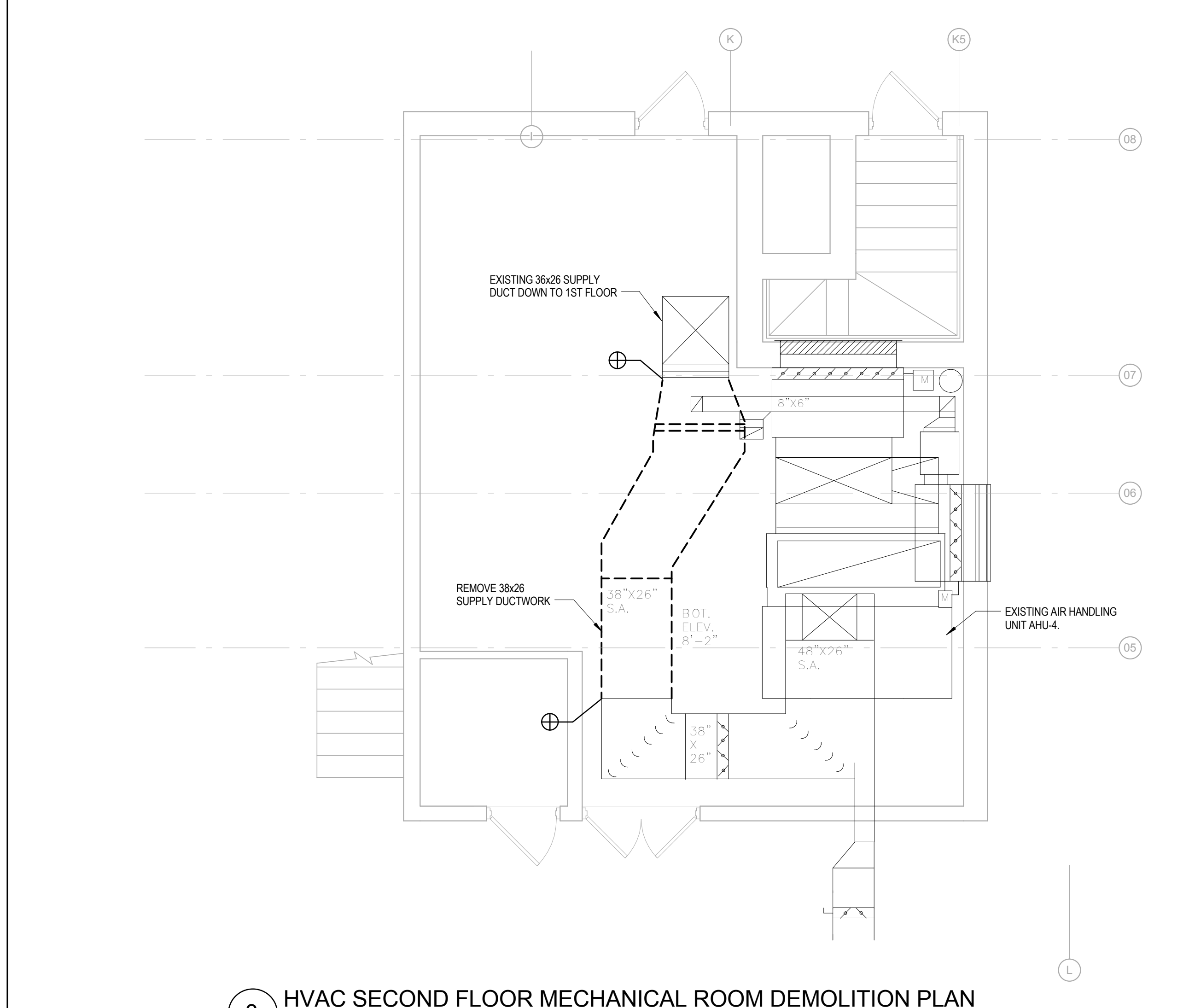
three inches = one foot
one and one half inch = one foot
one inch = one foot
one quarter inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one eighth inch = one foot



