TYPE: SQ. D OR G.E.
SERVICE: 120/208/3
MAIN: 225A. MLO

## PANEL "CA"
(SECTION 1)

MOUNTING: SURFACE
AIC:
REMARKS:

| POS. NO. | TRIP AMP | BRK. POLE | WIRE SIZE | CD | SERVICE | LOAD V. A. A-B | B-C | C-B | POS. NO. | TRIP AMP | BRK. POLE | WIRE SIZE | CD | SERVICE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20 | 2 | 12 | 1/2 | POWER RECEPT. | 1000 720 | | | 2 | 20 | 1 | 12 | 1/2 | RECEPT. |
| 3 | - | - | 12 | 1/2 | POWER RECEPT. | | 1500 750 | | 4 | 20 | 1 | 12 | 1/2 | RECEPT. |
| 5 | 20 | 1 | 12 | 1/2 | RECEPT. KITCHEN | | | 750 360 | 6 | 20 | 1 | 12 | 1/2 | RECEPT. |
| 7 | 20 | 1 | 12 | 1/2 | RECEPT. KITCHEN | 750 720 | | | 8 | 20 | 1 | 12 | 1/2 | RECEPT. |
| 9 | 20 | 1 | 12 | 1/2 | RECEPT. KITCHEN | | 750 1080 | | 10 | 20 | 1 | 12 | 1/2 | RECEPT. MEETING |
| 11 | 20 | 1 | 12 | 1/2 | RECEPT. KITCHEN | | | 1000 720 | 12 | 20 | 1 | 12 | 1/2 | DOOR CONTROL |
| 13 | 20 | 1 | 12 | 1/2 | RECEPT. KITCHEN | 1000 1500 | | | 14 | 20 | 1 | 12 | 1/2 | DOOR CONTROL |
| 15 | 20 | 1 | 12 | 1/2 | RECEPT. KITCHEN | | 1000 1500 | | 16 | 20 | 1 | 12 | 1/2 | DOOR CONTROL |
| 17 | 20 | 1 | 12 | 1/2 | RECEPT. DINING | | | 900 1000 | 18 | 20 | 1 | 12 | 1/2 | DOOR CONTROL |
| 19 | 20 | 1 | 12 | 1/2 | RECEPT. LOBBY | 1080 1500 | | | 20 | 20 | 1 | 12 | 1/2 | EDF |
| 21 | 20 | 1 | 12 | 1/2 | RECEPT. LOBBY | | 540 1500 | | 22 | 20 | 1 | 12 | 1/2 | EDF |
| 23 | 20 | 1 | 12 | 1/2 | RECEPT. COPIER | | | 1500 1500 | 24 | 20 | 1 | 12 | 1/2 | EDF |
| 25 | 20 | 1 | 12 | 1/2 | RECEPT. BUS CENTER | 1080 1500 | | | 26 | 20 | 1 | 12 | 1/2 | COUNTER GFI |
| 27 | 20 | 1 | 12 | 1/2 | RECEPT. OFFICE | | 540 1500 | | 28 | 20 | 1 | 12 | 1/2 | COUNTER GFI |
| 29 | 20 | 1 | 12 | 1/2 | RECEPT. BUS CENTER | | | 720 750 | 30 | 20 | 1 | 12 | 1/2 | REFRIG. |
| 31 | 20 | 1 | 12 | 1/2 | RECEPT. BUS CENTER | 540 750 | | | 32 | 20 | 1 | 12 | 1/2 | RECEPT. KITCHEN |
| 33 | 20 | 1 | 12 | 1/2 | RECEPT. BUS CENTER | | 750 750 | | 34 | 20 | 1 | 12 | 1/2 | RECEPT. KITCHEN |
| 35 | 20 | 1 | 12 | 1/2 | RECEPT. DINING | | | 900 500 | 36 | 20 | 1 | 12 | 1/2 | OUTSIDE GFI |
| 37 | 30 | 2 | 10 | 1/2 | DRYER | 2500 720 | | | 38 | 20 | 1 | 12 | 1/2 | RECEPT. FITNESS |
| 39 | - | - | 10 | 1/2 | DRYER | | 2500 900 | | 40 | 20 | 1 | 12 | 1/2 | RECEPT. FITNESS |
| 41 | 20 | 1 | 12 | 1/2 | WASHER | | | 1500 1500 | 42 | 20 | 1 | 12 | 1/2 | LAUNDRY COUNTER |
| CONNECTED V.A. PER PHASE | | | | | | 15860 | 15530 | 13600 | | | | | | |
| TOTAL AMPS PER PHASE | | | | | | 132 | 129 | 113 | | | | | | |

WIRE AMPS= 1.25x132=165
USE 175A. FEEDER, 2"C., 4*2/0, 1*4G.

