AIA® Document G709™ – 2018

Proposal Request

PROJECT: *(name and address)*
AWSOM
Bentonville, Arkansas

CONTRACT INFORMATION:
Contract For: General Construction
Date: 11.09.2021

Architect's Project Number: 993A
Proposal Request Number: 042
Proposal Request Date: 3.21.2024

OWNER: *(name and address)*
AWSOM Lands, LLC
PO Box 2030
Bentonville, AR 72712

ARCHITECT: *(name and address)*
Polk Stanley Wilcox
509 W. Spring St., Ste 150
Fayetteville, AR 72701

CONTRACTOR: *(name and address)*
Crossland Construction Company
1800 S. 52nd Street, Suite 410
Rogers, AR 72758

The Owner requests an itemized proposal for changes to the Contract Sum and Contract Time for proposed modifications to the Contract Documents described herein. The Contractor shall submit this proposal within five (5) days or notify the Architect in writing of the anticipated date of submission.
(Insert a detailed description of the proposed modifications to the Contract Documents and, if applicable, attach or reference specific exhibits.)
Refer to the attached Proposal Request 042 Narrative listing revised drawings with brief description of changes.

THIS IS NOT A CHANGE ORDER, A CONSTRUCTION CHANGE DIRECTIVE, OR A DIRECTION TO PROCEED WITH THE WORK DESCRIBED IN THE PROPOSED MODIFICATIONS.

REQUESTED BY THE ARCHITECT:

Mark Herrmann, AIA
PRINTED NAME AND TITLE

POLK STANLEY WILCOX

PROPOSAL REQUEST 042

(+ RFI 298)

ISSUED:	**March 21, 2024**
PROJECT:	**AWSOM** **BENTONVILLE, AR**
FROM ARCHITECT:	**POLK STANLEY WILCOX ARCHITECTS** **801 SOUTH SPRING ST.** **LITTLE ROCK AR 72201**
TO CONTRACTOR:	**CROSSLAND CONSTRUCTION COMPANY, INC**

PROPOSAL REQUEST 042 BRIEF

Revised drawings in PR 042 update second floor BBH 44-46 and VAV 4-07 per coordination and responses from RFI #298.

REVISED DRAWING SHEETS

1) **Mechanical:**

a) Refer to Revised Sheet **M102A**, with original issue date 02.24.2023 and revised date 03.21.2024.
- Revised air distribution from VAV 4-07.
- Added note M205 to Mechanical Plan Notes.
- Removed BBH 44-46.

b) Refer to Revised Sheet **M202A**, with original issue date 02.24.2023 and revised date 03.21.2024.
- Removed BBH 44-46 and associated piping.

c) Refer to Revised Sheet **M600**, with original issue date 02.24.2023 and revised date 03.21.2024.
- Added UP to Grilles, Registers, and Diffusers Schedule.

d) Refer to Revised Sheet **M602**, with original issue date 02.24.2023 and revised date 03.21.2024.
- Revised VAV 4-07.

e) Refer to Revised Sheet **M603**, with original issue date 02.24.2023 and revised date 03.21.2024.
- Removed BBH 44-46 from Baseboard Heater Schedule

End of PR 042

MECHANICAL PLAN NOTES:

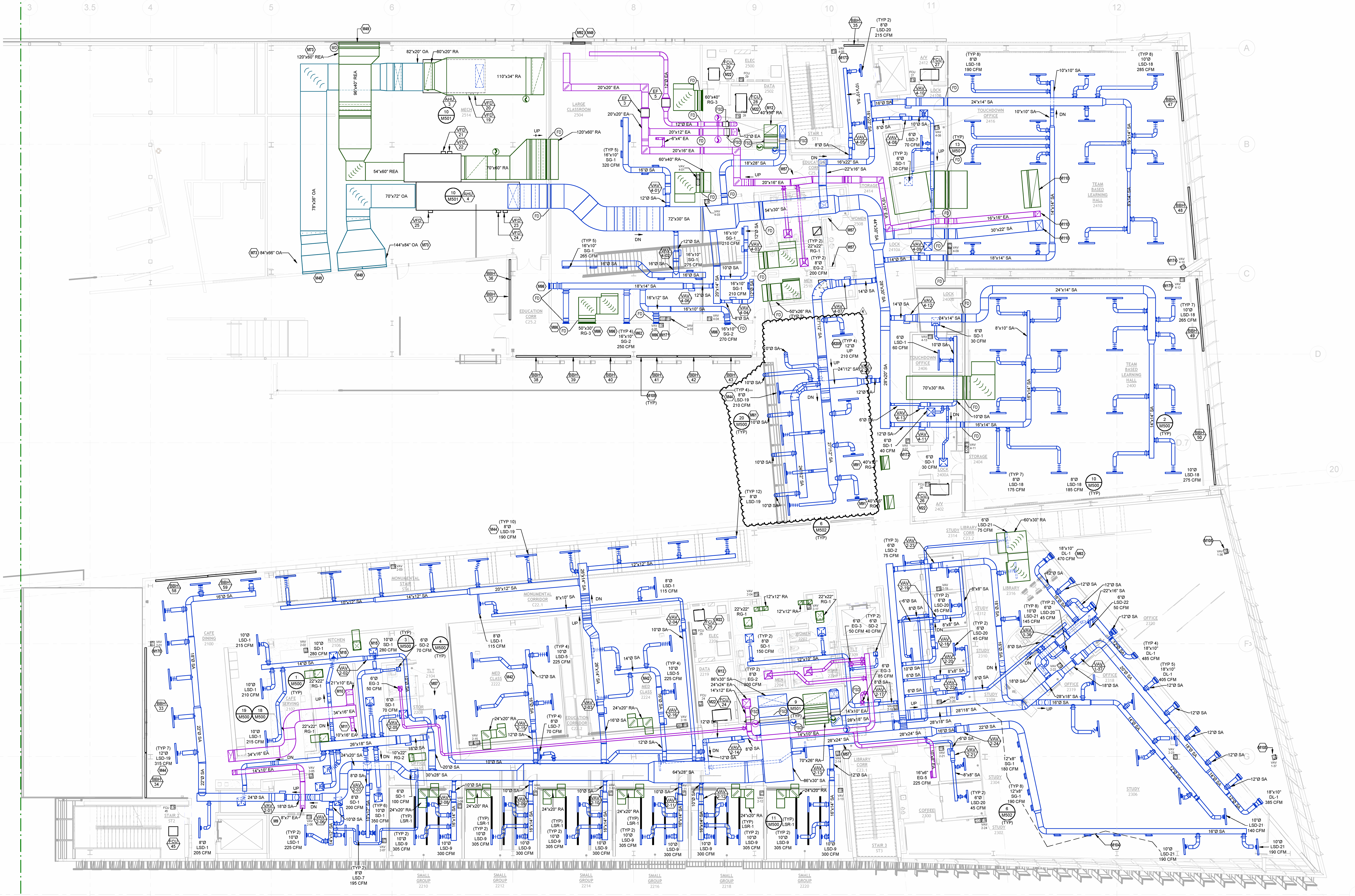
- M9 ROUTE 8"X7" EXHAUST AIR DUCT DOWN TO CONDENSATE HOOD CONNECTION. BALANCE TO 750 CFM. FOLLOW ALL MANUFACTURER RECOMMENDATIONS AND REQUIREMENTS. SLOPE ALL HOOD EXHAUST DUCT AT 1/4" PER FOOT.
- M10 ROUTE 21"X10" EXHAUST AIR DUCT DOWN TO EXHAUST HOOD CONNECTION. BALANCE TO 2590 CFM. PROVIDE CONNECTION TO HOOD. REFER TO KITCHEN PLANS FOR EQUIPMENT CONNECTION SIZE AND MORE DETAILS. SLOPE ALL HOOD EXHAUST DUCT AT 1/4" PER FOOT BACK TOWARDS HOOD. FOLLOW ALL MANUFACTURER RECOMMENDATIONS AND REQUIREMENTS.
- M11 ROUTE 10"X16" EXHAUST AIR DUCT DOWN TO EXHAUST HOOD CONNECTION. BALANCE TO 1945 CFM. PROVIDE CONNECTION TO HOOD. REFER TO KITCHEN PLANS FOR EQUIPMENT CONNECTION SIZE AND MORE DETAILS. SLOPE ALL HOOD EXHAUST DUCT AT 1/4" PER FOOT BACK TOWARDS HOOD. FOLLOW ALL MANUFACTURER RECOMMENDATIONS AND REQUIREMENTS.
- M12 LOCATE CONTROL POWER TRANSFORMERS IN THIS ROOM TO POWER LOCAL VAV BOXES. EACH CONTROL POWER TRANSFORMER SHALL SERVE UP TO FIVE VAV BOXES. DISTANCE BETWEEN TRANSFORMER AND VAV BOX SHALL NOT EXCEED 200 FEET.
- M15 PROVIDE DEFLECTOR PLATE AS SHOWN. DO NOT BLOW AIR INTO THE DIRECTION OF THE KITCHEN HOOD.

MECHANICAL PLAN NOTES:

- M22 MOUNT BOTTOM OF FAN COIL UNIT 9 FT AFF.
- M42 RETURN AIR THRU COVE ASSEMBLY. REFER TO ARCHITECTURAL PLANS FOR COVE LOCATION AND OPENING SIZE FOR RETURN AIR. OPENING SHALL BE MINIMUM 3" TALL AND FULL LENGTH OF COVE. .
- M44 LINEAR SLOT DIFFUSER SUSPENDED FROM STRUCTURE. MOUNT LINEAR SLOT JUST PAST EDGE OF CEILING.
- M49 LOUVERS BY ARCHITECT. REFER TO FREE AREA SCHEDULE ON M603 FOR MECHANICAL SYSTEM REQUIREMENTS. REFER TO ARCHITECTURAL PLANS FOR LOUVER DETAILS AND SPECIFICATIONS.
- M57 COORDINATE WITH ARCHITECTURAL DRAWINGS TO LEAVE WALL DOWN ABOVE CEILING FOR RETURN PATHWAY.
- M61 UP TO FLOOR GRILLE PLENUM.
- M62 MOUNT BOTTOM OF GRILLE 12'10" AFF.
- M63 MOUNT BOTTOM OF DRUM DIFFUSER 15'0" ABOVE FINISHED SECOND FLOOR.
- M73 LOUVER ASSEMBLY IS SLANTED TO ALIGN WITH PRECAST PANELS. ATTACHED PLENUM SHALL NOT BE SLANTED. COORDINATE WITH ARCHITECT ON FINAL REQUIRED BLANK OFF PANEL LOCATIONS FOR LOUVER SECTIONS NOT CONNECTED TO PLENUM.
- M86 PROVIDE GRILLE WITH FIRE DAMPER AT THE GRILLE FACE.

MECHANICAL PLAN NOTES:

- M91 MOUNT BOTTOM OF RETURN GRILLE 13'9" AFF.
- M92 ARCHITECT TO PROVIDE EXHAUST LOUVER. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR SIZE AND EXACT LOCATION.
- M104 DUCTWORK SHALL BE ROUTED ABOVE CEILING ALONG EDGE OUTLINED ON DRAWING.
- M105 MOUNT THERMOSTAT ON COLUMN 4'6" ABOVE NEAREST STAIR TREAD ELEVATION.
- M109 ALL BASEBOARD HEATERS SHALL BE CONTINUOUS IF SERVED BY SAME PIPING. NO EXPOSED PIPING ALLOWED BETWEEN BASEBOARD HEATERS. PROVIDE BLANK BBH SECTION, IF REQUIRED (TYPICAL)
- M110 SEAL PENETRATION THROUGH ACOUSTICAL CEILING WITH ACOUSTICAL SEALANT. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- M170 BBH 33, 34, 58 AND 59 SHALL BE CONTROLLED BY VAV 2-01 THERMOSTAT.
- M171 BBH 37 - 43 SHALL BE CONTROLLED BY VAV 4-06 THERMOSTAT.
- M172 BBH 44-46 SHALL BE CONTROLLED BY VAV 4-07 THERMOSTAT.
- M173 BBH 35 SHALL BE CONTROLLED BY VAV4-05 THERMOSTAT.
- M174 BBH 47-48 SHALL BE CONTROL BY VAV 4-10 THERMOSTAT.
- ~~M175 BBH 49-50 SHALL BE CONTROL BY VAV 4-12 THERMOSTAT.~~
- 4 M205 SUSPEND SUPPLY PLENUM ABOVE PANEL SYSTEM IN GAP SO THAT AIR DISCHARGES BETWEEN PANELS.



1 HVAC - LEVEL 2 PLAN - AREA A
1/8" = 1'-0"

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PSW Job Number:
993A

Henderson Job Number:
2150002607

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No. 11393 ARRON S. COOPER
03/21/2024

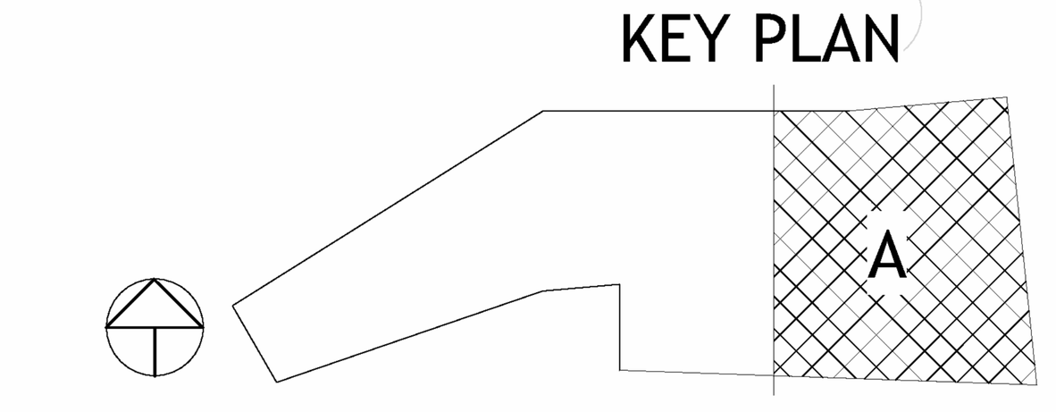
AWSOM
Bentonville, AR

Issue Date:
02.24.2023

REVISIONS

NUMBER	DATE	DESCRIPTION
1	03.10.23	Addendum 1
2	06.09.23	Addendum 2
3	09.27.23	PR-012
4	03.21.24	PR-042

KEY PLAN



Contents:
HVAC - LEVEL 2 PLAN - AREA A

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M102A

MECHANICAL PLAN NOTES:

- M6 PROVIDE 3/4" CHW/CHR TAP FOR CONNECTION TO FREEZER CONDENSER. BALANCE TO 3.60 GPM. PROVIDE CONNECTION TO EQUIPMENT. REFER TO KITCHEN PLANS FOR EQUIPMENT CONNECTION SIZE AND MORE DETAILS.
- M7 PROVIDE 3/4" CHW/CHR TAP FOR CONNECTION TO COOLER CONDENSER. BALANCE TO 1.80 GPM. PROVIDE CONNECTION TO EQUIPMENT. REFER TO KITCHEN PLANS FOR EQUIPMENT CONNECTION SIZE AND MORE DETAILS.
- M8 PROVIDE 3/4" CHW/CHR TAP FOR CONNECTION TO ICE MACHINE. BALANCE TO 2.80 GPM. PROVIDE CONNECTION TO EQUIPMENT. REFER TO KITCHEN PLANS FOR EQUIPMENT CONNECTION SIZE AND MORE DETAILS.
- M18 REFER TO M201A FOR PIPING FROM BELOW TO HYDRONIC BASEBOARD HEATER.
- M22 MOUNT BOTTOM OF FAN COIL UNIT 9 FT AFF.
- M24 ROUTE PIPING IN CEILING AND THEN PENETRATE HEATER FROM FLOOR BELOW. ALL PIPING SHALL BE INSTALLED INSIDE OF THE BUILDING AS 9/M502 SHOWS IN SECTION VIEW OF THE SLOPED EXTERIOR WALL. TYPICAL ALL BBHS AND THS THAT ARE SERVED FROM BELOW.
- M29 PIPING UP TO FLOOR ABOVE TO BASEBOARD HEATERS.
- M30 ROUTE HEATING HOT WATER TIGHT TO STRUCTURE.

