	TAG	DESCRIPTION	NOTES	DCW CONNECTION	DHW CONNECTION	SANITARY CONNECTION	OTHER
	L-1	SOLID SURFACE LAVATORY, ELECTRONIC FAUCET, BELOW DECK MECHANICAL WATER MIXING VALVE	LAVATORY SPECIFIED BY ARCHITECTURAL, COORDINATE FINAL DRAIN CONNECTIONS ACCORDINGLY, INSTALL TO MANUFACTURER REQUIREMENTS. SLOAN DECK MOUNT #EBF-187-4 'OPTIMA' ELECTRONIC FAUCET (WATER SENSE COMPLIANT), PLUG IN TRANSFORMER, VANDAL RESISTANT 1.3 LPM (0.35 GPM), NON-AERATING MULTI-LAMINAR FLOW SPRAY OUTLET. LAWLER #TMM-1070, BELOW DECK MECHANICAL WATER MIXING VALVE, INTEGRAL CHECKS. MCGUIRE #155WC OFFSET OPEN GRID DRAIN, #LFH170BVRB FAUCET SUPPLIES, #8872C, P-TRAP, 'PROWRAP' #PW2000WC SANITARY COVERING. PROVIDE TEE, ADAPTORS AND FLEX. COPPER TUBING TO SUIT INSTALLATION. PROVIDE BASIN RIM SEALANT.	X	Х	X	
	L-2	BARRIER FREE WALL HUNG VITREOUS CHINA LAVATORY, ELECTRONIC FAUCET, BELOW DECK MECHANICAL WATER MIXING VALVE	KOHLER SOHO K-2084, SLOAN DECK MOUNT #EBF-187-4 'OPTIMA' ELECTRONIC FAUCET, #EL-154 HARDWIRED TRANSFORMER, ETF-1021-A WITH VANDAL RESISTANT 1.3 LPM (0.35 GPM), NON-AERATING MULTI-LAMINAR FLOW SPRAY OUTLET. LAWLER #TMM-1070, BELOW DECK MECHANICAL WATER MIXING VALVE, INTEGRAL CHECKS. MCGUIRE #155WC OFFSET OPEN GRID DRAIN, #LFH170BVRB FAUCET SUPPLIES, #8872C, P-TRAP, 'PROWRAP' #PW2000WC SANITARY COVERING. PROVIDE TEE, ADAPTORS AND FLEX. COPPER TUBING TO SUIT INSTALLATION.	Х	X	X.	
	WC-1	VITREOUS CHINA — FLUSHOMETER — EXPOSED — MANUAL	AMERICAN STANDARD #3461001.020, 'MADERA FLOWISE RIGHT HEIGHT ELONGATED', 419 MM HIGH TOILET, VITREOUS CHINA, FLOOR MOUNTED, OPERATES IN THE RANGE OF 4.2 L TO 6 L (1.1 US GAL TO 1.6 US GAL) PER FLUSH, ELONGATED BOWL, SIPHON JET FLUSH ACTION. AMERICAN STANDARD #5901.100SS.020, 'COMMERCIAL', HEAVY DUTY TOILET SEAT, WHITE FINISH SOLID POLYPROPYLENE PLASTIC, OPEN FRONT LESS COVER. SLOAN #ROYAL 111–1.28 ES—S TMO—CP—YG, POLISHED CHROME FINISH, EXPOSED FLUSHOMETER FOR TOP SPUD TOILET, 4.8 L (1.28 US GAL) FACTORY SET FLOW. — SLOAN #EL—154, HARDWIRED TRANSFORMER. SLOAN YG EXTENDED SEAT BUMPER. FRANKE 'MIDLAND' #CM—16104 BACK REST. PROVIDE 45—DEGREE ANGLED FLOOR FLANGE, (SAME MATERIAL AS THE CONNECTING PIPE DRAIN), WITH ALL BRASS BOLTS AND WITH RUBBER GASKET. PROVIDE 4" (102 MM) SQUARE ELECTRICAL BOX FOR MOUNTING SENSOR PLATE. CO—ORDINATE FLUSH VALVE SENSOR HEIGHT WITH BACKREST AND GRAB BARS ON SITE.	X		X	
