

AIR HANDLING UNIT SCHEDULE																																										
MARK	UNIT TYPE	CFM	MIN. GA CFM	SUPPLY FAN MOTOR DATA				RETURN FAN MOTOR DATA				CHILLED WATER COOLING COIL								DX COOLING COIL								HOT WATER HEATING COIL DATA								CAPACITY (LB/HR)	PRESSURE (PSIG)	EAT/IRH	LEAVING RH	TYPICAL UNIT MFG & MODEL NO.	REMARKS	
				EXT. SP. W.C.	HP/EATOTAL	RPM	VOLTS/Ø	EXT. SP. W.C.	HP/EATOTAL	RPM	VOLTS/Ø	TOTAL	SENS	FACE AREA SQ. FT.	ROWS	EWT	LWT	EAT °F DBWB	DB WT °F	GPM	APD IN-W.C.	WPD FT-W.C.	TOTAL MBH	SENS MBH	EAT	LAT	APD IN-W.C.	MBH	FACE AREA SQ. FT.	EWT	LWT	EAT °F	LAT °F	APD IN-W.C.	GPM							WPD FT-W.C.
AHU-10	ROOFTOP	13,000	4000	2.5	4.5/27	4260	460/3	1.5	8.5/25.5	2545	460/3	648.4	422.7	30.8	8	45	55	80/67	50/50	129	0.9	16.26	576.6	389.6	80/67	52.8/52.3	0.54	435	27.63	180	160	50	80.9	0.07	44.4	5.29	162.6	15	55/30.4%	60.00%	NORTEK	
REMARKS: 1. PROVIDE ONE WPD IN SUPPLY AND RETURN FAN ARRAYS 2. PROVIDE CUSTOM COLOR TO BE SELECTED BY OWNER 3. INTEGRAL HEAT RECOVERY WHEEL. SEE SEPARATE SCHEDULE 4. PROVIDE 6" SERVICE VESTIBULE																																										

ENERGY RECOVERY WHEEL PERFORMANCE SCHEDULE																					
MARK	WINTER CONDITIONS									SUMMER CONDITIONS									MOTOR HP	TYPICAL UNIT MFG & MODEL NO.	REMARKS:
	WHEEL ENTERING CONDITIONS				WHEEL LEAVING CONDITIONS				EFFECTIVE SS @ SUMMER DESIGN	WHEEL ENTERING CONDITIONS				WHEEL LEAVING CONDITIONS				EFFECTIVE SS @ SUMMER DESIGN			
	OUTSIDE AIR		RETURN AIR		SUPPLY AIR		EXHAUST AIR			OUTSIDE AIR		RETURN AIR		SUPPLY AIR		EXHAUST AIR					
	DB (°F)	WB (°F)	DB (°F)	WB (°F)	DB (°F)	WB (°F)	DB (°F)	WB (°F)		TOTAL %	DB (°F)	WB (°F)	DB (°F)	WB (°F)	DB (°F)	WB (°F)	DB (°F)				
AHU-19	5.4	5.4	70	53	56.8	45.6	18.5	18	79.6	90	75	75	62.5	78.5	66.3	86.5	71.9	76.4	0.5	INNERGY TECH I3-MS3A	
REMARKS:																					

[illegible]

VARIABLE AIR VOLUME (VAV) TERMINAL SCHEDULE																						
MARK	AHU TAG	SIZE		CFM MAX		STATIC PRESSURE		NC LEVELS		HOT WATER HEATING COIL										HAND	TYPICAL UNIT MFG & MODEL NO	REMARKS
		UNIT	OUTLET	MAX	MIN	DWNS	MIN	RAD	DIS	MBH	EAT 'F	EWT 'F	LAT 'F	APD	GPM @ 180°F EWT	LWT 'F	WPD FT. HD	ROWS				
VAV-01	AC-1	7	12X10	350	175	0.25	0.09	19	24	7.6	55	180	95	0.05	0.9	162.8	0.47	1	RH	TITUS DESV	*	
VAV-02	AC-1	12	16X15	900	450	0.25	0.08	19	23	19.5	55	180	95	0.07	9.3	175.7	9.55	1	RH	TITUS DESV		
VAV-03	AC-1	6	12X8	325	200	0.25	0.23	20	22	9.8	55	180	100	0.14	0.6	147.2	0.08	1	RH	TITUS DESV		
VAV-04	AC-1	8	12X10	400	275	0.25	0.13	17	25	12.5	55	180	97	0.12	0.6	137.9	0.1	2	RH	TITUS DESV		
VAV-05	AC-1	8	12X10	400	400	0.25	0.13	17	25	17.4	55	180	95	0.12	0.9	141.1	0.18	2	RH	TITUS DESV		
VAV-06	AC-1	10	14X12.5	500	250	0.25	0.06	22	23	8.7	55	180	95	0.05	0.8	157.7	0.1	1	RH	TITUS DESV		
VAV-07	AC-1	16	24X18	1100	915	0.25	0.09	11	11	41.7	55	180	97	0.08	1.8	133.3	0.08	2	RH	TITUS DESV		
VAV-08	AC-1	7	12X10	200	190	0.25	0.03	13	24	8.3	55	180	95	0.02	1.3	167	0.92	1	RH	TITUS DESV		
VAV-09	AC-1	8	12X10	400	225	0.25	0.07	18	25	9.7	55	180	94.9	0.06	5.4	175.6	9.99	1	RH	TITUS DESV		
VAV-10	AC-1	8	12X10	425	375	0.25	0.14	18	25	16.3	55	180	95	0.13	0.8	139.9	0.16	2	RH	TITUS DESV		
VAV-11	AC-1	8	12X10	350	175	0.25	0.06	17	25	7.6	55	180	95	0.05	0.9	162.8	0.47	1	RH	TITUS DESV		
VAV-12	AC-1	4	12X8	200	100	0.25	0.11	27	34	4.3	55	180	95	0.03	0.4	156.8	0.1	1	RH	TITUS DESV		
VAV-13	AC-1	12	16X15	800	800	0.25	0.13	18	22	34.7	55	180	95	0.12	1.6	134.4	0.24	2	RH	TITUS DESV		
VAV-14	AC-1	6	12X8	230	230	0.25	0.12	15	23	10.3	55	180	96.3	0.08	0.6	145.3	0.08	2	RH	TITUS DESV		
VAV-15	AC-1	12	16X15	775	685	0.25	0.13	18	22	29.7	55	180	95	0.12	1.3	131.2	0.18	2	RH	TITUS DESV		
VAV-16	AC-1	6	12X8	250	220	0.25	0.14	16	23	10.1	55	180	97.5	0.09	0.6	145.9	0.08	2	RH	TITUS DESV		
VAV-17	AC-1	4	12X8	100	100	0.25	0.03	14	27	4.3	55	180	95	0.01	0.4	156.8	0.1	1	RH	TITUS DESV		
VAV-18	AC-1	14	20X17.5	950	525	0.25	0.05	17	18	22.8	55	180	95	0.04	2.9	164	0.44	1	RH	TITUS DESV		
VAV-19	AC-1	16	24X18	1200	660	0.25	0.06	13	13	28.6	55	180	95	0.05	4	165.1	0.87	1	RH	TITUS DESV		
VAV-20	AC-1	12	16X15	680	400	0.25	0.06	24	24	17.4	55	180	95	0.05	3.4	169.4	1.36	1	RH	TITUS DESV		
REMARKS:																						

