

LUMINAIRE SCHEDULE								
TYPE	MANUFACTURER		CATALOGUE NUMBER	LAMPS	WATTS	LUMINAIRE STYLE	VOLTAGE	COMMENTS
A	HIGH OUTPUT, LOW VOLTAGE, THIN AND FLEXIBLE, IP20 DRY LOCATION RATED LED CIRCUIT STRIP. STRIP CAN BE CUT EVERY TWO INCHES. MINIMUM 1800 LUMENS PER METER. STRIP BACK TO BE COMPLETE WITH TWO SIDED TAPE. LUMINAIRE TO BE C/W SURFACE MOUNT 45° ANODIZED ALUMINUM CHANNEL AND FROSTED POLYCARBONATE LENS. MINIMUM CHANNEL LENGTH TO BE 2400mm. MAXIMUM CHANNEL WIDTH TO BE 19mm. CHANNELS AND LENSES TO BE STAGGERED UPON INSTALLATION. POWER SUPPLY TO BE 24VDC, 300W MAGNETIC LOW VOLTAGE DIMMABLE.			LED 3000K CRI – 81	18W/M	SURFACE MOUNTED ON CEILING/WALL (NO CROWN MOULDING)	120V/1ø	
B	HIGH OUTPUT, LOW VOLTAGE, THIN AND FLEXIBLE, IP20 DRY LOCATION RATED LED CIRCUIT STRIP. STRIP CAN BE CUT EVERY TWO INCHES. MINIMUM 1800 LUMENS PER METER. STRIP BACK TO BE COMPLETE WITH TWO SIDED TAPE. LUMINAIRE TO BE C/W SURFACE MOUNT 45° ANODIZED ALUMINUM CHANNEL AND FROSTED POLYCARBONATE LENS. MINIMUM CHANNEL LENGTH TO BE 2400mm. MAXIMUM CHANNEL WIDTH TO BE 19mm. CHANNELS AND LENSES TO BE STAGGERED UPON INSTALLATION. POWER SUPPLY TO BE 24VDC, 300W MAGNETIC LOW VOLTAGE DIMMABLE.			LED 3000K CRI – 81	18W/M	SURFACE MOUNTED ON WALL (BENEATH MOULDING)	120V/1ø	
C	HIGH OUTPUT, LOW VOLTAGE, THIN AND FLEXIBLE, IP20 DRY LOCATION RATED LED CIRCUIT STRIP. STRIP CAN BE CUT EVERY TWO INCHES. MINIMUM 1800 LUMENS PER METER. STRIP BACK TO BE COMPLETE WITH TWO SIDED TAPE. LUMINAIRE TO BE C/W SURFACE MOUNT ANODIZED ALUMINUM CHANNEL AND FROSTED POLYCARBONATE LENS. MINIMUM CHANNEL LENGTH TO BE 2400mm. MAXIMUM CHANNEL WIDTH TO BE 19mm. CHANNELS AND LENSES TO BE STAGGERED UPON INSTALLATION. POWER SUPPLY TO BE 24VDC, 300W MAGNETIC LOW VOLTAGE DIMMABLE.			LED 3000K CRI – 81	18W/M	LINEAR LIGHTING MOUNTED BELOW OVERHANG	120V/1ø	
E1	LUMACELL	LT–X–G–10		TRITIUM		PICTOGRAM TYPE EGRESS SIGNAGE		
	EMERGLITE	ET–X–G–10						
	READYLITE	RT–X–G–10						
