

FILE NAME: 2015037MWO.dwg DATE: 2016.08.25 PROJECT No: 2015-037 SHEET TITLE: MECHANICAL SCHEDULES ADDRESS: 1777 BRADY ROAD

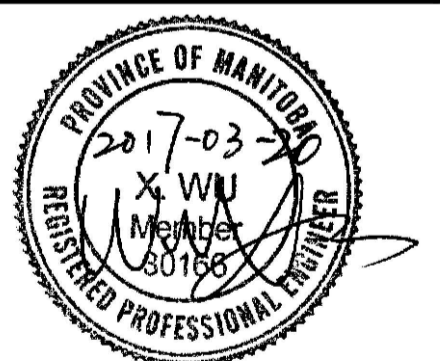
PLUMBING FIXTURE SCHEDULE								
TAG	MFG	DESCRIPTION	MODEL	TRAP	CONNECTIONS			REMARKS
					CW	HW	WASTE	
WC-1	ENVIROLET	WATERLESS TOILET					200	ADA COMPLIANT, MADE OF DUABLE HIGH DENSITY POLYETHYLENE(HDPE) PLASTIC, REMOVABLE BOWL FOR EASY, SANITARY CLEANING, BUILT IN VISUAL GUARD, WHITE COLOR, TOILET SEAT AND LID. TOILET SEAT, RUBBER FLOOR GASKET AND HARDWARE INCLUDED. TOILET INCLUDED WITH THE PU
LAV-1	FRANK KINDRED	COUNTER TOP LAVATORY	OV1821/6	40			40	COUNTERTOP 18 GAUGE TYPE 304 STAINLESS STEEL LAVATORY SELF RIMMING AND POSITIVE HOLD DOWN CLAMPING. MIRROR FINISHED RIM, SATIN FINISHED BOWL. UNDERCOATED TO REDUCE CONDENSATION AND RESONANCE AND C/W WASTE ASSEMBLY. CSA APPROVED AND ADA COMPLIANT
	SLOAN	HAND FREE FAUCET	EAF-275-ISM		15	15		SOLAR POWERED, SENSOR ACTIVATED, ELECTRONIC, CHROME PLATED CONSTRUCTED METAL, HAND WASHING FAUCET C/W 1.3LPM (0.35GPM)VANDAL RESISTANT AERATOR. ETF-312-A TRIM PLATE, MIXING LEVER AND MOUNTING HARDWARE. ADA COMPLIANT.NOTE: MECHANICAL SUB-CONTRACTOR TO SET F
SK-1	KINDRED	LUNCH ROOM SINK	QSL2020/7	40			40	SINGLE BOWL, LEDGEBACK SINK MANUFACTURED BY FRANK KINDRED CANADA LIMITED FROM 20 GAUGE, 18-8 STAINLESS STEEL. PRODUCT HAS A BRIGHT MIRROR FINISHED RIM AND SATIN FINISHED BOWL. SINK IS FULLY UNDERCOATED. BASKET STRAINER WASTE FITTING (3 1/2", 89 MM) AND I
	KOHLER	FAUCET	K-15171-XP		15	15		THE SINGLE-CONTROL KITCHEN SINK FAUCET SHALL BE OF METAL CONSTRUCTION. PRODUCT SHALL HAVE A MAXIMUM FLOW RATE OF 2.2 GPM WITH LOWER FLOW VANDAL RESISTANT AERATOR (0.5GPM). PRODUCT SHALL FEATURE A ONE-PIECE, SELF-CONTAINED CERAMIC DISC VALVE, WHICH ALLOWS
MS-1	FIAT	MOP SERVICE BASIN	MSB2424	75	15	15	75	WHITE MOLDED -STONE MOP SERVICE BASIN, SERVICE FAUCET 830-AA; HOSE AND HOSE BRACKET 832-AA.; MOP HANGER 889-CC; STAINLESS STEEL BUMPERGUARD; STAINLESS STEEL WALL GUARD.
DF-1	ELKAY	DRINKING FOUNTAIN	LZSG8WS	32	15		32	HIGH-EFFICIENCY ELECTRIC, REFRIGERATED WATER COOLER AND BOTTLE FILLING STATION. MODEL LZSG8WS SHALL DELIVER 8 GPH OF 50°F DRINKING WATER AT 90°F AMBIENT AND 80°F INLET WATER. LOWER UNIT SHALL HAVE PUSHBAR ACTIVATION. BOTTLE FILLING UNIT SHALL INCLUDE AN
SH-1	KOHLER	SHOWER FAUCET		75	15	15	75	THE SINGLE-FUNCTION HANDSHOWER SHALL FEATURE FLOW CONTROL AND BUTTON ACTIVATED FLOW RATE OF 1.5 GPM. HANDSHOWER SHALL FEATURE EASY TO CLEAN MASTERCLEAN SPRAY NOZZLES. HANDSHOWER SHALL FEATURE AIR-INDUCTION TECHNOLOGY TO MAXIMIZE THE AIR/WATER MIX FOR A PO
SH-2	KOHLER	SHOWER FAUCET		75	15	15	75	THE SINGLE-HANDLE SHOWER TRIM SET SHALL BE MADE OF METAL CONSTRUCTION. PRODUCT SHALL INCLUDE SHOWERHEAD WITH ARM AND FLANGE, AND FACEPLATE WITH LEVER HANDLE. FAUCET TRIM SHALL BE KOHLER MODEL K-T15611.4-H AND MIXING VALVE SHALL BE KOHLER MODEL K-304K. 1.5G
HB-1	MIFAB	ANTI-CONTAMINATION WALL FAUCET	MHY-9000-NPB		15			EXPOSED TYPE, ANTI-CONTAMINATION WALL FAUCET WITH 3/4" (19) MALE HOSE CONNECTION AND ANTI-SIPHON VACUUM BREAKER. EXTERIOR FINISH TO BE BRASS., OPERATING HANDLE TO BE BROWN PLASTIC WHEEL HANDLE, AND INLET CONNECTION TO BE (SPECIFY 1/2" (13) OR 3/4" (19) F.P
