## PANEL LP-A

PANEL ID. LP-A — VOLTS 120/208V — LOCATION P2 ELEC. RM.
MAIN BUS 225A — PHASE 3 — FED FROM MDP-A1
MAIN BKR. — WIRE — ENTER AT — MTG
TYPE — FEEDER

| CIR NO. | DESCRIPTION | WATTAGE ØA | ØB | ØC | BKR AMP. | BKR AMP. | WATTAGE ØA | ØB | ØC | DESCRIPTION | CIR NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | PARKING LIGHTS (P2) | | | | 20 | 15 | | | | EF-1, MD (P2) | 2 |
| 3 | | | | | 20 | 15 | | | | EF-2, MD (P2) | 4 |
| 5 | | | | | 20 | 15 | | | | EF-3, MD (P2) | 6 |
| 7 | | | | | 20 | 15 | | | | EF-4, MD (P2) | 8 |
| 9 | | | | | 20 | 15 | | | | EF-5, MD (P2) | 10 |
| 11 | | | | | 20 | 15 | | | | EF-6, MD (P1) | 12 |
| 13 | PARKING LIGHTS (P3) | | | | 20 | 15 | | | | EF-7, MD (P1) | 14 |
| 15 | | | | | 20 | 15 | | | | EF-8, MD (P1) | 16 |
| 17 | | | | | 20 | 15 | | | | EF-9, MD (P1) | 18 |
| 19 | | | | | 20 | 15 | | | | EF-12, MD (P1) | 20 |
| 21 | | | | | 20 | 15 | | | | EF-13, MD (P1) | 22 |
| 23 | | | | | 20 | 15 | | | | EF-14, MD (P1) | 24 |
| 25 | PARKING LIGHTS (RAMP) | | | | 20 | 15 | | | | EF-15, MD (P1) | 26 |
| 27 | REC. CO P2 | | | | 15 | 15 | | | | EF-16, MD (P1) | 28 |
| 29 | REC. LOCKERS P2 | | | | 15 | 15 | | | | EF-23, MD (P1) | 30 |
| 31 | REC. LOCKERS & EXHAUST RM. P2 | | | | 15 | 15 | | | | EF-11, MD (P2) | 32 |
| 33 | REC. ELEC., CH. & AHU RMS P2 | | | | 15 | 15 | | | | | 34 |
| 35 | MECH. CONTROL-AHU RM. P2 | | | | 15 | 15 | | | | | 36 |
| 37 | MECH. CONTROL-AHU RM. P2 | | | | 15 | 15 | | | | | 38 |
| 39 | REC. CO P1 | | | | 15 | 15 | | | | AHU, MD | 40 |
| 41 | REC. LOCKERS P1 | | | | 15 | 15 | | | | MONITORING PANEL & SENSOR | 42 |
| 43 | REC. LOCKERS, GEN. & WATER RM. P1 | | | | 15 | 15 | | | | FIN TUBE CONTROL VALVE (P1) | 44 |
| 45 | MECH. CONTROL-WATER RM. P1 | | | | 15 | 15 | | | | | 46 |
| 47 | REC. STAFF RM. | | | | 20 | 15 | | | | | 48 |
| 49 | DISH WASHER STAFF RM. | | | | 15 | 15 | | | | EF-10, MD (P2) | 50 |
| 51 | FRIDGE STAFF RM. | | | | 15 | 15 | | | | EF-21, MD (P2) | 52 |
| 53 | MECH. CONTROL-WATER RM. P1 | | | | 15 | 15 | | | | UH-A (P1) | 54 |
| 55 | MECH. CONTROL-CH RM. P2 | | | | 15 | 15 | | | | UH-A (P1) | 56 |
| 57 | MECH. CONTROL-CH RM. P2 | | | | 15 | 15 | | | | CU (P1) | 58 |
| 59 | ALARM STROBE & LIGHT | | | | 15 | 15 | | | | | 60 |
| 61 | OCUPANCY SENSOR RELAY PANEL | | | | 15 | 15 | | | | | 62 |
| 63 | REC. P1 | | | | 15 | 15 | | | | | 64 |
| 65 | REC. AHU RM. P2 | | | | 15 | 15 | | | | | 66 |
| 67 | | | | | 15 | 15 | | | | | 68 |
| 69 | SPARE | | | | 15 | 15 | | | | SPARE | 70 |
| 71 | | | | | 15 | 15 | | | | | 72 |
| 73 | | | | | 15 | 15 | | | | | 74 |
| 75 | | | | | 15 | 15 | | | | | 76 |
| 77 | SPACE | | | | | | | | | SPACE | 78 |
| 79 | | | | | | | | | | | 80 |
| 81 | | | | | | | | | | | 82 |
| 83 | | | | | | | | | | | 84 |

Ø #A' TOTAL W
Ø #B' TOTAL : - W
Ø #C' TOTAL : - W
TOTAL CONNECTED LOAD - KW (APPROX) — 22KA I.C.

## PANEL LP-B

PANEL ID. LP-B — VOLTS 120/208V — LOCATION P2 ELEC. RM.
MAIN BUS 225A — PHASE 3 — FED FROM MDP-A1
MAIN BKR. — WIRE — ENTER AT — MTG
TYPE — FEEDER

| CIR NO. | DESCRIPTION | WATTAGE ØA | ØB | ØC | BKR AMP. | BKR AMP. | WATTAGE ØA | ØB | ØC | DESCRIPTION | CIR NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | SIGNAGE | | | | 15 | 15 | | | | REC. ELEC. S. CLOSET (G/F TO 9/F) | 2 |
| 3 | TRUCK SIGN LTIGHT | | | | 15 | 15 | | | | REC. ELEC. N. CLOSET (2/F TO 9/F) | 4 |
| 5 | CONTROL PANEL-TRUCK WARN SIGN | | | | 15 | 15 | | | | REC. ELEC. N. CLOSET (10/F TO 14/F) | 6 |
| 7 | VFCU | | | | | 15 | | | | REC. ELEC. N. CLOSET (22/F TO 32/F) | 8 |
| 9 | FFH-A | | | | 15 | 15 | | | | REC. ELEV. LOBBY (P2 TO 8/F) | 10 |
| 11 | FFH-A & FFH-B | | | | 15 | 15 | | | | REC. CORRIDOR (2/F TO 8/F) | 12 |
| 13 | FFH-A & FFH-B | | | | 15 | 15 | | | | | 14 |
| 15 | FFH-B | | | | 15 | 15 | | | | | 16 |
| 17 | EF-25, MD | | | | 15 | 15 | | | | | 18 |
| 19 | EF-29, MD | | | | 15 | 15 | | | | | 20 |
| 21 | BISORTER | | | | 20 | 15 | | | | | 22 |
| 23 | COMPACTOR 4-1/C #12AWG + G | | | | 20 | 15 | | | | | 24 |
| 25 | | | | | 3P | 15 | | | | REC. CORRIDOR (2/F TO 5/F) | 26 |
| 27 | | | | | | 15 | | | | REC. CORRIDOR (2/F TO 5/F) | 28 |
| 29 | VFCU | | | | 15 | 15 | | | | REC. ELEV. LOBBY (9 TO 14/F) | 30 |
| 31 | | | | | 15 | 15 | | | | REC. CORRIDOR (9/F TO 14/F) | 32 |
| 33 | | | | | 15 | 15 | | | | | 34 |
| 35 | | | | | 15 | 15 | | | | | 36 |
| 37 | | | | | 15 | 15 | | | | | 38 |
| 39 | | | | | 15 | 15 | | | | REC. STAIR A(G/F) & J(9F,6F,3F) | 40 |
| 41 | | | | | 15 | 15 | | | | REC. STAIR F (14F,11F,8F,5F,2F) | 42 |
| 43 | | | | | 15 | 15 | | | | REC. STAIR G (14F,11F,8F,5F,2F) | 44 |
| 45 | | | | | 15 | 15 | | | | CORRIDOR & LOCKER LIGHTS (2/F) | 46 |
| 47 | | | | | 15 | 15 | | | | CORRIDOR LIGHTS (3/F) | 48 |
| 49 | HFCU | | | | 15 | 15 | | | | CORRIDOR LIGHTS (4/F) | 50 |
| 51 | | | | | 2P | 15 | | | | CORRIDOR LIGHTS (5/F & 6/F) | 52 |
| 53 | TWIST LOCK RECEPTACLE FOR SWING STAGE | | | | 30 | 15 | | | | CORRIDOR LIGHTS (7/F & 8/F) | 54 |
| 55 | | | | | 3P | 15 | | | | CORRIDOR LIGHTS (9/F TO 11/F) | 56 |
| 57 | | | | | | 15 | | | | CORRIDOR LIGHTS (12/F TO 14/F) | 58 |
| 59 | TWIST LOCK RECEPTACLE FOR SWING STAGE | | | | 30 | 15 | | | | EF-19, MD | 60 |
| 61 | | | | | 3P | 15 | | | | FIN TUBE CONTROL VALVE (G/F) | 62 |
| 63 | | | | | | 15 | | | | FIN TUBE CONTROL VALVE (G/F) | 64 |
| 65 | | | | | 100 | 15 | | | | FIN TUBE CONTROL VALVE (2/F) | 66 |
| 67 | LP-B1 | | | | | 15 | | | | EF-24, MD | 68 |
| 69 | | | | | 3P | 15 | | | | EF-21, MD | 70 |
| 71 | SPARE | | | | 15 | 15 | | | | SPARE | 72 |
| 73 | | | | | 15 | 15 | | | | | 74 |
| 75 | | | | | 15 | 15 | | | | | 76 |
| 77 | SPACE | | | | | | | | | SPACE | 78 |
| 79 | | | | | | | | | | | 80 |
| 81 | | | | | | | | | | | 82 |
| 83 | | | | | | | | | | | 84 |

Ø #A' TOTAL W
Ø #B' TOTAL : - W
Ø #C' TOTAL : - W
TOTAL CONNECTED LOAD - KW (APPROX) — 22KA I.C.

