| PANEL A | | | | | | | | | | |
|--|------------------------------|-------|-------|--------------|-----------------|--------------|--------|--------------------------|-----|-----------|
| CCT NO | DESCRIPTION | | LOAD | TRIP AMPS | <u>N</u> ABC | TRIP AMPS | LOAD | DESCRIPTION | | CCT NO |
| 01 | LAMP A1 | GFI | | 15 | • | | | SPACE | | 02 |
| 03 | | | | 2P | | 15 | | LAMP A9 | GFI | 04 |
| 05 | SPACE | | | | | 2P | | | | 06 |
| 07 | LAMP A2 | GFI | | 15 | | | | SPACE | | 08 |
| 09 | | | | 2P | | 15 | | LAMP A10 | GFI | 10 |
| 11 | SPACE | | | | | 2P | | | | 12 |
| 13 | LAMP A3 | GFI | | 15 | | | | SPACE | | 14 |
| 15 | | | | 2P | • | 15 | | LAMP A11 | GFI | 16 |
| 17 | SPACE | | | | | 2P | | | | 18 |
| 19 | LAMP A4 | GFI | | 15 | | | | SPACE | | 20 |
| 21 | | | | 2P | | 15 | | LAMP A12 | GFI | 22 |
| 23 | SPACE | | | | | 2P | | SPACE | | 24 |
| 25 | LAMP A5 | GFI | | 15 | | | | SPACE | | 26 |
| 27 | | | | 2P | | 15 | | LAMP A13 | GFI | 28 |
| 29 | SPACE | | | | | 2P | | SPACE | | 30 |
| 31 | LAMP A6 | GFI | | 15 | | | | SPACE | | 32 |
| 33 | | | | 2P | | 15 | | LAMP A14 | GFI | 34 |
| 35 | SPACE | | | | | 2P | | SPACE | | 36 |
| 37 | LAMP A7 | GFI | | 15 | | | | SPACE | | 38 |
| 39 | | | | 2P | | 15 | | LAMP A15 | GFI | 40 |
| 41 | SPACE | | | | | 2P | | | | 42 |
| 43 | LAMP A8 | GFI | | 15 | | 15 | | SPARE | | 44 |
| 45 | | | | 2P | | 15 | | SPARE | GFI | 46 |
| 47 | SPACE | | | | | 15 | | SPARE | | 48 |
| 49 | CRAWLSPACE LIGHTS NORTH - EM | LTG. | | 15 | | 15 | | SPARE | | 50 |
| 51 | | GFI | | 2P | | | | SPACE | | 52 |
| 53 | CRAWLSPACE LIGHTS SOUTH - EM | LTG. | | 15 | | | | SPACE | | 54 |
| 55 | LIGHTING CONTROL PANEL | | | 15 | | | | SPACE | | 56 |
| 57 | DROWN ALARM/OLDER SECTION | | | 15 | | | | SPACE | | 58 |
| 59 | · | GFI | | 2P | | | | SPACE | | 60 |
| VOLTAGE: 120/208V PHASE: 3 WIRE: 4 BREAKER I.C.: 10 kA | | | | | | | | | | |
| MA | IN BREAKER: | MAINS | S: 4 | | | FEE | DER: 4 | C— # 3/0 AWG TECK | | |
| мс | UNTING: SURFACE | LOCA | TION: | BASEM | ENT S | SOUTH | UTILID | OR WEST END | | |
| FE | D FROM: PANEL 'X' | | | | | | | | | |
| NO | TES: | | | | | | | | | |

