EXHAUST FAN SCHEDULE

Tag	Manufacturer	Model	Type	Drive	CFM	E.S.P.	Motor						Sone	Weight	Furnished	Installed	Comments
						IN. W.C.	H.P.	Volts	PH.	Hz.	FLA	RPM	Level	lbs.	By	By	
EF-1/PCU	Captive-Aire	SIF24DD	Inline	Direct	3200	1.5	7.5	208	3	60	20.5	1385	30.0	2248	HS	GC	See Captive-Aire drawings for options & accessories.
EF-2	Captive-Aire	CFA 250CA	Inline	Direct	150	0.6	.6	115	1	60	2.1	704	N/A	29	HS	GC	See Captive-Aire drawings for options & accessories.
EF-3	Captive-Aire	CFA 200CA	Ceiling	Direct	50	0.5	.5	115	1	60	1.8	532	N/A	25	HS	GC	See Captive-Aire drawings for options & accessories.

OUTDOOR AIR COOLED CONDENSING UNIT SCHEDULE

Unit ID	Nominal Cooling Capacity (Tons)	Manuf.	Model	Description	Refrig. Type	Refrig. Charge	Unit Electrical Data					Unit Installed Weight lbs.	Furnished By	Installed By	Comments
							Voltage	Phase	Hz.	FLA	MOCP				
CU-1	-	Manitowoc (Harford)	PCL99MOP-3	Walk-in Cooler Remote CU	R-404A	-	208	3	60	6.5	15	200	WCS	GC	Furnished with walk-in cooler

AIR DOOR SCHEDULE

ID	Manufacturer	Model	Airflow			Electrical			Remarks
			Max FPM	Avg FPM	CFM	KW	V/P/H	FLA	
AD-1	Berner	ALC081072E	3600	2058	2072	11.2	208/3/60	32.8	

MAKE-UP AIR UNIT SCHEDULE

Unit ID	Manuf.	Model	Orientation	Fan Performance				RPM	Heating Performance							Unit (Fan) Electrical Data					Unit Installed Weight lbs.	Furnished By	Installed By	Comments
				Design Supply Air (CFM)	Min CFM	Total E.S.P. in. w.c.	Motor Nominal HP		Type	Design KW	Max KW	Heater Electrical Data Volts	Phase	Amps	Temperature Rise °F D.B.	Voltage	Phase	Hz.	MCA	MOCP				
MAU-1	Captive-Aire	A1-E.362-15D	Horizontal	1950	800	0.50	2	1919	Electric	29	36	208	3	86.6	47.0	208	3	60	7.7	15	538	HS	GC	See Captive-Aire drawings for options & accessories.

VENTILATION SCHEDULE

Space Served		Calculation of Minimum Outside Air (OA) Per NYC MC 2014										OA CFM		Ventilation	Comments
Name	Area (SQ.FT.)	Classification	Based on Occupancy					Based on CFM / SQ.FT.		Based on Exhaust				Required	Provided	System	
			Persons Per 1000 SQ.FT.	Estimated Max. Occupant Load	Design Occupant Load	CFM Per Person	Total OA CFM	CFM Per SQ.FT.	Total OA CFM	Fixture Quantity	CFM Per Fixture	CFM Per SQ.FT.	Total Exhaust CFM				
101-Dining	503	Food and beverage service: Cafeteria, fast food	100	50	29	7.5	217.5	0.18	91					308	392	AC-2	See Note 1
102-Utensil	30	Public spaces, Corridors and utilities						0.06	2					2	2	AC-2	
103-Passage	32	Public spaces, Corridors and utilities						0.06	2					2	2	AC-2	
105-Ordering	87	Food and beverage service: Cafeteria, fast food	100	9	9	7.5	65.25	0.18	16					81	103	AC-2	See Note 1
111-Unisex	49	Public spaces: Toilet rooms - public							0	1	70		70	0	0	EF-2	
112-Unisex	41	Public spaces: Toilet rooms - public							0	1	70		70	0	0	EF-2	
Totals:	742				38									393	500	AC-2	
104-POS	75	Food and beverage service: Cafeteria, fast food	100	8	2	7.5	15	0.18	14					29	155	AC-1	See Note 1
106-Serving	72	Food and beverage service: Cafeteria, fast food	100	7	4	7.5	30	0.18	13					43	233	AC-1	See Note 1
107-Cooking	459	Food and beverage service: Kitchens (cooking)					0					0.7	321	0	0	EF-1/PCU	
108-Kitchen	162	Food and beverage service: Cafeteria, fast food	100	16	4	7.5	30	0.18	29					59	321	AC-1	See Note 1
109-Office	40	Offices: Office spaces	5	0	1	5	5	0.06	2					7	40	AC-1	
113-Trash Room	38	Public spaces, Corridors and utilities						0.06	2					2	12	EF-3	
Totals:	846				11									138	750	AC-1	