## PANEL LP-B1

PANEL ID. LP-B1 — VOLTS 120/208V — LOCATION P2 ELEC. RM.
MAIN BUS 125A — PHASE 3 — FED FROM LP-B
MAIN BKR. - — WIRE — ENTER AT — MTG
TYPE — FEEDER

| CIR NO. | DESCRIPTION | WATTAGE ØA | ØB | ØC | BKR AMP. | BKR AMP. | WATTAGE ØA | ØB | ØC | DESCRIPTION | CIR NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | FIRE PLACE | | | | 20 | 20 | | | | LIGHTS (G/F) | 2 |
| 3 | RECEPTACLE-TV | | | | 15 | 20 | | | | | 4 |
| 5 | GYM EQUIP. RECEPTACLE | | | | 15 | 20 | | | | | 6 |
| 7 | | | | | 15 | 20 | | | | | 8 |
| 9 | | | | | 15 | 20 | | | | | 10 |
| 11 | | | | | 15 | 20 | | | | | 12 |
| 13 | | | | | 15 | 20 | | | | | 14 |
| 15 | | | | | 15 | 20 | | | | | 16 |
| 17 | | | | | 15 | 20 | | | | | 18 |
| 19 | | | | | 15 | 20 | | | | | 20 |
| 21 | | | | | 15 | 20 | | | | | 22 |
| 23 | | | | | 15 | 20 | | | | | 24 |
| 25 | | | | | 15 | 20 | | | | | 26 |
| 27 | MECH. CONTROL-MECH RM. G/F | | | | 15 | 20 | | | | | 28 |
| 29 | MECH. CONTROL-MECH RM. G/F | | | | 15 | 20 | | | | | 30 |
| 31 | RECEPTACLE-PROJECTOR | | | | 15 | 15 | | | | RECEPTACLE | 32 |
| 33 | RECEPTACLE-TV (G/F) | | | | 15 | 20 | | | | RECEPTACLE | 34 |
| 35 | RECEPTACLE-TV | | | | 15 | 20 | | | | RECEPTACLE | 36 |
| 37 | RECEPTACLES | | | | 15 | 15 | | | | RECEPTACLE-TV | 38 |
| 39 | | | | | 15 | 15 | | | | MICROWAVE | 40 |
| 41 | | | | | 15 | 15 | | | | RECEPTACLE | 42 |
| 43 | | | | | 15 | 20 | | | | RECEPTACLE | 44 |
| 45 | DISH WASHER | | | | 15 | 15 | | | | COPY/FAX | 46 |
| 47 | FRIDGE | | | | 15 | 15 | | | | RECEPTACLE | 48 |
| 49 | RECEPTACLES | | | | 15 | 15 | | | | | 50 |
| 51 | | | | | 15 | 15 | | | | | 52 |
| 53 | | | | | 15 | 15 | | | | | 54 |
| 55 | | | | | 15 | 15 | | | | FRIDGE | 56 |
| 57 | | | | | 15 | 15 | | | | MICROWAVE | 58 |
| 59 | | | | | 15 | 30 | | | | STOVE (1) | 60 |
| 61 | FIRE PLACE | | | | 20 | 2P | | | | | 62 |
| 63 | RECEPTACLES | | | | 15 | 15 | | | | DISH WASHER | 64 |
| 65 | | | | | 15 | 15 | | | | RECEPTACLE | 66 |
| 67 | | | | | 15 | 15 | | | | SPARE | 68 |
| 69 | BOTTLE FILLING STATION | | | | 15 | 15 | | | | | 70 |
| 71 | SPARE | | | | 15 | 15 | | | | | 72 |
| 73 | | | | | 15 | 15 | | | | | 74 |
| 75 | | | | | 15 | 15 | | | | | 76 |
| 77 | SPACE | | | | | | | | | SPACE | 78 |
| 79 | | | | | | 15 | | | | QUADLOGIC PANEL | 80 |
| 81 | | | | | | 3P | | | | | 82 |
| 83 | | | | | | | | | | | 84 |

Ø #A' TOTAL - W
Ø #B' TOTAL : - W
Ø #C' TOTAL : - W
TOTAL CONNECTED LOAD - KW (APPROX) — 22KA I.C.

NOTE: 1. DIV. 16 TO CONFIRM BREAKER SIZE WITH APPLIANCE SHOP DRAWINGS

## PANEL LP-C

PANEL ID. LP-C — VOLTS 120/208V — LOCATION P2 ELEC. RM.
MAIN BUS 125A — PHASE 3 — FED FROM
MAIN BKR. - — WIRE — ENTER AT — MTG
TYPE EMERGENCY CCT (LIFE SAFETY) — FEEDER

| CIR NO. | DESCRIPTION | WATTAGE ØA | ØB | ØC | BKR AMP. | BKR AMP. | WATTAGE ØA | ØB | ØC | DESCRIPTION | CIR NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | CU | | | | 20 | 20 | | | | CU | 2 |
| 3 | | | | | 2P | 2P | | | | | 4 |
| 5 | | | | | 20 | 30 | | | | | 6 |
| 7 | | | | | 2P | 2P | | | | | 8 |
| 9 | | | | | 30 | 20 | | | | | 10 |
| 11 | | | | | 2P | 2P | | | | | 12 |
| 13 | | | | | 35 | 30 | | | | | 14 |
| 15 | | | | | 3P | 2P | | | | | 16 |
| 17 | | | | | | 30 | | | | | 18 |
| 19 | | | | | 20 | 2P | | | | | 20 |
| 21 | | | | | 2P | 30 | | | | | 22 |
| 23 | | | | | | 2P | | | | | 24 |
| 25 | SCU, 9MCAC | | | | 15 | 30 | | | | | 26 |
| 27 | | | | | 2P | 3P | | | | | 28 |
| 29 | SAC | | | | 15 | | | | | | 30 |
| 31 | | | | | 2P | 15 | | | | | 32 |
| 33 | | | | | | 15 | | | | | 34 |
| 35 | | | | | | | | | | | 36 |
| 37 | | | | | | | | | | | 38 |
| 39 | | | | | | | | | | | 40 |
| 41 | | | | | | | | | | | 42 |
| 43 | | | | | | | | | | | 44 |
| 45 | | | | | | | | | | | 46 |
| 47 | | | | | | | | | | | 48 |
| 49 | | | | | | | | | | | 50 |
| 51 | | | | | | | | | | | 52 |
| 53 | | | | | | | | | | | 54 |
| 55 | | | | | | | | | | | 56 |
| 57 | | | | | | | | | | | 58 |
| 59 | | | | | | | | | | | 60 |
| 61 | | | | | | | | | | | 62 |
| 63 | | | | | | | | | | | 64 |
| 65 | | | | | | | | | | | 66 |
| 67 | | | | | | | | | | | 68 |
| 69 | | | | | | | | | | | 70 |
| 71 | SPARE | | | | 15 | 15 | | | | SPARE | 72 |
| 73 | | | | | 15 | 15 | | | | | 74 |
| 75 | | | | | 15 | 15 | | | | | 76 |
| 77 | SPACE | | | | | | | | | SPACE | 78 |
| 79 | | | | | | | | | | | 80 |
| 81 | | | | | | | | | | | 82 |
| 83 | | | | | | | | | | | 84 |

Ø #A' TOTAL - W
Ø #B' TOTAL : - W
Ø #C' TOTAL : - W
TOTAL CONNECTED LOAD - KW (APPROX) — 18KA I.C.

