PLUMBING EQUIPMENT SCHEDULE

WC.1 WC.2	WATER CLOSET WITH ELONGATED BOWL, VITREOUS CHINA, MODEL Z5665 FROM ZURN, WALL-MOUNTED ELECTRONIC FLUSH VALVE, 6L PER FLUSH, MODEL ZEMS6000AV-1-IS-WS1, PLASTIC SEAT, FRONT OPENED WITH WHITE HINGES, MODEL Z5956SS-AM-STS, CONVERTER 120V/6VDC, 2 AMP, MODEL P6000-HW6 AND ELECTRIC CONNECTION BOX P6000-MJ.
WC.3	WATER CLOSET FOR CHILDREN, 2 PIECES, ELONGATED 10" HIGH BOWL, TANK COVER LOCKING DEVICE, 1.6 GPF, INTERNAL FLUSH WALVE, VANDAL-PROOF LOCKING LID, OPEN FRONT JUVENILE TOILET SEAT COVER WITH STAINLESS STEEL CHECK HINGE.
L.1	COUNTERTOP MOUNTED LAVATORY, VITREOUS PORCELAIN, ADA COMPLIANT, MODEL Z134 FROM ZURN C/W ELECTRONIC FAUCET, WIRED TYPE, 1.5 USGPM, MODEL Z6915XL-CWB-J, CONVERTER 120V/6VDC, 2 AMP, MODEL P6000-HW6 AND ELECTRIC CONNECTION BOX P6000-MJ, THERMOSTATIC MIXING VALVE ZW1070XL, P-TRAP Z8700-8-PC-BD, DAISY GRID LAVATORY DRAIN, CHROME, 37D, CONCEALED ARM SYSTEM, Z1231 AND THERMAL AND CHOC PROTECTOR KIT Z8946-3-NT.
L.2	WALL MOUNTED LAVATORY, VITREOUS PORCELAIN, ADA COMPLIANT, MODEL Z5324 FROM ZURN C/W ELECTRONIC FAUCET, WIRED TYPE, 1.5 USGPM, MODEL Z6915XL-CWB-J, CONVERTER 120V/6VDC, 2 AMP, MODEL P6000-HW6 AND ELECTRIC CONNECTION BOX P6000-MJ, THERMOSTATIC MIXING VALVE ZW1070XL, P-TRAP Z8700-8-PC-BD, DAISY GRID LAVATORY DRAIN, CHROME, 37D, CONCEALED ARM SYSTEM, Z1231 AND THERMAL AND CHOC PROTECTOR KIT Z8946-3-NT.
L.3	DECK LAVATORY SYSTEM MODEL EXD-2N/WH-4" SET-WH-6324-TMA FROM BRADLEY C/W TWO (2) ELECTRONIC FAUCETS MODEL 591T0258TR FROM DELTA (4" CENTER HOLES), HARD WIRED WITH BATTERY BACKUP, 110V TO24v CLASSE II, 20VA TRANSFORMER, OFFSET CHROME PLATED GRID STRAINER MODEL 155WC FROM McGUIRE, SUPPLY VALVES MODEL H2165LKSS16 FROM McGUIRE AND "P" TRAP MODEL 8872C FROM McGUIRE AND MIXING VALVE FROM BRADLEY (GROUPES OF LAVATORY CAN BE CONNECTED TO THE SAME MIXING VALVE), BRAIDED STAINLESS LAVATORY RISERS. CONNECTION: DRAINAGE 1-1/4"Ø, DCW & DHW 1/2"Ø.
L.4	STAINLESS STEEL SINK, DROP IN MODEL V1821 FROM FRANKE, C/W FAUCET LEDGE, GAUGE 18, UNDERCOATED, CENTER BACK WASTE, 1 FAUCET HOLE 1-1/8" DIAMETER, 4" CENTERSET. AUTOMATIC FAUCET ADA COMPLIANT, MODEL.
UR.1	WALL HUNG URINAL WITH ELECTRONIC FLUSH VALVE MODEL CASCADE 410 FROM MANSFIELD, 0.5 LPF, ELECTRONIC FLUSH VALVE WITH BY-PASS BUTTON MODEL 81T231BTA-MMO FROM DELTA, URINAL CARRIER C/W WALL HANGER BRACKETS, CONNECTION: DRAINAGE 2"Ø, DCW 1/2"Ø.
GR.1	GREASE INTERCEPTOR, CAPACITY 15Lbs, FLOW RATE 15GPM MODEL WD-15-B-HD FROM WATTS.
WHY.1	NON FREEZE WALL HYDRANT C/W VACUUM BREAKER AND BACKFLOW, MODEL Z1320 FROM ZURN.
KS.1	DROP IN SINK, SINGLE COMPARTMENT IN STAINLESS STEEL, 3 FAUCET HOLES, 8" CENTERSET, 6" DEPTH MODEL ALB6806P-1/3 FROM FRANKE C/W KITCHEN SINK FAUCET, 2.2 GPM, MODEL Z871G4-XL-HS-AF FROM ZURN, STAINLESS STEEL BASKET STRAINER.
