

### PANELBOARD "LIA-SECTION #1" SCHEDULE

| VOLTAGE | 208 Y / 120 3 PHASE 4 WIRE MAIN |             |       | 600A MLO  |       |       | MOUNTING SURFACE | PROVIDED WITH FEED-THRU LUGS |        |
|---------|---------------------------------|-------------|-------|-----------|-------|-------|------------------|------------------------------|--------|
|         | 600 AMP                         | FAULT DUTY: | BKR   | SEE RISER | AIC   | PHASE |                  |                              |        |
| CKT NO  | DESCRIPTION                     | LOAD        | NOTE  | BKR       | PHASE | LOAD  | NOTE             | DESCRIPTION                  | CKT NO |
| 1       | EXTERIOR LIGHTING               | 1.0         | 20/1  | 1.5       |       | 20/1  | 1, 2             | FACP                         | 2      |
| 3       | INTERIOR LIGHTING               | 1.6         | 20/1  | 2.1       |       | 20/1  | 1                | EXISTING WTR HTR             | 4      |
| 5       | SFARE                           | 0.0         | 20/1  | 0.5       |       | 20/1  | 3                | EXISTING ATM                 | 6      |
| 7       | SFARE                           | 0.0         | 20/1  | 0.5       |       | 20/1  | 3                | EXISTING ATM                 | 8      |
| 9       | SECURITY                        | 0.5         | 20/1  | 1.0       |       | 20/1  | 4                | EXISTING                     | 10     |
| 11      | DRY STORAGE                     | 0.5         | 20/1  | 1.4       |       | 20/1  | 4                | EXISTING                     | 12     |
| 13      | HEAT TRACE                      | 0.5         | 20/1  | 1.0       |       | 20/1  | 4                | EXISTING                     | 14     |
| 15      | COOLER                          | 0.2         | 20/1  | 0.1       |       | 20/1  | 4                | EXISTING                     | 16     |
| 17      | COOLER CONDENSING UNIT          | 1.6         | 20/2  | 5.9       |       | 50/3  | 1                | EXISTING CU TO REMAIN        | 18     |
| 19      | FREEZER                         | 1.4         | 20/2  | 5.1       |       | 50/3  | 1                | EXISTING CU TO REMAIN        | 20     |
| 21      | FREEZER                         | 1.4         | 20/2  | 5.1       |       | 50/3  | 1                | EXISTING CU TO REMAIN        | 22     |
| 23      | FREEZER CONDENSING UNIT         | 3.9         | 50/2  | 4.9       |       | 20/1  | 1.0              | MANAGERS OFFICE              | 24     |
| 25      | FREEZER CONDENSING UNIT         | 3.9         | 50/2  | 4.9       |       | 20/1  | 1.0              | MANAGERS OFFICE              | 26     |
| 27      | EP-1, EP-2                      | 0.1         | 20/1  | 1.1       |       | 20/1  | 1.0              | MANAGERS OFFICE              | 28     |
| 29      | KEF-1                           | 0.4         | 20/3  | 0.7       |       | 20/3  |                  | KEF-2                        | 30     |
| 31      | KEF-1                           | 0.4         | 20/3  | 0.7       |       | 20/3  |                  | KEF-2                        | 32     |
| 33      | KEF-1                           | 0.4         | 20/3  | 0.7       |       | 20/3  |                  | KEF-2                        | 34     |
| 35      | RTU-1                           | 9.5         | 100/3 | 14.5      |       | 50/3  |                  | RTU-2                        | 36     |
| 37      | RTU-1                           | 9.5         | 100/3 | 14.5      |       | 50/3  |                  | RTU-2                        | 38     |
| 41      | RTU-1                           | 9.5         | 100/3 | 14.5      |       | 50/3  |                  | RTU-2                        | 40     |
| 41      | RTU-1                           | 9.5         | 100/3 | 14.5      |       | 50/3  |                  | RTU-2                        | 42     |

