

HVAC EQUIPMENT SCHEDULE															
TAG	DESCRIPTION	MANUFACTURER	MODEL	AIRFLOW (CFM)	E.S.P. (IN. WC)	MCA	MOCP (A)	ELECTRICAL (V/Ph/Hz)	MOTOR HP	GAS HEATING (MBH) INPUT	OUTPUT	NOMINAL TONNAGE	FRESH AIR MIN. %	WEIGHT (LBS)	REMARKS
HAC-1	KITCHEN ROOFTOP UNIT	YORK	ZJ120N24U5B5A43A2	4,000	0.6	17.3	-	575/3/60	3.0	240	192	10.0	10	1,275	EXISTING UNIT BY LANDLORD. TO BE C/W R410A REFRIGERANT, 7-DAY PROGRAMMABLE T'STAT, LOW AMBIENT CUTOFF, 14" HIGH ROOF CURB, BOTTOM DISCHARGE, WEATHERPROOF DISCONNECT SWITCH, BELT DRIVEN EVAPORATOR FAN, ENTHALPY CONTROLLED ECONOMIZER C/W OUTSIDE AIR, EXHAUST & RETURN AIR MODULATING DAMPERS, DEMAND CONTROL VENTILATION, CO2 UNIT MOUNTED ACCESSORY, FILTER SECTION WITH 2" DISPOSABLE FILTERS AND ALL SAFETY FEATURES.
HAC-2	DINING ROOM ROOFTOP UNIT	YORK	ZJ150N24U5BAAA3A1	5,000	0.6	27.4	-	575/3/60	5.0	240	192	12.5	10	1,485	
MAU-1	MAKE-UP AIR UNIT	CAPTIVE AIRE	A1-0.250-15D	1,950	0.45	4.2	15	575/3/60	2.0	225.65	207.598	-	100	520	DIRECT FIRED MAKE-UP AIR UNIT SUPPLIED BY OWNER AND INSTALLED BY THIS DIVISION. UNIT COMPLETE WITH ROOF CURB, INTAKE HOOD AND MOTORIZED DAMPER. OPERATION INTERLOCKED WITH EXHAUST FAN EF-1. REFER TO DRAWINGS M304-M314 FOR FURTHER DETAILS.

FAN SCHEDULE														
TAG	DESCRIPTION	MANUFACTURER	MODEL	AIRFLOW (CFM)	E.S.P. (N.W.C)	FLA (A)	MOCP (A)	ELECTRICAL (V/Ph/Hz)	MOTOR HP	RPM	WEIGHT (LBS)	CONNECTION SIZES		REMARKS
												HW	CW	DRAIN
EF-1	KITCHEN EXHAUST FAN	CAPTIVE AIRE	DU240HFA	3,200	1.2	5.0	-	575V/3/60	5.0	780	264			ULC LISTED ROOF MOUNTED UPBLAST KITCHEN EXHAUST FAN SUPPLIED BY OWNER AND INSTALLED BY THIS DIVISION. FAN COMPLETE WITH VENTED ROOF CURB, GREASE BOX, ENVIROMATIC VIROGUARD SYSTEM AND HINGED FAN ADAPTER. FAN INTERLOCKED WITH MAKE-UP AIR UNIT MAU-1. REFER TO DRAWINGS M304-M314 FOR FURTHER DETAILS.
EF-2	WASHROOM EXHAUST FAN	CAPTIVE AIRE	DR12HFA	350	0.6	2.9	-	120V/1/60	0.25	1,429	49			DOWNDRAFT ROOF EXHAUST FAN SUPPLIED BY OWNER AND INSTALLED BY THIS DIVISION. FAN COMPLETE WITH ROOF CURB AND BACKDRAFT DAMPER. REFER TO DRAWINGS M304-M314 FOR FURTHER DETAILS.