	MS-1	FLOOR MOUNT MOP SINK	STERN WILLIAMS #MTB-2424 SERVICE / MOP SINK, 610 MM (24") WIDE X 610 MM (24") LONG X 254 MM (10") HIGH, TERRAZZO. AMERICAN STANDARD #8354112.002, 'YOKE', TWO HANDLES FAUCET, HOSE END CONNECTION, VACUUM BREAKER. STERN WILLIAMS A-20 BUMPER GUARD ANODIZED ALUMINUM CAP, T-35 HOSE AND WALL HOOK 36" (914 MM) LONG HOSE WITH 3/4" (19 MM) CHROME COUPLING, STAINLESS STEEL WALL BRACKET. STERN WILLIAMS T-40 MOP HANGER STAINLESS STEEL #4 FINISH, 24" (610 MM) LONG WITH 3 RUBBER SPRING LOADED CLIPS. STERN WILLIAMS BP BACK SPLASH PANEL 20 GA. (0.9 MM) TYPE 304 STAINLESS STEEL, TC-3 GASKET 3" (76 MM) FOR XHCI, PLASTIC AND STEEL PIPE. PROVIDE P-TRAP. COMPLETE WITH DRAIN GASKET.	X	X	Х	
-	S-1	DOUBLE COMPARTMENT DROP IN SINK, BARRIER FREE	FRANKE COMMERCIAL #ALBD4405P-1/3, COUNTERTOP MOUNT SINK, 18 GAUGE, 3 HOLE PUNCHING. DELTA 16879-DST SINGLE HANDLE FAUCET, OPTIONAL ESCTUCHEON (4" CENTERS), STAINLESS STEEL FINISH, PRESSURE COMPENSATING 6.8 LPM (1.8 GPM) AERATOR OUTLET, PULL OUT HAND SPRAY WITH DUAL CHECK VALVE. LAWLER #TMM-1070, BELOW DECK MECHANICAL WATER MIXING VALVE, INTEGRAL CHECKS. MCGUIRE #LFH170BVRB FAUCET SUPPLIES, #8912CB P-TRAP, 'PROWRAP' #PW2000 SANITARY COVERING. PROVIDE TEE, ADAPTORS AND FLEX. COPPER TUBING TO SUIT INSTALLATION. PROVIDE TEMPERED WATER TO HOT SIDE OF FAUCET.	X	X	Х	
	E W -1	WALL MOUNT EMERGENCY FACE WASH	BRADLEY HALO S19224SS WALL MOUNTED, STAINLESS STEEL BOWL. PROVIDE SHUT-OFFS AT EMERGENCY MIXING VALVE. UNIT SHALL INCLUDE ANSI COMPLIANT SIGNAGE. THERMOSTATIC MIXING VALVE: BRADLEY NAVIGATOR S19-2000 EFX-8, WITH BUILT-IN COLD WATER BY-PASS, ROUGH BRONZE FINISH, SURFACE MOUNT SS CABINET, DIAL THERMOMETER, LOCKING TEMPERATURE REGULATOR WITH LIMIT STOP FACTORY SET FOR 90 DEGREES, INTEGRAL CHECK STOPS. UNIT SHALL HAVE A FLOW RATE OF 7.0 GPM WITH A MAXIMUM PRESSURE LOSS OF 30-PSI. UNIT SHALL BE CERTIFIED TO ASSE 1071 AND BE CERTIFIED TO MEET LOW LEAD REQUIREMENTS OF WETTED SURFACE AREA CONTAINING LESS THAN 0.25% LEAD BY WEIGHT. PROVIDE 'P' TRAP TO DRAIN PROVIDE TEMPERED PLUMBING LINE FROM MIXING VALVE.	Х	X	Х	THERMOSTATIO MIXING VALVE, TEMPERED WATE SUPPLY
	FD-1	FLOOR DRAIN	SMITH SERIES 2005AHD FLOOR DRAIN, ALL DUCO COATED CAST IRON BODY, REVERSIBLE FLASHING CLAMP WITH SEEPAGE OPENINGS AND ADJUSTABLE 5" DIAMETER NICKEL BRONZE STRAINER. PROVIDE CANPLAS SURESEAL INLINE TRAP SEALERS FOR EACH LOCATION. ENSURE TRAP IS PRIMED PRIOR TO COMPLETION.			X	
