



NOTES:

- CONTRACTOR TO VERIFY ALL SITE CONDITIONS, LOCATIONS AND DIMENSIONS PRIOR TO COMMENCING WORK. TRACE OUT ALL SYSTEMS BEFORE INITIATING WORK. COORDINATE SYSTEM SHUT DOWNS & SERVICE INTERRUPTIONS WITH OWNER.
- PROVIDE ALL MATERIALS & LABOUR REQUIRED TO INSTALL ALL REQUIRED COMPONENTS IN ACCORDANCE WITH APPLICABLE CODES, REGULATIONS & DRAWINGS THAT FORM PART OF THIS CONTRACT.
- DO NOT SCALE FROM DRAWINGS.
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.

PLUMBING FIXTURE AND TRIM SCHEDULE

FIXTURE TAG	DESCRIPTION	MANUFACTURER*	MODEL NO.*	COLOR	FIXTURE TRIM*				ROUGH-IN*					REMARKS		
					FAUCET	FLUSHOMETER	WASTE	TRAP	SUPPLIES	WASTE	VENT	HOT WATER	COLD WATER		TEMPERED WATER	CARRIER
LV-1	WALL MTD. LAVATORY (ACCESSIBLE)	AMERICAN STANDARD	LUCERNE 0355	WHITE	DELTA 21C494	--	DELTA 33T290	DELTA 33T311	DELTA 47P2512SD	32mm	32mm	12mm	12mm	--	ZURN Z1224	WALL MOUNTED VITREOUS CHINA LAVATORY, 100mm CENTERS, VANDAL RESISTANT LOW FLOW 1.3 LPM NON-AERATING SPRAY OUTLET, WATTS MODEL LFUSG-B UNDER SINK THERMOSTATIC MIXING VALVE
SS-1	COUNTER MTD. S.S. SINGLE BOWL SINK	NOVANNI	1017FM-38	S.S.	DELTA 26T3953	--	ASSEMBLY WITH SINK	DELTA 33T360	DELTA 47P2512SD	40mm	40mm	12mm	12mm	--	--	COUNTER MOUNTED S.S. SINGLE BOWL SINK C/W BASKET STRAINER ASSEMBLY AND TAILPIECE & LOW FLOW 5.7 LPM FAUCET (VANDAL RESISTANT)
JS-1	FLOOR MTD. MOP SINK	FIAT	TSB3003	--	DELTA 28T19	--	--	DELTA 47P2512SD	75mm	40mm	12mm	12mm	--	--	--	MOP HANGER, S.S. TILTING FLANGE, MOP SERVICE BASIN FITTING C/W QDC CONNECTOR, 8322A HOSE & BRACKET, WALL GUARDS, FAUCET C/W INTEGRAL BACK SIPHONAGE PROTECTION COMPLIANT WITH CSA B64.1.1 AND ASSE 1001.
SH-1	HANDICAP ACCESSIBLE SHOWER STALL	MAAX	3648	WHITE	DELTA T13H362	--	--	--	--	50mm	40mm	12mm	12mm	--	--	C/W DELTA R10700-UNWS ROUGH VALVE BODY, ZURN DRAIN MODEL ZN-415B, ROOF CAP, CURTAIN, CURTAIN ROD, SOAP DISH, GRAB BARS & FOLD UP SEAT, LEFT HAND INSTALLATION, VANDAL PROOF, FLOW MAXIMUM 5.7 LPM
TP-1	ELECTRONIC TRAP SEAL PRIMER PANEL	PRECISION PLUMBING	PT-1320	--	--	--	--	--	--	--	--	12mm	--	--	--	C/W SURFACE MOUNT CABINET & ACCESS DOOR, MANIFOLD, VACUUM BREAKER, 120/1/60 POWER
WC-1	WALL MTD. WATER CLOSET	MANSFIELD	144-153	WHITE	--	--	--	DELTA 47P1316SD	75mm	40mm	--	12mm	--	WATTS ISCA-141	WALL MOUNTED PRESSURE ASSIST, HIGH EFFICIENCY WATER CLOSET C/W CENTOCO SEAT MODEL 620 (W/COVER), PUSH BUTTON FLUSH ACTIVATION (3.8 LPP)	
WH-1	EXTERIOR FREEZE PROOF WALL HYDRANT	ZURN	Z1320-C	--	--	--	--	--	--	--	--	20mm	--	--	EXTERIOR WALL HYDRANT, AUTO DRAIN, ANTI-SIPHON, NON-FREEZE, ENCASED, WITH OPERATING KEY, MOUNT 1200mm ABOVE FINISHED GRADE.	
BF-1	WATER ENTRY BACKFLOW PREVENTER	WATTS	LF909QT-S (32mm M1)	--	--	--	--	--	--	--	--	--	--	--	BACKFLOW PREVENTER C/W QUARTER TURN BALL VALVES, BRONZE STRAINER & AIR GAPS	
INT-1	OIL INTERCEPTOR	ZURN	Z1186-ST-400	--	--	--	--	--	75mm	50mm	--	--	--	--	OIL INTERCEPTOR C/W INTEGRAL STORAGE TANK, EXTENSION PIECE, ACID RESISTANT EPOXY FINISH	
HT-1	DOMESTIC HOT WATER STORAGE TANK	AO SMITH	HPTU-80	--	--	--	--	--	--	--	32mm	32mm	--	--	SIDE CONNECTIONS, 303 L CAPACITY, 208 VOLT	
ES-1	EMERGENCY SHOWER & EYEWASH	HAWS	8356WCC	--	--	--	--	--	--	--	--	--	25mm	--	C/W TEST TAG, SIGN (HAWS MODEL SP170), ALARM LIGHT AND HORN (HAWS MODEL 9001)	
TW-1	TEMPERED WATER VALVE	HAWS	9201E	--	--	--	--	--	--	--	32mm	32mm	--	--	C/W RECESSED CABINET: HAWS MODEL PK01E	