PLUMBING FIXTURE AND EQUIPMENT SCHEDULE													
TAG	DESCRIPTION	MANUFACTURER	MODEL	SPECIFICATION	CONNECTION SIZES			REMARKS					
							HW	CW	DRAIN				
FD-1	FLOOR DRAIN (KITCHEN)	ZURN	ZN-211-B5-P-Y	DURA-COATED CAST IRON BODY WITH BOTTOM OUTLET, COMBINATION INVERTIBLE MEMBRANE CLAMP AND ADJUSTABLE COLLAR, POLISHED NICKEL BRONZE STRAINER, 3/4" TRAP PRIMER CONNECTION, SEDIMENT BUCKET.	--	--	3"						
FD-2	FUNNEL FLOOR DRAIN	ZURN	ZN-211-BF-P	DURA-COATED CAST IRON BODY WITH BOTTOM OUTLET, COMBINATION INVERTIBLE MEMBRANE CLAMP AND ADJUSTABLE COLLAR, POLISHED NICKEL BRONZE OPEN THROAT OVAL FUNNEL GRATE, 3/4" TRAP PRIMER CONNECTION.	--	--	3"						
CO	FLOOR CLEANOUT	ZURN	ZN-1602-SP	ADJUSTABLE FLOOR CLEANOUT, DURA-COATED CAST IRON BODY WITH NEOPRENE BODY SLEEVE, POLISHED NICKEL BRONZE ADJUSTABLE HEAD AND GASKETED, SECURED, SCORATED COVER, SEAL PLUG.	--	--	4"						
MB-1	MOP BASIN	FIAT	MSB2424	24"x24"x10" MOLDED STONE MOP BASIN. INSTALL OWNER-SUPPLIED SERVICE FAUCET WITH BUILT-IN STOPS, LEVER HANDLES AND WALL BRACE.	1/2"	1/2"	3"						
MV-1	KITCHEN HAND SINK MIXING VALVE	LEONARD	270-LF-BRKT	LEAD-FREE THERMOSTATIC POINT OF USE MIXING VALVE C/W MOUNTING BRACKETS.	1/2"	1/2"	--						
TSP	TRAP SEAL PRIMER	ZURN	Z1020	ELECTRONIC TRAP PRIMER C/W ATMOSPHERIC VACUUM BREAKER, 24 VAC SOLENOID, 120-24V TRANSFORMER, RECESSED BOX MOUNT AND COVER. PROVIDE ADDITIONAL OUTLETS AS REQUIRED.	--	1/2"	--						
DCVA	DOUBLE CHECK VALVE ASSEMBLY	WATTS	LF007	LEAD FREE CAST COPPER SILICON ALLOY BODY CONSTRUCTION, TOP MOUNTED LEAD FREE BALL VALVE TEST COCKS.	--	1/2" FW	--						
RP	REDUCED PRESSURE PRINCIPLE ASSEMBLY	WATTS	LF009-QT	LEAD FREE CAST COPPER SILICON ALLOY BODY CONSTRUCTION, BALL VALVE TEST COCKS, QUARTER-TURN SHUTOFF VALVES, AIR GAP DRAIN FITTING.	SEE PLAN	SEE PLAN	--						
HD-1	HUB DRAIN	ZURN	ZN-211-S	DURA COATED CAST IRON BODY WITH BOTTOM OUTLET POLISHED NICKEL BRONZE HUB.	--	--	3"						
TD-1	TRENCH DRAIN	ZURN	Z886-8601 8602	(6"x160" HDPE TRENCH DRAIN (sloped from 3.50" to 4.70") WITH (2) CLOSED END CAPS, (1) 4" NO-HUB BOTTOM OUTLET, CLASS-A HEEL-PROOF POLYETHYLENE GRATE. SEE DETAIL 13/P700 FOR REDUCTION TO 3" DRAIN CONNECTION.	--	--	3"						
L	WASHROOM LAVATORY	AMERICAN STANDARD (DXV)	COSSU D20126100.415 (R)	20"x10" FIRE GLAZ WALL-HUNG LAVATORY WITH OVERFLOW, SINGLE HOLE, RIGHT HAND FAUCET LEDGE (SEE PLAN), OPEN GRID STRAINER, OFFSET WASTE ASSEMBLY, TRAP, SUPPLIES STOPS AND ZURN 1251 CONCEALED AIR WALL SUPPORT CARRIER. TRIM: SLOAN BASYS EFX-200-100-0000 COMPLETE WITH EAF-37, 120V PLUG IN TRANSFORMER, MIXING VALVE MIX 60A. RECEPTACLE TO BE LOCATED 24" A.F.F. UNDER LAVATORY.	1/2"	1/2"	1-1/4"						
WC	WATER CLOSET	AMERICAN STANDARD	CHAMPION PRO ELONGATED 211AA.154	FLOOR MOUNTED ELONGATED LINED FLUSH TANK TOILET (6 LITRE) WITH BOLT DOWN COVER, 3/8"C.P. SUPPLY WITH SCREW DRIVER STOP AND WHITE OPEN FRONT SEAT LESS COVER AND STAINLESS STEEL HINGE, POSTS AND NUTS. FIXTURE: AMERICAN STANDARD CHAMPION PRO ELONGATED 211AA.154 SEAT: CENTOCO 500 STSQC COMPLETE WITH STAINLESS STEEL HINGES, POSTS AND NUTS.	--	1/2"	3"						
L-1	WASHROOM LAVATORY BARRIER FREE	AMERICAN STANDARD	MURRO 0954.000	WALL HUNG VITREOUS CHINA BASIN WITH ELECTRONIC FAUCET, MIXING VALVE, OPEN GRID STRAINER, OFFSET WASTE ASSEMBLY, TRAP, SUPPLIES WITH STOPS & FLOOR BASED CHAIR CARRIER AND 0.5 GAL AERATOR. FIXTURE: AMERICAN STANDARD "MURRO" 0954.000 TRIM: SLOAN BASYS EFX-200-100-0000 COMPLETE WITH EAF-37, 120V PLUG IN TRANSFORMER, MIXING VALVE MIX 60A. TRANSFORMER TO BE LOCATED BELOW SINK. REFER TO DETAILS. CARRIER: ZURN Z-1231-SL	1/2"	1/2"	1-1/4"						
WC-1	WATER CLOSET	AMERICAN STANDARD	CHAMPION PRO ELONGATED 211AA.154	FLOOR MOUNTED ELONGATED LINED FLUSH TANK TOILET (6 LITRE) 16" HIGH WITH BOLT DOWN COVER, 3/8"C.P. SUPPLY WITH SCREW DRIVER STOP AND WHITE OPEN FRONT SEAT WITH COVER AND STAINLESS STEEL HINGE, POSTS AND NUTS. FIXTURE: AMERICAN STANDARD CHAMPION PRO ELONGATED 211AA.154 SEAT: CENTOCO 820 STSQC COMPLETE WITH STAINLESS STEEL HINGES, POSTS AND NUTS.	--	1/2"	3"						

