

CHILLER SCHEDULE																													
UNIT NO:	SERVICE:	LOCATION:	TYPE:	UNIT CAPACITY: (TONS)	REFRIGERANT:	FLUID:	EVAPORATOR DATA:						CONDENSER DATA:			ELECTRICAL DATA:					PHYSICAL DATA:					MANUFACTURER:	MODEL:	NOTES:	
							EWT: (F)	LWT: (F)	DESIGN (GPM)	MIN. (GPM)	MAX. (GPM)	PRESS. DROP: (FT)	WATER VOLUME: (GAL)	AMB. TEMP. (F)	# OF FANS:	VOLTS:	PH:	HZ:	MCA (AMPS)	OCF (AMPS)	SCW (KA)	WIDTH: (INCHES)	DEPTH: (INCHES)	HEIGHT: (INCHES)	RIGGING WT: (LB)				OPERATING WT: (LB)
CHILLER-A	DATA CENTER	ROOF	AIR-COOLED CHILLER	294.2	R134A	30% P.G.	54.0	44.0	746.3	300.0	1200.0	27.6	236.0	95.0	14	480	3	60	540.0	600.0	65.0	450.0	104.0	93.5	37,500.0	42,500.0	YORK	YCV0307PA46	W/ ECONOMIZER + W/ HYDRO-PACKAGE
CHILLER-B	DATA CENTER	ROOF	AIR-COOLED CHILLER	294.2	R134A	30% P.G.	54.0	44.0	746.3	300.0	1200.0	27.6	236.0	95.0	14	480	3	60	540.0	600.0	65.0	450.0	104.0	93.5	37,500.0	42,500.0	YORK	YCV0307PA46	W/ ECONOMIZER + W/ HYDRO-PACKAGE

FURNISH & INSTALL WITH FOLLOWING OPTIONS:  
 1. SPRING OR NEOPRENE VIBRATION ISOLATORS  
 2. 350 GAL BUFFER TANK  
 3. EXPANSION TANK  
 4. LOUVERED PANELS ON COILS & HYDRO PACKAGE  
 5. EPOXY COATING ON CONDENSER COILS  
 6. VARIABLE SPEED DRIVES FOR COMPRESSORS  
 7. LOW SOUND/NOISE FANS FOR CONDENSER

