## BRANCH PANEL: MPH-6A1

**Location:** TOWER A LEVEL 6 ELEC A602
**Main Bus:** 400 A
**MCB:** 400A
**Voltage:** 480/277 Wye
**AIC Rating:** 14 kA

**Fed From:** MPH-1A1
**Wires:** 4W + G
**Enclosure:** NEMA 1
**Bus Type:** COPPER
**Mounting:** WALL MOUNTED

**Neutral Bus:** YES
**Ground Bus:** YES
**Isolated Ground Bus:** NO
**200% Neutral:** NO
**Feed Through Lugs:** NO

| CKT | Circuit Description | Load Classification | Trip | Poles | A | | B | | C | | Poles | Trip | Load Classification | Circuit Description | CKT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | ASHP A-R-2 | MTRS | 200 A | 3 | 3963... | 303 VA | | | | | 3 | 15 A | MTRS | AX A-R-1 | 2 |
| 3 | -- | -- | -- | -- | | | 3963... | 303 VA | | | -- | -- | -- | -- | 4 |
| 5 | -- | -- | -- | -- | | | | | 3963... | 303 VA | -- | -- | -- | -- | 6 |
| 7 | ASHP A-R-1 | MTRS | 150 A | 3 | 2716... | 83 VA | | | | | 3 | 15 A | MTRS | DX A-R-1 | 8 |
| 9 | -- | -- | -- | -- | | | 2716... | 83 VA | | | -- | -- | -- | -- | 10 |
| 11 | -- | -- | -- | -- | | | | | 2716... | 83 VA | -- | -- | -- | -- | 12 |
| 13 | TX A-R-1 | MTRS | 15 A | 3 | 83 VA | 443 VA | | | | | 3 | 15 A | MTRS | TX A-R-2 | 14 |
| 15 | -- | -- | -- | -- | | | 83 VA | 443 VA | | | -- | -- | -- | -- | 16 |
| 17 | -- | -- | -- | -- | | | | | 83 VA | 443 VA | -- | -- | -- | -- | 18 |
| 19 | SPARE | -- | 20 A | 1 | 0 VA | 303 VA | | | | | 3 | 15 A | MTRS | KX A-R-2 | 20 |
| 21 | SPARE | -- | 20 A | 1 | | | 0 VA | 303 VA | | | -- | -- | -- | -- | 22 |
| 23 | SPARE | -- | 20 A | 1 | | | | | 0 VA | 303 VA | -- | -- | -- | -- | 24 |
| 25 | SPARE | -- | 20 A | 1 | 0 VA | 83 VA | | | | | 3 | 15 A | MTRS | DX A-R-2 | 26 |
| 27 | SPARE | -- | 20 A | 1 | | | 0 VA | 83 VA | | | -- | -- | -- | -- | 28 |
| 29 | SPARE | -- | 20 A | 1 | | | | | 0 VA | 83 VA | -- | -- | -- | -- | 30 |
| 31 | SPARE | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | SPARE | 32 |
| 33 | SPARE | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | SPARE | 34 |
| 35 | SPARE | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | SPARE | 36 |
| 37 | SPARE | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | SPARE | 38 |
| 39 | SPARE | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | SPARE | 40 |
| 41 | SPARE | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | SPARE | 42 |
| | | | | Total Load: | 68089 VA | | 68089 VA | | 68089 VA | | | | | | |
| | | | | Total Amps: | 246 A | | 246 A | | 246 A | | | | | | |

**MPH-6A1 LOAD SUMMARY**

| Load Classification | Connected Load | *Demand Factor | Estimated Demand | Panel Totals | |
|---|---|---|---|---|---|
| MTRS | 204267 VA | | 204267 VA | | |
| | | | | Total Conn. Load: | 204267 VA |
| | | | | Total Est. Demand: | 204267 VA |
| | | | | Total Conn.: | 246 A |
| | | | | Total Est. Demand: | 246 A |

