

PROJECT No: 15-0107-018 SHEET TITLE: POOL HOUSE & POOL PLAN DATE: YEARMMDD FILE NAME: 15-0107-018\_X01.dwgA1 ADDRESS: 590 RUE LANGEVIN

MECHANICAL SPECIFICATIONS:

1.0 GENERAL:

1.1 SCOPE OF WORK:

- 1. REPLACE EXISTING SKIMMERS
- 2. CORE OUT AND REPLACE EXISTING INLET (RETURN) FITTINGS.
- 3. SUPPLY AND INSTALL NEW AUTOMATIC POOL FILL SYSTEM.
- 4. PROVIDE NEW MAIN DRAINS.

1.2 SITE COORDINATION:

- 1. ACCESS TO THE SITE SHALL BE COORDINATED WITH CONTRACT ADMINISTRATOR.

1.3 DESCRIPTION WORK:

THE CONTRACTOR SHALL INCLUDE THE FURNISHING OF ALL LABOR, NEW MATERIALS, EQUIPMENT AND INSTALLATION OF EQUIPMENT AND SERVICES NECESSARY FOR AND INCIDENTAL TO THE COMPLETE INSTALLATION OF THE WORK SHOWN AND DESCRIBED ON THIS DRAWINGS AND TO THE SATISFACTION OF CONTRACT ADMINISTRATOR.

CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FOR REQUIRED WORK AND PAY ALL FEES.

WORK SHALL BE PERFORMED IN ACCORDANCE TO ALL APPLICABLE LOCAL CODES, STANDARDS AND REGULATIONS. CONTRACTOR TO COORDINATE ACCESS TO THE SITE WITH CONTRACT ADMINISTRATOR AND FOLLOW THEIR INSTRUCTIONS.

1.4 SUBMITTALS:

- SUBMIT SHOP DRAWINGS FOR APPROVAL FOR EQUIPMENT SPECIFIED.
- SUBMIT THREE (3) SETS OF O & M MANUALS.
- PROVIDE O & M TRAINING TO THE CONTRACT ADMINISTRATOR.
- AS-BUILTS OF INSTALLED SYSTEM. SUBMIT AS-BUILTS TO CONTRACT ADMINISTRATOR.

1.5 WORKMANSHIP:

WORKMANSHIP SHALL BE OF BEST QUALITY, EXECUTED BY WORKERS EXPERIENCED AND SKILLED IN RESPECTIVE DUTIES FOR WHICH THEY ARE EMPLOYED.

1.6 EXECUTION:

INSTALLATION OF EQUIPMENT:

TO MANITOBA BUILDING CODE, PLUMBING CODE, AND ALL LOCAL CODES, STANDARDS AND REGULATIONS.

INSTALL ALL EQUIPMENT SPECIFIED OR INDICATED ON DRAWINGS IN A MANNER THAT WILL ENSURE ITS SATISFACTORY OPERATION UPON COMPLETION AND ACCORDING TO MANUFACTURER'S INSTRUCTIONS.

THE SAFE DELIVERY TO THE SITE OF ALL MATERIALS SHALL BE ENTIRELY THE CONTRACTOR'S RESPONSIBILITY. MATERIALS AND EQUIPMENT SHALL BE HANDLED AT ALL TIMES WITH CARE TO AVOID DAMAGE.

FOLLOW APPROVED MANUFACTURER'S RECOMMENDATIONS FOR SAFETY, EASY ACCESS FOR INSPECTION, AND MANUFACTURER'S REPAIRS.

PERMIT EQUIPMENT MAINTENANCE AND DISASSEMBLY WITH MINIMUM DISTURBANCE TO ADJACENT EQUIPMENT AND WITHOUT INTERFERENCE WITH BUILDING STRUCTURE OR OTHER EQUIPMENT.

BEFORE COMMENCING THE INSTALLATION, THE CONTRACTOR SHALL CONFIRM RECEIPT OF AN APPROVED COPY OF THE MANUFACTURER'S DRAWINGS AND INSTALLATION MANUAL FOR THE INSTALLATION THEREOF.