KS.2	DROP IN SINK, DOUBLE COMPARTMENTS IN STAINLESS STEEL, 3 FAUCET HOLES, 8" CENTERSET, 6" DEPTH, MODEL ALB6406P-1/3 FROM FRANKE C/W KITCHEN SINK FAUCET, 2.2 GPM, MODEL Z871G4-XL-HS-AF FROM ZURN, STAINLESS STEEL BASKET STRAINER.
MS.1	MOP SINK FOR JANITOR, FLOOR MOUNTED, MODEL EB-54(24"X24") FROM STERN WILLIAMS C/W WALL MOUNTED FAUCET MODEL 28T9-AC FROM DELTA, ALL ACCESSORIES FROM STERN WILLIAMS WHICH INCLUDES : MOP HANGER MODEL T-40, BUMPER GUARD MODEL A-20, MOP SINK DRAIN GASKET MODEL TC-3, STAINLESS STEEL BACK SPLASH PANEL MODEL BP CONNECTION: DRAINAGE 3"Ø, DCW & DHW 1/2"Ø.
SS.1	SERVICE SINK MODEL FL-1 FROM FIAT C/W ANGLE LOGS, DRAIN KIT AND FAUCET MODEL A-1. CONNECTION: DRAINAGE 2"Ø, DCW & DHW 1/2"Ø.
TP.1	TRAP PRIMER MODEL P2-500 FROM PRECISION PLUMBING PRODUCT. CONNECTION: DCW 1/2"Ø.
DF.1	DOUBLE NON REFRIGERATED DRINKING FOUNTAIN WITH HAND FREE BOTTLE FILLER MODEL MMRSLEBF (LEFT HIGH, RIGHT LOW) FROM OASIS, RATED CAPACITY 8.0GPH, UNIT C/W BUILT-IN 100 MICRON STRAINER, LEAD FREE MATERIALS, STAINLESS STEEL TOP, CHROME PLATED BRASS ONE PIECE, TAMPER RESISTANT BUBBLER, ADA BOTTLE FILLER ACTIVATION LEVER, HEAVY DUTY GALVANIZED STEEL FRAME, REFRIGERANT R-134a, PUSH PAD ACTIVATION, ADJUSTABLE EXTERNAL STEAM HEIGHT. FINISH IS BRUSHED STAINLESS STEEL FINISH, ELECTRICAL CONNECTION TO 120V/1/60 GFI OUTLET, 20A CIRCUIT. CONNECTION: DRAINAGE 1-1/4"Ø, DCW 1/2"Ø.
FD.1	FLOOR DRAIN WITH REVERSIBLE MEMBRANE CLAMP MODEL FD-100-C FROM WATTS DRAINAGE, C/W TRAP PRIMER OR TRAP GUARD. CONNECTION & SIZE: SEE DRAWING.
FD.2	FLOOR DRAIN MODEL FD-200 FROM WATTS DRAINAGE, C/W TRAP PRIMER OR TRAP GUARD. CONNECTION & SIZE: SEE DRAWING.
FFD.1	FUNNEL FLOOR DRAIN WITH REVERSIBLE MEMBRANE CLAMP MODEL FD-100-C-EG-1 FROM WATTS DRAINAGE, C/W TRAP PRIMER OR TRAP GUARD. CONNECTION & SIZE: SEE DRAWING.
FFD.2	FUNNEL FLOOR DRAIN WITH REVERSIBLE MEMBRANE CLAMP MODEL FD-200-C-EG-1 FROM WATTS DRAINAGE, C/W TRAP PRIMER OR TRAP GUARD. CONNECTION & SIZE: SEE DRAWING.
RD.X	ROOF DRAIN MODEL RD-100-BED FROM WATTS DRAINAGE.
CO	CLEAN OUT WITH ROUND TOP MODEL CO-200-R FROM WATTS DRAINAGE. CONNECTION & SIZE: SEE DRAWINGS.
HB.1	INTERIOR HOSE CONNECTION MODEL MHY-90 FROM MIFAB C/W ANTI-SIPHON VACUUM BREAKER, DCW CONNECTION 3/4Ø.
RP.1	DOMESTIC HOT WATER RECIRCULATION PUMP MODEL ASTRO 210CI-SWT-TA FROM ARMSTRONG (SET TO SPEED 1), CAPACITY OF 1GPM AT 2.5' OF HEAD, ELECTRICAL CONNECTION 120V/1/60, FLA 1.72A, 75 WATTS C/W 5 FOOT OF POWER CORD, 24HR TIMER WITH 15 MINUTES INTERVAL SETTING AND AQUASTAT. ALL ELECTRICAL CONNECTION BY DIVISION 26.
SP.1	ELEVATOR SUMP PIT PUMP MODEL 0SP50 FROM HYDROMATIC, CAPACITY 40GPM WITH 15' OF HEAD, ELECTRICAL CONNECTION 120V/1/60, 1/2 HP, C/W AUTOMATIC ALARM PANEL WITH RESET, MODEL Q-ALERT XT FROM HYDROMATIC, ELECTRICAL CONNECTION 120V/1/60, 7W, WIDE ANGLE FLOAT SWITCH WITH 20' CABLE. SEE DETAIL ON DRAWING. PIT IS ALREADY INSTALLED AND PIPING IN THE SLAB, ALL OTHER ACCESSORIES AND PUMPS TO BE SUPPLIED AND INSTALLED.