**Notes:**
*See Demand Factor Table

## BRANCH PANEL: OLP-6A1

**Location:** ELEC A602
**Main Bus:** 250 A
**MCB:** 250A
**Voltage:** 120/208 Wye
**AIC Rating:** 10 kA

**Fed From:** T-6A1-O
**Wires:** 4W + G
**Enclosure:** NEMA 1
**Bus Type:** COPPER
**Mounting:** WALL MOUNTED

**Neutral Bus:** YES
**Ground Bus:** YES
**Isolated Ground Bus:** NO
**200% Neutral:** NO
**Feed Through Lugs:** NO

| CKT | Circuit Description | Load Classification | Trip | Poles | A | | B | | C | | Poles | Trip | Load Classification | Circuit Description | CKT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | LEVEL 4 UNIT - WINE FRIDGE | RCPTS | 20 A | 1 | 800 VA | 0 VA | | | | | 1 | 20 A | -- | SPARE | 2 |
| 3 | LEVEL 4 UNIT - WINE FRIDGE | RCPTS | 20 A | 1 | | | 800 VA | 0 VA | | | 1 | 20 A | -- | SPARE | 4 |
| 5 | LEVEL 4 UNIT - WINE FRIDGE | RCPTS | 20 A | 1 | | | | | 800 VA | 0 VA | 1 | 20 A | -- | SPARE | 6 |
| 7 | LEVEL 4 UNIT - WINE FRIDGE | RCPTS | 20 A | 1 | 800 VA | 0 VA | | | | | 1 | 20 A | -- | SPARE | 8 |
| 9 | LEVEL 4 UNIT - MISC RCPT | RCPTS | 20 A | 1 | | | 500 VA | 0 VA | | | 1 | 20 A | -- | SPARE | 10 |
| 11 | LEVEL 4 UNIT - MISC RCPT | RCPTS | 20 A | 1 | | | | | 500 VA | 0 VA | 1 | 20 A | -- | SPARE | 12 |
| 13 | LEVEL 4 UNIT - MISC RCPT | RCPTS | 20 A | 1 | 500 VA | 0 VA | | | | | 1 | 20 A | -- | SPARE | 14 |
| 15 | LEVEL 4 UNIT - MISC RCPT | RCPTS | 20 A | 1 | | | 500 VA | 0 VA | | | 1 | 20 A | -- | SPARE | 16 |
| 17 | SPARE | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | SPARE | 18 |
| 19 | SPARE | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | SPARE | 20 |
| 21 | SPARE | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | SPARE | 22 |
| 23 | SPARE | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | SPARE | 24 |
| 25 | LEVEL 5 UNIT - WINE FRIDGE | RCPTS | 20 A | 1 | 800 VA | 0 VA | | | | | 1 | 20 A | -- | SPARE | 26 |
| 27 | LEVEL 5 UNIT - WINE FRIDGE | RCPTS | 20 A | 1 | | | 800 VA | 0 VA | | | 1 | 20 A | -- | SPARE | 28 |
| 29 | LEVEL 5 UNIT - WINE FRIDGE | RCPTS | 20 A | 1 | | | | | 800 VA | 0 VA | 1 | 20 A | -- | SPARE | 30 |
| 31 | LEVEL 5 UNIT - MISC RCPT | RCPTS | 20 A | 1 | 500 VA | 0 VA | | | | | 1 | 20 A | -- | SPARE | 32 |
| 33 | LEVEL 5 UNIT - MISC RCPT | RCPTS | 20 A | 1 | | | 500 VA | 0 VA | | | 1 | 20 A | -- | SPARE | 34 |
| 35 | LEVEL 5 UNIT - MISC RCPT | RCPTS | 20 A | 1 | | | | | 500 VA | 0 VA | 1 | 20 A | -- | SPARE | 36 |
| 37 | SPARE | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | SPARE | 38 |
| 39 | LEVEL 6 UNIT - WINE FRIDGE | RCPTS | 20 A | 1 | | | 800 VA | 0 VA | | | 2 | 30 A | MISC | SPD | 40 |
| 41 | LEVEL 6 UNIT - MISC RCPT | RCPTS | 20 A | 1 | | | | | 500 VA | 0 VA | -- | -- | -- | -- | 42 |
| | | | | Total Load: | 3400 VA | | 3900 VA | | 3100 VA | | | | | | |
| | | | | Total Amps: | 29 A | | 33 A | | 26 A | | | | | | |

