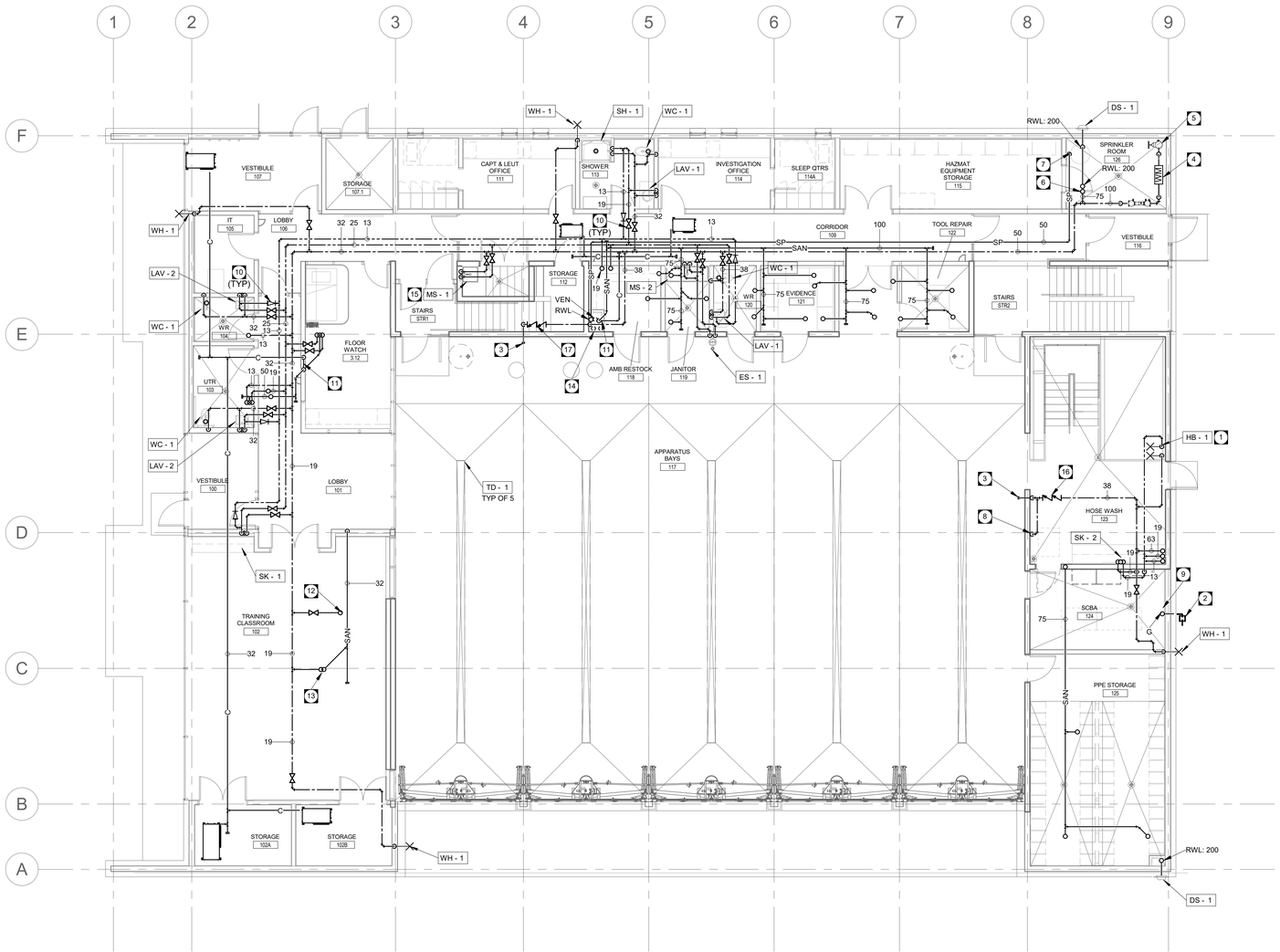

1 MAIN FLOOR PLAN - PLUMBING
MP2.1 SCALE: 1 : 100

KEY NOTES

1. PROVIDE HOT AND COLD WATER HOSE BIB WITH 25 FOOT HOSE AND REEL ACCORDING TO SPECIFICATIONS.
2. PROVIDE NEW NATURAL GAS METER. COORDINATE WITH MANITOBA HYDRO.
3. PROVIDE 38MM (1 1/2 INCH) COLD WATER SUPPLY CONNECTION ON WALL FOR FILLING AND 19MM (3/4 INCH) SUPPLY CONNECTION ON WALL FOR PRESSURE WASHER. PROVIDE BALL ISOLATION VALVE AND THREADED CAP FOR EACH. PROVIDE DVCA BACKFLOW PREVENTER ON COMMON WATER SUPPLY PIPE SERVING BOTH CONNECTIONS IN ACCESSIBLE LOCATION IN STORAGE 112, ACCORDING TO CSA B64.10.
4. PROVIDE WATER METER AND BACKFLOW PREVENTION ACCORDING TO DETAIL.
5. PROVIDE FIRE PROTECTION PIPING AND BACKFLOW PREVENTION ACCORDING TO DETAIL. REFER TO FIRE PROTECTION PLANS.
6. PROVIDE DOMESTIC COLD WATER SUPPLY RISER UP FROM MAIN FLOOR MECHANICAL ROOM TO SECOND FLOOR CEILING LEVEL THROUGH WALL ON SECOND FLOOR.
7. REFER TO BELOW GRADE PLUMBING PLANS AND DETAIL FOR SUMP PIT INSTALLATION.
8. PROVIDE ONE 25MM (1 INCH) COLD WATER SUPPLY PIPE WITH TWO 19MM (3/4 INCH) CONNECTIONS WITH SHUT-OFF VALVES AND CAPS AND 3 INCH HUB DRAIN FOR FUTURE GEAR EXTRACTOR.
9. SIZE AND INSTALL NATURAL GAS PIPING ACCORDING TO CSA B149.1.
10. SHUT-OFF AND BALANCING VALVES TO BE INSTALLED IN CORRIDOR CEILING SPACE, TYPICAL.
11. CONNECT COIL CONDENSATE DISCHARGE PIPE TO SANITARY RISER.
12. PROVIDE WATER SUPPLY PIPE TO WALL HYDRANT ABOVE.
13. PROVIDE WATER SUPPLY AND SANITARY RISERS TO BOTTLE FILLER ABOVE.
14. ALL PIPE RISERS IN SW CORNER OF AMB RESTOCK TO FIT IN 760 X 503 MECH CHASE WITHIN MILLWORK.
15. SURFACE MOUNT MOP SINK SUPPLY WATER PIPING TO WALL IN JANITOR'S ROOM.
