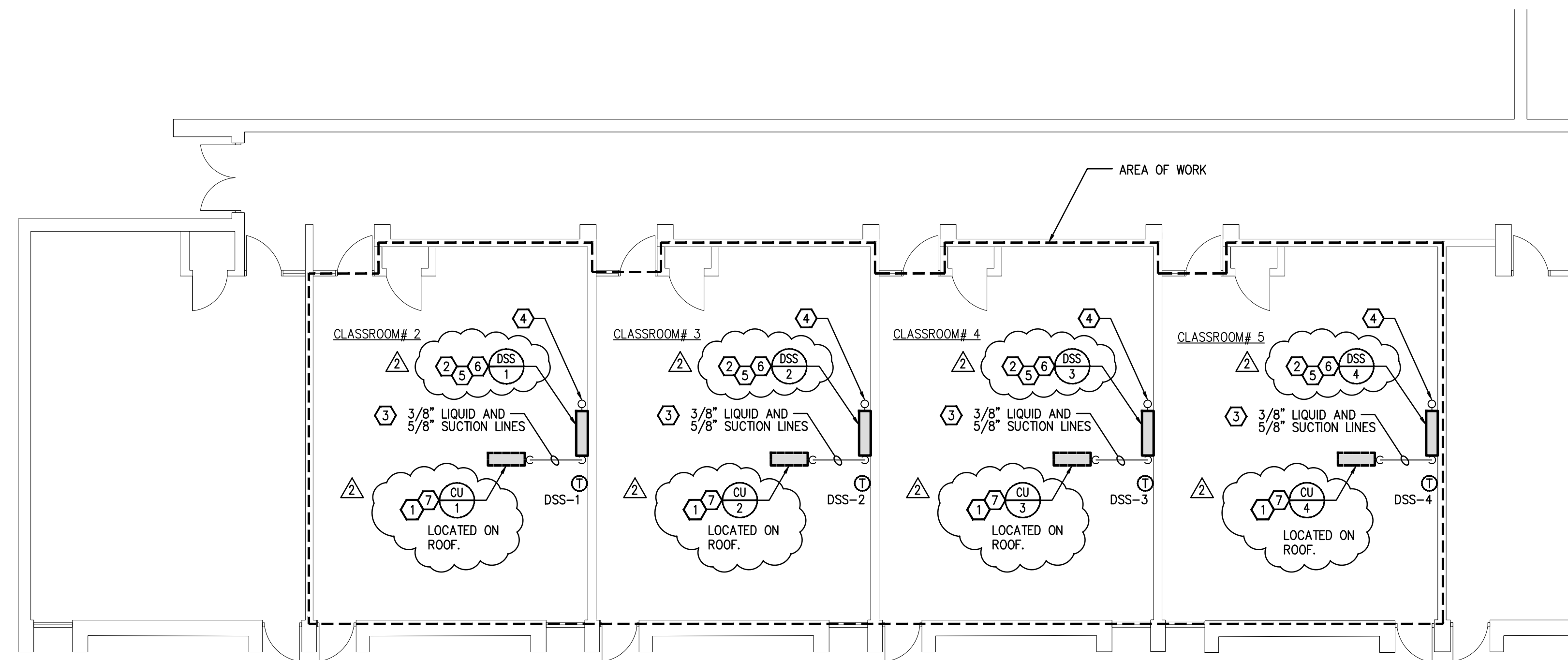


FLOOR PLAN - HVAC DEMOLITION

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



FLOOR PLAN - HVAC NEW WORK

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

DEMOLITION NOTES:

1. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO PREPARING HIS BID IN ORDER TO FAMILIARIZE HIMSELF WITH CONDITIONS AS THEY EXIST AND SHALL STUDY ALL AVAILABLE BUILDING PLANS AND ARCHITECTURAL AND MECHANICAL DRAWINGS TO SATISFY HIMSELF AS TO THE EXTENT OF ALL CONTINGENCIES AND SHALL INCLUDE THE COST OF THE SAME IN HIS BID.
2. THE CONTRACTOR SHALL NOT CREATE INTERRUPTION OF THE EXISTING BUILDING SERVICES WITHOUT PRIOR SCHEDULING OF SUCH OUTAGES WITH THE OWNER.
3. THE CONTRACTOR SHALL VERIFY EXACT LOCATION OF ALL EXISTING SERVICES IN FIELD.

KEY NOTES:

- ① EXISTING THRU-WALL UNIT AND COMPONENTS SHALL BE REMOVED.
- ② PATCH EXISTING HOLE WITH MASONRY BLOCK TO MATCH EXISTING WALLS STRUCTURE AND INSTALL A INSULATED METAL PANEL OVER EXTERIOR PENETRATION, INSURE PENETRATION IS SEALED WEATHER TIGHT, PAINT TO MATCH EXISTING. EXISTING TILE SHALL BE REPLACED BY UNION COUNTY.
- ③ REMOVE EXISTING THERMOSTAT AND WIRING BACK TO UNIT. PAINT ANY DISTURBED AREA TO MATCH SURROUNDING.