	FD-2	FUNNEL FLOOR DRAIN	SMITH SERIES 2005AHD FLOOR DRAIN, ALL DUCO COATED CAST IRON BODY, REVERSIBLE FLASHING CLAMP WITH SEEPAGE OPENINGS AND ADJUSTABLE 5" DIAMETER NICKEL BRONZE STRAINER. PROVIDE CANPLAS SURESEAL INLINE TRAP SEALERS FOR EACH LOCATION. ENSURE TRAP IS PRIMED PRIOR TO COMPLETION. OVAL FUNNEL, NICKEL BRONZE FINISH.			Х	
	WH-1		WATTS HY-725 HYDRANT, 3/4"ø(19 MM) HOSE CONNECTION, 3/4"ø(19 MM) FEMALE X 1"ø(25 MM) MALE PIPE CONNECTION, INTEGRAL VACUUM BREAKER, NICKEL BRONZE BOX AND DOOR, DEPTH TO SUIT WALL CONSTRUCTION.	X			-
	HB-1	INTERIOR HOSE BIBB, VACUUM BREAKER	WATTS SC8-1 HYDRANT, WATTS MODEL 8B TAMPER-PROOF VACUUM BREAKER WITH BREAK-AWAY SCREW FAUCET, 1/2" (13 MM) MALE NPT COPPER SWEAT CONNECTION WITH TEE HANDLE, CAST BRASS, ADJUSTABLE PACKING NUT CARTRIDGE.	Х			
	LT-1		FIAT FL1100 SINK - FLOOR MOUNTED, SINGLE COMPARTMENT SINK, CONSTRUCTED FROM MOLDED STONE, 102 MM (4") KNOCKOUT CENTER (FIELD DRILLED), WITH OVERALL DIMENSION 584 MM (23") LONG, 546 MM (21-1/2") WIDE, 851 MM (33-1/2") HIGH. CHICAGO FAUCETS 891-317ABCP FAUCET - MANUAL, TWO HANDLES, SINK FAUCET. LAWLER TMM-1070-87500 MIXING VALVE - THE POINT OF USE MECHANICAL MIXING VALVE WITH THERMOSTATIC LIMIT STOP, MECHANICAL MIXING VALVE, 1.8 LPM (0.5 GPM) TEMPERED FLOWRATE @ 5 PSI PRESSURE DROP. MCGUIRE LFH165LKN3SS12 SUPPLY - LEAD FREE, WITH CHROME-PLATED FINISH, PREMIERE HEAVY LOOSE SUPPLY, LAVATORY TWO 10 MM (3/8") I.P.S. X 10 MM (3/8") OUTER DIA. HEAVY STOP VALVE CONNECTION, SHALLOW STEEL FLANGE, CONVERTIBLE LOOSE KEY HANDLE, 76 MM (3") LONG NIPPLE. MCGUIRE 8912CB P-TRAP - HEAVY CAST BRASS, ADJUSTABLE P-TRAP, 292 MM (11-1/2") LENGTH, WITH CLEANOUT PLUG.	X	X	X	
	DF-1	DRINKING FOUNTAIN/BOTTLE FILL STATION	ELKAY LZSTL8WSSP-PF WALL MOUNTED BARRIER FREE BOTTLE FILL STATION AND BI-LEVEL DRINKING FOUNTAIN, REFRIGERATED COOLER, STAINLESS STEEL CASING AND TOP, LED FILTER STATUS INDICATOR, GREEN TICKER WATER USE MONITOR, PFOA/PFOS FILTER, NSF/ANSI 42, 53, 61, 372, 401 COMPLIANT, FLEXI-GUARD SAFETY BUBBLER, WALL MOUNT, 120V, 10, CUL LISTED. INCLUDE STAINLESS STEEL BACK PANEL, IN-WALL CARRIER FOR BI-LEVEL ON WALL FILL STATION, PROVIDE WITH 1 SPARE FILTER AND TURN OVER TO OWNER PRIOR COMPLETION.	X		X	
	RD-1		WATTS RD-100-BED CONTROL FLOW ROOF DRAIN, CAST IRON BODY, CAST IRON DOME, ADJUSTABLE EXTENSION, DECK CLAMP, ACCUTROL WEIR (SLOTS AS PER ROOF PLAN), INTEGRAL GRAVELSTOP, NO HUB OUTLET. COORDINATE WITH GC FOR FINAL ROOF CONSTRUCTION REQUIREMENTS.				

