PLUMBING FIXTURE SCHEDULE

MARK	FIXTURE TYPE	SAN	CW	HW	MANUFACTURER MODEL No.	ACCESSORIES	REMARKS
P-1	Watercloset	3"	1/2"	--	Drake II / Model CST454CEFGI#01 / Color: White	Furnish with closed front toilet seat with lid, angle stop and water closet supply	
P-2	Lavatory (Master Bath)	1-1/2"	1/2"	1/2"	Sink: Kohler / Model #K-2882-0 / Color: White Faucet: Delta / Model #25776-MPU-DST / Color: Chrome	Furnish with P-trap, waste, angle stops and faucet supplies	
P-2a	Lavatory	1-1/2"	1/2"	1/2"	Sink: Kohler / Model #K-2882-0 / Color: White Faucet: Delta / Model #25776-MPU-DST / Color: Chrome	Furnish with P-trap, waste, angle stops and faucet supplies	
P-3	Shower (Master Bath)	2"	1/2"	1/2"	Shower: Delta / Model 51361 / Color: Chrome Shower Trim: Delta / Model #T27976-LHP / Color: Chrome	Furnish with Pressure Balanced Mixing Valve, integral stops, 6 function diverter handle (2) body spray outlets, (1) fixed (1.75 GPM) shower head, (1)hand held(1.75 GPM) shower head with slide-bar, stainless steel drain and P-trap	Tiled base plus Tiled shower surround
P-3a	Shower	2"	1/2"	1/2"	Shower: Delta / Model 51361 / Color: Chrome Shower Trim: Delta / Model #T27976-LHP / Color: Chrome	Furnish with Pressure Balanced Mixing Valve, integral stops, 6 function diverter handle (2) body spray outlets, (1) fixed shower head, (1)hand held shower head with slide-bar, stainless steel drain and P-trap	Acrylic base with Tiled shower surround
P-4	Kitchen Sink	1-1/2"	1/2"	1/2"	Sink: Kohler / Model #K-6427/ Color: Stainless Steel Faucet: Delta / Model 9181-DST / Color: Polished Chrome	Furnish with Removeable cup strainers, P-trap, waste angle stops and faucet supplies	Doublle bowl "farmhouse stile" under-counter mount stainless steel sink with apron.
P-4a	Bar Sink	1-1/2"	1/2"	1/2"	Sink: Kohler / Model #K-6427/ Color: Stainless Steel Faucet: Delta / Model 9181-DST / Color: Polished Chrome	Furnish with Insinkerator"'Badger 5" 1/2 HP garbage disposer, Removeable cup strainer, P-trap, waste angle stops and faucet supplies	Doublle bowl "farmhouse stile" under-counter mount stainless steel sink with apron.
P-5	Dish Washer	3/4"	--	1/2"	See Architectural Specification		Extend valved HW supply and Drainconnection from adjacent sink installation.
P-6	Ice Maker Supply Box	--	1/2"	--	IPS Corporation # AB9700 recessed supply box with bottom mounted lead free 1/4 turn angle valve and face plate	Furnish with Heavy duty braided vynil hose	
P-7	Clthes Washer Suppy/Drain Box	2"	1/2"	1/2"	IPS Corporation # W2700 recessed supply/drain box with bottom mounted 1/4 turn hose end angle valves 2" drain outlest and face plate	Furnish with Watts "floodsafe" FS-CWM-S series stainless steel washing machine connections and heavy duty discharge hose.	
P-8	Utility Sink	1-1/2"	1/2"	1/2"	Sink: Mustee / Model #K-2882-0 / Color: White Faucet: Delta / Model #25776-MPU-DST / Color: Chrome	Furnish with P-trap, waste, angle stops and faucet supplies	
FD	Floor Drain	2"	--	--	Zurn # EZ-6 PVC body adjustable floor drain with 6" diameter top	Furnish with P-trap and trap primer connection	
WH	Wall Hydrant	--	1/2"	--	Woodford model 19 Freezeless anti-siphon wall hydrant	Furnish with integral ASSE 1019 backflow prevention device and wheel handle	

WATER MIXING VALVE SCHEDULE

MARK	GPM MIN. FLOW	GPM MAX. FLOW	GPM DESIGN FLOW	P.D.	TEMPERATURE(°F.) COLD INLET	TEMPERATURE(°F.) HOT INLET	TEMPERATURE(°F.) MIXED OUTLET	PIPE TAP INLET	PIPE TAP OUTLET	MANUFACTURER & MODEL NO.	REMARKS
TMV 1	1.0	23.0	7.6	5.0	50	140	120°	¾"	¾"	"POWERS" * MODEL NO. 'LFLM490' (ASSE 1017 LISTED)	SEE NOTES 1 AND 2

