AIR COIL SCHEDULE (HYDRONIC) HEATING AND COOLING

TAG	LOCATION	AREA SERVED	MAX SUPPLY AIR (CFM)	TOTAL CAPACITY (MBH)	SENSIBLE CAPACITY (MBH)	FACE AREA (SQ FT)	COIL DATA: QUANTITY	TYPE	WIDTH (INCH)	HEIGHT (INCH)	MIN ROWS	MAX FIN/ IN	FLUID TYPE	TUBE DIAM (IN)	TUBE THICKNESS (IN)	MAX FACE VELOCITY (FPM)	MAX AIR PRES DROP (IN WC)	AIR TEMPERATURE (DEG F): ENTER DB	ENTER WB	LEAVG DB	LEAVG WB	WATER TEMP (DEG F): ENTERING	LEAVING	COIL FLOW DATA: RATE (GPM)	MAX PD (FT)	MAX VEL (FPS)	UNIT DATA: MANFR	MODEL	NOTES
CC-1	AHU-1	KITCHEN, DINING	8000	338	240	21.44	1	FULL CIRCUIT	77.0	40.1	8	8	UP TO 30% P.G.	0.50	NA	373	0.68	83	68	55.6	54.5	44	58	51	2.2	2.3	CARRIER	39MN21	1
HC-1	AHU-1	KITCHEN, DINING	8000	345	NA	21.44	1	FULL CIRCUIT	77.0	40.1	2	8	UP TO 30% P.G.	0.50	NA	373	0.18	35	NA	75	NA	150	130	25	1.0	1.1	CARRIER	39MN21	2
CC-2	AHU-2	CLASSRMS PUBLIC	17000	808	551	40.0	1	FULL CIRCUIT	107.0	53.8	10	8	UP TO 30% P.G.	0.50	NA	425	0.97	83	68	53.3	52.5	44	58	122	3.5	4.3	CARRIER	39MN40	1
HC-2	AHU-2	CLASSRMS PUBLIC	17000	456	NA	40.0	1	HALF CIRCUIT	107.0	53.8	1	8	UP TO 30% P.G.	0.50	NA	425	0.14	45	NA	70	NA	150	130	35	1.5	2.3	CARRIER	39MN40	2

NOTES:

1. CHILLED WATER COIL: BASE RAIL BREAK, STAINLESS STEEL DRAIN PAN RIGHT SIDE CHILLED WATER COIL CONNECTIONS RIGHT SIDE, ALUM FINS, GALV. CASING, DUAL STEEL HEADERS
2. HOT WATER COIL: ~~STAINLESS STEEL DRAIN PAN~~ RIGHT SIDE HOT WATER COIL CONNECTIONS RIGHT SIDE, ALUM FINS, GALV. CASING, DUAL STEEL HEADERS
3.
4.
5.
6.
7.
8.

SPLIT-SYSTEM AIR CONDITIONING UNIT SCHEDULE

TAG	LOCATION	SERVICE	NOMINAL COOLING CAPACITY (TONS)	SUPPLY FAN: AIR FLOW (CFM)	HP	ESP INCH	RPM	REFRIGERANT DATA: TYPE	CIRCUITS	SUCTION LINE (IN-DIAM)	LIQUID LINE (IN-DIAM)	HOT GAS VERT (IN-DIAM)	HOT GAS HORZ (IN-DIAM)	FILTERS: NO.	SIZE	EFF (%)	HUMIDIFIER HEATER			ELECTRICAL DATA: VOLTS	PHASES	HERTZ	FLA	MCA	MOCP	NOTES	UNIT DATA: LOCAL DISCONNECT	UNIT WEIGHT (LBS	MANFR	MODEL
AC-1	1ST FLR MDF ROOM	1ST FLR MDF ROOM	2.0	645	0.5	0.2	1335	R-410A	1	5/8	3/8	NA	NA	2.0	12.5 X 16.1	30	NA	NA	NA	208	1	60	1	1	15.0	1, 2, 3, 4, 5	NO	80	CARRIER	40QNC024-3

NOTES:

1. PROVIDE WITH BAS MONITOR CONNECTIONS.
2. R-410A REFRIGERANT
3. DISCONNECT SWITCH BY OTHERS
4. PROVIDE WITH LOW AMBIENT CONTROL
5. PROVIDE CONDENSATE PUMP WITH 12FT FOOT LIFT
6.
7.
8.

