AIR HANDLING UNIT SCHEDULE

TAG	CFM	MIN. OA CFM	SP W.C.		FILTERS		COOLING MBH		COOLING DATA (40% PROPYLENE GLYCOL)								HOT WATER PREHEAT COIL									SUPPLY FAN MOTOR DATA						WEIGHT	TYPICAL UNIT MFG & MODEL NO.	NOTES:
			TOTAL	EXT.	PRE	FINAL	TOTAL	SENS	FACE AREA	EAT °F DB/WB	LAT °F DB/WB	APD	EWT °F	LWT °F	GPM	WPD-FT	MBH	FACE AREA	EAT °F	LAT °F	APD	EWT °F	LWT °F	GPM	WPD	SIZE	TYPE	BHP/ HP	RPM	VOLT/Ø	VFD			
AHU-23	2350	850	4.4	2	MERV 9	MERV 15	69.3	57.9	6.11	77.4/64.5	55/54.7	0.5	45	55	15.5	2.8	68.8	5.33	38	65	0.06	180	150	4.6	0.1	13.5	DD PLENUM	2.9/5	3285	460/3	YES	1400 LBS	TRANE PERFORMANCE CLIMATE CHANGER SIZE 06	1, 2, 3

NOTES:
1. TOSHIBA VFD TO BE PROVIDED REMOTE TO UNIT.
2. PROVIDE WITH MINIMUM OF 3 SHIPPING SPLITS. COORDINATE REQUIREMENTS WITH MMC.
3. OWNER PROVIDED UNIT - CONTRACTOR TO INSTALL

FAN SCHEDULE

TAG	LOCATION	SERVICE	TYPE	CFM	SP IN W.G.	DIAMETER IN.	RPM	ELECTRICAL DATA				TYPICAL UNIT MFG & MODEL NO.	NOTES:
								HP	VOLTS	PH	VFD (DIV. 16)		
EF-91	MECH ROOM	NUC MED	UTILITY	2350	1.5	15	1725	1.5	460	3	YES	COOK CPS-A	1, 2

NOTES:
1. COORDINATE FAN ROTATION AND ORIENTATION WITH INSTALLATION REQUIREMENTS.
2. CURRENT DESIGN IS 1450 CFM FAN SIZED FOR FUTURE CAPACITY.

FORM FOR NEW PROJECT EQUIPMENT - SAMPLE

(COMPLETED FORM TO BE PROVIDED TO OWNER AS REQUIRED PER SPECIFICATIONS)

OLD EQUIPMENT REMOVED	NEW EQUIPMENT INSTALLED	MODEL #	SERIAL #	MANUFACTURER	CFM	HP	VOLTS	AMPS
AHU-123								
EF-91								
LOCATION								
	AHU-23							
	EF-91							
	FIRE OR SMOKE DAMPERS							
	PUMPS							

HUMIDIFIER SCHEDULE

TAG	SERVICE	OUTPUT PPH	INPUT PSIG	DUCT DIMENSIONS		CFM	ABSORPTION DIST. (IN.)	TUBE O.C.	MAX APD	TYPICAL UNIT MFG & MODEL NO.	NOTES:
				W (IN.)	H (IN.)						
H-1	VAV-1	8.3	5	14	10	710	6	3	0.04	DRI STEAM MINI-BANK 5-50	*

NOTES:
1.
2.
3.

PUMP SCHEDULE

TAG	SERVICE	GPM	HD (FT.)	ELECTRICAL DATA			TYPICAL UNIT MFG & MODEL NO.	NOTES:
				HP	VOLTS	PH		
P-1	AHU-23	5	10	45 W	120	1	GRUNDFOS ALPHA 15-55 F 165	