**OLP-6A1 LOAD SUMMARY**

| Load Classification | Connected Load | *Demand Factor | Estimated Demand | Panel Totals | |
|---|---|---|---|---|---|
| RCPTS | 10400 VA | | 10200 VA | | |
| MISC | 0 VA | | 0 VA | Total Conn. Load: | 10400 VA |
| | | | | Total Est. Demand: | 10200 VA |
| | | | | Total Conn.: | 29 A |
| | | | | Total Est. Demand: | 28 A |

**Notes:**
*See Demand Factor Table

## BRANCH PANEL: MPH-7B1

**Location:** TOWER B LEVEL 7 ELEC B706
**Main Bus:** 400 A
**MCB:** 400A
**Voltage:** 480/277 Wye
**AIC Rating:** 14 kA

**Fed From:** MPH-P1B1
**Wires:** 4W + G
**Enclosure:** NEMA 1
**Bus Type:** COPPER
**Mounting:** WALL MOUNTED

**Neutral Bus:** YES
**Ground Bus:** YES
**Isolated Ground Bus:** NO
**200% Neutral:** NO
**Feed Through Lugs:** NO

| CKT | Circuit Description | Load Classification | Trip | Poles | A | | B | | C | | Poles | Trip | Load Classification | Circuit Description | CKT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | TX B-R-1 | MTRS | 15 A | 3 | 583 VA | 2716... | | | | | 3 | 100 A | MTRS | ASHP B-R-1 | 2 |
| 3 | -- | -- | -- | -- | | | 583 VA | 2716... | | | -- | -- | -- | -- | 4 |
| 5 | -- | -- | -- | -- | | | | | 583 VA | 2716... | -- | -- | -- | -- | 6 |
| 7 | KX B-R-1 | MTRS | 15 A | 3 | 943 VA | 3963... | | | | | 3 | 150 A | MTRS | ASHP B-R-2 | 8 |
| 9 | -- | -- | -- | -- | | | 943 VA | 3963... | | | -- | -- | -- | -- | 10 |
| 11 | -- | -- | -- | -- | | | | | 943 VA | 3963... | -- | -- | -- | -- | 12 |
| 13 | DX B-R-1 | MTRS | 15 A | 3 | 303 VA | 583 VA | | | | | 3 | 15 A | MTRS | TX B-R-2 | 14 |
| 15 | -- | -- | -- | -- | | | 303 VA | 583 VA | | | -- | -- | -- | -- | 16 |
| 17 | -- | -- | -- | -- | | | | | 303 VA | 583 VA | -- | -- | -- | -- | 18 |
| 19 | SPARE | -- | 20 A | 1 | 0 VA | 830 VA | | | | | 3 | 15 A | MTRS | KX B-R-2 | 20 |
| 21 | SPARE | -- | 20 A | 1 | | | 0 VA | 830 VA | | | -- | -- | -- | -- | 22 |
| 23 | SPARE | -- | 20 A | 1 | | | | | 0 VA | 830 VA | -- | -- | -- | -- | 24 |
| 25 | SPARE | -- | 20 A | 1 | 0 VA | 303 VA | | | | | 3 | 15 A | MTRS | DX B-R-2 | 26 |
| 27 | SPARE | -- | 20 A | 1 | | | 0 VA | 303 VA | | | -- | -- | -- | -- | 28 |
| 29 | SPARE | -- | 20 A | 1 | | | | | 0 VA | 303 VA | -- | -- | -- | -- | 30 |
| 31 | SPARE | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | SPARE | 32 |
| 33 | SPARE | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | SPARE | 34 |
| 35 | SPARE | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | SPARE | 36 |
| 37 | SPARE | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | SPARE | 38 |
| 39 | SPARE | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | SPARE | 40 |
| 41 | SPARE | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | SPARE | 42 |
| | | | | Total Load: | 70337 VA | | 70337 VA | | 70337 VA | | | | | | |
| | | | | Total Amps: | 254 A | | 254 A | | 254 A | | | | | | |

