

EQUIPMENT SCHEDULE:

PACKAGED COOLING UNITS (PCU):

MARK	AREA SERVED	AREA (SQ. FT.)	AIR ENTERING COND. °F	SUPPLY AIR (CFM)	ESP (INCH W.G.)	EVAPORATOR FAN MOTOR (FLA)	COMPRESSOR (RLA)	CONDENSER FAN MOTOR (FLA)	OUTDOOR AIR (CFM)	COOLING AIR DATA				ELECTRICAL DATA			OPERATING WEIGHT (LBS)	MANUFACTURER & MODEL NO. OR APPROVED EQUAL
										ENTERING AIR		CAPACITY (BTU/HR)		VOLTS	PHASE	HERTZ		
										°F DB	°F WB	TOTAL	SENSIBLE					
PCU#1	COSMETOLOGY CLASSROOM, OFFICE, STO, CONFERENCE, ETC.	6,594	95	6,600	–	15.2	22.4–2 EA	6.6–2 EA	1,105	79.9	67.2	220,000	146,300	SEE ELECTRICAL DRAWINGS			4,813	"CARRIER" MODEL 50A5020

DUCTED-SPLIT AIR CONDITIONING UNITS:

MARK	AREA SERVED	SUPPLY AIR CFM	OUTDOOR AIR CFM	ESP IN IN. WG.	COOLING CAPACITY (BTU/HR.)		ENTERING AIR		AIR ENTERING COND. °F	EVAP. FAN MOTOR (FLA)	COMP. MOTOR (RLA)	COND. FAN MOTOR (FLA)	OPERATING WEIGHT (LBS)	POWER SUPPLY CHARACTERISTICS			MANUFACTURER & MODEL NO. OR APPROVED EQUAL	
					TOTAL	SENSIBLE	°F DB	°F WB						VOLTS	PHASE	HERTZ		
FCU#1/ACCU#1	CRIMINAL JUSTICE MATERIAL ROOM	945	105	–	43,000	33,700	89.0	68.6	95	–	21.20	1.3	306	SEE ELECTRICAL DRAWINGS			FCU:"CARRIER" FV4C048	ACCU:"CARRIER" 24APA748
FCU#2/ACCU#2	CRIMINAL JUSTICE CLASSROOM	955	585	–	45,600	22,200	83.3	73.5	95	–	21.20	1.3	306	SEE ELECTRICAL DRAWINGS			FCU:"CARRIER" FV4C048	ACCU:"CARRIER" 24APA748
FCU#3/ACCU#3	COSMETOLOGY SALON	945	760	–	46,500	20,800	85.5	76.2	95	–	21.20	1.3	306	SEE ELECTRICAL DRAWINGS			FCU:"CARRIER" FV4C048	ACCU:"CARRIER" 24APA748
FCU#4/ACCU#4	COSMETOLOGY SALON	950	765	–	46,600	20,800	85.5	76.3	95	–	21.20	1.3	306	SEE ELECTRICAL DRAWINGS			FCU:"CARRIER" FV4C048	ACCU:"CARRIER" 24APA748
FCU#5/ACCU#5	CLASSROOM	695	425	–	43,800	21,600	84.6	74.0	95	–	21.20	1.3	306	SEE ELECTRICAL DRAWINGS			FCU:"CARRIER" FV4C048	ACCU:"CARRIER" 24APA748
FCU#6/ACCU#6	CLASSROOM	700	425	–	43,900	21,400	84.2	74.0	95	–	21.20	1.3	306	SEE ELECTRICAL DRAWINGS			FCU:"CARRIER" FV4C048	ACCU:"CARRIER" 24APA748
FCU#7/ACCU#7	CLASSROOM	700	425	–	43,900	21,400	84.2	74.0	95	–	21.20	1.3	306	SEE ELECTRICAL DRAWINGS			FCU:"CARRIER" FV4C048	ACCU:"CARRIER" 24APA748
FCU#8/ACCU#8	CLASSROOM	705	430	–	44,200	21,600	84.2	74.0	95	–	21.20	1.3	306	SEE ELECTRICAL DRAWINGS			FCU:"CARRIER" FV4C048	ACCU:"CARRIER" 24APA748
FCU#9/ACCU#9	CLASSROOM	1,425	865	–	72,500	33,600	80.2	72.6	95	5.8	19.0	–	328	SEE ELECTRICAL DRAWINGS			FCU:"CARRIER" 40RUA07	ACCU:"CARRIER" 38AUZA07

