GENERAL LEGEND

EBBH	ELECTRIC BASEBOARD HEATER
EEH	ELECTRIC ENTRANCE HEATER
EUH	ELECTRIC UNIT HEATER
U/C	UNDERCUT DOOR
1@ TYPE SIZE CFM	GRILLE/DIFFUSER LABEL
EQ ??	EQUIPMENT LABEL
##	CALLOUT NOTE

PLUMBING PIPING LEGEND

	ABOVE GROUND PIPING
	BELOW GROUND PIPING
	DOMESTIC COLD WATER
	DOMESTIC HOT WATER
	RECIRCULATED DOMESTIC HOT WATER
	RECIRCULATED HARD HOT WATER
	RECIRCULATED SOFT HOT WATER
	PLUMBING VENT

GENERAL PIPE AND FITTING LEGEND

UP/DN	PIPE SLOPE – UP (OR DOWN)
	DIRECTION OF FLOW
	PIPE BREAK FOR CONTINUATION
VTR	VENT THROUGH ROOF
	PIPE DOWN
	PIPE UP
	CAP
CO	CLEAN OUT
HB–?	HOSE BIBB
	WALL HYDRANT
	UNION
	VALVE – NORMALLY OPEN
NC	VALVE – NORMALLY CLOSED
	PLUG VALVE
	GLOBE VALVE
S	SUPERVISED VALVE
M	MOTORIZED 2–WAY VALVE
M	MOTORIZED 3–WAY VALVE
	PRESSURE REGULATING VALVE
	TEMPERATURE/PRESSURE RELIEF VALVE
	CHECK VALVE
	STRAINER
	FLEXIBLE CONNECTOR

ACCESSORIES LEGEND

??–?	PLUMBING FIXTURE (TYPE NOTED)
SH–?	SHOWER HEAD (TYPE NOTED)
???	SERVICE OUTLET (TYPE NOTED)
FD–?	FLOOR DRAIN (TYPE NOTED)
RD–?	ROOF DRAIN (TYPE NOTED)
CB–?	CATCH BASIN
MH–?	MANHOLE
	P–TRAP
	RUNNING TRAP
	PUMP
W/M	WATER METER
	PRESSURE GAUGE C/W SNUBBER VALVE
	THERMOMETER

VENTILATION LEGEND

	SQUARE OR RECTANGULAR DUCT DRAWN DOUBLE LINE
	ROUND OR OVAL DUCT DRAWN DOUBLE LINE
	DUCTWORK DRAWN SINGLE LINE
	ACOUSTICALLY LINED DUCT
	THERMALLY INSULATED DUCT
	SQUARE TO ROUND TRANSITION
	TRANSITION
	FLEX CONNECTION
	LONG RADIUS ELBOW
	LONG RADIUS ELBOW C/W TURNING VANES
	SQUARE ELBOW C/W TURNING VANES
	SUPPLY DUCT UP
	SUPPLY DUCT DOWN
	RETURN OR TRANSFER DUCT UP
	RETURN OR TRANSFER DUCT DOWN
	EXHAUST DUCT UP
	EXHAUST DUCT DOWN
	OUTSIDE AIR DUCT UP
	OUTSIDE AIR DUCT DOWN
S–?	CEILING SUPPLY AIR DIFFUSER (TYPE NOTED)
R–?	CEILING RETURN OR TRANSFER GRILLE (TYPE NOTED)
E–?	CEILING EXHAUST GRILLE (TYPE NOTED)
S–?	SIDEWALL SUPPLY AIR GRILLE (TYPE NOTED)
R–?	SIDEWALL EXHAUST, RETURN OR TRANSFER GRILLE (TYPE NOTED)
EWC	EXHAUST WALL CAP
FSF	GRILLE OR DIFFUSER C/W FIRE STOP FLAP
F	FIRE DAMPER
DF	DYNAMIC FIRE DAMPER
FS	FIRE/SMOKE DAMPER
	BALANCING DAMPER
	OPPOSED BLADE DAMPER
	PARALLEL BLADE DAMPER
BDD BDD	BACK DRAFT DAMPER
	FLEXIBLE DUCT CONNECTION
	END CAP

MECHANICAL DRAWING LIST

M001	MECHANICAL LEGEND, DRAWING LIST AND SCHEDULES
M002	PART MAIN FLOOR PLAN DEMOLITION
M003	PART MAIN FLOOR PLAN RENOVATION
M004	MECHANICAL SPECIFICATION
M005	MECHANICAL SPECIFICATION