## PANEL LP-P

PANEL ID. LP-P — VOLTS 120/208V — LOCATION 9/F POOL MECH. RM.
MAIN BUS — PHASE 3 — FED FROM PP-P
MAIN BKR. 125A — WIRE 4 — ENTER AT — MTG
TYPE — FEEDER

| CIR NO. | DESCRIPTION | WATTAGE ØA | ØB | ØC | BKR AMP. | BKR AMP. | WATTAGE ØA | ØB | ØC | DESCRIPTION | CIR NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | LIGHTS | | | | 20 | 15 | | | | CHEMICAL CONTROLLER | 2 |
| 3 | POOL ACID FEED PUMP | | | | 15 | 15 | | | | WLC SYSTEM | 4 |
| 5 | MECHANICAL CONTROL | | | | 15 | 15 | | | | UV SYSTEM | 6 |
| 7 | MECHANICAL CONTROL | | | | 15 | 15 | | | | RECEPTACLES | 8 |
| 9 | IRRIAGTION CONTROLLER | | | | 15 | 15 | | | | RECEPTACLES | 10 |
| 11 | 3KW FFH UNIT | | | | 20 | 15 | | | | RECEPTACLES | 12 |
| 13 | | | | | 2P | 15 | | | | EF-38, MD | 14 |
| 15 | | | | | | | | | | | 16 |
| 17 | | | | | | | | | | | 18 |
| 19 | | | | | | | | | | | 20 |
| 21 | | | | | | | | | | | 22 |
| 23 | | | | | | | | | | | 24 |
| 25 | | | | | | | | | | | 26 |
| 27 | | | | | | | | | | | 28 |
| 29 | | | | | | | | | | | 30 |
| 31 | | | | | | | | | | | 32 |
| 33 | | | | | | | | | | | 34 |
| 35 | SPARE | | | | 15 | 15 | | | | SPARE | 36 |
| 37 | SPARE | | | | 15 | 15 | | | | SPARE | 38 |
| 39 | SPACE | | | | | | | | | SPACE | 40 |
| 41 | SPACE | | | | | | | | | SPACE | 42 |

Ø #A' TOTAL - W
Ø #B' TOTAL : - W
Ø #C' TOTAL : - W
TOTAL CONNECTED LOAD - KW (APPROX) — 22KA I.C.

## PANEL LP-PG

PANEL ID. LP-PG — VOLTS 120/208V — LOCATION P1 POOL MECH. RM.
MAIN BUS — PHASE 3 — FED FROM PP-P
MAIN BKR. 125A — WIRE 4 — ENTER AT — MTG
TYPE — FEEDER

| CIR NO. | DESCRIPTION | WATTAGE ØA | ØB | ØC | BKR AMP. | BKR AMP. | WATTAGE ØA | ØB | ØC | DESCRIPTION | CIR NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | LIGHTS | | | | 20 | 15 | | | | CHEMICAL CONTROLLER | 2 |
| 3 | POOL ACID FEED PUMP | | | | 15 | 15 | | | | WLC SYSTEM | 4 |
| 5 | MECHANICAL CONTROL | | | | 15 | 15 | | | | UV SYSTEM | 6 |
| 7 | MECHANICAL CONTROL | | | | 15 | 15 | | | | RECEPTACLES | 8 |
| 9 | IRRIGATION CONTROLLER | | | | | 15 | | | | RECEPTACLES | 10 |
| 11 | | | | | | 15 | | | | RECEPTACLES | 12 |
| 13 | | | | | | | | | | | 14 |
| 15 | | | | | | | | | | | 16 |
| 17 | | | | | | | | | | | 18 |
| 19 | | | | | | | | | | | 20 |
| 21 | | | | | | | | | | | 22 |
| 23 | | | | | | | | | | | 24 |
| 25 | | | | | | | | | | | 26 |
| 27 | | | | | | | | | | | 28 |
| 29 | | | | | | | | | | | 30 |
| 31 | | | | | | | | | | | 32 |
| 33 | | | | | | | | | | | 34 |
| 35 | SPARE | | | | 15 | 15 | | | | SPARE | 36 |
| 37 | SPARE | | | | 15 | 15 | | | | SPARE | 38 |
| 39 | SPACE | | | | | | | | | SPACE | 40 |
| 41 | SPACE | | | | | | | | | SPACE | 42 |

Ø #A' TOTAL - W
Ø #B' TOTAL : - W
Ø #C' TOTAL : - W
TOTAL CONNECTED LOAD - KW (APPROX) — 22KA I.C.

## PANEL HT

FOR HEAT TRACE AND SONW MELTING

PANEL ID. HT — VOLTS 120/208V — LOCATION P2 ELEC. RM.
MAIN BUS 100A — PHASE 3 — FED FROM MDP-A1
MAIN BKR. — WIRE — ENTER AT — MTG
TYPE — FEEDER

| CIR NO. | DESCRIPTION | WATTAGE ØA | ØB | ØC | BKR AMP. | BKR AMP. | WATTAGE ØA | ØB | ØC | DESCRIPTION | CIR NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | CONCRETE TRENCH | - | | | 15 | 20 | | | | HEAT TRACE | 2 * |
| * 3 | HEAT TRACE | | - | | 2P | 20 | | | | | 4 * |
| 5 | CONCRETE TRENCH | | | - | 15 | 20 | | | | | 6 * |
| * 7 | HEAT TRACE | - | | | 2P | 20 | | | | | 8 * |
| * 9 | HEAT TRACE | | - | | 20 | 20 | | | | | 10 * |
| 11 | | | | - | 20 | 20 | | | | | 12 * |
| 13 | | | | | 20 | 20 | | | | | 14 * |
| 15 | | | | | 20 | 20 | | | | | 16 * |
| 17 | | | | | 20 | 20 | | | | | 18 * |
| 19 | | | | | 20 | 20 | | | | | 20 * |
| 21 | | | | | 20 | 20 | | | | | 22 * |
| 23 | | | | | 20 | 20 | | | | | 24 * |
| 25 | | | | | 20 | 20 | | | | | 26 * |
| 27 | SPARE | | | | 20 | 20 | | | | SPARE | 28 |
| 29 | | | | | 20 | 20 | | | | | 30 |
| 31 | | | | | 20 | 20 | | | | | 32 |
| 33 | | | | | 20 | 20 | | | | | 34 |
| 35 | SPACE | | | | | | | | | SPACE | 36 |
| 37 | | | | | | | | | | | 38 |
| 39 | | | | | | | | | | | 40 |
| 41 | | | | | | | | | | | 42 |

Ø #A' TOTAL - W
Ø #B' TOTAL : - W
Ø #C' TOTAL : - W
TOTAL CONNECTED LOAD - KW (APPROX)

NOTES: 1. REQUIRES THE USE OF GFPD'S W/30mA TRIP LEVEL ON ALL CIRCUITS.
2. * DENOTES GFI

## SUITE DISTRIBUTON PANEL SCHEDULE (REFER TO DRAWING E-14 FOR PANEL NUMBER & LOCATIONS)

PANEL ID. SDP-XX — VOLTS 120/208 — LOCATION ELEC. CLOSETS
MAIN BUS 600A — PHASE 3 — FED FROM MSDP
MAIN BKR. - — WIRE 4 — ENTER AT - MTG -
TYPE — FEEDER 2-4 #500 MCM (CU) + GRD

| CIRCUIT DESCRIPTION | CIRCUIT NO. |
|---|---|
| - | SPARE |
| 1-15A 3P BREAKER FOR QUADLOGIC PANEL | 2, 4, 6 |
| 100A 2P BREAKERS FOR SUITE PANELS | 7 TO 66 SUITE FEEDERS TO BE 3#NUAL 32mm C (TYPICAL) |
| | |
| TOTAL: 72 CIRCUITS AS REQUIRED | |

TOTAL CONNECTED LOAD - KW (APPROX)

## SUITE PANEL FOR IN KITCHEN WITH COOKTOP AND OVEN

PANEL ID. TYP. SUITE — VOLTS 120/208 — LOCATION SUITE
MAIN BUS 100 — PHASE 1 — FED FROM -
MAIN BKR. — WIRE 3 — ENTER AT - MTG -
TYPE - — FEEDER 3# 3 CU AWG + GRD IN 1 1/4" C

| CIR. NO. | DESCRIPTION | WATTAGE ØA | ØB | BKR AMP. | BKR AMP. | WATTAGE ØA | ØB | DESCRIPTION | CIR. |
|---|---|---|---|---|---|---|---|---|---|
| 1 | KITCHEN COUNTER (2) | | | 20 | 15 | | | SPARE | NO. |
| 3 | KITCHEN COUNTER (2) | | | 20 | 15 | | | REFRIGERATOR | 2 |
| 5 | DINING & ENTRY | | | 15 | 15 | | | DISH WASHER | 4 |
| 7 | BEDROOM/DEN (1) | | | 15 | 15 | | | KITCHEN/HALL, W/R | 8 |
| 9 | WASHROOMS (1) | | | 15 | 15 | | | BEDROOM & SMOKE ALARM | 10 |
| 11 | SPARE | | | 15 | 15 | | | FAMILY/LIVING ROOM | 12 |
| 13 | DRYER (3) | | | 30 | 15 | | | MASTER BEDROOM (1) | 14 |
| 15 | | | | 2P | 15 | | | MICROWAVE OVEN | 16 |
| 17 | FANS | | | 15 | 15 | | | KITCHEN HOOD | 18 |
| 19 | SPARE | | | 15 | 20 | | | FCU-1T, -1.5T OR -2T | 20 |
| 21 | COOKTOP (5) | | | 40 | 15 | | | SPARE | 22 |
| 23 | | | | 2P | 15 | | | WASHER | 24 |
| 25 | WALL OVEN (4) | | | 20 | 40 | | | STOVE (5) | 26 |
| 27 | | | | 2P | 2P | | | | 28 |

Ø #A' TOTAL : - W
Ø #B' TOTAL : - W
Ø #C' TOTAL : - W
TOTAL CONNECTED LOAD - KW (APPROX) — 18KA I.C.

