

FIXTURE SCHEDULE					
TYPE	MANUFACTURER	CATALOGUE NUMBER	LAMPS	VOLTS	REMARKS
AR	CFI LITHONIA DAY-BRITE	DPA2G18LP332 2PM3N-GB-332-18-LD 2P3C-GS-332-36	3 F32 T8	120	RECESSED PARABOLIC 18 CELL 2'x4' IN T-BAR CEILING C/W LOW IRIDESCENT ANODIZED DIFFUSER CENTRE LAMPS TO BE SEPARATELY SWITCHED
AR	CFI LITHONIA DAY-BRITE	DPA2G18LP332 2PM3N-GB-332-18-LD 2P3C-GS-332-36	3 F32 T8	120	RECESSED PARABOLIC 18 CELL 2'x4' IN T-BAR CEILING C/W LOW IRIDESCENT ANODIZED DIFFUSER C/W DIMMABLE BALLAST
BB	CFI LITHONIA DAY-BRITE	AA2WB-V8 2078232A12125 2095-232-F501	2 F32 T8	120	RECESSED 2'x4' IN T-BAR CEILING C/W CAM ACTION HINGED FRAMED .125" K12 ACRYLIC LENS
KE	CFI LITHONIA DAY-BRITE	EE248 R-232 INDS-232	2 F32 T8	120	2 LAMP STRIP C/W SOLID REFLECTORS, SURFACE MOUNTED OR CHAIN SUSPENDED
LE	CFI LITHONIA DAY-BRITE	SB-248 P232 STRIP-5-232	2 F32 T8	120	2 LAMP STRIP SURFACE MOUNTED, CHAIN SUSPENDED OR MOUNTED IN VALANCE
WA	CFI	1102P2632VG/1105	1-26W DTT	120	RECESSED 1 LAMP FLUORESCENT POT LIGHT C/W BLACK MULTIGROOVE BAFFLE, WHITE TRIM RING 6 1/2" Ø OPENING
WB	CFI	7126HF/8056MG	1-26W DTT	120	RECESSED 1 LAMP FLUORESCENT POT LIGHT C/W CLEAR ALZAK REFLECTOR, WHITE TRIM RING C/W DIMMABLE BALLAST 7 3/8" Ø OPENING
WC	CFI	7126HF/8056MG	1-26W DTT	120	RECESSED 1 LAMP FLUORESCENT POT LIGHT C/W CLEAR ALZAK REFLECTOR, WHITE TRIM RING 7 3/8" Ø OPENING
XA	LEVITON COOPER	49875 604	1-100W A19	120	PORCELAIN LAMPHOLDER C/W CLAMP-ON WRECGUARD
XB	CFI	302MREX/3785TX	1-50W MR16	120	RECESSED POT LIGHT C/W ADJUSTABLE ELBOW UP TO 70° VERTICALLY AND 360° HORIZONTALLY C/W DIMMABLE BALLAST STAINLESS STEEL FINISH
SA				120	TO MATCH EXISTING
E-1	EMERGI-LITE LUMMAID LUMACELL	LPEX52-W-EM EX-AL-1-LED LER450-WH	LED	120	SINGLE FACE LED LIGHT BAR EXIT LIGHT C/W UNIVERSAL CANOPY & PUNCH OUT ARROWS METAL FINISH