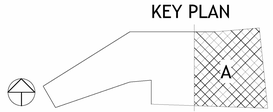
MECHANICAL PLAN NOTES:

- M77 ROUTE PIPING UP TO BASEBOARD HEATER CONNECTION ON FLOOR ABOVE. REFER TO M202A FOR PIPING CONTINUATION.
- M78 ROUTE PIPING UP THROUGH FLOOR TO PLENUM ABOVE. REFER TO M202A FOR PIPING CONTINUATION.
- M109 ALL BASEBOARD HEATERS SHALL BE CONTINUOUS IF SERVED BY SAME PIPING. NO EXPOSED PIPING ALLOWED BETWEEN BASEBOARD HEATERS. PROVIDE BLANK BBH SECTION, IF REQUIRED (TYPICAL)
- M110 SEAL PENETRATION THROUGH ACOUSTICAL CEILING WITH ACOUSTICAL SEALANT. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- M126 EXTEND PIPING THROUGH BBH-36 AND BBH-37. CV=0.22
- M127 EXTEND PIPING THROUGH BBH-38, BBH-39, BBH-40, BBH-41, BBH-42, AND BBH-43. CV=0.89
- M129 EXTEND PIPING THROUGH BBH-47 AND BBH-48. CV=1.16
- M130 EXTEND PIPING THROUGH BBH-49 AND BBH-50. CV=0.62
- M131 EXTEND PIPING THROUGH BBH-58 AND BBH-59. CV=0.80
- M132 EXTEND PIPING THROUGH BBH-33 AND BBH-34. CV=0.76
- M164 ROUTE 2" HWS, 2" HWR, 1-1/2" CHS, AND 1-1/2" CHR UP TO LEVEL 3. REFER TO M203A FOR CONTINUATION.
- M165 ROUTE 6" CHS, 6"CHR, 4" HWS, AND 4" HWR UP TO LEVEL 3. REFER TO M203A FOR CONTINUATION.

MECHANICAL GENERAL NOTE:
ALL BASEBOARD HEATERS SHALL BE CONTINUOUS IF SERVED BY SAME PIPING. NO EXPOSED PIPING ALLOWED BETWEEN BASEBOARD HEATERS. PROVIDE BLANK BBH SECTION, IF REQUIRED (TYPICAL)

1 PIPING - LEVEL 2 PLAN - AREA A
1/8" = 1'-0"

KEY PLAN



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REVISIONS

NUMBER	DATE	DESCRIPTION
1	03.10.23	Addendum 1
2	06.09.23	Addendum 2
3	03.21.24	PR-042

Contents:
PIPING - LEVEL 2
PLAN - AREA A

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M202A

AIR HANDLING UNIT SCHEDULE (CHILLED WATER COOLING, HOT WATER HEATING)

MARK	MANUFACTURER	MODEL	UNIT TYPE	SUPPLY FAN: FAN TYPE	CFM	ESP (IN)	TSP (IN)	BHP PER FAN	NOM HP PER FAN	VFD (Y/N)	V/PH	EXHAUST / RETURN FAN: FAN TYPE	CFM	ESP (IN)	TSP (IN)	BHP PER FAN	NOM HP PER FAN	VFD (Y/N)
AHU 1	JCI / YORK	XTI-120X96	MSVAV	SWSI	31600	2.5	5.40	11.18	15.00	Yes	480/3	EXH	25000	0.25	2.10	4.00	5	Yes
AHU 2	JCI / YORK	XTI-75X99	MSVAV	SWSI	17000	2.2	4.10	4.91	7.50	Yes	480/3	RET	14000	1.20	1.40	1.43	3	Yes
AHU 3	JCI / YORK	XTI-63X90	MSVAV	SWSI	13000	1.5	4.10	4.13	5.00	Yes	480/3	N/A	0	0.00	0.00	0.00	0	Yes
AHU 4	JCI / YORK	XTI-108X84	MSVAV	SWSI	21000	1.7	4.40	6.88	10.00	Yes	480/3	EXH	18000	0.25	1.50	2.01	3	Yes
AHU 5	JCI / YORK	XTI-96X132	MSVAV	SWSI	34300	2.2	5.50	12.97	15.00	Yes	480/3	N/A	0	0.00	0.00	0.00	0	Yes

MARK	ENTHALPY WHEEL: EXHAUST THRU WHEEL (CFM)	SUMMER OAT (°F DB)	SUMMER OAT (°F WB)	SUMMER WHEEL SA LAT (°F DB)	SUMMER WHEEL SA LAT (°F WB)	SUMMER MIXED AIR LAT (°F DB)	SUMMER MIXED AIR LAT (°F WB)	WINTER OAT (°F DB)	WINTER OAT (°F WB)	WINTER WHEEL SA LAT (°F DB)	WINTER WHEEL SA LAT (°F WB)	WINTER MIXED AIR LAT (°F DB)	WINTER MIXED AIR LAT (°F WB)
AHU 1	11250	95	75	85	69	79	65	10	9	38	36	40	36
AHU 2	N/A	0	0	0	0	0	0	0	0	0	0	0	0
AHU 3	N/A	0	0	0	0	0	0	0	0	0	0	0	0
AHU 4	8100	95	75	85	69	80	65	10	9	38	36	34	27
AHU 5	N/A	0	0	0	0	0	0	0	0	0	0	0	0

MARK	COOLING COIL: TH (MBH)	SH (MBH)	EAT (°F DB)	EAT (°F WB)	LAT (°F DB)	LAT (°F WB)	FLOW (GPM)	EWT (°F)	LWT (°F)	MAX WPD (FT)	VALVE Cv	MAX APD (IN)	MAX VEL (FPM)	ROWS /FPI	NO OF COILS
AHU 1	1059.2	834.2	79	64.8	54.7	53.4	160	42	56	12.00	70.9	0.7	500	10/10	3
AHU 2	743.0	533.7	83	67.4	54.0	53.2	112	42	56	14.00	49.6	0.7	500	8/11	2
AHU 3	579.3	409.9	82	67.1	53.4	52.5	87	42	56	10.60	38.6	1.0	500	10/10	1
AHU 4	821.7	604.4	79	65.3	53.3	52.2	124	42	56	10.80	55	0.5	500	8/12	6
AHU 5	1340.7	1014.3	81	66.3	54.0	53.5	202	42	56	19.00	89.5	1.0	500	8/11	2

MARK	HEATING COIL: COIL POSITION	CFM	CAP (MBH)	EAT (°F DB)	LAT (°F DB)	FLOW (GPM)	EWT (°F)	LWT (°F)	MAX WPD (FT)	VALVE Cv	MAX APD (IN)	MAX VEL (FPM)	ROWS / FPI	NO OF COILS
AHU 1	PREHEAT	13000	632.3	10.0	55.0	66	120	100	10.00	29.00	0.1	400	2/8	3
AHU 2	PREHEAT	6700	325.9	10.0	55.0	34	120	100	3.00	15.00	0.1	400	1/12	2
AHU 3	PREHEAT	5300	240.6	13.0	55.0	25	120	100	8.40	11.10	0.1	400	1/10	1
AHU 4	PREHEAT	10675	519.2	10.0	55.0	55	120	100	10.00	24.10	0.1	400	2/12	3
AHU 5	PREHEAT	12600	476.6	20.0	55.0	50	120	100	13.10	22.20	0.1	400	2/10	2

MARK	MIN O/A CFM	ABS MIN O/A	FILTERS: PRE-FILTERS MERV	PRE-FILTERS SP LOSS	FINAL FILTERS MERV	FINAL FILTERS SP LOSS	CONNECTIONS: SUPPLY AIR	RETURN AIR	OUTDOOR AIR	RELIEF/ EXHAUST AIR	DISC TYPE	STARTER TYPE	WEIGHT (LBS)	NOTES
AHU 1	11975	9900	8	0.60	13	0.90	TOP	BACK	TOP	TOP	F	VFD	24000	A-E,G-T, W
AHU 2	6540	6540	8	0.60	13	0.90	FRONT	TOP	TOP	TOP	F	VFD	13100	A-F, H-T
AHU 3	5060	5060	8	0.60	13	0.90	BOTTOM	BOTTOM	BACK	N/A	F	VFD	7700	A-F, H-T
AHU 4	8910	6000	8	0.60	13	0.90	TOP	FRONT	BACK	BACK	F	VFD	22400	A-E, G-Y
AHU 5	10350	8000	8	0.60	13	0.90	TOP	BACK	TOP	N/A	F	VFD	14000	A-F, H-T

MODEL NUMBERS SHALL NOT BE CONSIDERED COMPLETE AND MATERIAL SHALL NOT BE ORDERED BY MANUFACTURER AND MODEL NUMBERS ONLY. REVIEW THE COMPLETE DESCRIPTION, NOTES AND SPECIFICATIONS TO DETERMINE THE EXACT MATERIAL AND ACCESSORIES TO BE ORDERED. THE MANUFACTURERS LISTED ARE THE BASIS FOR THE DESIGN.

NOTES:

A. PROVIDE FACTORY MOUNTED DISCONNECT SWITCH INSTALLED ON SERVICE SIDE OF UNIT.
B. PROVIDE WITH 10KVA SCCR RATING.
C. PROVIDE WITH MINIMUM 4 FANS PER FAN ARRAY.
D. PROVIDE MINIMUM 1 VARIABLE FREQUENCY DRIVE FURNISHED PER FAN ROW.
E. PROVIDE SHAFT GROUNDING SYSTEM ON MOTOR. REFER TO MOTOR SPECIFICATION FOR ADDITIONAL INFORMATION.
F. PROVIDE SINGLE POINT POWER CONNECTION.
G. PROVIDE INDIVIDUAL POWER CONNECTIONS TO THE SUPPLY TUNNEL, EXHAUST TUNNEL, AND ENERGY RECOVERY WHEEL SECTION.
H. SPECIFIED FAN ESP ACCOUNTS FOR DUCT LOSSES EXTERNAL TO UNIT. ESP EXCLUDES UNIT INLET AND OUTLET OPENING LOSSES.
J. SPECIFIED FAN TSP INCLUDES EXTERNAL STATIC PRESSURE LOSSES, UNIT INLET AND OUTLET OPENING LOSSES, AND INTERNAL FILTER, COIL, AND CASING LOSSES. FILTER LOSS IS AT A MAXIMUM OF 400 FPM FACE VELOCITY. MAXIMUM PRESSURE DROP THROUGH EACH RETURN AIR, SUPPLY AIR, ECONOMIZER AIR, AND MIXED AIR OPENING SHALL BE 0.3 INCHES W.C.
K. PROVIDE MOTOR HORSEPOWER TO OVERCOME INTERNAL UNIT STATIC PRESSURE DROP PLUS SPECIFIED EXTERNAL STATIC PRESSURE DROP. NOMINAL MOTOR HP SHALL BE NO LARGER THAN THE FIRST AVAILABLE NOMINAL MOTOR SIZE GREATER THAN THE REQUIRED BHP.
L. DIVISION 28 CONTRACTOR SHALL PROVIDE SMOKE DETECTORS IN RETURN AIR DUCT(S).
M. UNIT SHALL BE DRAW THRU CONFIGURATION.
N. PROVIDE CONCRETE HOUSEKEEPING PAD PER SPECIFICATIONS.
P. SELECT EQUIPMENT FOR ELEVATION OF 1300 FEET ABOVE SEA LEVEL.
Q. ABS. MIN. O/A IS THE ABSOLUTE MINIMUM OUTSIDE AIR CFM USING VENTILATION RESET OR DEMAND CONTROL VENTILATION.
R. DIVISION 23 TEMPERATURE CONTROLS CONTRACTOR SHALL PROVIDE CONTROL VALVE SIZED USING THE SCHEDULED CONTROL VALVE AUTHORITY FLOW COEFFICIENT (Cv).
S. PROVIDE RETURN AIR, RELIEF AIR, AND OUTSIDE AIR DAMPERS.
T. COOLING COIL AND HEATING COIL VALVE Cv IS BASED ON SPECIFIC GRAVITY OF PROPYLENE GLYCOL AT A CONCENTRATION OF 30%.
U. PROVIDE STAGGERED HEATING AND COOLING COILS. COIL PULL CLEARANCE SHALL BE NO MORE THAN 8 FEET.
W. PROVIDE MERV 8 FILTER SECTION UPSTREAM AND DOWNSTREAM OF ENERGY RECOVERY WHEEL.
X. PROVIDE STAGGERED COOLING COIL WITH 12" STAGGER.
Y. PROVIDE STAGGERED HEATING COIL WITH 4" STAGGER.

OCTAVE BAND SOUND POWER LEVELS (dB)

	SUPPLY AIR (Hz) 63	125	250	500	1000	2000	4000	8000	RETURN AIR (Hz) 63	125	250	500	1000	2000	4000	8000	RADIATED 63	125	250	500	1000	2000	4000	8000
AHU 1	90	92	97	91	90	87	84	84	90	92	97	91	90	87	84	84	82	79	80	70	72	57	52	51
AHU 2	93	94	94	99	95	91	89	90	82	82	88	89	78	78	78	73	82	79	76	78	75	60	55	54
AHU 3	87	88	87	94	88	86	84	85	81	81	79	91	78	75	72	71	78	75	69	75	72	57	53	52
AHU 4	93	95	95	100	96	92	90	92	81	81	90	83	78	78	78	72	84	81	76	80	77	62	57	57
AHU 5	93	94	94	98	93	90	87	88	86	82	81	90	76	72	67	65	86	83	78	80	79	63	57	56

MAXIMUM ALLOWABLE EQUIPMENT DIMENSIONS

MARK	LENGTH (INCHES)	WIDTH (INCHES)	HEIGHT (INCHES)	NOTES
AHU 1 SUPPLY	323	96	126	A-B
AHU 1 EXHAUST	152	90	126	A-B
AHU 2	318	99	81	A-B
AHU 3	185	99	69	A-B
AHU 4 SUPPLY	311	84	114	A-B
AHU 4 EXHAUST	148	84	114	A-B
AHU 5	248	132	102	A-B

NOTES:

A. SHIPPING SPLIT SHALL NOT EXCEED 5'-6".
B. HEIGHT INCLUDES 6" BASERAIL.

FAN COIL UNIT SCHEDULE (HYDRONIC COILS)