### PANELBOARD "LIA-SECTION #2" SCHEDULE

| VOLTAGE | 208 Y / 120 3 PHASE 4 WIRE MAIN |             |      | 600A MLO  |       |       | MOUNTING SURFACE | PROVIDED WITH FEED-THRU LUGS |        |
|---------|---------------------------------|-------------|------|-----------|-------|-------|------------------|------------------------------|--------|
|         | 600 AMP                         | FAULT DUTY: | BKR  | SEE RISER | AIC   | PHASE |                  |                              |        |
| CKT NO  | DESCRIPTION                     | LOAD        | NOTE | BKR       | PHASE | LOAD  | NOTE             | DESCRIPTION                  | CKT NO |
| 43      | ELECTRIC FRYERS                 | 6.6         | 10/3 | 18.6      |       | 120/3 |                  | ELECTRIC GRILL               | 44     |
| 45      | ELECTRIC FRYERS                 | 6.6         | 10/3 | 18.6      |       | 120/3 |                  | ELECTRIC GRILL               | 46     |
| 47      | SHUNT TRIP                      | 0.0         |      | 0.0       |       | 0.0   |                  | SHUNT TRIP                   | 48     |
| 49      | SHUNT TRIP                      | 0.0         |      | 0.0       |       | 0.0   |                  | SHUNT TRIP                   | 50     |
| 51      | ELECTRIC FRYERS                 | 6.6         | 10/3 | 18.6      |       | 120/3 |                  | ELECTRIC GRILL               | 52     |
| 53      | ELECTRIC FRYERS                 | 6.6         | 10/3 | 18.6      |       | 120/3 |                  | ELECTRIC GRILL               | 54     |
| 55      | SHUNT TRIP                      | 0.0         |      | 0.0       |       | 0.0   |                  | SHUNT TRIP                   | 56     |
| 57      | SHUNT TRIP                      | 0.0         |      | 0.0       |       | 0.0   |                  | SHUNT TRIP                   | 58     |
| 59      | ELECTRIC FRYERS                 | 5.1         | 10/3 | 5.1       |       | 5.0   | 20/1             | SCREEN UNDER HOOD            | 60     |
| 61      | ELECTRIC FRYERS                 | 5.1         | 10/3 | 5.1       |       | 5.0   | 20/1             | SCREEN UNDER HOOD            | 62     |
| 63      | SHUNT TRIP                      | 0.0         |      | 0.0       |       | 0.0   |                  | SHUNT TRIP                   | 64     |
| 65      | SHUNT TRIP                      | 0.0         |      | 0.0       |       | 0.0   |                  | SHUNT TRIP                   | 66     |
| 67      | ELECTRIC FRYERS                 | 4.1         | 50/2 | 6.0       |       | 30/3  |                  | ELECTRIC OVEN                | 68     |
| 69      | ELECTRIC FRYERS                 | 4.1         | 50/2 | 6.0       |       | 30/3  |                  | ELECTRIC OVEN                | 70     |
| 71      | SHUNT TRIP                      | 0.0         |      | 0.0       |       | 2.1   |                  | SHAKE MACHINE                | 72     |
| 73      | ELECTRIC FRYERS                 | 4.1         | 50/2 | 5.5       |       | 20/2  |                  | SHAKE MACHINE                | 74     |
| 75      | ELECTRIC FRYERS                 | 4.1         | 50/2 | 5.5       |       | 20/2  |                  | SHAKE MACHINE                | 76     |
| 77      | SHUNT TRIP                      | 0.0         |      | 0.0       |       | 0.1   |                  | MULTIPLY CONDENSER UNIT      | 78     |
| 79      | MULTIPLY REFRIGERATION UNIT     | 3.0         | 30/3 | 3.3       |       | 20/2  |                  | MULTIPLY AIR COMPRESSOR      | 80     |
| 81      | MULTIPLY REFRIGERATION UNIT     | 3.0         | 30/3 | 3.3       |       | 20/2  |                  | MULTIPLY AIR COMPRESSOR      | 82     |
| 83      | MULTIPLY REFRIGERATION UNIT     | 3.0         | 30/3 | 3.3       |       | 20/2  |                  | MULTIPLY AIR COMPRESSOR      | 84     |