FAN SCHEDULE													
MARK	LOCATION	SERVICE	TYPE	ROOF OPENING (IN.)	CFM	SP IN. W.G.	DIAMETER (IN.)	RPM	ELECTRICAL DATA			TYPICAL UNIT MFG & MODEL NO.	REMARKS:
									BHP / HP	VOLTS	PHASE		
EF-1	ROOF	LOCKER ROOMS AND BATHROOMS	DOWNBLAST	15.5X18.5	2250	0.85	28	1223	67/75	460	3	GREENHECK GB-160	1, 2, 3
EF-2	ROOF	EVS AND BATHROOM	DOWNBLAST	18.5X18.5	1450	0.58	28	1106	28/5	115	1	GREENHECK GB-140 VG	1, 2, 3
REMARKS:	1. PROVIDE FACTORY MOUNTED AND WIRED DISCONNECT SWITCH 2. PROVIDE BACKDRIFT DAMPER 3. PROVIDE VFD												

AIR COOLED CONDENSING UNIT SCHEDULE														
MARK	LOCATION	SERVES	NOMINAL TONS	MBH	SST °F	ELECTRICAL DATA						WT (LB)	TYPICAL UNIT MFG & MODEL NO.	REMARKS:
						FAN DATA		WISA	OPD	VOLTS/Ø	FLA			
						NO.	HP							
ACCU-1	ROOF	AC-1	1.5	18	95	1	0.2	14.8	25	208/1Ø0	12.1	200	LIEBERT PFH020A-LN	1
ACCU-2	ROOF	AC-2	3	36	95	1	0.2	8.7	15	460/3Ø0	7.1	241	LIEBERT PFH037A-LN	1
ACCU-3	ROOF	AC-3	5	60	95	1	0.5	14.2	20	460/3Ø0	11.7	351	LIEBERT PFH067A-LN	1
ACCU-4	ROOF	AC-4	3	36	95	1	0.5	-	44	208/1Ø0	36	278	MITSUBISHI PUMP-HP36	1
ACCU-5	ROOF	AHU-19	50	576	95	4	-	-	100	460/3Ø0	90.7	2345	YORK YD600	1.2
REMARKS: 1. UNITS TO BE MOUNTED ON WIND-RATED EQUIPMENT RAILS 2. INCLUDE LOW AMBIENT KIT														

STEAM GENERATOR SCHEDULE										
MARK	LOCATION	SERVICE	BOILER STEAM		CLEAN STEAM		WEIGHT (LBS)	EMERGENCY GENERATOR	TYPICAL UNIT MFG. & MODEL NO.	REMARKS
			PSI	PPH	FLUID	PPH				
H-1	MECH ROOM	AHU-19	15	201	WATER	175	-	NO	CONDAIR SE 175	1
REMARKS: 1. PROVIDE 1/2" MAKEUP WATER CONNECTION										

REGISTERS, GRILLES, AND DIFFUSERS							
MARK	APPLICATION	MATERIAL	TYPE	FINISH	FACE SIZE	DESIGN EQUIP.	REMARKS
D-1	SUPPLY	STEEL	LAY IN	WHITE	24X24	PRICE SCD	
D-2	SUPPLY	STEEL	LAY IN	WHITE	12x12	PRICE SCD	
R-1	RETURN/EA	STEEL	LAY IN	WHITE	24X24	PRICE PDOR	
R-2	RETURN/EA	STEEL	LAY IN	WHITE	AS NOTED	PRICE 530	
REMARKS: 1.							

[illegible]

**FOR BIDDING
PURPOSES ONLY**

PHILIPS HEALTHCARE - BSCH
TMP 30 - CT / TMP 92 - MRI
GOOD SAMARITAN HOSPITAL
255 LAFAYETTE AVENUE
SUFFERN
NY 10901

DATE 3/9/2021	DRAWN BKM	CHECKED LB
SCALE AS SHOWN		
SHEET TITLE MECHANICAL SCHEDULES		

PROJECT NUMBER
15068.00

H
900

DRAWING NUMBER