MINI-SPLIT AIR-CONDITIONING UNIT:

MARK	AREA SERVED	SUPPLY AIR CFM	COOLING CAPACITY (BTUH)	EVAP. FAN MOTOR FLA	COMP. MOTOR RLA	COND. FAN MOTOR FLA	OPERATING WEIGHT (LBS)	POWER SUPPLY CHARACTERISTICS			MANUFACTURER & MODEL NO. OR APPROVED EQUAL	
								VOLTS	PHASE	HERTZ		
FCU#10/ACCU#10	ELECTRICAL RM	720	10,300	1.8	5.2	0.38	79.2	SEE ELECTRICAL DRAWINGS			FCU: "CARRIER" MO. 40MVQ012	ACCU: "CARRIER" MO. 38MVC012
FCU#11/ACCU#11	PVC CONTROL RM	720	10,300	1.8	5.2	0.38	79.2	SEE ELECTRICAL DRAWINGS			FCU: "CARRIER" MO. 40MVQ012	ACCU: "CARRIER" MO. 38MVC012

EXHAUST FAN:

MARK	AREA SERVED	AREA (SQ. FT.)	CFM	STATIC PRESSURE INCH W.G.	FAN RPM	TYPE	ELECTRICAL DATA				MANUFACTURER & MODEL NO. OR APPROVED EQUAL
							MOTOR	VOLTS	PHASE	HERTZ	
CEF#1	WOMEN'S	184	300	0.625	1350	CEILING EXHAUST FAN	135 W	SEE ELECTRICAL DRAWINGS			"GREENHECK" MODEL SP–A390
CEF#2	MEN'S	201	300	0.625	1350	CEILING EXHAUST FAN	135 W	SEE ELECTRICAL DRAWINGS			"GREENHECK" MODEL SP–A390
CEF#3	JAN. CLO	35	35	0.250	625	CEILING EXHAUST FAN	38 W	SEE ELECTRICAL DRAWINGS			"GREENHECK" MODEL SP–B50
CEF#4	WOMEN'S	162	250	0.100	1000	CEILING EXHAUST FAN	83 W	SEE ELECTRICAL DRAWINGS			"GREENHECK" MODEL SP–A250
CEF#5	MEN'S	180	250	0.100	1000	CEILING EXHAUST FAN	83 W	SEE ELECTRICAL DRAWINGS			"GREENHECK" MODEL SP–A250
CEF#6	JAN. CLO	36	35	0.250	625	CEILING EXHAUST FAN	38 W	SEE ELECTRICAL DRAWINGS			"GREENHECK" MODEL SP–B50

NOTES: 1. VERIFY POWER SUPPLY CHARACTERISTICS FROM ELECTRICAL DRAWINGS BEFORE SUBMITTING PRODUCT DATA FOR APPROVAL AND/OR BEFORE ORDERING EQUIPMENT.

LEGEND:

ABBREVIATION	DESCRIPTION
ACCU	AIR COOLED CONDENSING UNIT
A/C	AIR CONDITIONING
ACD	A/C CONDENSATE DRAIN
CD	CEILING DIFFUSER
CEF	CEILING EXHAUST FAN
CFM	CUBIC FEET PER MINUTE
DDC	DIRECT DIGITAL CONTROL
DN.	DOWN
EA.	EACH
EAD	EXHAUST AIR DUCT
EF	EXHAUST FAN
FCU	FAN COIL UNIT
FD	FIRE DAMPER
FLA	FULL LOAD AMPHERE
KW	KILOWATT
LBS	POUNDS
MD	MOTORIZED DAMPER
OA	OUTSIDE AIR
OAD	OUTSIDE AIR DUCT
PCU	PACKAGED COOLING UNIT
RA	RETURN AIR
RAD	RETURN AIR DUCT
RAG	RETURN AIR GRILLE
RD	ROOF DRAIN
RL	REFRIGERANT LIQUID LINE
RS	REFRIGERANT SUCTION LINE
SD	DUCT SMOKE DETECTOR
SAD	SUPPLY AIR DUCT
SP	STATIC PRESSURE SENSOR
T	TEMPERATURE SENSOR
TV	TURNING VANE
TYP	TYPICAL
VAV	VARIABLE AIR VOLUME
VFD	VARIABLE FREQUENCY DRIVE
VD	VOLUME DAMPER
W	WATTS