**MPH-7B1 LOAD SUMMARY**

| Load Classification | Connected Load | *Demand Factor | Estimated Demand | Panel Totals | |
|---|---|---|---|---|---|
| MTRS | 211010 VA | | 211010 VA | | |
| | | | | Total Conn. Load: | 211010 VA |
| | | | | Total Est. Demand: | 211010 VA |
| | | | | Total Conn.: | 254 A |
| | | | | Total Est. Demand: | 254 A |

**Notes:**
*See Demand Factor Table

## BRANCH PANEL: ELPH-6A1

**Location:** ELEC A602
**Main Bus:** 225 A
**MCB:** 100A
**Voltage:** 480/277 Wye
**AIC Rating:** 10 kA

**Fed From:** ELPH-P2A1
**Wires:** 4W + G
**Enclosure:** NEMA 1
**Bus Type:** COPPER
**Mounting:** WALL MOUNTED

**Neutral Bus:** YES
**Ground Bus:** YES
**Isolated Ground Bus:** NO
**200% Neutral:** NO
**Feed Through Lugs:** NO

| CKT | Circuit Description | Load Classification | Trip | Poles | A | | B | | C | | Poles | Trip | Load Classification | Circuit Description | CKT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | SPARE | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | SPARE | 2 |
| 3 | LTS- STAIR 01A | Other; LTS | 20 A | 1 | | | 615 VA | 0 VA | | | 1 | 20 A | -- | SPARE | 4 |
| 5 | LTS- STAIR 01B | LTS | 20 A | 1 | | | | | 384 VA | 0 VA | 1 | 20 A | -- | SPARE | 6 |
| 7 | LTS- STAIR 02B | LTS | 20 A | 1 | 768 VA | 0 VA | | | | | 1 | 20 A | -- | SPARE | 8 |
| 9 | LTS- STAIR 02A | Other; LTS | 20 A | 1 | | | 1274... | 0 VA | | | 1 | 20 A | -- | SPARE | 10 |
| 11 | SPARE | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | SPARE | 12 |
| 13 | SPARE | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | SPARE | 14 |
| 15 | SPARE | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | SPARE | 16 |
| 17 | SPARE | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | SPARE | 18 |
| 19 | SPARE | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | SPARE | 20 |
| 21 | SPARE | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | SPARE | 22 |
| 23 | SPARE | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | SPARE | 24 |
| 25 | SPARE | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | SPARE | 26 |
| 27 | SPARE | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | SPARE | 28 |
| 29 | SPARE | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | SPARE | 30 |
| 31 | SPARE | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | SPARE | 32 |
| 33 | SPARE | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | SPARE | 34 |
| 35 | SPARE | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | SPARE | 36 |
| 37 | SPARE | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | SPARE | 38 |
| 39 | SPARE | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 2 | 30 A | MISC | SPD | 40 |
| 41 | SPARE | -- | 20 A | 1 | | | | | 0 VA | 0 VA | -- | -- | -- | -- | 42 |
| | | | | Total Load: | 768 VA | | 1889 VA | | 384 VA | | | | | | |
| | | | | Total Amps: | 3 A | | 7 A | | 1 A | | | | | | |

