

| LUMINAIRE SCHEDULE | | | | | | | |
|--------------------|------------------|---|-----------|-------|---------------------------|--------------------|-----------------------------------|
| TYPE | MANUFACTURER | CATALOGUE NUMBER | LAMPS | WATTS | LUMINAIRE STYLE | VOLTAGE | COMMENTS |
| A | COOPER METALUX | 24EN-LD2-4500-UNV-LP835-CD-I-U | LED 3500K | 38W | RECESSED TROFFER (LAY-IN) | 120V | |
| | PHILLEDALITE | 4224D1STL8BCS71E | LED 3500K | | RECESSED TROFFER (LAY-IN) | 120V | |
| B | COOPER PORTFOLIO | LD6A-10-D010TE-ERM6A-10-80-35 C/W 6LM1-LI | LED 3500K | 14.1W | RECESSED DOWNLIGHT | 120V | |
| | PHILIPS-LOL | P6RD10NZ10UVB/PR6D835VB/PR6DCCP | LED 3500K | | RECESSED DOWNLIGHT | 120V | |
| C | COOPER | 4SNLED-LD4-46SL-LN-UNV-L835-CD-I-U | LED 3500K | 41W | STRIP LIGHT | 120V | |
| | PHILLIPS-CFI | LF4FR52H35UDZT | LED 3500K | | STRIP LIGHT | 120V | |
| EX-1 | LUMACELL | LS3WU | LED | 2.5W | EGRESS SIGN | 8-24VOC 120-347VAC | C/W 6" EXTENSION ARM MOUNTING KIT |
| F | METALUX | FMLED16WH835PFR | LED 3500K | 22W | SURFACE MOUNT | 120V | |
| | BROWNLEE | 2320-17-WH-C24LED-35K | LED 3500K | | SURFACE MOUNT | 120V | |
| G | TERON LIGHTING | VY24-L18.0-120-277V-SLT-TE500-SM-35K | LED 3500K | 18W | VANITY LIGHT | 120V | |
| | BROWNLEE | 5180-25-NT-H16LED-35K | LED 3500K | | VANITY LIGHT | 120V | |
| H | LUMEN PULSE | LOGP-HO-120-48-40K-WW-WAM6-KX-NO | LED 4000K | 61W | EXTERIOR SIGN LIGHT | 120V | C/W 6" EXTENSION ARM MOUNTING KIT |
| | GVA | STR9-1200-CM-15W-4000K-ASYMMETRIC(15"x5")-ELV | LED 4000K | | EXTERIOR SIGN LIGHT | 120V | C/W 6" EXTENSION ARM MOUNTING KIT |

NOTES:
1. ALL LUMINAIRES, BALLASTS, LAMPS, ETC. TO BE CSA APPROVED.
2. ALL BALLASTS AND 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 LIGHTING INSTALLATION FOR MANITOBA HYDRO POWER SMART REBATE PROGRAM ON BEHALF OF OWNER. ALL REBATES TO BE MADE PAYABLE TO OWNER.

| EMERGENCY LIGHTING BATTERY BANK SCHEDULE | | | | | | |
|--|--------------|---------------------|---------|------------------------|----------|----------|
| TYPE | MANUFACTURER | CATALOGUE NUMBER | WATTAGE | CIRCUIT NUMBER | LOCATION | LAMPS |
| EBB-1 | LUMACELL | RG12S722LD9ATCTVSR | 72W | EXISTING AREA LIGHTING | | 2x5w LED |
| | EMERGLITE | 12ESL72UCTZCB2LI | 72W | EXISTING AREA LIGHTING | | 2x5w LED |
| EBB-2 | LUMACELL | RG12S100ZLD9ATCTVSR | 100W | EXISTING AREA LIGHTING | | 2x5w LED |
| | EMERGLITE | 12ESL100UCTZCB2LI | 100W | EXISTING AREA LIGHTING | | 2x5w LED |
| EBB-3 | LUMACELL | LSC1250W2LD9AT | 50W | EXISTING AREA LIGHTING | | 2x5w LED |
| | EMERGLITE | ESC1250W2LIU | 50W | EXISTING AREA LIGHTING | | 2x5w LED |
| EBB-4 | LUMACELL | R12S722LD9ATCT | 72W | EXISTING AREA LIGHTING | | 2x5w LED |
| | EMERGLITE | 12ESL72UCTI2LI | 72W | EXISTING AREA LIGHTING | | 2x5w LED |
| REMOTE HEAD | LUMACELL | MOM-2-LD9 | | | | |
| | EMERGLITE | EF9DM-LI | | | | |

