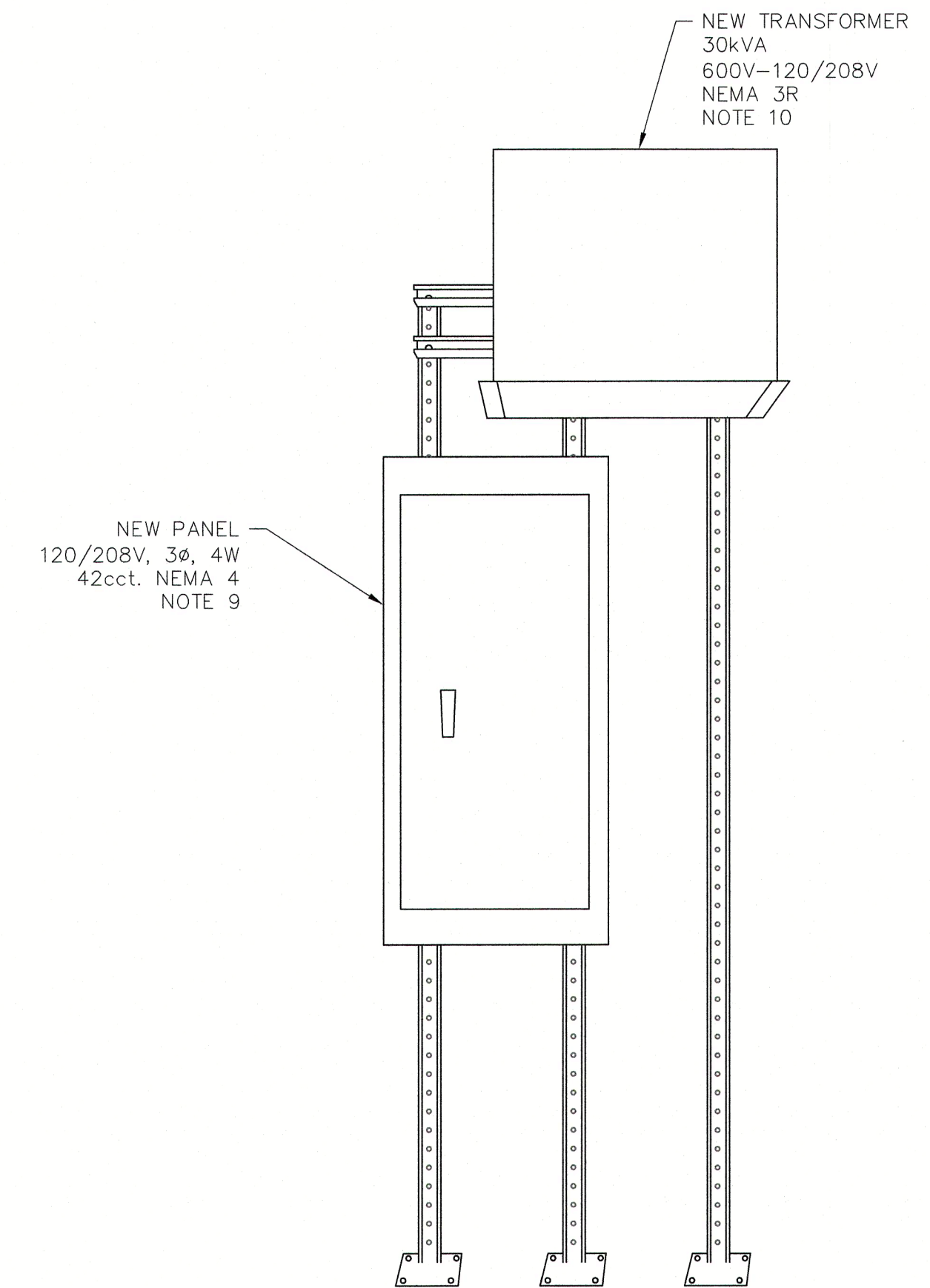


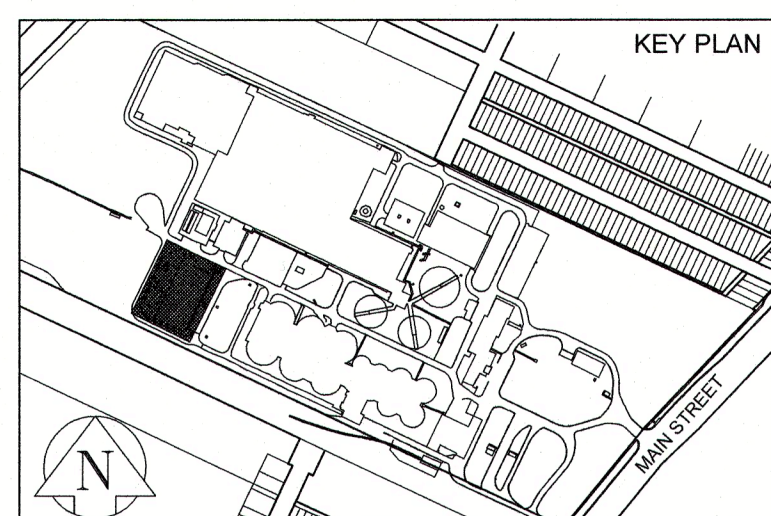
SITE PLAN
SCALE : 1:200



TRANSFORMER AND PANEL ELEVATION
SCALE : N.T.S.

NOTES:

1. PROVIDE A COMPLETE SYSTEM OF CABLE TRAYS REQUIRED TO FULLY SUPPORT ALL CABLE AND CONDUIT THROUGHOUT THE FACILITY. SYSTEM SHALL PROVIDE SEPARATE TRAYS OR BARRIERS FOR 600 VAC SYSTEMS, 120 VAC SYSTEMS AND 24 VDC SYSTEMS. SYSTEM SHALL BE COMPLETE WITH ALL SUPPORTS AND HANGERS AND NECESSARY FOR THE INSTALLATION.
2. COORDINATE THE LOCATION OF THE SUPPORT CHANNELS SO AS NOT TO INTERFERE WITH OTHER SERVICES.
3. NOT ALL CABLE TRAY REQUIRED IS INDICATED ON THE DRAWINGS. PROVIDE ADDITIONAL TRAY AS REQUIRED TO FULLY SUPPORT ALL CABLE AND CONDUIT THROUGHOUT THE FACILITY.
4. SUBMIT SHOP DRAWINGS AND PRODUCT DATA.
5. PROVIDE DETAILED LAYOUT PLANS INDICATING CABLE TRAY LOCATIONS, SIZES, BARRIERS AND SUPPORTS.
6. USE ALUMINUM TRAY WITH COVERS. CLASS C1 TO CSA C22.2 NO. 126.1 WITH 300mm RUNG SPACING, 150mm SIDE RAILS AND WIDTH AS REQUIRED TO PREVENT CABLE DE-RATING. THE CONTRACTOR IS RESPONSIBLE FOR INCREASING CABLE SIZES DUE TO DE-RATING FACTORS FROM CABLE SPACE.