### PANELBOARD "LIA-SECTION #3" SCHEDULE

| VOLTAGE | 208 Y / 120 3 PHASE 4 WIRE MAIN |             |      | 600A MLO  |       |       | MOUNTING SURFACE | PROVIDED WITH FEED-THRU LUGS |        |
|---------|---------------------------------|-------------|------|-----------|-------|-------|------------------|------------------------------|--------|
|         | 600 AMP                         | FAULT DUTY: | BKR  | SEE RISER | AIC   | PHASE |                  |                              |        |
| CKT NO  | DESCRIPTION                     | LOAD        | NOTE | BKR       | PHASE | LOAD  | NOTE             | DESCRIPTION                  | CKT NO |
| 85      | DRINK DISPENSER                 | 1.0         | 1    | 20/1      | 1.5   | 20/1  | 0.5              | POS RECEP                    | 86     |
| 87      | FREEZER                         | 1.4         | 1    | 20/1      | 1.5   | 20/1  | 0.5              | POS RECEP                    | 88     |
| 89      | FRIDGE                          | 1.0         | 1    | 20/1      | 1.4   | 20/1  | 0.4              | MENU BOARD                   | 90     |
| 91      | FRIDGE                          | 1.0         | 1    | 20/1      | 1.6   | 20/1  | 0.5              | HALL RECEP                   | 92     |
| 93      | SUPER COOLER                    | 1.3         | 1    | 20/1      | 1.7   | 20/1  | 0.4              | RESTROOM RECEP               | 94     |
| 95      | UC FRIDGE                       | 0.4         | 1    | 20/1      | 1.1   | 20/1  | 0.1              | KITCHEN RECEP                | 96     |
| 97      | UC FRIDGE                       | 0.5         | 1    | 20/1      | 1.2   | 20/1  | 0.1              | BOH RECEP                    | 98     |
| 99      | UC FRIDGE                       | 0.5         | 1    | 20/1      | 0.5   | 20/1  | 1                | BOH RECEP                    | 100    |
| 101     | COMPACT FREEZER                 | 1.0         | 1    | 20/1      | 1.0   | 20/1  | 0.0              | SFARE                        | 102    |
| 103     | MICROVAIVE                      | 1.6         | 1    | 20/1      | 1.6   | 20/1  | 0.0              | SFARE                        | 104    |
| 105     | HOT HOLDING BOX                 | 1.6         | 1    | 20/1      | 2.5   | 20/1  | 0.3              | WARMING BIN                  | 106    |
| 107     | HOT HOLDING BOX                 | 1.6         | 1    | 20/1      | 2.5   | 20/1  | 0.3              | WARMING BIN                  | 108    |
| 109     | TEA BREWER                      | 1.1         | 1    | 20/1      | 2.6   | 20/2  | 0.3              | WARMING BIN                  | 110    |
| 111     | MONITORS                        | 0.4         | 1    | 20/1      | 1.4   | 20/2  | 0.0              | BUN                          | 112    |
| 113     | MONITORS                        | 0.4         | 1    | 20/1      | 2.0   | 20/2  | 0.1              | BUN                          | 114    |
| 115     | MONITORS                        | 0.4         | 1    | 20/1      | 2.0   | 20/2  | 0.1              | BUN                          | 116    |
| 117     | HUD MONITOR                     | 0.5         | 1    | 20/1      | 2.2   | 20/1  | 0.1              | BUN                          | 118    |
| 119     | TABLET                          | 0.5         | 1    | 20/1      | 2.2   | 20/1  | 0.1              | BUN                          | 120    |
| 121     | ICE MAKER REMOTE CONDENSER      | 1.1         |      |           | 4.2   | 0/2   | 2                | COFFEE BREWER                | 122    |
| 123     | ICE MAKER REMOTE CONDENSER      | 1.1         | 25/3 |           | 4.2   | 0/2   | 2                | COFFEE BREWER                | 124    |
| 125     | ICE MAKER REMOTE CONDENSER      | 1.1         |      |           | 4.2   | 0/2   | 2                | ICE MAKER                    | 126    |

NOTES:  
 1 EXISTING CIRCUIT TO BE MIGRATED FROM EXISTING PANEL "L-1"  
 2 PROVIDE WITH LOCK-ON BREAKER KIT  
 3 EXISTING CIRCUIT TO BE MIGRATED FROM EXISTING PANEL "L-2"  
 4 SPACE RESERVED FOR CIRCUITS THAT ARE EXISTING-TO-REMAIN

NOTES:  
 1 PROVIDE GFCI BREAKER

NOTES:  
 1 PROVIDE GFCI BREAKER

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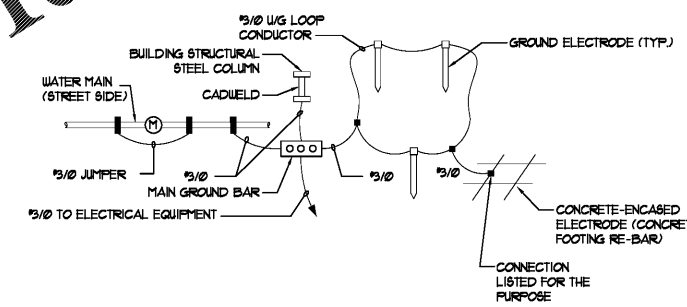
### RISER DIAGRAM FEEDER SCHEDULE

