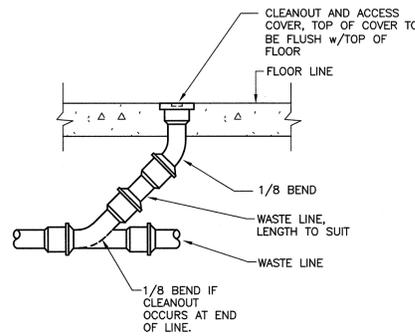


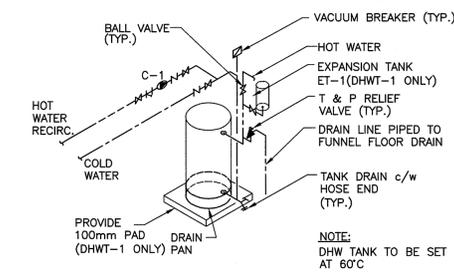
DETAIL - WALL CLEANOUT
SCALE : N.T.S.

1
P03/P03



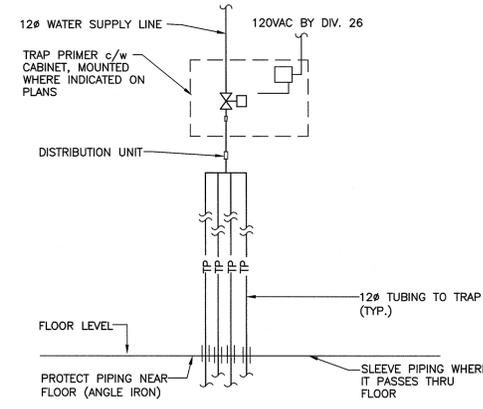
DETAIL - FLOOR CLEANOUT
SCALE : N.T.S.

2
P03/P03



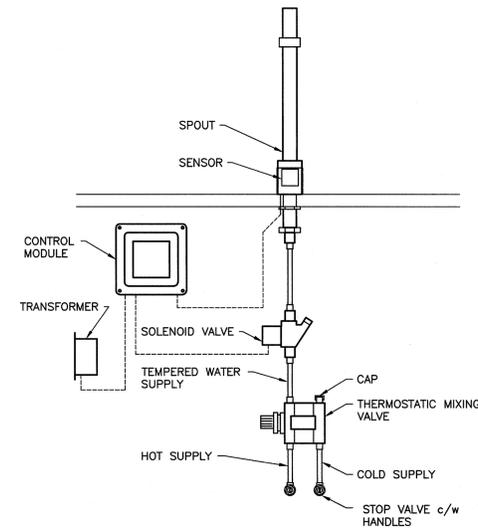
DETAIL - DOMESTIC HOT WATER TANK
SCALE : N.T.S.

3
P03/P03



DETAIL - TRAP PRIMER
SCALE : N.T.S.

4
P03/P03



DETAIL - DOMESTIC WATER TEMPERING SENSOR FAUCET
SCALE : N.T.S.