NOTES: 1. BREAKER THAT PROTECT RECEPTACLES LOCATED IN BEDROOM SHALL BE ARCFAULT TYPE.
2. 20A BREAKER FOR CSA 5-20RA (T-SLOT) RECEPTACLES MTD ABOVE COUNTER SHALL BE GFI.
3. PROVIDE DRYER SENSOR TO START DRYER FAN WHEN THE DRYER IS RUNNING.
4. WHERE REQUIRED AS INDICATED ON LAYOUT
5. DIV. 16 TO CONFIRM BREAKER SIZE WITH APPLIANCE SHOP DRAWINGS

## FOR HYBRID VEHICLES PANEL

PANEL ID. PHEV — VOLTS 120/208V — LOCATION P2 ELEC. RM.
MAIN BUS — PHASE 3 — FED FROM MDP-A1
MAIN BKR. 225A — WIRE 4 — ENTER AT — MTG
TYPE — FEEDER

| CIR NO. | DESCRIPTION | WATTAGE ØA | ØB | ØC | BKR AMP. | BKR AMP. | WATTAGE ØA | ØB | ØC | DESCRIPTION | CIR NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | DEDICATED RECEPTACLE (EV) | | | | 40 | 40 | | | | DEDICATED RECEPTACLE (EV) | 2 |
| 3 | | | | | 2P | 2P | | | | | 4 |
| 5 | | | | | 40 | 40 | | | | | 6 |
| 7 | | | | | 2P | 2P | | | | | 8 |
| 9 | | | | | 40 | | | | | | 10 |
| 11 | | | | | 2P | | | | | | 12 |
| 13 | | | | | | | | | | | 14 |
| 15 | | | | | | | | | | | 16 |
| 17 | | | | | | | | | | | 18 |
| 19 | | | | | | | | | | | 20 |
| 21 | | | | | | | | | | | 22 |
| 23 | | | | | | | | | | | 24 |
| 25 | | | | | | | | | | | 26 |
| 27 | | | | | | | | | | | 28 |
| 29 | | | | | | | | | | SPARE | 30 |
| 31 | | | | | | | | | | SPARE | 32 |
| 33 | | | | | | | | | | SPACE | 34 |
| 35 | SPARE | | | | | | | | | SPACE | 36 |
| 37 | SPARE | | | | | 15 | | | | QUADLOGIC PANEL | 38 |
| 39 | SPACE | | | | | 3P | | | | | 40 |
| 41 | SPACE | | | | | | | | | | 42 |

Ø #A' TOTAL - W
Ø #B' TOTAL : - W
Ø #C' TOTAL : - W
TOTAL CONNECTED LOAD - KW (APPROX) — 22kA I.C.

## PANEL LP-R

PANEL ID. LP-R — VOLTS 120/208V — LOCATION ROOF ELEV.MACH. RM.
MAIN BUS 125A — PHASE 3 — FED FROM RDP
MAIN BKR. — WIRE — ENTER AT — MTG
TYPE — FEEDER

| CIR NO. | DESCRIPTION | WATTAGE ØA | ØB | ØC | BKR AMP. | BKR AMP. | WATTAGE ØA | ØB | ØC | DESCRIPTION | CIR NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | CHEMICAL PUMP | | | | 15 | 15 | | | | REC. STAIR K & MPH | 2 |
| * 3 | HEAT TRACE | | | | 15 | 15 | | | | UH-A, MD | 4 |
| 5 | TWIST LOCK RECEPTACLE FOR SWING STAGE | | | | 30 | 15 | | | | EF-22, MD | 6 |
| 7 | | | | | 3P | 15 | | | | MECH. CONTROL PANEL | 8 |
| 9 | | | | | | 15 | | | | MECH. CONTROL PANEL | 10 |
| 11 | TWIST LOCK RECEPTACLE FOR SWING STAGE | | | | 30 | 15 | | | | MECH. CONTROL PANEL | 12 |
| 13 | | | | | 3P | 15 | | | | MECH. CONTROL PANEL | 14 |
| 15 | | | | | | 15 | | | | MECH. CONTROL PANEL | 16 |
| 17 | LIGHTS IN MECH. ROOM | | | | 15 | 15 | | | | MECH. CONTROL PANEL | 18 |
| 19 | LIGHTS IN MECH. ROOM | | | | 15 | 30 | | | | TWIST LOCK RECEPTACLE FOR SWING STAGE | 20 |
| 21 | RECEPTACLES IN ELEV. MACH. RM. | | | | 15 | 3P | | | | | 22 |
| 23 | RECEPTACLES | | | | 15 | | | | | | 24 |
| 25 | RECEPTACLES | | | | 15 | 15 | | | | POOL BATTERY PACK (9/F) | 26 |
| 27 | RECEPTACLES | | | | 15 | 15 | | | | HP | 28 |
| 29 | LIGHTS | | | | 20 | 2P | | | | | 30 |
| 31 | EF-26, MD | | | | 15 | 30 | | | | HCU | 32 |
| 33 | EF-27, MD | | | | 15 | 2P | | | | | 34 |
| 35 | EF-28, MD | | | | 15 | 15 | | | | SAC | 36 |
| 37 | | | | | 15 | 2P | | | | | 38 |
| 39 | | | | | 15 | 15 | | | | SCU, 9MCA | 40 |
| 41 | | | | | 15 | 2P | | | | | 42 |
| 43 | | | | | | | | | | | 44 |
| 45 | | | | | | | | | | | 46 |
| 47 | | | | | | | | | | | 48 |
| 49 | SPARE | | | | 15 | 15 | | | | SPARE | 50 |
| 51 | | | | | 15 | 15 | | | | | 52 |
| 53 | | | | | 15 | 15 | | | | | 54 |
| 55 | SPACE | | | | | | | | | SPACE | 56 |
| 57 | | | | | | | | | | | 58 |
| 59 | | | | | | | | | | | 60 |

Ø #A' TOTAL W
Ø #B' TOTAL : - W
Ø #C' TOTAL : - W
TOTAL CONNECTED LOAD - KW (APPROX) — 22KA I.C.

NOTE: 1. * DENOTES GFI

## PANEL EP-ER

PANEL ID. EP-ER — VOLTS 120/208V — LOCATION ROOF ELEV.MACH. RM.
MAIN BUS 125A — PHASE 3 — FED FROM PANEL ELP-E
MAIN BKR. - — WIRE — ENTER AT — MTG
TYPE EMERGENCY CCT (LIFE SAFETY) — FEEDER

| CIR NO. | DESCRIPTION | WATTAGE ØA | ØB | ØC | BKR AMP. | BKR AMP. | WATTAGE ØA | ØB | ØC | DESCRIPTION | CIR NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | EXIT SIGNS | | | | 20 | 20 | | | | POOL LIGHTS (9/F) | 2 |
| 3 | STAIR K & MPH LIGHTS | | | | 20 | 15 | | | | | 4 |
| ** 5 | EXTERIOR MPH | | | | 20 | 20 | | | | ELEV. CAB LIGHT | 6 |
| 7 | AUTOMATIC SNOW MELTING CONTROLLER | | | | | 20 | | | | | 8 |
| 9 | | | | | 60 | 20 | | | | | 10 |
| 11 | | | | | 3P | 15 | | | | ELEVATOR CONTROL | 12 |
| 13 | | | | | | | | | | | 14 |
| 15 | | | | | | | | | | | 16 |
| 17 | | | | | | | | | | | 18 |
| 19 | | | | | | | | | | | 20 |
| 21 | | | | | | | | | | | 22 |
| 23 | | | | | | | | | | | 24 |
| 25 | | | | | | | | | | | 26 |
| 27 | | | | | - | | | | | | 28 |
| 29 | | | | | - | | | | | | 30 |
| 31 | | | | | - | - | | | | | 32 |
| 33 | | | | | - | - | | | | | 34 |
| 35 | SPARE | | | | 15 | 15 | | | | SPARE | 36 |
| 37 | SPARE | | | | 15 | 15 | | | | SPARE | 38 |
| 39 | SPACE | | | | - | - | | | | SPACE | 40 |
| 41 | SPACE | | | | - | - | | | | SPACE | 42 |

Ø #A' TOTAL - W
Ø #B' TOTAL : - W
Ø #C' TOTAL : - W
TOTAL CONNECTED LOAD - KW (APPROX) — 18kA I.C.