AIR HANDLING UNIT SCHEDULE

TAG	LOCATION	AREA SERVED	AIR VOLUMES: MAX SUPPLY AIR (CFM)	MIN OUTSIDE AIR (CFM)	MAX OUTSIDE AIR (CFM)	SUPPLY FAN: TOTAL SP (INCH)	EXT SP (INCH)	FAN SPEED (RPM)	SOUND LEVEL	TYPE	CLASS	HP	ELECTRICAL DATA: VOLTS	PHASES	HERTZ	AIR HANDLING UNIT SECTIONS (LENGTH & TAG): MIX AIR	FILTER (NOTES #4&5)	HEATING COIL	COOLING COIL	SUPPLY FAN	VFD	EXH RET FAN	UNIT WEIGHT (LBS)	UNIT DATA: DIMENSIONS (L X W X H, FT IN)	MANFR	MODEL	NOTES
AHU1	1ST FLR MECH RM	KITCHEN & DINING	8000	2800	8000	4.1	2.00	1399	BELOW	PLENIUM	II	15	208	3	60	M-1	F-1A, F-1B	HC-1	CC-1	S-1	VFD-1	ER-1	6800	14' 7.4" X 6' 7" X 9' 11"	CARRIER	39MN21	1, 2, 3, 4, 5,6
				35%						92.4 % EFF		8.0 BHP				2'-3"	2'-0"	2'-6"	3'-4"	4'-6"				LENGTH			
																2.25	2.00	2.50	3.33	4.50				14.58			
AHU2	1ST FLR MECH RM	CLASSROOM AREAS	17000	4250	17000	4.48	2.00	1115	BELOW	PLENIUM	II	25	208	3	60	M-2	F-2A, F-2B	HC-2	CC-2	S-2	VFD-2	ER-2	11500	17' 3" X 9' 1" X 12' 11"	CARRIER	39MN40	1, 2, 3, 4, 5,6
				25%						93.6 % EFF		17.2BHP				3'-3"	2'-0"	2'-6"	3'-5"	6'-0"				LENGTH			
					MAX E/ R AIR (CFM)											3.25	2.00	2.50	3.42	6.00				17.17			
ER-1	1ST FLR MECH RM	KITCHEN & DINING	8000	NA	8000	1.1	1.1	569	BELOW	FORWARD CURVE	I	5	208	3	60	M-3	NA	NA	NA	NA		ER-2	ABOVE	ABOVE	CARRIER	39MN21	1, 2, 6
										89.5 % EFF		3.0 BHP				2'-3"						4'-0"		LENGTH			
																2.25						4.00		6.25			
ER-2	1ST FLR MECH RM	CLASSROOM AREAS	17000	NA	17000	0.9	0.9	424	BELOW	FORWARD CURVE	I	10	208	3	60	M-4	NA	NA	NA	NA		ER-2	ABOVE	ABOVE	CARRIER	39MN40	1, 2, 6
										91.7 % EFF		6.0 BHP				3'-3"						5'-0"		LENGTH			
																3.25						5.00		8.25			