EXHAUST HOOD SCHEDULE									
TAG	MANUFACTURER	MODEL	EXHAUST (CFM)	MUA (CFM)	SUPPLY (CFM)	ELECTRICAL (V/Ph/Hz)	WEIGHT (LBS)	REMARKS	
HD-1	CAPTIVE AIRE	5424 ND-2-ACPPS-F	3,200	1,950	800	120V/1/60	1,200	ULC LISTED TYPE-I WALL CANOPY HOOD WITH PERFORATED MUA AND AC SUPPLY PLENUMS, 18-GA 430 S/S CONSTRUCTION, UTILITY CABINET, ANSUL SYSTEM, DUCT COLLAR TEMPERATURE SENSOR, PREWIRE PACKAGE, SPARE FIRE SYSTEM DRY CONTACT, 4-POLE 20A CONTACTOR. REFER TO DRAWINGS M304-M311 FOR FURTHER DETAILS.	

HEATED AIR CURTAIN SCHEDULE									
TAG	DESCRIPTION	MANUFACTURER	MODEL	HEATING ELECTRICAL OUTPUT	ELECTRICAL (V/Ph/Hz)	FLA (A)	MOTOR HP	REMARKS	
ARC-1	DRIVE THRU	QUIKSERV	QSV1025EJ-040-BK	3KW	208/1/60	16.1	1/5	QUIKSERV ELECTRICALLY HEATED AIR CURTAIN C/W 7 DAY PROGRAMMABLE THERMOSTAT. FOLLOW MANUFACTURER'S INSTALLATION RECOMMENDATIONS.	

WATER HEATER SCHEDULE									
TAG	MANUFACTURER	MODEL	STORAGE (U.S.G.)	CAPACITY	RECOVERY (GPM)	MCA (A)	MAX FUSE (A)	ELECTRICAL (V/Ph/Hz)	REMARKS
DWH-1	NAVEN	NPE-240A	--	199 MBH	5.6 @ 67° RISE	--	--	120V/1/60	GAS FIRED FORCED DRAFT DIRECT VENT INSTANTANEOUS WATER HEATER MOUNTED ON WALL. PROVIDE WITH REMOTE CONTROLLER AND LEAD FREE "PLUMB EASY VALVE SET".
DWH-2	NAVEN	NPE-240A	--	199 MBH	5.6 @ 67° RISE	--	--	120V/1/60	GAS FIRED FORCED DRAFT DIRECT VENT INSTANTANEOUS WATER HEATER MOUNTED ON WALL. PROVIDE WITH REMOTE CONTROLLER AND LEAD FREE "PLUMB EASY VALVE SET".