Notes:

1. Classification of "Food and beverage service, Cafeteria, fast food" results in an estimated quantity of people on a square footage basis that is unrealistic with regard to the actual use of the space. The calculated number of people has been noted in the abcve calculation, but an alternative, reasonably conservative actual maximum occupancy (which is supported by the Owner's historical data) is utilized in the calculation for the Total Outside Air CFM required for the respective Zones. The code-mandated value of 7.5 cfm/person for "Food and beverage service, Cafeteria, fast food" is used in the calculation.

SELF-CONTAINED UNIT SCHEDULE

Unit ID	Nominal Cooling Capacity Tons	Manuf.	Model	Area Served	Orientation	Fan Performance				Cooling Capacity					Heating Performance			Unit Electrical Data					Unit Installed Weight lbs.	Furnished By	Installed By	Accessories, Features & Options											Comments
						Air Balance		Motor	Total	Net Capacity		Efficiency	EAT (Deg. F)		Cond.	Type	KW	Discharge Temp (Deg. F)	Voltage	Phase	Hz.	MCA	MOCP				1	2	3	4	5	6	7	8	9	10	11	12	
						Supply CFM	Outdoor CFM	Hp	E.S.P. in. w.c.	Total MBH	Sensible MBH	(S)EER	DB	WB	EAT (Deg. F)																							
AC-1	8	Skil-Aire	PAA-096-H3	Kitchen	Horizontal	3000	750	2	1.0	93.3	67.9	11.4	80.0	67.0	95.0	See Electric Duct Heater			208	3	60	46.7	60	870	HES	GC	X	X		X	X	X	X	X	X	X	X	X	
AC-2	5	Skil-Aire	PAA-060-H3	Dining Room	Horizontal	2000	500	1	1.0	64.0	45.9	(14.0)	80.0	67.0	95.0	Schedule for Information			208	3	60	28.7	45	780	HES	GC	X	X		X	X	X	X	X	X	X	X	X	

Notes that apply to all units:

1. Static pressure indicated above is the external static pressure which excludes any pressure drops within the unit.
2. Unit shall be complete with side outlet drain and access doors. Outside air dampers shall be equipped with blade and jamb seals.
3. Contractor to ensure that outdoor air intakes are a minimum of 10'-0" away from any exhaust fan discharge, plumbing vent or other contaminant source.
4. Maximum air velocity through cooling coil shall not exceed 500 feet per min.
5. Provide 4 sided factory roof curb suitable for seismic conditions of project location.
6. Perform testing and balancing and submit reports to the engineer in accordance with specification.
7. Refer to roof framing plan for exact location of rooftop units.
8. Mechanical subcontractor shall affix unit designation decal on unit.
9. Unit to operate at 7 in. w.g. natural gas pressure. See Manufacturer's specifications for final connection size to unit.
10. Provide alternate bid to supply all rooftop units with coastal package (coated coils, painted rails, etc.) when site is located within 5 miles of the coast.

