TAG	LOCATION	NO. OF MODULES	NOMINAL CAPACITY (TONS/MODULE)	AMBIENT TEMP (F)	CAPACITY (TONS)	EER@AHRI COND.	POWER DRAW @ OPERATING COND. (KW PER MODULE)	EWT/LWT (F)	FLOWRATE (GPM)	GLYCOL (%)	PRESSURE DROP (FT H2O)	AMBIENT TEMP (F)	CAPACITY (MBH)	COP @ AHRI COND.	POWER DRAW @ OPERATING COND. (KW PER MODULE)	EWT/LWT (F)	FLOWRATE (GPM)	GLYCOL (%)	PRESSURE DROP (FT H2O)	VOLTS/PH/HZ	MCA	MOP	UNIT SHORT CIRCUIT WITHSTAND (kA)	WORKING WEIGHT (LBS)	DIMENSIONS (LxWxH)	MANUFACTURER	MODEL NUMBER
ASHP-1	28TH FLOOR MER ROOF	6	35.79	95	214.74	10.20	41.41	60/48	471.3	40	13.7	13	1975.2	3.45	50.78	120/130	427.7	40	10.7	460/3/60	413.0	450	65	23,000	412"x112"x105"	YORK	YMAE0035PJP46VE
ASHP-2	28TH FLOOR MER ROOF	6	35.79	95	214.74	10.20	41.41	60/48	471.3	40	13.7	13	1975.2	3.45	50.78	120/130	427.7	40	10.7	460/3/60	413.0	450	65	23,000	412"x112"x105"	YORK	YMAE0035PJP46VE
ASHP-3	28TH FLOOR MER ROOF	6	35.79	95	214.74	10.20	41.41	60/48	471.3	40	13.7	13	1975.2	3.45	50.78	120/130	427.7	40	10.7	460/3/60	413.0	450	65	23,000	412"x112"x105"	YORK	YMAE0035PJP46V

	PRE-PURCHASED PLATE AND FRAME HEAT EXCHANGER SCHEDULE																																
DESIGNATION	LOCATION	SERVICE	CAPACITY (MBH)	PLATE MATERIAL / EFFECTIVE AREA (SF)	SEAL MATERIAL	NO. OF PLATES/MAX NO. OF PLATES	APPROACH TEMP.	COOL FLUID	FLOW (GPM)	ARY SER' EWT (°F)	VICE (COLI LWT (°F)	PRESS. DESIGNATION DESIGNATION (PSIG)	GN S. FLUII	COOLING: SEC FLOW (GPM)		LWT (°F)	<u> </u>	DESIGN PRESS. (PSIG)	HEAT FLUID	FLOW (GPM)	EWT (°F)	LWT (°F)	PRESS. DESIGN DROP PRESS (PSIG) (PSIG)	H SN S. FLUID	FLOV		SERVICE (LWT (°F)	PRESS. DROP (PSIG)	DESIGN	DIMENSION (LxWxH)	OPERATING WEIGHT (LBS)	MANUFACTURER/ MODEL	REMARKS
HX-27-1	27TH FLOOR MER	CHILLER / 2-PIPES FAN COIL UNITS	4,103,793	AISI304 / 3,836.9	0 NBRH (SONDERLOCK)		2.0	40% PG	750	48	60	9.95 150	WATE	ER 682	62	50	7.11		40% PG	650	130	120	6.65 150	WATER	605.2	3 118	128	5.26	150	98.5"x25.8"x95"	7,500	BELL & GOSSETT / BY5433	-
HX-27-1	27TH FLOOR MER	CHILLER / 2-PIPES FAN COIL UNITS	4,103,793	AISI304 / 3,836.9	0 NBRH (SONDERLOCK)	392 / -	2.0	40% PG	750	48	60	9.95 150	WATE	ER 682	62	50	7.11	150	40% PG	650	130	120	6.65 150	WATER	605.2	3 118	128	5.26	150	98.5"x25.8"x95"	7,500	BELL & GOSSETT / BY5433	-
HX-27-1	27TH FLOOR MER	CHILLER / 2-PIPES FAN COIL UNITS	4,103,793	AISI304 / 3,836.9	0 NBRH (SONDERLOCK)	392 / -	2.0	40% PG	750	48	60	9.95 150	WATE	ER 682	62	50	7.11	150	40% PG	650	130	120	6.65 150	WATER	605.2	3 118	128	5.26	150	98.5"x25.8"x95"	7,500	BELL & GOSSETT / BY5433	STANDBY
l I																																	
1. PROVIE	E FLANGE CONNEC	TEXCHANGER SCHEDULE ITION FOR ALL PIPE CONNECTION. FOR ADDITIONAL INFORMATION.	NOTES:																						·	·							

