GENERAL LEGEND						
EBBH	ELECTRIC BASEBOARD HEATER					
EEH	ELECTRIC ENTRANCE HEATER					
Ū_∿⊷ 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

 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)
<b>—</b>	DIRECTION OF FLOW
<b></b>	PIPE BREAK FOR CONTINUATION
VTR	VENT THROUGH ROOF
	PIPE DOWN
®	PIPE UP
	САР
<b>— —</b> CO	CLEAN OUT
<u> </u>	HOSE BIBB
	WALL HYDRANT
	UNION
	VALVE – NORMALLY OPEN
	VALVE – NORMALLY CLOSED
₹	PLUG VALVE
	GLOBE VALVE
<u> </u>	SUPERVISED VALVE
	MOTORIZED 2-WAY VALVE
	MOTORIZED 3-WAY VALVE
	PRESSURE REGULATING VALVE
₽	TEMPERATURE/PRESSURE RELIEF VALVE
	CHECK VALVE
— <u> </u>	STRAINER
&	FLEXIBLE CONNECTOR

## PLUMBING FIXTURE SPECIFICATION:

<u>WC-1</u>	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.
<u>WC-2</u>	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
<u>LAV-1</u> REV. 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, $\frac{1}{4}$ TURN LOOSE KEY SUPPLIES, WALL ESCUTCHEONS. INSULATE PIPING AND OFFSET WASTE TO COMPLY WITH AN ADA INSTALLATION
LAV-2	BASIS OF DESIGN: AMERICAN STANDARD MODEL DECORUM, WALL HUNG LAVATORY 9024.004EC, WHITE FINISH. PROVIDE NEW CARRIER/WALL BRACKETS TO SUIT NEW FIXTURE., 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, 1 TURN LOOSE KEY SUPPLIES, WALL ESCUTCHEONS. INSULATE PIPING AND OFFSET WASTE TO COMPLY WITH AN ADA INSTALLATION.
<u>FD-1</u>	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.

UNIT NO.	U
EXHAUST F	ANS
<u>EF-1</u>	GI C
<u>EF-2</u>	GI SF
NOTES: 1. WEATHEI 2. CONTRC 3. MOTORS 4. COORDII	DL W

	PLUMBING EQUIPMENT SCHEDULE							
	ALL NEW EQUIPMENT TO BE SUPPLIED BY THE CONTRACTOR AND INSTALLED BY THE CONTRACTOR UNLESS OTHERWISE SPECIFIED.							
UNIT NO.	UNIT NO. UNIT NAME LOCATION GPM HEAD (FT) ELEC. MOTOR HP REMARKS							
PUMPS	PUMPS							
<u>RCP-1</u>	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								
<u>S1</u>	EH PRICE 520D	_	F	S	А	COORDINATE COLOR WITH ARCHITECTURAL AND CONTRACT ADMINISTRATOR PRIOR TO ORDERING. BLADES TO ANGLE AT 45°, REFER TO RENOVATION DRAWING.			
<u>E1</u>	EH PRICE PDDR	_	TB/ DRYWALL	-	_	COORDINATE COLOR WITH ARCHITECTURAL AND CONTRACT ADMINISTRATOR PRIOR TO ORDERING, C/W ROUND DUCT CONNECTION.			

ACCESSORIES LEGEND						
[]O <u>??-?</u>	PLUMBING FIXTURE (TYPE NOTED)					
⊲ <u>SH-?</u>	SHOWER HEAD (TYPE NOTED)					
O-□ <u>???</u>	SERVICE OUTLET (TYPE NOTED)					
🔯 <u>FD-?</u>	FLOOR DRAIN (TYPE NOTED)					
● <u>RD-?</u>	ROOF DRAIN (TYPE NOTED)					
	CATCH BASIN					
⊕ <u>мн−?</u>	MANHOLE					
	P-TRAP					
	RUNNING TRAP					
$\square$	PUMP					
W/M)	WATER METER					
<b>⊨</b>	PRESSURE GAUGE C/W SNUBBER VALVE					
	THERMOMETER					