HEATER SCHEDULE					
TYPE	MANUFACTURER	CATALOGUE NUMBER	WATTS	VOLTS	DESCRIPTION
BB	CHROMALOX OUELLET Q-MARK STELPRO	BN280521 F0508 OMK2606NW NS-V-8	500	208V/1Ø	BASEBOARD CONVECTION HEATER IVORY COLOUR 562mm LONG
BF	CHROMALOX OUELLET Q-MARK STELPRO	BN661521 F1508 OMK2606NW N15-V-8	1500	208V/1Ø	BASEBOARD CONVECTION HEATER IVORY COLOUR 1682mm LONG
BH	CHROMALOX OUELLET Q-MARK STELPRO	BN842021 F2008 OMK2606NW N20-V-8	2000	208V/1Ø	BASEBOARD CONVECTION HEATER IVORY COLOUR 2134mm LONG
ED	CHROMALOX OUELLET Q-MARK STELPRO	RF1-840031 OAK04008 CW13404 WF401-2	3000	208V/1Ø	WALL INSERT HEATER IVORY COLOUR
GC	CHROMALOX OUELLET Q-MARK STELPRO	ELW-BHT OAS04008 MUJH5004 U4002A	4000	208V/1Ø	BLOWER UNIT HEATERS C/W WALL CEILING MOUNTING BRACKETS IVORY EXTERIOR
TA	CHROMALOX OUELLET Q-MARK STELPRO	BLT F-TB2 TAZANWRC N211		208V/1Ø	BUILT-IN THERMOSTAT 2-POLE BI-METAL SWITCH RATED @ 17A
TC					CONNECT TO ADJACENT CONTROLLED HEATER
TD	CHROMALOX OUELLET Q-MARK STELPRO	TD902 T-498B T498B R432B2		208V/1Ø	WALL MOUNTED LINE VOLTAGE THERMOSTAT 2-POLE RATED @ 16A DIVISION 16 TO WIRE AND CONNECT
TE	CHROMALOX OUELLET Q-MARK STELPRO	T86A/RB-LVC T86A/R841C T86A/LTR-1 T86A/R-841C			WALL MOUNTED LOW VOLTAGE THERMOSTAT TO CONTROL HEATER C/W L.V. RELAY & TRANSFORMER DIVISION 16 TO WIRE AND CONNECT
TF	CHROMALOX OUELLET Q-MARK STELPRO	BL-LVD R841D OMK85A R-841D			LOW VOLTAGE RELAY AND TRANSFORMER BUILT INTO HEATER C/W AUXILIARY CONTROL BY DIV. 15

MOTOR SCHEDULE												
MOTOR NO.	DESCRIPTION	LOCATION	KW	H.P.	VOLTS	STARTER & ACCESS			CIRCUIT	STARTER LOCATION	FEEDER SIZE	REMARKS
						MAN.	MAG.	P.L. H.O.A.				
AHU-1	AIR HANDLING UNIT	OUTDOORS SOUTH SIDE OF BLDG	26 FLA	-	208V 3Ø				C-58,59,60	PACKAGED UNIT	3#6	PACKAGED UNIT BY DIV. 15
AHU-2	AIR HANDLING UNIT	OUTDOORS SOUTH SIDE OF BLDG	19 FLA	-	208V 3Ø				C-61,62,63	PACKAGED UNIT	3#10	PACKAGED UNIT BY DIV. 15
EF-1	EXHAUST FAN	TRAINING AND MEETING ROOM R101	50W	-	120V 1Ø				C-67	SWITCH BY DOOR	2#12	
F-1	VENTILATION FAN	CRAWLSPACE	80W	-	120V 1Ø	✓	✓		C-64	AS SHOWN	2#12	WIRE AND CONNECT TO HUMIDISTAT

PANEL BOARD SCHEDULE											
PROJECT: FLEET MANAGEMENT OFFICES		FILE: 06-520-01		PANEL: C		PANEL FLUSH		SMS ENGINEERING			
PANEL: LIGHTS COOPER AREA R110		VOLT/PANEL: 120/208V, 3Ø, 4Ø		CAPACITY: 225A							
NO.	ITEM	QTY	UNIT	NO.	ITEM	QTY	UNIT	NO.	ITEM	QTY	UNIT
1	EXIT LIGHTS	50	15A	22	RECEPTACLE - COOPER	18	15A				
2	LIGHT LIGHTS & BATTERY BANK BB-1	305	15A	23	RECEPTACLE - ROOM R101	18	15A				
3	RECEPTACLE			24	RECEPTACLE - ROOM R110	58	15A				
4	RECEPTACLE			25	RECEPTACLE - MICROWAVE	18	800	15A			
5	RECEPTACLE			26	RECEPTACLE - ROOM R101	1/2Ø	1000	15A			
6	RECEPTACLE			27	RECEPTACLE - ROOM R101	1/2Ø	1000	15A			
7	RECEPTACLE			28	RECEPTACLE - ROOM R101	1/2Ø	1000	15A			
8	RECEPTACLE			29	RECEPTACLE - ROOM R101	1/2Ø	1000	15A			
9	RECEPTACLE			30	RECEPTACLE - BRIDGE	18	800	15A			
10	RECEPTACLE			31	RECEPTACLE - ROOM R101	18	500	15A			
11	RECEPTACLE			32	RECEPTACLE - ROOM R101	18	500	15A			
12	RECEPTACLE			33	RECEPTACLE - ROOM R101	28	800	15A			
13	RECEPTACLE			34	RECEPTACLE - ROOM R101	28	800	15A			
14	RECEPTACLE			35	RECEPTACLE - ROOM R101	28	800	15A			
15	RECEPTACLE			36	RECEPTACLE - ROOM R101	28	800	15A			
16	RECEPTACLE			37	RECEPTACLE - ROOM R101	28	800	15A			
17	RECEPTACLE			38	RECEPTACLE - ROOM R101	28	800	15A			
18	RECEPTACLE			39	RECEPTACLE - ROOM R101	28	800	15A			
19	RECEPTACLE			40	RECEPTACLE - ROOM R101	18	800	15A			
20	RECEPTACLE			41	SPARE		15A				
21	RECEPTACLE			42	SPARE		15A				