TYPE: SQ. D OR G.E.
SERVICE: 120/208/3
MAIN: 400A. MLO

## PANEL "LA"

MOUNTING: SURFACE
AIC: 22K
REMARKS:

| POS. NO. | TRIP AMP | BRK. POLE | WIRE SIZE | CD | SERVICE | LOAD V. A. A-B | B-C | C-B | POS. NO. | TRIP AMP | BRK. POLE | WIRE SIZE | CD | SERVICE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20 | 1 | 12 | 1/2 | GUEST RM. 124 | 1200 | | | 2 | 20 | 1 | 12 | 1/2 | GUEST RM. 225 |
| 3 | 20 | 1 | 12 | 1/2 | GUEST RM. 124 | | 1200 1200 | | 4 | 20 | 1 | 12 | 1/2 | GUEST RM. 225 |
| 5 | 20 | 1 | 12 | 1/2 | GUEST RM. 124 | | | 1200 1200 | 6 | 20 | 1 | 12 | 1/2 | GUEST RM. 225 |
| 7 | 20 | 2 | 12 | 1/2 | PTAC 124 | 1100 1100 | | | 8 | 20 | 2 | 12 | 1/2 | PTAC 225 |
| 9 | - | - | 12 | 1/2 | PTAC 124 | | 1100 1100 | | 10 | - | - | 12 | 1/2 | PTAC 225 |
| 11 | 20 | 2 | 12 | 1/2 | BASEBOARD HEAT | 500 1000 | | | 12 | 20 | 1 | - | - | SPARE |
| 13 | - | - | 12 | 1/2 | BASEBOARD HEAT | | 1100 1000 | | 14 | 20 | 1 | - | - | SPARE |
| 15 | 20 | 2 | 12 | 1/2 | PTAC 2ND FLOOR | | | 1100 1100 | 16 | 20 | 1 | - | - | SPARE |
| 17 | 20 | 2 | 12 | 1/2 | PTAC 2ND FLOOR | 1000 1700 | | | 18 | 20 | 3 | 12 | 1/2 | EWH-1 |
| 19 | 20 | 1 | - | - | SPARE | | 5300 1700 | | 20 | - | - | 12 | 1/2 | EWH-1 |
| 21 | 50 | 3 | 6 | 1 | AHU-5 | 5300 1500 | | | 22 | - | - | 12 | 1/2 | EWH-1 |
| 23 | - | - | 6 | 1 | AHU-5 | | 5300 1500 | | 24 | 20 | 3 | 12 | 1/2 | CU-5 |
| 25 | - | - | 6 | 1 | AHU-5 | | | 3600 1500 | 26 | - | - | 12 | 1/2 | CU-5 |
| 27 | 35 | 2 | 8 | 3/4 | AHU-8 | 3600 1500 | | | 28 | - | - | 12 | 1/2 | CU-5 |
| 29 | - | - | 8 | 3/4 | AHU-8 | | 3600 1500 | | 30 | 20 | 2 | 12 | 1/2 | CU-8 |
| 31 | 30 | 3 | 10 | 1/2 | AHU-4 | 4500 1500 | | | 32 | - | - | 12 | 1/2 | CU-8 |
| 33 | - | - | 10 | 1/2 | AHU-4 | | 4500 1500 | | 34 | 20 | 2 | 12 | 1/2 | CU-4 |
| 35 | - | - | 10 | 1/2 | AHU-4 | | | 4500 1500 | 36 | - | - | 12 | 1/2 | CU-4 |
| 37 | 60 | 2 | 6 | 1 | AHU-3 | 6000 2800 | | | 38 | 25 | 3 | 10 | 1/2 | CU-3 |
| 39 | - | - | 6 | 1 | AHU-3 | | 6000 2800 | | 40 | - | - | 10 | 1/2 | CU-3 |
| 41 | 20 | 1 | - | - | SPARE | | | 1000 2800 | 42 | - | - | 10 | 1/2 | CU-3 |
| CONNECTED V.A. PER PHASE | | | | | | 30400 | 33700 | 28400 | | | | | | |
| TOTAL AMPS PER PHASE | | | | | | 253 | 281 | 237 | | | | | | |