*NOTE: APPROVED EQUALS FOR THE MANUFACTURERS AND MODEL NUMBERS INDICATED IN SCHEDULE MUST PROVIDE THE PERFORMANCE REQUIRED FOR PLUMBING SYSTEMS AS LISTED.

FAN SCHEDULE

TAG NO.	SYSTEM SERVICED	MODEL NO.	MANUFACTURER*	AIR FLOW (L/s)	STATIC (Pa.)	MOTOR KW.	RPM	ELECTRICAL			NON-FUSED DISCONNECT	FIRESTAT	MOTORIZED DAMPER	MOUNTING	REMARKS
								VOLTAGE	PH.	HZ.					
F1	EXTRACTION ARM EXHAUST	SQ-90-VG	GREENHECK	90	63	--	1050	120	1	60	REQ'D	N/A	REQ'D	IN-LINE DUCT MOUNTED	C/W COMBINATION MAGNETIC STARTER W/ H.O.A. & NEDERMAN EXTRACTION ARM MODEL FX100 OR APPROVED EQUAL. SEE DRAWING M4 FOR MORE DETAILS.
F2	ELECTRICAL ROOM 123 COOLING	SQ-90-VG	GREENHECK	265	94	--	1725	120	1	60	REQ'D	N/A	REQ'D	IN-LINE DUCT MOUNTED	C/W COMBINATION MAGNETIC STARTER W/ H.O.A.
F3	JANITOR RM. 205 EXHAUST	SP-B50	GREENHECK	25	32	--	625	120	1	60	REQ'D	N/A	N/A	CEILING MOUNTED	C/W COMBINATION MAGNETIC STARTER W/ H.O.A. AND HOODED WALL CAP GREENHECK MODEL WC-6
F4	RANGE HOOD MCTS KITCHEN 212	ALLURE QS330SS	BROAN	203	25	--	--	120	1	60	--	N/A	N/A	INTERIOR SURFACE MOUNTED	C/W 4 SPEED CONTROLS, S.S. FINISH, WALL CAP
F5	JANITOR RM. 130 & RECYCLING ROOM 126 EXHAUST	CSP-B110	GREENHECK	45	32	--	950	120	1	60	REQ'D	N/A	N/A	IN-LINE DUCT MOUNTED	C/W COMBINATION MAGNETIC STARTER W/ H.O.A. AND HOODED WALL CAP GREENHECK MODEL WC-6