MARK	MANUFACTURER	MODEL	TYPE	SUPPLY FAN: CFM	ESP (IN)	NOM HP	COOLING COIL: TH (MBH)	SH (MBH)	EAT (°F DB)	LAT (°F DB)	FLOW (GPM)	EWT (°F)	LWT (°F)	VALVE Cv	MAX VEL (FPM)
FCU 1	JCI	FNX08	SUSPENDED	930	0.50	0.33	14.2	14.2	69.0	55.0	2.2	42	56	0.98	550
FCU 2	JCI	FNX06	SUSPENDED	670	0.50	0.33	8.4	8.4	65.0	55.0	1.3	42	56	0.58	550
FCU 3	JCI	FWX-C06	RECESSED FLOOR MOUNTED	600	0.00	0.25	13.3	12.6	65.0	55.0	2.0	42	56	0.93	550
FCU 4	JCI	FWX-C06	FLOOR MOUNTED	600	0.00	0.25	11.8	11.8	75.0	55.0	1.8	42	56	0.8	550
FCU 5	JCI	FW-12	FLOOR MOUNTED	1100	0.00	0.50	34.3	34.3	65.0	55.0	5.2	42	56	2.34	550
FCU 6	JCI	FNX06	SUSPENDED	700	0.50	0.33	7.2	7.2	65.0	55.0	1.1	42	56	0.49	550
FCU 7	JCI	FNX06	SUSPENDED	300	0.50	0.33	5.3	5.3	65.0	55.0	0.9	42	56	0.4	550
FCU 8	JCI	FWX-C04	RECESSED FLOOR MOUNTED	400	0.00	0.25	7.3	7.3	65.0	55.0	1.1	42	56	0.27	550
FCU 9	JCI	FWX-C04	FLOOR MOUNTED	575	0.00	0.25	11.8	11.8	65.0	55.0	1.8	42	56	0.8	550
FCU 10	JCI	FNX14	SUSPENDED	1700	0.50	0.50	31.9	31.9	65.0	55.0	4.9	42	56	2.17	550
FCU 11	JCI	FNX16	SUSPENDED	2000	0.50	0.50	36.0	36.0	65.0	55.0	5.5	42	56	2.43	550
FCU 12	JCI	FNX16	SUSPENDED	2000	0.50	0.50	47.7	47.7	65.0	55.0	7.3	42	56	3.2	550
FCU 13	JCI	FNX16	SUSPENDED	2000	0.50	0.50	47.7	47.7	65.0	55.0	7.3	42	56	3.2	550
FCU 14	JCI	FNX06	SUSPENDED	700	0.50	0.33	8.9	8.9	65.0	55.0	1.4	42	56	0.62	550
FCU 15	JCI	FNX16	SUSPENDED	2000	0.50	0.50	36.0	36.0	65.0	55.0	5.5	42	56	2.4	550
FCU 16	JCI	FNX16	SUSPENDED	2000	0.50	0.50	36.0	36.0	65.0	55.0	5.5	42	56	2.4	550
FCU 17	JCI	FNX16	SUSPENDED	2000	0.50	0.50	36.0	36.0	65.0	55.0	5.5	42	56	2.4	550
FCU 18	JCI	FNX16	SUSPENDED	2000	0.50	0.50	36.0	36.0	65.0	55.0	5.5	42	56	2.4	550
FCU 19	JCI	FNX08	SUSPENDED	900	0.50	0.33	11.1	11.1	65.0	55.0	1.7	42	56	0.75	550
FCU 20	JCI	FNX08	SUSPENDED	900	0.50	0.33	11.1	11.1	65.0	55.0	1.7	42	56	0.75	550
FCU 21	JCI	FNX08	SUSPENDED	900	0.50	0.00	13.2	13.2	65.0	55.0	2.1	42	56	0.93	550
FCU 22	JCI	FNX16	SUSPENDED	2000	0.50	0.50	36.0	36.0	65.0	55.0	5.5	42	56	2.4	550
FCU 23	JCI	FNX16	SUSPENDED	2000	0.50	0.50	36.0	36.0	65.0	55.0	5.5	42	56	2.4	550
FCU 24	JCI	FNX16	SUSPENDED	2000	0.50	0.50	36.0	36.0	65.0	55.0	5.5	42	56	2.4	550
FCU 25	JCI	FNX06	SUSPENDED	670	0.50	0.33	8.9	8.9	65.0	55.0	1.4	42	56	0.62	550
FCU 26	JCI	FNX16	SUSPENDED	2000	0.50	0.50	36.0	36.0	65.0	55.0	5.5	42	56	2.4	550
FCU 27	JCI	FNX16	SUSPENDED	2000	0.50	0.50	36.0	36.0	65.0	55.0	5.5	42	56	2.4	550
FCU 28	JCI	FNX16	SUSPENDED	2000	0.50	0.50	36.0	36.0	65.0	55.0	5.5	42	56	2.4	550
FCU 29	JCI	FNX08	SUSPENDED	1000	0.50	0.33	11.6	11.6	65.0	55.0	1.8	42	56	0.8	550
FCU 30	JCI	FNX16	SUSPENDED	2000	0.50	0.50	36.0	36.0	65.0	55.0	5.5	42	56	2.4	550
FCU 31	JCI	FNX08	SUSPENDED	1000	0.50	0.33	11.3	11.3	65.0	55.0	1.8	42	56	0.8	550
FCU 32	JCI	FNX08	SUSPENDED	1000	0.50	0.33	11.5	11.5	65.0	55.0	1.8	42	56	0.8	550
FCU 33	JCI	FNX06	SUSPENDED	300	0.50	0.33	5.6	5.6	65.0	55.0	0.9	42	56	0.4	550
FCU 34	JCI	FNX16	SUSPENDED	2000	0.50	0.50	36.0	36.0	65.0	55.0	5.5	42	56	2.4	550
FCU 35	JCI	FHP-D12	CEILING CONCEALED DUCTED	800	0.50	0.25	24.0	24.0	65.0	55.0	3.7	42	56	1.64	550
FCU 36	JCI	FNX16	SUSPENDED	2000	0.50	0.50	36.0	36.0	65.0	55.0	5.5	42	56	2.4	550
FCU 37	JCI	FNX06	SUSPENDED	700	0.50	0.33	11.7	11.7	65.0	55.0	1.8	42	56	0.8	550
FCU 38	JCI	FHP-D10	CEILING CONCEALED DUCTED	800	0.50	0.25	24.0	24.0	65.0	55.0	3.7	42	56	1.64	550
FCU 39	JCI	FNX10	SUSPENDED	1000	0.50	0.50	26.3	26.3	65.0	55.0	4.1	42	56	1.82	550
FCU 40	JCI	FNX16	SUSPENDED	2000	0.50	0.50	36.0	36.0	65.0	55.0	5.2	42	56	2.3	550
FCU 41	JCI	FNX06	SUSPENDED	700	0.50	0.33	11.7	11.7	65.0	55.0	1.8	42	56	0.8	550
FCU 42	JCI	FHP-D12	CEILING CONCEALED DUCTED	800	0.50	0.25	24.0	24.0	65.0	55.0	3.7	42	56	1.64	550
FCU 43	MULTI AQUA	MHCFC4E-04	CEILING CASSETTE	320	0.00	0.03	11.8	11.8	75.0	55.0	1.8	42	56	0.8	550
FCU 44	JCI	AHD08	SUSPENDED	400	0.90	0.50	12.0	10.5	80.0	55.0	1.8	42	56	0.8	550
FCU 45	MULTI AQUA	MHCFC4E-04	CEILING CASSETTE	320	0.00	0.03	11.8	11.8	75.0	55.0	1.8	42	56	0.44	550
FCU 46	MULTI AQUA	MHCFC4E-04	CEILING CASSETTE	320	0.00	0.03	6.0	6.0	75.0	55.0	1.0	42	56	0.44	550
FCU 47	MULTI AQUA	MHCFC4E-04	CEILING CASSETTE	320	0.00	0.03	6.0	6.0	75.0	55.0	1.0	42	56	0.44	550
FCU 48	MULTI AQUA	MHCFC4E-04	CEILING CASSETTE	320	0.00	0.03	6.0	6.0	75.0	55.0	1.0	42	56	0.44	550
FCU 49	JCI	AHD08	SUSPENDED	400	0.90	0.50	12.0	10.5	80.0	55.0	1.8	42	56	0.8	550
FCU 50	JCI	AHD08	SUSPENDED	400	0.90	0.50	12.0	10.5	80.0	55.0	1.8	42	56	0.8	550
FCU 51	MULTI AQUA	MHCFC4E-04	CEILING CASSETTE	320	0.00	0.03	11.8	11.8	75.0	55.0	1.8	42	56	0.8	550
FCU 52	MULTI AQUA	MHCFC4E-04	CEILING CASSETTE	320	0.00	0.03	11.8	11.8	75.0	55.0	1.8	42	56	0.8	550
FCU 53	MULTI AQUA	MHCFC4E-04	CEILING CASSETTE	320	0.00	0.03	11.8	11.8	75.0	55.0	1.8	42	56	0.8	550
FCU 54	MULTI AQUA	MHCFC4E-04	CEILING CASSETTE	320	0.00	0.03	11.8	11.8	75.0	55.0	1.8	42	56	0.8	550
FCU 55	JCI	FNX14	SUSPENDED	1700	0.00	0.50	36.0	36.0	75.0	55.0	5.5	42	56	2.4	550
FCU 56	JCI	FNX08	SUSPENDED	500	0.50	0.50	11.7	9.7	96.0	75.0	5.5	42	56	1.8	550
FCU 57	JCI	FNX12	SUSPENDED	1500	0.50	0.50	24.0	24.0	65.0	55.0	3.6	42	56	1.64	550
FCU 58	JCI	FNX08	SUSPENDED	500	0.50	0.50	11.7	9.7	96.0	75.0	5.5	42	56	1.8	550

MARK	HEATING COIL: CAP (MBH)	EAT (°F DB)	LAT (°F DB)	GPM	EWT (°F)	LWT (°F)	VALVE Cv	MAX VEL (FPM)	ELECTRICAL: V/PH	MCA	MOCP	DISC TYPE	STARTER TYPE	WEIGHT (LBS)	NOTES
FCU 1	0.0	0.0	0.0	0.0	0	0	-	0	277/1	3.3 A	15 A	NF	COMBI	200	A-N, R
FCU 2	0.0	0.0	0.0	0.0	0	0	-	0	277/1	3.0 A	15 A	NF	COMBI	200	A-N, R
FCU 3	13.1	70.0	90.0	1.4	120	100	0.62	600	277/1	1.5 A	15 A	NF	COMBI	250	A-E, G-L, Q, R
FCU 4	12.8	70.0	90.0	1.4	120	100	0.62	600	277/1	1.5 A	15 A	NF	COMBI	250	A-E, G-L, Q, R
FCU 5	27.6	70.0	90.0	2.9	120	100	1.33	600	277/1	2.5 A	15 A	NF	COMBI	300	A-E, G-L, Q, R
FCU 6	0.0	0.0	0.0	0.0	0	0	-	0	277/1	3.0 A	15 A	NF	COMBI	200	A-N, R
FCU 7	4.0	70.0	90.0	0.5	120	100	0.22	600	277/1	3.0 A	15 A	NF	COMBI	200	A-N, R
FCU 8	8.1	70.0	90.0	0.9	120	100	0.4	600	277/1	1.0 A	15 A	NF	COMBI	300	A-E, G-L, Q, R, S
FCU 9	12.0	70.0	90.0	1.3	120	100	0.58	600	277/1	1.5 A	15 A	NF	COMBI	300	A-E, G-L, Q, R
FCU 10	0.0	0.0	0.0	0.0	0	0	-	0	277/1	5.9 A	15 A	NF	COMBI	300	A-N, R
FCU 11	0.0	0.0	0.0	0.0	0	0	-	0	277/1	5.9 A	15 A	NF	COMBI	300	A-N, R
FCU 12	11.4	70.0	90.0	1.2	120	100	0.53	600	277/1	5.9 A	15 A	NF	COMBI	300	A-N, R
FCU 13	11.4	70.0	90.0	1.2	120	100	0.53	600	277/1	5.9 A	15 A	NF	COMBI	300	A-N, R
FCU 14	0.0	0.0	0.0	0.0	0	0	-	0	277/1	3.0 A	15 A	NF	COMBI	200	A-N, R
FCU 15	0.0	0.0	0.0	0.0	0	0	-	0	277/1	5.9 A	15 A	NF	COMBI	300	A-N, R
FCU 16	0.0	0.0	0.0	0.0	0	0	-	0	277/1	5.9 A	15 A	NF	COMBI	300	A-N, R
FCU 17	0.0	0.0	0.0	0.0	0	0	-	0	277/1	5.9 A	15 A	NF	COMBI	300	A-N, R
FCU 18	0.0	0.0	0.0	0.0	0	0	-	0	277/1	5.9 A	15 A	NF	COMBI	300	A-N, R
FCU 19	0.0	0.0	0.0	0.0	0	0	-	0	277/1	3.3 A	15 A	NF	COMBI	200	A-N, R
FCU 20	0.0	0.0	0.0	0.0	0	0	-	0	277/1	3.3 A	15 A	NF	COMBI	200	A-N, R
FCU 21	0.0	0.0	0.0	0.0	0	0	-	0	277/1	3.3 A	15 A	NF	COMBI	200	A-N, R
FCU 22	0.0	0.0	0.0	0.0	0	0	-	0	277/1	5.9 A	15 A	NF	COMBI	300	A-N, R
FCU 23	0.0	0.0	0.0	0.0	0	0	-	0	277/1	5.9 A	15 A	NF	COMBI	300	A-N, R
FCU 24	0.0	0.0	0.0	0.0	0	0	-	0	277/1	5.9 A	15 A	NF	COMBI	300	A-N, R
FCU 25	0.0	0.0	0.0	0.0	0	0	-	0	277/1	3.0 A	15 A	NF	COMBI	200	A-N, R
FCU 26	0.0	0.0	0.0	0.0	0	0	-	0	277/1	5.9 A	15 A	NF	COMBI	300	A-N, R
FCU 27	0.0	0.0	0.0	0.0	0	0	-	0	277/1	5.9 A	15 A	NF	COMBI	300	A-N, R
FCU 28	0.0	0.0	0.0	0.0	0	0	-	0	277/1	5.9 A	15 A	NF	COMBI	300	A-N, R
FCU 29	0.0	0.0	0.0	0.0	0	0	-	0	277/1	3.3 A	15 A	NF	COMBI	200	A-N, R
FCU 30	0.0	0.0	0.0	0.0	0	0	-	0	277/1	5.9 A	15 A	NF	COMBI	300	A-N, R
FCU 31	0.0	0.0	0.0	0.0	0	0	-	0	277/1	3.3 A	15 A	NF	COMBI	200	A-N, R
FCU 32	0.0	0.0	0.0	0.0	0	0	-	0	277/1	3.3 A	15 A	NF	COMBI	200	A-N, R
FCU 33	0.0	0.0	0.0	0.0	0	0	-	0	277/1	3.0 A	15 A	NF	COMBI	200	A-N, R
FCU 34	0.0	0.0	0.0	0.0	0	0	-	0	277/1	5.9 A	15 A	NF	COMBI	300	A-N, R
FCU 35	0.0	0.0	0.0	0.0	0	0	-	0	277/1	2.0 A	15 A	NF	COMBI	150	A-L, N, P, R
FCU 36	0.0	0.0	0.0	0.0	0	0	-	0	277/1	5.9 A	15 A	NF	COMBI	300	A-N, R
FCU 37	0.0	0.0	0.0	0.0	0	0	-	0	277/1	3.0 A	15 A	NF	COMBI	200	A-N, R
FCU 38	0.0	0.0	0.0	0.0	0	0	-	0	277/1	2.0 A	15 A	NF	COMBI	150	A-L, N, P, R
FCU 39	0.0	0.0	0.0	0.0	0	0	-	0	277/1	3.3 A	15 A	NF	COMBI	300	A-N, R
FCU 40	0.0	0.0	0.0	0.0	0	0	-	0	277/1	5.9 A	15 A	NF	COMBI	300	A-N, R
FCU 41	0.0	0.0	0.0	0.0	0	0	-	0	277/1	3.0 A	15 A	NF	COMBI	200	A-N, R
FCU 42	0.0	0.0	0.0	0.0	0	0	-	0	277/1	2.0 A	15 A	NF	COMBI	150	A-L, N, P, R
FCU 43	12.8	70.0	90.0	1.4	120	100	0.62	600	208/1	0.5 A	1 A	NF	COMBI	75	A-L, R
FCU 44	23.8	30.0	85.0	2.5	120	100	1.14	600	277/1	4.1 A	15 A	NF	COMBI	250	A-L, N, P, R
FCU 45	12.8	70.0	90.0	1.4	120	100	0.62	600	208/1	0.5 A	1 A	NF	COMBI	75	A-L, R
FCU 46	14.0	70.0	90.0	1.5	120	100	0.67	600	208/1	0.5 A	1 A	NF	COMBI	75	A-L, R
FCU 47	14.0	70.0	90.0	1.5	120	100	0.67	600	208/1	0.5 A	1 A	NF	COMBI	75	A-L, R
FCU 48	14.0	70.0	90.0	1.5	120	100	0.67	600	208/1	0.5 A	1 A	NF	COMBI	75	A-L, R
FCU 49	23.8	30.0	85.0	2.5	120	100	1.14	600	277/1	4.1 A	15 A	NF	COMBI	250	A-L, N, P, R
FCU 50	23.8	30.0	85.0	2.5	120	100	1.14	600	277/1	4.1 A	15 A	NF	COMBI	250	A-L, N, P, R
FCU 51	12.8	70.0	90.0	1.4	120	100	0.62	600	208/1	0.5 A	1 A	NF	COMBI	75	A-L, R
FCU 52	12.8	70.0	90.0	1.4	120	100	0.62	600	208/1	0.5 A	1 A	NF	COMBI	75	A-L, R
FCU 53	12.8	70.0	90.0	1.4	120	100	0.62	600	208/1	0.5 A	1 A	NF	COMBI	75	A-L, R
FCU 54	12.8	70.0	90.0	1.4	120	100	0.62	600	208/1	0.5 A	1 A	NF	COMBI	75	A-L, R
FCU 55	24.0	70.0	90.0	2.6	120	100	1.14	600	277/1	5.9 A	15 A	NF	COMBI	300	A-N, R
FCU 56	27.0	0.0	50.0	2.9	120	100	0.53	600	277/1	5.0 A	15 A	NF	COMBI	300	A-N, R
FCU 57	14.0	70.0	90.0	4.9	120	100	0.53	600	277/1	5.0 A	15 A	NF	COMBI	300	A-N, R
FCU 58	27.0	0.0	50.0	2.9	120	100	0.53	600	277/1	5.0 A	15 A	NF	COMBI	300	A-N, R

MODEL NUMBERS SHALL NOT BE CONSIDERED COMPLETE AND MATERIAL SHALL NOT BE ORDERED BY MANUFACTURER AND MODEL NUMBERS ONLY. REVIEW THE COMPLETE DESCRIPTION, NOTES AND SPECIFICATIONS TO DETERMINE THE EXACT MATERIAL AND ACCESSORIES TO BE ORDERED. THE MANUFACTURERS LISTED ARE THE BASIS FOR THE DESIGN.

NOTES:

A. PROVIDE PRE-MANUFACTURED OR FIELD FABRICATED FILTER RACK ON UNIT RETURN AIR INLET WITH 2" MERV 8, PLEATED THROWAWAY FILTERS. FILTERS SHALL BE ACCESSIBLE FROM SERVICE SIDE OF UNIT. BOTTOM ACCESS FILTER RACK IS NOT PERMITTED.
B. PROVIDE WITH BACNET CAPABILITY. FCU WILL BE TIED INTO THE BUILDINGS BAS.
C. PROVIDE FACTORY MOUNTED DISCONNECT INSTALLED ON SERVICE SIDE OF UNIT.
D. SPECIFIED FAN ESP ACCOUNTS FOR DUCT LOSSES EXTERNAL TO UNIT. FILTER LOSS IS AT A MAXIMUM OF 400 FPM FACE VELOCITY.
E. PROVIDE MOTOR HORSEPOWER TO OVERCOME INTERNAL UNIT STATIC PRESSURE DROP PLUS SPECIFIED EXTERNAL STATIC PRESSURE DROP. NOMINAL MOTOR HP SHALL BE NO LARGER THAN THE FIRST AVAILABLE NOMINAL MOTOR SIZE GREATER THAN THE REQUIRED HP.
F. PROVIDE WITH SPRING VIBRATION ISOLATION AND ALL-THREAD HANGING RODS.
G SELECT EQUIPMENT FOR ELEVATION OF 1300 FEET ABOVE SEA LEVEL.
H. PROVIDE UNIT WITH MANUFACTURER'S INTEGRAL FLOOD DETECTOR IN PRIMARY DRAIN PAN THAT WILL SHUT OFF UNIT WHEN PRIMARY DRAIN IS BLOCKED.
J. DIVISION 23 TEMPERATURE CONTROLS CONTRACTOR SHALL PROVIDE CONTROL VALVE SIZED USING THE SCHEDULED CONTROL VALVE AUTHORITY FLOW COEFFICIENT (Cv).
K. VALVE Cv IS BASED ON SPECIFIC GRAVITY OF PROPYLENE GLYCOL AT A CONCENTRATION OF 30%.
L. DIVISION 23 TEMPERATURE CONTROLS CONTRACTOR SHALL PROVIDE TEMPERATURE SENSOR. REFER TO HVAC DRAWINGS FOR LOCATIONS.
M. PROVIDE WITH BOTTOM INLET CONNECTION.
N. PROVIDE WITH FRONT OUTLET CONNECTION.
P. PROVIDE WITH BACK INLET CONNECTION.
Q. PROVIDE FLOOR MOUNTED FCUs WITH POWDER COATING FINISH FOR FIELD PAINTING. COORDINATE WITH ARCHITECT ON FINAL COLOR TO BE FIELD PAINTED.
R. REFER TO DIV 22 DRAWINGS FOR CONDENSATE DESIGN.
S. FAN COIL UNIT SHALL SHUT DOWN UPON PUMP FAILURE. COORDINATE SHUT DOWN SEQUENCE WITH CONTROLS CONTRACTOR.