NOTES:
1. ALL WIRING TO BE IN EMT CONDUIT 21mm CONDUIT C/W MINIMUM #12 AWG Cu WIRING. CONFIRM WIRE SIZES WITH DISTANCES PER MANUFACTURER'S RECOMMENDATIONS.
2. ADJUST LIGHTING HEADS TO PROPERLY ILLUMINATE EGRESS ROUTE.
3. PROVIDE ALL REQUIRED MOUNTING KITS/HARDWARE FOR ALL CEILING/WALL TYPES.
4. LIGHT SWITCH WITH OCCUPANCY SENSOR TO BE MANUFACTURED BY LEVITON CAT. NO OSSMT-DWM

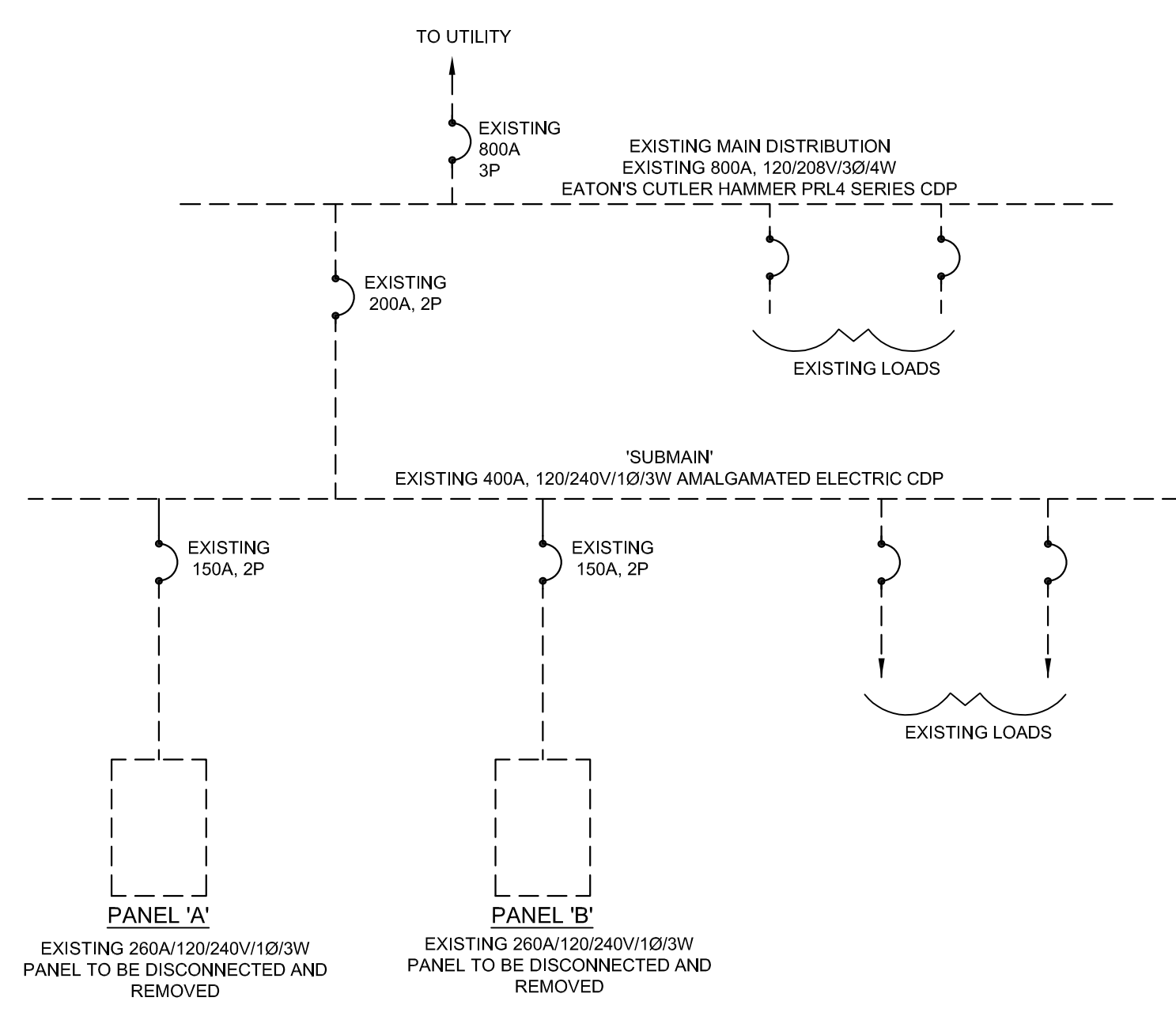
| ELECTRIC BASEBOARD HEATER SCHEDULE | | | | | | | | |
|------------------------------------|---------------------------|--------------|------------------|--------|----------|-------------------------|---------|------------------------|
| TYPE | STYLE | MANUFACTURER | CATALOGUE NUMBER | FINISH | MOUNTING | HEATING ELEMENT WATTAGE | VOLTAGE | ADDITIONAL INFORMATION |
| EBB-1 | ELECTRIC BASEBOARD HEATER | OUELLET | ODBA0302-733 | WHITE | WALL | 300W | 120V | |