F	HIGH OUTPUT, LOW VOLTAGE, THIN AND FLEXIBLE, IP68 WET LOCATION RATED LED CIRCUIT STRIP. STRIP CAN BE CUT EVERY TWO INCHES. MINIMUM 1800 LUMENS PER METER. STRIP BACK TO BE COMPLETE WITH TWO SIDED TAPE. LUMINAIRE TO BE C/W SURFACE MOUNT IP67 ANODIZED ALUMINUM CHANNEL AND FROSTED POLYCARBONATE, UV COATED LENS. MINIMUM CHANNEL LENGTH TO BE 2400mm. MAXIMUM CHANNEL WIDTH TO BE 26mm. CHANNELS AND LENSES TO BE STAGGERED UPON INSTALLATION. POWER SUPPLY TO BE 24VDC, 300W MAGNETIC LOW VOLTAGE DIMMABLE.			LED 3000K CRI – 81	18W/M	MOUNTED IN STAIR RAILING	120V/1ø	
G	HIGH OUTPUT, LOW VOLTAGE, THIN AND FLEXIBLE, IP68 WET LOCATION RATED LED CIRCUIT STRIP. STRIP CAN BE CUT EVERY TWO INCHES. MINIMUM 1800 LUMENS PER METER. STRIP BACK TO BE COMPLETE WITH TWO SIDED TAPE. LUMINAIRE TO BE C/W RECESSED MOUNT IP67 ANODIZED ALUMINUM CHANNEL AND FROSTED POLYCARBONATE, UV COATED LENS. MINIMUM CHANNEL LENGTH TO BE 2400mm. MAXIMUM CHANNEL WIDTH TO BE 26mm. CHANNELS AND LENSES TO BE STAGGERED UPON INSTALLATION. POWER SUPPLY TO BE 24VDC, 300W MAGNETIC LOW VOLTAGE DIMMABLE.			LED 3000K CRI – 81	18W/M	RECESSED IN HAND RAIL	120V/1ø	
H	MP LIGHTING	L08–2–W30S–D–A–S–6–MA		LED 3000K CRI – 80	2.5W	RECESSED IN GRADE	120V/1ø	
	LUMIERE	650–2–6LED–30–12–12–CS			6.0W			
	ZANEEN	L9133301.06			3.0W			
J	HIGH OUTPUT, LOW VOLTAGE, THIN AND FLEXIBLE, IP20 DRY LOCATION RATED LED CIRCUIT STRIP. STRIP CAN BE CUT EVERY TWO INCHES. MINIMUM 1800 LUMENS PER METER. STRIP BACK TO BE COMPLETE WITH TWO SIDED TAPE. LUMINAIRE TO BE C/W RECESSED MOUNT ANODIZED ALUMINUM CHANNEL AND FROSTED POLYCARBONATE LENS. MINIMUM CHANNEL LENGTH TO BE 2400mm. MAXIMUM CHANNEL WIDTH TO BE 19mm. CHANNELS AND LENSES TO BE STAGGERED UPON INSTALLATION. POWER SUPPLY TO BE 24VDC, 300W MAGNETIC LOW VOLTAGE DIMMABLE.			LED 3000K CRI – 81	18W/M	RECESSED MOUNTED ON CEILING/WALL (NO CROWN MOULDING)	120V/1ø	
K	COOPER METALUX	4VT2–LD4–4–DR–UNV–L835–WL–SSL–U		LED 3000K CRI – 85	38W	SURFACE MOUNT VAPOUR TIGHT	120V/1ø	
	HE WILLIAMS	96–4–L40–830–WET/2–SSLATCH–DRV–120			40W			
	PHILIPS DAY–BRITE	D–W–A–E–43L–830–4–UNV			32W			
NOTES: 1. ALL LUMINAIRES TO BE CSA APPROVED. 2. ALL DRIVER CUTSHEETS MUST BE INCLUDED WITH EACH LUMINAIRE SHOP DRAWING. 3. PROVIDE ALL REQUIRED MOUNTING KITS/HARDWARE FOR ALL CEILING/WALL TYPES. 4. ELECTRICAL CONTRACTOR TO SUBMIT ENTIRE INSTALLATION TO MANITOBA HYDRO POWER SMART ON BEHALF OF PWGSC. ENTIRE REBATE TO BE MADE PAYABLE TO PWGSC.								