SP.2	BASEMENT SUMP PIT C/W PUMP MODEL 41 GAL PITPRO FROM BARNES PROFESSIONAL PLUMBING, CAPACITY 41GPM WITH 15' OF HEAD MIN., ELECTRICAL CONNECTION 120V/1/60, 1/2 HP, C/W AUTOMATIC ALARM PANEL WITH RESET, ELECTRICAL CONNECTION 120V/1/60, 7W, WIDE ANGLE FLOAT SWITCH WITH 20' CABLE. PIT IS ALREADY INSTALLED AND PIPING IN THE SLAB, ALL OTHER ACCESSORIES AND PUMPS TO BE SUPPLIED AND INSTALLED.
WM.1	DOMESTIC WATER METER WITH PULSE OUTPUT TO B.A.S SYSTEM MODEL FTB8000B-PR. CAPACITY OF SYSTEM IS ± 6.5GPM ON THE 2-1/2 DOMESTIC COLD WATER MAIN. UNIT COMPLETE WITH SOLID STATE SENSOR. 12V / 6mA FOR SENSOR AND 24V / 20mA FOR UNIT. ACCURACY 1.5% OF READING. FLOW RANGE MIN. 2.0 GPM TO 132 GPM MAX.
NGM.1	NATURAL GAS METER FOR ENERGY MEASUREMENTS MODEL 301-400-S150FLG400-AC115-NG FROM SAGE METERING INC. OR EQUIVALENT, PIPE SIZE 4", IN-LINE INSTALLATION, MOUNTING FLANGE, POWER 115V. RANGE FROM 0 TO 5psig : 0 - 340 scfm. PROVIDE OUTPUT CONNECTION FOR B.A.S. INTERCONNECTION.
SH.1	SHOWER UNIT MODEL Z7121-SS-LH-DV2P-HW, SINGLE HANDLE PRESSURE BALANCING MIXING SHOWER UNIT WITH VOLUME CONTROL, SINGLE BRONZE STEM, STAINLESS STEEL BALANCING PISTON INTEGRAL WITH STEM ASSEMBLY, METAL LEVER HANDLE, INTEGRAL SERVICE STOPS AND BRASS ADJUSTMENT LIMIT STOP SCREW IN CAP. C/W DOUBLE SEAL PACKING, ADJUSTABLE BRASS PACKING NUT, AND REMOVABLE BRASS SEATS; ALL EXPOSED TRIM WITH POLISHED NICKEL CHROME PLATED SURFACE. VALVE SUPPLIED WITH TWO-WAY BRASS DIVERTER VALVE, HAND-WALL SHOWER HEAD, 60"[1524MM] FLEXIBLE METAL HOSE, 24"[610MM] MOUNTING SLIDE BAR WALL CONNECTION, STANDARD SHOWER HEAD, ARM & WALL FLANGES. THE VALVE INLETS, AND SHOWER OUTLET, ARE 1/2" FEMALE COPPER SWEAT CONNECTIONS.
DWP.1 DWP.2	ARMSTRONG DESIGN ENVELOPE SERIES 6800 PACKAGED BOOSTER SYSTEM MODEL N230202, INITIAL DESIGN POINT OF 130.0 USGPM AT 26.0 PSI HEAD, 2 HP, ODP, 575/3/60 VOLT, NEMA PREMIUM® EFFICIENCY MOTOR AND AN ARMSTRONG UL TYPE-12 ENCLOSURE VARIABLE SPEED DRIVE, WHICH SHALL BE INTEGRATED WITH THE MOTOR, AND 52 US GALLON DRAWDOWN TANK DATA MOUNTED REMOTELY, SHELL MADE OF CARBON STEEL AND BUTYL RUBBER BLADDER.
RHWP.1	DOMESTIC HOT WATER RECIRCULATING PUMP MODEL ASTRO 210 FROM ARMSTRONG, CAPACITY OF 1.6 USGPM AT 8' OF HEAD LOSS, ELECTRICAL CONNECTION 120/1/60, 100W, 3 SPEEDS, AND CAST IRON BODY C/W 5' OF POWER CORD, TIMER SETTING AND AQUASTAT
HWT-1 HWT-2	NATURAL GAS FIRED HOT WATER TANK, 100 GALLONS STORAGE TANK, WARRANTY OF 3 YEARS, 2" THICK FIBERGLASS INSULATION UNDER A PAINTED STEEL JACKET, FLEXIBLE TEMPERATURE SETTING POINTS, 150 000 BTH-H, MODEL BTH-150 FROM A.O. SMITH. MUST BE SUPPLIED AND INSTALLED WITH ALL ACCESSORIES AS SHOWN ON DETAILS.

