

CCIW - MCC #5
LAMICOID NAME PLATES

| CELL LOCATION | CELL LABEL | | |
|---------------|-------------------|---------------------------|-------------|
| | LINE 1 | LINE 2 | LINE 3 |
| R1-1 | MAIN LUGS | | |
| R1-2 | EF-420 | LAUNCH REPAIR/BUBBLE TENT | EXHAUST FAN |
| R1-3 | EF-410 | DIVE SHOP PAINT BOOTH | EXHAUST FAN |
| R1-4 | EF-409 | ENGINE SHOP | EXHAUST FAN |
| R1-5 | EF-408 | OUTBOARD TEST TANK | EXHAUST FAN |
| R1-6 | EF-108 | MAINTENANCE SHOP CYCLONE | EXHAUST FAN |
| R1-7 | SPARE | | |
| R2-2 | EF-406 | W108 NORTH CANPIES | EXHAUST FAN |
| R2-3 | EF-405 | WELDING SHOP BENCH | EXHAUST FAN |
| R2-4 | EF-404 | BOAT SHOP | EXHAUST FAN |
| R2-5 | EF-109 | CARPENTER SHOP CYCLONE | EXHAUST FAN |
| R2-6 | EF-407 | MUFFLE FURNACE | EXHAUST FAN |
| R2-7 | FEED TO RELAY LR2 | | |
| R2-8 | SPARE | | |

Notes:

- All Cell Label lettering to be 0.25" in height, on a 2" x 2.5" lamicoïd plate.
- Provide new 4" x 8" lamicoïd plate that reads "MCC #5" with lettering to be 1" in height. Mount on front top Centre of MCC #5. (R2-1)
- Black background with white lettering.

CANADIAN GENERAL ELECTRIC -
MCC #5 - 600A / 600V / 3PH / 3W
FED FROM WWDP-2 OUTSIDE MACHINE SHOP

| | |
|---|--|
| R1-1 INCOMING CABLE SECTION NOTE 1 | R2-1 NOTE 1 |
| R1-2 EF-420 15A BKR O/L = G.E. C196A | R2-2 EF-406 W108 CANPIES 15A BREAKER O/L = 5.5A |
| R1-3 EF-410 15A BKR O/L = G.E. C18A | R2-3 EF-405 15A BREAKER O/L = 5.5A |
| R1-4 EF-409 15A BKR O/L = 3.7A | R2-4 EF-404 15A BKR O/L = 1.3A |
| R1-5 EF-408 15A BREAKER O/L = 9A | R2-5 EF-109 15A BREAKER O/L = 9.5A |
| R1-6 EF-108 15A BREAKER O/L = G.E. C39A | R2-6 EF-407 15A BKR O/L = 1.9A |
| R1-7 SPARE 50A DISC | R2-7 RELAY LR2 30A BKR NOTE 2 |
| | R2-8 SPARE 30A DISC |
| R1-8 NOTE 1 | R2-9 NOTE 1 |

REMOVE R2-7B CELL AND
MAKE R2-7 ONE CELL

NOTES:

- PROVIDE NEW BLANK FRONT COVER PLATE.
- REMOVE WIRING BACK TO SOURCE.

COPYRIGHT

COPYRIGHT FOR ALL DESIGN AND DRAWINGS ARE THE EXPRESS PROPERTY OF NRG CONSULTANTS INC. REPRODUCTION OR USE FOR ANY PURPOSE OTHER THEN THAT AUTHORIZED BY NRG CONSULTANTS IS STRICTLY FORBIDDEN.

DIMENSIONS

CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE DRAWINGS. CONTRACTOR SHALL REPORT ANY ERRORS OR OMISSIONS TO NRG CONSULTANTS INC. IMMEDIATELY UPON DISCOVERY.



NRG JOB # 2302



NRG Consultants Inc.
2 Cabriole Crescent Ancaster ON L9K 1K6
Office: (905) 304-0294

PROJECT

CANADA CENTRE FOR INLAND WATERS
MOTOR CONTROL CENTRE UPGRADE
867 LAKESHORE ROAD
BURLINGTON ON L7S 1A1

ELECTRICAL - MCC #5
EXISTING MCC #5 & #11
PROPOSED UPGRADES

| No. | DATE | MADE | DESCRIPTION |
|--------------------------|------------|-------------|---------------------|
| 0 | 2024/03/18 | G.J.L. | ISSUED FOR TENDER |
| A | 2024/01/10 | G.J.L. | ISSUED FOR COMMENTS |
| REVISIONS/ADDENDA ISSUED | | | |
| SCALE | DATE | DRAWN | CHECKED |
| N/A | 2023/12/13 | G.J.L. | S.C.S. |
| PROJECT No. | REV No. | DRAWING No. | |
| 1893 | 0 | E01 | |