Accessories, Features & Options:

1. MERV-8 filters.
2. Condensate pump (factory provided, field installed), with integral float switch, pump & motor assembly, check valve, and reservoir.
3. M.O.D.
4. 0 degF - low ambient VFD (condenser section)
5. Unit mounted convenience receptacle (by Electrical Contractor)
6. R.A. & S.A. smoke detector (by manufacturer) w/ remote keyed annunciator/reset (by Electrical Contractor).
7. Manufacturer's air-side economizer and controls & pre-fabricated mixing box (orientation per plan).
8. Drip pan.
9. Toolless access panels.
10. Unit shall be charged with refrigerant type R-410A
11. Disconnect.
12. Hi-static motor

GRILLES, REGISTERS, AND DIFFUSERS SCHEDULE

Tag	Description	Size	Material	Finish	Mounting	Furnished By	Installed By	Manufacturer	Model	Notes
BS-1	Bathroom Air Purification Unit		Stainless Steel	Stainless Steel	Surface Mount	TUV	GC	RGF Environmental Group	BRU Assembly	See electrical sheets for connection information
CD-1	Perforated ceiling diffuser	Face: 24"x24" Neck: Varies	Aluminum	White	Lay-in ceiling	GC	GC	Nailor	4320A Type L	Provide with integral OBD
CD-2	Perforated ceiling diffuser	Face: 24"x12" Neck: Varies	Aluminum	White	Lay-in ceiling	GC	GC	Nailor	4320A Type L	Provide with integral OBP Remove 4-way deflectors
ER-1	Perforated ceiling exhaust	Face: 12"x12" Neck: Varies	Aluminum	White	Surface Mount	GC	GC	Nailor	4330R Type S	Provide with integral OBD
RG-1	Perforated ceiling return	Face: 24"x24" Neck: Varies	Aluminum	White	Lay-in ceiling	GC	GC	Nailor	4330R Type L	
SR-1	Adjustable turbo nozzle	14" RD. Neck	Aluminum	White	Wall	GC	GC	Air Concepts	ANR-14	Provide w/ concealed mounting & face-accessible OBD
SR-2	Double-deflection supply register	Neck: Varies	Aluminum	White	Wall	GC	GC	Nailor	51DH	Provide integral OBD

AIR BALANCE CALCULATIONS

System	Supply Air CFM	Return Air CFM	Outdoor Air CFM	Exhaust Air CFM	Pressure CFM
AC-1	3000	2250	750		750
AC-2	2000	1500	500		500
MAU-1	1950	0	1950		1950
EF-1				3200	-3200
EF-2				150	-150
EF-3				50	
Total	6950	3750	3200	3400	-150

CONTROL FUNCTIONS

A. THE MAIN COOKING EXHAUST FAN AND MAKE-UP AIR UNIT SHALL BE INTERLOCKED TO OPERATE TOGETHER. THIS CONTROL CIRCUIT IS ACTIVATED BY A SWITCH AND INCLUDES A FIRE PROTECTION OVERRIDE.

B. THE TEMPERATURE IN EACH ZONE IS CONTROLLED BY SPACE TEMPERATURE SENSORS CONNECTED TO THE THERMOSTATS LOCATED IN THE OFFICE. ALL ZONES SHALL OPERATE WITH CONTINUOUS FAN OPERATION DURING OCCUPIED TIMES AND INTERMITTENLY AS NEEDED TO MAINTAIN SET POINTS DURING UNOCCUPIED TIMES. OUTSIDE AIR DAMPERS SHALL BE OPEN CONTINUOUSLY WHEN EITHER IN OCCUPIED MODE OR WHEN HOOD SYSTEM IS ON AND SHALL BE CLOSED DURING UNOCCUPIED PERIODS.