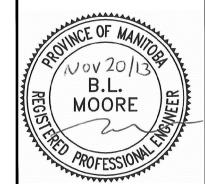
| | | | PA | NE | EL | D | | | |
|--|---------------------------------------|------|--------------|-------|----|--------------|------|---|-----------|
| CCT NO | DESCRIPTION | LOAD | TRIP AMPS | AB | | TRIP AMPS | LOAD | DESCRIPTION | CCT NO |
| 01 | LTG. ARCHIVES RM. & STAFF RM. | | 15 | • | _ | 15 | | SPARE | 31 |
| 02 | LTG. BOARD RM. & STAFF RM. | | 15 | ♦ | | 15 | | SPARE | 32 |
| 03 | LTG. LOBBY & LOBBY ENTRANCE | | 15 | | • | 15 | | SPARE | 33 |
| 04 | LTG. SOUTH LOBBY & MAIN FLR. | | 15 | • | | 15 | | LTG. N.W. PORTALS, 2ND LEVEL | 34 |
| 05 | LTG. NORTH LOBBY | | 15 |] • | | 15 | | LTG. N.W. PORTALS, 2ND LEVEL | 35 |
| 06 | LTG. FIRST AID & FEMALE STAFF RM | | 15 | | • | 15 | | LTG. N.W. STAIRS, 3RD LEVEL | 36 |
| 07 | LTG. LUNCH & MALE STAFF RM. | | 15 | • | | 15 | | LTG. THE SUITE | 37 |
| 80 | RECEPT. LUNCH RM. | | 15 |] • | | 15 | | LTG. THE SUITE | 38 |
| 09 | RECEPT. LUNCH RM. | | 15 | | • | 15 | | LTG. THE SUITE | 39 |
| 10 | SPARE | | 15 | • | | 15 | | RECEPT. S.W & 2ND FLR. | 40 |
| 11 | SPARE | | 15 |] • | | 15 | | RECEPT. N.W & 2ND FLR. | 41 |
| 12 | SPARE | | 15 | | • | 15 | | RECEPT. Mr. SOLAR'S OFFICE & SHIPS LADDER | 42 |
| 13 | POT. LTG. S.W. PORTALS, 2ND LEVEL | | 15 | • | | 15 | | RECEPT. THE SUITE & SHIPS LADDER | 43 |
| 14 | LTG. S.W. PORTALS, 2ND LEVEL | | 15 | • | | 15 | | LTG. DIVING TOWER | 44 |
| 15 | LTG. S.W. PORTALS, 3RD LEVEL | | 15 | | • | 15 | | SPARE | 45 |
| 16 | LTG. FAC. SUPERVISOR'S OFFICE | | 15 | • | | 15 | | SPARE | 46 |
| 17 | LTG. FAC. SUPERVISOR'S OFFCE | | 15 |] • | | 15 | | SPARE | 47 |
| 18 | LTG. FAC. SUPERVISOR'S OFFICE | | 15 | | • | 15 | | QUARTZ LTG. N.W. DECK | 48 |
| 19 | SPARE IN CEILING IN MARLINS OFFICE | | 15 | • | | 15 | | SPARE | 49 |
| 20 | RECEPT. BOARD RM. FRIDGE | | 15 | • | | 15 | | SPARE | 50 |
| 21 | RECEPT. HALL 3, BOARD RM. 2, STAIRS 2 | | 15 | | • | 15 | | SPARE | 51 |
| 22 | SPACE | | | • | | | | SPACE | 52 |
| 23 | SPACE | | |] • | | | | SPACE | 53 |
| 24 | SPACE | | | | • | | | SPACE | 54 |
| 25 | SPACE | | | • | | | | SPACE | 55 |
| 26 | SPACE | | | | | | | SPACE | 56 |
| 27 | SPACE | | | | • | | | SPACE | 57 |
| 28 | SPACE | | | • | | | | SPACE | 58 |
| 29 | SPACE | | |] • | | | | SPACE | 59 |
| 30 | SPACE | | | | • | | | SPACE | 60 |
| VOLTAGE: 120/208VPHASE: 3WIRE: 4BREAKER I.C.: 10 kAMAIN BREAKER:MAINS: 225AFEEDER: 4/C #3/0 AWG TECKMOUNTING: SURFACELOCATION: | | | | | | | | | |
| | DUNTING: SURFACE LOCATI | | | | | | | | |
| | | | | | | | | | |
| NO | TES: | | | | | | | | |

Conditions of Use

Verify elevations and/or dimensions on drawing prior to use. Report any discrepancies to Dillon Consulting Limited.

Do not scale dimensions from drawing.

Do not modify drawing, re-use it, or use it for purposes other than those intended at the time of its preparation without prior written permission from Dillon Consulting Limited.



