GENERAL NOTES

- 1. All work shall be in accordance with the Uniform Plumbing Code, local codes and ordinances, National Fire Code (NFPA), or these plans or specifications, whichever is more strict.
- 2. All drawings are schematic only, and are intended to indicate the intent, extent, and general arrangement of work. They are not meant to show every fitting, change of direction or every situation. Verify locations in the field. Work indicated shall be furnished complete to perform the function intended.
- 3. Carefully coordinate the space requirements and location of piping with the other trade contractors. Reserve space for sprinkler mains. If coordination fails, conflicts will be decided in favor of the other contractors with this contractor relocating his piping and equipment at no expense to the Owner.
- 4. All plumbing fixtures shall be back vented.
- 5. This contractor shall make all final plumbing connections to equipment/fixtures provided by other contractors.
- 6. For pipe sizes not shown on floor plans, refer to: adjacent or enlarged plumbing plans, then appropriate schedules, details, specifications, equipment connection sizes and minimum Code requirements. For otherwise indeterminable pipe segments, the size shall be the same as the largest adjacent segment. Where pipe sizes are erroneously shown to decrease then increase, the smaller segment shall be increased to match the larger segment. When a conflict exists, the larger size shall govern. Pipe sizes are nominal (not O.D.) unless specifically noted otherwise.
- 7. All piping shall run concealed above ceilings, in walls, in soffits and in chases unless noted otherwise. Special care shall be taken when dropping 3" nominal pipe in 3-1/2" wall cavities to ensure correct fit and alignment.
- 8. No structural members shall be cut without approval of the Architect.
- 9. All plumbing shall be supported from the building structure. All piping 2" and larger shall be supported from the top chord of bar joists unless permission to do otherwise is obtained from the Structural Consultant. All piping drops to fixtures shall be anchored solid to walls with a steel support bracket with adjustable clip.
- 10. All water piping shall be installed parallel to building lines and pitched to low points. Provide draw-offs at low points. Piping shall be run neatly grouped together when practical.
- II. All piping through roofs, concrete walls and masonry partitions shall have steel pipe sleeves. Openings between pipes and sleeves shall be caulked and sealed smoke and water tight. All pipe penetrations through a fire rated wall or floor shall have a UL rated fire stop system rated to match the rating of the wall, as per the NFPA.
- 12. All wall fixtures shall be carrier mounted unless otherwise specified.
- 13. All domestic water piping shall be insulated unless otherwise
- 14. Run all piping on warm side of building insulation. No water, or waste lines shall be run in exterior walls, unless directly indicated.
- 15. Provide shock absorbers where shown on drawings, and on tops of risers to all shower valves, dishwashers and clotheswashers. Sizes shall conform to P.D.I. standards.
- 16. All sanitary waste piping less than 4" shall pitch down at $\frac{1}{4}$ " per L.F. All 4" and larger piping shall pitch at $\frac{1}{4}$ " per L.F. whenever possible. No sanitary/wastē piping under s'lab shall be less than 2" in diameter.
- 17. All Domestic copper water piping shall be type "K" or "L" copper, tupe "M" is prohibited.

DRAIN SPEC. SCHEDULE											
TAG	ITEM	WASTE	VENT	REMARKS							
FCO-I	ROUND - RECESSED FOR TILE FLOOR CLEANOUT	SIZE OF PIPE	<u>-</u> -								
FC <i>O</i> -2	ROUND - UNFINISHED AREA FLOOR CLEANOUT	SIZE OF PIPE									
FD-I	GENERAL ROUND FLOOR DRAIN	3"	1-1/2"								
FD-2	INDIRECT WASTE FLOOR DRAIN	3"	1-1/2"								
FD-3	BOILER ROOM FLOOR DRAIN	შ	1-1/2"								
RD-I	MAIN ROOF DRAIN	3 "	-	POLY DOME							
RD-2	DECK ROOF DRAIN	3 "	-	BRONZE DOME							

