



**1 PARTIAL SITE PLAN**  
N.T.S.

**LEGEND**

	FLUORESCENT LUMINAIRE
	SINGLE POLE SINGLE THROW SWITCH
	DUPLEX RECEPTACLE
	JUNCTION/OUTLET BOX
	CIRCUIT BREAKER, 15A, UNLESS OTHERWISE NOTED.
	GROUND
	SURFACE MOUNTED PANELBOARD
	SURFACE MOUNTED TWIN PANELBOARD
	TRANSFORMER (PLAN SYMBOL)
	TRANSFORMER (SINGLE LINE SYMBOL)
	MOTOR CONNECTION
	DISCONNECT SWITCH
	CUSTOMER METERING
	THERMOSTAT
	GAS FIRED UNIT HEATER
	EXIT LIGHT - SHADED AREA DENOTES FACE

**SHEET KEYNOTES**

- 1 APPROXIMATE LOCATION OF THE EXISTING MAIN SERVICE PAD AND DISTRIBUTION. SEE DRAWINGS E-2 AND E-3 FOR MODIFICATIONS.
- 2 EXISTING UNDERGROUND MAIN FEEDER TO BE UPGRADED. DISCONNECT AND REMOVE EXISTING POWER FEEDER CABLE. SUPPLY AND INSTALL NEW 4#800MCM AND #3/0 GROUND WIRE. CONTRACTOR TO CARRY \$30,000 ALLOWANCE FOR ALTERNATE ROUTING. IF EXISTING CONDUIT ROUTING IS NOT VIABLE FOR RE-USE OR TO PULL THE NEW POWER CABLE. DETAIL TRENCHING AND BACKFILLING BY CONTRACTOR. DETAIL PAVING AND OTHER ASSOCIATED BUILDING SIDE DETAILS TO MAINTAIN THE ORIGINAL INTEGRITY OF EXISTING SITE CONDITIONS BY OTHERS. COORDINATE POWER SHUTDOWN WITH THE CITY. SEE DRAWING E-2 AND E-3 FOR DETAILS.
- 3 NEW NEMA 4X PANEL 'CDP' APPROXIMATE LOCATION.