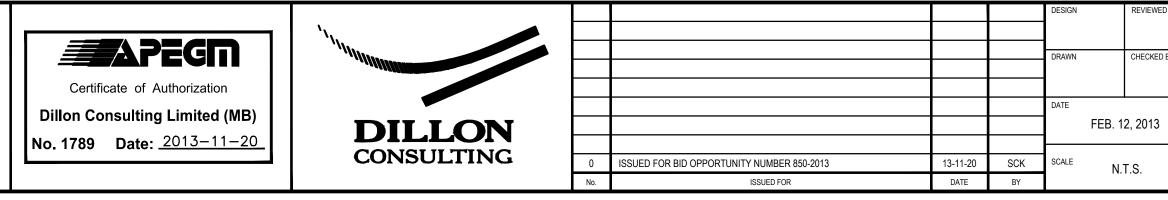
| | PANEL B | | | | | | | | | | |
|-----------|--|---------|--------------|----------------|--------------|--------|------------------|-----|-----------|--|--|
| CCT NO | DESCRIPTION | LOAD | TRIP AMPS | ABC | TRIP AMPS | LOAD | DESCRIPTION | | CCT NO | | |
| 01 | LAMP B1 (| GFI | 15 | • | | | SPACE | | 02 | | |
| 03 | | | 2P | | 15 | | LAMP B9 | GFI | 04 | | |
| 05 | SPACE | | |] | 2P | | | | 06 | | |
| 07 | LAMP B2 | FI | 15 | | | | | | 08 | | |
| 09 | | | 2P | | 15 | | LAMP B10 | GFI | 10 | | |
| 11 | SPACE | | | | 2P | | | | 12 | | |
| 13 | LAMP B3 (| GFI | 15 | 🛉 | | | SPACE | | 14 | | |
| 15 | | | 2P | <u> </u> ♦ | 15 | | LAMP B11 | GFI | 16 | | |
| 17 | SPACE | | | | 2P | | | | 18 | | |
| 19 | LAMP B4 | FI | 15 | • | | | SPACE | | 20 | | |
| 21 | | | 2P | | 15 | | LAMP B12 | GFI | 22 | | |
| 23 | SPACE | | | | 2P | | | | 24 | | |
| 25 | LAMP B5 | FI | 15 | • | | | SPACE | | 26 | | |
| 27 | | | 2P | <u> </u> ♦ | 15 | | LAMP B13 | GFI | 28 | | |
| 29 | SPACE | | | <u> </u> ♦ | 2P | | | | 30 | | |
| 31 | LAMP B6 0 | FI | 15 | • | | | SPACE | | 32 | | |
| 33 | | | 2P | <u> </u> ♦ | 15 | | LAMP B14 | GFI | 34 | | |
| 35 | SPACE | | | ┤││♥ | | | SPACE | | 36 | | |
| 37 | LAMP B7 | FI | 15 | • | | | SPACE | | 38 | | |
| 39 | | | 2P | ┤│♥│ | 15 | | LAMP B15 | GFI | 40 | | |
| 41 | SPACE | | | | 2P | | | | 42 | | |
| 43 | LAMP B8 | FI | 15 | • | | | SPACE | | 44 | | |
| 45 | | | 2P | ┤│╹╹ | 15 | | SUMP PUMP P3, P4 | GFI | 46 | | |
| 47 | SPACE | | 4.5 | | 2P | | 00405 | | 48 | | |
| 49 | 12V TRANSFORMER L.V. SHOWERS | | 15 | ┥╇╽╽ | 4.5 | | SPACE | | 50 | | |
| 51 | LIGHTING CONTROL PANEL | | 15 | ┤│╹╹ | 15 | | TORCH | GFI | 52 | | |
| 53 | SPARE SPARE | | 15 | ┤╽╿╹ | 2P | | SDACE | | 54 | | |
| 55 | SPARE | | 15 | ┤╹┤╵ | | | SPACE | | 56 | | |
| 57 | SPARE | | 15 15 | ┤│╹╽ | | | SPACE | | 58 60 | | |
| 59 | SPARE | | 15 | | | | SPACE | | 60 | | |
| VO | VOLTAGE: 120/208V PHASE: 3 WIRE: 4 BREAKER I.C.: 10 kA | | | | | | | | | | |
| MA | MAIN BREAKER: N/A MAINS: 225A FEEDER: 4C #3/0 AWG TECK | | | | | | | | | | |
| мо | UNTING: SURFACE LC | CATION: | BASEM | ENT I | NORTH | UTILID | OR WEST END | | | | |
| FEI | D FROM: PANEL 'Y' | | | | | | | | | | |
| NO | TES: | | | | | | | | | | |