C. THE THERMOSTATS SHALL DETERMINE OCCUPIED/UNOCCUPIED STATUS BASED ON THE SCHEDULE IN THE ENERGY MANAGEMENT SYSTEM.

2020-DB#3/P#1-2

Consultant:

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ISSUE FOR CONSTRUCTION
09/26/2022

REV.	DATE	DESCRIPTION
	07/01/22	LLD REVIEW SET
	07/01/22	PERMIT SET
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	09/26/2022	CONSTRUCTION SET

PROFESSIONAL SEAL

Michael L. Wilson, P.E.
NY License #073765-1

PROFESSIONAL IN CHARGE: Michael L. Wilson, P.E.
DRAWN BY: PCE
CHECKED BY: AJS

PROJECT NUMBER:
22012

SHEET TITLE:
HVAC SCHEDULES

SHEET NUMBER:
M-600.00

DOB NOW Filing #: B00764587-I1

DUCTWORK INSULATION SPEC

6. DUCTWORK INSULATION

a. ALL NEW AND EXISTING CONCEALED SHEET METAL SUPPLY DUCTWORK (AND RETURN DUCTWORK IN UNCONDITIONED SPACES) SHALL BE INSULATED WITH 2" THICK FLEXIBLE DUCT INSULATION, WITH A MINIMUM R VALUE OF 6, WITH REINFORCED FOIL FACED, FLAME RESISTANT, ALUMINUM FOIL VAPOR BARRIER SIMILAR TO KNAUF FRIENDLY FEEL DUCT WRAP WITH ECOSE. THE DUCT SIZES SHOWN ON THE FLOOR PLANS ARE CLEAR INSIDE DIMENSIONS. THE SHEET METAL SIZE SHALL BE INCREASED TO ACCOMMODATE THE LINER. INSULATION AND FACING WILL HAVE A COMBINED FLAME SPREAD RATING NO GREATER THAN 25 AND SMOKE DEVELOPED RATING NOT EXCEEDING 50. ALL INSULATION SHALL BE SECURED WITH DUCT ADHESIVE AND SEEMS SEALED BY TWO-INCH SEALING LIP WITH ADHESIVE AND FASTENED WITH 16 GAUGE RUST RESISTANT WIRE OR FIBERGLASS CORD ON 12" CENTERS. ON DUCTS OVER 24" WIDE, WELDED PINS AND CLIPS SHALL BE USED ON THE UNDERSIDE FOR FASTENING INSULATION.

b. FRESH AIR INTAKE, MIXED AIR DUCTWORK AND LOUVER BLANK-OFF PANELS SHALL BE INSULATED WITH RIGID DUCT INSULATION 2" THICK WITH A MINIMUM R VALUE OF 8, WITH WHITE VINYL FOIL BARRIER FACING SIMILAR TO KNAUF ECLIPSE DUCTBOARD WITH ECOSE. INSULATION AND FACING WILL HAVE A COMBINED FLAME SPREAD RATING NO GREATER THAN 25 AND SMOKE DEVELOPED RATING NOT EXCEEDING 50. INSULATION SHALL BE IMPALED OVER WELDED PINS WITH CLIPS FIRMLY EMBEDDED INTO INSULATION. ALL JOINTS AND CLIPS SHALL BE SEALED WITH MATCHING STRIPS OF VINYL COATED VAPOR BARRIER LAMINATE SIMILAR TO OWENS CORNING 24 ASJ FOR DUCTS.

c. ALL SEALING TAPE SHALL CONFORM TO UL181A OR UL181B WHEN USED AS PRIMARY SEALANT.

ENERGY ANALYSIS (DUCTWORK INSULATION) CLIMATE ZONE 4A

ITEM DESCRIPTION	PROPOSED DESIGN VALUE	CODE PRESCRIBED VALUE
ALL SUPPLY & RETURN DUCTWORK INSIDE BUILDING	R-VALUE > 6	R-VALUE > 6
FRESH AIR INTAKE DUCTWORK	R-VALUE > 8	R-VALUE > 8

NOTES: ALL SEALING TAPE SHALL CONFORM TO UL-181A OR UL-181B WHEN USED AS A PRIMARY SEALANT.

TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 NEW YORK CITY ENERGY CONSERVATION CODE.

REQUIRED INSPECTIONS

SPECIAL INSPECTIONS SHALL BE MADE BY A "SPECIAL INSPECTOR", AN ENGINEER, OR ARCHITECT LICENSED IN NEW YORK STATE WORKING FOR AN APPROVED SPECIAL INSPECTION AGENCY. THE SPECIAL INSPECTOR SHALL MEET THE QUALIFICATIONS REQUIREMENTS AS DEFINED BY THE NYC BUILDING CODE AND ALL RELEVANT MEMORANDA AND DIRECTIVES THAT APPLY TO THIS WORK. ALL INSPECTIONS SHALL BE MADE IN ACCORDANCE WITH CHAPTER 17 OF THE 2014 NYC BUILDING CODE AND THE DEPARTMENT'S SPECIAL INSPECTIONS RULE.

THE SELECTED CONTRACTOR IS RESPONSIBLE FOR ARRANGING FOR AND PERFORMING THE REQUIRED NEW YORK CITY DEPARTMENT OF BUILDINGS SPECIAL INSPECTIONS WITH THE SELECTED EXPEDITOR OF RECORD.

SPECIAL INSPECTIONS ARE REQUIRED FOR:
a) MECHANICAL SYSTEMS (BC 1704.16)
b) FINAL INSPECTION UNDER DIRECTIVE 14
c) ENERGY CODE INSPECTIONS (NYC AND 1RCNY5000)
d) HVAC-R AND SERVICE HEATING EQUIPMENT
e) HVAC-R AND SERVICE WATER HEATING SYSTEM CONTROLS
f) HVAC-R AND SERVICE WATER PIPING DESIGN & INSULATION

BUILDING DEPARTMENT NOTES

1. ALL WORK SHALL COMPLY WITH THE APPLICABLE SECTIONS OF THE BUILDING CODE, CITY OF NEW YORK, EFFECTIVE DECEMBER 31, 2014 AND ALL AMENDMENTS TO DATE, MATERIALS AND EQUIPMENT SUBJECT TO CONTROLLED INSPECTION.

2. MECHANICAL VENTILATION AIR CONDITIONING AND REFRIGERATION: INSPECTION AND TESTS OF THE REQUIRED VENTILATION SYSTEMS AND NOISE CONTROL AS CHAPTER 17 OF THE NEW YORK CITY BUILDING CODE AND CHAPTER 1 OF THE NEW YORK CITY MECHANICAL CODE.

3. THE FOLLOWING WORK ITEMS, COMPONENTS, MATERIALS, CAPACITIES, ETC., SHALL COMPLY WITH THE FOLLOWING CODE REFERENCE.
3.1. DUCT CONSTRUCTION AND SUPPLY INTAKES, EXHAUST AND RELIEF FILTERS AS PER CHAPTER 6 OF THE 2014 NEW YORK CITY MECHANICAL CODE.
3.2. NOISE CRITERIA LEVELS AND TEST PROCEDURE FOR SOUND POWER LEVELS AS PER CHAPTER 9, SECTION 928 OF THE 2014 NEW YORK CITY MECHANICAL CODE.
3.3. ELECTRIC WIRING EQUIPMENT, FIRE CONTROL AND CONTROLS MINIMUM TEMPERATURE TO BE MAINTAINED IN OCCUPIED SPACES DURING HEATING SEASON AS PER NEC.
3.4. 70 DEGREE F WHEN 5 DEGREE OUTSIDE (WITH 15 MPH WIND) AS PER ASHRAE.

4. REFER TO ARCHITECTURAL DRAWING FOR FIRE RATED WALL LOCATIONS AND RATED CONSTRUCTION.

5. THE VENTILATION REQUIREMENTS FOR ALL AREAS COMPLIES WITH THE MINIMUM CODE REQUIREMENTS OF CHAPTER 4 (VENTILATION) OF THE NEW YORK CITY MECHANICAL CODE. THE VENTILATION REQUIREMENTS ARE MADE WITHOUT TAKING ANY CREDIT FOR EXTERIOR WINDOWS AND/OR OPENING IN AIR CONDITIONED AREAS.