WIRE AMPS=1.25x281=.8-281
USE 300A. FEEDER, 3"C.,4*350KCM,1*4G

TYPE: SQ D OR G.E.
SERVICE: 120/208/3
MAIN: 100A. MLO

## PANEL "LB"
(SECOND FLR. GUEST RMS.)

MOUNTING: SURFACE
AIC: 10K
REMARKS: SECTION 1
SUB FEED LUGS

| POS. NO. | TRIP AMP | BRK. POLE | WIRE SIZE | CD | SERVICE | LOAD V. A. A-B | B-C | C-B | POS. NO. | TRIP AMP | BRK. POLE | WIRE SIZE | CD | SERVICE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20 | 1 | 12 | 1/2 | GUEST ROOM 201 | | | | 2 | 20 | 1 | 12 | 1/2 | GUEST ROOM 200 |
| 3 | 20 | 1 | 12 | 1/2 | GUEST ROOM 201 | | | | 4 | 20 | 1 | 12 | 1/2 | GUEST ROOM 200 |
| 5 | 20 | 1 | 12 | 1/2 | GUEST ROOM 201 | | | | 6 | 20 | 1 | 12 | 1/2 | GUEST ROOM 200 |
| 7 | 20 | 1 | 12 | 1/2 | GUEST ROOM 203 | | | | 8 | 20 | 1 | 12 | 1/2 | GUEST ROOM 202 |
| 9 | 20 | 1 | 12 | 1/2 | GUEST ROOM 203 | | | | 10 | 20 | 1 | 12 | 1/2 | GUEST ROOM 202 |
| 11 | 20 | 1 | 12 | 1/2 | GUEST ROOM 203 | | | | 12 | 20 | 1 | 12 | 1/2 | GUEST ROOM 202 |
| 13 | 20 | 1 | 12 | 1/2 | GUEST ROOM 205 | | | | 14 | 20 | 1 | 12 | 1/2 | GUEST ROOM 204 |
| 15 | 20 | 1 | 12 | 1/2 | GUEST ROOM 205 | | | | 16 | 20 | 1 | 12 | 1/2 | GUEST ROOM 204 |
| 17 | 20 | 1 | 12 | 1/2 | GUEST ROOM 205 | | | | 18 | 20 | 3 | 12 | 1/2 | EWH-1 |
| 19 | 20 | 1 | 12 | 1/2 | GUEST ROOM 207 | | | | 20 | 20 | 1 | 12 | 1/2 | GUEST ROOM 206 |
| 21 | 20 | 1 | 12 | 1/2 | GUEST ROOM 207 | | | | 22 | 20 | 1 | 12 | 1/2 | GUEST ROOM 206 |
| 23 | 20 | 1 | 12 | 1/2 | GUEST ROOM 207 | | | | 24 | 20 | 1 | 12 | 1/2 | GUEST ROOM 206 |
| 25 | 20 | 1 | 12 | 1/2 | GUEST ROOM 209 | | | | 26 | 20 | 1 | 12 | 1/2 | GUEST ROOM 208 |
| 27 | 20 | 1 | 12 | 1/2 | GUEST ROOM 209 | | | | 28 | 20 | 1 | 12 | 1/2 | GUEST ROOM 208 |
| 29 | 20 | 1 | 12 | 1/2 | GUEST ROOM 209 | | | | 30 | 20 | 1 | 12 | 1/2 | GUEST ROOM 208 |
| 31 | 20 | 1 | 12 | 1/2 | GUEST ROOM 210 | | | | 32 | 20 | 1 | 12 | 1/2 | GUEST ROOM 216 |
| 33 | 20 | 1 | 12 | 1/2 | GUEST ROOM 210 | | | | 34 | 20 | 1 | 12 | 1/2 | GUEST ROOM 216 |
| 35 | 20 | 1 | 12 | 1/2 | GUEST ROOM 210 | | | | 36 | 20 | 1 | 12 | 1/2 | GUEST ROOM 216 |
| 37 | 20 | 1 | 12 | 1/2 | GUEST ROOM 217 | | | | 38 | 20 | 1 | 12 | 1/2 | GUEST ROOM 218 |
| 39 | 20 | 1 | 12 | 1/2 | GUEST ROOM 217 | | | | 40 | 20 | 1 | 12 | 1/2 | GUEST ROOM 218 |
| 41 | 20 | 1 | 12 | 1/2 | GUEST ROOM 217 | | | | 42 | 20 | 1 | 12 | 1/2 | GUEST ROOM 218 |
| CONNECTED V.A. PER PHASE | | | | | | | | | | | | | | |
| TOTAL AMPS PER PHASE | | | | | | | | | | | | | | |

RE:E10.0 FOR FEEDER CALCU.

TYPE: SQ D OR G.E.
SERVICE: 120/208/3
MAIN: 225A. MLO

## PANEL "HB"
(SECOND FLR. A/C UNITS)

MOUNTING: SURFACE
AIC: 10K
REMARKS:

| POS. NO. | TRIP AMP | BRK. POLE | WIRE SIZE | CD | SERVICE | LOAD V. A. A-B | B-C | C-B | POS. NO. | TRIP AMP | BRK. POLE | WIRE SIZE | CD | SERVICE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20 | 2 | 12 | 1/2 | GUEST ROOM 201 | | | | 2 | 20 | 2 | 12 | 1/2 | GUEST ROOM 200 |
| 3 | - | - | 12 | 1/2 | GUEST ROOM 201 | | | | 4 | - | - | 12 | 1/2 | GUEST ROOM 200 |
| 5 | 20 | 2 | 12 | 1/2 | GUEST ROOM 203 | | | | 6 | 20 | 2 | 12 | 1/2 | GUEST ROOM 202 |
| 7 | - | - | 12 | 1/2 | GUEST ROOM 203 | | | | 8 | - | - | 12 | 1/2 | GUEST ROOM 202 |
| 9 | 20 | 2 | 12 | 1/2 | GUEST ROOM 205 | | | | 10 | 20 | 2 | 12 | 1/2 | GUEST ROOM 204 |
| 11 | - | - | 12 | 1/2 | GUEST ROOM 205 | | | | 12 | - | - | 12 | 1/2 | GUEST ROOM 204 |
| 13 | 20 | 2 | 12 | 1/2 | GUEST ROOM 207 | | | | 14 | 20 | 2 | 12 | 1/2 | GUEST ROOM 206 |
| 15 | - | - | 12 | 1/2 | GUEST ROOM 207 | | | | 16 | - | - | 12 | 1/2 | GUEST ROOM 206 |
| 17 | 20 | 2 | 12 | 1/2 | GUEST ROOM 209 | | | | 18 | 20 | 2 | 12 | 1/2 | GUEST ROOM 208 |
| 19 | - | - | 12 | 1/2 | GUEST ROOM 209 | | | | 20 | - | - | 12 | 1/2 | GUEST ROOM 208 |
| 21 | 20 | 2 | 12 | 1/2 | GUEST ROOM 217 | | | | 22 | 20 | 2 | 12 | 1/2 | GUEST ROOM 210 |
| 23 | - | - | 12 | 1/2 | GUEST ROOM 217 | | | | 24 | - | - | 12 | 1/2 | GUEST ROOM 210 |
| 25 | 20 | 2 | 12 | 1/2 | GUEST ROOM 219 | | | | 26 | 20 | 2 | 12 | 1/2 | GUEST ROOM 216 |
| 27 | - | - | 12 | 1/2 | GUEST ROOM 219 | | | | 28 | - | - | 12 | 1/2 | GUEST ROOM 216 |
| 29 | 20 | 2 | 12 | 1/2 | GUEST ROOM 221 | | | | 30 | 20 | 2 | 12 | 1/2 | GUEST ROOM 218 |
| 31 | - | - | 12 | 1/2 | GUEST ROOM 221 | | | | 32 | - | - | 12 | 1/2 | GUEST ROOM 218 |
| 33 | 20 | 2 | 12 | 1/2 | GUEST ROOM 223 | | | | 34 | 20 | 2 | 12 | 1/2 | GUEST ROOM 220 |
| 35 | - | - | 12 | 1/2 | GUEST ROOM 223 | | | | 36 | - | - | 12 | 1/2 | GUEST ROOM 220 |
| 37 | 20 | 2 | 12 | 1/2 | GUEST ROOM 225 | | | | 38 | 20 | 2 | 12 | 1/2 | GUEST ROOM 222 |
| 39 | - | - | 12 | 1/2 | GUEST ROOM 225 | | | | 40 | - | - | 12 | 1/2 | GUEST ROOM 222 |
| 41 | 20 | 1 | 12 | 1/2 | LINEN/STOR. LTS | | | | 42 | 20 | 1 | 12 | 1/2 | LINEN/STOR. LTS |
| CONNECTED V.A. PER PHASE | | | | | | | | | | | | | | |
| TOTAL AMPS PER PHASE | | | | | | | | | | | | | | |

RE:E10.0 FOR FEEDER CALCU.

TYPE: SQ D OR G.E.
SERVICE: 120/208/3PH
MAIN: 225A. MLO

## PANEL "CA"
(SECTION 2)

MOUNTING: SURFACE
AIC:
REMARKS:

| POS. NO. | TRIP AMP | BRK. POLE | WIRE SIZE | CD | SERVICE | LOAD V. A. A-B | B-C | C-B | POS. NO. | TRIP AMP | BRK. POLE | WIRE SIZE | CD | SERVICE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 43 | 20 | 1 | 12 | 1/2 | OUTSIDE GFI | 500 500 | | | 44 | 20 | 1 | 12 | 1/2 | RECEPT. VENDING |
| 45 | 20 | 1 | 12 | 1/2 | RECEPT. CORRIDOR | | 540 500 | | 46 | 20 | 1 | 12 | 1/2 | RECEPT. VENDING |
| 47 | 20 | 1 | 12 | 1/2 | RECEPT. CORRIDOR | | | 1440 500 | 48 | 20 | 1 | 12 | 1/2 | RECEPT. VENDING |
| 49 | 20 | 1 | 12 | 1/2 | RECEPT. OFFICE | 720 720 | | | 50 | 20 | 1 | 12 | 1/2 | RECEPT. LAUNDRY |
| 51 | 20 | 2 | 12 | 1/2 | BASEBOARD HEAT | | 500 540 | | 52 | 20 | 1 | 12 | 1/2 | RECEPT. CORRIDOR |
| 53 | - | - | 12 | 1/2 | BASEBOARD HEAT | | | 500 500 | 54 | 20 | 1 | 12 | 1/2 | RECEPT. ELEC. RM. |
| 55 | 20 | 1 | 12 | 1/2 | OUTSIDE GFI | 500 500 | | | 56 | 20 | 1 | 12 | 1/2 | TLT. GFI |
| 57 | 20 | 1 | 12 | 1/2 | TLT. GFI | | 500 500 | | 58 | 20 | 1 | 12 | 1/2 | RECEPT. CORRIDOR |
| 59 | 20 | 1 | 12 | 1/2 | TLT. GFI | | | 500 500 | 60 | 20 | 1 | 12 | 1/2 | RECEPT. MISC. |
| 61 | 20 | 1 | 12 | 1/2 | OUTSIDE GFI | 540 500 | | | 62 | 20 | 1 | 12 | 1/2 | EF-18 |
| 63 | 20 | 1 | 12 | 1/2 | OUTSIDE GFI | | 720 500 | | 64 | 20 | 1 | 12 | 1/2 | EF-19 |
| 65 | 20 | 1 | - | - | SPARE | | | 1000 500 | 66 | 20 | 1 | 12 | 1/2 | EF-20 |
| 67 | 20 | 1 | - | - | SPARE | 1000 1000 | | | 68 | 20 | 1 | - | - | SPARE |
| 69 | 20 | 1 | - | - | SPARE | | 1000 1000 | | 70 | 20 | 1 | - | - | SPARE |
| 71 | 20 | 1 | - | - | SPARE | | | 1000 1000 | 72 | 20 | 1 | - | - | SPARE |
| 73 | 20 | 1 | - | - | SPARE | 1000 1000 | | | 74 | 20 | 1 | - | - | SPARE |
| 75 | 20 | 1 | - | - | SPARE | | 1000 1000 | | 76 | 20 | 1 | - | - | SPARE |
| 77 | 20 | 1 | - | - | SPARE | | | 1000 1000 | 78 | 20 | 1 | - | - | SPARE |
| 79 | 20 | 1 | - | - | SPARE | 1000 1000 | | | 80 | 20 | 1 | - | - | SPARE |
| 81 | 20 | 1 | - | - | SPARE | | 1000 1000 | | 82 | 20 | 1 | - | - | SPARE |
| 83 | 20 | 1 | - | - | SPARE | | | 1000 1000 | 84 | 20 | 1 | - | - | SPARE |
| CONNECTED V.A. PER PHASE | | | | | | 10480 | 10480 | 10480 | | | | | | |
| TOTAL AMPS PER PHASE | | | | | | 87 | 87 | 87 | | | | | | |

WIRE AMPS=1.25x87=109
USE 125A. FEEDER, 1¼"C.,4*2,1*6G.

TYPE: SQ. D OR G.E.
SERVICE: 120/208/3
MAIN: 400A. MLO

## PANEL "PL"
(POOL)

MOUNTING: SURFACE
AIC: 10K
REMARKS: NEMA 3R

| POS. NO. | TRIP AMP | BRK. POLE | WIRE SIZE | CD | SERVICE | LOAD V. A. A-B | B-C | C-B | POS. NO. | TRIP AMP | BRK. POLE | WIRE SIZE | CD | SERVICE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20 | 1 | 12 | 1/2 | SITE STORAGE BLDG. | 1200 500 | | | 2 | 20 | 1 | 12 | 1/2 | GFI RECEPT. |
| 3 | 20 | 1 | 12 | 1/2 | POOL EDF | | 750 500 | | 4 | 20 | 1 | 12 | 1/2 | POOL EQUIP. LTS. |
| 5 | 20 | 1 | 12 | 1/2 | UNDERWATER LIGHT S | | | 1500 1700 | 6 | 150 | 3 | 1/0 | 1/2 | POOL INDOOR UNIT |
| 7 | 20 | 1 | 12 | 1/2 | POOL DECK LIGHTS | 1500 1700 | | | 8 | - | - | 1/0 | 1/2 | POOL INDOOR UNIT |
| 9 | 20 | 1 | 12 | 1/2 | POOL DECK LIGHTS | | 1500 1700 | | 10 | - | - | 1/0 | 1/2 | POOL INDOOR UNIT |
| 11 | 20 | 1 | 12 | 1/2 | POOL DECK LIGHTS | | | 1500 1500 | 12 | 20 | 3 | 12 | 1/2 | POOL OUTDOOR UNIT |
| * 13 | 60 | 3 | 12 | 1/2 | POOL PUMPS | 5800 1500 | | | 14 | - | - | 12 | 1/2 | POOL OUTDOOR UNIT |
| * 15 | - | - | 12 | 1/2 | POOL PUMPS | | 5800 1500 | | 16 | - | - | 12 | 1/2 | POOL OUTDOOR UNIT |
| 17 | - | - | 12 | 1/2 | POOL PUMPS | | | 5800 1500 | 18 | 20 | 1 | 12 | 1/2 | THIRD FLR. RECEPT. |
| * 19 | 60 | 3 | 12 | 1/2 | POOL HEATER | 5800 1500 | | | 20 | 20 | 1 | 12 | 1/2 | THIRD FLR. RECEPT. |
| 21 | - | - | 12 | 1/2 | POOL HEATER | | 5800 1500 | | 22 | 20 | 1 | 12 | 1/2 | THIRD FLR. RECEPT. |
| 23 | - | - | 12 | 1/2 | POOL HEATER | | | 5800 1500 | 24 | 20 | 1 | 12 | 1/2 | THIRD FLR. RECEPT. |
| 25 | 20 | 1 | 12 | 1/2 | 4TH FLOOR RECEPT. | 1000 | | | 26 | | | | | |
| 27 | 20 | 1 | 12 | 1/2 | 4TH FLOOR RECEPT. | | 1000 | | 28 | | | | | |
| 29 | | | | | | | | | 30 | | | | | |
| 31 | | | | | | | | | 32 | | | | | |
| 33 | | | | | | | | | 34 | | | | | |
| 35 | | | | | | | | | 36 | | | | | |
| 37 | | | | | | | | | 38 | | | | | |
| 39 | | | | | | | | | 40 | | | | | |
| 41 | | | | | | | | | 42 | | | | | |
| CONNECTED V.A. PER PHASE | | | | | | 34800 | 34800 | 34800 | | | | | | |
| TOTAL AMPS PER PHASE | | | | | | 290 | 290 | 290 | | | | | | |