**ELPH-6A1 LOAD SUMMARY**

| Load Classification | Connected Load | *Demand Factor | Estimated Demand | Panel Totals | |
|---|---|---|---|---|---|
| Other | 22 VA | | 22 VA | | |
| LTS | 3019 VA | | 3774 VA | Total Conn. Load: | 3041 VA |
| MISC | 0 VA | | 0 VA | Total Est. Demand: | 3796 VA |
| | | | | Total Conn.: | 4 A |
| | | | | Total Est. Demand: | 5 A |

**Notes:**
*See Demand Factor Table

## BRANCH PANEL: LP-7B1

**Location:** TOWER B LEVEL 7 ELEC B706
**Main Bus:** 225 A
**MCB:** 150 A
**Voltage:** 120/208 Wye
**AIC Rating:** 10 kA

**Fed From:** T-7B1-L
**Wires:** 4W + G
**Enclosure:** NEMA 1
**Bus Type:** COPPER
**Mounting:** WALL MOUNTED

**Neutral Bus:** YES
**Ground Bus:** YES
**Isolated Ground Bus:** NO
**200% Neutral:** NO
**Feed Through Lugs:** NO

| CKT | Circuit Description | Load Classification | Trip | Poles | A | | B | | C | | Poles | Trip | Load Classification | Circuit Description | CKT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | HEAT | HEAT | 20 A | 1 | 1200... | 180 VA | | | | | 1 | 20 A | RCPTS | FA CLOSET B703 | 2 |
| 3 | HEAT | HEAT | 20 A | 1 | | | 1200... | 180 VA | | | 1 | 20 A | RCPTS | TOWER B ROOF MAINT GFI... | 4 |
| 5 | UH-A | HEAT | 20 A | 1 | | | | | 1000... | 180 VA | 1 | 20 A | RCPTS | TOWER B ROOF MAINT GFI... | 6 |
| 7 | UH-A | HEAT | 20 A | 1 | 1000... | 0 VA | | | | | 1 | 20 A | -- | SPARE | 8 |
| 9 | SPARE | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | SPARE | 10 |
| 11 | SPARE | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | SPARE | 12 |
| 13 | SPARE | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | SPARE | 14 |
| 15 | SPARE | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | SPARE | 16 |
| 17 | SPARE | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | SPARE | 18 |
| 19 | SPARE | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | SPARE | 20 |
| 21 | SPARE | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | SPARE | 22 |
| 23 | SPARE | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | SPARE | 24 |
| 25 | SPARE | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | SPARE | 26 |
| 27 | SPARE | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | SPARE | 28 |
| 29 | SPARE | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | SPARE | 30 |
| 31 | SPARE | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | SPARE | 32 |
| 33 | SPARE | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | SPARE | 34 |
| 35 | STAIR 03B... | RCPTS | 20 A | 1 | | | | | 720 VA | 180 VA | 1 | 20 A | RCPTS | ELEV T3 TOP OF SHAFT RCPT | 36 |
| 37 | STAIR 03A... | RCPTS | 20 A | 1 | 720 VA | 180 VA | | | | | 1 | 20 A | RCPTS | ELEV T3 TOP OF SHAFT RCPT | 38 |
| 39 | STAIR 04B... | RCPTS | 20 A | 1 | | | 720 VA | 1080... | | | 1 | 20 A | RCPTS | TOWER B ELEV LOBBY RCPT | 40 |
| 41 | STAIR 04A... | RCPTS | 20 A | 1 | | | | | 720 VA | 1080... | 1 | 20 A | RCPTS | TOWER B ELEV LOBBY RCPT | 42 |
| | | | | Total Load: | 3280 VA | | 3180 VA | | 3880 VA | | | | | | |
| | | | | Total Amps: | 27 A | | 27 A | | 32 A | | | | | | |

**LP-7B1 LOAD SUMMARY**

| Load Classification | Connected Load | *Demand Factor | Estimated Demand | Panel Totals | |
|---|---|---|---|---|---|
| RCPTS | 5940 VA | | 5940 VA | | |
| HEAT | 4400 VA | | 4400 VA | Total Conn. Load: | 10340 VA |
| | | | | Total Est. Demand: | 10340 VA |
| | | | | Total Conn.: | 29 A |
| | | | | Total Est. Demand: | 29 A |