| PANEL E | | | | | | | | | | |
|-----------|----------------------------------|--------|--------------|-------|----|--------------|--------|-------------------------------------|-----------|--|
| CCT NO | DESCRIPTION | LOAD | TRIP AMPS | AB | BC | TRIP AMPS | LOAD | DESCRIPTION | CCT NO | |
| 01 | | | 70 | • | | 15 | | VENDING | 31 | |
| 02 | SQR. 'D' SUB PANEL | | J 3P | | , | 15 | | VENDING | 32 | |
| 03 | | |] | | • | 15 | | VENDING | 33 | |
| 04 | WALL HEATER SWIMMERS | | 30 |] | | 15 | | VENDING | 34 | |
| 05 | ENTRANCE, SOUTH | | 2P | • | , | 30 | | ARCHIVES RM. AIR CONDITIONER | 35 | |
| 06 | SPACE | | | | • | 2P | | | 36 | |
| 07 | CHLORINE RM. CONVECTOR HEATER | | 15 | • | | 20 | | WALL HEATER N.W. EXIT DOOR | 37 | |
| 08 | | | 2P | • | | 2P | | VESTIBULE | 38 | |
| 09 | HAIR DRYER RM. CONVECTOR HEATER | | 15 | | • | 15 | | RECEPT. STAFF LUNCH ROOM | 39 | |
| 10 | | | 2P | • | | 2P | | | 40 | |
| 11 | RECEPT. VENDING / HOT TUB | | 15 |] • | • | 15 | | MEN'S STAFF LOCKER RM. CONVEC. HTR. | 41 | |
| 12 | | | 2P | | • | 2P | | | 42 | |
| 13 | WOMENS STAFF LOCKER RM. | | 15 |] | | 15 | | MEN'S STAFF SHOWER RM. CONVEC. HTR. | 43 | |
| 14 | CONVECTION HEATER | | 2P | 」 ♦ | | 2P | | | 44 | |
| 15 | TO BE VERIFIED | | 15 | | • | 15 | | MEN'S BASKET RM. CONVEC. HTR. | 45 | |
| 16 | | | 2P | • | | 2P | | | 46 | |
| 17 | WALL HTR. S.W. EXIT DOOR (VEST.) | | |] • | | 20 | | CHIEF GUARDS OFFICE AIR COND. | 47 | |
| 18 | RECEPT. BOARDROOM | | 15 | | • | 2P | | | 48 | |
| 19 | TO BE VERIFIED | | 30 | • | | 20 | | CHIEF INST.'S OFFICE AIR COND. | 49 | |
| 20 | | | 2P | • | • | 15 | | WALL HTR. SWIMMER'S CONFERENCE | 50 | |
| 21 | RECEPT. BOARDROOM | | 15 | | • | 2P | | VEST. NORTH SIDE GFCI | 51 | |
| 22 | SPACE | | | • | | | | SPACE | 52 | |
| 23 | SPACE | | |] • | | | | SPACE | 53 | |
| 24 | SPACE | | | | • | | | SPACE | 54 | |
| 25 | SPACE | | | • | | | | SPACE | 55 | |
| 26 | SPACE | | | • | | | | SPACE | 56 | |
| 27 | SPACE | | | | • | | | SPACE | 57 | |
| 28 | SPACE | | | • | | | | SPACE | 58 | |
| 29 | SPACE | | |] • | | | | SPACE | 59 | |
| 30 | SPACE | | | | ¢ | | | SPACE | 60 | |
| vo | LTAGE: 120/208V PHAS | E: 3 | | | | WIRI | E: 4 | BREAKER I.C.: 10 kA | | |
| MA | IN BREAKER: MAIN | S: 225 | 5A | | | FEE | DER: 4 | /C #3/0 AWG TECK | | |
| мс | UNTING: SURFACE LOCA | TION: | | | | | | | | |
| FE | D FROM: | | | | | | | | | |
| | TFS: | | | | | | | | | |