5
P03/P03

PLUMBING FIXTURE SCHEDULE								
SYMBOL	FIXTURE	DESCRIPTION	MATERIAL	REMARKS	SAN.	TRAP	HW	CW
P-1	TOILETS	FLOOR MOUNTED, TANK TYPE, WITH ANTIMICROBIAL SURFACE, 4.8L/PF, MAP = 1000.	VITREOUS CHINA	FIXTURE: FLOOR MOUNTED, ELONGATED, LINED TANK, 4.8L/PF, ANTIMICROBIAL FINISH SEAT: HEAVY DUTY SEAT WITH ANTIMICROBIAL SURFACE, OPEN FRONT LESS COVER.	75	-	-	32
P-2	TOILETS, BARRIER FREE	FLOOR MOUNTED, BARRIER FREE HEIGHT, TANK TYPE, WITH ANTIMICROBIAL SURFACE, 4.8L/PF, MAP = 1000.	VITREOUS CHINA	FIXTURE: FLOOR MOUNTED, BARRIER FREE HEIGHT, ELONGATED, LINED TANK, 4.8L/PF, ANTIMICROBIAL FINISH SEAT: EXTRA HEAVY DUTY SEAT WITH ANTIMICROBIAL SURFACE, OPEN FRONT WITH COVER.	75	-	-	32
P-3	URINAL	WALL MOUNTED, EXPOSED AUTOMATIC FLUSH VALVE	VITREOUS CHINA	FIXTURE: MOUNTED, TOP SPUD, 0.5 L/PF, ANTIMICROBIAL FINISH FLUSH VALVE: AUTOMATIC INFRARED 24V WITH CONCEALED WIRES, EXPOSED, 0.5 L/PF, C/W TRANSFORMER AS REQUIRED.	50	50	-	12
P-4	LAVATORIES, BARRIER FREE	BASIN, RECTANGULAR VANITY	VITREOUS CHINA	BASIN: ABOVE-COUNTER VANITY, OVERFLOW, OPEN GRID STRAINER, APPROX 470 X 400. FAUCET: AUTOMATIC INFRARED 24V, 1.3 L/MIN (0.35 GPM) AERATOR OUTLET, TRANSFORMER AS REQUIRED. SUPPLY: CHROME PLATED BRASS WITH BALL VALVE C/W HANDLE, THERMOSTATIC MIXING VALVE P-TRAP: CHROME PLATED BRASS	32	32	12	12
P-5	SINKS	DOUBLE, STAINLESS	302/304 STAINLESS STEEL	DOUBLE, LEDGEBACK, DROP-IN KITCHEN SINK WITH TWO-HANDLE DECKMOUNT FAUCET C/W STRAINER, THERMOSTATIC MIXING VALVE SIZE APPROX. 523 X 995, 5.7 L/MIN (1.25 GPM)	75	75	12	12
P-6	MOP SINKS	MOP SINK	PRECAST TERRAZZO	SINK: FLOOR MOUNTED 600 X 600, TERRAZZO, C/W INTEGRAL DRAIN AND STRAINER. FAUCET: WALL MOUNTED, BRASS, 2 HANDLE, C/W BUCKET HANGER AND DIAGONAL SUPPORT, C/W VACUUM BREAKER AND THREADED TO ACCEPT HOSE. ACCESSORIES: HOSE, MOP HANGER, STAINLESS WALL PANELS	38	38	12	12
P-7	INTERIOR WATER FOUNTAIN	SINGLE STATION FOUNTAIN AND BOTTLE FILLER COMBO, ADA COMPLIANT	STAINLESS STEEL	SINGLE STATION IN-WALL MOUNTED WITH AUTOMATIC BOTTLE FILLER. FOUNTAIN: ROUND STAINLESS STEEL BOWL, BUBBLER ACTIVATED BY PUSH BUTTON, BOTTLE FILLER: IN-WALL INFRARED HANDS FREE, NO FILTER, 115V/60HZ.	32	32	-	12
P-8	FILTER STATION	FILTER STATION AND WALL CABINET FOR WATER FOUNTAIN/BOTTLE FILLER	STAINLESS STEEL	IN-WALL MOUNTED WITH STAINLESS STEEL CABINET AND TAMPER PROOF SS COVER APPROX. 420 X 300, FILTER: 11356L CAPACITY, 5.6LPM FLOW RATE, NSF 42 AND 53 CERTIFIED.	-	-	-	12
P-9	WALL MOUNT LAVATORY	WALL MOUNTED	VITREOUS CHINA	BASIN: WALL HUNG LAVATORY c/w CONCEALED ARM CARRIER, GRID STRAINER, VITREOUS CHINA KNEE GUARD. FAUCET: AUTOMATIC INFRARED 24V, 2.3 L/MIN (0.5 GPM) AERATOR OUTLET, TRANSFORMER AS REQUIRED. SUPPLY: CHROME PLATED BRASS WITH BALL VALVE c/w HANDLE, THERMOSTATIC MIXING VALVE P-TRAP: CHROME PLATED	32	32	12	12
P-10	SHOWER	ONE PIECE SHOWER UNIT C/W DOOR	ACRYLIC	FIXTURE: ONE PIECE ACRYLIC UNIT C/W CEILING, SHOWER DRAIN AND DOOR, APPROX SIZE 900X900 CONTROL: THERMOSTATIC/PRESSURE BALANCE SHOWER CONTROL C/W CHROME PLATED SHOWER HEAD, SIZE 910X910X2134, 5.7 L/MIN (1.25 GPM)	50	50	12	12
P-11	LAVATORIES, BARRIER FREE	BASIN, ROUND COUNTER, BARRIER-FREE	VITREOUS CHINA	BASIN: ROUND COUNTER DROP-IN, OVERFLOW, OPEN GRID STRAINER, APPROX 470 X 400. FAUCET: AUTOMATIC INFRARED 24V, 1.3 L/MIN (0.35 GPM) AERATOR OUTLET, TRANSFORMER AS REQUIRED. SUPPLY: CHROME PLATED BRASS WITH BALL VALVE C/W HANDLE, THERMOSTATIC MIXING VALVE P-TRAP: CHROME PLATED BRASS	32	32	12	12