VEN	TILATION 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
E C	LONG RADIUS ELBOW
	LONG RADIUS ELBOW C/W TURNING VANE
Eh	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
$\square$	OUTSIDE AIR DUCT DOWN
	CEILING SUPPLY AIR DIFFUSER (TYPE NOTED)
<u> </u>	CEILING RETURN OR TRANSFER GRILLE (TYPE NOTED)
<u></u> ₽ <u>E-?</u>	CEILING EXHAUST GRILLE (TYPE NOTED)
	SIDEWALL SUPPLY AIR GRILLE (TYPE NOTED)
<u>S-?</u>	SIDEWALL EXHAUST, RETURN OR
<u>R-?</u>	TRANSFER GRILLE (TYPE NOTED)
<u></u> <u></u> <u></u> <u>-</u> _ <u>EWC</u>	EXHAUST WALL CAP
FSF	GRILLE OR DIFFUSER C/W FIRE STOP FLAP
	FIRE DAMPER
	DYNAMIC FIRE DAMPER
	FIRE/SMOKE DAMPER
	BALANCING DAMPER
	OPPOSED BLADE DAMPER
	PARALLEL BLADE DAMPER
BDD	BACK DRAFT DAMPER
	FLEXIBLE DUCT CONNECTION
	END CAP

HVAC EQUIPMENT SCHEDULE							
ALL NEW EQUIPMENT TO BE SUPPLIED BY THE CONTRACTOR AND INSTALLED BY THE CONTRACTOR UNLESS OTHERWISE SPECIFIED.							
NIT NAME	LOCATION	CFM (O/A CFM)	MIN SP	FAN HP	HEATING	NOMINAL COOLING CAPACITY (BTU/H)	REMARKS
REENHECK SP-A710	WOMENS WASHROOM	600	0.25	FRAC	_	_	FAN TO BE ENERGIZED BY LIGHTENING CONTROL FOR WOMEN'S WASH
REENHECK P-110-VG	STAFF WASHROOM	50	0.25	FRAC	-	_	FAN TO BE ENERGIZED BY LIGHTENING CONTROL FOR STAFF WASHR
DOF DISCONNECT SWITCHES FOR EACH OUTDOORS H.V.A.C. EQUIPMENT TO BE SUPPLIED AND INSTALLED BY DIVISION 16 UNLESS NOTED OTHERWISE.							

ROOF DISCONNECT SWITCHES FOR EACH OUTDOORS H.V.A.C. EQUIPMENT TO BE SUPPLIED AND INSTALLED BY DIVISION 16 UNLESS NOTED OTHERWISE. WIRING TO BE BY MECHANICAL CONTRACTOR FOR T-STAT. COMPLY WITH ASHRAE 90.1 STANDARDS.

E POWER SUPPLY WITH ELECTRICAL DRAWINGS & ELECTRICAL CONTRACTOR.

## 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 \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_\_ \_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ **— ----**\_\_\_\_ \_ \_ ----**|**\_\_\_\_ CONSULTANTS:

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Project: 201577 ER towereng.ca

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> PROJECT #: 201577 ISSUE DATE: 2021-01-21 ISSUE NAME: IFC PROJECT SUPERVISOR: AP DRAFTED BY: AP CHECKED BY: AP

PROJECT NAME: KILDONAN PARK GOLF COURSE CLUBHOUSE RENOVATIONS

WOMEN'S WASHROOM

DRAWING LIST, SCHEDULES

MECHANICAL LEGEND,

M001

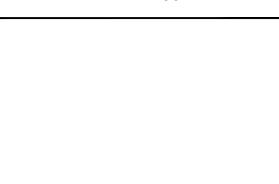
2021 MAIN ST.

911-2021

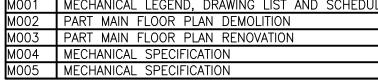
TENDER #:

PROJECT TYPE: COMMERCIAL INTERIOR ALTERATION

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



## 01 MECHANICAL LEGEND, DRAWING LIST AND SCHEDULES



MECHANICAL DRAWING LIST

VANES NES /N RILLE 

HROOM. 

SHROOM. 

M002 PART MAIN FLOOR PLAN DEMOLITION M003 PART MAIN FLOOR PLAN RENOVATION

M004 MECHANICAL SPECIFICATION