1. UNIT FEATURES: STACKED AERO INDOOR AIR HANDLER UNIT;INSULATION: R-13 DOUBLE WALL SEALED PANEL, EXTERIOR & INTERIOR FINISH: GALVANIZED PANELS, CHAIR, INTERIOR LIGHT, KNEE WALL, BASE RAIL
2. SUPPLY FAN: **DIRECT-DRIVE PLENUM FAN**, 1.5 SERVICE FACTOR; **VARIABLE PITCH DRIVE**, VARIABLE FREQUENCY DRIVE–FIELD MOUNTED **WITHOUT** BYPASS, DOORS RIGHT & LEFT SIDE WITH SWITCHED MARINE LIGHT; **EXHAUST-RETURN FAN: BELT DRIVE, 1.5 SERVICE FACTOR, VARIABLE PITCH DRIVE, EXTRA BELTS DRIVE GUARD, VARIABLE FREQUENCY DRIVE–FIELD MOUNTED WITH BYPASS, DOORS RIGHT & LEFT SIDE WITH SWITCHED MARINE LIGHT**
3. COOLING COIL PLENUM: LENGTH 24 INCHES, STAINLESS STEEL DRAIN PAN, RIGHT & LEFT SIDE DOOR WITH SWITCHED MARINE LIGHT
4. FILTER MIXING BOX: DAMPER: REAR PREMIUM OPPOSED, 4 IN. FLAT PRE-FILTERS, 12 IN. SECONDARY FILTERS, DOOR RIGHT SIDE
5. 4 IN. FLAT PRE-FILTERS AND 12 IN. SECONDARY FILTERS QUANTITY: AHU-1 (6) 24 IN. X 24 IN.; AHU-2 (8) 24 IN. X 24 IN., (4) 12 IN. X 24 IN.
6. **NOTE: FOR THE ENTIRE MECHANICAL ROOM, PROVIDE ISOLATION, RESILIENT HANGERS FOR ALL PIPING, DUCTWORK, RACEWAY AND EQUIPMENT HUNG FROM STRUCTURE**
7.
8.

ACCOUSTIC DATA (HZ)

AHU-1 FAN	63	125	250	500	1000	2000	4000	8000
DISCHARGE	81	85	87	89	85	81	78	77
INLET	NA	NA	NA	NA	NA	NA	NA	NA
CASING	77	80	81	85	79	75	72	72

AHU-2 FAN	63	125	250	500	1000	2000	4000	8000
DISCHARGE	88	96	92	89	86	82	76	72
INLET	NA	NA	NA	NA	NA	NA	NA	NA
CASING	84	91	86	85	80	76	70	67

ER-1 FAN	63	125	250	500	1000	2000	4000	8000
DISCHARGE	NA	NA	NA	NA	NA	NA	NA	NA
INLET	84	79	70	64	66	61	58	48
CASING	83	77	69	64	64	59	46	39

ER-2 FAN	63	125	250	500	1000	2000	4000	8000
DISCHARGE	NA	NA	NA	NA	NA	NA	NA	NA
INLET	90	87	83	79	76	76	71	65
CASING	86	82	77	75	70	70	65	60

AIR-COOLED CONDENSING UNIT SCHEDULE

TAG	LOCATION	SERVICE	CAPACITY DATA: AMBIENT TEMP (DEG F)	SS TEMP (DEG F)	SC TEMP (DEG F)	HEAT REJECTION CAPACITY (BTUH)	CONTROL	COMPRESSOR DATA: TYPE	NO./ HP	RPM	STEPS	CONDENSER FAN: NO.	HP / AMPS EACH	TOTAL VOLUME (CFM)	ELECTRICAL DATA: VOLTS	PHASES	HERTZ	FLA	MCA	MOCP	LOCAL DISCONNECT	UNIT DATA: UNIT WEIGHT (LBS	MANFR	MODEL	NOTES
CU-1	ROOF	1ST FLR MDF ROOM	0 - 95	48	120	24000	_	SCROLL	2.0	_	1	1	0.2	840	208	1	60	NA	18	30.0	NO	250	CARRIER	38HDF024 - 3	1, 2, 3, 4

NOTES:

1. MOUNT ON ACCOUSTIC PADS ON ROOF EQUIPMENT CURBS
2. R-410A REFRIGERANT
3. DISCONNECT SWITCH BY OTHERS
4. PROVIDE WITH LOW AMBIENT CONTROL
5.
6.
7.
8.