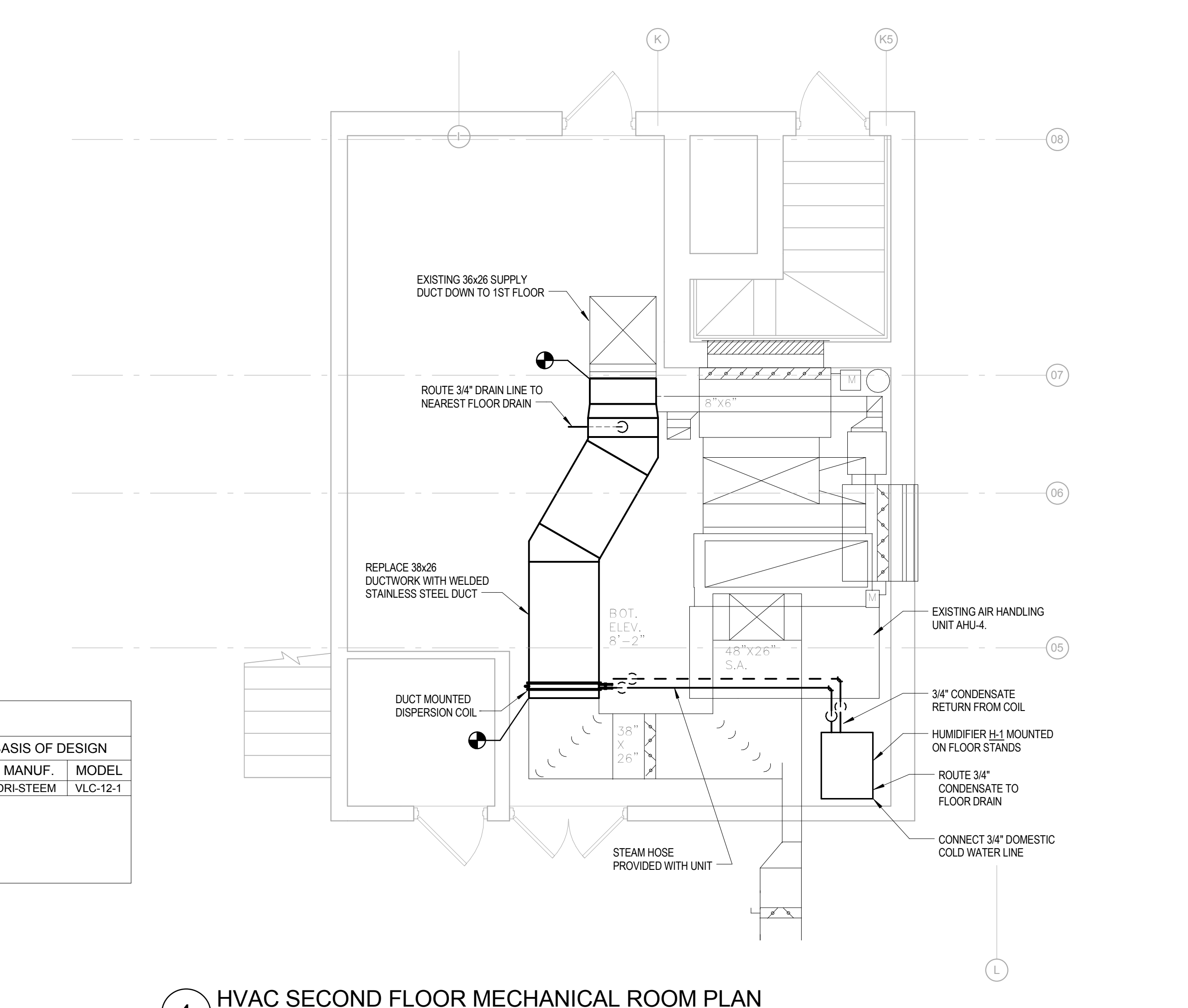
- HVAC DEMOLITION KEYNOTES**
- 1 RELOCATE SUPPLY DIFFUSER. CLEAN AND REPAIR ANY DAMAGE. MEASURE AIRFLOW PRIOR TO REMOVAL AND REPORT TO THE ARCHITECT.
 - 2 RELOCATE RETURN GRILLE. CLEAN AND REPAIR ANY DAMAGE. MEASURE AIRFLOW PRIOR TO REMOVAL AND REPORT TO THE ARCHITECT.
 - 3 REMOVE DUCTWORK BACK TO MAIN DUCT
 - 4 REMOVE EXHAUST DUCT CONNECTION TO FUME HOOD. RETAIN DAMPER AT HOOD CONNECTION.