PANEL BOARD SCHEDULE											
PROJECT: FLEET MANAGEMENT OFFICES		FILE: 06-520-01		PANEL: C		PANEL FLUSH		SMS ENGINEERING			
PANEL: LIGHTS COOPER AREA R110		VOLT/PANEL: 120/208V, 3Ø, 4Ø		CAPACITY: 225A							
NO.	ITEM	QTY	UNIT	NO.	ITEM	QTY	UNIT	NO.	ITEM	QTY	UNIT
43	ELECTRIC HEAT	2500	10A	64	VENTILATION FAN F-1	80	15A				
44	ELECTRIC HEAT	2500	2P	65	CHASSIS SPACE	2000	3ØA				
45	ELECTRIC HEAT	2250	10A	66	CHASSIS SPACE	2000	3ØA				
46	ELECTRIC HEAT	2250	2P	67	CONDUIT FAN EF-1	50	15A				
47	ELECTRIC HEAT	1500	10A	68	ELECTRIC HEAT	2000	3ØA				
48	ELECTRIC HEAT	1500	2P	69	CHASSIS SPACE	2000	3ØA				
49	ELECTRIC HEAT	1500	10A	70	SPARE	15A					
50	ELECTRIC HEAT	1500	2P	71	SPARE	15A					
51	ELECTRIC HEAT	2000	10A	72	SPARE	15A					
52	ELECTRIC HEAT	2000	2P	73	SPARE	15A					
53	ELECTRIC HEAT	1500	10A	74	SPARE	15A					
54	ELECTRIC HEAT	1500	2P	75	SPARE	15A					
55	ELECTRIC HEAT	1500	10A	76	SPARE	15A					
56	ELECTRIC HEAT	1500	2P	77	SPARE	15A					
57	EXHAUST FAN EF-1, EF-2, EF-3, EF-4	300	15A	78	SPARE	15A					
58	AIR HANDLING UNIT AHU-1	3120	7Ø	79	SPARE	15A					
59	AIR HANDLING UNIT AHU-1	3120	10A	80	SPARE	15A					
60	AIR HANDLING UNIT AHU-2	3120	8Ø	81	SPARE	15A					
61	AIR HANDLING UNIT AHU-2	2280	10A	82	SPARE	15A					
62	AIR HANDLING UNIT AHU-2	2280	10A	83	SPARE	15A					
63	AIR HANDLING UNIT AHU-2	2280	10A	84	SPARE	15A					



REV	DESCRIPTION	DATE	BY
2	REVISED FOR TENDER	Jul 26, 2006	LK
1	ISSUED FOR TENDER	May 10, 2006	CM
0	ISSUED FOR 99% REVIEW	May 03, 2006	CM

SEAL: **APEGN**
Certificate of Authorization
SMS Engineering Ltd.
No. 166 Expiry: April 30, 2007

ORIGINAL CONTRACT DRAWING
SIGNED AND SEALED BY
B.D. LESKO, P. ENG
MAY 10, 2006

THIS DRAWING MUST NOT BE SCALED.
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DRAWING: **SCHEDULES**

PROJECT: **ADDITION TO 770 ROSS AVENUE**

Winnipeg, Manitoba

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DRAWN BY: **CM** CHECKED BY: **BDL** SHEET NO: **E4.0R2** REV NO:
DATE: **APRIL 18, 2006**
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