VAV BOX SCHEDULE:

MARK	SPACES SERVED	INLET SIZE	MAX. AIRFLOW (CFM)	POWER SUPPLY CHARACTERISTICS	REMARKS
VAV#1	COSMETOLOGY CLASSROOM	08	920	115V/1/60	"CARRIER MO. 35E
VAV#2	COSMETOLOGY OFFICE	06	515	115V/1/60	"CARRIER MO. 35E
VAV#3	COSMETOLOGY STO	04	230	115V/1/60	"CARRIER MO. 35E
VAV#4	CONFERENCE	04	230	115V/1/60	"CARRIER MO. 35E
VAV#5	CORRIDOR	10	1,430	115V/1/60	"CARRIER MO. 35E
VAV#6	CRIMINAL JUSTICE STO	08	920	115V/1/60	"CARRIER MO. 35E
VAV#7	GUNS	04	230	115V/1/60	"CARRIER MO. 35E
VAV#8	AMMO	04	230	115V/1/60	"CARRIER MO. 35E
VAV#9	CADRE OFFICE	06	515	115V/1/60	"CARRIER MO. 35E
VAV#10	OFFICE	08	920	115V/1/60	"CARRIER MO. 35E
VAV#11	CORRIDOR (2F)	10	1,430	115V/1/60	"CARRIER MO. 35E
VAV#12	OFFICE	06	515	115V/1/60	"CARRIER MO. 35E
VAV#13	CONFERENCE ROOM	04	230	115V/1/60	"CARRIER MO. 35E
VAV#14	DDC	04	230	115V/1/60	"CARRIER MO. 35E
VAV#15	COMM	04	230	115V/1/60	"CARRIER MO. 35E

NOTE: PROVIDE VAV'S WITH 115/24 VOLT CONTROL TRANSFORMERS.

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BLDG 100 RENOVATION

Title:

EQUIPMENT SCHEDULE,
LEGEND

DESIGN DEVELOPMENT

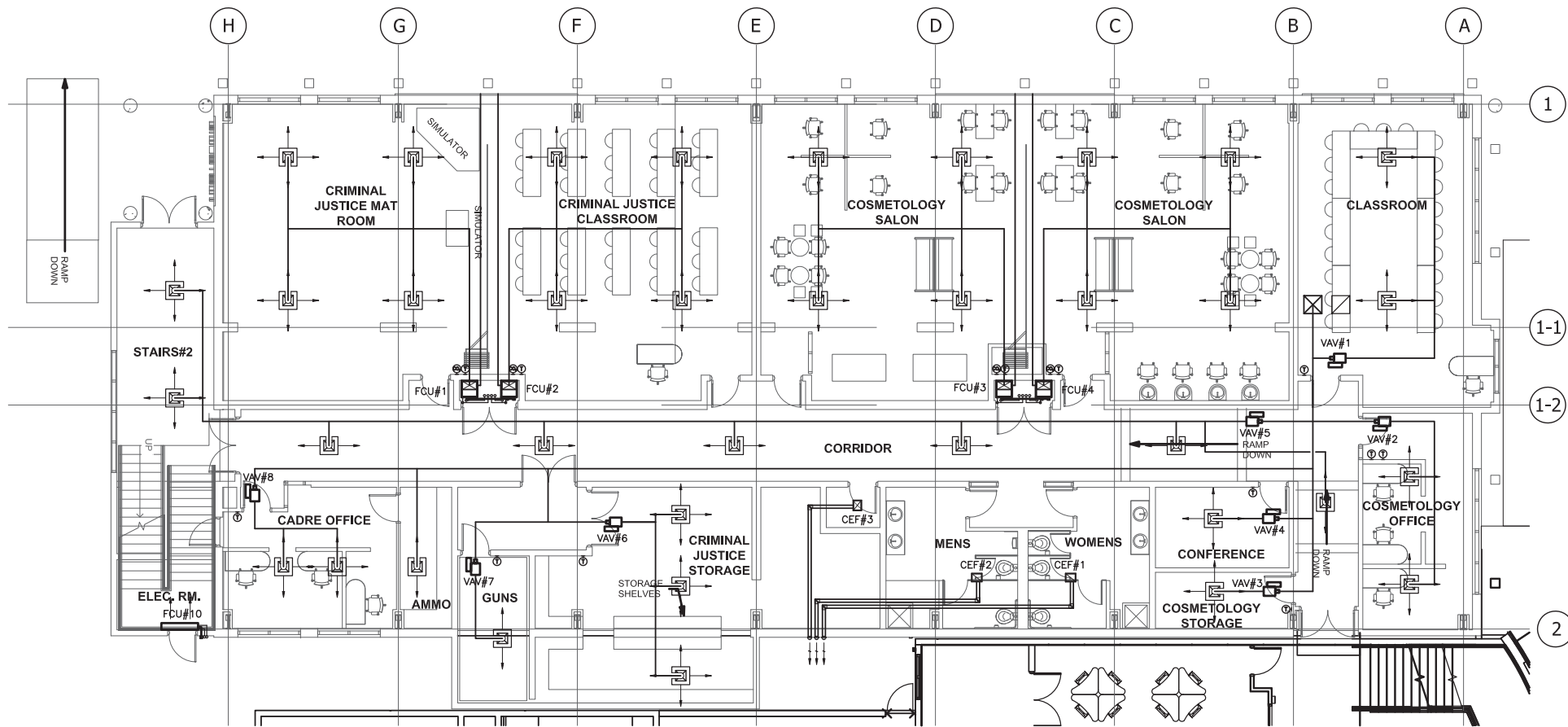
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Sheet No. _____ of _____