NOTES: 1. TC - DENOTES THIS CIRCUIT SHALL BE CONTROLLED BY TIMER.
2. ** DENOTES TC

## PANEL EP-ER1

PANEL ID. EP-ERI — VOLTS 120/208V — LOCATION ROOF ELEV.MACH. RM.
MAIN BUS 125A — PHASE 3 — FED FROM REDP1
MAIN BKR. - — WIRE — ENTER AT — MTG
TYPE EMERGENCY CCT(NON-LIFE SAFETY) — FEEDER

| CIR NO. | DESCRIPTION | WATTAGE ØA | ØB | ØC | BKR AMP. | BKR AMP. | WATTAGE ØA | ØB | ØC | DESCRIPTION | CIR NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | RECEPTACLES IN CCU ROOM | - | | | 15 | 15 | - | | | DOOR OPERATORS (9/F) | 2 |
| 3 | RECEPTACLES IN CCU ROOM | | - | | 15 | 20 | | - | | POOL LIGHTS (9/F) | 4 |
| 5 | RECEPTACLES IN ELEV. MACH. RM. | | | - | 15 | 15 | | | | B-3 IGNITION | 6 |
| 7 | RECEPTACLE IN ELEV. MACH. RM. | | | | 15 | 20 | | | | LIGHTS | 8 |
| 9 | RECEPTACLES-ELEV. SHAFT (14/F) | | | | 15 | 20 | | | | EXERIOR LIGHTS | 10 TC |
| 11 | B-1 IGNITION | | | | 20 | 20 | | | | B-2 IGNITION | 12 |
| 13 | | | | | 2P | 2P | | | | | 14 |
| 15 | SPACE | | | | | | | | | SPACE | 16 |
| 17 | SPACE | | | | | | | | | SPACE | 18 |

Ø #A' TOTAL - W
Ø #B' TOTAL : - W
Ø #C' TOTAL : - W
TOTAL CONNECTED LOAD - KW (APPROX) — 10kA I.C.

NOTES: PC - DENOTES THIS CIRCUIT SHALL BE CONTROLLED BY TIMER

## PANEL ELP-E

PANEL ID. ELP-E — VOLTS 120/208V — LOCATION P2 ELEC. RM.
MAIN BUS 225 — PHASE 3 — FED FROM EDP
MAIN BKR. - — WIRE — ENTER AT — MTG
TYPE EMERGENCY CCT (LIFE SAFETY) — FEEDER

| CIR NO. | DESCRIPTION | WATTAGE ØA | ØB | ØC | BKR AMP. | BKR AMP. | WATTAGE ØA | ØB | ØC | DESCRIPTION | CIR NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | EXIT SIGNS (P2 TO P1) | | | | 20 | 20 | | | | LIGHTS (G/F) | 2 |
| 3 | EXIT SIGNS (G/F TO 14/F) | | | | 20 | 20 | | | | | 4 |
| 5 | STAIR A LIGHTS (P2 TO G/F) | | | | 20 | 20 | | | | | 6 |
| 7 | STAIR B LIGHTS (P2 TO G/F) | | | | 20 | 20 | | | | | 8 |
| 9 | STAIR J LIGHTS (G/F TO 4/F) | | | | 20 | 20 | | | | | 10 |
| 11 | STAIR J LIGHTS (5/F TO 9/F) | | | | 20 | 20 | | | | | 12 |
| 13 | STAIR G LIGHTS (G/F TO 14/F) | | | | 20 | 20 | | | | | 14 |
| 15 | STAIR F LIGHTS (G/F TO 14/F) | | | | 20 | 20 | | | | | 16 |
| 17 | PARKING LIGHTS (P1) | | | | 20 | 20 | | | | | 18 |
| 19 | PARKING LIGHTS (P2) | | | | 20 | 20 | | | | | 20 |
| 21 | | | | | 20 | 20 | | | | | 22 |
| 23 | | | | | 20 | 20 | | | | CORRIDOR LIGHTS (2/F & 3/F) | 24 |
| 25 | | | | | 20 | 20 | | | | CORRIDOR LIGHTS (4/F & 5/F) | 26 |
| 27 | | | | | 20 | 20 | | | | CORRIDOR LIGHTS (6/F & 7/F) | 28 |
| 29 | PARKING LIGHTS (P1) | | | | 20 | 20 | | | | CORRIDOR LIGHTS (8/F TO 11/F) | 30 |
| 31 | | | | | 20 | 20 | | | | CORRIDOR LIGHTS (12/F TO 14/F) | 32 |
| 33 | | | | | 20 | 15 | | | | SF-2, MD (P1) | 34 |
| 35 | | | | | 20 | 15 | | | | SF-1, MD (G/F) | 36 |
| 37 | | | | | 20 | 15 | | | | SP1,2 CONTROL PANEL | 38 |
| 39 | REC. ELEVATOR PIT P2 | | | | 15 | 15 | | | | SP3,4 CONTROL PANEL | 40 |
| 41 | EMERGENCY BATTERY ELEC. RM. P2 | | | | 15 | 15 | | | | STP1,2 CONTROL PANEL | 42 |
| 43 | EMERGENCY BATTERY GEN. RM. P1 | | | | 15 | 15 | | | | FACP RECEPTACLE, OUTLET | 44 |
| 45 | | | | | 20 | 15 | | | | FACP TELEPHONE RECEPTACLE | 46 |
| 47 | | | | | 20 | 15 | | | | MOTORIZED DOOR | 48 |
| 49 | | | | | 20 | 15 | | | | MOTORIZED DOOR | 50 |
| 51 | | | | | 20 | 15 | | | | MOTORIZED DOOR | 52 |
| 53 | | | | | 20 | 15 | | | | | 54 |
| 55 | | | | | 20 | 20 | | | | | 56 |
| 57 | | | | | 20 | 20 | | | | | 58 |
| 59 | | | | | 15 | 15 | | | | | 60 |
| 61 | | | | | 15 | 15 | | | | | 62 |
| 63 | SPARE | | | | 15 | 3P | | | | QUADLOGIC PANEL | 64 |
| 65 | | | | | 15 | | | | | | 66 |
| 67 | | | | | 15 | 15 | | | | | 68 |
| 69 | | | | | 15 | 15 | | | | SPARE | 70 |
| 71 | SPACE | | | | | 15 | | | | | 72 |
| 73 | | | | | | 15 | | | | | 74 |
| 75 | | | | | | 15 | | | | | 76 |
| 77 | | | | | | | | | | SPACE | 78 |
| 79 | | | | | 60 | | | | | | 80 |
| 81 | ELP-ER | | | | | | | | | | 82 |
| 83 | | | | | 3P | | | | | | 84 |

Ø #A' TOTAL -
Ø #B' TOTAL : - W
Ø #C' TOTAL : - W
TOTAL CONNECTED LOAD - KW (APPROX) — 22KA I.C.

NOTES: PL - DENOTES THIS CIRCUIT WITH BREAKER PADLOCK.

## PANEL EP-E1

PANEL ID. EP-E1 — VOLTS 120/208V — LOCATION P2 ELEC. RM.
MAIN BUS 60A — PHASE 3 — FED FROM ELP-E2
MAIN BKR. - — WIRE — ENTER AT — MTG
TYPE EMERGENCY CCT(NON-LIFE SAFETY) — FEEDER

| CIR NO. | DESCRIPTION | WATTAGE ØA | ØB | ØC | BKR AMP. | BKR AMP. | WATTAGE ØA | ØB | ØC | DESCRIPTION | CIR NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ** 1 | EXTERIOR LIGHTING | | | | 20 | 20 | | | | EXTERIOR LIGHTING | 2 ** |
| ** 3 | EXTERIOR LIGHTING | | | | 20 | 20 | | | | EXTERIOR LIGHTING | 4 ** |
| ** 5 | EXTERIOR LIGHTING | | | | 20 | 20 | | | | EXTERIOR LIGHTING | 6 ** |
| ** 7 | EXTERIOR LIGHTING | | | | 20 | | | | | | 8 |
| ** 9 | EXTERIOR LIGHTING | | | | 20 | | | | | | 10 |
| 11 | | | | | | | | | | | 12 |
| 13 | SPARE | | | | 15 | 15 | | | | SPARE | 14 |
| 15 | SPACE | | | | | | | | | SPACE | 16 |
| 17 | SPACE | | | | | | | | | SPACE | 18 |

Ø #A' TOTAL - W
Ø #B' TOTAL : - W
Ø #C' TOTAL : - W
TOTAL CONNECTED LOAD - KW (APPROX) — 10KA I.C.