DISCREPANCIES OR IRREGULARITIES IN THE WORK OR DEFECTS OR DAMAGES TO THE EQUIPMENT, ATTRIBUTABLE TO FAULTY OR INCORRECT INSTALLATION, SHALL BE RECTIFIED BY THE CONTRACTOR AT HIS OWN EXPENSE.

MAINTAIN ADEQUATE ACCESS TO PROJECT SITE. COORDINATE WORK TO MINIMIZE INTERFERENCE OR DISRUPTION TO THE CITY'S OPERATION.

MAINTAIN WORK IN TIDY CONDITION, FREE FROM ACCUMULATION OF WASTE PRODUCTS AND DEBRIS.

PROTECT EQUIPMENT AND DUCTWORK FROM ACCUMULATION OF DUST ETC. SEAL ALL DUCT OPENINGS DURING DUST PRODUCING ACTIVITIES.

1.7 PROJECT WARRANTY:

CONTRACTOR TO PROVIDE A COMPLETE ONE YEAR WARRANTY ON PARTS AND LABOR AFTER SUCCESSFUL START-UP.

INSPECTION AND TESTING:

THE WORK SHALL BE AT ALL TIMES AVAILABLE FOR INSPECTION BY THE CONTRACT ADMINISTRATOR. ALL WORK SHALL BE ACCORDANCE WITH AND SHALL BE INSPECTED TO MEET THE REQUIREMENTS OF THIS SPECIFICATION.

ALL STARTUP AND TESTING SHALL BE PERFORMED IN THE PRESENCE OF CONTRACT ADMINISTRATOR. NOTICE OF THE DATE OF WHEN TESTS SHALL BE PERFORMED MUST BE RECEIVED BY CONTRACT ADMINISTRATOR.

WORK SHALL BE NOT INSULATED OR CONCEALED PRIOR TO BEING TESTED OR APPROVED.

OPERATE SYSTEM FOR A SUFFICIENT PERIOD OF TIME TO INSURE COMPLETE ACCEPTANCE; DEFECTS SHALL BE REMEDIED AT CONTRACTOR'S EXPENSE.

2.0 PLUMBING PRODUCTS:

2.1 SCH.80 PVC PIPING:

SCH.80 PVC PIPING TO: ASTM D1785

2.2 PVC-DWV PIPING:

PVC-DWV PIPING AND FITTINGS:

- BURIED AND ABOVE GROUND PIPING TO: CAN/CSA-B1800.
- MECHANICAL JOINTS SOLVENT WELD FOR PVC TO: ASTM D2564.

2.3 DOMESTIC WATER (FILL LINE):

- COPPER TYPE L C/W 25mm INSULATION & PVC JACKET.

2.4 RPP BACKFLOW PREVENTER:

- 25mm REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER, INTERNAL PRESSURE RELIEF VALVE, RESILIENT SEATED ISOLATION VALVES, FOUR RESILIENT SEATED TEST COCKS AND AIR GAP DRAIN FITTING, THE ASSEMBLY SHALL MEET THE REQUIREMENTS OF: USC; ASSE STD. 1013, AWWA STD. C511-92; CSA B64.4
- ACCEPTABLE PRODUCT: "WATTS" SERIES 009

SKIMMERS:

AUTOMATIC WIDE MOUTH SKIMMER, BASKET W/ HANDLE, WEIR, DECK LID  
ACCEPTABLE PRODUCT: "HAYWARD"

MODEL: SP108520MD OR APPROVED EQUIVALENT IN ACCORDANCE WITH B7.

MAIN DRAINS:

VGB-2008 CERTIFIED MAIN DRAIN, RATED FOR 23 L/S (365 GPM), 150mm SIDE PORT, 300mmx300mm, 54% OPEN GRATE AREA, ONE PIECE INJECTION MOLDED UNIT. NSF LISTED.