REFRIGERATION SCHEDULE

VERIFY THE FINAL EQUIPMENT MODELS.

TAG/ UNIT	NO. OF COMPRS	CAPACITY - TONS	CAPACITY - HP	REFRIGERANT TYPE	WGT OF REFRIG (LBS/ OZ)	REMOTE OR SELF-CONTAINED	LOCATION OF COMPR	AIR OR WATER COOLED	COMPR MANUFR	COMPR TYPE	UNIT MANUFR	UNIT MODEL
CU-1	1	2.00	2.00	R-410A	5.4	REMOTE	ROOF	AIR COOLED	COPELAND	SCROLL	CARRIER	38HDF024 -3
C-1	2	92.00	92.00	R-134A	86.3	REMOTE	ROOF	AIR COOLED	COPELAND	SCROLL	CARRIER	30RAP100

AIR FILTER SCHEDULE - EDISON PARK ELEMENTARY SCHOOL ANNEX ADDITION

TAG	AHU SERVED	LOCATION	AIR VOLUME (CFM)	% EFF / MERV	FILTER TYPE		FACE AREA (SQ. FT.)	FACE VELOCITY (FPM)	FILTER ASSEMBLY	PRES DROP (INCH WC): INITIAL	FINAL	SYSTEM DESIGN PD (INCH WC)	MANUFACTURER & MODEL	REMARKS
F-1A	AHU-1	KITCHEN, DINING	8000	8	4 INCH FLAT	EXTENDED SURFACE	DISPOSABLE	24	333	AHU MANUFACTURER MODULE	0.27	0.34	0.34	CAMFIL FARR 30/30	1, 2, 4
F-1B	AHU-1	KITCHEN, DINING	8000	13	12 INCH CARTRIDGE	EXTENDED SURFACE	DISPOSABLE	24	333	AHU MANUFACTURER MODULE	0.41	0.93	0.93	CAMFIL FARR RIGA - FLO	1, 3, 4
F-2A	AHU-1	KITCHEN, DINING	17000	8	4 INCH FLAT	EXTENDED SURFACE	DISPOSABLE	40	425	AHU MANUFACTURER MODULE	0.27	0.34	0.34	CAMFIL FARR 30/30	1, 2, 4
F-2B	AHU-1	KITCHEN, DINING	17000	13	12 INCH CARTRIDGE	EXTENDED SURFACE	DISPOSABLE	40	425	AHU MANUFACTURER MODULE	0.41	0.97	0.97	CAMFIL FARR RIGA - FLO	1, 3, 4

1. AIR HANDLING UNIT MANUFACTURED MODULE FILTER SECTION WITH ACCESS DOORS, PRE- AND SECONDARY FILTER, SINGLE-SIDE ACCESS.
2. PRE-FITLER MEDIA: FIBROUS MATERIAL FORMED INTO DEEP-V-SHAPED PLEATS WITH ANTI-MICROBIAL AGENT AND HELD BY SELF-SUPPORTING WIRE GRID
3. SECONDARY FILTER MEDIA: UL 586, FIBROUS GLASS, CONSTRUCTED OF CONTINUOUS SHEETS WITH CLOSELY SPACED PLEATS WITH ALUMINUM SEPARATORS.
4. INSTALL FILTER GAGE FOR EACH FILTER BANK. INSTALL FILTER GAGE STATIC-PRESSURE TPS UPSTREAM AND DOWNSTREAM FROM FILTERS TO MEASURE PRESSURE DROP THROUGH FILTER. MOUNT FILTER GAGES ON OUTSIDE OF FILTER HOUSING IN AN ACCESSIBLE POSITION