- HVAC KEYNOTES**
- 1 RELOCATED SUPPLY DIFFUSER. REPLACE WITH NEW IF DAMAGED. PROVIDE BALANCING DAMPER. BALANCE TO 300 CFM SUPPLY AIR.
 - 2 RELOCATED RETURN GRILLE. REPLACE WITH NEW IF DAMAGED. PROVIDE BALANCING DAMPER. BALANCE TO 0 CFM WHILE EXHAUST HOOD IS OPERATING.
 - 3 NEW RETURN GRILLE. PROVIDE BALANCING DAMPER. BALANCE TO 300 CFM RETURN AIR.
 - 4 ROOM PRESSURE SENSOR MONITOR AND KEYSWITCH TO MONITOR THE ROOM PRESSURIZATION. ROOM SHALL BE MAINTAINED AT A NEGATIVE PRESSURE WITH RESPECT TO THE CLEAN ROOM. INCLUDE DIGITAL INTERFACE MODULE SENSOR, TRANSFORMER, AND INTERCONNECTING CABLES.
 - 5 REBALANCE SUPPLY DIFFUSER TO 630 CFM.
 - 6 REBALANCE RETURN GRILLE TO 630 CFM.
 - 7 HUMIDITY SENSOR MOUNTED IN VERTICAL SUPPLY DUCT. PROVIDE CONTROL WIRING TO THE HUMIDIFIER IN THE SECOND FLOOR MECHANICAL ROOM.



HUMIDIFIER SCHEDULE									
MARK	TYPE	SERVICE	CFM	OA CFM	CAPACITY (LB/HR)	KW	VOLTAGE	PHASE	BASIS OF DESIGN
H-1	ELECTRODE	AHU-4B	12500	1875	30	12	208	3	MANUF. MODEL
NOTES:									
1. PROVIDE MOUNTING LEGS FOR FLOOR INSTALLATION.									
2. PROVIDE DRAIN COOLER AND 3/4" DRAIN LINE TO FLOOR DRAIN.									
3. PROVIDE DOMESTIC COLD WATER CONNECTION.									
4. PROVIDE STEAM PIPING AND DUCT MOUNTED DISPERSION COIL.									



FULLY SPRINKLERED
ISSUED FOR CONSTRUCTION

CONSULTANTS:		SEAL		ARCHITECTS/ENGINEERS:		Drawing Title HVAC DEMO AND NEW PLAN		Project Title: ERIE VA PHARMACY IV PREP ROOM		Project Number 562-13-105		Office of Construction and Facilities Management Department of Veterans Affairs	
Revisions:		Date		AE works 6587 Hamilton Avenue Pittsburgh, Pennsylvania 15206 Ph: 412.287.7333 Fax: 412.287.7334 www.ae-works.com AE Works Project Number: 13020		Approved: Project Director		Location: 135 EAST 38TH STREET, ERIE, PA 16504		Building Number 1			
								Date: January 17, 2014		Checked: SPL		Drawn: SPL	
										Drawing Number H101		Dwg. 7 of 9	