NOTES:

1. A/C EQUIPMENT SHALL BE IDENTIFIED BY GCC PERSONNEL FOR REMOVAL AND SALVAGE. THE REFRIGERANT OF EQUIPMENT SHALL BE PUMPED OUT AND STORED AT THE CONDENSER. REFRIGERANT OF EQUIPMENT TO BE DISPOSED OF BY THE CONTRACTOR SHALL BE COVERED IN ACCORDANCE WITH GEPA REGULATIONS.



1 FIRST FLOOR AIR-CONDITIONING & VENTILATION PLAN
SCALE: 1/8" = 1'-0"



REVISIONS		
No.	Description	Date

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FIRST FLOOR
AIR CONDITIONING &
VENTILATION PLAN

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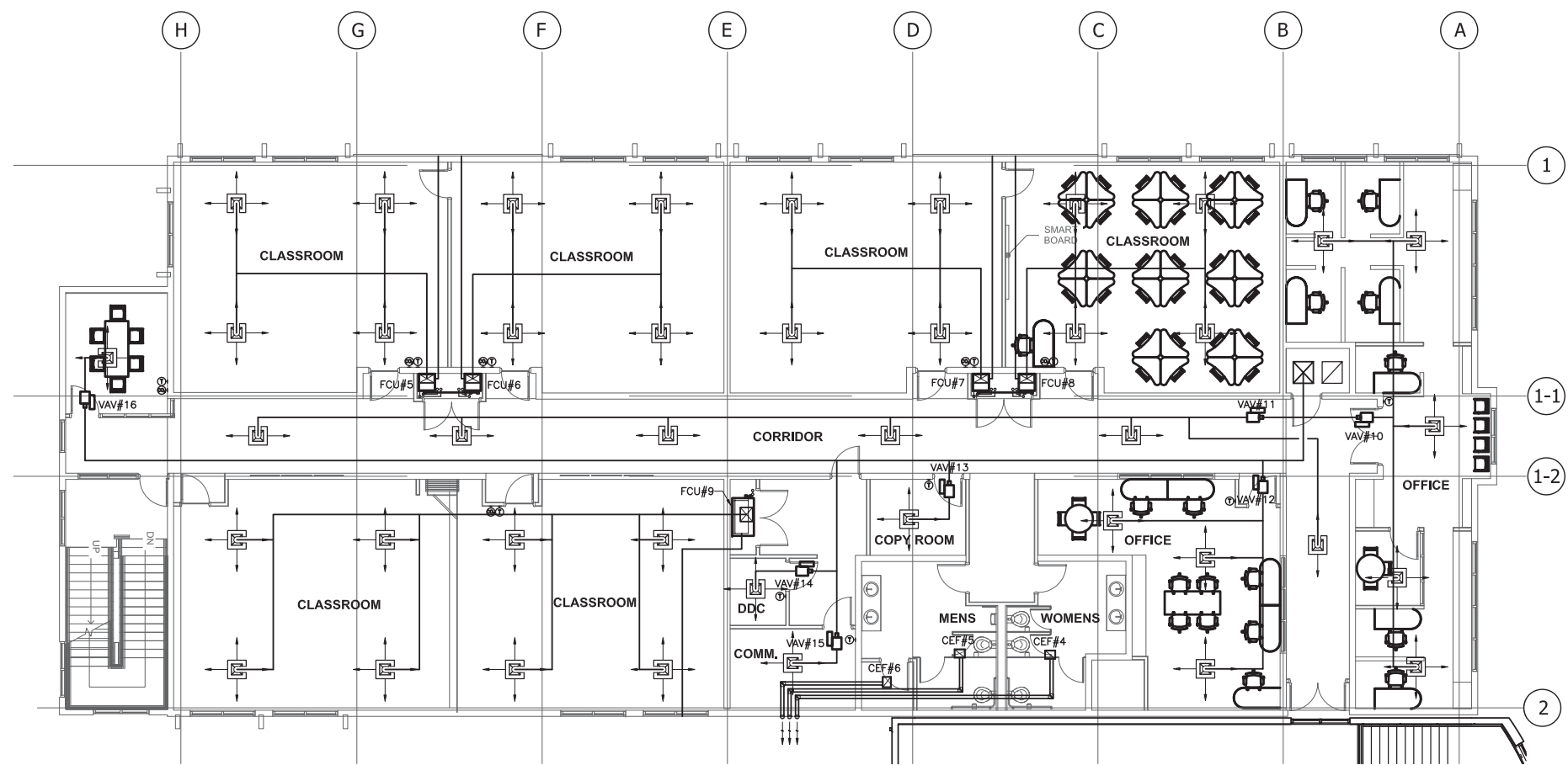
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1 SECOND FLOOR AIR-CONDITIONING & VENTILATION PLAN
SCALE: 1/8" = 1'-0"