LOUVER AIR FLOW SCHEDULE

TAG	LOCATION	SERVING SYSTEM	SERVICE	APPROX. AIR VOLUME (CFM)	MAX STATIC PRESSURE (INCH)	MINIMUM FREE AREA (SF)	MAX VELOCITY GROSS AREA (FPM)	LOUVER DIMENSIONS (W X H X D—INCHES)	MANUFACTURER & MODEL	REMARKS
OAL-1	WALL	AHU-1 AND AHU-2	ANNEX	25000	0.200	90	278	120 X 108 X 6	SEE SPEC	1, 2, 3, 4
EAL-1	WALL	AHU-1 AND AHU-2	ANNEX	25000	0.200	90	278	120 X 108 X 6	SEE SPEC	1, 2, 3, 4

NOTES:

1. SEE SECTION 08 91 00 SPECIFICATIONS FOR DETAILS. SOUND ATTENUATING LOUVER AS SPECIFIED.
2. CONTRACTOR MUST COORDINATE FLANGES, AND OTHER INSTALLATION DETAILS WITH THE ARCHITECTURAL DRAWINGS AND DIVISION 8 SPECIFICATIONS.
3. PROVIDE INSULATED SHEET PLENUM OVER ENTIRE INSIDE OF LOUVER.
4. EXTRUDED ALUMINUM, DRAINABLE BLADES, WITH BIRDSCREEN PER DIVISION 8 SPECIFICATIONS.

SOUND ATTENUATOR SCHEDULE

TAG	SERVICE	LOCATION	SYSTEM AIR VOLUME (CFM)	TOTAL AIR VOLUME (CFM)	DIMENSIONS (INCHES): WIDTH	HEIGHT	LENGTH	FACE AREA (SQ. FT.)	MAX FACE VELOCITY (FPM)	MINIMUM SOUND ATTENUATION (dBA PER OCTAVE BAND) DYNAMIC INSERTION LOSS (DIL): 63	125	250	500	1000	2000	4000	8000	MANUFACTURER	MODEL	REMARKS
ST-1	AHU-1 RETURN	MECH RM	8000	8000	44	44	60	13.4	595	13	21	35	41	41	28	21	15	IAC	5LFS	1

1. FILL MATERIAL: MOISTURE-PROOF NONFIBROUS MATERIAL. PROVIDE MYLAR OR TEDLAR COVER OVER FILL MATERIAL. FILL MATERIAL SHALL NOT BE EXPOSED TO THE AIRSTREAM. EROSION BARRIER: POLYMER BAG ENCLOSING FILL AND HEAT-SEALED BEFORE ASSEMBLY.
2.
3.
4.