| PANELBOARD 'A' | | | | | | | | | |
|------------------------|-----------|--------|-----|----|-----------------------|------------------------------------|------|-----|-----|
| ITEM | LOAD (kW) | OCB | C | C | ITEM | LOAD (kW) | OCB | C | C |
| EXISTING | | | 15A | 1 | 2 | EXISTING | | | 15A |
| EXISTING | | | 15A | 3 | 4 | EXISTING | | | 15A |
| EXISTING | | | 15A | 5 | 6 | EXISTING | | | 15A |
| EXISTING | | | 15A | 7 | 8 | EXISTING | | | 15A |
| EXISTING | | | 15A | 9 | 10 | EXISTING | | | 15A |
| EXISTING | | | 15A | 11 | 12 | EXISTING | | | 15A |
| EXISTING | | | 15A | 13 | 14 | EXISTING | | | 15A |
| EXISTING | | | 15A | 15 | 16 | EXISTING | | | 15A |
| EXISTING | | 30A/2P | 17 | 18 | EXISTING | | | 15A | |
| EXISTING | | | 19 | 20 | EXISTING | | | 15A | |
| EXISTING | | | 15A | 21 | 22 | EXISTING | | | 15A |
| EXISTING | | | 15A | 23 | 24 | RECEPTACLE COMPUTER STATION | 0.40 | | 15A |
| EXISTING | | 30A/2P | 25 | 26 | RECEPTACLE WORKROOM | 0.40 | | 15A | |
| EXISTING | | | 27 | 28 | RECEPTACLE WORKROOM | 0.40 | | 15A | |
| EXISTING | | | 15A | 29 | 30 | RECEPTACLE OFFICE | 0.40 | | 15A |
| EXISTING | | | 15A | 31 | 32 | RECEPTACLE LUNCH ROOM AND ACTUATOR | 1.00 | | 15A |
| EXISTING | | 30A/2P | 33 | 34 | RECEPTACLE MICROWAVE | 1.00 | | 15A | |
| EXISTING | | | 35 | 36 | RECEPTACLE COUNTERTOP | 0.40 | | 20A | |
| EXISTING | | | 15A | 37 | 38 | RECEPTACLE COUNTERTOP | 0.40 | | 20A |
| PRINTER | 1.00 | | 15A | 39 | 40 | RECEPTACLE FRIDGE | 0.80 | | 15A |
| RECEPTACLE ADULTS AREA | 0.60 | | 15A | 41 | 42 | RECEPTACLE COMPUTER STATION | 0.90 | | 15A |
| SPARE | | | 15A | 43 | 44 | RECEPTACLE PUBLIC SPACE | 0.60 | | 15A |
| SPARE | | | 15A | 45 | 46 | MEZZANINE RECEPTACLE | 0.60 | | 15A |
| | | | 47 | 48 | MEZZANINE RECEPTACLE | 0.60 | | 15A | |
| | | | 49 | 50 | MEZZANINE RECEPTACLE | 0.60 | | 15A | |
| | | | 51 | 52 | MEZZANINE RECEPTACLE | 0.60 | | 15A | |
| | | | 53 | 54 | MEZZANINE RECEPTACLE | 0.60 | | 15A | |