MECHANICAL EQUIPMENT SCHEDULE																
EQUIPMENT			ELECTRICAL CHARACTERISTICS			PACKAGED UNIT	CONTROLS				CIRCUITRY INFORMATION					NOTES
ITEM	DESCRIPTION	LOCATION	HP/kW	AMPS	VOLTS/ø		TYPE	SUPPLIED BY	INSTALLED BY	WIRED BY	PANEL-CCT #	FIRE ALARM SHUTDOWN	O.C.P.	WIRE	CONDUIT	
BIG HOUSE																
L1	LIFT	BIGHOUSE EXTERIOR			120V/1ø	X	P A C K A G E D				BH-P2B-24		20A-1P	2 #12 AWG RW 90 Cu + GRD	21mm	
ERV-1	ENERGY RECOVERY VENTILATOR	ATTIC		14.6MCA	120V/1ø	X	P A C K A G E D				BH-P2A-4	X	20A-1P	2 #12 AWG RW 90 Cu + GRD	21mm	
PHC-1	PRE-HEAT COIL	ATTIC	15.0 KW		600V/3ø	X	P A C K A G E D				BH-P6A		20A-3P	3 #12 AWG RW 90 Cu + GRD	21mm	
RHC-1	REHEAT COIL	ATTIC	3.0 KW		208V/3ø	X	P A C K A G E D				BH-P2A-5, 6, 7		15A-3P	3 #12 AWG RW 90 Cu + GRD	21mm	
NG-1	NITROGEN GENERATOR	BASEMENT MECH.		7.7A	208V/3ø	X	P A C K A G E D				BH-P2A-62, 63		15A-2P	2 #12 AWG RW 90 Cu + GRD	21mm	
SP-1	SUMP PUMP	LIFT PIT PUMP	1/2 HP	9.8 FLA	120V/1ø	X	P A C K A G E D				BH-P2A-8		20A-1P	2 #12 AWG RW 90 Cu + GRD	21mm	PROVIDE 5-20R GFCI TYPE DUPLEX RECEPTACLE
SP-2	SUMP PUMP	ELEVATOR PIT	1/2 HP	9.8 FLA	120V/1ø	X	P A C K A G E D				BH-P2A-65		15A-1P	2 #12 AWG RW 90 Cu + GRD	21mm	
DHWT-1	DOMESTIC HOT WATER TANK	BASEMENT MECH.	6.0 KW		120V/3ø	X	P A C K A G E D				BH-P2A-9, 10, 11		30A-3P	2 #10 AWG RW 90 Cu + GRD	21mm	
EF-1	EXHAUST FAN	ELECTRICAL ROOM	FRAC		120V/3ø	X	P A C K A G E D				BH-P2A-64		15A-1P	2 #12 AWG RW 90 Cu + GRD	21mm	
FURLOFT																
NG-2	NITROGEN GENERATOR	BASEMENT		7.7A	208V/1ø	X	P A C K A G E D				FL-P2A-32,33		15A-2P	2 #12 AWG RW 90 Cu + GRD	21mm	
MEN'S HOUSE																
NG-3	NITROGEN GENERATOR	ATTIC		7.7A	208V/1ø	X	P A C K A G E D				MH-P2A-45,46		15A-2P	2 #12 AWG RW 90 Cu + GRD	21mm	
NOTES:																
1. DIVISION 26 TO CONFIRM FINAL LOCATION OF ALL EQUIPMENT WITH MECHANICAL DRAWINGS PRIOR TO ROUGHING IN OF CONDUIT. CONFIRM FINAL EQUIPMENT RATINGS WITH MECHANICAL PRIOR TO ROUGHING-IN OF CONDUIT, WIRING AND CIRCUIT BREAKERS. SIZE OVERLOADS ACCORDINGLY. CONFIRM FINAL RATINGS WITH EQUIPMENT NAMEPLATES. INFORM DEPARTMENTAL REPRESENTATIVE OF ANY DISCREPANCIES AND OR DEVIATIONS PRIOR TO ROUGHING IN OF EQUIPMENT.																
2. ALL CONTROL WIRING TO BE BY DIVISION 23 UNLESS OTHERWISE NOTED. REFER TO MECHANICAL DRAWINGS AND SPECIFICATIONS. ALL CONDUIT REQUIRED FOR CONTROLS TO BE SUPPLIED AND INSTALLED BY DIVISION 26. COORDINATE ALL WORK WITH DIVISION 23.																
3. PROVIDE DISCONNECTS FOR ALL EQUIPMENT AS REQUIRED.																
4. PROVIDE CONTROL TRANSFORMERS FOR ALL VAV'S. CONFIRM LOCATIONS AND QUANTITIES WITH MECHANICAL. COORDINATE ALL WORK WITH MECHANICAL CONTRACTOR.																