PUMP SCHEDULE									
UNIT No.	LOCATION	SERVICE	TYPE	FLOW RATE (L/s)	TOTAL HEAD (m)	ELECTRIC MOTOR			REMARKS
						MAX Kw	SPEED	SERVICE	
C-1	JANITOR ROOM	DHWR	CIRCULATOR	0.6	6	0.3	3300	120/1/60	LEAD FREE, SUITABLE FOR POTABLE WATER CONNECTION SIZE TO MATCH PIPING, ECM MOTOR, BAGNET CONTROLS INTEGRATION.

EXPANSION TANK SCHEDULE							
UNIT No.	LOCATION	TYPE OF FLUID	SYSTEM VOLUME (L)	TANK VOLUME (L)	INITIAL FILL PRESSURE (kPa)	MAX DESIGN PRESSURE (kPa)	REMARKS
ET-1	JANITOR ROOM	DIAPHRAGM	0.8	1.3	276	1034	SUITABLE FOR POTABLE WATER

WATER HEATER SCHEDULE							
UNIT No.	LOCATION	SERVICE	TYPE	VOLUME (L)	ELECTRICAL		REMARKS
					Kw	SERVICE	
DHWT-1	JANITOR ROOM	DHW	ELECTRIC	130	3	208/1/60	
DHWT-2	KITCHEN CABINET	DHW	ELECTRIC	10	1.5	120/1/60	

The Association of Professional Engineers of the Province of Prince Edward Island
C.J. Rudlick
No. 1459
DATE: Sept 15, 2017
LICENSED PROFESSIONAL ENGINEER
PROVINCE OF PRINCE EDWARD ISLAND

revisions	date
5	ISSUED FOR TENDER 09.15.2017
4	RS4 100% SUBMISSION 09.01.2017
3	RS4 99% SUBMISSION 06.30.2017
2	RS4 66% SUBMISSION 05.31.2017
1	RS4 33% SUBMISSION 04.30.2017
0	RS3 SUBMISSION 03.31.2017

project GREEN GABLES-PHASE 2
NEW VISITOR CENTRE
QUEENS CO., PEI

drawing PLUMBING DETAILS AND SCHEDULES

designated	CRJ	conçu
date	MAR-2017	
drawn	DTA	dessiné
date	MAR-2017	
approved		approuvé
date		
Tender	Project Manager	Administrateur de projets TPSOC
project number	R.081199.001	no. du projet
drawing no.	P03 OF 3	no. du dessin