NOTES: 1. MAXIMUM FLOW MEASURED AT 45 PSI PRESSURE DROP.
2. SEE WATER HEATER PIPING DIAGRAM ON SHEET P1.02

* – LEAD FREE, BRONZE FINISH

EXPANSION TANK SCHEDULE

MARK	SERVES	TANK VOLUME GALLONS	ACCEPTANCE VOLUME GALLONS	DIAMETER	HEIGHT	CONN. SIZE	APPROX. WEIGHT	BASIS OF DESIGN MANUFACTURER AND MODEL NO.	REMARKS
ET 1	DOMESTIC HOT WATER SYSTEM	4.4	2	11"	15"	¾"	9 LBS	"AMTROL" NO. 'ST–12'	SEE NOTE 1

NOTES: 1. SEE PIPING DIAGRAM ON SHEET – P1.02

SUBMERSIBLE SUMP PUMP SCHEDULE

MARK	EQUIPMENT	LOCATION	SPECIFICATIONS
SP 1	SUBMERSIBLE PUMP	SEWAGE PUMP	PACKAGED SEWAGE PUMP SYSTEM: "LIBERTY PUMP" MODEL No. 702/LE41A WITH MODEL LE40 PUMP, 20 GPM AT 15FT. HD. 4/10 HP MOTOR, 120 VOLT–1ø–60HZ, 2" DISCHARGE PIPE SEE DETAIL ON DRAWING P1.02
SP 2	SUBMERSIBLE PUMP	SUMP PUMP	PACKAGED SUMP PUMP SYSTEM "LIBERTY PUMP" MODEL SPAC–237. WITH MODEL 237 PUMP, 20 GPM AT 15 FT. HD. 1/3 HP MOTOR, 120 VOLT–1ø–60HZ, 1½" DISCHARGE PIPE. SEE DETAIL ON DRAWING P1.02

DOMESTIC WATER PUMP SCHEDULE

MARK	SERVICE	GPM	FT/HD	HP	V–P–H	FLANGE SIZE		PUMP RPM	BASIS OF DESIGN MANUFACTURER & MODEL No.	REMARKS
CP 1	HOT WATER RECIRCULATING 120°F.	1	7	1/40	120–1–60	¾"	¾"	3250	"TACO" MODEL NO. '006–IQB4'	SEE NOTE 1

NOTES: 1. NSF–372 COMPLIANT BRONZE CONSTRUCTION. INCLUDE TACO "SMARTPLUS" HOT WATER RECIRCULATION CONTROL SYSTEM.

GAS-FIRED WATER HEATER SCHEDULE

MARK	SERVES	TANK STORAGE CAPACITY	ENT H_2O °F.	TEMPERATURE RISE (°F)	STORAGE TEMP °F.	RECOVERY (GPH)	INPUT (MBH)	VENT DIA. (IN.)	COMBUSTION AIR INLET DIA. (IN.)	BASIS OF DESIGN MANUFACTURER & MODEL No.	VOLTAGE V–P–H	POWER CONSUMPTION AMPS	REMARKS
WH 1	BUILDING PLUMBING FIXTURES	50 GALLONS	50°F.	90° F.	140° F.	129	100	3"	3"	"A.O. SMITH" NO. 'GDHE–50'	120–1–60	5	SEE NOTE 1&2

NOTES:
1. MINIMUM THERMAL EFFICIENCY 96%. SEE PIPING DIAGRAM ON SHEET P1.02
2. FURNISH WITH CONDENSATE NEUTRALIZATION KIT PIPED TO FLOOR DRAIN.

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BROADVIEW
SENIOR LIVING
AT PURCHASE COLLEGE

BROADVIEW - SENIOR LIVING AT PURCHASE
COLLEGE - VILLAS

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ARCHITECTURE
LANDSCAPE ARCHITECTURE
PLANNING
INTERIOR DESIGN

STATE OF NEW YORK
CHARLES WILLIAM RUSH
LICENSED PROFESSIONAL ENGINEER
No. 85354

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no.	date	revision

Project Name
BROADVIEW - SENIOR LIVING AT PURCHASE COLLEGE - VILLAS
Project Number
215042.00
Date
03/15/2021
Scale
As indicated
Drawing
PLUMBING SCHEDULES

P1.01

PERMIT/GMP SET

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