FAN SCHEDULE

MARK	SERVICE DESCRIPTION	MANUFACTURER	MOUNTING	MODEL	CFM	ESP (IN)	NOM HP	FAN RPM	DRIVE (BELT/DIRECT)	VFD (Y/N)	ELECTRICAL: V/PH	DISC TYPE	STARTER TYPE	WEIGHT (LBS)	NOTES
DF 1	DESTRATIFICATION	AIRIUS	SUSPENDED	DP-15-SH-120-X	600	0.1	0.10	1057	DIRECT	No	120/1	PLUG	N/A	15	F,S
DF 1	DESTRATIFICATION	AIRIUS	SUSPENDED	DP-15-SH-120-X	600	0.1	0.10	1057	DIRECT	No	120/1	PLUG	N/A	15	F,S
DF 1	DESTRATIFICATION	AIRIUS	SUSPENDED	DP-15-SH-120-X	600	0.1	0.10	1057	DIRECT	No	120/1	PLUG	N/A	15	F,S
DF 1	DESTRATIFICATION	AIRIUS	SUSPENDED	DP-15-SH-120-X	600	0.1	0.10	1057	DIRECT	No	120/1	PLUG	N/A	15	F,S
DF 1	DESTRATIFICATION	AIRIUS	SUSPENDED	DP-15-SH-120-X	600	0.1	0.10	1057	DIRECT	No	120/1	PLUG	N/A	15	F,S
DF 1	DESTRATIFICATION	AIRIUS	SUSPENDED	DP-15-SH-120-X	600	0.1	0.10	1057	DIRECT	No	120/1	PLUG	N/A	15	F,S
EF 1	PARKING GARAGE	GREENHECK	INLINE	AX-80-275-0626	22500	1.0	15.00	1770	DIRECT	Yes	480/3	NF	VFD	400	E,F,G,J,M,K
EF 2	PARKING GARAGE	GREENHECK	INLINE	AX-80-275-0626	22500	1.0	15.00	1770	DIRECT	Yes	480/3	NF	VFD	400	E,F,G,J,M,K
EF 3	GENERAL EXH	GREENHECK	INLINE	SQ-160VG	3180	0.7	2.00	1725	DIRECT	No	208/1	NF	VG	200	E,F,G,M,P,Q,R
EF 4	GENERAL EXH	GREENHECK	ROOF - DOWNBLAST	GB-240HP-VGD	6075	1.1	3.00	1137	DIRECT	No	480/3	NF	VG	225	A,E,G,M,P,Q,R
EF 5	MAKER SPACE	GREENHECK	INLINE	SQ-99-VG	450	0.9	0.25	1725	DIRECT	No	120/1	NF	VG	150	E,F,G,M,P,Q,R
EF 6	BIO-HAZARD	GREENHECK	INLINE	SQ-90-VG	250	0.3	0.10	1124	DIRECT	No	120/1	NF	VG	200	E,F,G,M,P,Q,R
JF 1	PARKING GARAGE	GREENHECK	STRUCTURE	GJI-26	2130	0.0	0.50	3500	DIRECT	No	277/1	NF	ECM	200	E, F, G, P, Q, R, U
JF 2	PARKING GARAGE	GREENHECK	STRUCTURE	GJI-26	2130	0.0	0.50	3500	DIRECT	No	277/1	NF	ECM	200	E, F, G, P, Q, R, U
JF 3	PARKING GARAGE	GREENHECK	STRUCTURE	GJI-26	2130	0.0	0.50	3500	DIRECT	No	277/1	NF	ECM	200	E, F, G, P, Q, R, U
KEF 1	KITCHEN HOOD	GREENHECK	ROOF - UPBLAST	CUE-200HP-A-VGD	4535	1.8	5.00	1725	DIRECT	No	480/3	NF	VG	200	B,G,M,P,Q,R,Y
KEF 2	DISHWASHER HOOD	GREENHECK	ROOF - UPBLAST	CUE-099-VG	750	0.8	0.25	1725	DIRECT	No	120/1	NF	VG	60	A,G,M,Q,E,T,Y
RF 1	RELIEF FAN	GREENHECK	ROOF	RCE3-54-323-VG	25000	0.5	10.00	771	DIRECT	No	480/3	NF	VG	1000	A,E,G,M,P,Q,R
RF 2	RELIEF FAN	GREENHECK	INLINE	SQ-27-M2-VG	10000	0.7	5.00	774	DIRECT	No	480/3	NF	VG	350	E,F,G,M,P,Q,R

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NOTES:

A. PROVIDE INSULATED ROOF CURB WITH MINIMUM HEIGHT REQUIRED TO MAINTAIN BOTTOM OF EQUIPMENT A MINIMUM OF 16 INCHES ABOVE FINISHED ROOF SURFACE. PROVIDE SLOPED CURB IF NEEDED TO MATCH ROOF SLOPE. COORDINATE WITH ROOF INSULATION THICKNESS AND ROOF TAPER AT INSTALLED LOCATION. COORDINATE CURB TYPE WITH DRAWINGS.
B. PROVIDE GREASE EXHAUST FAN WITH ROOF CURB EXTENSION FOR 40 INCH MINIMUM DISCHARGE HEIGHT ABOVE ROOF SURFACE OR AT ELEVATION HIGHER THAN ADJACENT BUILDING STRUCTURE WITHIN 10 FEET WHICHEVER IS GREATER, GREASE TRAP WITH ABSORBANT MATERIAL AND DRAIN CONNECTION, HINGE KIT, ACCESS PORT FOR CLEANING FAN BLADES AND INTEGRAL MOTOR OVERLOAD PROTECTION.
E. PROVIDE BIRDSCREEN AND MOTORIZED DAMPER.
F. PROVIDE WITH SPRING VIBRATION ISOLATION AND ALL-THREAD HANGING RODS.
G. PROVIDE FACTORY MOUNTED DISCONNECT SWITCH.
H. DIVISION 26 CONTRACTOR SHALL PROVIDE STARTER.
J. VARIABLE FREQUENCY DRIVE TO BE FURNISHED BY DIVISION 23 CONTRACTOR.
M. PROVIDE SHAFT GROUNDING SYSTEM ON MOTOR. REFER TO MOTOR SPECIFICATION FOR ADDITIONAL INFORMATION.
P. PROVIDE WITH MANUFACTURER'S FAN SPEED CONTROLLER FOR BALANCING PURPOSES.
Q. PROVIDE WITH MANUFACTURER'S ELECTRONICALLY COMMUTATED (EC) MOTOR.
R. NOMINAL MOTOR HP SHALL BE NO LARGER THAN THE FIRST AVAILABLE NOMINAL MOTOR SIZE GREATER THAN THE BHP
S. PROVIDE TRIAC-SMART-7.5 SPEED CONTROLLER. ONE CONTROLLER PER 3 FANS. REFER TO DRAWINGS FOR LOCATION.
T. PROVIDE WITH MANUFACTURER'S HOA CONTROLLER TO INTEGRATE FAN WITH KITCHEN EQUIPMENT. REFER TO CONTROLS DRAWINGS FOR SOO.
U. PROVIDE WITH LOW PROFILE MODEL. MAXIMUM FAN HEIGHT MUST NOT EXCEED 12". FAN MUST BE MOUNTED TIGHT TO STRUCTURE. PROVIDE NECESSARY SUPPORTS TO PREVENT FAN FROM SWAYING.
Y. COORDINATE EQUIPMENT CONNECTION REQUIREMENTS WITH KITCHEN EQUIPMENT CONTROLS MANUFACTURER TO INTERLOCK FAN WITH HOOD CONTROL SYSTEM.

GRILLE, REGISTER AND DIFFUSER SCHEDULE

MARK	MANUFACTURER	MODEL	CONSTRUCTION TYPE	FACE TYPE	MOUNTING LOCATION	FACE SIZE (IN)	MAX NC	MAX PRESS DROP (IN W.C.)	NOTES
DL-1	PRICE	HCD	STEEL	DRUM LOUVER	WALL	REFER TO PLANS	30	0.08	B, D, F, G, H, U
EG-1	PRICE	530	STEEL	LOUVERED	CEILING	REFER TO PLANS	30	0.08	B, D, E, F, G, H
EG-2	PRICE	PDR	STEEL	PERFORATED	CEILING	24"x24"	30	0.08	B, C, F, G, H, I
EG-3	PRICE	PDR	STEEL	PERFORATED	CEILING	12"x12"	30	0.08	B, C, F, G, H, I
EG-4	PRICE	530	STEEL	LOUVERED	CEILING	REFER TO PLANS	30	0.08	B, C, D, E, F, G, H
EG-5	PRICE	530	STEEL	LOUVERED	DUCT	60" 2-SLOT	30	0.08	B, C, D, E, F, G, H
LED-1	PRICE	SDB - SDR100	STEEL	SLOT	GYP CEILING	24" 2-SLOT	30	0.08	B, C, F, G, H, I, J, L, M, N
LED-2	PRICE	SDB - SDR150	STEEL	SLOT	LAY-IN CEILING	48" 2-SLOT	30	0.08	B, C, F, G, H, I, J, M, N
LED-3	PRICE	SDB - SDR100	ALUMINUM	SLOT	GYP CEILING	24" 2-SLOT	30	0.08	B, C, F, G, H, I, J, L, M, N
LED-4	PRICE	SDB - SDR150	ALUMINUM	SLOT	GYP CEILING	48" 2-SLOT	30	0.08	B, C, F, G, H, I, J, L, M, N
LED-5	PRICE	SDB - SDR150	STEEL	SLOT	GYP CEILING	48" 2-SLOT	30	0.08	B, C, F, G, H, I, J, L, M, N
LSD-1	PRICE	SDB - SDS100	STEEL	SLOT, CLAM SHELL	LAY-IN CEILING	60" 2-SLOT	30	0.08	B, C, F, G, H, I, J, M, N
LSD-2	PRICE	SDB - SDS50	STEEL	SLOT, CLAM SHELL	LAY-IN CEILING	48" 2-SLOT	30	0.08	B, C, F, G, H, I, J, M, N
LSD-3	PRICE	SDB - SDS100	STEEL	SLOT, CLAM SHELL	LAY-IN CEILING	24" 2-SLOT	30	0.08	B, C, F, G, H, I, J, M, N
LSD-4	PRICE	SDB - SDS100	STEEL	SLOT, CLAM SHELL	GYP CEILING	48" 3-SLOT	30	0.08	B, C, F, G, H, I, J, L, M, N
LSD-5	PRICE	SDB - SDS100	STEEL	SLOT, CLAM SHELL	LAY-IN CEILING	48" 2-SLOT	30	0.08	B, C, F, G, H, I, J, M, N
LSD-6	PRICE	SDB - SDS150	STEEL	SLOT, CLAM SHELL	GYP CEILING	60" 2-SLOT	30	0.08	B, C, F, G, H, I, J, L, M, N
LSD-7	PRICE	SDB - SDS100	STEEL	SLOT, CLAM SHELL	LAY-IN CEILING	48" 1-SLOT	30	0.08	B, C, F, G, H, I, J, M, N
LSD-8	PRICE	SDB - SDS100	STEEL	SLOT, CLAM SHELL	GYP CEILING	36" 2-SLOT	30	0.08	B, C, F, G, H, I, J, L, M, N
LSD-9	PRICE	SDB - SDS100	STEEL	SLOT, CLAM SHELL	LAY-IN CEILING	48" 3-SLOT	30	0.08	B, C, F, G, H, I, J, M, N
LSD-10	PRICE	SDB - SDS100	STEEL	SLOT, JET THROW	WALL FACE	48" 2-SLOT	30	0.08	B, C, F, G, H, I, J, L, M, N
LSD-11	PRICE	SDB - SDS100	STEEL	SLOT, CLAM SHELL	GYP CEILING	48" 1-SLOT	30	0.08	B, C, F, G, H, I, J, L, M, N
LSD-12	PRICE	SDB - SDS100	STEEL	SLOT, CLAM SHELL	GYP CEILING	60" 2-SLOT	30	0.08	B, C, F, G, H, I, J, L, M, N
LSD-13	PRICE	SDB - SDS100	STEEL	SLOT, JET THROW	WALL FACE	48" 3-SLOT	30	0.08	B, C, F, G, H, I, J, L, M, N
LSD-14	PRICE	SDB - SDS100	STEEL	SLOT, CLAM SHELL	SUSPENDED	48" 2-SLOT	30	0.08	B, C, F, G, H, I, J, M, N,S
LSD-15	PRICE	SDB - SDS100	STEEL	SLOT, CLAM SHELL	SUSPENDED	48" 2-SLOT	30	0.08	B, C, F, G, H, I, J, M, N,S
LSD-16	PRICE	SDB - SDS100	STEEL	SLOT, CLAM SHELL	GYP CEILING	48" 2-SLOT	30	0.08	B, C, F, G, H, I, J, L, M, N
LSD-17	PRICE	SDB - SDS100	STEEL	SLOT, CLAM SHELL	GYP CEILING	24" 2-SLOT	30	0.08	B, C, F, G, H, I, J, L, M, N
LSD-18	PRICE	SDB - SDS50	STEEL	SLOT, CLAM SHELL	ARMSTRONG WOOD SLAT CEILING - TEAM BASED LEARNING HALL	48" 2-SLOT	30	0.08	B, C, F, G, H, I, J, M, N, T
LSD-19	PRICE	SDB - SDS100	STEEL	SLOT, CLAM SHELL	SUSPENDED	60" 2-SLOT	30	0.08	B, C, F, G, H, I, J, L, M, N,S
LSD-20	PRICE	SDB - SDS100	STEEL	SLOT, CLAM SHELL	LAY-IN CEILING	36" 2-SLOT	30	0.08	B, C, F, G, H, I, J, M, N
LSD-21	PRICE	SDB - SDS50	STEEL	SLOT, CLAM SHELL	ARMSTRONG WOOD SLAT CEILING - LEVEL 2	48" 2-SLOT	30	0.08	B, C, F, G, H, I, J, M, N, T
LSD-22	PRICE	SDB - SDS100	STEEL	SLOT, CLAM SHELL	ARMSTRONG WOOD SLAT CEILING - LEVEL 2	36" 2-SLOT	30	0.08	B, C F, G, H, I, J, M, N, T
3 LSD-23	PRICE	SDB - SDS100	STEEL	SLOT, JET THROW	WALL FACE - MUDDED	48" 3-SLOT	30	0.08	B, C, F, G, H, I, J, M, N
LSD-24	PRICE	SDB - SDS100	STEEL	SLOT, CLAM SHELL	WALL FACE - MUDDED	60" 2-SLOT	30	0.08	B, C, F, G, H, I, J, M, N
LSD-25	PRICE	CFP - AS100	STEEL	SLOT, HIGH THROW	WALL FACE - MUDDED	72" 2-SLOT	30	0.08	B, C, F, G, H, I, J, M, N
LSR-1	PRICE	SDR100	STEEL	SLOT	CEILING	CONTINUOUS 3-SLOT	30	0.08	B, C, F, G, H, I, J, L, M, N
LSR-2	PRICE	SDR150	STEEL	SLOT	CEILING	CONTINUOUS 3-SLOT	30	0.08	B, C, F, G, H, I, J, L, M, N
RG-1	PRICE	PDR	STEEL	PERFORATED	CEILING	24"x24"	30	0.05	B, C, F, G, H
RG-2	PRICE	PDR	STEEL	PERFORATED	CEILING	24"x12"	30	0.05	B, C, F, G, H
RG-3	PRICE	530	STEEL	LOUVERED	WALL	REFER TO PLANS	30	0.05	B, C, D, E, F, G, H
RG-4	PRICE	LFG	STEEL	LOUVERED	FLOOR	REFER TO PLANS	30	0.05	B, C, D, E, F, G, H
SD-1	PRICE	SCD	STEEL	SQUARE CONED	CEILING	24"x24"	30	0.08	A, B, C, F, G, H
SD-2	PRICE	SCD	STEEL	SQUARE CONED	CEILING	12"x12"	30	0.08	A, B, C, F, G, H
SG-1	PRICE	520	STEEL	LOUVERED	DUCT	REFER TO PLANS	30	0.08	B, D, E, F, G, H
SG-2	PRICE	520	STEEL	LOUVERED	WALL	REFER TO PLANS	30	0.08	B, C, D, E, F, G, H
SG-3	PRICE	LFG	STEEL	LOUVERED	FLOOR	REFER TO PLANS	30	0.08	B, C, D, E, F, G, H
~~TG-1~~	~~PRICE~~	~~530~~	~~STEEL~~	~~LOUVERED~~	~~WALL~~	~~REFER TO PLANS~~	~~30~~	~~0.08~~	~~B, C, D, E, F, G, H~~
4 UP	PRICE	UP	STEEL	OPEN	SUSPENDED	5FT	30	0.08	B, I