	PRE-PURCHASED PUMP SCHEDULE																
DESIGNATION	SERVICE	LOCATION	TYPE	GPM	GYLCOL PROPOLENE (%)	TDH (FT)	WP #	IMPELLER SIZE (INCH)	NO. OF STAGE	PUMP EFF (%)	RPM	BHP	MOTOR HP	ELECTRICAL V/ø/Hz	WEIGHT (LBS.)	MANUFACTURER/ MODEL	COMMENTS
CWP-27-1	PRIMARY WATER LOOP	27TH FLOOR MECHANICAL ROOM	END SUCTION	750	40	80	150	9.625	-	81.6	1770	-	25	460/3/60	500	BELL & GOSSETT / E-1510 - 5EB	
CWP-27-2	PRIMARY WATER LOOP	27TH FLOOR MECHANICAL ROOM	END SUCTION	750	40	80	150	9.625	-	81.6	1770	-	25	460/3/60	500	BELL & GOSSETT / E-1510 - 5EB	
CWP-27-3	PRIMARY WATER LOOP	27TH FLOOR MECHANICAL ROOM	END SUCTION	750	40	80	150	9.625	-	81.6	1770	-	25	460/3/60	500	BELL & GOSSETT / E-1510 - 5EB	STANDBY
SCWP-27-1	SECONDARY WATER LOOP	27TH FLOOR MECHANICAL ROOM	END SUCTION	750	WATER	125	150	11.75	-	78.8	1770	-	40	460/3/60	550	BELL & GOSSETT / E-1510 - 4GC	
SCWP-27-2	SECONDARY WATER LOOP	27TH FLOOR MECHANICAL ROOM	END SUCTION	750	WATER	125	150	11.75	-	78.8	1770	-	40	460/3/60	550	BELL & GOSSETT / E-1510 - 4GC	
SCWP-27-3	SECONDARY WATER LOOP	27TH FLOOR MECHANICAL ROOM	END SUCTION	750	WATER	125	150	11.75	-	78.8	1770	-	40	460/3/60	550	BELL & GOSSETT / E-1510 - 4GC	STANDBY

TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT THIS PLAN IS APPROVED ONLY FOR THE WORK ON THE APPLICATION SPECIFICATION THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK CITY.

THIS PLAN IS APPROVED ONLY FOR THE WORK 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

PUMP SCHEDULE NOTES (TYPICAL FOR EACH PUMP):
 PROVIDE INERTIA BASE WITH VIBRATION ISOLATION FOR PUMP SUPPORT - SEE SPECIFICATION REQUIREMENT.
 PROVIDE VFD FOR ALL PUMPS
 SEE EQUIPMENT SPECIFICATIONS FOR ADDITIONAL INFORMATION.

05/16/25 ISSUED FOR 50% CD

04/18/25 ISSUED FOR 100% SD REV1

12/11/24 ISSUED FOR 100% SD

Date Issued Revision No.

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Drawing Title:

MECHANICAL
SCHEDULES
SHEET #1

Scale
NOT TO SCALE

Proj. Manager:
JC

AMA Project No.:
J005-03-003

Drawing No:

M-401.00