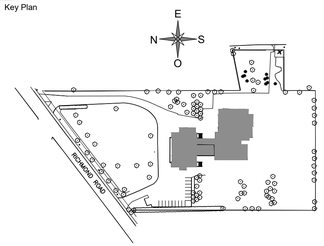
NOTES:

1. TRAP GUARD TO BE INSTALLED IN ALL FLOOR DRAINS WHERE POSSIBLE MODEL TG34H FROM ProSet SYSTEMS IF UNABLE, USE STANDARD TRAP PRIMER MODEL P2-500 FROM PRECISION PLUMBING PRODUCT (PPP)
2. OPEN DRAIN TRAP GUARD MODEL TG22 FROM ProSet SYSTEMS ON ALL OPEN DRAINS.
3. ALL TRAP GUARD TO BE GLUED IN PLACE OR AS PER CITY REQUIREMENTS.

GENERAL NOTE(S):

1- SCHEDULE INDICATES THE SPECIFIC EQUIPMENT USED AS THE STANDARD OF ACCEPTANCE. PROPOSED EQUIVALENTS TO THOSE SPECIFIED MAY BE ACCEPTED BY CONSULTANT.

Key Plan



REVIEW

Nº	Date	Description
0	2018-07-06	FOR TENDER

PAGEAU MOREL
www.pageaumorel.com
Gatineau

Architect

J.L.Richards
ENGINEERS • ARCHITECTS • PLANNERS
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Structure

Seal

Project

MAISON DE
DE LA FRANCOPHONIE D`OTTAWA

2720 RICHMOND ROAD, OTTAWA

Title

MECHANICAL
PLUMBING

Drawn by :	B. TREMBLAY	Project n°:	7342-001-000
Design by :	B. TREMBLAY	Date :	2018-07-06
Verified by :	F. DIONNE	Scale :	1/8" = 1'-0"

Drawing n° M-210

Revision 0

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