16. INSTALL BACKFLOW PREVENTER 1219 MM ABOVE FLOOR LEVEL IN STAINLESS STEEL SURFACE MOUNT BOX WITH DOOR.
17. INSTALL BACKFLOW PREVENTER 1219 MM ABOVE FLOOR LEVEL.

PLUMBING FIXTURE SCHEDULE

MARK		DCW		DHW		SANITARY		VENT	
		(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)
DW	1	0"	0 mm	1/2"	13 mm	1 1/4"	32 mm	1 1/4"	32 mm
ES	1	1"	25 mm	1"	25 mm	2"	50 mm	0"	0 mm
FD	1	0"	0 mm	0"	0 mm	3"	75 mm	1 1/2"	38 mm
FD	2	0"	0 mm	0"	0 mm	3"	75 mm	1 1/2"	38 mm
HB	1	1/2"	13 mm	1/2"	13 mm	0"	0 mm	0"	0 mm
LAV	1	1/2"	13 mm	1/2"	13 mm	1 1/4"	32 mm	1 1/4"	32 mm
LAV	2	1/2"	13 mm	1/2"	13 mm	1 1/4"	32 mm	1 1/4"	32 mm
MS	1	1/2"	13 mm	1/2"	13 mm	3"	75 mm	1 1/2"	38 mm
MS	2	1/2"	13 mm	1/2"	13 mm	3"	75 mm	1 1/2"	38 mm
SH	1	1/2"	13 mm	1/2"	13 mm	2"	50 mm	1 1/4"	32 mm
SK	1	1/2"	13 mm	1/2"	13 mm	1 1/2"	38 mm	1 1/4"	32 mm
SK	2	1/2"	13 mm	1/2"	13 mm	1 1/2"	38 mm	1 1/4"	32 mm
SK	3	1/2"	13 mm	1/2"	13 mm	1 1/2"	38 mm	1 1/4"	32 mm
SK	4	1/2"	13 mm	1/2"	13 mm	1 1/2"	38 mm	1 1/4"	32 mm
SK	5	1/2"	13 mm	1/2"	13 mm	1 1/2"	38 mm	1 1/4"	32 mm
WC	1	1 1/4"	32 mm	0"	0 mm	3"	75 mm	1 1/2"	38 mm
WH	1	3/4"	19 mm	0"	0 mm	0"	0 mm	0"	0 mm
WM	1	1/2"	13 mm	1/2"	13 mm	2"	50 mm	1 1/4"	32 mm

* FOLLOW PIPE SIZES GIVEN IN ABOVE CHART UNLESS DRAWING SHOWS DIFFERENTLY.

Cibinel Architecture Ltd
560 ACADEMY ROAD WINNIPEG MB R3N 0E3
T. 204 989 8910

ARCHITECT

epp siepman engineering
400 - 136 Market Avenue
Winnipeg, MB R3B 0P4
T 204 453 1080

CONSULTANT

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PROVINCE OF MANITOBA
D.A. SIEPMAN
Member
23527
2023-02-03
REGISTERED PROFESSIONAL ENGINEER

Project
WFPS STATION 9
1083 AUTUMNWOOD DRIVE

Sheet Title
MAIN FLOOR - PLUMBING PLAN

Project No. 22028
Sheet MP2.1