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NOTES:

A. 4-WAY THROW PATTERN UNLESS OTHERWISE INDICATED BY FLOW ARROWS ON DRAWINGS. PROVIDE ONE SPARE LOOSE BLANK-OFF DEFLECTOR PER DIFFUSER FOR USE DURING BALANCING AS REQUIRED.
B. NECK SIZE SHOWN ON DRAWINGS. PROVIDE BRANCH DUCT TO MATCH NECK SIZE UNLESS OTHERWISE SHOWN ON DRAWINGS.
C. PROVIDE WHITE PAINTABLE PRIME COAT FINISH. ARCHITECT TO COORDINATE FINAL COLOR SELECTION.
D. FRONT BLADES PARALLEL TO LONG DIMENSION.
E. DOUBLE DEFLECTION BARS SHALL BE ADJUSTABLE.
F. FRAME TYPE TO MATCH CEILING/WALL CONSTRUCTION, COORDINATE WITH ARCHITECTURAL REFLECTED CEILING/WALL PLAN.
G. PROVIDE BORDER TYPE TO MATCH CEILING CONSTRUCTION WITH FLANGE MOUNTING, AND INSULATED PLENUM BOX WITH NECK.
H. PROVIDE DIFFUSERS, LINEAR SLOTS, AND GRILLES WITH NO EXPOSED MOUNTING SCREWS.
I. PAINT ALL INTERIOR SURFACES SLOTS, GRILLES AND PLENUMS FLAT BLACK.
J. SUPPLY PLENUM MAY BE FIELD FABRICATED BASED ON PROVIDED DETAILS, OR PURCHASED FROM THE SLOT DIFFUSER MANUFACTURER. PROVIDE 1/4" CLOSED CELL INSULATION ON THE INTERIOR OF THE SUPPLY PLENUM.
L. PROVIDE WITH RAPID MOUNT FRAMING OPTION FOR LAY-IN TYPE DIFFUSERS INSTALLED IN A HARD CEILING.
M. PROVIDE LINEAR SLOT DIFFUSER WITH FACTORY-FABRICATED BLANK-OFF PLATES WHERE NOTED ON THE PLANS.
N. PROVIDE LINEAR SLOT DIFFUSER WITH FACTORY-FABRICATED LIGHT SHIELDS.
O. PROVIDE LINEAR FLOOR GRILLE PLENUM WITH LINEAR FLOOR GRILLE.
P. ARCHITECT TO SELECT LINEAR FLOOR GRILLE MOUNTING OPTION.
Q. PROVIDE LINEAR FLOOR GRILLE WITH PENCIL PROOF SPACING.
R. ARCHITECT TO SELECT FINISH AND COLOR OF LINEAR FLOOR GRILLE.
S. PROVIDE TYPE 2 FLUSH FIXTURE CONCEALED MOUNTING.
T. REFER TO ARCHITECTURAL CEILING PLANS AND SPECIFICATIONS FOR FURTHER INFORMATION ON ARMSTRONG CEILING TYPE.
U. FINAL COLOR SHALL BE SELECTED BY ARCHITECT.

ROOF HOOD SCHEDULE

MARK	SERVICE (INTAKE, EXHAUST)	MANUFACTURER	MODEL	CFM	MAX THROAT VEL (FPM)	MAX APD (IN)	THROAT (L" x W")	CURB (L" x W")	WEIGHT (LBS)	NOTES
IH 1	INTAKE	GREENHECK	EHH-601PD-78X104	28000	500	0.09	104X78	118X92	1200	ALL

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NOTES:

A. PROVIDE WITH INTEGRAL BIRDSCREEN 1/4" ALUMINUM BIRDSCREEN.
B. PROVIDE INSULATED ROOF CURB WITH MINIMUM HEIGHT REQUIRED TO MAINTAIN BOTTOM OF EQUIPMENT A MINIMUM OF 8 INCHES ABOVE FINISHED ROOF SURFACE. PROVIDE SLOPED CURB IF NEEDED TO MATCH ROOF SLOPE. COORDINATE WITH ROOF INSULATION THICKNESS AND ROOF TAPER AT INSTALLED LOCATION. COORDINATE CURB TYPE WITH DRAWINGS.
C. PROVIDE INTEGRAL MOTORIZED DAMPER.

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993A

Henderson Job Number:
2150002607

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 11393
AARON S. COOPER
03/21/2024

AWSOM
Bentonville, AR

Issue Date:
02.24.2023

REVISIONS

NUMBER	DATE	DESCRIPTION
1	03.10.23	Addendum 1
2	06.09.23	Addendum 2
3	01.29.24	PR-031
4	03.21.24	PR-042

Contents:
MECHANICAL SCHEDULES

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VARIABLE AIR VOLUME TERMINAL SCHEDULE (HYDRONIC HEAT) AHU 1

MARK	SERVED FROM	MANUFACTURER	MODEL	INLET SIZE (IN)	PRIMARY CFM	MIN PRIM CFM	MIN HEAT CFM	MAX HEAT CFM	HEATING COIL HTG EWT	HTG LWT	EAT	LAT	MBH	GPM	ROW	WPD (FT)	CV	V/PH	SOUND POWER RADIATED	DISCHARGE	CONTROL TYPE	NOTES
VAV 1-01	AHU-1	PRICE	SDV	8"	250	125	125	125	120 °F	100 °F	55.0	85.0	4.1	1.0	2	5.00	0.44	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 1-02	AHU-1	PRICE	SDV	8"	250	125	125	125	120 °F	100 °F	55.0	85.0	4.1	1.0	2	5.00	0.44	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 1-03	AHU-1	PRICE	SDV	8"	650	195	195	325	120 °F	100 °F	55.0	85.0	10.5	2.5	2	5.00	1.1	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 1-04	AHU-1	PRICE	SDV	8"	530	159	159	265	120 °F	100 °F	55.0	85.0	8.6	2.1	2	5.00	0.93	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 1-05	AHU-1	PRICE	SDV	6"	160	65	48	80	120 °F	100 °F	55.0	85.0	2.6	0.6	2	5.00	0.27	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 1-06	AHU-1	PRICE	SDV	6"	160	65	65	80	120 °F	100 °F	55.0	85.0	2.6	0.6	2	5.00	0.27	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 1-07	AHU-1	PRICE	SDV	8"	210	125	125	125	120 °F	100 °F	55.0	85.0	3.4	0.8	2	5.00	0.35	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 1-08	AHU-1	PRICE	SDV	8"	260	78	78	130	120 °F	100 °F	55.0	85.0	4.2	1.0	2	5.00	0.44	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 1-09	AHU-1	PRICE	SDV	6"	100	65	65	65	120 °F	100 °F	55.0	85.0	1.6	0.5	2	5.00	0.22	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 1-10	AHU-1	PRICE	SDV	8"	610	183	183	305	120 °F	100 °F	55.0	85.0	9.9	2.4	2	5.00	1.06	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 1-11	AHU-1	PRICE	SDV	10"	1090	545	545	545	120 °F	100 °F	55.0	85.0	17.7	4.2	2	5.00	1.86	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 1-12	AHU-1	PRICE	SDV	4"	90	50	50	50	120 °F	100 °F	55.0	85.0	1.5	0.5	2	5.00	0.22	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 1-13	AHU-1	PRICE	SDV	14"	2040	1020	1020	1020	120 °F	100 °F	55.0	85.0	33.0	7.9	2	5.00	3.5	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 1-14	AHU-1	PRICE	SDV	8"	400	125	125	200	120 °F	100 °F	55.0	85.0	6.5	1.6	2	5.00	0.71	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 1-15	AHU-1	PRICE	SDV	8"	410	205	205	205	120 °F	100 °F	55.0	85.0	6.6	1.6	2	5.00	0.71	24/1	35	35	CONSTANT VOLUME	A-M
VAV 1-16	AHU-1	PRICE	SDV	8"	270	125	125	135	120 °F	100 °F	55.0	85.0	4.4	1.1	2	5.00	0.49	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 1-17	AHU-1	PRICE	SDV	14"	1710	513	513	855	120 °F	100 °F	55.0	85.0	27.7	6.7	2	5.00	2.97	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 1-18	AHU-1	PRICE	SDV	8"	470	141	141	235	120 °F	100 °F	55.0	85.0	7.6	1.8	2	5.00	0.79	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 1-19	AHU-1	PRICE	SDV	10"	850	255	255	425	120 °F	100 °F	55.0	85.0	13.8	3.3	2	5.00	1.46	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 1-20	AHU-1	PRICE	SDV	10"	860	258	258	430	120 °F	100 °F	55.0	85.0	13.9	3.3	2	5.00	1.46	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 1-21	AHU-1	PRICE	SDV	8"	490	147	147	245	120 °F	100 °F	55.0	85.0	7.9	1.9	2	5.00	0.84	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 1-22	AHU-1	PRICE	SDV	16"	2550	765	765	1275	120 °F	100 °F	55.0	85.0	41.3	9.9	2	5.00	4.4	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 1-23	AHU-1	PRICE	SDV	12"	1230	369	369	615	120 °F	100 °F	55.0	85.0	19.9	4.8	2	5.00	2.13	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 1-24	AHU-1	PRICE	SDV	12"	1380	414	414	690	120 °F	100 °F	55.0	85.0	22.4	5.4	2	5.00	2.39	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 1-25	AHU-1	PRICE	SDV	12"	1380	414	414	690	120 °F	100 °F	55.0	85.0	22.4	5.4	2	5.00	2.39	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 1-26	AHU-1	PRICE	SDV	16"	2570	771	771	1285	120 °F	100 °F	55.0	85.0	41.6	10.0	2	5.00	4.4	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 1-27	AHU-1	PRICE	SDV	6"	130	65	65	65	120 °F	100 °F	55.0	85.0	2.1	0.5	2	5.00	0.22	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 1-28	AHU-1	PRICE	SDV	10"	990	297	297	495	120 °F	100 °F	55.0	85.0	16.0	3.9	2	5.00	1.73	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 1-29	AHU-1	PRICE	SDV	10"	990	297	297	495	120 °F	100 °F	55.0	85.0	16.0	3.9	2	5.00	1.73	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 1-30	AHU-1	PRICE	SDV	12"	1210	363	363	605	120 °F	100 °F	55.0	85.0	19.6	4.7	2	5.00	2.08	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 1-31	AHU-1	PRICE	SDV	10"	970	291	291	485	120 °F	100 °F	55.0	85.0	15.7	3.8	2	5.00	1.68	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 1-32	AHU-1	PRICE	SDV	10"	1080	324	324	540	120 °F	100 °F	55.0	85.0	17.5	4.2	2	5.00	1.86	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 1-33	AHU-1	PRICE	SDV	8"	690	207	207	345	120 °F	100 °F	55.0	85.0	11.2	2.7	2	5.00	1.12	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 1-34	AHU-1	PRICE	SDV	6"	150	65	65	75	120 °F	100 °F	55.0	85.0	2.4	0.6	2	5.00	0.26	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 1-35	AHU-1	PRICE	SDV	8"	320	125	125	160	120 °F	100 °F	55.0	85.0	5.2	1.2	2	5.00	0.53	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 1-36	AHU-1	PRICE	SDV	16"	2410	723	723	1205	120 °F	100 °F	55.0	85.0	39.0	9.4	2	5.00	4.16	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 1-37	AHU-1	PRICE	SDV	16"	2410	723	723	1205	120 °F	100 °F	55.0	85.0	39.0	9.4	2	5.00	4.16	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 1-38	AHU-1	PRICE	SDV	16"	3130	1565	1565	1565	120 °F	100 °F	55.0	85.0	50.7	12.2	2	5.00	5.4	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 1-39	AHU-1	PRICE	SDV	16"	2250	1125	1125	1125	120 °F	100 °F	55.0	85.0	36.5	8.8	2	5.00	3.9	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 1-40	AHU-1	PRICE	SDV	8"	250	125	125	125	120 °F	100 °F	55.0	85.0	4.1	1.0	2	5.00	0.44	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 1-41	AHU-1	PRICE	SDV	10"	1000	500	500	500	120 °F	100 °F	55.0	85.0	16.2	3.9	2	5.00	1.73	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 1-42	AHU-1	PRICE	SDV	6"	100	65	65	65	120 °F	100 °F	55.0	85.0	1.6	0.5	2	5.00	0.22	24/1	35	35	SINGLE MIN, DUAL MAX	A-M

VARIABLE AIR VOLUME TERMINAL SCHEDULE (HYDRONIC HEAT) AHU 2

MARK	SERVED FROM	MANUFACTURER	MODEL	INLET SIZE (IN)	PRIMARY CFM	MIN PRIM CFM	MIN HEAT CFM	MAX HEAT CFM	HEATING COIL HTG EWT	HTG LWT	EAT	LAT	MBH	GPM	ROW	WPD (FT)	CV	V/PH	SOUND POWER RADIATED	DISCHARGE	CONTROL TYPE	NOTES
VAV 2-01	AHU-2	PRICE	SDV	16"	2410	723	723	1205	120 °F	100 °F	55.0	85.0	39.0	9.4	2	5.00	4.16	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 2-02	AHU-2	PRICE	SDV	8"	640	320	320	320	120 °F	100 °F	55.0	85.0	10.4	2.5	2	5.00	1.1	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 2-03	AHU-2	PRICE	SDV	14"	1900	570	570	950	120 °F	100 °F	55.0	85.0	30.8	7.4	2	5.00	3.27	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 2-04	AHU-2	PRICE	SDV	8"	230	125	125	125	120 °F	100 °F	55.0	85.0	3.7	0.9	2	5.00	0.4	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 2-05	AHU-2	PRICE	SDV	16"	2800	1400	1400	1400	120 °F	100 °F	55.0	85.0	45.4	9.2	2	5.00	6.3	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 2-06	AHU-2	PRICE	SDV	10"	750	225	225	375	120 °F	100 °F	55.0	85.0	12.2	2.9	2	5.00	1.3	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 2-07	AHU-2	PRICE	SDV	8"	390	125	125	195	120 °F	100 °F	55.0	85.0	6.3	1.5	2	5.00	0.66	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 2-08	AHU-2	PRICE	SDV	10"	910	273	273	455	120 °F	100 °F	55.0	85.0	14.7	3.5	2	5.00	1.55	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 2-09	AHU-2	PRICE	SDV	10"	910	273	273	455	120 °F	100 °F	55.0	85.0	14.7	3.5	2	5.00	1.55	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 2-10	AHU-2	PRICE	SDV	10"	910	273	273	455	120 °F	100 °F	55.0	85.0	14.7	3.5	2	5.00	1.55	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 2-11	AHU-2	PRICE	SDV	10"	910	273	273	455	120 °F	100 °F	55.0	85.0	14.7	3.5	2	5.00	1.55	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 2-12	AHU-2	PRICE	SDV	10"	910	273	273	455	120 °F	100 °F	55.0	85.0	14.7	3.5	2	5.00	1.55	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 2-13	AHU-2	PRICE	SDV	10"	910	273	273	455	120 °F	100 °F	55.0	85.0	14.7	3.5	2	5.00	1.55	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 2-14	AHU-2	PRICE	SDV	8"	280	125	125	140	120 °F	100 °F	55.0	85.0	4.5	1.1	2	5.00	0.5	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 2-15	AHU-2	PRICE	SDV	10"	900	450	450	450	120 °F	100 °F	55.0	85.0	14.6	3.5	2	5.00	1.55	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 2-16	AHU-2	PRICE	SDV	10"	900	450	450	450	120 °F	100 °F	55.0	85.0	14.6	3.5	2	5.00	1.55	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 2-17	AHU-2	PRICE	SDV	8"	380	125	125	190	120 °F	100 °F	55.0	85.0	6.2	1.5	2	5.00	0.7	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 2-18	AHU-2	PRICE	SDV	8"	300	125	125	150	120 °F	100 °F	55.0	85.0	4.9	1.2	2	5.00	0.5	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 2-19	AHU-2	PRICE	SDV	4"	90	50	50	50	120 °F	100 °F	55.0	85.0	1.5	0.5	2	5.00	0.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 2-20	AHU-2	PRICE	SDV	4"	90	50	50	50	120 °F	100 °F	55.0	85.0	1.5	0.5	2	5.00	0.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 2-21	AHU-2	PRICE	SDV	4"	90	50	50	50	120 °F	100 °F	55.0	85.0	1.5	0.5	2	5.00	0.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 2-22	AHU-2	PRICE	SDV	6"	140	65	65	70	120 °F	100 °F	55.0	85.0	2.3	0.5	2	5.00	0.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 2-23	AHU-2	PRICE	SDV	12"	1300	650	650	650	120 °F	100 °F	55.0	85.0	21.1	5.1	2	5.00	2.24	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 2-24	AHU-2	PRICE	SDV	14"	2080	624	624	1040	120 °F	100 °F	55.0	85.0	33.7	8.1	2	5.00	3.55	24/1	35	35	SINGLE MIN, DUAL MAX	A-M