CONTRACT ADMINISTRATOR:

Kathy Roberts
Project Officer, Municipal Accommodations
Planning, Property and Development Department
City of Winnipeg
Phone: 204.470.7380
Email: kathyroberts@winnipeg.ca

1. DO NOT SCALE DRAWINGS; WRITTEN DIMENSIONS SHALL GOVERN.

2. CONTACT THE CONTRACT ADMINISTRATOR TO VERIFY ANY UNCLEAR OR ILLEGIBLE DIMENSION, SPECIFICATION AND/OR NOTE BEFORE COMMENCEMENT OF ANY CONSTRUCTION WORK OR RELATED SERVICES.

3. THESE DRAWINGS AND SPECIFICATIONS ARE NOT INTENDED TO DEPICT EACH AND EVERY CONDITION OR DETAIL OF CONSTRUCTION. THE CONTRACTOR IS IN THE BEST POSITION TO VERIFY THAT ALL CONSTRUCTION IS COMPLETED IN A MANNER THAT IS IN CONFORMANCE WITH ALL APPLICABLE STATUTORY REQUIREMENTS AND THE CONTRACT DOCUMENTS.

4. DO NOT PERFORM WORK THAT IS NOT IN CONFORMANCE WITH THIS DOCUMENT WITHOUT THE CONTRACT ADMINISTRATOR'S WRITTEN APPROVAL.

5. DO NOT USE THIS DOCUMENT FOR CONSTRUCTION PURPOSES UNTIL APPROVED BY AN AUTHORIZED AGENT OF THE CONTRACT ADMINISTRATOR.

REVISION HISTORY

No:	Issue Name	Issue Date:	By:
0	Issued for Const	2020-12-22	AP
1	Re-IFC	2021-01-08	AP
2	Re-IFC	2021-01-12	AP

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Project: 201577

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PUDAVICK
Licence No. 44578
REGISTERED ENGINEERING LICENSEE

2021-01-12

PROJECT #: 201577
ISSUE DATE: 2020-12-22
ISSUE NAME: IFC
PROJECT SUPERVISOR: AP
DRAFTED BY: AP
CHECKED BY: AP

PLUMBING FIXTURE SPECIFICATION:

WC–1 BASIS OF DESIGN: AMERICAN STANDARD, MADERA FLOWISE ELONGATED BOWL, 3451001.020, VITREOUS CHINA WITH ANTIMICROBIAL SURFACE, WHITE FINISH, FLOOR MOUNTED, CENTOCO 500STSCC.001, OPEN FRONT, ELONGATED, PLASTIC, FLUSHOMETER TO BE DELTA 81T201BTA–MMO, EXPOSED, TOP SPUD, CHROME FINISH, 1.6 US GAL PER FLUSH, BATTERY POWERED, COMPLETE WITH SPARE BATTERY SET.

WC–2 BASIS OF DESIGN: AMERICAN STANDARD, MADERA FLOWISE ELONGATED BOWL RIGHT HEIGHT, 3461001.020, VITREOUS CHINA WITH ANTIMICROBIAL SURFACE, WHITE FINISH, FLOOR MOUNTED, CENTOCO OPEN FRONT WITH LID, ELONGATED, PLASTIC, FLUSHOMETER TO BE DELTA 81T201BTA–MMO, EXPOSED, TOP SPUD, CHROME FINISH, 1.6 US GAL PER FLUSH, BATTERY POWERED, COMPLETE WITH SPARE BATTERY SET. EXTEND FLUSH VALVE AS REQUIRED FOR ADA COMPLIANT INSTALL. PROVIDE WITH BACKREST, FRANKE CM–16104, STAINLESS STEEL BAR, SATIN FINISH

LAV–1 BASIS OF DESIGN: AMERICAN STANDARD CADET UNIVERSAL ACCESS 9494.001.020, VITREOUS CHINA, WHITE FINISH, SIDE REAR OVERFLOW, FAUCET LEDGE, 1–1/4" OFFSET WASTE ASSEMBLY, FAUCET TO BE DELTA MODEL 59LTL250, DECK MOUNTED, NO TOUCH AC POWERED, 0.5 GPM. PROVIDE WITH TRANSFORMER AND COORDINATE WITH ELECTRICAL. PROVIDE POINT OF USE MIXING VALVE, TO BE LAWLER TMM–1070, ¼ TURN LOOSE KEY SUPPLIES, WALL ESCUTCHEONS. INSULATE PIPING AND OFFSET WASTE TO COMPLY WITH AN ADA INSTALLATION.