WIRE AMPS=1.25x290=363
USE 400A. FEEDER, 4"C.,4*500KCM,1*3G.

* VERIFY W/ POOL SUPPLIER PRIOR TO PURCHASE.

TYPE: SQ D OR G.E.
SERVICE: 120/208/3
MAIN: 100A. MLO

## PANEL "LB"
(SECOND FLR. GUEST RMS.)

MOUNTING: SURFACE
AIC: 10K
REMARKS: SECTION 2

| POS. NO. | TRIP AMP | BRK. POLE | WIRE SIZE | CD | SERVICE | LOAD V. A. A-B | B-C | C-B | POS. NO. | TRIP AMP | BRK. POLE | WIRE SIZE | CD | SERVICE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 43 | 20 | 1 | 12 | 1/2 | GUEST ROOM 219 | | | | 44 | 20 | 1 | 12 | 1/2 | GUEST ROOM 220 |
| 45 | 20 | 1 | 12 | 1/2 | GUEST ROOM 219 | | | | 46 | 20 | 1 | 12 | 1/2 | GUEST ROOM 220 |
| 47 | 20 | 1 | 12 | 1/2 | GUEST ROOM 219 | | | | 48 | 20 | 1 | 12 | 1/2 | GUEST ROOM 220 |
| 49 | 20 | 1 | 12 | 1/2 | GUEST ROOM 221 | | | | 50 | 20 | 1 | 12 | 1/2 | GUEST ROOM 222 |
| 51 | 20 | 1 | 12 | 1/2 | GUEST ROOM 221 | | | | 52 | 20 | 1 | 12 | 1/2 | GUEST ROOM 222 |
| 53 | 20 | 1 | 12 | 1/2 | GUEST ROOM 221 | | | | 54 | 20 | 1 | 12 | 1/2 | GUEST ROOM 222 |
| 55 | 20 | 1 | 12 | 1/2 | GUEST ROOM 223 | | | | 56 | 20 | 1 | 12 | 1/2 | GUEST ROOM 224 |
| 57 | 20 | 1 | 12 | 1/2 | GUEST ROOM 223 | | | | 58 | 20 | 1 | 12 | 1/2 | GUEST ROOM 224 |
| 59 | 20 | 1 | 12 | 1/2 | GUEST ROOM 223 | | | | 60 | 20 | 1 | 12 | 1/2 | GUEST ROOM 224 |
| 61 | 20 | 1 | 12 | 1/2 | GUEST ROOM 225 | | | | 62 | 20 | 1 | 12 | 1/2 | SPARE |
| 63 | 20 | 1 | 12 | 1/2 | GUEST ROOM 225 | | | | 64 | 20 | 1 | 12 | 1/2 | CORRIDOR LTS. |
| 65 | 20 | 1 | 12 | 1/2 | GUEST ROOM 225 | | | | 66 | 20 | 1 | 12 | 1/2 | CORRIDOR LTS. |
| 67 | 20 | 1 | 12 | 1/2 | CORRIDOR REC. | | | | 68 | 20 | 1 | 12 | 1/2 | CORRIDOR LTS. |
| 69 | 20 | 1 | 12 | 1/2 | CORRIDOR REC. | | | | 70 | 20 | 1 | 12 | 1/2 | CORRIDOR LTS. |
| 71 | 20 | 1 | 12 | 1/2 | TELE QUAD | | | | 72 | 20 | 1 | 12 | 1/2 | EMERG./EXIT LTS. |
| 73 | 20 | 1 | 12 | 1/2 | TELE QUAD | | | | 74 | 20 | 1 | -- | -- | SPARE |
| 75 | 30 | 2 | 10 | 1/2 | CORRIDOR PTAC | | | | 76 | 20 | 1 | -- | -- | SPARE |
| 77 | - | - | 10 | 1/2 | CORRIDOR PTAC | | | | 78 | 20 | 1 | -- | -- | SPARE |
| 79 | 30 | 2 | 10 | 1/2 | CORRIDOR PTAC | | | | 80 | 20 | 1 | -- | -- | SPARE |
| 81 | - | - | 10 | 1/2 | CORRIDOR PTAC | | | | 82 | 20 | 1 | -- | -- | SPARE |
| 83 | 20 | 1 | - | - | SPARE | | | | 84 | 20 | 1 | -- | -- | SPARE |
| CONNECTED V.A. PER PHASE | | | | | | | | | | | | | | |
| TOTAL AMPS PER PHASE | | | | | | | | | | | | | | |