ACCEPTABLE PRODUCT: "LAWSON AQUATICS"

MODEL: MLD-SE-12112 OR APPROVED EQUIVALENT IN ACCORDANCE WITH B7.

LEVEL CONTROLLER:

AUTOMATIC LEVEL CONTROLLER C/W 30m (100') SENSOR AND 25mm (1") SOLENOID VALVE, WALL MOUNT CONTROLLER SUITABLE FOR SEASONAL POOL APPLICATION, 110V INPUT TIME OUT SEQUENCE. ETL LISTED.

ACCEPTABLE PRODUCT: "JANDY"

MODEL: K1100CKC OR APPROVED EQUIVALENT IN ACCORDANCE WITH B7.

INLET FITTINGS:

BRONZE CONSTRUCTION C/W THREADED REMOVABLE DIFFUSER TO MATCH EXISTING. PROVIDE PLUGS FOR WINTERIZING.

NOTES:

THESE DRAWINGS SHALL NOT BE SCALED.

THE CONTRACTOR SHALL VISIT THE SITE AND SATISFY ONESELF ALL DIMENSIONS, DATUM, AND DETAILED INFORMATION SHOWN ARE CORRECT.

THE CONTRACTOR IS TO REVIEW AND COORDINATE ALL ARCHITECTURAL, MECHANICAL, ELECTRICAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL OPENINGS THROUGH FLOORS, WALLS, AND CEILINGS FOR DUCT, PIPE & ELECTRICAL RISERS AND ALL OPENINGS NOT SHOWN ON DRAWINGS.

ALL OPENINGS THROUGH FIRE ASSEMBLIES ARE TO BE FIRE STOPPED AND SEALED WITH ULC APPROVED FIRE STOPPING TO MAINTAIN THE INTEGRITY OF THE FIRE SEPARATION, AND PROVIDE A SMOKE-TIGHT BARRIER.

ALL PRODUCTS AND MATERIALS TO BE USED AND INSTALLED SHALL CONFORM WITH MANUFACTURER'S SPECIFICATIONS & APPLICABLE CODES.

THE CONTRACTOR SHALL BE RESPONSIBLE TO PATCH AND MAKE GOOD ALL EXISTING CONSTRUCTION AFFECTED BY THE REMOVAL OF ALL ITEMS FORMING THE PART OF THE RENOVATION WORK.

WHERE NEW FLOORING AND BASE IS TO BE INSTALLED IN EXISTING AREAS (REFER TO FLOOR PLAN AND ROOM SCHEDULE) THE EXISTING FLOORING SURFACE AND BASE MUST BE REMOVED, UNLESS OTHERWISE NOTED. ALL FLOOR SURFACES SHALL BE PREPARED IN ACCORDANCE TO MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION OF NEW FLOOR.


WHERE PAINTING OF EXISTING WALLS IS INDICATED ON THE ROOM SCHEDULE, THESE WALLS MUST BE CLEANED OF ANY EXISTING WALL COVERING, PATCHED & PREPARED TO ACCEPT NEW MATERIAL, UNLESS OTHERWISE NOTED.

0	ISSUED FOR CONSTRUCTION		16.04.20
No.	REVISION/DESCRIPTION	BY	DATE

SEAL



DRAWN	ML	CHECKED	DESIGNED	MAP	APPROVED
DATE: YEARMMDD		USER			
		APPROVAL			

 THE CITY OF WINNIPEG  
PLANNING, PROPERTY AND  
DEVELOPMENT DEPARTMENT  
MUNICIPAL ACCOMMODATIONS DIVISION  
3-65 GARRY STREET, R3C 4K4

PROJECT  
PROVENCHER OUTDOOR POOL  
POOL REHABILITATION

590 RUE LANGEVIN

SHEET TITLE

MECHANICAL  
SPECIFICATIONS

SCALE	PROJECT No:	SHEET No:
AS SHOWN	15-0107-018	M05

SCALE VERIFIED BY: ML