*NOTE: ALTERNATIVE MANUFACTURERS: COOK, TRANE, OR APPROVED EQUAL

PUMP SCHEDULE

PUMP TAG	PUMP TYPE	PUMP APPLICATION	MANUFACTURER*	MODEL No.	SIZE	DISCHARGE HEAD (kPa)	FLOW RATE (L/S)	R.P.M.	MOTOR CAPACITY (KW)	CONTROLS	ELECT. SUPPLY	REMARKS
P1	WALL MOUNTED RECIRCULATOR PUMP	DOMESTIC HOT WATER RECIRCULATION	BELL & GOSSETT	NBF-33	3/4"	20	0.19	2950	0.125	--	120/1/60	ALL WETTED PARTS LEAD FREE BRONZE
P2	SUBMERSIBLE SUMP PUMP	ELEVATOR PIT DRAINAGE	MYERS	MCIO33	--	18	3	1550	0.25	--	120/1/60	THERMAL OVERLOAD PROTECTION WITH AUTO RESET, 2 POLE FLOAT SWITCH, 3m POWER CORD

*NOTE: ALTERNATIVE MANUFACTURERS: ARMSTRONG, TACO, GRUNDFOS, OR APPROVED EQUAL

FLOOR DRAIN AND ROOF DRAIN SCHEDULE

TAG NO.	DESCRIPTION	MANUFACTURER*	MODEL NUMBER	TRAP	TRAP SEAL PRIMER	SPECIAL REQUIREMENTS	APPLICATION AREA OF	REMARKS
RD-1	FLOW CONTROL ROOF DRAIN	ZURN	Z105	N/A	N/A	POLY-DOME	ROOF DRAINAGE	C/W SIX NOTCH WEIR, 100mm OUTLET SIZE, ACCESSORIES TO MATCH ROOF CONSTRUCTION, PROVIDE EXTENSIONS AS REQUIRED
FD-1	FLOOR DRAIN	ZURN	ZN415B	REQ'D	REQ'D	--	GENERAL AREA DRAINAGE	C/W TRAP PRIMER CONNECTION, OUTLET SIZE SEE PLANS
FD-2	FUNNEL FLOOR DRAIN	ZURN	ZN415B-OF	REQ'D	REQ'D	OVAL FUNNEL	MECH ROOM/CONDENSATE DRAINAGE	C/W TRAP PRIMER CONNECTION, OUTLET SIZE SEE PLANS
FD-3	HUB DRAIN	ZURN	ZN415	REQ'D	REQ'D	HUB EXTENSION	SPRINKLER SYSTEM DRAINAGE	C/W TRAP PRIMER CONNECTION, Z400U HUB EXTENSION, OUTLET SIZE SEE PLANS C/W TRAP PRIMER CONNECTION, OUTLET SIZE SEE PLANS
FD-4	SCUPPER DRAIN	ZURN	Z629	N/A	N/A	--	ELEVATOR PIT DRAINAGE	D.C.C.I. BODY WITH BRONZE GRATE, 102mm OUTLET (SCHEDULE 40) & BACKWATER VALVE