**GENERAL NOTES**

1. ELECTRICAL SUBCONTRACTOR TO VISIT SITE PRIOR TO SUBMITTING BID, REVIEW EXISTING SITE THOROUGHLY AND CONFIRM PERTINENT EXISTING DEVICE LOCATIONS, WIRING ROUTING FOR DEMOLITION AND RENOVATION WORK. NO ADDITIONAL COSTS WILL BE CONSIDERED FOR ITEMS THAT WOULD HAVE BEEN OBSERVED ON SITE.
2. FLOOR PLANS AND ELECTRICAL SYSTEMS ARE BASED ON EXISTING DRAWING. CONTRACTOR TO VERIFY EXISTING SITE CONDITION AND ELECTRICAL SYSTEMS TO BE FAMILIARIZED WITH THE WORK.
3. THE DRAWINGS ONLY SHOW A GENERAL SCHEMATIC OF NEW SYSTEMS. ROUTING OF CONDUITS/CABLES AND LOCATION. ACTUAL SITE CONDITIONS MAY CHANGE THE INTENDED ROUTING AND ADJUSTMENTS WILL BE NECESSARY. THE MODIFICATIONS SHALL COMPLY WITH LATEST EDITION OF CEC AND LOCAL REGULATION.
4. WHERE EXISTING WIRING HAS BEEN INSTALLED THROUGH PROPOSED DEMOLITION AND RENOVATION AREA, EQUIPMENT SHALL REMAIN OPERATIONAL. WHERE CONFLICT CANNOT BE AVOIDED, EXISTING WIRING SHALL BE MODIFIED AS DEEMED NECESSARY TO SUIT THE SITE CONDITION.
5. DO NOT SCALE DRAWINGS. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO ELECTRICAL INSTALLATION AND REPORT ANY DISCREPANCY TO THE CONTRACT ADMINISTRATOR.
6. THE ELECTRICAL WORK IS DIAGRAMMATIC AND IS INTENDED TO CONVEY SCOPE AND GENERAL ARRANGEMENT ONLY.
7. INSTALL ALL ELECTRICAL EQUIPMENT IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS, CONTRACT DOCUMENTS, AND APPLICABLE CODES AND REGULATIONS.
8. PROVIDE ALL MATERIAL, EQUIPMENT AND PERFORM ALL LABOR REQUIRED TO INSTALL COMPLETE AND OPERABLE ELECTRICAL SYSTEMS AS INDICATED ON THE DRAWINGS, TO THE APPROVAL OF ALL LOCAL AND PROVINCIAL CODES, REGULATIONS AND THE LOCAL INSPECTORS.
9. DISRUPT THE FUNCTIONALITY OF SYSTEMS ONLY AS ACCEPTABLE BY THE CITY. PROVIDE NOTICE AND COORDINATE WORK WITH ALL PARTIES TO MINIMIZE DISRUPTION.
10. POWER INTERRUPTION SHALL BE KEPT TO A MINIMUM. ELECTRICAL SUBCONTRACTOR SHALL ADVISE THE CITY PRIOR TO ANY SHUTDOWN NECESSARY FOR WORK AND COORDINATE SUITABLE TIME FOR WORK.
11. ANY MATERIALS BEING REMOVED SHALL BE OFFERED TO THE CITY. ACCEPTED MATERIALS SHALL BE PLACED ON SITE AT THE CITY'S DIRECTION. DECLINED MATERIALS SHALL BE REMOVED FROM SITE TO APPROPRIATE RECYCLING FACILITY BY ELECTRICAL SUBCONTRACTOR. NO ADDITIONAL COST WILL BE CONSIDERED FOR ITEM THAT IS REQUIRED TO BE DISPOSED.
12. COORDINATE CONSTRUCTION OF ALL ELECTRICAL WORK WITH MECHANICAL, ARCHITECTURAL, STRUCTURAL, CIVIL WORK ETC.
13. THE CONTRACTOR SHALL GUARANTEE ALL WORK AND EQUIPMENT UNDER THIS CONTRACT FOR A PERIOD OF 12 MONTHS AFTER FINAL PERFORMANCE OF CONTRACT IS ISSUED AND HANDED OVER TO THE CITY.
14. SHOULD TEMPORARY POWER CONNECTIONS BE REQUIRED TO MAINTAIN SERVICE DURING WORK IN BUILDING. SUPPLY AND INSTALL ALL NECESSARY MATERIAL, EQUIPMENT AND LABOR AT NO EXTRA COST TO CLIENT. SHOULD ANY SYSTEM BE DAMAGED, MAKE FULL REPAIRS WITHOUT EXTRA COST TO THE CITY AND TO THE SATISFACTION OF THE CITY AND THE CONTRACT ADMINISTRATOR.
15. WHERE CABLES AND CONDUITS HAVE BEEN INSTALLED THROUGH EXISTING FIRE RATED WALLS. ELECTRICAL SUBCONTRACTOR SHALL SEAL OPENINGS AROUND CABLES AND CONDUITS TO MAINTAIN EXISTING FIRE RATING. USE ULC RATED SYSTEM FOR EACH PENETRATION, AS SPECIFIED.

**EXISTING SITE CONDITION**

THE ASSESSMENT AND ANY POTENTIAL REQUIRED UPGRADING OF THE EXISTING ROOF FRAME STRUCTURE OF THIS BUILDING HAS NOT BEEN INCLUDED IN THE SCOPE OF THIS PROJECT AS HAS BEEN DIRECTED BY THE CLIENT - THE CITY OF WINNIPEG. THE CONTRACTORS SHALL NOT ADD ANY LOAD TO THE EXISTING ROOF STRUCTURE FOR ANY REASON BEYOND SPECIFIED IN THE PROJECT PLANS AND SPECIFICATIONS WITHOUT APPROPRIATE REVIEW AND APPROVAL OF A PROFESSIONAL ENGINEER.

**ASBESTOS CONTAINING MATERIALS ARE PRESENT ON-SITE.**

REFER TO PROJECT SPECIFICATIONS. ANY SUSPECT ASBESTOS-CONTAINING MATERIALS SHALL BE CONSIDERED AS ASBESTOS-CONTAINING UNTIL DETERMINED OTHERWISE.

**FOR PRICING ONLY**  
NOT FOR CONSTRUCTION

B.M. ELEV.					
DESIGNED BY	D.G/S.N	CHECKED BY	R.M		
DRAWN BY	O.N	APPROVED BY	R.M		
0 ISSUED FOR PRICING	2012/06/22	R.M.			
B ISSUED FOR FINAL REVIEW	2012/06/16	R.M.			
A ISSUED FOR CLIENT REVIEW	2012/07/24	R.M.			
NO. REVISIONS	DATE	BY	DATE	2012/06/26	



ENGINEERS SEAL
CONSULTANT DRAWING NO. 121-19259-00



**THE CITY OF WINNIPEG**  
WATER AND WASTE DEPARTMENT

HVAC AND ELECTRICAL UPGRADE  
552 PLINGUET STREET  
WASTEWATER SERVICES GARAGE AND ADJACENT BUILDINGS

CITY DRAWING NO.  
SHEET 7 OF 10

SITE PLAN, LEGEND AND GENERAL NOTES

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