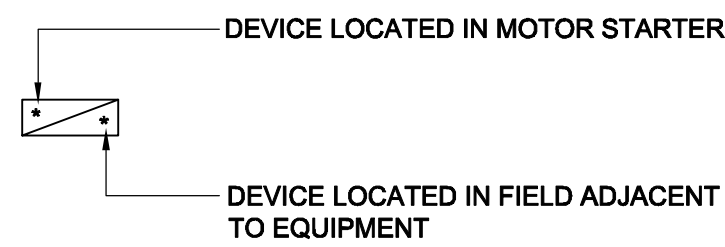


MOTOR/EQUIPMENT SCHEDULE

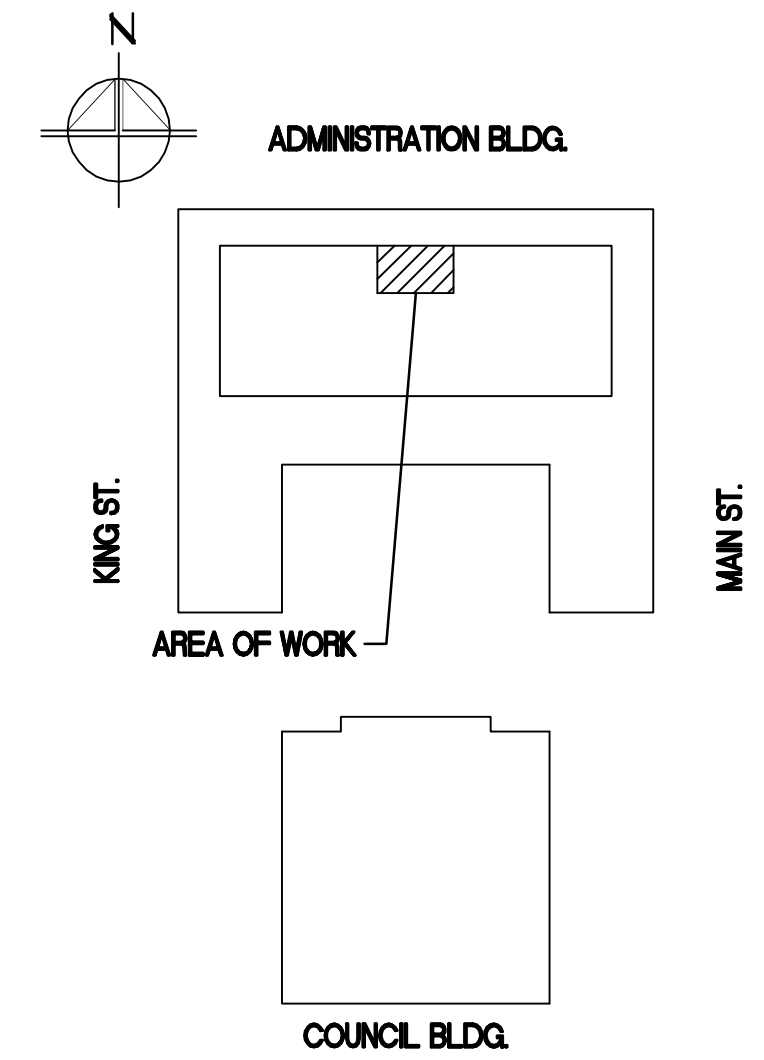
MOTOR				STARTER							PANEL		POWER			DETAIL DWG. WIRE DIAGRAM	REMARKS	
EQUIP. NO.	DESCRIPTION	EQUIP. LOAD	VOLT/Ø	SIZE	TYPE	MAN.	MAG.	S/S	PL	HOA	OVERCURRENT DEVICE	LOCATION	PANEL	CCT	FEEDER			CONDUIT SIZE
TR #1	TRANSFORMER TR #1 C/W CHILLER #1	220KVA	600/3										5D6-100		3-1/C 350MCM RW90	63mm	300A-3P BREAKER	TR #1: 220KVA, 600V-480V, 3 PHASE
TR #2	TRANSFORMER TR #2 C/W CHILLER #2	220KVA	600/3										5D6-100		3-1/C 350MCM RW90	63mm	300A-3P BREAKER	TR #2: 220KVA, 600V-480V, 3 PHASE
CH-3	CHILLER #3	70 HP	600/3										5D6-100		3-1/C #1 AWG RW90	35mm	200A-3P BREAKER	
P-19	PUMP P-19, INVERTER DUTY MOTOR	30 HP	600/3		VFD								MCC-1A		3-1/C #8 AWG RW90	21mm	70A-3P BREAKER	ABB 550 SERIES VFD
P-20	PUMP P-20, INVERTER DUTY MOTOR	30 HP	600/3		VFD								MCC-1A		3-1/C #8 AWG RW90	21mm	70A-3P BREAKER	ABB 550 SERIES VFD
P-21	PUMP P-21, INVERTER DUTY MOTOR	30 HP	600/3		VFD								MCC-1A		3-1/C #8 AWG RW90	21mm	70A-3P BREAKER	ABB 550 SERIES VFD
P-22	PUMP P-22, INVERTER DUTY MOTOR	30 HP	600/3		VFD								MCC-1A		3-1/C #8 AWG RW90	21mm	70A-3P BREAKER	ABB 550 SERIES VFD
P-23	CH-3 PUMP - CONDENSER SIDE	3 HP	600/3										MCC-1A		3-1/C #12 AWG RW90	16mm	15A-3P BREAKER	
P-24	CH-3 PUMP - EVAPORATOR SIDE	1 HP	600/3										MCC-1A		3-1/C #12 AWG RW90	16mm	15A-3P BREAKER	
F-1	SIDE - STREAM FILTRATION SYSTEM	5 HP	600/3										MCC-1A		3-1/C #12 AWG RW90	16mm	15A-3P BREAKER	
P-25	HP-1 PUMP	0.33 HP	208/3										PNL NPP-1		3-1/C #12 AWG RW90	16mm	15A-3P BREAKER	
HP-1	HEAT PUMP #1	MCA=37.10A	208/3										PNL NPP-1		3-1/C #8 AWG RW90	21mm	50A-3P BREAKER	