VARIABLE AIR VOLUME TERMINAL SCHEDULE (HYDRONIC HEAT) AHU 3

MARK	SERVED FROM	MANUFACTURER	MODEL	INLET SIZE (IN)	PRIMARY CFM	MIN PRIM CFM	MIN HEAT CFM	MAX HEAT CFM	HEATING COIL HTG EWT	HTG LWT	EAT	LAT	MBH	GPM	ROW	WPD (FT)	CV	V/PH	SOUND POWER RADIATED	DISCHARGE	CONTROL TYPE	NOTES
VAV 3-01	AHU-3	PRICE	SDV	8"	530	159	159	265	120 °F	100 °F	55.0	85.0	8.6	2.1	2	5.00	0.93	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 3-02	AHU-3	PRICE	SDV	6"	160	65	65	80	120 °F	100 °F	55.0	85.0	2.6	0.6	2	5.00	0.26	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 3-03	AHU-3	PRICE	SDV	6"	170	65	65	85	120 °F	100 °F	55.0	85.0	2.8	0.7	2	5.00	0.31	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 3-04	AHU-3	PRICE	SDV	8"	550	165	165	275	120 °F	100 °F	55.0	85.0	8.9	2.1	2	5.00	0.93	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 3-05	AHU-3	PRICE	SDV	8"	340	125	125	170	120 °F	100 °F	55.0	85.0	5.5	1.3	2	5.00	0.57	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 3-06	AHU-3	PRICE	SDV	8"	670	201	201	335	120 °F	100 °F	55.0	85.0	10.9	2.6	2	5.00	1.15	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 3-07	AHU-3	PRICE	SDV	8"	680	204	204	340	120 °F	100 °F	55.0	85.0	11.0	2.6	2	5.00	1.15	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 3-08	AHU-3	PRICE	SDV	10"	880	264	264	440	120 °F	100 °F	55.0	85.0	14.3	3.4	2	5.00	1.50	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 3-09	AHU-3	PRICE	SDV	4"	90	50	50	50	120 °F	100 °F	55.0	85.0	1.5	0.5	2	5.00	0.22	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 3-10	AHU-3	PRICE	SDV	6"	100	65	65	65	120 °F	100 °F	55.0	85.0	1.6	0.5	2	5.00	0.22	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 3-11	AHU-3	PRICE	SDV	6"	120	65	65	65	120 °F	100 °F	55.0	85.0	1.9	0.5	2	5.00	0.22	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 3-12	AHU-3	PRICE	SDV	8"	510	255	255	255	120 °F	100 °F	55.0	85.0	8.3	2.0	2	5.00	0.88	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 3-13	AHU-3	PRICE	SDV	6"	120	65	65	65	120 °F	100 °F	55.0	85.0	1.9	0.5	2	5.00	0.22	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 3-14	AHU-3	PRICE	SDV	6"	80	80	80	80	120 °F	100 °F	55.0	85.0	1.3	0.5	2	5.00	0.22	24/1	35	35	CONSTANT VOLUME	A-N
VAV 3-15	AHU-3	PRICE	SDV	4"	50	50	50	50	120 °F	100 °F	55.0	85.0	0.6	0.5	2	5.00	0.22	24/1	35	35	CONSTANT VOLUME	A-N
VAV 3-16	AHU-3	PRICE	SDV	4"	60	50	50	50	120 °F	100 °F	55.0	85.0	1.0	0.5	2	5.00	0.22	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 3-17	AHU-3	PRICE	SDV	4"	50	50	50	50	120 °F	100 °F	55.0	85.0	0.8	0.5	2	5.00	0.22	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 3-18	AHU-3	PRICE	SDV	6"	170	65	65	85	120 °F	100 °F	55.0	85.0	2.8	0.7	2	5.00	0.31	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 3-19	AHU-3	PRICE	SDV	6"	170	65	65	85	120 °F	100 °F	55.0	85.0	2.8	0.7	2	5.00	0.31	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 3-20	AHU-3	PRICE	SDV	6"	170	65	65	85	120 °F	100 °F	55.0	85.0	2.8	0.7	2	5.00	0.31	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 3-21	AHU-3	PRICE	SDV	4"	80	50	50	50	120 °F	100 °F	55.0	85.0	1.3	0.5	2	5.00	0.22	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 3-22	AHU-3	PRICE	SDV	4"	70	50	50	50	120 °F	100 °F	55.0	85.0	1.1	6.1	2	5.00	2.7	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 3-23	AHU-3	PRICE	SDV	12"	1570	785	785	785	120 °F	100 °F	55.0	85.0	25.4	0.5	2	5.00	0.22	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 3-24	AHU-3	PRICE	SDV	4"	50	50	50	50	120 °F	100 °F	55.0	85.0	0.8	0.5	2	5.00	0.22	24/1	35	35	CONSTANT VOLUME	A-N
VAV 3-25	AHU-3	PRICE	SDV	6"	170	65	65	85	120 °F	100 °F	55.0	85.0	2.8	0.7	2	5.00	0.31	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 3-26	AHU-3	PRICE	SDV	6"	170	65	65	85	120 °F	100 °F	55.0	85.0	2.8	0.7	2	5.00	0.31	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 3-27	AHU-3	PRICE	SDV	6"	170	65	65	85	120 °F	100 °F	55.0	85.0	2.8	0.7	2	5.00	0.31	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 3-28	AHU-3	PRICE	SDV	6"	110	110	110	110	120 °F	100 °F	55.0	85.0	1.8	0.5	2	5.00	0.22	24/1	35	35	CONSTANT VOLUME	A-N
VAV 3-29	AHU-3	PRICE	SDV	4"	70	50	50	50	120 °F	100 °F	55.0	85.0	1.1	0.5	2	5.00	0.22	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 3-30	AHU-3	PRICE	SDV	4"	70	50	50	50	120 °F	100 °F	55.0	85.0	1.1	0.5	2	5.00	0.22	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 3-31	AHU-3	PRICE	SDV	6"	120	65	65	65	120 °F	100 °F	55.0	85.0	1.9	0.5	2	5.00	0.22	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 3-32	AHU-3	PRICE	SDV	12"	1160	348	348	580	120 °F	100 °F	55.0	85.0	20.0	4.8	2	5.00	2.13	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 3-33	AHU-3	PRICE	SDV	10"	1010	303	303	505	120 °F	100 °F	55.0	85.0	16.4	3.9	2	5.00	1.71	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 3-34	AHU-3	PRICE	SDV	14"	2160	648	648	1080	120 °F	100 °F	55.0	85.0	35.0	8.4	2	5.00	3.7	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 3-35	AHU-3	PRICE	SDV	14"	2160	648	648	1080	120 °F	100 °F	55.0	85.0	35.0	8.4	2	5.00	3.7	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 3-36	AHU-3	PRICE	SDV	12"	1410	423	423	705	120 °F	100 °F	55.0	85.0	24.4	5.9	2	5.00	2.6	24/1	35	35	SINGLE MIN, DUAL MAX	A-M

VARIABLE AIR VOLUME TERMINAL SCHEDULE (HYDRONIC HEAT) AHU 4

MARK	SERVED FROM	MANUFACTURER	MODEL	INLET SIZE (IN)	PRIMARY CFM	MIN PRIM CFM	MIN HEAT CFM	MAX HEAT CFM	HEATING COIL HTG EWT	HTG LWT	EAT	LAT	MBH	GPM	ROW	WPD (FT)	CV	V/PH	SOUND POWER RADIATED	DISCHARGE	CONTROL TYPE	NOTES
VAV 4-01	AHU-4	PRICE	SDV	12"	1600	800	800	800	120 °F	100 °F	55.0	85.0	25.9	6.2	2	5.00	2.8	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 4-02	AHU-4	PRICE	SDV	12"	1600	800	800	800	120 °F	100 °F	55.0	85.0	25.9	6.2	2	5.00	2.8	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 4-03	AHU-4	PRICE	SDV	8"	210	125	125	125	120 °F	100 °F	55.0	85.0	3.4	0.8	2	5.00	0.4	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 4-04	AHU-4	PRICE	SDV	8"	210	125	125	125	120 °F	100 °F	55.0	85.0	3.4	0.8	2	5.00	0.4	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 4-05	AHU-4	PRICE	SDV	8"	430	172	172	215	120 °F	100 °F	55.0	85.0	7.0	1.7	2	5.00	0.8	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 4-06	AHU-4	PRICE	SDV	12"	1270	381	381	635	120 °F	100 °F	55.0	85.0	20.6	4.9	2	5.00	2.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
3 VAV 4-07	AHU-4	PRICE	SDV	14"	1680	504	504	840	120 °F	100 °F	55.0	90.0	31.8	6.5	2	5.00	2.9	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 4-08	AHU-4	PRICE	SDV	6"	160	65	65	80	120 °F	100 °F	55.0	85.0	2.6	0.6	2	5.00	0.3	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 4-09	AHU-4	PRICE	SDV	12"	1520	760	760	760	120 °F	100 °F	55.0	85.0	24.6	5.9	2	5.00	2.6	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 4-10	AHU-4	PRICE	SDV	16"	2280	684	684	1140	120 °F	100 °F	55.0	85.0	36.9	8.9	2	5.00	4.0	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 4-11	AHU-4	PRICE	SDV	12"	1410	705	705	705	120 °F	100 °F	55.0	85.0	22.8	5.5	2	5.00	2.4	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 4-12	AHU-4	PRICE	SDV	14"	2130	639	639	1065	120 °F	100 °F	55.0	85.0	34.5	8.3	2	5.00	3.7	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 4-13	AHU-4	PRICE	SDV	6"	160	65	65	80	120 °F	100 °F	55.0	85.0	2.6	0.6	2	5.00	0.3	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 4-14	AHU-4	PRICE	SDV	8"	380	125	125	190	120 °F	100 °F	55.0	85.0	6.2	1.5	2	5.00	0.7	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 4-15	AHU-4	PRICE	SDV	8"	210	125	125	125	120 °F	100 °F	55.0	85.0	3.4	0.8	2	5.00	0.4	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 4-16	AHU-4	PRICE	SDV	6"	140	65	65	70	120 °F	100 °F	55.0	85.0	2.3	0.5	2	5.00	0.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 4-17	AHU-4	PRICE	SDV	8"	650	325	325	325	120 °F	100 °F	55.0	85.0	10.5	2.5	2	5.00	1.1	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 4-18	AHU-4	PRICE	SDV	8"	210	125	125	125	120 °F	100 °F	55.0	85.0	3.4	0.8	2	5.00	0.4	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 4-19	AHU-4	PRICE	SDV	8"	210	125	125	125	120 °F	100 °F	55.0	85.0	3.4	0.8	2	5.00	0.4	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 4-20	AHU-4	PRICE	SDV	8"	210	125	125	125	120 °F	100 °F	55.0	85.0	3.4	0.8	2	5.00	0.4	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 4-21	AHU-4	PRICE	SDV	8"	420	168	168	210	120 °F	100 °F	55.0	85.0	6.8	1.6	2	5.00	0.7	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 4-22	AHU-4	PRICE	SDV	12"	1450	435	435	725	120 °F	100 °F	55.0	85.0	23.5	5.6	2	5.00	2.5	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 4-23	AHU-4	PRICE	SDV	12"	1330	399	399	665	120 °F	100 °F	55.0	95.0	28.7	6.9	2	5.00	3.1	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 4-24	AHU-4	PRICE	SDV	8"	670	335	335	335	120 °F	100 °F	55.0	85.0	10.9	2.6	2	5.00	1.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 4-25	AHU-4	PRICE	SDV	12"	1280	384	384	640	120 °F	100 °F	55.0	85.0	20.7	5.0	2	5.00	2.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 4-26	AHU-4	PRICE	SDV	10"	1080	324	324	540	120 °F	100 °F	55.0	85.0	17.5	4.2	2	5.00	1.9	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 4-27	AHU-4	PRICE	SDV	12"	1350	405	405	675	120 °F	100 °F	55.0	85.0	21.9	5.3	2	5.00	2.3	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 4-28	AHU-4	PRICE	SDV	6"	160	65	65	80	120 °F	100 °F	55.0	85.0	2.6	0.6	2	5.00	0.3	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 4-29	AHU-4	PRICE	SDV	6"	160	65	65	80	120 °F	100 °F	55.0	85.0	2.6	0.6	2	5.00	0.3	24/1	35	35	SINGLE MIN, DUAL MAX	A-M