6. UPON COMPLETION OF THIS VENTILATION SYSTEM, A TEST SHALL BE CONDUCTED IN THE PRESENCE OF AND DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR HAVING NOT LESS THAN FIVE (5) YEARS OF EXPERIENCE SUPERVISING INSTALLATION OF VENTILATING SYSTEMS. THE TEST SHALL SHOW COMPLIANCE WITH THE CODE REQUIREMENTS FOR VENTILATION AND THE PROPER FUNCTIONING OF ALL OPERATING DEVICES BEFORE THE SYSTEM IS APPROVED. THE LICENSED PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT WHO CONDUCTS THE TESTS SHALL FILE A CERTIFICATE AS TO WHETHER THE SYSTEM COMPLIES WITH THE APPLICABLE LAWS. HE SHALL ALSO FILE WITH THE CERTIFICATION, A REPORT OF THE TEST, THE TEST AND REPORT SHALL BE MADE IN A MANNER SATISFACTORY TO THE SUPERINTENDENT. A STATEMENT SHALL BE FILED BY THE OWNER OR TENANT IN POSSESSION THAT THE SYSTEM WILL BE KEPT IN CONTINUOUS OPERATION AT ALL TIMES DURING NORMAL OCCUPANCY OF THE STRUCTURE AS PROVIDED IN THE APPLICABLE SECTIONS OF THE CODE. BASE BUILDING PLANS ARE FILED FOR SINGLE TENANT OCCUPANCY. ALL TENANT PLANS WILL BE FILED UNDER SEPARATE APPLICATIONS.

7. DETAIL OF DUCT SUPPORTS SHALL BE IN ACCORDANCE WITH THE 2014 NEW YORK CITY MECHANICAL CODE. UNLESS OTHERWISE NOTED, ALL DUCTS SHALL BE CONSTRUCTED OF GALVANIZED IRON. SEE DETAIL FOR METHOD USED FOR HANGING DUCT.

8. ALL VENTILATING AND HANGING DUCTWORK, BOTH HIGH AND LOW VELOCITY, TO BE CONSTRUCTED IN ACCORDANCE WITH THE DUCT MANUALS OF SMACNA, LATEST EDITION.

9. ALL FIRE DAMPERS SHALL BE APPROVED BY THE NEW YORK CITY BOARD OF STANDARDS AND APPEALS AND SHALL BE MANUFACTURED AND INSTALLED IN ACCORDANCE WITH THE STANDARDS OF THE NATIONAL BOARD OF FIRE UNDERWRITERS (NBFU PAMPHLETS 90A AND 90B). FIRE DAMPERS SHALL BE AIR BALANCE AND TESTING CO., B.S.A. CATALOG NO. 100-6-SM OR IF DIFFERENT MANUFACTURED, NUMBER SHALL BE FILED AT THE COMPLETION OF THE INSTALLATION.

10. THIS PLAN IS APPROVED ONLY FOR WORK INDICATED ON THE APPLICATION SPECIFICATION SHEET. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON, OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

11. TO THE BEST OF MY KNOWLEDGE, BELIEF AND PERSONAL JUDGEMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 NEW YORK CITY ENERGY CONSERVATION CONSTRUCTION CODE.