*NOTE: ALTERNATIVE MANUFACTURERS: JAY R. SMITH, MIFAB, WATTS, OR APPROVED EQUAL

HEAT RECOVERY VENTILATOR SCHEDULE

UNIT No.	AREA SERVICED	MODEL	MANUFACTURER*	DESIGN AIRFLOW	SPEED SETTING	STATIC	VOLTAGE	FANS (KW)	ACCESSORIES/COMMENTS
HRV1	MCTS CENTRE (24 HR. OPERATIONS)	6LC	VENMAR	230 L/S	LOW	175 Pa	120/1/60	0.187	C/W POLYPROPYLENE CORE, MERV 8 FILTERS
HRV2	MCTS CENTRE (DAILY OPERATIONS)	6LC	VENMAR	225 L/S	LOW	175 Pa	120/1/60	0.187	C/W POLYPROPYLENE CORE, MERV 8 FILTERS

*NOTE: ALTERNATIVE MANUFACTURERS: GREENHECK, TRANE, CARNES OR APPROVED EQUAL

GRILLE / REGISTER & DIFFUSER SCHEDULE

TYPE	MANUFACTURER*	MODEL	NOMINAL PANEL SIZE OR SLOT LENGTH	DISCHARGE PATTERN	NUMBER OF SLOTS OR CONES	CEILING TYPE	ACCESSORIES/COMMENTS
SA1	E.H. PRICE	520	SEE PLAN	--	--	T-BAR/GYPROC	C/W O.B.D., F BORDER, B12 FINISH, FRONT BLADES PARALLEL TO LONG DIMENSION
SA2	E.H. PRICE	SCD	300/300	4 WAY	3 CONE	T-BAR/GYPROC	C/W O.B.D., 31 BORDER, B12 FINISH
SA3	E.H. PRICE	510	SEE PLAN	--	--	EXPOSED DUCT	C/W O.B.D., F BORDER, B12 FINISH, BLADES PARALLEL TO LONG DIMENSION
RA1	E.H. PRICE	530	SEE PLAN	--	--	T-BAR/GYPROC	C/W O.B.D., F BORDER, B12 FINISH
EA1	E.H. PRICE	SERIES 80	SEE PLAN	--	--	GYPROC	C/W O.B.D., FD BORDER, B12 FINISH

*NOTE: ALTERNATIVE MANUFACTURERS: NAILOR, TITUS, CARNES, OR APPROVED EQUAL

REHEAT COIL SCHEDULE

UNIT No.	SYSTEM SERVICED	MANUFACTURER*	AIRFLOW	KW RATING	VOLTAGE	DUCT SIZE	ACCESSORIES/COMMENTS
RHC1	HRV1 REHEAT	THERMOLEC	230L/S	6	600/3/60	350/200	C/W AUTO & MANUAL RESET DISC TYPE THERMAL CUT-OUT, NEMA 4 CONTROL PANEL, SCR PROPORTIONAL CONTROLLER, 3 STAGE
RHC2	HRV2 REHEAT	THERMOLEC	225L/S	6	600/3/60	350/200	C/W AUTO & MANUAL RESET DISC TYPE THERMAL CUT-OUT, NEMA 4 CONTROL PANEL, SCR PROPORTIONAL CONTROLLER, 3 STAGE

*NOTE: ALTERNATIVE MANUFACTURERS: NEPTRONIC OR APPROVED EQUAL

C	ISSUED FOR TENDER	JUN 28 2017
B	ISSUED FOR 99% REVIEW	MAY 25 2017
A	ISSUED FOR CLIENT REVIEW	APR 28 2017

revisions: date
project: project

MCTS CENTRE
PORT AUX BASQUES

drawing: dessin

MECHANICAL EQUIPMENT SCHEDULES

designed: D.W. conçu

date: JUNE 28, 2017

drawn: TB dessin

date: JUNE 28, 2017

approved: RB approuvé

date: JUNE 28, 2017

Tender: g.f. macgillivray july 14/17 soumission

Project Manager: Administration des projets TPSCC

project number: no. du projet

R.082780.004

drawing no.: no. du dessin

M7

SCALE : N.T.S.