**Notes:**
*See Demand Factor Table

## BRANCH PANEL: ELPH-7B1

**Location:** ELEC B706
**Main Bus:** 225 A
**MCB:** 100A
**Voltage:** 480/277 Wye
**AIC Rating:** 10 kA

**Fed From:** ELPH-1B1
**Wires:** 4W + G
**Enclosure:** NEMA 1
**Bus Type:** COPPER
**Mounting:** WALL MOUNTED

**Neutral Bus:** YES
**Ground Bus:** YES
**Isolated Ground Bus:** NO
**200% Neutral:** NO
**Feed Through Lugs:** NO

| CKT | Circuit Description | Load Classification | Trip | Poles | A | | B | | C | | Poles | Trip | Load Classification | Circuit Description | CKT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | SPARE | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | SPARE | 2 |
| 3 | SPARE | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | SPARE | 4 |
| 5 | SPARE | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | SPARE | 6 |
| 7 | SPARE | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | SPARE | 8 |
| 9 | SPARE | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | SPARE | 10 |
| 11 | SPARE | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | SPARE | 12 |
| 13 | SPARE | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | SPARE | 14 |
| 15 | SPARE | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | SPARE | 16 |
| 17 | SPARE | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | SPARE | 18 |
| 19 | SPARE | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | SPARE | 20 |
| 21 | SPARE | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | SPARE | 22 |
| 23 | SPARE | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | SPARE | 24 |
| 25 | SPARE | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | SPARE | 26 |
| 27 | SPARE | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 2 | 30 A | MISC | SPD | 28 |
| 29 | SPARE | -- | 20 A | 1 | | | | | 0 VA | 0 VA | -- | -- | -- | -- | 30 |
| 31 | SPARE | -- | 20 A | 1 | 0 VA | | | | | | | | | | 32 |
| 33 | SPARE | -- | 20 A | 1 | | | 0 VA | 768 VA | | | 1 | 20 A | LTS | LTS STAIR 04A | 34 |
| 35 | SPARE | -- | 20 A | 1 | | | | | 0 VA | 768 VA | 1 | 20 A | LTS | LTS STAIR 03A | 36 |
| 37 | SPARE | -- | 20 A | 1 | 0 VA | 768 VA | | | | | 1 | 20 A | LTS | LTS STAIR 04B | 38 |
| 39 | SPARE | -- | 20 A | 1 | | | 0 VA | 768 VA | | | 1 | 20 A | LTS | LTS STAIR 03B | 40 |
| 41 | SPARE | -- | 20 A | 1 | | | | | 0 VA | 860 VA | 1 | 20 A | Other; LTS | LTS TOWER B LEVEL 4 & 5 | 42 |
| | | | | Total Load: | 768 VA | | 1536 VA | | 1628 VA | | | | | | |
| | | | | Total Amps: | 3 A | | 6 A | | 6 A | | | | | | |

**ELPH-7B1 LOAD SUMMARY**

| Load Classification | Connected Load | *Demand Factor | Estimated Demand | Panel Totals | |
|---|---|---|---|---|---|
| Other | 55 VA | | 55 VA | | |
| LTS | 3877 VA | | 4846 VA | Total Conn. Load: | 3932 VA |
| MISC | 0 VA | | 0 VA | Total Est. Demand: | 4901 VA |
| | | | | Total Conn.: | 5 A |
| | | | | Total Est. Demand: | 6 A |