LEGEND	
	POWER PANEL
	MCC
	CIRCUIT BREAKER
	TRANSFORMER
	DISCONNECT SWITCH
	FUSED DISCONNECT SWITCH
	MOTOR RATED SWITCH
	MOTOR STARTER
	MOTOR
	VARIABLE FREQUENCY DRIVE
	DEMOLITION
	EXISTING
	NEW
	EQUIPMENT OUTLINE

ABBREVIATION	
E	EXISTING ITEM TO REMAIN
ER	EXISTING ITEM TO BE REMOVED
N	NEW ITEM

- NOTES:
- 1 ALL OVERCURRENT AND DEVICE SIZES SHOWN ON MOTOR/EQUIPMENT SCHEDULE ARE PRELIMINARY. COORDINATE WITH EQUIPMENT SUPPLIER.
 - 2 PACKAGE UNIT COME COMPLETE WITH MOTOR STARTERS.
 - 3 ALL DISCONNECT SWITCHES TO COME COMPLETE WITH PAD LOCKABLE HASP.



AECOM

This drawing has been prepared for the use of AECOM's client and may not be used, reproduced or relied upon by third parties, except as agreed by AECOM and its client, as required by law or for use by governmental reviewing agencies. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that modifies this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from stated dimensions.

1	ISSUED FOR ADDENDUM 1	SS	2011.11.19
0	ISSUED FOR TENDER	SS	2011.11.09

No.	REVISION/DESCRIPTION	BY	DATE
-----	----------------------	----	------

SEAL

DRAWN	QC	CHECKED	AL	DESIGNED	QL	APPROVED	SS
DATE	2011.08.02	USER APPROVAL					

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

PROJECT
 ADMINISTRATION & COUNCIL BUILDING
 REPLACEMENT OF COOLING PLANT - 510 MAIN STREET
 BID OPPORTUNITY NO. 673-2011
 510 MAIN STREET, WINNIPEG, MANITOBA

SHEET TITLE

ELECTRICAL
MOTOR SCHEDULE,
LEGEND AND ABBREVIATION

SCALE	PROJECT No:	SHEET No:
NTS	60220937	E-001

DRAWING SHEET SIZE: A1 (841mm x 594mm) PLOT 1:1

APEGN
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date: _____

DRN	CHK	DES	ENG	IDR

AECOM REVIEW