NOTES:
1. PROVIDE WITH EMERGENCY POWER

REGISTER, DIFFUSER & GRILL SCHEDULE

TAG	MAX CFM	NECK SIZE	TYPE	ΔP	MAX NC	TYPICAL UNIT MFG & MODEL NO.	NOTES
S-1	150	6" Ø	SUPPLY	0.04	<20	PRICE MODEL ASPD	1
S-2	250	8" Ø	SUPPLY	0.04	<20	PRICE MODEL ASPD	1
S-3	380	10" Ø	SUPPLY	0.04	<20	PRICE MODEL ASPD	1
R-1	160	8x8	RETURN	0.04	<20	PRICE MODEL 630	1
R-2	240	10x10	RETURN	0.04	<20	PRICE MODEL 630	1
R-3	440	12x12	RETURN	0.04	23	PRICE MODEL 630	1
E-1	160	8x8	EXHAUST	0.04	<20	PRICE MODEL 630	1
E-2	250	8x12	SIDEWALL EXHAUST	0.05	<20	PRICE MODEL 630	2
E-3	800	12x28	SIDEWALL EXHAUST	0.05	<20	PRICE MODEL 630	2

NOTES:
1. PROVIDE T-BAR LAY-IN MOUNTING FOR ACT CEILING. PROVIDE SURFACE MOUNTED DEVICES IN GYPSUM CEILING.
2. WALL MOUNTED EXHAUST GRILLE. MOUNT 6" AFF.

VARIABLE AIR VOLUME (VAV) TERMINAL SCHEDULE

TAG	INLET SIZE (IN)	OUTLET SIZE (IN)	CFM MAX.	CFM. MIN	HEATING CFM	INLET STATIC PRESSURE-MIN.	APD MAX.	HOT WATER HEATING COIL						TYPICAL UNIT MFG & MODEL NO.	NOTES:
								MBH	EAT °F	LAT °F	GPM @ 180°F EWT	ROWS	WPD FT. HD		
VAV-1	10" Ø	14x12	710	710	710	0.5	0.25	40.7	43	96	2	2	0.6	TRANE VCWF	*
VAV-2	6" Ø	10x8	150	150	150	0.5	0.05	7.6	43	90	0.5	1	0.5	TRANE VCWF	
VAV-3	6" Ø	10x8	300	300	300	0.5	0.25	17.4	43	96	0.8	2	0.4	TRANE VCWF	
VAV-4	6" Ø	10x8	250	250	250	0.5	0.15	10.9	43	83	1	1	1.6	TRANE VCWF	
VAV-5	6" Ø	10x8	310	310	310	0.5	0.25	17.6	43	95	0.8	2	0.4	TRANE VCWF	
VAV-6	6" Ø	10x8	350	350	350	0.5	0.32	19.1	43	93	0.9	2	0.5	TRANE VCWF	
VAV-7	10" Ø	14X12	800	800	800	0.5	0.27	42.6	43	92	2	2	0.6	TRANE VCWF	
VAV-8	6" Ø	10x8	330	110	-	0.5	0.1	-	-	-	-	-	-	TRANE VCCF	
VAV-9	10" Ø	14x12	535	535	100	0.5	0.2	36.5	43	100	1.5	2	0.4	TRANE VCWF	1
VAV-10	12" Ø	17x14	1700	1700	1700	0.5	0.6	82.9	55	90	3.4	2	0.6	TRANE VCWF	
VAV-11	8" Ø	11x10	650	650	650	0.5	0.35	24.7	55	90	1.4	1	1.1	TRANE VCWF	

NOTES:
1. VAV SELECTION OVERSIZED FOR FUTURE FIT-UP OF NEW SPEC/CT

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ISSUED FOR CONSTRUCTION
3-13-14

CURRENT ISSUE STATUS:

REV	DESCRIPTION	DATE
0	ISSUED FOR CONSTRUCTION	3-13-14

GRAPHIC SCALE: 0" 1"

SCALE:	NO SCALE
PROJECT MANAGER:	DJV
JC/DRAWN BY:	FV
A/E OF RECORD:	KME
CAD FILE:	M-601-13128
PROJECT NO:	13128
DATE:	3-13-14

SHEET TITLE:
HVAC SCHEDULES

SHEET No.
M-601

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