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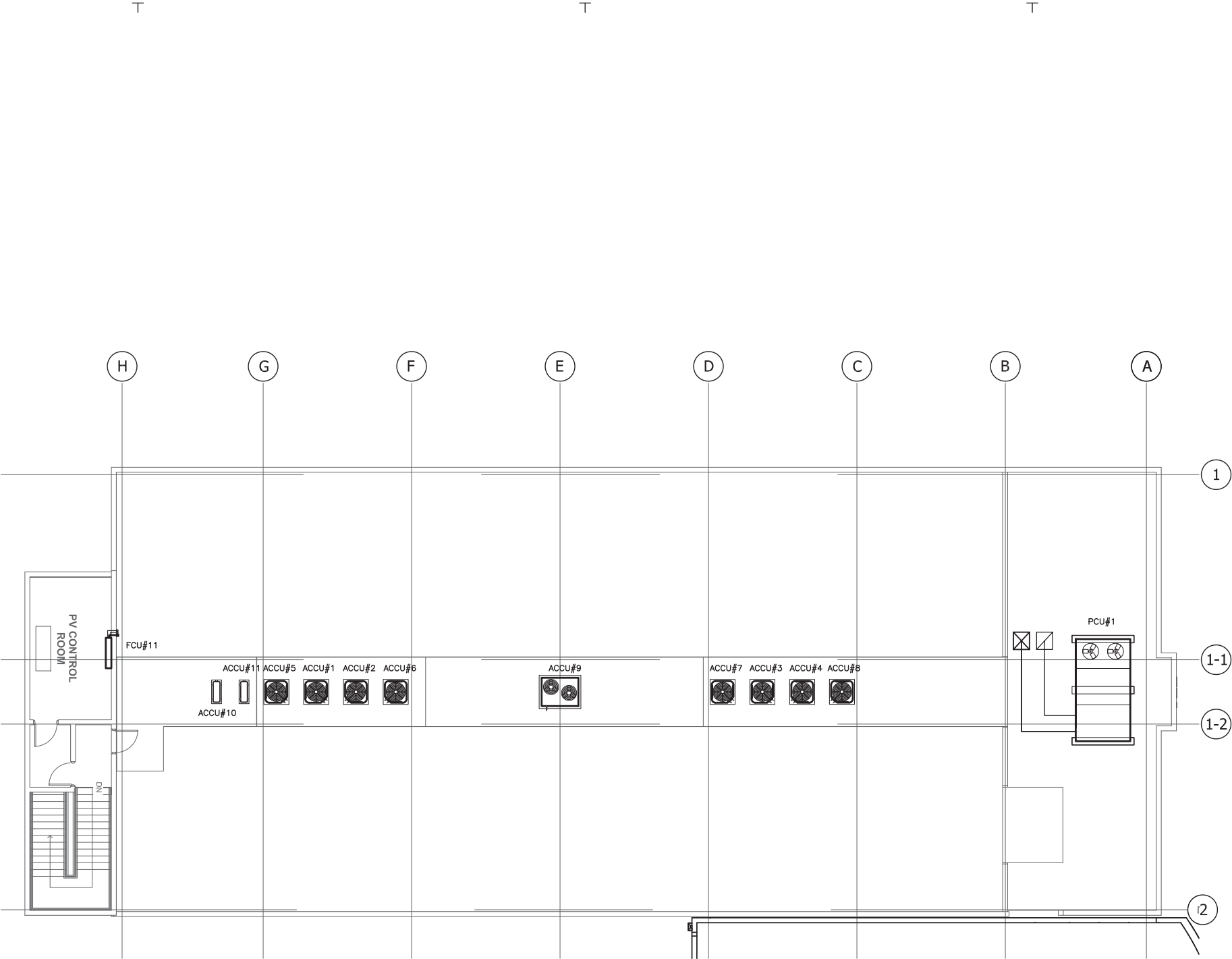
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AIR CONDITIONING &
VENTILATION PLAN

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Drawing No.

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1 ROOF A/C EQUIPMENT PLAN
SCALE: 1/8" = 1'-0"



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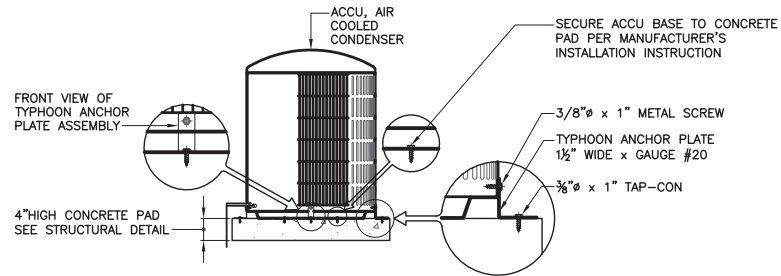
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PLAN