| PANEL C | | | | | | | | |
|--|------------------------------------|--------|--------------|-----------------|--------------|--------|------------------------------------|-----------|
| CCT NO | DESCRIPTION | LOAD | TRIP AMPS | <u>N</u> ABC | TRIP AMPS | LOAD | DESCRIPTION | CCT NO |
| 01 | | | 60 | • | 15 | | SUMP PUMP ALARM | 31 |
| 02 | PANEL C-C | | 3P | | 15 | | TO BE VERIFIED | 32 |
| 03 | | | | | 2P | | | 33 |
| 04 | WELDING RECEPT. BOILER RM. | | 50 |] | 15 | | ELECT. RM. EXHAUST FAN | 34 |
| 05 | | | 2P | | 15 | | TO BE VERIFIED | 35 |
| 06 | ROOM 01 LIGHTS | | 15 |] | 15 | | CASH REGISTER | 36 |
| 07 | SPARE | | 15 |] | 15 | | DOM. HW. PUMP. RECEPT. | 37 |
| 08 | ROOM 08 LIGHTS | | 15 |] • | 2P | | | 38 |
| 09 | SPARE | | 15 |] • | 15 | | FORCE FLOW STAIR 7,8, EXH. FAN 115 | 39 |
| 10 | ROOM 01 LIGHTS | | 15 |] | 15 | | DOM. HW REC. PUMP | 40 |
| 11 | ROOM 01 LIGHTS | | 15 |] • | 2P | | | 41 |
| 12 | ROOM 01 LIGHTS | | 15 |] | 15 | | FORCE FLOW RM. 104, 105 | 42 |
| 13 | SPARE | | 15 |] | 15 | | MAIN PUMP PRIME SAFETY SHUT OFF | 43 |
| 14 | ROOM 01 LIGHTS | | 15 |] • | 15 | | DE FEEDERS | 44 |
| 15 | ROOM 01 LIGHTS | | 15 |] | 15 | | UNIT HEATER RM. 154 | 45 |
| 16 | ROOM 02 RECEPT. | | 15 |] | 15 | | TO BE VERIFIED | 46 |
| 17 | | | 2P | | 15 | | COOLER | 47 |
| 18 | RM. 01,02 STAIR #4 RECEPT | | 15 |] ♦ | 15 | | EMERG. LIGHTS | 48 |
| 19 | ROOM 01 RECEPT. | | 15 |] | 30 | | | 49 |
| 20 | ROOM 01,08 RECEPT. | | 30 |] • | 3P | | SUB FEEDER GLYCOL PUMPS | 50 |
| 21 | ROOM 01,03, RECEPT. TRANS RM. E.L. | | 15 |] • | | | | 51 |
| 22 | SPACE | | |] | | | SPACE | 52 |
| 23 | SPACE | | |] • | | | SPACE | 53 |
| 24 | SPACE | | |] • | | | SPACE | 54 |
| 25 | SPACE | | |] | | | SPACE | 55 |
| 26 | SPACE | | |] • | | | SPACE | 56 |
| 27 | SPACE | | | 1 ♦ | | | SPACE | 57 |
| 28 | SPACE | | |] | | | SPACE | 58 |
| 29 | SPACE | | | 1 ♦ | | | SPACE | 59 |
| 30 | SPACE | | |] ♦ | | | SPACE | 60 |
| VOLTAGE: 120/208V PHASE: 3 WIRE: 4 BREAKER I.C.: 10 kA | | | | | | | | |
| MA | N BREAKER: MAIN | S: 225 | δA | | FEE | DER: 4 | /C #3/0 AWG TECK | |
| мо | UNTING: SURFACE LOCA | TION: | EXISTIN | IG BA | SEMEN | T ELEC | CTRICAL ROOM | |
| | | | | | | | | |
| FEI |) FROM: | | | | | | | |