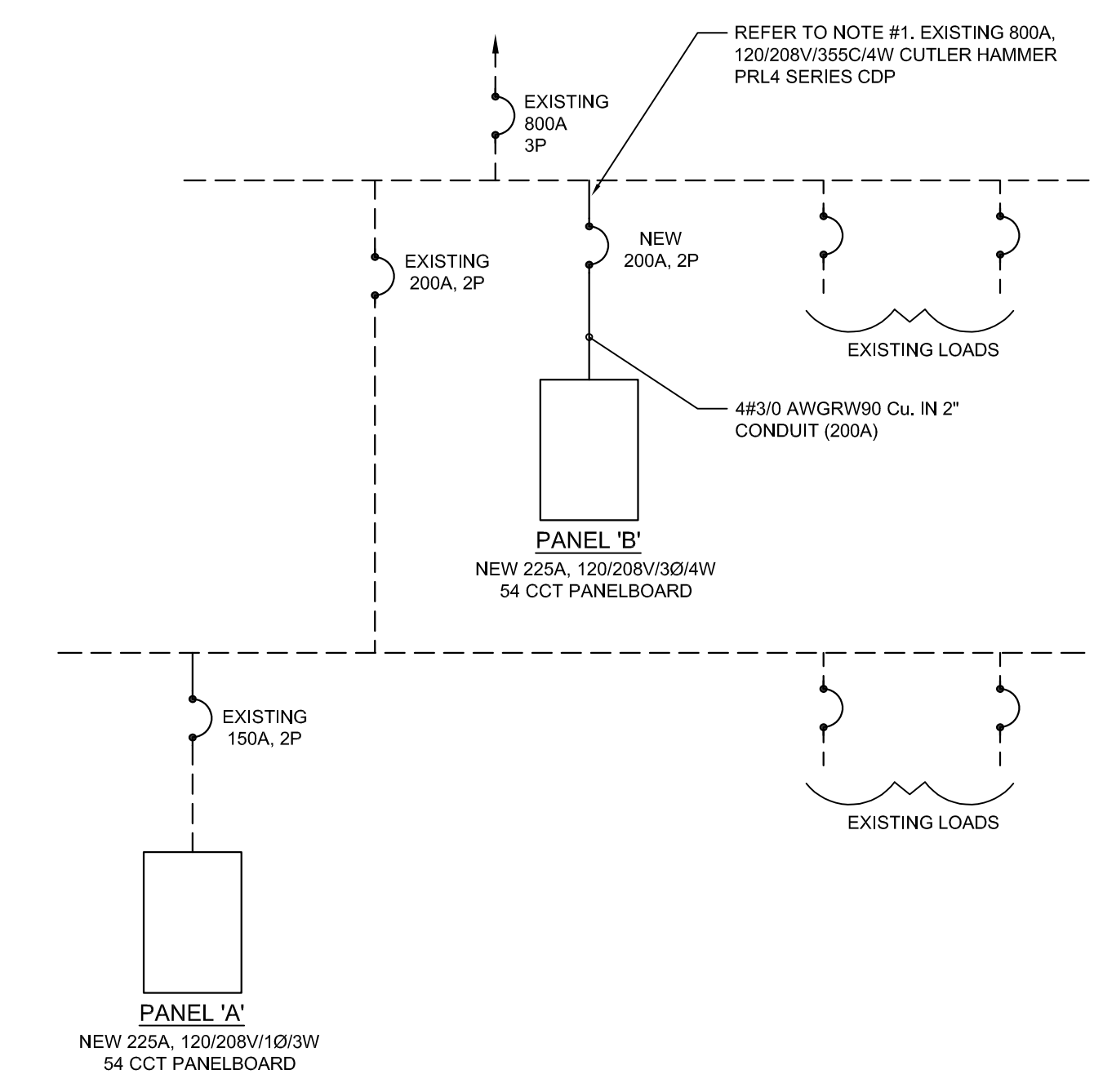
NOTES:
CONFIRM BREAKERS FOR EXISTING CIRCUITS PRIOR TO ORDERING NEW PANEL. MOUNTING: RECESSED RATING: 225A, 120/208V/10/3W