NOTE: ALL CONDUCTORS SIZES IN THIS SCHEDULE ARE SIZED FOR COPPER

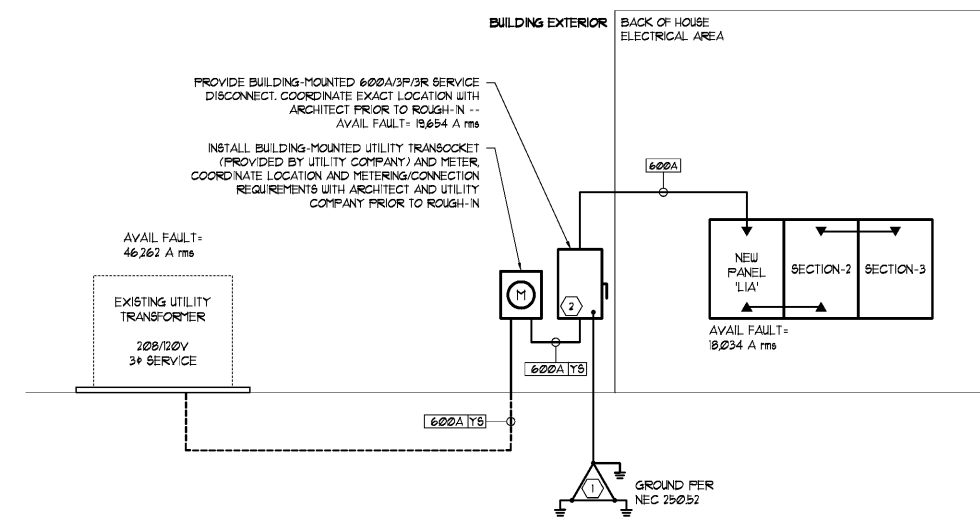
| TAG       | NUMBER OF SETS | CONFIG.   | PHASE/NEUTRAL SIZE PER SET | EQUIP. GROUND PER SET | CONDUIT SIZE PER SET | NOTES           |
|-----------|----------------|-----------|----------------------------|-----------------------|----------------------|-----------------|
| 600A / YS | 2              | 3-PH, 4W  | 4 * 350 KCMIL              | N/A                   | 3"                   | SERVICE LATERAL |
| 600A      | 2              | 3-PH, 4WG | 4 * 350 KCMIL              | 1*                    | 3"                   |                 |

- #### KEY NOTES (APPLY TO THIS SHEET ONLY)
- GROUND THE SERVICE ENTRANCE EQUIPMENT PER SPECIFICATION SECTION 160516 AND NEC SECTION 25052.
  - EQUIPMENT SHALL BE 100% RATED AND SERVICE ENTRANCE RATED.

- #### RISER DIAGRAM NOTES:
- FOR ALL NEW PANELBOARDS SUPPLIED BY A FEEDER, PROVIDE A LABEL INDICATING THE DEVICE OR EQUIPMENT FROM WHICH THE POWER SUPPLY ORIGINATES PER NEC 408.4(B).
  - PROVIDE ARC-FLASH WARNING LABELS PER NEC 110.16 ON ALL NEW ELECTRICAL EQUIPMENT AND ANY EXISTING ELECTRICAL EQUIPMENT THAT IS MODIFIED.
  - FIELD MARK ELECTRICAL SERVICE EQUIPMENT WITH A CONSPICUOUS AND PERMANENT LABEL THAT INDICATES THE AVAILABLE FAULT CURRENT IN ACCORDANCE WITH NEC 110.24.



2 MAIN GROUNDING DETAIL  
NO SCALE



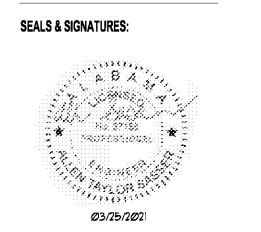
1 ELECTRICAL RISER DIAGRAM  
NO SCALE



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Project No.: SNA Project #: 2021-04  
 Client Project No.: 210000X  
 Drawing Title: RISER DIAGRAM - ELECTRICAL  
 Date: 03/25/2021 Phase:  
 Designed: -- Drawn: -- Checked: -- Drawing No.: E5.0