RE:E10.0 FOR FEEDER CALCU.

TYPE: SQ D OR G.E.
SERVICE: 120/208/3
MAIN: 225A. MLO

## PANEL "HC"
(THIRD FLR. A/C UNITS)

MOUNTING: SURFACE
AIC: 10K
REMARKS:

| POS. NO. | TRIP AMP | BRK. POLE | WIRE SIZE | CD | SERVICE | LOAD V. A. A-B | B-C | C-B | POS. NO. | TRIP AMP | BRK. POLE | WIRE SIZE | CD | SERVICE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20 | 2 | 12 | 1/2 | GUEST ROOM 301 | | | | 2 | 20 | 2 | 12 | 1/2 | GUEST ROOM 300 |
| 3 | - | - | 12 | 1/2 | GUEST ROOM 301 | | | | 4 | - | - | 12 | 1/2 | GUEST ROOM 300 |
| 5 | 20 | 2 | 12 | 1/2 | GUEST ROOM 303 | | | | 6 | 20 | 2 | 12 | 1/2 | GUEST ROOM 302 |
| 7 | - | - | 12 | 1/2 | GUEST ROOM 303 | | | | 8 | - | - | 12 | 1/2 | GUEST ROOM 302 |
| 9 | 20 | 2 | 12 | 1/2 | GUEST ROOM 305 | | | | 10 | 20 | 2 | 12 | 1/2 | GUEST ROOM 304 |
| 11 | - | - | 12 | 1/2 | GUEST ROOM 305 | | | | 12 | - | - | 12 | 1/2 | GUEST ROOM 304 |
| 13 | 20 | 2 | 12 | 1/2 | GUEST ROOM 307 | | | | 14 | 20 | 2 | 12 | 1/2 | GUEST ROOM 306 |
| 15 | - | - | 12 | 1/2 | GUEST ROOM 307 | | | | 16 | - | - | 12 | 1/2 | GUEST ROOM 306 |
| 17 | 20 | 2 | 12 | 1/2 | GUEST ROOM 309 | | | | 18 | 20 | 2 | 12 | 1/2 | GUEST ROOM 308 |
| 19 | - | - | 12 | 1/2 | GUEST ROOM 309 | | | | 20 | - | - | 12 | 1/2 | GUEST ROOM 308 |
| 21 | 20 | 2 | 12 | 1/2 | GUEST ROOM 313 | | | | 22 | 20 | 2 | 12 | 1/2 | GUEST ROOM 310 |
| 23 | - | - | 12 | 1/2 | GUEST ROOM 313 | | | | 24 | - | - | 12 | 1/2 | GUEST ROOM 310 |
| 25 | 20 | 2 | 12 | 1/2 | GUEST ROOM 315 | | | | 26 | 20 | 2 | 12 | 1/2 | GUEST ROOM 312 |
| 27 | - | - | 12 | 1/2 | GUEST ROOM 315 | | | | 28 | - | - | 12 | 1/2 | GUEST ROOM 312 |
| 29 | 20 | 2 | 12 | 1/2 | GUEST ROOM 317 | | | | 30 | 20 | 2 | 12 | 1/2 | GUEST ROOM 314 |
| 31 | - | - | 12 | 1/2 | GUEST ROOM 317 | | | | 32 | - | - | 12 | 1/2 | GUEST ROOM 314 |
| 33 | 20 | 2 | 12 | 1/2 | GUEST ROOM 319 | | | | 34 | 20 | 2 | 12 | 1/2 | GUEST ROOM 316 |
| 35 | - | - | 12 | 1/2 | GUEST ROOM 319 | | | | 36 | - | - | 12 | 1/2 | GUEST ROOM 316 |
| 37 | 20 | 2 | 12 | 1/2 | GUEST ROOM 321 | | | | 38 | 20 | 2 | 12 | 1/2 | GUEST ROOM 318 |
| 39 | - | - | 12 | 1/2 | GUEST ROOM 321 | | | | 40 | - | - | 12 | 1/2 | GUEST ROOM 318 |
| 41 | 20 | 1 | 12 | 1/2 | LINEN/STOR. LTS | | | | 42 | 20 | 1 | 12 | 1/2 | LINEN/STOR. LTS |
| CONNECTED V.A. PER PHASE | | | | | | | | | | | | | | |
| TOTAL AMPS PER PHASE | | | | | | | | | | | | | | |

RE:E10.0 FOR FEEDER CALCU.