DESIGN DEVELOPMENT

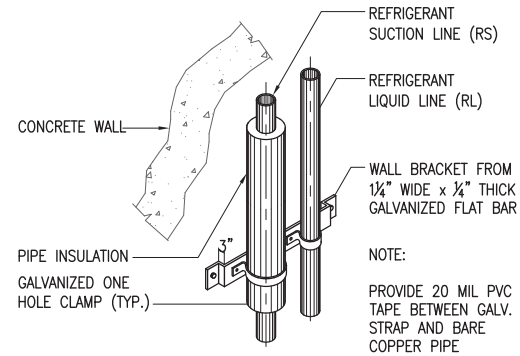
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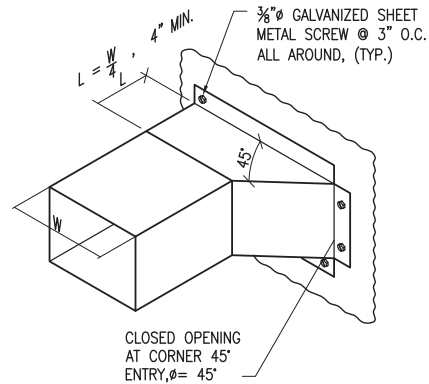
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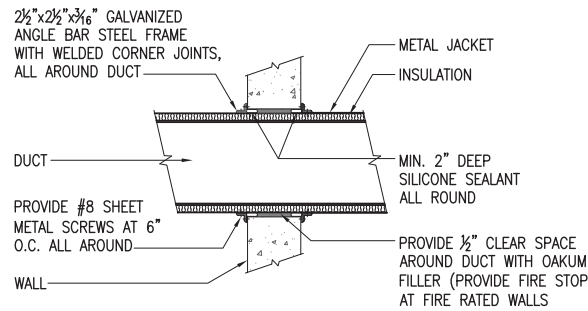
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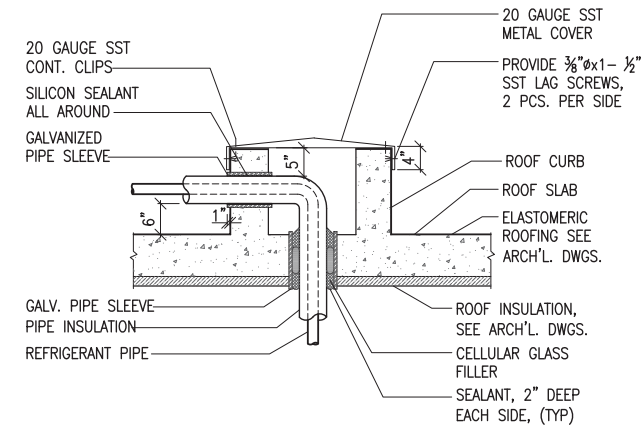
2 PIPE ON WALL DETAIL
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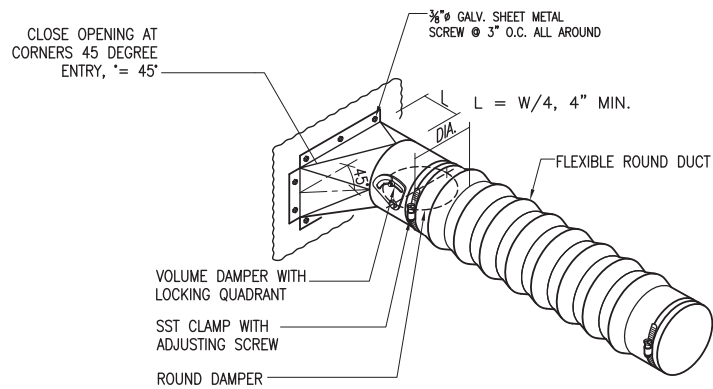
3 RECTANGULAR BRANCH DUCT TAKE OFF DETAIL
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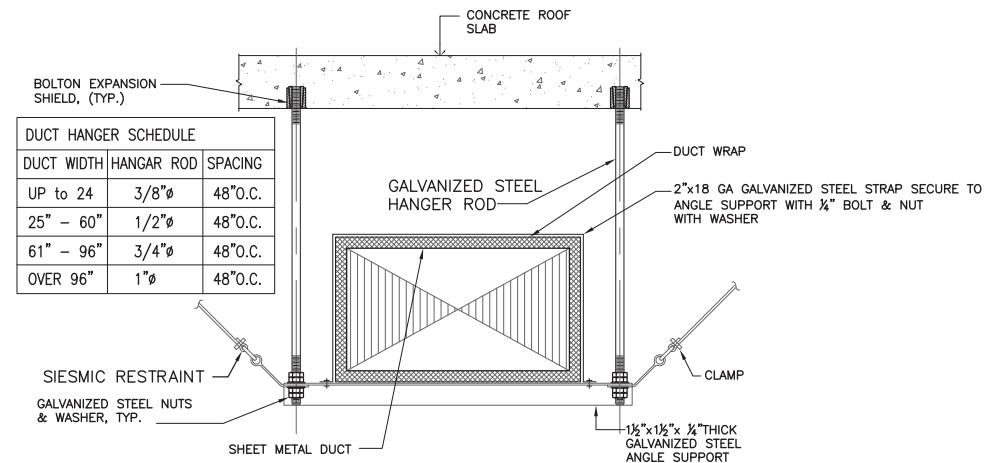
4 DUCT THRU WALL DETAIL
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5 REFRIGERANT PIPE THRU ROOF DETAIL
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7 ROUND DUCT BRANCH TAKE OFF DETAIL
SCALE: NOT TO SCALE