OWNER SUPPLIED EQUIPMENT - PLUMBING, DRAINAGE & GAS REQUIREMENTS

KITCHEN EQUIPMENT LIST

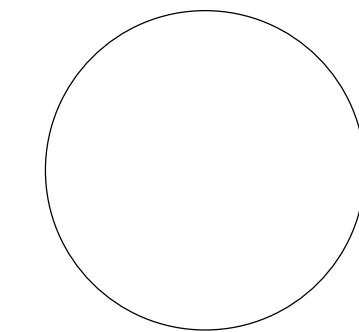
ITEM #	DESCRIPTION	MANUFACTURER	MODEL NO.	WATER		DRAIN		GAS	REMARKS
				CW	FW	HW	DIRECT		
1A	Front Serve Line - 12 Pan - POS Left	Delfield	12 Pan Serve Line POS_221x38.5in (Left)					3/4"	PROVIDE VALVE ON DRAIN. DRAIN TO FLOOR SINK.
13	Grill 48in - Natural Gas - Divider Left	Woodstone	WS-PL-48-36-4-CT-Left					3/4"	REFER TO GAS LOAD SUMMARY FOR CAPACITY.
14	Range 6 Burner - Natural Gas	Garland	U36-6S					3/4"	REFER TO GAS LOAD SUMMARY FOR CAPACITY.
16	Fryer - Gas - Standard Efficiency	Pitco	35CS					3/4"	REFER TO GAS LOAD SUMMARY FOR CAPACITY.
18	Gas Rice Cooker	Woodstone	WS-RGC-60					3/4"	REFER TO GAS LOAD SUMMARY FOR CAPACITY.
22	Prep Sink - Corner - Left	Trimark	S1-122x34-US-FF-L					2"	
22.1	Prep Sink Faucet Big Flow Faucet	T&S	B-0293-01	1/2"		1/2"			
22.2	Prep Sink Vegetable Wash Faucet	T&S	B-0730	1/2"					CW SUPPLY FROM RP BFP WALL MOUNTED BELOW WATER FILTERS. PROVIDE 3/4" HOSE CONNECTION TO VICTORY WASH CHEMICAL DISPENSER.
22.3	Prep Sink Drain Assembly	T&S	B-3950					2"	DRAIN TO HUB DRAIN
24.3	Hand Sink Wall Mounted - Splash Both	Universal Stainless	EHS-1RL-NF				1-1/2"		
24.5	Kitchen Hand Sink Faucet Splash Mount	T&S	B-1146-04	1/2"		1/2"			110°F HW FROM MIXING VALVE BELOW SINK.
29.2	Dish Sink Add-A-Faucet w/ Pre-Rinse	T&S	B-1033-12CRBJSK Substitute Sprayer B-0107-J-SWV	1/2"		1/2"		2"	
29.3	Dish Sink Drain Assembly	T&S	B-3950					2"	DRAIN TO HUB DRAIN
29.4	Dish Sink Chemical Faucet	T&S	B-2345-01-XX	1/2"		1/2"			CW & HW SUPPLIES FROM RP BFP'S WALL MOUNTED BELOW WATER FILTERS. PROVIDE 3/4" HOSE CONNECTION TO ECOLAB CHEMICAL DISPENSER.
29B	3 Comp. Sink - 18x24in bowls - 111 3/4in	Nationwide fabrication: Marlo Mfg	S3-30x111.75x36.5-FF	1/2"		1/2"		2"	
32.2	Ice Maker - Storage Bin	Hoshizaki	B5005F					3/4"	DRAIN TO HUB DRAIN. FW SUPPLY FROM DCVA WALL MOUNTED BELOW WATER FILTERS.
32.3	Icemaker- Filter	Cuno	Bev 190	1/2"					
32.4	Ice Maker - Scale Inhibitor	Cuno	CF5440-HT	1/2"					
32A	Ice Maker For B.O.H. Ice Bin (Shorter)	Hoshizaki	KML-700MRJ						
32C	Ice Maker Mounted On Soda Machine - Air Cooled	Hoshizaki	KMD-530MAJ						
32D	Ice Maker Mounted On Soda Machine - Remote Air Cooled	Hoshizaki	KMD-530MRJ						
33	Walk In Cooler 9x12x10ft 3in - Standard	Manitowoc/Norlake	CHP912SL-RS						
37	Mop Sink Faucet	T&S	B-0660-BSTR	1/2"		1/2"			
37.1	Mop Sink Chemical Faucet	T&S	B-2345-01-XX	1/2"		1/2"			CW & HW SUPPLIES FROM RP BFP'S WALL MOUNTED BELOW WATER FILTERS. PROVIDE 3/4" HOSE CONNECTION TO ECOLAB CHEMICAL DISPENSER.
39B	DML 2.0 130in - Right - W/POS & Cash Drawer	Franke/Delfield	DML 2.0_RT-130x39						
61B	Dish Machine	Hobart	AM16SCB	1/2"		3/4"		2"	DRAIN TO HUB DRAIN
69B	M4.0 Simplicity Bubbler Mini-Quad	Crathco	CS-4E-16					3/4"	DRAIN TO HUB DRAIN
70	Speed Fill Faucet	T&S	B-0432.MOD	1/2"		1/2"			