NOTES: 1. TC - DENOTES THIS CIRCUIT SHALL BE CONTROLLED BY TIMER.
2. ** DENOTES TC

## PANEL EP-E2

PANEL ID. EP-E2 — VOLTS 120/208V — LOCATION P2 ELEC. RM.
MAIN BUS 225A — PHASE 3 — FED FROM EDP-1
MAIN BKR. - — WIRE — ENTER AT — MTG
TYPE EMERGENCY CCT(NON-LIFE SAFETY) — FEEDER

| CIR NO. | DESCRIPTION | WATTAGE ØA | ØB | ØC | BKR AMP. | BKR AMP. | WATTAGE ØA | ØB | ØC | DESCRIPTION | CIR NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | CONCIERGE RECEPTACLES | | | | 15 | 15 | | | | DOOR OPERATORS (P2) | 2 |
| 3 | | | | | 15 | 15 | | | | DOOR OPERATORS (P1) | 4 |
| 5 | | | | | 15 | 15 | | | | DOOR OPERATORS (G/F) | 6 |
| 7 | | | | | 15 | 15 | | | | DOOR OPERATORS (G/F) | 8 |
| 9 | | | | | 15 | 15 | | | | GENERATOR CONTROLLER | 10 |
| 11 | UPS FOR ENT-P1 | | | | 15 | 15 | | | | GENERATOR MD(3) | 12 |
| 13 | ENT P1 ENTRANCE | | | | 15 | 20 | | | | BLOCK HEATER 3KW | 14 |
| 15 | ENT MAIN ENTRANCE | | | | 15 | 15 | | | | BATTERY CHARGER | 16 |
| 17 | ENT MAIN ENTRANCE | | | | 15 | 15 | | | | DOOR OPERATORS (G/F) | 18 |
| 19 | UPS FOR ENT-WEST VESTIBULE | | | | 15 | 15 | | | | DOOR OPERATORS (G/F) | 20 |
| 21 | UPS FOR ENT-MAIN ENTRANCE | | | | 15 | 15 | | | | RECEPTACLE (CACF RM.) | 22 |
| 23 | UPS - SECURITY RM. P1 | | | | 30 | | | | | | 24 |
| 25 | | | | | 2P | 60 | | | | ELP-E1 | 26 |
| 27 | TV BOARD | | | | 15 | 3P | | | | | 28 |
| 29 | TELEPHONE BOARD | | | | 15 | 60 | | | | | 30 |
| 31 | SECURITY BOARD | | | | 15 | | | | | ELP-ECU | 32 |
| 33 | CO/NO CONTROL PANEL G/F | | | | 20 | 3P | | | | | 34 |
| 35 | CO/NO CONTROL PANEL P2 | | | | 15 | 15 | | | | RECEPTACLE (CACF RM.) | 36 |
| 37 | | | | | 15 | 15 | | | | RECEPTACLE (CACF RM.) | 38 |
| 39 | | | | | | 15 | | | | RECEPTACLE (CACF RM.) | 40 |
| 41 | | | | | | | | | | | 42 |
| 43 | | | | | | | | | | | 44 |
| 45 | | | | | | | | | | | 46 |
| 47 | | | | | | | | | | | 48 |
| 49 | | | | | | | | | | | 50 |
| 51 | | | | | | | | | | | 52 |
| 53 | | | | | | | | | | | 54 |
| 55 | | | | | | | | | | | 56 |
| 57 | | | | | | | | | | | 58 |
| 59 | | | | | | | | | | | 60 |
| 61 | | | | | | | | | | | 62 |
| 63 | | | | | | | | | | | 64 |
| 65 | | | | | | | | | | | 66 |
| 67 | | | | | | | | | | | 68 |
| 69 | | | | | | | | | | | 70 |
| 71 | SPARE | | | | 15 | 15 | | | | SPARE | 72 |
| 73 | | | | | 15 | 15 | | | | | 74 |
| 75 | | | | | 15 | 15 | | | | | 76 |
| 77 | SPACE | | | | | | | | | SPACE | 78 |
| 79 | | | | | | | | | | | 80 |
| 81 | | | | | | | | | | | 82 |
| 83 | | | | | | | | | | | 84 |

Ø #A' TOTAL - W
Ø #B' TOTAL : - W
Ø #C' TOTAL : - W
TOTAL CONNECTED LOAD - KW (APPROX) — 22KA I.C.

NOTES: PL - DENOTES THIS CIRCUIT WITH BREAKER PADLOCK.

## PANEL ELP-ECU

PANEL ID. ELP-ECU — VOLTS 120/208V — LOCATION P1 TRIDEL CCU ROOM
MAIN BUS 60A — PHASE 3 — FED FROM ELP-E2
MAIN BKR. - — WIRE — ENTER AT — MTG
TYPE EMERGENCY CCT(NON-LIFE SAFETY) — FEEDER

| CIR NO. | DESCRIPTION | WATTAGE ØA | ØB | ØC | BKR AMP. | BKR AMP. | WATTAGE ØA | ØB | ØC | DESCRIPTION | CIR NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 14/F TRIDEL CCU ROOM | | | | 20 | 20 | | | | P1 TRIDEL CCU ROOM | 2 |
| 3 | 14/F TRIDEL CCU ROOM | | | | 20 | 20 | | | | P1 TRIDEL CCU ROOM | 4 |
| 5 | 14/F TRIDEL CCU ROOM | | | | 20 | 20 | | | | P1 TRIDEL CCU ROOM | 6 |
| 7 | | | | | | | | | | | 8 |
| 9 | | | | | | | | | | | 10 |
| 11 | | | | | | | | | | | 12 |
| 13 | SPARE | | | | 15 | 15 | | | | SPARE | 14 |
| 15 | SPACE | | | | | | | | | SPACE | 16 |
| 17 | SPACE | | | | | | | | | SPACE | 18 |

Ø #A' TOTAL - W
Ø #B' TOTAL : - W
Ø #C' TOTAL : - W
TOTAL CONNECTED LOAD - KW (APPROX) — 10kA I.C.

## SUITE LIGHTING SCHEDULE

| SYMBOL | DESCRIPTION | MODEL NO |
|---|---|---|
| G1 | DENOTES CEILING MOUNTED FIXTURE - FOYER | TBD BY OWNER |
| G2 | DENOTES CEILING MOUNTED FIXTURE - BEDROOM, DEN, FAMILY, STUDY, BREAKFAST | TBD BY OWNER |
| G4 | DENOTES CEILING MOUNTED FIXTURE - WALK IN CLOSET AND LAUNDRY ROOM | TBD BY OWNER |
| SH | DENOTES CEILING MOUNTED SHOWER FIXTURE - SHOWER | TBD BY OWNER |
| P | DENOTES KITCHEN POT LIGHT FIXTURE -BATHROOM | TBD BY OWNER |
| | DENOTES CEILING MOUNTED TRACK LIGHT FIXTURE -KITCHEN | TBD BY OWNER |
| | DENOTES CEILING CAPPED OUTLET - DINING | |
| W2 / G12 | DENOTES EXTERIOR WALL MOUNT LIGHT FIXTURE -TOWNHOME | TBD BY OWNER |
| U/C | DENOTES UNDER CABINET FIXTURE - KITCHEN | TBD BY OWNER |
| | BEGHELLI TYPE NV-12 EMERGENCY BATTERY PACK C/W 2-9W QUARTZ LAMPS | |
| | WALL MOUNTED EXIT LIGHTING FIXTURE (LED) BY BEGHELLI | |
| | CEILING MOUNTED EXIT LIGHTING FIXTURE (LED) BY BEGHELLI | |