VENTILATION SCHEDULE

ROOM NUMBER	ROOM NAME (PLAN)	ROOM PURPOSE (PER TABLE 403.3)	FLOOR AREA	ORDINANCE REQUIREMENTS: NATURAL LIGHT & VENT (SF) (SEE WINDOW SCHEDULE ON ARCH SHEET): GLASS AREA	VENT AREA	MECHANICAL VENTILATION (CFM/SF): SUPPLY AIR	EXHAUST AIR (FROM ROOM)	MECHANICAL VENTILATION (CFM): SUPPLY AIR	EXHAUST AIR (FROM ROOM)	(RO) RELIEF OPENINGS REQ'MTS: VOLUME (CFM)	AREA OF DUCT (SF)	ACTUAL PROVIDED: NATURAL LIGHT & VENT (SF): GLASS AREA	VENT AREA	MECHANICAL VENTILATION (CFM): SUPPLY AIR	EXHAUST AIR (FROM ROOM)	EQUIPMENT: TAG OF EQUIPMENT. SUPPLYING AIR TO THE ROOM	TAG OF EQUIPMENT EX-HAUSTTING AIR FROM THE RM	HEATING DATA: ACTUAL: HEAT LOSS (BTU/HOUR) ASHRAE GUIDE CALCS	PLAN: HEAT SUPPLIED (BTU/HOUR)	REMARKS	MINIMUM OUTSIDE AIR (OA) (CFM)
	ANNEX																					
	1ST FLOOR																					
120	STAIRS EAST	CORRIDOR	358	0	0	0	0	0	0	N/A	N/A	N/A	N/A	0	0			11569	29000	CUH-3		~~0~~
119B	VESTIBULE 4 HOUR	CORRIDOR	105	0	0	0	0	0	0	N/A	N/A	N/A	N/A	0	0			1425				~~0~~
119C	VESTIBULE	CORRIDOR	234	0	0	0	0	0	0	N/A	N/A	N/A	N/A	0	0			3955				
130A	VESTIBULE SOUTH	CORRIDOR	150	0	0	0	0	0	0	N/A	N/A	N/A	N/A	0	0			4714	29000	CUH-4		~~0~~
130	CORRIDOR EAST	CORRIDOR	1626	0	0	0	0	0	0	N/A	N/A	N/A	N/A	1100	0	AHU-2		15884	25958	VAV1-7		~~0~~
131	BOYS TOILET	TOILET ROOMS	296	0	0	0.0	2.0	0	592	N/A	N/A	N/A	N/A	0	600		TE-1	3173	3492	RP-2		~~0~~
132	GIRLS TOILET	TOILET ROOMS	296	0	0	0.0	2.0	0	592	N/A	N/A	N/A	N/A	0	600		TE-1	3173	3492	RP-1		~~0~~
133	JANITORS CLOSET	TOILET ROOMS	53	0	0	0.0	2.0	0	106	N/A	N/A	N/A	N/A	0	110		TE-1	0				~~0~~
134	UNISEX TOILET	TOILET ROOMS	75	0	0	0.0	2.0	0	150	N/A	N/A	N/A	N/A	0	150		TE-1	0	1164	RP-3		~~0~~
119B	VESTIBULE 4 HOUR	CORRIDOR	105	0	0	0	0	0	0	N/A	N/A	N/A	N/A	0	0			0				~~0~~
140	CORRIDOR WEST	CORRIDOR	631	0	0	0	0	0	0	N/A	N/A	N/A	N/A	300	0	AHU-2		6373	29000	CUH-1, VAV-1-6		~~0~~
140A	BUILDING STORAGE	INACTIVE STORAGE	188	0	0	0	0	0	0	N/A	N/A	N/A	N/A	0	0			0				~~0~~
140B	MENS TOILET	TOILET ROOMS	56	0	0	0	2	0	112	N/A	N/A	N/A	N/A	0	120		TE-2	0				~~0~~
140C	WOMENS TOILET	TOILET ROOMS	56	0	0	0	2	0	112	N/A	N/A	N/A	N/A	0	120		TE-2	0				~~0~~
140D	JANITORS CLOSET	TOILET ROOMS	42	0	0	0	2	0	84	N/A	N/A	N/A	N/A	0	90		TE-2	0				~~0~~
137	ELECTRICAL	UTILITY	338	0	0	0	0	0	0	N/A	N/A	N/A	N/A	0	500		EF-1	3100	24500	EUH-1		~~0~~