| PANEL F | | | | | | | | |
|--|-----------------------------|---------|--------------|---------------------|---------------------|--------|--------------------------------|-----------|
| CCT NO | DESCRIPTION | LOAD | TRIP AMPS | ABC | TRIP AMPS | LOAD | DESCRIPTION | CCT NO |
| 01 | SPARE | | 15 | • | 15 | | LTG. RM. 206 & WOMAN'S WASHRM. | 31 |
| 02 | SPARE | | 15 | 1 ♦ | 15 | | LTG. RM. 207 | 32 |
| 03 | SPARE | | 15 | 1 🛉 | 15 | | LTG. RM. 208 & MENS WASHROOM | 33 |
| 04 | SPARE | | 15 | │ ♦ | 15 | | LTG. RM. 204,205,209,211 | 34 |
| 05 | SPARE | | 15 | 1 ♦ | 15 | | LTG. RM. 210 | 35 |
| 06 | SPARE | | 15 | 1 | 15 | | LTG. RM. 213 & P.A. SYSTEM | 36 |
| 07 | SPARE | | 15 | 1♦ | 15 | | LTG. RM. 216 | 37 |
| 80 | SPARE | | 15 | ┤│∳│ | 15 | | LTG. RM. 215,218, DISPLAYS | 38 |
| 09 | SPARE | | 15 | ┤ │ │ | 15 | | LTG. RM. 217 | 39 |
| 10 | SPARE | | 15 | 1 ♦ | 15 | | SPARE | 40 |
| 11 | SPARE | | 15 | 1 | 15 | | EXIT LIGHTS | 41 |
| 12 | SPARE | | 15 | 1 | 15 | | SHOW CASE LIGHTS | 42 |
| 13 | SPARE | | 15 | 1 ♦ | 15 | | SPARE | 43 |
| 14 | SPARE | | 15 | ┤│┢│ | 15 | | WOMEN'S SHOWER CONTROLS | 44 |
| 15 | SPARE | | 15 | ┤ │ │ ∳ | 20 | | HAND DRYER – HANDICAPPED GFCI | 45 |
| 16 | SPARE | | 15 | 1 ♦ | 20 | | HAND DRYER – HANDICAPPED GFCI | 46 |
| 17 | SPARE | | 15 | 1 ♦ | 60 | | HAND DRYER – HANDICAPPED | 47 |
| 18 | SPARE | | 15 | 1 | 2P | | | 48 |
| 19 | SPARE | | 15 | ┤┥┥│ | 15 | | RECEPT. FLOOR SCRUBBER | 49 |
| 20 | LTG. SUN DECK | | 15 | ┤│┢│ | 2P | | GFCI | 50 |
| 21 | LTG. SUN DECK, RECEPT. POLE | | 15 | ┤ │ │ ∳ | 15 | | L.V. TRANSFORMER | 51 |
| 22 | SPACE | | | 1 ♦ | | | SPACE | 52 |
| 23 | SPACE | | | ┤│┢│ | | | SPACE | 53 |
| 24 | SPACE | | | ┤││∳ | | | SPACE | 54 |
| 25 | SPACE | | | | | | SPACE | 55 |
| 26 | SPACE | | | 1 ↓ | | | SPACE | 56 |
| 27 | SPACE | | | | | | SPACE | 57 |
| 28 | SPACE | | | ┤┥┥│ | | | SPACE | 58 |
| 29 | SPACE | | | ╡╽ <mark></mark> ┥╽ | | | SPACE | 59 |
| 30 | SPACE | | | ┤││∳ | | | SPACE | 60 |
| VOLTAGE: 120/208V PHASE: 3 WIRE: 4 BREAKER I.C.: 10 kA | | | | | | | | |
| MA | IN BREAKER: MAIN | NS: 225 | 5A | | FEE | DER: 4 | /C #3/0 AWG TECK | |
| МС | OUNTING: SURFACE LOC | ATION: | MAIN F | FLOOF | r, sou ⁻ | тн рос | DL STORAGE ROOM No.145 | |
| FE | D FROM: | | | | | | | |
| | TES: | | | | | | | |

NOTES:



| ED BY | PAN AM POOL ELECTRICAL UPGRADE | PROJECT NO. 137300 |
|-------|--------------------------------------|------------------------------|
| | ELECTRICAL PANEL SCHEDULES 2 OF 4 | SHEET NO. |