GENERAL NOTES:

1. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO PREPARING HIS BID IN ORDER TO FAMILIARIZE HIMSELF WITH CONDITIONS AS THEY EXIST AND SHALL STUDY ALL MECHANICAL DRAWINGS TO SATISFY HIMSELF AS TO THE EXTENT OF ALL CONTINGENCIES AND SHALL INCLUDE THE COST OF THE SAME IN HIS BID.
2. THE CONTRACTOR SHALL NOT CREATE INTERRUPTION OF THE EXISTING BUILDING SERVICES WITHOUT GIVING A MINIMUM 48 HOUR NOTICE OF SUCH OUTAGES WITH THE OWNER.
3. CONTRACTOR MUST BE LICENSED AND HAVE COMPLETED INSTALLATION TRAINING AND TO FOLLOW MANUFACTURERS RECOMMENDATIONS FOR INSTALLATION OF SYSTEMS.
4. CONTRACTOR SHALL VERIFY REFRIGERANT LINE SIZING AND ROUTING WITH SELECTED EQUIPMENT MANUFACTURER.
5. ALL ROOF WORK SHALL BE PERFORMED BY THE MANUFACTURER'S CERTIFIED INSTALLER SO NOT TO VOID ROOF WARRANTY.

KEY NOTES:

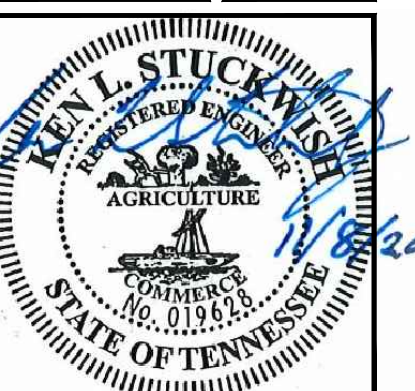
- ① COORDINATE ALL REFRIGERANT AND CONDENSATE PIPING WITH EXISTING UTILITIES, LIGHTING, AND STRUCTURAL. THE CONTRACTOR SHALL ROUTE THE REFRIGERANT LINES THROUGH EXISTING CONCRETE ROOF STRUCTURE OVER TO NEW CONDENSER ON ROOF.
- ② 4-SPEED AIRFLOW HIGH WALL MOUNT TYPE. ADJUST CFM SETTING AS NEEDED FOR OPTIMUM LEVEL OF COMFORT FOR OCCUPANTS. MOUNT BOTTOM AT 8'-0" AFF.
- ③ PIPING BELOW CEILINGS SHALL BE COVERED WITH WHITE LINE SET METAL COVER KIT.
- ④ CONTRACTOR SHALL ROUTE CONDENSATE FROM UNIT UP THROUGH ROOF STRUCTURE AND SPILL ON ROOF. REFER TO DETAIL SHEET M1.
- ⑤ CONNECT AIR PURIFIER TO UNSWITCHED POWER SOURCE.
- ⑥ PROVIDE AND INSTALL MITSUBISHI TE-200A CENTRALIZED CONTROLLER IN RECEPTION OFFICE. INTERFACE NEW CONTROLS WITH EXISTING JCI BAS. CONNECT CONTROLLER TO NEAREST UNSWITCHED 120V, 20A CIRCUIT. EXTEND 3/4" C 2/12, #12GND AS REQUIRED.
- ⑦ PROVIDE SUPERSTAND FOR CONDENSING UNIT AND FASTEN UNIT TO STAND. ROUTE REFRIGERANT PIPING DOWN THROUGH ROOF USING PIPING CURB, REFER TO DETAIL ON M1. THE CONTRACTOR SHALL ROUTE THE REFRIGERANT LINES THROUGH EXISTING ROOF STRUCTURE TO LEVEL BELOW.

DUCTLESS SYSTEM - SEQUENCE OF OPERATION

DUCTLESS UNITS:
(DSS-1 THRU 4)

MONITOR SPACE TEMPERATURE VIA WALL MOUNTED SENSOR AND PROVIDE THE FOLLOWING ALARMS:

- HIGH TEMPERATURE.
- LOW TEMPERATURE.



JOB NO:	120064
FILE:	120064
DRAWN:	MAW
DESIGNED:	MAW
CHECKED:	KLS
DATE:	11-08-21

REVISIONS:	
REV# 1	12/14/21
REV# 2	12/15/21

WWR ENGINEERS INC.
5417 Ball Camp Pike
Knoxville, TN 37921
Phone: (865) 588-2431
Fax: (865) 588-2434
West, Welch, Reed Engineers, Inc.
WWR PROJECT# 121077
THIS DRAWING IS GENERALLY DIAGRAMMATIC AND, EXCEPT WHERE SPECIFICALLY DIMENSIONED OR DETAILED, INDICATES THE GENERAL ARRANGEMENT OF THE WORK. THE CONTRACTOR SHALL INSTALL HIS WORK TO CONFORM AS NEARLY AS POSSIBLE TO THE LOCATIONS AND ARRANGEMENTS SHOWN, WITH ONLY SUCH MINOR ADJUSTMENTS AS NECESSARY TO COORDINATE THE WORK WITH ALL OTHER TRADES TO AVOID INTERFERENCES.