**Notes:**
*See Demand Factor Table

## BRANCH PANEL: OLPH-6A1

**Location:** ELEC A602
**Main Bus:** 225 A
**MCB:** 200 A
**Voltage:** 480/277 Wye
**AIC Rating:** 10 kA

**Fed From:** OLPH-P2A1
**Wires:** 4W + G
**Enclosure:** NEMA 1
**Bus Type:** COPPER
**Mounting:** WALL MOUNTED

**Neutral Bus:** YES
**Ground Bus:** YES
**Isolated Ground Bus:** NO
**200% Neutral:** NO
**Feed Through Lugs:** NO

| CKT | Circuit Description | Load Classification | Trip | Poles | A | | B | | C | | Poles | Trip | Load Classification | Circuit Description | CKT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | SPARE | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | SPARE | 2 |
| 3 | SPARE | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | SPARE | 4 |
| 5 | SPARE | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | SPARE | 6 |
| 7 | SPARE | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | SPARE | 8 |
| 9 | SPARE | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | SPARE | 10 |
| 11 | SPARE | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | SPARE | 12 |
| 13 | SPARE | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | SPARE | 14 |
| 15 | SPARE | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | SPARE | 16 |
| 17 | SPARE | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | SPARE | 18 |
| 19 | SPARE | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | SPARE | 20 |
| 21 | SPARE | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | SPARE | 22 |
| 23 | SPARE | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | SPARE | 24 |
| 25 | SPARE | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | SPARE | 26 |
| 27 | SPARE | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | SPARE | 28 |
| 29 | SPARE | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | SPARE | 30 |
| 31 | SPARE | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | SPARE | 32 |
| 33 | SPARE | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | SPARE | 34 |
| 35 | SPARE | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | SPARE | 36 |
| 37 | T-6A1-O | Spare;... | 110 A | 3 | 3400... | 0 VA | | | | | 1 | 20 A | -- | SPARE | 38 |
| 39 | -- | -- | -- | -- | | | 3900... | 0 VA | | | 2 | 30 A | MISC | SPD | 40 |
| 41 | -- | -- | -- | -- | | | | | 3100... | 0 VA | -- | -- | -- | -- | 42 |
| | | | | Total Load: | 3400 VA | | 3900 VA | | 3100 VA | | | | | | |
| | | | | Total Amps: | 12 A | | 14 A | | 11 A | | | | | | |

**OLPH-6A1 LOAD SUMMARY**

| Load Classification | Connected Load | *Demand Factor | Estimated Demand | Panel Totals | |
|---|---|---|---|---|---|
| RCPTS | 10400 VA | | 10200 VA | | |
| MISC | 0 VA | | 0 VA | Total Conn. Load: | 10400 VA |
| | | | | Total Est. Demand: | 10200 VA |
| | | | | Total Conn.: | 13 A |
| | | | | Total Est. Demand: | 12 A |