VARIABLE AIR VOLUME TERMINAL SCHEDULE (HYDRONIC HEAT) AHU 5

MARK	SERVED FROM	MANUFACTURER	MODEL	INLET SIZE (IN)	PRIMARY CFM	MIN PRIM CFM	MIN HEAT CFM	MAX HEAT CFM	HEATING COIL HTG EWT	HTG LWT	EAT	LAT	MBH	GPM	ROW	WPD (FT)	CV	V/PH	SOUND POWER RADIATED	DISCHARGE	CONTROL TYPE	NOTES
VAV 5-01	AHU-5	PRICE	SDV	12"	1150	345	345	575	120 °F	100 °F	55.0	85.0	18.6	4.5	2	5.00	2.0	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-02	AHU-5	PRICE	SDV	10"	840	252	252	420	120 °F	100 °F	55.0	85.0	13.6	3.3	2	5.00	1.5	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-03	AHU-5	PRICE	SDV	10"	760	228	228	380	120 °F	100 °F	55.0	85.0	12.3	3.0	2	5.00	1.3	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-04	AHU-5	PRICE	SDV	12"	1240	372	372	620	120 °F	100 °F	55.0	85.0	20.1	4.8	2	5.00	2.1	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-05	AHU-5	PRICE	SDV	6"	100	65	65	65	120 °F	100 °F	55.0	85.0	1.6	0.5	2	5.00	0.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-06	AHU-5	PRICE	SDV	4"	60	50	50	50	120 °F	100 °F	55.0	85.0	1.0	0.5	2	5.00	0.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-07	AHU-5	PRICE	SDV	8"	300	125	125	150	120 °F	100 °F	55.0	85.0	4.9	1.2	2	5.00	0.5	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-08	AHU-5	PRICE	SDV	6"	100	65	65	65	120 °F	100 °F	55.0	85.0	1.6	0.5	2	5.00	0.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-09	AHU-5	PRICE	SDV	4"	90	50	50	50	120 °F	100 °F	55.0	85.0	1.5	0.5	2	5.00	0.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-10	AHU-5	PRICE	SDV	10"	780	234	234	390	120 °F	100 °F	55.0	85.0	12.6	3.0	2	5.00	1.3	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-11	AHU-5	PRICE	SDV	4"	100	50	50	50	120 °F	100 °F	55.0	85.0	1.6	0.5	2	5.00	0.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-12	AHU-5	PRICE	SDV	4"	60	50	50	50	120 °F	100 °F	55.0	85.0	1.0	0.5	2	5.00	0.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-13	AHU-5	PRICE	SDV	6"	140	65	65	70	120 °F	100 °F	55.0	85.0	2.3	0.5	2	5.00	0.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-14	AHU-5	PRICE	SDV	6"	140	65	65	70	120 °F	100 °F	55.0	85.0	2.3	0.5	2	5.00	0.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-15	AHU-5	PRICE	SDV	4"	90	50	50	50	120 °F	100 °F	55.0	85.0	1.5	0.5	2	5.00	0.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-16	AHU-5	PRICE	SDV	4"	90	50	50	50	120 °F	100 °F	55.0	85.0	1.5	0.5	2	5.00	0.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-17	AHU-5	PRICE	SDV	10"	770	231	231	385	120 °F	100 °F	55.0	85.0	12.5	3.0	2	5.00	1.3	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-18	AHU-5	PRICE	SDV	4"	100	50	50	50	120 °F	100 °F	55.0	85.0	1.6	0.5	2	5.00	0.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-19	AHU-5	PRICE	SDV	4"	120	50	50	60	120 °F	100 °F	55.0	85.0	1.9	0.5	2	5.00	0.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-20	AHU-5	PRICE	SDV	6"	180	72	72	90	120 °F	100 °F	55.0	85.0	2.9	0.7	2	5.00	0.3	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-21	AHU-5	PRICE	SDV	4"	90	50	50	50	120 °F	100 °F	55.0	85.0	1.5	0.5	2	5.00	0.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-22	AHU-5	PRICE	SDV	4"	60	50	50	50	120 °F	100 °F	55.0	85.0	1.0	0.5	2	5.00	0.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-23	AHU-5	PRICE	SDV	16"	2570	771	771	1285	120 °F	100 °F	55.0	85.0	41.6	10.0	2	5.00	4.4	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-24	AHU-5	PRICE	SDV	8"	250	125	125	125	120 °F	100 °F	55.0	85.0	4.1	1.0	2	5.00	0.4	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-25	AHU-5	PRICE	SDV	16"	2430	729	729	1215	120 °F	100 °F	55.0	85.0	39.4	9.5	2	5.00	4.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-26	AHU-5	PRICE	SDV	8"	370	148	148	185	120 °F	100 °F	55.0	85.0	6.0	1.4	2	5.00	0.6	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-27	AHU-5	PRICE	SDV	6"	130	65	65	65	120 °F	100 °F	55.0	85.0	2.1	0.5	2	5.00	0.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-28	AHU-5	PRICE	SDV	4"	60	50	50	50	120 °F	100 °F	55.0	85.0	1.0	0.5	2	5.00	0.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-29	AHU-5	PRICE	SDV	6"	190	65	65	95	120 °F	100 °F	55.0	85.0	3.1	0.7	2	5.00	0.3	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-30	AHU-5	PRICE	SDV	8"	520	208	208	260	120 °F	100 °F	55.0	85.0	8.4	2.0	2	5.00	0.9	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-32	AHU-5	PRICE	SDV	14"	1940	582	582	970	120 °F	100 °F	55.0	85.0	31.4	7.6	2	5.00	3.4	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-33	AHU-5	PRICE	SDV	12"	1460	438	438	730	120 °F	100 °F	55.0	85.0	23.7	5.7	2	5.00	2.5	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-34	AHU-5	PRICE	SDV	12"	1330	399	399	665	120 °F	100 °F	55.0	85.0	21.5	5.2	2	5.00	2.3	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-35	AHU-5	PRICE	SDV	8"	310	125	125	155	120 °F	100 °F	55.0	85.0	5.0	1.2	2	5.00	0.5	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-36	AHU-5	PRICE	SDV	4"	60	50	50	50	120 °F	100 °F	55.0	85.0	1.0	0.5	2	5.00	0.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-37	AHU-5	PRICE	SDV	6"	130	65	65	65	120 °F	100 °F	55.0	85.0	2.1	0.5	2	5.00	0.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-38	AHU-5	PRICE	SDV	4"	90	50	50	50	120 °F	100 °F	55.0	85.0	1.5	0.5	2	5.00	0.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-39	AHU-5	PRICE	SDV	4"	90	50	50	50	120 °F	100 °F	55.0	85.0	1.5	0.5	2	5.00	0.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-40	AHU-5	PRICE	SDV	6"	110	65	65	65	120 °F	100 °F	55.0	85.0	1.8	0.5	2	5.00	0.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-41	AHU-5	PRICE	SDV	4"	90	50	50	50	120 °F	100 °F	55.0	85.0	1.5	0.5	2	5.00	0.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-42	AHU-5	PRICE	SDV	8"	290	125	125	145	120 °F	100 °F	55.0	85.0	4.7	1.1	2	5.00	0.5	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-43	AHU-5	PRICE	SDV	8"	390	156	156	195	120 °F	100 °F	55.0	85.0	6.3	1.5	2	5.00	0.7	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-44	AHU-5	PRICE	SDV	10"	900	270	270	450	120 °F	100 °F	55.0	85.0	14.6	3.5	2	5.00	1.6	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-45	AHU-5	PRICE	SDV	4"	60	50	50	50	120 °F	100 °F	55.0	85.0	1.0	0.5	2	5.00	0.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-46	AHU-5	PRICE	SDV	4"	90	50	50	50	120 °F	100 °F	55.0	85.0	1.5	0.5	2	5.00	0.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-47	AHU-5	PRICE	SDV	6"	130	65	65	65	120 °F	100 °F	55.0	85.0	2.1	0.5	2	5.00	0.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-48	AHU-5	PRICE	SDV	6"	130	65	65	65	120 °F	100 °F	55.0	85.0	2.1	0.5	2	5.00	0.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-49	AHU-5	PRICE	SDV	14"	2090	627	627	1045	120 °F	100 °F	55.0	85.0	33.9	8.1	2	5.00	3.6	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-50	AHU-5	PRICE	SDV	8"	580	174	174	290	120 °F	100 °F	55.0	85.0	9.4	2.3	2	5.00	1.0	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-51	AHU-5	PRICE	SDV	10"	750	225	225	375	120 °F	100 °F	55.0	85.0	12.2	2.9	2	5.00	1.3	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-52	AHU-5	PRICE	SDV	8"	600	180	180	300	120 °F	100 °F	55.0	85.0	9.7	2.3	2	5.00	1.0	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-53	AHU-5	PRICE	SDV	4"	60	50	50	50	120 °F	100 °F	55.0	85.0	1.0	0.5	2	5.00	0.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-54	AHU-5	PRICE	SDV	4"	100	50	50	50	120 °F	100 °F	55.0	85.0	1.6	0.5	2	5.00	0.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-55	AHU-5	PRICE	SDV	8"	360	144	144	180	120 °F	100 °F	55.0	85.0	5.8	1.4	2	5.00	0.6	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-56	AHU-5	PRICE	SDV	4"	100	50	50	50	120 °F	100 °F	55.0	85.0	1.6	0.5	2	5.00	0.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-57	AHU-5	PRICE	SDV	4"	90	50	50	50	120 °F	100 °F	55.0	85.0	1.5	0.5	2	5.00	0.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-58	AHU-5	PRICE	SDV	14"	1970	591	591	985	120 °F	100 °F	55.0	85.0	31.9	7.7	2	5.00	3.4	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-59	AHU-5	PRICE	SDV	8"	340	125	125	170	120 °F	100 °F	55.0	85.0	5.5	1.3	2	5.00	0.6	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-60	AHU-5	PRICE	SDV	14"	1700	510	510	850	120 °F	100 °F	55.0	85.0	27.5	6.6	2	5.00	2.9	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-61	AHU-5	PRICE	SDV	12"	1350	405	405	675	120 °F	100 °F	55.0	85.0	21.9	5.3	2	5.00	2.3	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-62	AHU-5	PRICE	SDV	10"	870	261	261	435	120 °F	100 °F	55.0	85.0	14.1	3.4	2	5.00	1.5	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-63	AHU-5	PRICE	SDV	4"	60	50	50	50	120 °F	100 °F	55.0	85.0	1.0	0.5	2	5.00	0.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-64	AHU-5	PRICE	SDV	4"	60	50	50	50	120 °F	100 °F	55.0	85.0	1.0	0.5	2	5.00	0.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-65	AHU-5	PRICE	SDV	8"	250	125	125	125	120 °F	100 °F	55.0	85.0	4.1	1.0	2	5.00	0.4	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-66	AHU-5	PRICE	SDV	6"	130	65	65	65	120 °F	100 °F	55.0	85.0	2.1	0.5	2	5.00	0.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-67	AHU-5	PRICE	SDV	14"	1620	486	486	810	120 °F	100 °F	55.0	85.0	26.2	6.3	2	5.00	2.8	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-68	AHU-5	PRICE	SDV	4"	60	50	50	50	120 °F	100 °F	55.0	85.0	1.0	0.5	2	5.00	0.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-69	AHU-5	PRICE	SDV	4"	60	50	50	50	120 °F	100 °F	55.0	85.0	1.0	0.5	2	5.00	0.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-70	AHU-5	PRICE	SDV	8"	650	195	195	325	120 °F	100 °F	55.0	85.0	10.5	2.5	2	5.00	1.1	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-71	AHU-5	PRICE	SDV	6"	120	65	65	65	120 °F	100 °F	55.0	85.0	1.9	0.5	2	5.00	0.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-72	AHU-5	PRICE	SDV	8"	700	210	210	350	120 °F	100 °F	55.0	85.0	11.3	2.7	2	5.00	1.2	24/1	35	35	SINGLE MIN, DUAL MAX	A-M
VAV 5-73	AHU-5	PRICE	SDV	24"x16"	3820	1146	1146	0	0 °F	0 °F	0.0	0.0	0.0	0.0	0	0.00	0	24/1	35	35	SINGLE MIN, DUAL MAX	B-K,Q

MODEL NUMBERS SHALL NOT BE CONSIDERED COMPLETE AND MATERIAL SHALL NOT BE ORDERED BY MANUFACTURER AND MODEL NUMBERS ONLY. REVIEW THE COMPLETE DESCRIPTION, NOTES AND SPECIFICATIONS TO DETERMINE THE EXACT MATERIAL AND ACCESSORIES TO BE ORDERED. THE MANUFACTURERS LISTED ARE THE BASIS FOR THE DESIGN.

NOTES:

A. HEATING COIL CAPACITY BASED ON SCHEDULED ENTERING WATER TEMPERATURE. GPM IS BASED ON A DESIRED COIL DELTA T OF 20 F. ADJUST GPM TO REFLECT ACTUAL COIL SELECTION AND PERFORMANCE.
B. INSTALL FLEXIBLE DUCT CONNECTOR AT INLET CONNECTION.
C. PROVIDE INTEGRAL DISCONNECT SWITCH.
D. REMOTE CONTROL POWER (CP) TRANSFORMER BY DIVISION 23. REFER TO ELECTRICAL DRAWINGS FOR TRANSFORMER LOCATIONS. COORDINATE PRIMARY POWER WITH ELECTRICAL DRAWINGS.
E. BOX NOT TO EXCEED SCHEDULED DISCHARGE OR RADIATED SOUND NC LEVEL USING 0.5 INCH PRESSURE DROP.
F. PROVIDE FACTORY-INSTALLED, PRESSURE INDEPENDENT, DDC CONTROL PACKAGE.
G. PROVIDE VAV BOXES WITH HIGH CAPACITY OPTION FOR 2 ROW COILS, IF STANDARD 2 ROW COILS DO NOT MEET CAPACITY. IF CAPACITY IS NOT MET ON A VAV BOX WITH 2 ROW HIGH CAPACITY COILS, INCREASE NUMBER OF ROWS OF COILS.
H. PROVIDE BOX WITH EITHER RIGHT HAND OR LEFT HAND CONFIGURATION AS SHOWN ON DRAWINGS.
J. BOX SELECTED AT 1300 FEET ABOVE SEA LEVEL.
K. INLET SIZE SHOWN IS THE MINIMUM ALLOWABLE INLET SIZE. NO SMALLER SIZES SHALL BE ACCEPTED.
L. VAV BOXES SHALL BE SIZED TO MEET THE SCHEDULED VALUES BASED ON THE FOLLOWING PRIORITIES: 1 - HEATING COIL CAPACITY, 2 - LEAVING AIR TEMPERATURE, 3 - WATER PRESSURE DROP.
M. SIZE SYSTEM FOR WATER WITH 30% PROPYLENE GLYCOL SOLUTION.
N. CONSTANT VOLUME VAV BOX.
P. INTERLOCK VAV CONTROLLER WITH KITCHEN EXHAUST HOOD. REFER TO MECHANICAL CONTROLS.
Q. COOLING ONLY VAV.

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MCKEES ROCK, PA 14136
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PSW Job Number:
993A

Henderson Job Number:
2150002607

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No. 11393 ARRON S. COOPER
03/21/2024

AWSOM
Bentonville, AR

Issue Date:
02.24.2023

REVISIONS

NUMBER	DATE	DESCRIPTION
1	03.10.23	Addendum 1
2	06.09.23	Addendum 2
3	03.21.24	PR-042

Contents:
MECHANICAL SCHEDULES

THIS PAGE IS BEST VIEWED IN COLOR

VARIABLE FREQUENCY DRIVES (VFD'S)

MARK	SERVING EQUIPMENT	NUMBER OF MOTORS	HP OF EACH MOTOR ON THE DRIVE	MANUFACTURER	VOLT/PHASE	ENCLOSURE	MOUNTING LOCATION	NOTES
VFD 1	PHWP 1	1	7.5	ABB	480/3	NEMA 1	WALL	A-F
VFD 2	PHWP 2	1	7.5	ABB	480/3	NEMA 1	WALL	A-F
VFD 3	HPHWP 1	1	15.0	ABB	480/3	NEMA 1	UNISTRUT	A-F
VFD 4	HPHWP 2	1	15.0	ABB	480/3	NEMA 1	UNISTRUT	A-F
VFD 5	PCHWP 1	1	15.0	ABB	480/3	NEMA 1	WALL	A-F
VFD 6	PCHWP 2	1	15.0	ABB	480/3	NEMA 1	WALL	A-F
VFD 7	PCHWP 3	1	15.0	ABB	480/3	NEMA 1	WALL	A-F
VFD 8	PCHWP 4	1	15.0	ABB	480/3	NEMA 1	WALL	A-F
VFD 9	PCHWP 5	1	15.0	ABB	480/3	NEMA 1	WALL	A-F
VFD 10	AHU-1 EF	2	5.0	ABB	480/3	NEMA 1	UNIT	A-F
VFD 11	AHU-1 EF	2	5.0	ABB	480/3	NEMA 1	UNIT	A-F
VFD 12	AHU ERW..	1	1.0	ABB	480/3	NEMA 1	UNIT	A-F
VFD 13	AHU-1 SF	2	15.0	ABB	480/3	NEMA 1	UNIT	A-F
VFD 14	AHU-1 SF	2	15.0	ABB	480/3	NEMA 1	UNIT	A-F
VFD 15	AHU-2 SF	2	7.5	ABB	480/3	NEMA 1	UNIT	A-F
VFD 16	AHU-2 SF	2	7.5	ABB	480/3	NEMA 1	UNIT	A-F
VFD 17	AHU-2 RF	2	3.0	ABB	480/3	NEMA 1	UNIT	A-F
VFD 18	AHU-2 RF	2	3.0	ABB	480/3	NEMA 1	UNIT	A-F
VFD 19	AHU-3 SF	2	5.0	ABB	480/3	NEMA 1	UNIT	A-F
VFD 20	AHU-3 SF	2	5.0	ABB	480/3	NEMA 1	UNIT	A-F
VFD 21	AHU-4 EF	2	3.0	ABB	480/3	NEMA 1	UNIT	A-F
VFD 22	AHU-4 EF	2	3.0	ABB	480/3	NEMA 1	UNIT	A-F
VFD 23	AHU-4 SF	2	10.0	ABB	480/3	NEMA 1	UNIT	A-F
VFD 24	AHU-4 SF	2	10.0	ABB	480/3	NEMA 1	UNIT	A-F
VFD 25	AHU-4 ERW	1	0.5	ABB	480/3	NEMA 1	UNIT	A-F
VFD 26	AHU-5 SF	2	15.0	ABB	480/3	NEMA 1	UNIT	A-F
VFD 27	AHU-5 SF	2	15.0	ABB	480/3	NEMA 1	UNIT	A-F
VFD 28	EF 1	1	10.0	ABB	480/3	NEMA 3R	WALL	A-H
VFD 29	EF 2	1	10.0	ABB	480/3	NEMA 3R	WALL	A-H

MODEL NUMBERS SHALL NOT BE CONSIDERED COMPLETE AND MATERIAL SHALL NOT BE ORDERED BY MANUFACTURER AND MODEL NUMBERS ONLY. REVIEW THE COMPLETE DESCRIPTION, NOTES AND SPECIFICATIONS TO DETERMINE THE EXACT MATERIAL AND ACCESSORIES TO BE ORDERED. THE MANUFACTURERS LISTED ARE THE BASIS FOR THE DESIGN.

GENERAL NOTES APPLICABLE TO ALL ITEMS:
1. DRIVE AMPS SHALL BE RATED PER NATIONAL ELECTRICAL CODE TABLE 430.250

SCHEDULE NOTES:
A. PROVIDE "EARLY BREAK" AUXILIARY CONTACTS IN MOTOR DISCONNECT THAT DEACTIVATES THE VFD WHEN MOTOR DISCONNECT SWITCH IS OPEN.
B. PROVIDE OUTPUT REACTOR.
C. PROVIDE BACNET MSTP INTEGRATION CARD.
D. INTERLOCK WITH SMOKE DETECTOR OR FREEZESTAT TO SHUT DOWN FAN ON ALARM.
E. PROVIDE SURGE SUPPRESSION ON THE INPUT OF THE DRIVE
F. PROVIDE ANTI-SINGLE PHASING PROTECTION.
G. EQUIPMENT SIZED FOR 100°F AMBIENT TEMPERATURE.
H. PROVIDE WITH LOCKABLE COVER.

FREE AREA SCHEDULE

MARK	SERVICE	CFM	MIN FREE AREA (SF)	FPM	MAX APD (IN W.C.)	NOTES
LVR 1	EXHAUST	45000	64.00	700	0.06	ALL
LVR 2A	INTAKE	13000	27.00	500	0.05	ALL
LVR 2B	INTAKE	19000	38.00	500	0.05	ALL
LVR 3	INTAKE	25000	50.00	500	0.05	ALL
LVR 4	INTAKE	16000	32.00	500	0.05	ALL
LVR 5	RELIEF	10000	20.00	500	0.05	ALL
LVR 6	EXHAUST	3630	7.50	500	0.05	ALL
LVR 7	RELIEF	18000	22.50	800	0.08	ALL
LVR 8	RELIEF	14000	17.00	800	0.08	ALL
LVR 9	RELIEF	25000	30.00	800	0.08	ALL

MODEL NUMBERS SHALL NOT BE CONSIDERED COMPLETE AND MATERIAL SHALL NOT BE ORDERED BY MANUFACTURER AND MODEL NUMBERS ONLY. REVIEW THE COMPLETE DESCRIPTION, NOTES AND SPECIFICATIONS TO DETERMINE THE EXACT MATERIAL AND ACCESSORIES TO BE ORDERED. THE MANUFACTURERS LISTED ARE THE BASIS FOR THE DESIGN.