HOT WATER	TANKS	(BASED ON A.O. SMITH)	·
I TO I WAY TIET	17 11 11 10	(DINOLD ON IN.O. OWN III)	

	•		-				
TAG	LOCATION	MODEL	TYPE	VOLUME L(GAL)	CAPACITY	ELECTRICAL	COMMENTS/ACCESSORIES
HWT-1	MECH ROOM 120	DRE-80-27	ELECTRIC	286 (80)	27.0KW	27.05FLA, 600V 3ø	1-6, 10
HWT-2	MECH ROOM	DRE-52-12	ELECTRIC	179 (50)	12.0KW	12.0FLA, 600V 3ø	1-4,7,8, 9

1) 150 PSI WORKING PRESSURE 2) T&P RELIEF 3) GLASS LINED 4) AQUASTAT CONTROLS 5) AMTROL ST-12 EXPANSION TANK (ET-1) 6) ARMSTRONG ASTRO 250SS (CP-1: 6GPM AT 13'HD, 120V/1ø). 7) AMTROL ST-12 EXPANSION TANK (ET-2) 8) ARMSTRONG ASTRO 250SS (CP-2: 6GPM AT 13'HD, 120V/1ø). 9) PROVIDE TIMECLOCK CONTROL FOR OPERATION OF DHWR RECIRC PUMP. 10) CONTROL THRU EMCS SYSTEM

OIL INTERCEPTORS

TAG	LOCATION	MANUFACTURER	MODEL	SERVICE	INLET AND OUTLET PIPE	VENT PIPE	HOLDING CAPACITY	WIDTH (IN)	LENGTH (IN)	HEIGHT (IN)	WET WEIGHT (LB)	COMMENTS/OPTIONS
OI-1	WASHBAY 138	ZURN PROCEPTOR	OMC150	OIL	6"	3" DIAMETER (X2)	TOTAL: 150GAL., OIL: 66GAL.	32	62	40	1500	FIBREGLASS REINFORCED PLASTIC, INTEGRAL STORAGE TANK, EXTENSION COLLAR TO SUIT FINISHED GRADE AND EXISTING DRAIN PIPE INVERTS, H20 DUTY RATED SOLID COVER. EXCAVATION, BACKFILL, AND INSTALLATION TO MANUFACTURER RECOMMENDATIONS

ELECTRIC STEAM HUMIDIFIERS

TAG	MODEL	CAPACITY (LB/HR)	POWER (KW)	ELECTRICAL (V/ø/A)	AIRFLOW (CFM)	DUCT DIMI INCHES		ABSORPTION DISTANCE – IN. (MAX.)	WEIGHT	COMMENTS
HU-1	NEPTRONIC SKE4-NO4	12.0	4.0	208V/1ø/19.0	765	16	10	18		WALL MOUNT HUMIDIFIER, INTEGRAL DRAIN COOLER, BACNET CONTROL INTERFACE WITH BUILDING AUTOMATION SYSTEM, CONTROL CABINET, AIRFLOW PROVING SWITCH, SPACE HUMIDITY SENSOR AND DUCT HIGH LIMIT SENSOR, REMOVABLE/CLEANABLE STEAM CHAMBER, RAPID ABSORPTION DUCT MOUNT DISPERSION MANIFOLD