138	MDF ROOM	UTILITY	298	0	0	0	0	0	0	N/A	N/A	N/A	N/A	0	900		EF-2	2600				~~0~~
139	PUMP ROOM	UTILITY	314	0	0	0	0	0	0	N/A	N/A	N/A	N/A	0	0			5562	15000	UH-1		~~0~~
141	MECHANICAL ROOM	UTILITY	2132	0	0	0	0	0	0	N/A	N/A	N/A	N/A	0	0			15733	15000	UH-1		~~0~~
141B	WATER HEATER RM	UTILITY	108	0	0	0	0	0	0	N/A	N/A	N/A	N/A	0	0			0				~~0~~
150	STAIRS WEST	CORRIDOR	353	0	0	0	0	0	0	N/A	N/A	N/A	N/A	0	0			13031	29000	CUH-2		~~0~~
			7814					0	1,748					1,400	3,190			90292	204606			~~0~~
135	DINING RM N EXTERIOR	DINING NO COOKING	787	0	0	1.5	1.5	1,181	1,181	N/A	N/A	N/A	N/A	1600	1,181	AHU-1	ER-1	16862	30523	VAV-1-1		~~393.5~~
135	DINING RM N INTERIOR	DINING NO COOKING	1340	0	0	1.5	1.5	2,010	2,010	N/A	N/A	N/A	N/A	1600	2,010	AHU-1	ER-1	0	11107	VAV1-2		~~670~~
135	DINING ROOM SOUTH	DINING NO COOKING	1416	0	0	1.5	1.5	2,124	2,124	N/A	N/A	N/A	N/A	2200	2,124	AHU-1	ER-1	17236	33736	VAV1-3		~~708~~
135A	SERVING LINE	DINING NO COOKING	799	0	0	1.5	1.5	1,199	1,199	N/A	N/A	N/A	N/A	1200	1,199	AHU-1	ER-1	9943	22541	VAV1-4		~~399.5~~
135B	DINING STORAGE 1	INACTIVE STORAGE	167	0	0	0	0	0	0	N/A	N/A	N/A	N/A	0	0			2001				~~0~~
135C	DINING STORAGE 2	INACTIVE STORAGE	63	0	0	0	0	0	0	N/A	N/A	N/A	N/A	0	0			0				~~0~~
136	WARMING KITCHEN	KITCHEN PUBLIC	824	0	0	1.2	4.0	989	3,296	N/A	N/A	N/A	N/A	1200	1,200	AHU-1	KE-1	7818		VIA KE1, VAV1-5		~~329.6~~
															2,150		KE-2			VIA KE2		
135D	FREEZERS	INACTIVE STORAGE	192	0	0	0	0	0	0	N/A	N/A	N/A	N/A	0	0			0				~~0~~
136B	DRY STORAGE	INACTIVE STORAGE	171	0	0	0	0	0	0	N/A	N/A	N/A	N/A		0	AHU-1		0				~~50~~
136A	KITCHEN OFFICE	OFFICE	105	0	0	0.6	0.3	63	50	N/A	N/A	N/A	N/A	200	50	AHU-1		1760	22121	VAV1-5		~~50~~
		AHU-1	5864					7565	9859					8000	9,913	AHU-1	VIA KE2	55620	120029			~~2432~~
							0.33	2,496	6,563						6,563							
			13678						2,166	0.33					2,166	0.33						
															5,516							
	2ND FLOOR																					
220	STAIRS EAST	CORRIDOR	346	0	0	0	0	0	0	N/A	N/A	N/A	N/A	0	0			-		CUH-3		~~0~~
219A	VESTIBULE 4 HOUR	CORRIDOR	105	0	0	0	0	0	0	N/A	N/A	N/A	N/A	0	0			1476				~~0~~
219B	VESTIBULE	CORRIDOR	248	0	0	0	0	0	0	N/A	N/A	N/A	N/A	0	0			3956				~~0~~
231	OFFICE	OFFICE	234	0	0	0.6	0.3	140	70	N/A	N/A	N/A	N/A	250	70	AHU-2		2883	4985	VAV2-12		~~50~~
230	CORRIDOR	CORRIDOR	2167	0	0	0	0	0	0	N/A	N/A	N/A	N/A	1200	0	AHU-2		5338	13830	VAV2-13		~~0~~