DUCT INSULATION

PER SECTION C403.11.1 OF THE 2020 NYC ENERGY CONSERVATION CODE, ALL SUPPLY & RETURN DUCTS & PLENUMS SHALL BE INSULATED IN THE FOLLOWING MANNER:

- LOCATED IN UNCONDITIONED SPACES: MINIMUM OF R-6 INSULATION
- LOCATED OUTSIDE THE BUILDING: MINIMUM OF R-8 INSULATION (CLIMATE ZONES 1-4) AND R-12 INSULATION (CLIMATE ZONES 5-8)
- LOCATED WITHIN A BUILDING ENVELOPE ASSEMBLY: SEPARATED FROM THE BUILDING EXTERIOR, UNCONDITIONED, OR EXEMPT SPACE BY A MINIMUM OF R-8 INSULATION (CLIMATE ZONES 1-4) AND R-12 INSULATION (CLIMATE ZONES 5-8)

NYCECC 2020 - TABLE C403.2.10: MINIMUM PIPE INSULATION THICKNESS

FLUID OPERATING TEMPERATURE RANGE AND USAGE (°F)	INSULATION CONDUCTIVITY		NOMINAL PIPE OR TUBE SIZE (in.)				
	CONDUCTIVITY Btu-in / (hr-ft2-°F)	MEAN RATING TEMPERATURE (°F)	< 1.0	1.0 < 1.5	1.5 < 4.0	4.0 to < 8.0	8.0 and up
> 350	0.32 - 0.34	250	4.5	5.0	5.0	5.0	5.0
251 - 350	0.29 - 0.32	200	3.0	4.0	4.5	4.5	4.5
201 - 250	0.27 - 0.30	150	2.5	2.5	2.5	3.0	3.0
141 - 200	0.25 - 0.29	125	1.5	1.5	2.0	2.0	2.0
105 - 140	0.21 - 0.28	100	1.0	1.0	1.5	1.5	1.5
40 - 60	0.21 - 0.27	75	0.5	0.5	1.0	1.0	1.0
< 40	0.20 - 0.26	50	0.5	1.0	1.0	1.0	1.5

SPLIT TYPE AC UNIT SCHEDULE

UNIT ID	INDOOR UNIT			OUTDOOR CONDENSING UNIT							SEER	HSPF	ACCESSORIES
	MODEL	CAPACITY (BTUH) TOTAL	WEIGHT LBS	MODEL	MCA	MAX FUSE	ELECTRICAL VOLTS	PH	HZ	WEIGHT LBS			
AHU/ACC-1	DHX09NWB21S	9,000	22.0	DHX09CSB21S	9	15	208	1	60	32.8	23.0	10.5	1,2,3

NOTES
1. Unit Selection Based On York.
2. All Remote Condensing Units Shall Be Securely Mounted On Equipment Curbs, Flashed To Roof, Where Applicable.
3. All Refrigerent Piping Shall Be Sized And Installed As Per The Unit Manufacturer's Recommendations.
4. AHU and ACC Shall Be Of The Same Manufacturer.

ACCESSORIES
1. Provide Low Ambient Control.
2. Remote Mounted Temperature Controller.
3. Condensate Pump.

ELECTRIC DUCT HEATER SCHEDULE

Unit ID	Manuf.	Model	Matched Indoor Unit	Discharge Temp. °F D.B.	Duct Dimensions (Inches) Width X Height	Unit Electrical Data KW	Voltage	Phase	Hz.	Control Circuit Voltage	Accessories, Features & Options 1	2	3	4	Comments
EDH-1	Indeeco	QUZ	AC-1	97.2	16 x 24	36	208	3	60	24	X	X	X	X	
EDH-2	Indeeco	QUZ	AC-2	107.4	16 x 18	30	208	3	60	24	X	X	X	X	

Accessories, Features & Options:
1. Provide manuf. disconnect.
2. Duct thermostat to maintain discharge temp.
3. Provide airflow proving switch.
4. Automatic reset thermal cutout.

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PROFESSIONAL SEAL

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NY License #073765-1

PROFESSIONAL IN CHARGE: Michael L. Wilson, P.E.
DRAWN BY: PCE
CHECKED BY: AJS

PROJECT NUMBER:
22012

SHEET TITLE:
HVAC SCHEDULES

SHEET NUMBER:
M-601.00
16 OF 18

DOB NOW Filing #: B00764587-I1

2020-DB#3/P#1-2