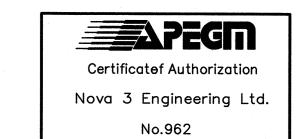
TAG	MODEL	COMMENT
S1	SCD/B12	SQUARE CONE DIFFUSER (W/INTEGRAL DAMPER WHERE DUCT MOUNT DAMPER NOT PERMITTED)
S2	620D/F/L/A/B12	ALUMINUM DOUBLE DEFLECTION GRILLE (W/INTEGRAL DAMPER WHERE DUCT MOUNT DAMPER NOT PERMITTED)
\$3	JSPI	1 SLOT, ADJUSTABLE LINEAR SLOT DIFFUSER, VERTICAL DISCHARGE APPLICATION, 4'-0" LONG ACOUSTIC LINED FIBRE FREE ENGINEERED PLENUM, TYPE 21 BORDER WITH TYPE-W ANGLE END-CAP. PROVIDE OPTIONAL CABLE OPERATED DAMPER ACCESSIBLE FROM DIFFUSER FACE. BORDER TO BE PROVIDED WITH A BLACK COLOR/FINISH; COORDINATE FINAL COLOR REQUIREMENTS WITH ARCHITECT/GENERAL CONTRACTOR. REFER TO DRAWINGS FOR INLET SIZE, SLOT WIDTH AND QUANTITIES.
S4	RCDA	ADJUSTABLE ROUND CONE DIFFUSER, DUCT MOUNT
T1	630/F/L/B12	ALUMINUM EGG CRATE TRANSFER GRILLE; REFER TO FINAL REFLECTED CEILING PLAN FOR APPLICATION. (GRILLE IN VESTIBULE 100 TO HAVE BLACK FINISH MATCHING S3 DIFFUSER)
R1	80/B12	ALUMINUM EGG CRATE RETURN GRILLE; REFER TO FINAL REFLECTED CEILING PLAN FOR APPLICATION
R2	95/F/L/A/B12	HEAVY DUTY RETURN GRILLE,
E1	80/B12	ALUMINUM EGG CRATE EXHAUST GRILLE; REFER TO FINAL REFLECTED CEILING PLAN FOR APPLICATION
E2	630/F/L/A/B12	ALUMINUM LOUVERED TRANSFER GRILLE
L1	DE635	EXTERIOR ALUMINUM LOUVER, BIRDSCREEN. ALLOW FOR CUSTOM COLOR FINISH TO MATCH ADJACENT EXTERIOR SIDING. COORDINATE SELECTION WITH GC AN ARCHITECTURAL.

DUCTLESS SPLIT AC UNIT (MITSUBISHI)

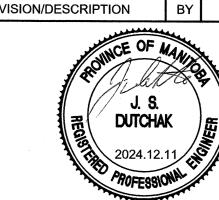
TAG	SERVICE	INDOOR UNIT MODEL	OUTDOOR UNIT MODEL	NOMINAL AIRFLOW (CFM)*	E.S.P.	MAX COOLING (MBH)	SEER2	SYSTEM MCA (208V/1ø)
AC-5/CU-5	SERVER 119	PKA-A36KA	PUY-A36NKA	850	_	36.0	19.4	(1A-INDOOR, 25A-OUTDOOR), 30MOCP
AC-6/CU-6	ELEC 139B	PKA-A12LA	PUY-A12NKA	350	_	12.0	21.3	(1A-INDOOR, 11A-OUTDOOR), 15MOCP

STAND.	o Emos. 2) while moont inbook of	INT OF COOLING ONLY. TO LOT	W AMDIENT (" TOI) KIT KEQUIKE	, J) I
HODIZONITAL DIJECTED FAN COILE (DV COOL				