220	CLASSROOM NE	CLASSROOM	838	0	0	1.5	0.75	1,257	629	N/A	N/A	N/A	N/A	1300	629	AHU-2		15942	29440	VAV2-9		~~419~~
221	CLASSROOM SE	CLASSROOM	838	0	0	1.5	0.75	1,257	629	N/A	N/A	N/A	N/A	1300	629	AHU-2		17394	31110	VAV2-1		~~419~~
222	CLASSROOM NE CTR	CLASSROOM	838	0	0	1.5	0.75	1,257	629	N/A	N/A	N/A	N/A	1300	629	AHU-2		15351	28760	VAV2-8		~~419~~
223	CLASSROOM SE CTR	CLASSROOM	838	0	0	1.5	0.75	1,257	629	N/A	N/A	N/A	N/A	1300	629	AHU-2		15351	28760	VAV2-2		~~419~~
224	CLASSROOM N	CLASSROOM	838	0	0	1.5	0.75	1,257	629	N/A	N/A	N/A	N/A	1300	629	AHU-2		15363	28774	VAV2-7		~~419~~
225	CLASSROOM S	CLASSROOM	838	0	0	1.5	0.75	1,257	629	N/A	N/A	N/A	N/A	1300	629	AHU-2		15363	28774	VAV2-3		~~419~~
226	CLASSROOM NW CTR	CLASSROOM	838	0	0	1.5	0.75	1,257	629	N/A	N/A	N/A	N/A	1300	629	AHU-2		15403	28820	VAV2-6		~~419~~
227	CLASSROOM SW CTR	CLASSROOM	838	0	0	1.5	0.75	1,257	629	N/A	N/A	N/A	N/A	1300	629	AHU-2		15403	28820	VAV2-4		~~419~~
228	CLASSROOM NW	CLASSROOM	838	0	0	1.5	0.75	1,257	629	N/A	N/A	N/A	N/A	1300	629	AHU-2		17815	31594	VAV2-5		~~419~~
229	SCIENCE LAB	LABORATORY (SEE NOTE BELOW)	1342	0	0	1.2	1.2	1,610	1,610	N/A	N/A	N/A	N/A	2100	1,610	AHU-2		24705	47691	VAV2-10, VAV2-11		~~636.8~~
229A	SCIENCE STORAGE	INACTIVE STORAGE	170	0	0	0	0	0	0	N/A	N/A	N/A	N/A	100	100			419		VAV2-11		~~50~~
232	JANITORS CLOSET E	TOILET ROOMS	75	0	0	0.0	2.0	0	150	N/A	N/A	N/A	N/A	0	150		TE-3	185				~~0~~
233	BOYS TOILET	TOILET ROOMS	249	0	0	0.0	2.0	0	498	N/A	N/A	N/A	N/A	0	500		TE-3	613	2328	RP-6		~~0~~
234	GIRLS TOILET	TOILET ROOMS	249	0	0	0.0	2.0	0	498	N/A	N/A	N/A	N/A	0	500		TE-3	613	2328	RP-5		~~0~~
236	JANITORS CLOSET W	TOILET ROOMS	56	0	0	0.0	2.0	0	112	N/A	N/A	N/A	N/A	0	120		TE-3	453				~~0~~
235	UNISEX TOILET	TOILET ROOMS	75	0	0	0.0	2.0	0	150	N/A	N/A	N/A	N/A	0	150		TE-3	185	1164	RP-4		~~0~~
250	STAIRS WEST	CORRIDOR	300	0	0	0	0	0	0	N/A	N/A	N/A	N/A	0	0			-		CUH-2		~~0~~
			13158					13064						15350	8857			184211	337179			~~4407.8~~
							0.33	4,311														
		AHU-2	**20,972**					**13,064**	**1,748**					**16,750**	**12,047**			**330123**	**661813**			**~~4,408~~**
		TOTAL	26,836					20,629	11,607					24,750	21,960							~~0~~
							0.33	6,807														
						positive	0.075	1,547							666		TE-1					
								8,355							330		TE-2					
															1,420		TE-3					
															2