

LEGEND	
— NC —	NATURAL GAS LINE
— T —	TEMPERED WATER
—	SANITARY WASTE ABOVE FLOOR OR GRADE
—	SANITARY WASTE BELOW FLOOR OR GRADE
— DCW —	DOMESTIC COLD WATER
— DHW —	DOMESTIC HOT WATER
—	DOMESTIC HOT WATER RECIRCULATION LINE
—	SANITARY CLEAN OUT
—	PIPE DOWN
—	PIPE UP
—	PUMP
—	BALANCE VALVE
—	BACKWATER VALVE
— (NO) —	PLUMBING FIXTURE DESIGNATION
— (NO) —	DRAWING NOTES DESIGNATION
— (EP NO) —	EQUIPMENT DESIGNATION
—	FIRE EXTINGUISHER AND WALL BRACKET
—	CONTROL WIRE
— (T) —	THERMOSTAT
— (T) —	THERMOSTAT WITH LOCKABLE COVER
—	TRANSFER AIR DUCT
—	TURNING VANES
—	ACOUSTIC INSULATION
— F —	FIRE DAMPER
—	MANUAL BALANCING DAMPER
— (TYPE SIZE CFM) —	GRILLE OR DIFFUSER DESIGNATION
— (T) —	ELECTRICAL BASEBOARD HEATER WITH REMOTE THERMASTAT
— (T) —	ELECTRICAL FORCE FLOW HEATER WITH REMOTE THERMASTAT
—	MIXING VALVE
—	SHUT-OFF VALVE
—	HATCH ITEM TO BE REMOVED.
—	BALANCE VALVE
— (T) —	ELECTRICAL UNIT HEATER WITH REMOTE THERMASTAT
— (T) —	FIRE EXTINGUISHER AND RECESSED CABINET

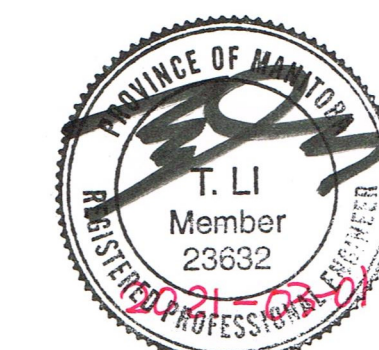
PLUMBING FIXTURE HOOK-UP SCHEDULE							
TAG#	FIXTURE	DCW IN.Ø	DHW IN.Ø	DTW IN.Ø	SAN IN.Ø	VENT IN.Ø	NOTES
WC-1	WATER CLOSET	1	—	—	3	2	①
MP-1	MOP SINK	1/2	1/2	—	3	1 1/2	①
LAV-1	LAVATORY	—	—	1/2	1 1/2	1 1/2	①
DF-1	ACCESSIBLE DRINKING FOUNTAIN	1/2	—	—	—	—	①
UR-1	URINAL	—	—	—	2	1 1/2	①
DHWT-1	HOT WATER TANK	3/4	3/4	—	—	—	①
HB-1	HOSE BIBB	1/2	1/2	—	—	—	①
WH-1	WALL HYDRANT	1/2	—	—	—	—	①
HB-2	HOSE SPIGOT	—	—	1/2	—	—	①
MX-1	MIXING VALVE	3/4	3/4	3/4	—	—	①
FD-1	FLOOR DRAIN	—	—	—	3	—	②
FD-2	FLOOR DRAIN	—	—	—	3	—	②
SK-1	SERVICE SINK	—	—	1/2	—	—	①
NOTES: ① PROVIDE SERVICE VALVES ② PROVIDE TRAP SEAL PRIMERS							

GRILLES, REGISTERS, AND DIFFUSER SCHEDULE

TYPE	MAKE	MODEL	SERVICE	BORDER	CORE	BLADE	FRAME	CONES	FASTEN	FINISH	REMARKS
A	E.H. PRICE	520	SUPPLY	F	—	S	—	—	A	B12	SEE DRAWING FOR LOCATION
B	E.H. PRICE	530	RETURN	F	—	S	—	—	A	B12	SEE DRAWING FOR LOCATION
C	E.H. PRICE	530D	RETURN	F	—	S	—	—	A	B12	SEE DRAWING FOR LOCATION
D	E.H. PRICE	91	TRANSFER	F	—	L	—	—	A	B12	SEE DRAWING FOR LOCATION

Demand Weights of Fixtures in Fixture Units				
Number	Fixture Type	Weight in fixture units	Number of fixtures	Count
1	Water closet	a) Flush Valve	6	3
		b) Flush Tank	3	
2	Lavatory Sink	1	1	1
3	Bath Tub	2		
4	Shower	2		
5	Urinal	a) Large Valve	8	
		b) Small Valve	6	
		c) Tank	6	
6	Kitchen Sink or Pot Sink	2	2	4
7	Bar Sink	2		
8	Dish Washer (Domestic)	3		
9	Dish Washer (Commercial)	4		
10	Glass Washer	3		
11	Laundry & Mop Sinks or Janitors Sinks	2	1	2
12	Lawn Service	1	3	3
13	Laboratory Sinks	2		
14	Soft Drink Machines	2		
15	Coffee Maker	1		
16	Ice Machine	1		
17	Drinking Fountain	1	1	2
18	Bradley Wash Stall (large public wash basin)	4		
19	Automatic Clothes Washer (Domestic)		3	
		Automatic Clothes Washer (Commercial See Guidelines)		
20	Small Water Cooled Compressors	3		
21	Commercial Food Waste Disposal Units	3		
			TOTAL	30

VENTILATION LOAD CALCULATION SUMMARY									
ROOM	AREA (sq.ft.)	OCCUPANCY	OUTDOOR AIR RATE cfm/person	OUTDOOR AIR RATE cfm/sq.ft	EXHAUST AIR REQUIRED	OUTDOOR AIR REQUIRED	OUTDOOR AIR PROVIDED	EXHAUST AIR PROVIDED	REMARK
public sink area	320	30	7.5	0.12		263	400		provided by HRV-1
washroom area	250				350			400	provided by HRV-1
total									



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