## PARKING LOT LIGHTING SCHEDULE

| SYMBOL | DESCRIPTION |
|---|---|
| F | BEGHELLI LIGHING BS100 FAMILY, WET LOCATIONLAMP: BS100 48T823, T8 FLUORESCENT, BAGHELLI ILLUMINA-100, BS-100, 48, T8, 2, 32W, AC, 120V C/W PROGRAM START BALLAST, CEILING MOUNTED FIXTURE-PARKING LIGHT FIXTURES. |
| F1 | 2 x 32w T8 FLUORESCENT, CEILING MOUNTED FIXTURE-LOCKER ROOM LIGHT FIXTURES. c/w WIRE GUARD. (PIONEER ST2 C/W WG248) |
| F2 | PIONEER LIGHTING-SURFACE MOUNTED FUNCTIONAL LIGHTING FIXTURE FOR APPLICATION REQUIRING AMPLE LIGHTING WITH SLEEK APPEARANCE CAT # WR225 (STAIRWELL OR CORRIDOR) |
| F3 | PIONEER LIGHTING- WALL MOUNTED FUNCTIONAL LIGHTING FIXTURE FOR APPLICATION REQUIRING AMPLE LIGHTING WITH SLEEK APPEARANCE CAT # WR125 (STAIRWELL) |
| F4 | BEGHELLI LIGHTING BS100 FAMILY, WET LOCATION LAMP: BS100 48T823, T8 FLUORESCENT, BAGHELLI ILLUMINA-100, BS-100, 48, T8, 2, 32W, AC, 120V C/W PROGRAM START BALLAST, WALL MOUNTED FIXTURE-PARKING RAMP LIGHT FIXTURES. |
| F5 | BEGHELLI LIGHTING BS100 FAMILY, WET LOCATION LAMP: BS100 48T823, T8 FLUORESCENT, BAGHELLI ILLUMINA-100, BS-100, 48, T8, 2, 32W, AC, 120V C/W PROGRAM START BALLAST, WALL MOUNTED FIXTURE-PARKING RAMP LIGHT FIXTURES. |

## AMENITY ON 9TH FLOOR EXTERIOR LIGHTING SCHEDULE

| Key | Quantity | Type | Height | Product Specification | Supplier |
|---|---|---|---|---|---|
| W3 | 10 | Recessed Wall Light | 200mm | Microblinker - S.6060W-120 - 2.5W Warm White LED | Sistemalux Toronto - 383 Adelaide ST. W. Toronto 416-408-3995 |
| SL1 | 6 | Recessed Step Light | Center 50mm above tread | Micro Plug LED, S4580_4580W_Micropluq square | Sistemalux Toronto - 383 Adelaide ST. W. Toronto 416-408-3995 |
| LS1 | 1 | Spa Safetly Lighting | | TREILLE, STANDARD PATTERN, 4M, WITH ADJUSTABLE LIGHTS, LIGHT LEVELS TO BE CONFIRMED - MUST MEET POOL CODE REQUIREMENTS by Technilum (salix canada) | Technilum (salix canada) - Toronto, 416-293-2290 |
| LS2 | 2 | Pole Light | | TREILLE, STANDARD PATTERN, 4M, LIT FROM WITHIN. | Technilum (salix canada) - Toronto, 416-293-2290 |

## GROUND FLOOR EXTERIOR LIGHTING SCHEDULE

| Key | Quantity | Type | Height | Product Specification | Supplier |
|---|---|---|---|---|---|
| W1 | 12 | Wall Sconce | | Minislot Square - S.3850W-120 - 10W Warm White LED | Sistemalux Toronto - 383 Adelaide ST. W. Toronto 416-408-3995 |
| W2 | 9 | Wall Sconce | | Microslot Square - S.3803W-120 - 4.5W Warm White LED | Sistemalux Toronto - 383 Adelaide ST. W. Toronto 416-408-3995 |
| W3 | 5 | Recessed Wall Light | 200mm | Microblinker - S.6060W-120 - 2.5W Warm White LED | Sistemalux Toronto - 383 Adelaide ST. W. Toronto 416-408-3995 |
| S1 | 9 | Soffit Light | | Zip Square - S.8880-120 - Stainless Steel & Acid Etched Glass - 20W Metal Halide | Sistemalux Toronto - 383 Adelaide ST. W. Toronto 416-408-3995 |
| B1 | 4 | Light Bollard | 2.75 ft | Lightcolumn Bollard - LBLCO-504 - - 360° standard design - "scape" perforated shield -10W T8 Linear LED | Forms & Surfaces - 330-421-6575 |
| B2 | 24 | Light Bollard | 2.75 ft | Lightcolumn Bollard - LBLCO-504 - - 180° standard design - "scape" perforated shield -10W T8 Linear LED | Forms & Surfaces - 330-421-6575 |

## GENERAL LIGHTING CONTROL SENSOR:

1. ALL SENSOR LOCATIONS ARE APPROXIMATE. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS PRIOR TO INSTALLATION.

2. ULTRASONIC CEILING MOUNT SENSORS SHOULD BE LOCATED A MINIMUM OF SIX (6) FEET FROM HVAC SUPPLY/RETURN VENTS.

3. CONTRACTOR IS RESPONSIBLE FOR PROPER SENSITIVITY AND TIME DELAY SETTINGS FOR NON-ADAPTIVE PRODUCTS, FOLLOWING THE MANUFACTURER'S RECOMMENDED PLACEMENT, AND FIELD VERIFICATION OF CIRCUITS WITH RESPECT TO POWER PACK PLACEMENT.

4. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF REQUIRED NUMBER OF POWER PACKS:

A. ONE POWER PACK IS REQUIRED FOR EACH CONTROLLED CIRCUIT.

B. EACH POWER PACK CAN SUPPLY UP TO 150mA. REFER TO INSTALLATION GUIDE FOR MAXIMUM NUMBER OF SENSORS CONNECTED TO POWER PACK.

C. IF MULTIPLE CIRCUITS ARE TO BE CONTROLLED BY A SINGLE SENSOR, AUXILIARY RELAYS MAY BE USED IN CONJUNCTION WITH A POWER PACK.

5. SENSORS MOUNTED OVER DOORWAYS SHOULD BE PLACED ONE (1) FOOT INSIDE THRESHOLD.

### LEVITON OCCUPANCY SENSOR SCHEDULE

| DEVICE | MODEL | DESCRIPTION |
|---|---|---|
| 2000 | OSC20-M0W | CEILING MOUNTED MULTI-TECH, 2000 SQ FT |
| 10 | ODS15-ID | WALL SWITCH PIR, SELF POWERED |
| 1500 | OSC15-I0W | CEILING MOUNTED PIR, 1500 SQ FT |

### ELECTRIC HEATER SCHEDULE

| TYPE | DESCRIPTION | MANUFACTURE'S | MODEL | POWER |
|---|---|---|---|---|
| FFH | 3000W FAN FORCED HEATER, RECESSED WALL MOUNTED c/w BUILT-IN THERMOSTAT | OUELLET | OAC04000 | 208V - 1Ø |

## LIGHTING AND ELECTRICAL LEGEND

**TYPE A** *(Throughout)*
Recessed rectangular directional downlight fixture
Eurofase- 2LT Trimless Multiple Recessed LED w/ driver
Size: 12-1/16" x 4"
Lamp: 3 x 3w LED, warm white 3000k
Finish: White
Specification: # TE211LED-02
Suitable housing as required. Plaster kit as required.
Refer to RCP for location.
**Supplier: Litemode**
**Contact:**

**TYPE A2** *(Throughout)*
Recessed rectangular directional downlight fixture
Eurofase- 2LT Trimless Multiple Recessed LED w/ driver
Size: 12-1/16" x 4"
Lamp: 6 x 3w LED, warm white 3000k
Finish: White
Specification: #TE212LED-02
Suitable housing as required. Plaster kit as required.
Refer to RCP for location.
**Supplier: Litemode**

**TYPE A3** *(Throughout)*
Multiple trimless LED recessed
Eurofase- 3 Light Trimless Multiple Recessed LED w/ driver
Size: 12-1/16"x4"wx5-3/16"h
Lamp: 3x9w LED Osram
Finish: White
Specification: #TE213LED
Suitable housing as required. Plaster kit as required.
Refer to RCP for location.
**Supplier: Litemode**

**TYPE A4** *(Fitness Area)*
Recessed Rectangular directional downlight fixture
Eurofase TE114ALED Multiple Recessed LED
Size: 18.5" x 6.5" x6"h
Lamp: 4x9w LED Osram
Finish: 01 Black/Black
Suitable housing as required. Refer to RCP for location.

**TYPE B** *(Lobby, Beside Fireplace)*
Pendant
Vibia Slim one light pendant
Size: 39.25"l x 1"dia x 6-1/4" canopy
Lamp: 1x3w LED
Finish: Black
Specification: Slim 0920
Suitable housing as required.
Refer to RCP for location.