| PANELBOARD 'B' | | | | | | | | | |
|-----------------------|-----------|--------|-----|----|-----------------------------|-----------------------------|------|-----|-----|
| ITEM | LOAD (kW) | OCB | C | C | ITEM | LOAD (kW) | OCB | C | C |
| EXISTING | | | 15A | 1 | 2 | EXISTING | | | 15A |
| EXISTING | | | 15A | 3 | 4 | EXISTING | | | 15A |
| EXISTING | | | 15A | 5 | 6 | EXISTING | | | 15A |
| EXISTING | | | 15A | 7 | 8 | EXISTING | | | 15A |
| EXISTING | | | 15A | 9 | 10 | EXISTING | | | 15A |
| EXISTING | | | 15A | 11 | 12 | EXISTING | | | 15A |
| EXISTING | | | 30A | 13 | 14 | EXISTING | | | 15A |
| EXISTING | | | 15A | 15 | 16 | EXISTING | | | 15A |
| EXISTING | | | 15A | 17 | 18 | EXISTING | | | 15A |
| EXISTING | | | 15A | 19 | 20 | EXISTING | | | 15A |
| EXISTING | | | 15A | 21 | 22 | EXISTING | | | 15A |
| EXISTING | | | 15A | 23 | 24 | EXISTING | | | 15A |
| EXISTING | | 15A/2P | 25 | 26 | EXISTING | | | 15A | |
| EXISTING | | | 27 | 28 | RECEPTACLE COMPUTER STATION | 0.40 | | 15A | |
| EXISTING | | | 29 | 30 | RECEPTACLE COMPUTER STATION | 0.40 | | 15A | |
| CASH REGISTER | 0.50 | | 15A | 31 | 32 | RECEPTACLE COMPUTER STATION | 0.40 | | 15A |
| RECEPTION DESK | 1.0 | | 15A | 33 | 34 | RECEPTACLE COMPUTER STATION | 0.40 | | 15A |
| RECEPTION DESK | 1.0 | | 15A | 35 | 36 | RECEPTACLE COMPUTER STATION | 0.40 | | 15A |
| RECEPTION DESK | 1.0 | | 15A | 37 | 38 | RECEPTACLE COMPUTER STATION | 0.40 | | 15A |
| | | | 39 | 40 | RECEPTACLE STACKS AREA | 0.80 | | 15A | |
| | | | 41 | 42 | PROJECTOR | 0.50 | | 15A | |
| | | | 43 | 44 | EBBH-1 | 0.25 | | 15A | |
| DOOR ACTUATOR | 0.60 | | 15A | 45 | 46 | RECEPTACLE BASEMENT | 0.60 | | 15A |
| DOOR ACTUATOR | 0.60 | | 15A | 47 | 48 | RECEPTACLE BASEMENT | 0.40 | | 15A |
| DOOR ACTUATOR | 0.60 | | 15A | 49 | 50 | RECEPTACLE BASEMENT | 0.40 | | 15A |
| DOOR ACTUATOR | 0.60 | | 15A | 51 | 52 | EXTERIOR LIGHTING | 0.25 | | 15A |
| EMERGENCY CALL SYSTEM | 0.10 | | 15A | 53 | 54 | SPARE | | | 15A |

NOTES:
CONFIRM BREAKERS FOR EXISTING CIRCUITS PRIOR TO ORDERING NEW PANEL. MOUNTING: RECESSED RATING: 225A, 120/208V/30/4W



1 E-16 EXISTING SINGLE LINE DISTRIBUTION DIAGRAM NTS



2 E-16 NEW SINGLE LINE DISTRIBUTION DIAGRAM NTS

NOTE:
1. PROVIDE ALL REQUIRED MODIFICATIONS AND HARDWARE TO EXISTING DISTRIBUTION.