5. WIRE AND CONNECT ERV-1 TO FIRE ALARM PANEL FOR FAN SHUTDOWN AS REQUIRED BY CODE.																

REMOTE HEADS SCHEDULE			
TYPE	MANUFACTURER	CATALOGUE NUMBER	LAMPS
EL-1	LUMACELL	MQM-2-LD9	2x5W MR16 LED
	EMERGLITE	EF9-D-M-LI	2x5W MR16 LED
	READYLITE	RM-2-LD9	2x5W MR16 LED

ELECTRIC HEATER SCHEDULE									
TYPE	STYLE	MANUFACTURER	CATALOGUE NUMBER	FINISH	MOUNTING	HEATING ELEMENT WATTAGE	VOLTAGE	CIRCUIT	ADDITIONAL INFORMATION
ECH-1	ELECTRIC COVE HEATER	OUELLET	ORC0452	WHITE	WALL MOUNT	450W	120V/1ø	BH-P2A-1	ROOM B5b
		Q-MARK	RCC4508C						
		DIMPEX	918U00450B						
ECH-2	ELECTRIC COVE HEATER	OUELLET	ORC0452	WHITE	WALL MOUNT	450W	120V/1ø	BH-P2A-2	ROOM B5b
		Q-MARK	RCC4508C						
		DIMPEX	918U00450B						
ECH-3	ELECTRIC COVE HEATER	OUELLET	ORC0452	WHITE	WALL MOUNT	450W	120V/1ø	BH-P2A-3	ROOM B5b
		Q-MARK	RCC4508C						
		DIMPEX	918U00450B						
BH-UH-1 FL-UH-1 MH-UH-1	ELECTRIC UNIT HEATER	OUELLET	OAT5000T	ALMOND	WALL MOUNT	3750W/4000W	208V/1ø	VARIOUS	BIG HOUSE SPRINKLER TREE ROOM FUR LOFT SPRINKLER TREE ROOM MEN'S HOUSE SPRINKLER TREE ROOM
		Q-MARK	EUH04B21T						
		REZNOR	EGW-5						

EMERGENCY LIGHTING BATTERY BANK SCHEDULE FOR MEN'S HOUSE AND FURLOFT						
TYPE	MANUFACTURER	CATALOGUE NUMBER	WATTAGE	CIRCUIT NUMBER	LOCATION	LAMPS
EBB-FL-1	LUMACELL	RG12NX-108-2-LD9-CW1	108W	FL-P2A-9	FURLOFT BASEMENT	2x5W MR16 LED
	EMERGI-LITE	12NXM-W-108-CW1/2-LI				
	READYLITE	LDX12-108-NM-2-LD9-CW1				
EBB-FL-2	LUMACELL	RG12NX-108-2-LD9-CW1	108W	FL-P2A-10	FURLOFT MAIN FLOOR	2x5W MR16 LED
	EMERGI-LITE	12NXM-W-108-CW1/2-LI				
	READYLITE	LDX12-108-NM-2-LD9-CW1				
EBB-FL-3	LUMACELL	RG12NX-108-2-LD9-CW1	108W	FL-P2A-11	FURLOFT SECOND FLOOR	2x5W MR16 LED
	EMERGI-LITE	12NXM-W-108-CW1/2-LI				
	READYLITE	LDX12-108-NM-2-LD9-CW1				
EBB-FL-4	LUMACELL	RG12NX-108-2-LD9-CW1	108W	FL-P2A-12	FURLOFT ATTIC	2x5W MR16 LED
	EMERGI-LITE	12NXM-W-108-CW1/2-LI				
	READYLITE	LDX12-108-NM-2-LD9-CW1				
EBB-MH-1	LUMACELL	RG12NX-108-2-LD9-CW1	108W	MH-P2A-30	MEN'S HOUSE ATTIC	2x5W MR16 LED
	EMERGI-LITE	12NXM-W-108-CW1/2-LI				
	READYLITE	LDX12-108-NM-2-LD9-CW1				