8 DUCT HANGER DETAIL
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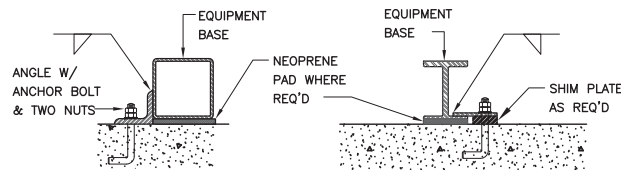
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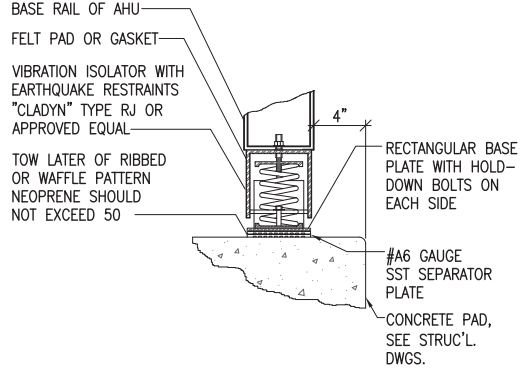
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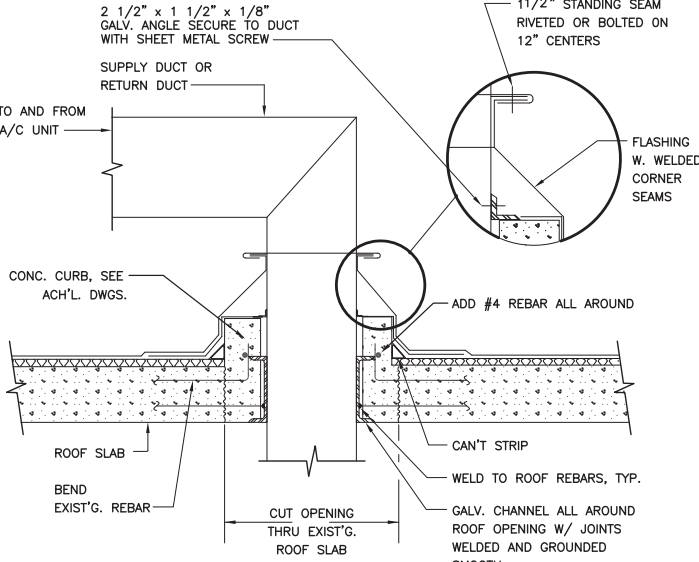
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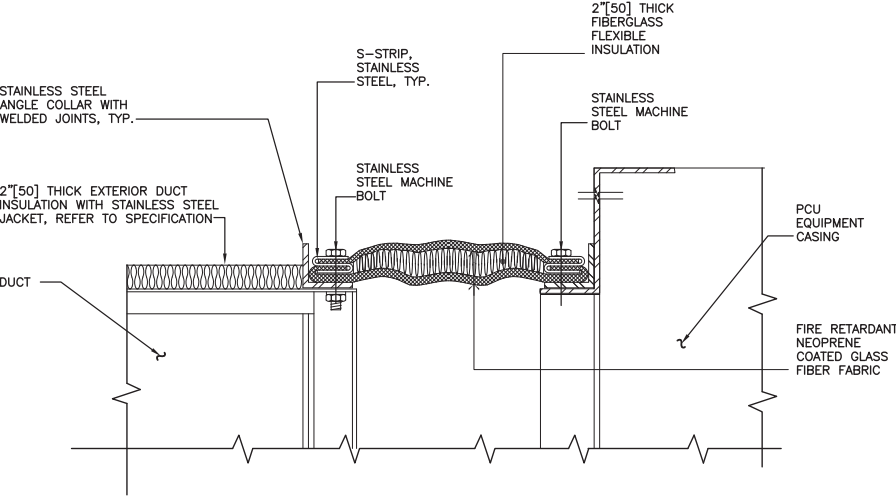
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2 PCU VIBRATION ISOLATOR DETAIL
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3 DUCT THRU ROOF DETAIL
SCALE: NOT TO SCALE



4 FLEXIBLE DUCT CONNECTION DETAIL
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