**TYPE C** *(Lobby Lounge)*
Concentric ring chandelier
Paul Loebach Halo Chandelier - 3 Rings
Roll and Hill
42" dia x 34" h
12 Week Lead Time**
Blackened Steel Finish
Drop length TBD on site.
**Supplier: Light Form**

**TYPE D** *(Throughout)*
Same as Type A1, to be aimed and adjusted on site with designer.

**TYPE E** *(Cove Lighting Throughout)*
InvisiLED Pro 2 High Output Tape Light LED-TX2430-5-WT
4w per foot, 90 CRI
Complete with Rigid aluminum channel with frosted polycarbonate diffuser.
Corner connectors as required. Length per RCP/Elevation (field cuttable)
**Supplier: WAC lighting**

**TYPE F** *(Amenity, Bar)*
Pendant fixture
Vibia Rhythm 2113-14 by Arik Levy
40x 8W LED Strip, 116W total
Fin: 14 (Black)
**Supplier: Lightform**

**TYPE G** *(Throughout, Millwork)*
Under cabinet light
Feeled Slimlamp LED w flat milky lens
Model #LSL1530
15W, 3000K
c/w SL-Bracket, connectors and power supply as required.
Refer to RCP and elevations for lengths.
**Supplier: Lightform**

**TYPE H** *(Dining Room)*
Pendant light
Delightfull Coltrane Suspension Light. Black Matte exterior, Gold powder interior. 2x G9 Halogen Bulbs per tube (Confirm compatible LED replacement). Cord length TBD on site. 1000mm L x 80mm Dia
Qty per RCP/Elevation.
**Supplier: Studio1112**

**TYPE J** **(Dining Room Wall Niches)**
Pendant Light
Brubeck pendant light.
Finish to match type H
Refer to RCP and elevations for qty and location.
**Supplier: Studio 1112**

**TYPE K** **(Fitness Area, Millwork)**
Recessed Adjustable Downlight
Eurofase TE111LED
01 Black/Black Trim
1x9W LED
Refer to RCP for location.
**Supplier: Litemode**

**TYPE L** **(Spa)**
Recessed Directional Downlight, suitable for wet area
To be confirmed with lighting consultant.

**TYPE M (Barrier Free Washroom)**
TBC

**TYPE N (Changerooms)**
TBC

**TYPE P** **(Showers)**
Element 3 Inch Adjustable downlight
E3R- 3 in Round, Flanged Bevel Shower trim.
Finish: White
**Supplier: Litemode**

**TYPE Q** **(Theatre)**
Wall Sconce
Stickbulb Vertical Sconce
4'-0" length
Walnut/Blackened Steel
3000K Watt LED light
Refer to RCP and Elevations for location.
**Supplier: Studio1112**

**TYPE R** **(Suite Entry)**
Custom, Back Lit Wall Sconce with Laser Cut Suite Number
**Supplier: Litemode**

**TYPE S** **(Typical Corridors)**
Surface Mounted Fixture
Eureka Spin 3036-WH
LED.22.30.DP, 3000k 22W
**Supplier: Litemode**

**TYPE T** **(Spa)**
Indirect Pendant Fixture suitable for wet area.
TBC by lighting/spa consultant.

**TYPE U** **(Parking Levels)**
Eureka Bass
12540-1X1-H-WH-BLK-BLK
4W LED, 3000k
Refer to RCP for locations.
**Supplier: Litemode**

## ELECTRICAL LEGEND

### LIGHTING
- FLUORESCENT LIGHT FIXTURE, TYPE AS INDICATED
- NIGHT LIGHT OR LIGHT CONNECTED TO EMERGENCY POWER
- CEILING MOUNTED/WALL MOUNTED LIGHT FIXTURE, INSCRIBED LETTER DENOTES TYPE
- POLE MOUNTED LIGHT FIXTURE, INSCRIBED LETTER DENOTES TYPE
- CAPPED CEILING LIGHT OUTLET
- TRACK LIGHT
- STRIP LIGHT
- UNDER CABINET FLUORESCENT LIGHT FIXTURE
- CEILING MOUNTED/WALL MOUNTED EXIT SIGN
- SINGLE/DUAL EMERGENCY LAMP REMOTE HEAD
- EMERGENCY BATTERY PACK
- PP — OCCUPANCY SENSOR POWER PACKS
- $/$/$ $3, $4, $P, $D — SINGLE/TWO/THREE POLE, SINGLE/TWO/THREE THROW TOGGLE SWITCH RESPECTIVELY, ('3','4','P','D' DENOTES 3-WAY,4-WAY,PILOT LIGHT, DIMMER SWITCHED LIGHT RESPECTIVELY)
- MASTER LIGHTING SHUT-OFF SWITCH
- SENSOR WALL SWITCH PIR, SELF POWERED
- OCCUPANCY SENSOR, CEILING MOUNTED

### POWER
- REGULAR DUPLEX RECEPTACLE
- DUPLEX RECEPTACLE, GROUND FAULT INTERRUPT
- 5-20R T-SLOT DUPLEX RECEPTACLE
- SINGLE RECEPTACLE, TYPE AND CONFIGURATION AS SPECIFIED FOR DRYER
- CONNECTION FOR OVEN/COOKTOP
- ABOVE COUNTER DEVICE
- CEILING MOUNTED DEVICES
- FLOOR MOUNTED DEVICES
- DISCONNECT SWITCH, NON-FUSED
- DISCONNECT SWITCH, FUSED
- COMBINATION STARTER
- FRACTIONAL MOTOR/FAN DIRECT CONNECTION
- DIRECT CONNECTION, SINGLE PHASE
- DIRECT CONNECTION, THREE PHASE
- T — THERMOSTAT
- DS — DRYER SENSOR
- HEAT TRACE
- ELECTRICAL HEATER
- EP / SP — ELECTRICAL PANEL / SECURITY PANEL

### TELECOMMUNICATION
- TV/CABLE OUTLET
- TELEPHONE OUTLET
- MP — TELEPHONE/TV CABLE (MULTI-PORT OUTLET)
- DATA OUTLET
- DATA/TELEPHONE OUTLET
- CB — IN SUITE TELECOMM. BOX C/W RECEPTACLE
- WIFI — WIFI LOCATION
- MS / VC — MUSIC SPEAKER / VOLUME CONTROL
- RR — RADIO RECEIVER

### SECURITY
- IC / ENT — INTERCOM / ENTERPHONE
- ICV — INTERCOM WITH CAMERA
- PB / PAR — PANIC BUTTON / PANIC INTERCOM STATION
- CR — CARD READER
- ARCA / RR — AUTOMATIC RELEASE CARD ACCESS/RADIO RECEIVER
- ES — ELECTRIC STRIKE
- ML — MAGLOCK
- DC / WC — DOOR CONTACT / WINDOW CONTACT
- GB — GLASS BREAK DETECTOR
- DO — AUTOMATIC DOOR OPERATOR
- MD — MOTION DETECTOR
- PUSH BUTTON
- SECURITY CAMERA

### LIFE SAFETY
- FIRE ALARM SMOKE DETECTOR
- A — SMOKE ALARM
- D — FIRE ALARM DUCT TYPE SMOKE DETECTOR
- FIRE ALARM HEAT DETECTOR
- H — FIXED TEMP. 88 °C DEGREE HEAT DETECTOR
- M — MOISTURE PROOF HEAT DETECTOR
- CO ALARM
- A — COMBINATION SMOKE & CO ALARM
- CO / NO — CO SENSOR / NO SENSOR
- FIRE ALARM MANUAL PULL STATION
- H — FIREFIGHTER'S HANDSET
- S — FIRE ALARM STROBE/HORN, WALL MTD.
- FIRE ALARM MINI-HORN, WALL MTD.
- S — FIRE ALARM SPEAKER/STROBE CEILING MTD.
- FIRE ALARM SPEAKER, CEILING MTD.
- FAAP — FIRE ALARM ANNUNCIATOR PANEL
- FACP — FIRE ALARM CONTROL PANEL

## REVISIONS

| DATE | NO. | DESCRIPTION | BY |
|---|---|---|---|
| 09/23/14 | 3 | ISSUED FOR TENDER | S.T. |
| 07/10/14 | 2 | RE-ISSUED FOR PERMIT | S.T. |
| 05/30/14 | 1 | ISSUED FOR PERMIT | S.T. |

MARK VOID ALL PRINTS DATED PREVIOUS TO FINAL DATE ABOVE

CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE JOB AND REPORT DISCREPANCIES TO THE ENGINEERS BEFORE PROCEEDING WITH THE WORK. THIS DRAWING IS THE PROPERTY OF THE ENGINEERS AND MUST BE RETURNED UPON COMPLETION OF THE WORK.

DRAWINGS ARE NOT TO BE SCALED

NOVA TREND ENGINEERING GROUP LTD

LICENSED PROFESSIONAL ENGINEER — 09/23/14 — S.Y.-P. TAM — PROVINCE OF ONTARIO

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DRAWING TITLE: ELECTRICAL PANEL SCHEDULES & LIGHTING SCHEDULES

PROJECT TITLE: ALEXANDRA PARK
38 CAMERON STREET, BLOCK 11
TORONTO ONTARIO

| DRAWN BY: | CHECKED BY: | SCALE: |
|---|---|---|
| S.O. | S.T. | N.T.S. |
| DATE: FEB, 13 | PROJECT NUMBER: 1313 | DRAWING NUMBER: E-34 OF |

Drawing name: \\CADSERVER\Current Dwg\13\1313 - Alexandra Park\DIV16\1313E- 34 (PANELS & LTG. SCHEDULE).dwg Plotted: Sep 23, 2014 - 3:01pm