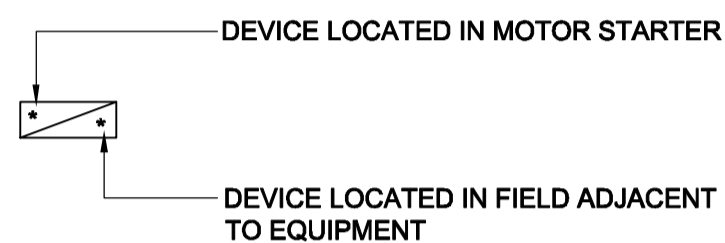


MOTOR/EQUIPMENT SCHEDULE

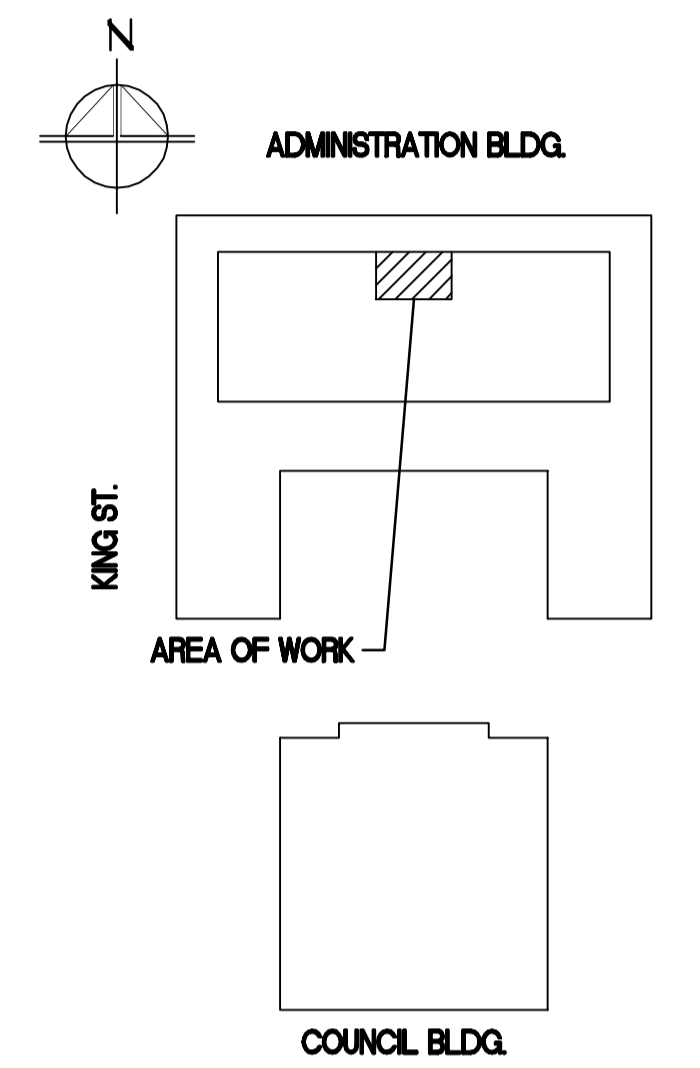
EQUIP. NO.	MOTOR DESCRIPTION	EQUIP. LOAD	VOLT/Ø	STARTER							OVERCURRENT DEVICE	LOCATION	PANEL		POWER			DETAIL DWG. WIRE DIAGRAM	REMARKS
				SIZE	TYPE	MAN.	MAG.	S/S	PL	HOA			PANEL	CCT	FEEDER	CONDUIT SIZE	DISCONNECT TYPE		
TR #1	TRANSFORMER TR #1 C/W CHILLER #1	220KVA	600/3										5D6-100		3-1/C 350MCM 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 EA		3-1/C #12 AWG RW90	16mm	15A-3P BREAKER		
HP-1	HEAT PUMP #1	MCA=37.10A	208/3										PNL EA		3-1/C #8 AWG RW90	21mm	80A-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.



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0	ISSUED FOR TENDER	SS	2011.11.03
No.	REVISION/DESCRIPTION	BY	DATE

SEAL

DRAWN	CL	CHECKED	AL	DESIGNED	QL	APPROVED	SS
DATE	2011.09.02	USER APPROVAL					

Winnipeg 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

**APEGM**  
 Certificate of Authorization  
 AECOM Canada Ltd.  
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DRN	CHK	DES	ENG	IDR

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