**Notes:**
*See Demand Factor Table

## BRANCH PANEL: LPH-7B1

**Location:** ELEC B706
**Main Bus:** 225 A
**MCB:** 225A
**Voltage:** 480/277 Wye
**AIC Rating:** 10 kA

**Fed From:** LPH-P1B1
**Wires:** 4W + G
**Enclosure:** NEMA 1
**Bus Type:** COPPER
**Mounting:** WALL MOUNTED

**Neutral Bus:** YES
**Ground Bus:** YES
**Isolated Ground Bus:** NO
**200% Neutral:** NO
**Feed Through Lugs:** NO

| CKT | Circuit Description | Load Classification | Trip | Poles | A | | B | | C | | Poles | Trip | Load Classification | Circuit Description | CKT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | HEAT TRACE | HEAT | 30 A | 1 | 2000... | 2000... | | | | | 1 | 30 A | HEAT | HEAT TRACE | 2 |
| 3 | HEAT TRACE | HEAT | 30 A | 1 | | | 2000... | 1500... | | | 1 | 30 A | HEAT | HEAT TRACE | 4 |
| 5 | SPARE | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | SPARE | 6 |
| 7 | SPARE | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | SPARE | 8 |
| 9 | SPARE | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | SPARE | 10 |
| 11 | SPARE | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | SPARE | 12 |
| 13 | SPARE | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | SPARE | 14 |
| 15 | SPARE | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | SPARE | 16 |
| 17 | SPARE | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | SPARE | 18 |
| 19 | SPARE | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | SPARE | 20 |
| 21 | SPARE | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | SPARE | 22 |
| 23 | SPARE | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | SPARE | 24 |
| 25 | SPARE | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | SPARE | 26 |
| 27 | SPARE | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | SPARE | 28 |
| 29 | SPARE | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | SPARE | 30 |
| 31 | SPARE | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | SPARE | 32 |
| 33 | SPARE | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | SPARE | 34 |
| 35 | SPARE | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | SPARE | 36 |
| 37 | T-7B1-L | Spare;... | 70 A | 3 | 3280... | 0 VA | | | | | 1 | 20 A | -- | SPARE | 38 |
| 39 | -- | -- | -- | -- | | | 3180... | 0 VA | | | 1 | 20 A | -- | SPARE | 40 |
| 41 | -- | -- | -- | -- | | | | | 3880... | 0 VA | 1 | 20 A | -- | SPARE | 42 |
| | | | | Total Load: | 7280 VA | | 6680 VA | | 3880 VA | | | | | | |
| | | | | Total Amps: | 28 A | | 26 A | | 14 A | | | | | | |

**LPH-7B1 LOAD SUMMARY**

| Load Classification | Connected Load | *Demand Factor | Estimated Demand | Panel Totals | |
|---|---|---|---|---|---|
| RCPTS | 5940 VA | | 5940 VA | | |
| HEAT | 11900 VA | | 11900 VA | Total Conn. Load: | 17840 VA |
| | | | | Total Est. Demand: | 17840 VA |
| | | | | Total Conn.: | 21 A |
| | | | | Total Est. Demand: | 21 A |

**Notes:**
*See Demand Factor Table

PROFESSIONAL ENGINEER
No. 12182377-2202
MARC JACQUES
STATE OF UTAH

Expires 3/31/25
Stamped 5/31/24

Reserved for permit stamp

Olson Kundig
159 South Jackson St, Suite 600
Seattle, Washington 98104 USA
+1 206 624 5670 olsonkundig.com

project:
SOMMET BLANC
9300 Marsac Ave (B2 East Parcel)
Park City, Utah 84060

ASPEN GROUP
**Aspen Group USA, LLC**
PO Box 980022
Park City, Utah 84098

Pool Consultant
**Cloward H20**
2696 N University Ave, Suite 290
Provo, UT 84604

Landscape Architect
**EPG Design**
6949 South High Tech Drive, Suite 100
Midvale, Utah 84047

Specifications Writer
**Friday Group**
88 Mainelli Road
Middlebury, VT

Code Consultant
**Holmes**
600 1st Avenue, Suite 200A
Seattle, WA 98104

Fire Protection Engineer
**Jensen Hughes**
One Research Drive, Suite 305C
Westborough, MA 01581

Vertical Transportation Consulatant
**Lerch Bates**
19515 North Creek Parkway, Suite 304
Bothell, WA 98011

Structural Engineer
**Magnusson Klemencic Associates**
1301 5th Ave, Suite 3200
Seattle, WA 98101

Lighting Designer
**O-**
1319 SE MLK Blvd, Suite 210
Portland, Oregon 97219

Building Envelope Consultant
**RDH**
2101 N 34th St
Seattle, WA 98103

Accessibility Consultant
**Studio Pacifica**
2144 Westlake Ave N, Suite F
Seattle, WA 98109

MEP Engineer
**WSP USA**
1001 Fourth Ave., Suite 3100
Seattle, WA 98154

principal architect
project manager
drawn by
checked by Checker
job no.
date 5/31/2024

revisions:

| no. | date | | by |
|---|---|---|---|
| 2 | 5/31/2024 | IFC 3 | |

IFC Set 3 of 3
5/31/2024

ELECTRICAL SCHEDULES

E6.09AB