AIR CONDITIONING UNITS SCHEDULE																																				
UNIT NO:	SERVICE:	LOCATION:	TYPE:	UNIT CAPACITY:		ENTERING AIR:		FAN DATA:				CHILLED WATER COIL:				REHEAT:		HUMIDIFICATION:			ELECTRICAL DATA:					PHYSICAL DATA:				CONNECTIONS:			MANUFACTURER:	MODEL:	NOTES:	
				TOTAL: KBTUH	SENSIBLE: KBTUH	DB: (F)	WB: (F)	SUPPLY: (CFM)	ESP: (IN)	# OF FANS:	FAN HP: (HP-EACH)	FACE AREA: (SQFT)	# OF ROWS:	FACE VELOCITY: (FPM)	FLOW RATE: (GPM)	PRESSURE DROP: (FT)	STAGES:	TOTAL CAP. (KW)	TYPE:	CAPACITY: (LB/H)	VOLTS:	PH:	HZ:	MCA (AMPS)	FLA (AMPS)	OCF (AMPS)	WIDTH: (INCHES)	DEPTH: (INCHES)	HEIGHT: (INCHES)	OPERATING WT: (LB)	C.W. (O.D.-COPPER)	HUMID. (O.D.-COPPER)				COND.DRAIN (FPT)
DC-1	DATA CENTER	DATA CENTER	DOWNFLOW	537.0	642.0	72	60	24,000	0.2	3	5.2	71.2	6	337.0	136.8	23.0	3	30	INFRARED	22.1	480	3	60	69.0	86.3	90.0	122.0	47.0	76.0	2,800.0	3-1/8	1/4	1-1/4	LIEBHERT	CW18IDCIA3	1
DC-2	DATA CENTER	DATA CENTER	DOWNFLOW	537.0	642.0	72	60	24,000	0.2	3	5.2	71.2	6	337.0	136.8	23.0	3	30	INFRARED	22.1	480	3	60	69.0	86.3	90.0	122.0	47.0	76.0	2,800.0	3-1/8	1/4	1-1/4	LIEBHERT	CW18IDCIA3	1
DC-3	DATA CENTER	DATA CENTER	DOWNFLOW	537.0	642.0	72	60	24,000	0.2	3	5.2	71.2	6	337.0	136.8	23.0	3	30	INFRARED	22.1	480	3	60	69.0	86.3	90.0	122.0	47.0	76.0	2,800.0	3-1/8	1/4	1-1/4	LIEBHERT	CW18IDCIA3	1
DC-4	DATA CENTER	DATA CENTER	DOWNFLOW	537.0	642.0	72	60	24,000	0.2	3	5.2	71.2	6	337.0	136.8	23.0	3	30	INFRARED	22.1	480	3	60	69.0	86.3	90.0	122.0	47.0	76.0	2,800.0	3-1/8	1/4	1-1/4	LIEBHERT	CW18IDCIA3	1
DC-5	DATA CENTER	DATA CENTER	DOWNFLOW	537.0	642.0	72	60	24,000	0.2	3	5.2	71.2	6	337.0	136.8	23.0	3	30	INFRARED	22.1	480	3	60	69.0	86.3	90.0	122.0	47.0	76.0	2,800.0	3-1/8	1/4	1-1/4	LIEBHERT	CW18IDCIA3	1
DC-6	DATA CENTER	DATA CENTER	DOWNFLOW	537.0	642.0	72	60	24,000	0.2	3	5.2	71.2	6	337.0	136.8	23.0	3	30	INFRARED	22.1	480	3	60	69.0	86.3	90.0	122.0	47.0	76.0	2,800.0	3-1/8	1/4	1-1/4	LIEBHERT	CW18IDCIA3	1
RR-1	RECTIFIER ROOM	RECTIFIER RM.	UPFLOW	366.0	285.0	75	62.5	12,100	0.2	2	7.5	25.0	6	480.0	79.2	26.3	3	30	INFRARED	22.1	480	3	60	61.7	77.1	80.0	99.0	36.0	72.0	1,490.0	2-1/8	1/4	3/4	LIEBHERT	CW084UCSA3	1, 2
RR-2	RECTIFIER ROOM	RECTIFIER RM.	UPFLOW	366.0	285.0	75	62.5	12,100	0.2	2	7.5	25.0	6	480.0	79.2	26.3	3	30	INFRARED	22.1	480	3	60	61.7	77.1	80.0	99.0	36.0	72.0	1,490.0	2-1/8	1/4	3/4	LIEBHERT	CW084UCSA3	1, 2

FURNISH & INSTALL WITH FOLLOWING OPTIONS:  
 1. NEOPRENE VIBRATION ISOLATORS UNDER FRAMES  
 2. FURNISH & INSTALL CONDENSATE DRAIN PUMPS  
 3. NO SUBSTITUTION IS ALLOWED ON BRANDS/MODELS

PUMP SCHEDULE																							
UNIT NO:	SERVICE:	LOCATION:	STATUS:	FLUID DATA:		PUMP DATA:				ELECTRICAL DATA:					PHYSICAL DATA:				MANUFACTURER:	MODEL:	NOTES:		
				FLUID TYPE:	LVG. WATER T.: (F)	FLOW RATE: (GPM)	T.D. HEAD: (FT)	BHP (HP)	HP (HP)	RPM (RPM)	VOLTS:	PH:	HZ:	MCA (AMPS)	FLA (AMPS)	OCF (AMPS)	WIDTH: (INCHES)	DEPTH: (INCHES)				HEIGHT: (INCHES)	OPERATING WT: (LB)
P-A-1	DATA CENTER	ROOF	SYSTEM-A RUNNING	50% P.GLYCOL	44	842.4	108.0	32.6	40	3500	480	3	60	33.1	41.1	60	52	16	26	855	BELL & GOSSETT	1510-SE-324T-1750	TO BE INSTALLED IN PUMP PACKAGE
P-A-2	DATA CENTER	ROOF	SYSTEM-A REDUNDANT	50% P.GLYCOL	44	842.4	108.0	32.6	40	3500	480	3	60	33.1	41.1	60	52	16	26	855	BELL & GOSSETT	1510-SE-324T-1750	TO BE INSTALLED IN PUMP PACKAGE
P-B-1	DATA CENTER	ROOF	SYSTEM-B RUNNING	50% P.GLYCOL	44	842.4	108.0	32.6	40	3500	480	3	60	33.1	41.1	60	52	16	26	855	BELL & GOSSETT	1510-SE-324T-1750	TO BE INSTALLED IN PUMP PACKAGE
P-B-2	DATA CENTER	ROOF	SYSTEM-B REDUNDANT	50% P.GLYCOL	44	842.4	108.0	32.6	40	3500	480	3	60	33.1	41.1	60	52	16	26	855	BELL & GOSSETT	1510-SE-324T-1750	TO BE INSTALLED IN PUMP PACKAGE