HB-2	MIFAB	ENCASED NON FREEZE WALL HYDRANT	MYH-20		19			A.S.S.E. 1019-B CERTIFIED EXPOSED TYPE, SELF DRAINING, NON FREEZE WALL HYDRANT WITH A.S.S.E. 1011 APPROVED ANTI-SIPHON AND VANDAL RESISTANT INTEGRAL VACUUM BREAKER WITH 3/4" (19) MALE HOSE CONNECTION. HYDRANT ASSEMBLY COMPLETE WITH NEOPRENE PLUNGER TO C
FD-1	WATTS	FLOOR DRAIN	FD-100 Series	75				EPOXY COATED CAST IRON FLOOR DRAIN WITH ANCHOR FLANGE, REVERSIBLE MEMBRANE CLAMP WITH WEEP HOLES, 1/4" THICK, 6" ROUND ADJUSTABLE NICKEL BRONZE STRAINER AND NO HUB OUTLET. SIZE DRAIN BODY TO MATCH REQUIRED PIPE SIZING ON DRAWINGS. VANDAL PROOF. TRAP PRIMER
FFD-1	WATTS	FUNNEL FLOOR DRAIN	FD-100 Series	75				EPOXY COATED CAST IRON FLOOR DRAIN WITH ANCHOR FLANGE, REVERSIBLE MEMBRANE CLAMP WITH WEEP HOLES, 1/4" THICK, 6" ROUND ADJUSTABLE NICKEL BRONZE STRAINER WITH 4X9" OVAL FUNNEL AND NO HUB OUTLET. SIZE DRAIN BODY TO MATCH REQUIRED PIPE SIZING ON DRAWINGS. TRAP
TP-1	MIFAB	TRAP SEAL PRIMER	M-500		15			PRESSURE DROP ACTIVATED BRASS TRAP SEAL PRIMER, WITH INLET OPENING OF 1/2" (13) MALE N.P.T. AND OUTLET OPENING OF FEMALE 1/2" (13) N.P.T. COMPLETE WITH FOUR VIEW HOLES AND REMOVABLE FILTER SCREEN. SERVES UP TO 6 FLOOR DRAIN TRAPS AND REQUIRES NO ADJUSTMENTS A
SI-1	ZURN	SAND INTERCEPTOR	Z1187-SI				100	ACID RESISTANT COATED INTERIOR AND EXTERIOR FABRICATED STEEL SAND INTERCEPTOR WITH THREADED INLET AND OUTLET, COMPLETE WITH REMOVABLE HEAVY DUTY GRATE. INLET CAPPED OFF. SIZE 20.
WT-1	EQUINOX	DCW STORAGE TANK	LR177W					POLYETHYLENE LARGE VOLUME STORAGE TANK, SUITABLE FOR POTABLE WATER. CAPACITY: 1250 GALLONS (5675 LITERS). DIAMETER: 86" (2184MM), HEIGHT: 70" (1778MM), LID TYPE 16", FITTINGS: 3".
WT-2	EQUINOX	GREY WATER STORAGE TANK	LR177W					POLYETHYLENE LARGE VOLUME STORAGE TANK, SUITABLE FOR POTABLE WATER. CAPACITY: 1250 GALLONS (5675 LITERS). DIAMETER: 86" (2184MM), HEIGHT: 70" (1778MM), LID TYPE 16", FITTINGS: 3".
COMP-1	ENVIROLET	WATERLESS ROMOTE SYSTEM(120v ELECTRIC)						INCLUDED IN THE SYSTEM: ENVIROLET WATERLESS ROMOTE SYSTEM (120V ELECTRIC) COMPOSTING UNIT(64CMX84CMX64CM); WATERLESS TOILET, STARTER MIX KIT, DAILY MIX; COMPOST ACCELERATOR; 4" WIND TURBINE VENTILATOR; VENT/RAIN KIT (INCLUDE 2"X8" FLEXIBLE DRAIN D
COMP-2	ENVIROLET	WATERLESS ROMOTE SYSTEM(120v ELECTRIC)						INCLUDED IN THE SYSTEM: ENVIROLET WATERLESS ROMOTE SYSTEM (120V ELECTRIC) COMPOSTING UNIT(64CMX84CMX64CM); WATERLESS TOILET, STARTER MIX KIT, DAILY MIX; COMPOST ACCELERATOR; 4" WIND TURBINE VENTILATOR; VENT/RAIN KIT (INCLUDE 2"X8" FLEXIBLE DRAIN D
COMP-3	ENVIROLET	WATERLESS ROMOTE SYSTEM(120v ELECTRIC)						INCLUDED IN THE SYSTEM: ENVIROLET WATERLESS ROMOTE SYSTEM (120V ELECTRIC) COMPOSTING UNIT(64CMX84CMX64CM); WATERLESS TOILET, STARTER MIX KIT, DAILY MIX; COMPOST ACCELERATOR; 4" WIND TURBINE VENTILATOR; VENT/RAIN KIT (INCLUDE 2"X8" FLEXIBLE DRAIN D
COMP-4	ENVIROLET	WATERLESS ROMOTE SYSTEM(120v ELECTRIC)						INCLUDED IN THE SYSTEM: ENVIROLET WATERLESS ROMOTE SYSTEM (120V ELECTRIC) COMPOSTING UNIT(64CMX84CMX64CM); WATERLESS TOILET, STARTER MIX KIT, DAILY MIX; COMPOST ACCELERATOR; 4" WIND TURBINE VENTILATOR; VENT/RAIN KIT (INCLUDE 2"X8" FLEXIBLE DRAIN D
COMP-5	ENVIROLET	WATERLESS ROMOTE SYSTEM(120v ELECTRIC)						INCLUDED IN THE SYSTEM: ENVIROLET WATERLESS ROMOTE SYSTEM (120V ELECTRIC) COMPOSTING UNIT(64CMX84CMX64CM); WATERLESS TOILET, STARTER MIX KIT, DAILY MIX; COMPOST ACCELERATOR; 4" WIND TURBINE VENTILATOR; VENT/RAIN KIT (INCLUDE 2"X8" FLEXIBLE DRAIN D