NOTES:

A. LOUVER MARK CORRESPONDS WITH ARCHITECTURAL PLAN TAG. IF MULTIPLE PLENUMS ARE CONNECTED TO SAME LOUVER, THEY ARE DENOTED BY A LETTER AFTER THE NUMBER.
B. REFER TO ARCHITECTURAL PLANS AND SPECIFICATIONS FOR LOUVER SIZE, FINISH, AND MANUFACTURER.
C. SCHEDULED FREE AREA REPRESENTS REQUIRED ACTIVE SECTION OF LOUVER FOR CONNECTION TO BY MECHANICAL CONTRACTOR.
D. MECHANICAL CONTRACTOR SHALL CONNECT PLENUM SHOWN ON DRAWINGS TO LOUVER ASSEMBLY.

DUCT SILENCER SCHEDULE

MARK	SERVICE	MANUFACTURER	MODEL	LENGTH (IN)	CFM	MAX APD (IN)	DYNAMIC INSERTION LOSS								NOTES
							63	125	250	500	1000	2000	4000	8000	
DS 1	AHU 2 SUPPLY	PRICE	RH	36	17000	0.2	3	3	8	17	22	20	14	12	A

MODEL NUMBERS SHALL NOT BE CONSIDERED COMPLETE AND MATERIAL SHALL NOT BE ORDERED BY MANUFACTURER AND MODEL NUMBERS ONLY. REVIEW THE COMPLETE DESCRIPTION, NOTES AND SPECIFICATIONS TO DETERMINE THE EXACT MATERIAL AND ACCESSORIES TO BE ORDERED. THE MANUFACTURERS LISTED ARE THE BASIS FOR THE DESIGN.

NOTES:
A. STATIC PRESSURE DROP SHALL NOT EXCEED SCHEDULED AMOUNT AT SPECIFIED AIRFLOW.

BASEBOARD HEATER SCHEDULE (HOT WATER)

MARK	MANUFACTURER	MODEL	LENGTH (IN)	MIN OUTPUT (MBH)	EWT (°F)	LWT (°F)	GPM	CV	EAT (°F)	MOUNTING TYPE	NOTES
BBH 1	RUNTAL	R2F-5	48"	3.1	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 2	RUNTAL	R2F-2	180"	4.8	120	100	0.6	0.27	70.0	PEDESTAL	A-D, F
BBH 3	RUNTAL	R2F-1	216"	4.8	120	100	0.6	0.27	70.0	PEDESTAL	A-D, F
BBH 4	RUNTAL	R2F-2	96"	2.2	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 5	RUNTAL	R2F-2	96"	2.2	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 6	RUNTAL	R2F-2	168"	4.4	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 7	RUNTAL	R2F-2	48"	1.6	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 8	RUNTAL	R2F-1	108"	1.6	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 9	RUNTAL	R2F-2	156"	5.3	120	100	0.6	0.27	70.0	PEDESTAL	A-D, F
BBH 10	RUNTAL	R2F-2	144"	4.6	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 11	RUNTAL	R3F-3	264"	12.9	120	100	1.4	0.62	70.0	PEDESTAL	A-D, F
BBH 12	RUNTAL	R3F-3	168"	8.1	120	100	0.9	0.40	70.0	PEDESTAL	A-D, F
BBH 13	RUNTAL	R2F-1	168"	2.3	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 14	RUNTAL	R2F-1	168"	2.2	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 15	RUNTAL	R2F-1	108"	2.0	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 16	RUNTAL	R2F-1	312"	4.6	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 17	RUNTAL	R2F-2	264"	3.6	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 18	RUNTAL	R2F-2	240"	4.6	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 19	RUNTAL	R2F-2	96"	1.6	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 20	RUNTAL	R2F-2	144"	3.0	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 21	RUNTAL	R2F-2	168"	3.0	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 22	RUNTAL	R2F-2	96"	1.1	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 23	RUNTAL	R3F-1	180"	5.0	120	100	0.6	0.27	70.0	PEDESTAL	A-D, F
BBH 24	RUNTAL	R3F-3	312"	7.3	120	100	0.8	0.36	70.0	PEDESTAL	A-D, F
BBH 25	RUNTAL	R2F-2	108"	2.9	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 26	RUNTAL	R2F-2	108"	2.8	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 27	RUNTAL	R2F-2	300"	7.8	120	100	0.9	0.40	70.0	PEDESTAL	A-D, F
BBH 28	RUNTAL	R2F-2	120"	3.6	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 29	RUNTAL	R3F-2	204"	6.2	120	100	0.7	0.31	70.0	PEDESTAL	A-D, F
BBH 30	RUNTAL	R3F-2	168"	6.1	120	100	0.7	0.31	70.0	PEDESTAL	A-D, F
BBH 31	RUNTAL	R2F-2	144"	3.5	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 32	RUNTAL	R2F-2	168"	3.5	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 33	RUNTAL	R2F-2	312"	10.8	120	100	1.2	0.54	70.0	PEDESTAL	A-D, F
BBH 34	RUNTAL	R2F-2	132"	4.2	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 35	RUNTAL	R2F-1	60"	0.7	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 36	RUNTAL	R2F-1	60"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E
BBH 37	RUNTAL	R2F-1	120"	2.7	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 38	RUNTAL	R2F-1	120"	2.7	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 39	RUNTAL	R2F-1	96"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 40	RUNTAL	R2F-1	120"	2.7	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 41	RUNTAL	R2F-1	120"	2.7	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 42	RUNTAL	R2F-1	96"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 43	RUNTAL	R2F-1	120"	2.7	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 47	RUNTAL	R3F-3	204"	11.6	120	100	1.3	0.58	70.0	PEDESTAL	A-D, F
BBH 48	RUNTAL	R3F-3	216"	11.6	120	100	1.3	0.58	70.0	PEDESTAL	A-D, F
BBH 49	RUNTAL	R2F-2	216"	6.5	120	100	0.7	0.31	70.0	PEDESTAL	A-D, F
BBH 50	RUNTAL	R2F-2	240"	6.5	120	100	0.7	0.31	70.0	PEDESTAL	A-D, F
BBH 51	RUNTAL	R2F-2	120"	4.0	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 52	RUNTAL	R2F-2	36"	1.0	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 53	RUNTAL	R2F-1	96"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 54	RUNTAL	R2F-1	108"	2.2	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 55	RUNTAL	R2F-1	96"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 56	RUNTAL	R2F-1	120"	2.4	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 57	RUNTAL	R2F-1	84"	1.7	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 58	RUNTAL	R2F-2	156"	7.5	120	100	0.9	0.23	70.0	PEDESTAL	A-D, F
BBH 59	RUNTAL	R2F-2	144"	7.5	120	100	0.9	0.40	70.0	PEDESTAL	A-D, F
BBH 60	RUNTAL	R3F-3	144"	4.5	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 61	RUNTAL	R3F-3	144"	4.5	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 65	RUNTAL	R3F-1	144"	4.1	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 66	RUNTAL	R3F-1	168"	4.1	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 67	RUNTAL	R3F-1	216"	6.2	120	100	0.7	0.31	70.0	PEDESTAL	A-D, F
BBH 68	RUNTAL	R3F-1	156"	4.0	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 69	RUNTAL	R3F-1	168"	4.0	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 70	RUNTAL	R3F-1	168"	4.0	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 71	RUNTAL	R3F-1	108"	4.0	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 72	RUNTAL	R3F-1	240"	6.5	120	100	0.7	0.31	70.0	PEDESTAL	A-D, F
BBH 73	RUNTAL	R3F-1	240"	6.5	120	100	0.7	0.31	70.0	PEDESTAL	A-D, F
BBH 74	RUNTAL	R3F-1	240"	6.5	120	100	0.7	0.31	70.0	PEDESTAL	A-D, F
BBH 75	RUNTAL	R2F-3	60"	2.8	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 76	RUNTAL	R2F-2	108"	3.9	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 77	RUNTAL	R2F-2	96"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 78	RUNTAL	R2F-2	240"	8.6	120	100	1.0	0.45	70.0	PEDESTAL	A-D, F
BBH 79	RUNTAL	R2F-2	240"	8.6	120	100	1.0	0.45	70.0	PEDESTAL	A-D, F
BBH 80	RUNTAL	R2F-2	96"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 81	RUNTAL	R2F-2	96"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 82	RUNTAL	R2F-2	240"	8.6	120	100	1.0	0.45	70.0	PEDESTAL	A-D, F
BBH 83	RUNTAL	R2F-2	240"	8.6	120	100	1.0	0.45	70.0	PEDESTAL	A-D, F
BBH 84	RUNTAL	R2F-2	96"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 85	RUNTAL	R2F-2	96"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 86	RUNTAL	R2F-2	240"	8.6	120	100	1.0	0.45	70.0	PEDESTAL	A-D, F
BBH 87	RUNTAL	R2F-2	60"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 88	RUNTAL	R2F-2	84"	3.0	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 89	RUNTAL	R2F-2	60"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 90	RUNTAL	R2F-2	36"	1.3	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 91	RUNTAL	R2F-2	72"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 92	RUNTAL	R2F-1	72"	1.6	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 93	RUNTAL	R2F-1	120"	2.6	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 94	RUNTAL	R2F-1	120"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 95	RUNTAL	R2F-1	108"	2.3	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 96	RUNTAL	R2F-1	120"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 97	RUNTAL	R2F-1	120"	2.6	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 98	RUNTAL	R2F-1	96"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 99	RUNTAL	R2F-1	120"	2.6	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 100	RUNTAL	R2F-1	120"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 101	RUNTAL	R2F-1	96"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 102	RUNTAL	R2F-1	120"	2.6	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 103	RUNTAL	R2F-1	120"	2.6	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 104	RUNTAL	R2F-1	120"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 105	RUNTAL	R2F-1	144"	2.6	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 106	RUNTAL	R2F-1	120"	2.6	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 107	RUNTAL	R2F-1	48"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 108	RUNTAL	R2F-1	144"	3.0	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 109	RUNTAL	R2F-1	48"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 110	RUNTAL	R2F-1	120"	2.2	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 111	RUNTAL	R2F-1	120"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 112	RUNTAL	R2F-1	120"	2.2	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 113	RUNTAL	R2F-1	120"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 114	RUNTAL	R2F-1	120"	2.2	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 115	RUNTAL	R2F-3	240"	10.9	120	100	1.2	0.54	70.0	PEDESTAL	A-D, F
BBH 116	RUNTAL	R2F-3	108"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 117	RUNTAL	R2F-3	120"	4.9	120	100	0.6	0.27	70.0	PEDESTAL	A-D, F
BBH 118	RUNTAL	R2F-3	240"	10.9	120	100	1.2	0.54	70.0	PEDESTAL	A-D, F
BBH 119	RUNTAL	R2F-3	312"	14.2	120	100	1.5	0.67	70.0	PEDESTAL	A-D, F
BBH 120	RUNTAL	R2F-3	336"	15.8	120	100	1.7	0.76	70.0	PEDESTAL	A-D, F
BBH 121	RUNTAL	R2F-2	108"	3.9	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 122	RUNTAL	R2F-2	96"	3.4	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 123	RUNTAL	R2F-2	168"	6.0	120	100	0.7	0.31	70.0	PEDESTAL	A-D, F
BBH 124	RUNTAL	R2F-2	72"	2.6	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 125	RUNTAL	R2F-2	108"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 126	RUNTAL	R2F-2	228"	8.2	120	100	0.9	0.40	70.0	PEDESTAL	A-D, F
BBH 127	RUNTAL	R2F-2	108"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 128	RUNTAL	R2F-2	228"	8.2	120	100	0.9	0.40	70.0	PEDESTAL	A-D, F
BBH 129	RUNTAL	R2F-2	108"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 130	RUNTAL	R2F-2	228"	8.2	120	100	0.9	0.40	70.0	PEDESTAL	A-D, F
BBH 131	RUNTAL	R2F-2	108"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 132	RUNTAL	R2F-2	228"	8.2	120	100	0.9	0.40	70.0	PEDESTAL	A-D, F
BBH 133	RUNTAL	R2F-2	108"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 134	RUNTAL	R2F-2	228"	8.2	120	100	0.9	0.40	70.0	PEDESTAL	A-D, F
BBH 135	RUNTAL	R2F-2	60"	3.0	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 136	RUNTAL	R2F-2	120"	4.3	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 137	RUNTAL	R2F-2	144"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 138	RUNTAL	R2F-2	96"	3.4	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 139	RUNTAL	R2F-2	144"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 140	RUNTAL	R2F-2	96"	3.4	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 141	RUNTAL	R2F-2	144"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 142	RUNTAL	R2F-2	96"	3.4	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 143	RUNTAL	R2F-2	144"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 144	RUNTAL	R2F-2	96"	3.4	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 145	RUNTAL	R2F-2	96"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 146	RUNTAL	R2F-2	96"	3.4	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 147	RUNTAL	R2F-2	108"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 148	RUNTAL	R2F-2	36"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 149	RUNTAL	R2F-2	168"	3.8	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 150	RUNTAL	R2F-2	48"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 151	RUNTAL	R2F-2	168"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 152	RUNTAL	R2F-2	156"	5.6	120	100	0.6	0.27	70.0	PEDESTAL	A-D, F
BBH 153	RUNTAL	R2F-2	60"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 155	RUNTAL	R2F-2	72"	3.1	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 156	RUNTAL	R2F-1	84"	1.9	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 157	RUNTAL	R2F-1	168"	3.7	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 158	RUNTAL	R2F-1	144"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 159	RUNTAL	R2F-1	120"	2.7	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 160	RUNTAL	R2F-1	120"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 161	RUNTAL	R2F-1	120"	2.7	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 162	RUNTAL	R2F-1	48"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 163	RUNTAL	R2F-1	120"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 164	RUNTAL	R2F-1	120"	2.7	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 165	RUNTAL	R2F-1	120"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 166	RUNTAL	R2F-1	132"	2.9	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 167	RUNTAL	R2F-1	120"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 168	RUNTAL	R2F-1	120"	2.7	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 169	RUNTAL	R2F-1	120"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 170	RUNTAL	R2F-1	72"	1.6	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 171	RUNTAL	R2F-1	120"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 172	RUNTAL	R2F-1	120"	2.7	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 173	RUNTAL	R2F-1	120"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 174	RUNTAL	R2F-1	120"	2.7	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 175	RUNTAL	R2F-1	120"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 176	RUNTAL	R2F-1	120"	2.7	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 177	RUNTAL	R2F-1	120"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 178	RUNTAL	R2F-1	120"	2.7	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F
BBH 179	RUNTAL	R2F-1	120"	0.0	120	100	-	-	70.0	PEDESTAL	A-C,E, F
BBH 180	RUNTAL	R2F-1	120"	2.7	120	100	0.5	0.23	70.0	PEDESTAL	A-D, F

MODEL NUMBERS SHALL NOT BE CONSIDERED COMPLETE AND MATERIAL SHALL NOT BE ORDERED BY MANUFACTURER AND MODEL NUMBERS ONLY. REVIEW THE COMPLETE DESCRIPTION, NOTES AND SPECIFICATIONS TO DETERMINE THE EXACT MATERIAL AND ACCESSORIES TO BE ORDERED. THE MANUFACTURERS LISTED ARE THE BASIS FOR THE DESIGN.

NOTES:

A. PROVIDE NECESSARY MOUNTING BRACKETS AND ACCESSORIES (UNIT SHALL BE APPROVED FOR ZERO CLEARANCE).
B. TYPICAL CONTROL BY VAV THERMOSTAT. REFER TO DRAWINGS FOR UNIT WITH INDEPENDENT THERMOSTAT. CONTROLS CONTRACTOR SHALL PROVIDE INDEPENDENT THERMOSTAT.
C. ENCLOSURE SHALL BE STEEL WITH SATIN NICKEL R640 FINISH. AIR GRILLES SHALL BE EXTRUDED ALUMINUM WITH CLEAR ANODIZED ALUMINUM FINISH.
D. PROVIDE 4" HIGH SUPPORT LEGS FOR FLOOR-MOUNTED UNITS.
E. BLANK-OFF SECTION.
F. REFER TO PIPING DRAWINGS FOR CV VALUES IN SITUATIONS WHERE PIPING IS EXTENDED THROUGH MORE THAN ONE BASEBOARD HEATER.

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WC3 DESIGN
11A ROBINSON MANOR BLVD.
MCKEES ROCK, PA 14136
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PSW Job Number:
993A

Henderson Job Number:
2150002607

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No. 11393 ARRON S. COOPER

03/21/2024

AWSOM
Bentonville, AR

Issue Date:
02.24.2023

REVISIONS

NUMBER	DATE	DESCRIPTION
1	03.10.23	Addendum 1
2	06.09.23	Addendum 2
3	09.27.23	PR-012
4	03.21.24	PR-042

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MECHANICAL SCHEDULES

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