ABBREVIATIONS, LINE TYPES & SYMBOLS

140	140 DEG F HOT WATER	LF	LINEAR FEET		SANITARY/ WASTE PIF BELOW SLAB
@	AT	LV	LAVATORY		SANITARY / WASTE PI ABOVE SLAB
A	AMPS	М	METER		
ADA	AMERICANS WITH	MB	MOP BASIN	IDW	INDIRECT WASTE PIPII ABOVE SLAB
/\D/\	DISABILITIES ACT	MTD	MOUNTED		VENT PIPING ABOVE SLAB
AFF	ABOVE FINISHED FLOOR	MV	MIXING VALVE		VENT PIPING BELOW S
BF <i>G</i>	BELOW FINISHED	NB	NICKEL BRONZE		
	GRADE	OD	OUTSIDE DIAMETER		STORMWATER PIPING ABOVE SLAB
BFP	BACKFLOW PREVENTER	PC	PLUMBING CONTRACTOR		STORMWATER PIPING BELOW SLAB
BLV	BALL VALVE	PDI	PLUMBING & DRAINAGE		- COLD WATER PIPING
CNTR CO	COUNTER	DC.	INSTITUTE		- COLD WATER PIPING
CONT	CONTINUATION	PG PH	PRESSURE GAUGE PHASE	TD	BELOW SLAB
	COORDINATION	PRV	PRESSURE REDUCING	TP	TRAP PRIMER PIPING
CM	COLD WATER,	FRV	VALVE		- 120 HOT WATER PIPIN
- + 1 21 ·	CLOTHES WASHER	PSI	POUNDS PER SQUARE INCH		HOT WATER RETURN PIPING
C#HM	COLD & HOT WATER	RAD	RADON	140	— 140 HOT WATER PIPIN
DAM	DROP AT WALL	RAW	RISE AT WALL	G	— GAS PIPING
DCP	DOMESTIC CIRCULATING PUMP	RH	RIGHT HAND	Ů	57 S 1 H HO
DEG	DEGREES	RIC	RISE IN CHASE		
DF	DRINKING FOUNTAIN	RIW	RISE IN WALL		
DIV	DIVISION	RUC	RUN UNDER COUNTER		
DIW	DROP IN WALL	RUF	RUN UNDER FLOOR		BALL VALVE
DN	DOWN	RV	RELIEF VALVE		VERTICAL BALL VAL
DN#U	DOWN AND UP	S	SANITARY WASTE		BALANCING VALVE
DNAW	DOWN AT WALL	SA	SHOCK ABSORBER		CHECK VALVE
DNIC	DOWN IN CHASE	SH	SHOWER		
DNIM	DOWN IN WALL	SK	SINK		BACKFLOW PREVENT
DO	DRAWOFF	SP	SUMP PUMP		VACUUM RELIEF VAL
DM	DISHWASHER	55	STAINLESS STEEL		RELIEF VALVE
EQ	EQUAL	Т	THERMOMETER	——————————————————————————————————————	PRESSURE REDUCING
ET	EXPANSION TANK	TP	TRAP PRIMER	OTHER METERS	VALVE
FCO	FLOOR CLEANOUT	TS	TUB/SHOWER		THERMOMETER
FD	FLOOR DRAIN	TYP	TYPICAL		PRESSURE GAUGE
FFE	FINISHED FLOOR ELEVATION	UIC	UP IN CHASE		TRAP PRIMER
6	GAS (NATURAL)		OUP & DOWN IN CHASE NUP & DOWN IN WALL		DROP/RISE IN LINE
GAL	GALLONS	UIM	UP IN WALL		LINE UP TO FLOOR
GC	GENERAL	<i>∨</i>	VENT		ABOVE
	CONTRACTOR	VB	VACUUM BREAKER	9	TEE -DROP
GHT	GARDEN HOSE THREAD	VC	VITREOUS CHINA	<u> </u>	SHOCK ABSORBER
GPF	GALLONS PER FLUSH	VIF	VERIFY IN FIELD		UNION
	GALLONS PER	VRV	VACUUM RELIEF VALVE		MIXING VALVE
6 V	MINUTE GATE VALVE	VTR	VENT THRU ROOF	0	FLOOR CLEANOUT
GV HB	HOSE BIB	M	WASTE		FLOOR DRAIN
HC	HEATING	W	WITH	G	WALL CLEANOUT
	CONTRACTOR	MC	WATER CLOSET, WATER COLUMN	©	VENT THROUGH ROOF
HM	HOT WATER	MCO	WALL CLEANOUT	"	
HWR	HOT WATER RETURN	MSI	WARM SIDE OF	•	HOSE BIB
,	INVERT ELEVATION		INSULATION	M	WATER METER
IDW	INDIRECT WASTE				

		Р	UM	P S	CHE	EDU	LE		
TAG	ITEM	SERVICE	GPM	HEAD FT	HP	RPM	VOLTS	PH	REMARKS
DCP-I	DOMESTIC RECIRC PUMP	120° HW RECIRC LOOP	7	10	1/25	_	115	I	3/4" BRONZE ELEC. BY DIV. 16
SP-I	SUMP PUMP	ELEVATOR SHAFT		-	1/2	I55 <i>0</i>	115		I-½" DISCHARGE, OIL MINDER ELEC. BY EC

