



0 11.06.23 ISSUED FOR CONSTRUCTION
 No. DATE ISSUANCE
 Seat

APEGM
 Certificate of Authorization
Epp Siepman Engineering Inc.
 No. 4035 Date: 11.06.23

1 MECHANICAL ROOM PLAN
 M-1 SCALE: 3/16" = 1' - 0"

SYMBOLS LEGEND

	BUTTERFLY VALVE
	BALL VALVE
	FLANGE
	PIPE RISE
	PIPE DROP
	PUMP
	EQUIPMENT TAG
	GENERAL NOTE
	DEMOLITION NOTE
	DRAWING HEADER

LINE TYPE

	POOL SUPPLY - NEW
	POOL SUPPLY - EXISTING
	POOL RETURN - NEW
	POOL RETURN - EXISTING
	DRAIN LINE - NEW

KEY NOTES

- 1 RELOCATE SAND FILTERS TO NEW MECHANICAL ROOM.
- 2 NEW PUMPS, TYP. OF 2. INSTALL ON CONCRETE CLEAN-UP PAD.
- 3 REFER TO SCHEMATIC FOR COMPLETE PIPING ARRANGEMENT.
- 4 EXISTING CATCH BASIN.
- 5 EXISTING COPPER DRAIN RISER.
- 6 REPLACE BUTTERFLY VALVES ON EXISTING PIPING.
- 7 THE EXISTING HOT WATER HEATER SHALL BE REMOVED TO FACILITATE NEW PIPING WORK THEN RE-INSTALLED IN THE SAME LOCATION.
- 8 THE EXISTING FURNACE SHALL BE REMOVED TO FACILITATE NEW PIPING WORK THEN RE-INSTALLED IN THE SAME LOCATION.
- 9 TO / FROM POOL.
- 10 INSTALL PIPE ON THE WALL BEHIND HWT AND FURNACE.
- 11 NEW PIPING FROM THIS POINT. EXISTING PIPING BETWEEN THIS POINT AND THE POOL TO REMAIN.
- 12 RISE TO / FROM RELOCATED CHLORINATION SYSTEM. RELOCATION OF CHLORINATION FROM EXTERIOR STORAGE UNIT ON EAST WALL OF MAIN FLOOR TO EXTERIOR STORAGE UNIT ON NORTH WEST CORNER OF MAIN FLOOR. PROVIDE NEW HOUSE KEEPING PAD. RELOCATE PIPING AS REQUIRED. MAIN FLOOR LOCATION NOT SHOWN.
- 13 CONNECT TO DOMESTIC WATER COPPER PIPE.
- 14 VACUUM PUMP TO BE RELOCATED. PROVIDE NEW PIPING TO EXTEND TO PUMP. PROVIDE WITH NEW HOUSE KEEPING PAD.
- 15 THE WADING POOL PUMP SHALL BE REMOVED TO FACILITATE NEW PIPING WORK THEN RE-INSTALLED IN THE SAME LOCATION.
- 16 OLD PUMPS TO BE REMOVED. SALVAGE TO CONTRACT ADMINISTRATOR.

ELECTRICAL NOTES

- GENERAL:
 ALL WORK TO BE DONE IN ACCORDANCE WITH THE CURRENT EDITION OF THE CANADIAN ELECTRICAL CODE, CITY OF WINNIPEG ELECTRICAL INSPECTION DEPARTMENT, AND PROVINCIAL RULES AND REGULATIONS. THE CONTRACTOR SHALL OBTAIN A PERMIT AND PAY FOR ALL ASSOCIATED FEES. THE CONTRACTOR SHALL PROVIDE A CERTIFICATE OF APPROVAL FROM THE ELECTRICAL INSPECTION DEPARTMENT ON COMPLETION OF THE WORK AND SUBMIT IT TO THE CONTRACT ADMINISTRATOR PRIOR TO FINAL INSPECTION OF THE WORK.
- 1 ELECTRICAL PANELS AND STARTERS:
 - INSTALL NEW NEMA 2 STARTERS FOR PU-1,2 MOTORS (7.5 HP EACH) WITH APPROPRIATE OVERLOAD PROTECTION.
 - REMOVE EXISTING BREAKERS FOR THE PANEL AND SUPPLY AND INSTALL NEW 60A 3P BREAKERS FOR EACH MOTOR.
 - SUPPLY AND INSTALL NEW 3/C #8 Cu IN CONDUIT FROM PANEL TO NEW STARTERS.
 - SUPPLY AND INSTALL NEW 3/C #8 TECK CABLE FROM STARTER TO NEW MOTORS. RECONNECT TO EXISTING CONTROLS.
 - 2 PROVIDE NEW 60A 3P UN-FUSED MOTOR DISCONNECTS AT MOTOR.



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Project
 WESTDALE POOL
 EQUIPMENT RELOCATION
 Sheet Title
**MECHANICAL
 ROOM PLAN**

AS NOTED
 1134 **M-1**