TYPE: SQ D OR G.E.
SERVICE: 120/208/3PH
MAIN: 400A. MLO

## PANEL "LDY"
(LAUNDRY)

MOUNTING: SURFACE
AIC: 10K
REMARKS:

| POS. NO. | TRIP AMP | BRK. POLE | WIRE SIZE | CD | SERVICE | LOAD V. A. A-B | B-C | C-B | POS. NO. | TRIP AMP | BRK. POLE | WIRE SIZE | CD | SERVICE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 30 | 3 | 10 | 1/2 | LAUNDRY WASHER | 2500 2500 | | | 2 | 30 | 3 | 10 | 1/2 | LAUNDRY DRYER |
| 3 | - | - | 10 | 1/2 | LAUNDRY WASHER | | 2500 2500 | | 4 | - | - | 10 | 1/2 | LAUNDRY DRYER |
| 5 | - | - | 10 | 1/2 | LAUNDRY WASHER | | | 2500 2500 | 6 | - | - | 10 | 1/2 | LAUNDRY DRYER |
| 7 | 30 | 3 | 10 | 1/2 | LAUNDRY WASHER | 2500 2500 | | | 8 | 30 | 3 | 10 | 1/2 | LAUNDRY DRYER |
| 9 | - | - | 10 | 1/2 | LAUNDRY WASHER | | 2500 2500 | | 10 | - | - | 10 | 1/2 | LAUNDRY DRYER |
| 11 | - | - | 10 | 1/2 | LAUNDRY WASHER | | | 2500 2500 | 12 | - | - | 10 | 1/2 | LAUNDRY DRYER |
| 13 | 30 | 3 | 10 | 1/2 | LAUNDRY WASHER | 2500 2500 | | | 14 | 30 | 3 | 10 | 1/2 | LAUNDRY DRYER |
| 15 | - | - | 10 | 1/2 | LAUNDRY WASHER | | 2500 2500 | | 16 | - | - | 10 | 1/2 | LAUNDRY DRYER |
| 17 | - | - | 10 | 1/2 | LAUNDRY WASHER | | | 2500 2500 | 18 | - | - | 10 | 1/2 | LAUNDRY DRYER |
| 19 | 12 | 1 | 12 | 1/2 | LAUNDRY RECEPT. | 1500 1500 | | | 20 | 20 | 1 | 12 | 1/2 | ELEV. PIT |
| 21 | 20 | 2 | 12 | 1/2 | PTAC OFFICE 180 | | 1100 1500 | | 22 | 20 | 1 | - | - | SPARE |
| 23 | - | - | 12 | 1/2 | PTAC OFFICE 180 | | | 1100 1500 | 24 | 20 | 1 | - | - | SPARE |
| 25 | 20 | 2 | 12 | 1/2 | PTAC OFFICE 181 | 1100 1500 | | | 26 | 20 | 1 | - | - | SPARE |
| 27 | - | - | 12 | 1/2 | PTAC OFFICE 181 | | 1100 1100 | | 28 | 20 | 2 | 12 | 1/2 | FITNESS PTAC |
| 29 | 20 | 2 | 12 | 1/2 | PTAC OFFICE 198 | | | 1100 1100 | 30 | - | - | 12 | 1/2 | FITNESS PTAC |
| 31 | - | - | 12 | 1/2 | PTAC OFFICE 198 | 1100 1100 | | | 32 | 20 | 2 | 12 | 1/2 | LAUNDRY PTAC |
| 33 | 20 | 3 | 12 | 1/2 | CU-6 | | 1100 1100 | | 34 | - | - | 12 | 1/2 | LAUNDRY PTAC |
| 35 | - | - | 12 | 1/2 | CU-6 | | | 1100 900 | 36 | 20 | 2 | 12 | 1/2 | CU-7 |
| 37 | - | - | 12 | 1/2 | CU-6 | 1100 900 | | | 38 | - | - | 12 | 1/2 | CU-7 |
| 39 | 50 | 2 | 6 | 1 | AHU-6 | | 4700 2500 | | 40 | 30 | 2 | 10 | 1/2 | AHU-7 |
| 41 | - | - | 6 | 1 | AHU-6 | | | 4700 2500 | 42 | - | - | 10 | 1/2 | AHU-7 |
| CONNECTED V.A. PER PHASE | | | | | | 24800 | 29200 | 29200 | | | | | | |
| TOTAL AMPS PER PHASE | | | | | | 207 | 