	PLUME	BIN	G F	TIXT	TUR	E	SCHEDULE	
TAG	FIXTURE	COLD WATER	120° WATER	140° WATER	SAN/ WASTE	∨ENT	REMARKS	MOUNTING HEIGHT
CD-I	CLOTHES DRYER, STACKED						2 1/2" GAS CONNECTIONS	PER MANUF'I REQUIREMEN
CM-I	CLOTHES WASHER SUPPLY & DRAIN UNIT	1/2"		1/2"	2"	1-1/2"	RECESSED PROVIDE WASHER TRAY	PER MANUF'I REQUIREMEN
DM-1	DISHMASHER UNDER COUNTER		1/2"		TO SK		UNIT BY GC	PER MANUF'S
LV-I	LAVATORY, COUNTERTOP STANDARD	1/2"	1/2"	**	1-1/4"× 1-1/2"	1-1/2"	OVAL VC, SINGLE HANDLE FAUCET	CNTR HEIGHT
LV-2	LAVATORY, COUNTERTOP ADAPT.	1/2"	1/2"		1-1/4"× 1-1/2"	1-1/2"	OVAL VC, SINGLE HANDLE FAUCET	COUNTER 3
LV-3	LAVATORY - WALL ADA	1/2"	1/2"		1-1/4"× 1-1/2"	1-1/2"	VC, SINGLE HANDLE FAUCET, CARRIER	RIM 34"
MB-I	MOP BASIN	1/2"		1/2"	3"	1-1/2"	FLOOR MTD, MOLDED STONE 24"x24x10", VB FAUCET	FLOOR
SH-I	SHOWER, ROLL-IN, RIGHT HAND - ADA	1/2"	1/2"		2"	1-1/2"	ACRYLIC, OPEN TOP, GRAB BARS, 64"x36"x78"	CONTROLS 48"
SH-2	SHOWER, ROLL-IN,, LEFT HAND - ADA	1/2"	1/2"		2"	1-1/2"	ACRYLIC, OPEN TOP, GRAB BARS, 64"x36"x78"	CONTROLS 48"
SK-I	SINK, SINGLE BOWL ADAPTABLE	1/2"	1/2"		1-1/2"	1-1/2"	5.5. 22"x25"x6-1/2" KITCHEN FAUCET W/ SPRAY	COUNTER
5K-2	SINK, SINGLE BOWL ADA	1/2"	1/2"		1-1/2"	1-1/2"	5.5. 22"x25"x6-1/2" KITCHEN FAUCET W/ SPRAY	COUNTER
TS-I	TUB/SHOWER - RH ADAPTABLE	1/2"	1/2"		1-1/2"	1-1/2"	S.S. 22"x25"x6-1/2" KITCHEN FAUCET W/ SPRAY	COUNTER
TS-2	TUBSHOWER - LH ADAPTABLE	1/2"	1/2"		1-1/2"	1-1/2"	S.S. 22"x25"x6-1/2" KITCHEN FAUCET W/ SPRAY	COUNTER
MC-I	MATER CLOSET TANK, FLOOR MTD	1/2"			4 ¹¹	2"	1.6 GPF, VC, 15" TO RIM	FL00R
MC-2	WATER CLOSET TANK, FLOOR MTD - ADA	1/2"			4"	2"	1.6 GPF, VC, 16-1/2" TO RIM	FL <i>OO</i> R
WC-3	WATER CLOSET TANK, FLOOR MTD, LH - ADA	1/2"			4"	2"	I.6 GPF, VC, I6-I/2" TO RIM RIGHT HAND TRIP LEVER	FL00R

V	VATER SPEC.	SC	HE	DUI	_E
TAG	ITEM	CW	HW	OUTLET	REMARKS
MV-I	MASTER MIXING VALVE	Address of the second s	l _n	1-1/4"	120°
BFP-I	MATER ENTRANCE BACKFLOW PREVENTERS	1-1/2"	_	SAME	I" IDW
BFP-2	BOILER MAKE- UP WATER	3/4"	-	SAME	
HB-I	NON-FREEZE HOSE BIB W/ VB	3/4"	_	³ /4" GHT	
5A-I	SHOCK ABSORBER	1/.	2"		P.D.I. A
5A-2	SHOCK ABSORBER	3/	/4"	_	P.D.I. B
TP-I	TRAP SEAL PRIMER	1/2"	_	SAME	
ET-I	EXPANSION TANK POTABLE WATER	3/4"	-	-	

OWNER:
53 DANFORTH STREET, LP
C/O THE SZANTON COMPANY

ARCHITECTS
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PROGRESS

MBING NOTES SCHEDULES

P3.01