FD–1 BASIS OF DESIGN: WATTS MODEL FD–100–C–A5–1 COMPLETE WITH TRAP PRIMER, NICKEL BRONZE STRAINER, ADJUSTABLE, REVERSIBLE FLASHING CLAMP WITH PRIMARY AND SECONDARY WEEPHOLES.

HVAC EQUIPMENT SCHEDULE

ALL NEW EQUIPMENT TO BE SUPPLIED BY THE CONTRACTOR AND INSTALLED BY THE CONTRACTOR UNLESS OTHERWISE SPECIFIED.

UNIT NO.	UNIT NAME	LOCATION	CFM (O/A CFM)	MIN SP	FAN HP	HEATING	NOMINAL COOLING CAPACITY (BTU/H)	REMARKS
EXHAUST FANS								
EF–1	GREENHECK CSP–A710	WOMENS WASHROOM	600	0.25	FRAC	–	–	FAN TO BE ENERGIZED BY LIGHTENING CONTROL FOR WOMEN'S WASHROOM.
EF–2	GREENHECK SP–110–VG	STAFF WASHROOM	50	0.25	FRAC	–	–	FAN TO BE ENERGIZED BY LIGHTENING CONTROL FOR STAFF WASHROOM.

NOTES:
1. WEATHERPROOF DISCONNECT SWITCHES FOR EACH OUTDOORS H.V.A.C. EQUIPMENT TO BE SUPPLIED AND INSTALLED BY DIVISION 16 UNLESS NOTED OTHERWISE.
2. CONTROL WIRING TO BE BY MECHANICAL CONTRACTOR FOR T–STAT.
3. MOTORS TO COMPLY WITH ASHRAE 90.1 STANDARDS.
4. COORDINATE POWER SUPPLY WITH ELECTRICAL DRAWINGS & ELECTRICAL CONTRACTOR.

PLUMBING EQUIPMENT SCHEDULE

ALL NEW EQUIPMENT TO BE SUPPLIED BY THE CONTRACTOR AND INSTALLED BY THE CONTRACTOR UNLESS OTHERWISE SPECIFIED.

UNIT NO.	UNIT NAME	LOCATION	GPM	HEAD (FT)	ELEC.	MOTOR HP	REMARKS
PUMPS							
RCP–1	ARMSTRONG ASTRO 225BS	BASEMENT MECHANICAL ROOM	4	5'	––	FRAC	COMPLETE WITH TIMER FOR CONTROL. BRONZE FITTED, SUITABLE FOR POTABLE USE. ½" CONNECTIONS.

NOTES: MECHANICAL CONTRACTOR TO PROVIDE ALL EQUIPMENT CONTROL WIRING (LOW VOLTAGE AND 120V). COORDINATE VOLT AND PHASE OF POWER SUPPLY WITH ELECTRICAL.

GRILLES, REGISTERS AND DIFFUSERS SCHEDULE

TAG	MAKE/MODEL	CORE	BORDER	BLADE	FASTEN	REMARKS
GRILLES, REGISTERS AND DIFFUSERS						
S1	EH PRICE 520D	–	F	S	A	COORDINATE COLOR WITH ARCHITECTURAL AND CONTRACT ADMINISTRATOR PRIOR TO ORDERING. BLADES TO ANGLE AT 45°, REFER TO RENOVATION DRAWING.
E1	EH PRICE PDDR	–	TB/ DRYWALL	–	–	COORDINATE COLOR WITH ARCHITECTURAL AND CONTRACT ADMINISTRATOR PRIOR TO ORDERING, C/W ROUND DUCT CONNECTION.

PROJECT ADDRESS: 2021 Main St
Winnipeg, MB, R2V 2B9

PROJECT TYPE: COMMERCIAL INTERIOR ALTERATION

TENDER #: 911-2021

PROJECT NAME:
KILDONAN PARK
GOLF COURSE CLUBHOUSE
WOMEN'S WASHROOM
RENOVATIONS
2021 MAIN ST.

MECHANICAL LEGEND, DRAWING LIST, SCHEDULES

M001