GRILLE AND DIFFUSER SCHEDULE				
TAG	DESCRIPTION	MANUFACTURER	MODEL	REMARKS
CD1	PERFORATED CEILING DIFFUSER	NAILOR	4320A TYPE L	24"x24", LAY-IN, INTEGRAL OBD, WHITE FINISH
CD2	PERFORATED CEILING DIFFUSER	NAILOR	4320A TYPE L	24"x12", LAY-IN, INTEGRAL OBD, WHITE FINISH REMOVE 4-WAY DEFLECTOR.
ER1	PERFORATED CEILING EXHAUST	NAILOR	4330R TYPE S	8"x8" SURFACE MOUNT, INTEGRAL OBD, WHITE FINISH
RG1	PERFORATED CEILING RETURN	NAILOR	4330R TYPE L	LAY-IN, INTEGRAL OBD, WHITE FINISH. SEE PLAN FOR SIZE.
RG2	0' FIXED BLADE RETURN GRILLE	NAILOR	51FH	SURFACE MOUNT, HORIZONTAL 0' FIXED BLADE, INTEGRAL OBD, PAINTED TO MATCH WALL COLOR. SEE PLAN FOR SIZE.
RG3	PERFORATED CEILING RETURN	NAILOR	4330R TYPE S	24"x20" SURFACE MOUNT, INTEGRAL OBD, WHITE FINISH
SR1	ADJUSTABLE TURBO NOZZLE	AIR CONCEPTS	ANR	WALL MOUNT, PROVIDE WITH CONCEALED MOUNTING AND FACE ACCESSIBLE OBD, WHITE FINISH
SR2	DOUBLE DEFLECTION SUPPLY REGISTER	NAILOR	51DH	SURFACE MOUNT, HORIZONTAL FRONT BLADES, INTEGRAL OBD, MILL FINISH

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AIR BALANCE SCHEDULE

TAG	SUPPLY FLOW (CFM)	RETURN FLOW (CFM)	EXHAUST FLOW (CFM)	SUBTOTAL (CFM)
EF-1	0	0	3,200	-3,200
EF-2	0	0	350	-350
MAU-1	1,950	0	0	1,950
RTU-1	4,000	3,000	0	1,000
RTU-2	5,000	4,000	0	1,000
NET PRESSURIZATION (CFM)				400

DESIGN BULLETIN: DB-03/2022

Issue Record:	Revisions:
2022-03-08	ISSUED FOR COORDINATION
2022-03-11	ISSUED FOR COORDINATION
2022-03-21	ISSUED FOR LL REVIEW
2022-05-27	ISSUED FOR PERMIT
2022-06-24	ISSUED FOR TENDER
2022-10-04	ISSUED FOR CONSTRUCTION
2022-07-13	ISSUED FOR ADD M-01

Drawn: KL/KE
Checked: JCY/AJG

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Contents:
MECHANICAL SCHEDULES