



N
SITE PLAN - MECHANICAL
 SCALE 1:250

MECHANICAL LEGEND	
	SHUT-OFF VALVE
	BUTTERFLY VALVE
	SOLENOID VALVE
	CONTROL VALVE
	3-WAY VALVE
	CHECK VALVE
	MANUAL BALANCING VALVE
	PRESSURE REDUCING VALVE
	PRESSURE RELIEF VALVE
	VALVE IN RISER
	STRAINER
	STRAINER W/ BLOWDOWN VALVE
	UNION
	REDUCER
	HOSE BIBB
	THERMOMETER
	AUTO AIR VENT
	DIRECTION OF FLOW
	PUMP
	BACK DRAFT DAMPER
	MANUAL BALANCING DAMPER
	FIRE DAMPER
	MOTORIZED DAMPER
	TURNING VANES
	SUPPLY/MAKE-UP/ AIR DUCT SHAFT
	RETURN/EXHAUST/OUTSIDE/RELIEF AIR DUCT SHAFT
	SUPPLY/MAKE-UP AIR DUCT
	RETURN/EXHAUST/RELIEF AIR DUCT
	ROUND SUPPLY DUCT RISER UP/DOWN
	ROUND RETURN/EXHAUST/RELIEF AIR RISER UP/DOWN
	DOOR GRILLE
	DOOR UNDERCUT
	THERMOSTAT
	SANITARY WASTE ABOVE FLOOR OR GRADE
	SANITARY WASTE BELOW FLOOR OR GRADE
	SUMP PUMP/SEWAGE PUMP DISCHARGE LINE
	VENT LINE
	DOMESTIC COLD WATER
	DOMESTIC HOT WATER
	DOMESTIC HOT WATER RECIRCULATION LINE
	NATURAL GAS
	VENT THRU ROOF
	FLOOR DRAIN
	CLEANOUT

DRAWING NOTES: (#)

- EXISTING BURIED 2" GAS MAIN TO REMAIN. VERIFY EXACT LOCATION ON SITE.
- CONNECT NEW GAS SERVICE TO EXISTING. BY GAS UTILITY.
- NEW GAS SERVICE BY GAS UTILITY COMPANY. MECHANICAL CONTRACTOR TO COORDINATE.
- CONNECT TO NEW GAS SERVICE/METER ETC. DRAWING M1-1. COORDINATE WITH GAS UTILITY.
- NEW SEWER. COORDINATE INSTALLATION WITH SITE SERVICES. REFER TO N.D. LEA SITE PLAN.
- NEW UNDERGROUND ELECTRICAL SHOWN FOR COORDINATION.
- CONNECT TO NEW WATER MAIN. COORDINATE INSTALLATION WITH SITE SERVICES. REFER TO N.D. LEA SITE PLAN.
- REFER TO DRAWING M1-1 FOR CONNECTION TO WATER MAIN RISING IN FROST BOX.

REVISIONS		
NO.	DATE	PARTICULARS
1	05-03-23	EXPANDED TENDER

NOTES

Certificate of Authorization
 SMS Engineering Ltd.
 No. 166 Expiry April 30, 2004
SMS ENGINEERING
 SMS Engineering Ltd. Consulting Engineers
 770 Bradford Street Winnipeg MB Canada R3H 0K3
 Telephone 204.775.0291 Fax 204.772.2153
 sms@smseng.mb.ca
 03-514-01
 PROFESSIONAL SEALS

 ORIGINAL CONTRACT DRAWING
 SIGNED AND SEALED BY
 S. V. WALKES P. ENG.
 MARCH 23, 2005

THIS DRAWING MUST NOT BE SCALED.
 THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND OTHER DATA ON SITE PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DISCREPANCIES, ERRORS, AND OMISSIONS ARE TO BE REPORTED TO THE ARCHITECT.
 DRAWING AND SPECIFICATIONS, AS INSTRUMENTS OF SERVICE, ARE THE PROPERTY OF SMS ENGINEERING LTD. AND WILL BE RETURNED TO THE ARCHITECT UPON COMPLETION OF THE PROJECT. NO REPRODUCTION MAY BE MADE WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT AND SUCH PERMISSION MUST BE OBTAINED PRIOR TO ANY REPRODUCTION. ALL RIGHTS ARE RESERVED BY THE ARCHITECT ON REQUEST.

200 -141 Bannatyne Avenue, Winnipeg, Manitoba R3B 0K3
 Telephone - 204.956.0938 Facsimile - 204.943.5597

PROJECT TITLE
**RED RIVER
 COMMUNITY CENTRE
 REDEVELOPMENT**

LOCATION
 WINNIPEG, MB
 293 MURRAY AVENUE
 CLIENT
 THE CITY OF WINNIPEG

DRAWING TITLE
SITE PLAN - MECHANICAL

DRAWN MF	APPROVED VSW	DRAWING MO-1
SCALE 1:250	DATE ISSUED 05-03-23	REVISION R-1
JOB NUMBER 03-514-01	DATE PLOTTED 05-03-23	