FURNISH & INSTALL WITH FOLLOWING OPTIONS:  
 1. SPRING VIBRATION ISOLATORS  
 2. FLEX CONNECTIONS ON BOTH SUCTION & DISCHARGE ENDS.

OFFICE AIR HANDLER SCHEDULE																												
UNIT NO:	SERVICE:	LOCATION:	AIR DATA:		HEATING:		COOLING:						ELECTRICAL DATA:				PHYSICAL DATA:				MANUFACTURER:	MODEL:	NOTES:					
			EXT.ST.PRESS. IN.W.G.	FLOW RATE (CFM)	SOURCE:	INPUT: (MBH)	OUTPUT: (MBH)	EAT-DB: (F)	EAT-WB: (F)	LAT-DB: (F)	LAT-WB: (F)	EWT: (F)	LWT: (F)	W-FLOW: (GPM)	W-PD: (FT)	TOTAL: (MBH)	SENSIBLE: (MBH)	VOLTS:	PH:	HZ:				TOTAL: (AMPS)	WIDTH: (INCHES)	DEPTH: (INCHES)	HEIGHT: (INCHES)	DUCT DIA.: (INCHES)
AH-1	OFFICE AREA	OFFICE	0.1	1,850	NATURAL GAS	100	97	80	67	55.5	54.1	44	54	14.7	4.7	74	51	120	1	60	12	33	31	21	20x24	YORK	YP9C100C20MPI2C	W/COOLING COIL ATTACHED + THERMOSTAT CONTROLLED

FURNISH & INSTALL WITH FOLLOWING OPTIONS:  
 1. MATCHING THERMOSTAT FOR HEATING/COOLING OPERATION (YORK)  
 2. W/ VIBRATION ISOLATORS  
 3. INSTALL DRIP-PAN & CONNECT TO CONDENSATE DRAIN LINE

EXHAUST FAN SCHEDULE															
UNIT NO:	SERVICE:	LOCATION:	AIR DATA:		ELECTRICAL DATA:			PHYSICAL DATA:				MANUFACTURER:	MODEL:	NOTES:	
			EXT.ST.PRESS. IN.W.G.	FLOW RATE (CFM)	VOLTS:	PH:	HZ:	POWER: (WATTS)	WIDTH: (INCHES)	DEPTH: (INCHES)	HEIGHT: (INCHES)				DUCT DIA.: (INCHES)
BX-1	BATHROOM (M)	OFFICE	0.1	50	120	1	60	30	10	10	6	4	BROAN	HD-50	INTERMITTENT OPERATION (CONNECT TO LIGHT-SWITCH)
BX-2	BATHROOM (W)	OFFICE	0.1	50	120	1	60	30	10	10	6	4	BROAN	HD-50	INTERMITTENT OPERATION (CONNECT TO LIGHT-SWITCH)
EF-1	OFFICE	OFFICE	0.1	287	120	1	60	72	Ø12		6	6	FANTECH	FG 6	CONTINUOUS OPERATION (CONNECT TO AIR HANDLER FAN CONTROL)

FURNISH & INSTALL WITH FOLLOWING OPTIONS:

---	04/12/10	Issued For Permit	AG
LTR	DATE	REVISION DESCRIPTION	BY



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Drawing Title:

Mechanical  
 Equipment Schedules

Drawn By:  
 A.G.  
 Checked By:  
 R.J.S.

Scale:  
 N.T.S.  
 Date:  
 04/05/2010

Project No.  
 Q10421-ALC

Drawing No.  
 M - 11