TAG	SERVICE	MANUF.	INDOOR UNIT MODEL	NOMINAL AIRFLOW (CFM)*	E.S.P.	ELECTRIC HEATING @208/240V(KW)	MAX COOLING (TONS)	SEER	SYSTEM MCA (208V/1ø)	OPTIONS
FC-1 (CU-3)	MPR 136	CARRIER	FJ4DNB	1050	0.5	11.25/ 15.0	3.0	15.5	74.4	1,2,3,4
FC-2 (CU-4)	STOR 137	CARRIER	FJ4DNB	900	0.5	6.0/ 8.0	2.5	15.5	43.3	1,2,3,4



0 ISSUED FOR CONSTRUCTION No. REVISION/DESCRIPTION JSD 2024.12.11 BY DATE



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Winnipeg THE CIT.

ASSETS and PROJECT.

DEPARTMENT

MUNICIPAL ACCOMMODATIONS

DIVISION

STREET, R3C 4^V THE CITY OF WINNIPEG
ASSETS and PROJECT MANAGEMENT

REDEVELOPMENT OF THE OLD EXHIBITION ARENA ISSUED FOR CONSTRUCTION

80 SINCLAIR STREET

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5	INDOOR AI	R HANDLING	UNIT (ENG A	AIR)							·	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·				
-			MANUFACTURER	SUPPLY AIR	EVAP FAN E.S.P.			HEATING				COOLING			ELECTRICA	L	
	TAG	SERVES	MODEL	(CFM)	(IN WG)	MOTOR HP	HEATING TYPE	STAGES	HEATING INPUT (KW)	STAGES	TOTAL COOLING (MBH)	SENSIBLE COOLING (MBH)	EFFICIENCY (SEER/EER/COP)	MCA	MOCP	VOLTAGE	COMMENTS/OPTIONS
	AH-1	ARENA STORAGE AREA	LM3/K/C/MV	3000	0.75	3.0	ELECTRIC	SCR	50	2	90	61.7		56.2	60.0	575/3/60	MIN. SCCR 22.5KA
-	AH-2	ARENA MPR	LM13/K/C/MV	9700	0.75	7.5	ELECTRIC	SCR	75	4	300	225.0		87.3	100.0	575/3/60	MIN. SCCR 22.5KA

1) TOP R/A, S/A, O/A CONNECTIONS, MIXING DAMPERS, PROGRAMMABLE SPACE THERMOSTAT, WALL MOUNT TEMPERATURE SENSOR, BACNET INTERFACE FOR EMCS CONTROL, VFD ON FAN MOTOR. MERV 13A FILTRATION

		MANUFACTURER	SUPPLY AIR	VENTILATION AIR		MOTOR HP		HEATING			(COOLING					
TAG	SERVES	MODEL	(CFM)	(CFM) -MAX.	E.S.P. (IN WG)	(DIRECT DRIVE)	HEATING TYPE	STAGES	HEATING INPUT (KW)	STAGES	TOTAL COOLING (MBH)	SENSIBLE COOLING (MBH)	EFFICIENCY (SEER)	MCA	MOCP	VOLTAGE	COMMENTS/OPTIONS
\H-3	STORES OFFICES	CARRIER 50FC-A04A2A1	1100	140	0.65	0.38 BHP	ELECTRIC	-	13.8	1	35.0	25.0	14.0	22.0	25.0	575/3/60	1,2,3,4,5,7,8,9

MAKE UP A	AIR UNITS (BA	ASED ON ENG	AIR)			-	-				-		-		
TAG	SERVES	MODEL	SUPPLY AIR (CFM)	E.S.P. (IN WG)	MOTOR HP	VFD	WEIGHT (LBS)	HEATING				ELECTRICAL			
								HEATING TYPE	HEATING CAPACITY (KW)	EAT (°F)	LAT (°F)	MCA	MOCP	VOLTAGE	COMMENTS/OPTIONS
MUA-1	WASHBAY	LM1-K-O	980	0.5	0.75	YES	1000	ELECTRIC (SCR)	35	-40	70	45.9	50	575/3/60	1–5