AHU SCHEDULE	
TAG	AHU-1
SERVICE	OFFICE
MANUFACTURER	DAIKIN
MODEL	CAHO12GDAC
SUPPLY FAN	c/w VFD
L/S	2,881
CFM	6,103
OUTDOOR AIR (L/S)	861
OUTDOOR AIR (CFM)	1,825
EXTERNAL SP	
Pa	375
Inches WG	1.5
FAN TYPE	CENTRIFUGAL DWDI, FORWARD CURVED/2
SIZE	FAN MODEL:39M UNIT SIZE 12
RPM	1,800
CLASS	I
MOTOR	PREMIUM EFFICIENCY
KW	5.6
(HP)	7.5
RPM	1,750
HEATING	
MEDIUM	ELECTRIC
ENTERING AIR TEMP (°C)	3.9
LEAVING AIR TEMP (°C)	23.9
AIR TEMP. RISE (°C)	20.0
CAPACITY KW OUTPUT	70
(CAPACITY MBH OUTPUT)	239
CONTROL TYPE	VERNIER SCR
MAX FACE VELOCITY (M/S)	
COOLING	DX COOLING 5EJ0906B
MEDIUM	R410A
CONDITIONS °C	DB WB
ENTERING AIR TEMP (°C)	26.2 18.8
LEAVING AIR TEMP (°C)	13.1 12.1
AIR TEMP. DROP (°C)	13.1 6.7
CAPACITY KW SENSIBLE	45.9
CAPACITY KW TOTAL	65.4
(CAPACITY MBH SENSIBLE)	156.8
(CAPACITY MBH TOTAL)	223.2
MAX AIR PRESSURE DROP (Pa)	196.0
MAX FACE VELOCITY (M/S)	2.55
FILTER TYPE	PREFILTER: MERV8, PLEATED FILTER: MERV13 VARICEL SH
OUTDOOR CONDENSING UNIT	CU-1
MANUFACTURER	AAON
MODEL	CFA-020-C-0-4-DC00K
NOTES: MIXING BOX, ECONOMIZER, REMOTELY INSTALLED VFD	

NOTES:

0	ISSUED FOR CONSTRUCTION	JAW	MAR 20 2017
No.	REVISION/DESCRIPTION	BY	DATE

SEAL



DRAWN	JAW	CHECKED	XYW	DESIGNED	XYW	APPROVED	XYW
DATE	2016.08.25	USER APPROVAL					

THE CITY OF WINNIPEG
PLANNING, PROPERTY AND
DEVELOPMENT DEPARTMENT
MUNICIPAL ACCOMMODATIONS DIVISION
3-65 GARRY STREET, R3C 4K4

PROJECT
BRADY ROAD LANDFILL
ADMINISTRATION BUILDING
DEVELOPMENT FOR BRADY LANDFILL
1777 BRADY ROAD

SHEET TITLE
MECHANICAL SCHEDULES

SCALE	PROJECT No:	SHEET No:
AS SHOWN	2015-037	M7

DRAWING SHEET SIZE: A1 (841mm x 594mm) PLOT 1:1