7. PROVIDE STAINLESS STEEL ROD HANGER CLAMPS, ROD HANGERS, WALL MOUNTING SUPPORT BRACKETS AND ALL NECESSARY ACCESSORIES FOR COMPLETE INSTALLATION.
8. INSTALL UNISTRUT AS REQUIRED TO SUIT NEW ELECTRICAL PANEL AND TRANSFORMER, MATCH EXISTING. EXACT LOCATION OF TRANSFORMER AND PANEL TO BE DETERMINED ON SITE.
9. STANDARD OF ACCEPTANCE: EATON POW-R-LINE 1A IN NEMA 4 OR BETTER ENCLOSURE OR APPROVED EQUAL IN ACCORDANCE WITH B7.
10. STANDARD OF ACCEPTANCE: EATON CSL-3 IN NEMA 3R ENCLOSURE OR APPROVED EQUAL IN ACCORDANCE WITH B7.



AECOM
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date: *Apr 05 2016*

NO.	ISSUED FOR TENDER: BID OP 145-2016	DATE	BY
00	ISSUED FOR TENDER: BID OP 145-2016	16/04/06	RC
	REVISIONS	DATE	BY

AECOM

DESIGNED BY	RB	CHECKED BY	RB
DRAWN BY	RC	APPROVED BY	RB
SCALE:		RELEASED FOR CONSTRUCTION	
HORIZONTAL	NONE		
VERTICAL	NONE		
DATE	2016 04 07	DATE	

PROVINCE OF MANITOBA
BOGDANOV
Member
33564
REGISTERED PROFESSIONAL ENGINEER

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

**2016 NEWPCC
SBR UPGRADES
ELECTRICAL
SITE PLAN**

CONSULTANT DRAWING NUMBER: **E-1001**

CITY DRAWING NUMBER: **1-0101C-E0020-001-00**

SHEET **17** OF **18**