

Name: H9

MAIN BREAKER: \_\_\_\_\_ AMPS  
 MAIN LUGS: 225 AMPS  
 A.I.C.: 42,000 AMPS  
 SURFACE MTD: X  
 FLUSH MTD: \_\_\_\_\_  
 1 PHASE  
 3 WIRE  
 208Y/120V  
 480Y/277V  
 X 240/120V

| C<br>K<br>T<br>N<br>O | I<br>D<br>E<br>N<br>T<br>I<br>F<br>I<br>C<br>A<br>T<br>I<br>O<br>N | C<br>O<br>D<br>E | L<br>O<br>A<br>D/<br>P<br>H<br>A<br>S<br>E (KVA) |     | C<br>I<br>R<br>C<br>U<br>I<br>T<br>B<br>R<br>E<br>A<br>K<br>E<br>R |       |       |      | L<br>O<br>A<br>D/<br>P<br>H<br>A<br>S<br>E (KVA) |     | I<br>D<br>E<br>N<br>T<br>I<br>F<br>I<br>C<br>A<br>T<br>I<br>O<br>N | C<br>K<br>T<br>N<br>O | N<br>O<br>T<br>E<br>S |
|-----------------------|--------------------------------------------------------------------|------------------|--------------------------------------------------|-----|--------------------------------------------------------------------|-------|-------|------|--------------------------------------------------|-----|--------------------------------------------------------------------|-----------------------|-----------------------|
|                       |                                                                    |                  | A                                                | B   | TRIP                                                               | POLES | POLES | TRIP | A                                                | B   |                                                                    |                       |                       |
|                       |                                                                    |                  |                                                  |     |                                                                    |       |       |      |                                                  |     |                                                                    |                       |                       |
| 1                     | LIGHTING - SITE                                                    | L                | 0.3                                              |     | 20                                                                 | 1     | 1     | 20   | 1.0                                              |     | E FACP                                                             | 2                     |                       |
| 3                     | SPARE                                                              |                  |                                                  |     | 20                                                                 | 1     | 1     | 20   |                                                  | 0.8 | L RECEPT. & LTG. - SPRINKLER CLOS.                                 | 4                     |                       |
| 5                     | BREEZEWAY LIGHTING                                                 | L                | 1.0                                              |     | 20                                                                 | 1     | 1     | 20   | 0.5                                              |     | H EBBH-A                                                           | 6                     |                       |
| 7                     | SPARE                                                              |                  |                                                  |     | 20                                                                 | 1     | 1     | 20   |                                                  |     | SPARE                                                              | 8                     |                       |
| 9                     | RECEPTACLES                                                        | R                | 0.4                                              |     | 20                                                                 | 1     | 1     | 20   |                                                  |     | SPARE                                                              | 10                    |                       |
| 11                    | RECEPTACLES                                                        | R                |                                                  | 0.4 | 20                                                                 | 1     | 1     | 20   |                                                  |     | SPARE                                                              | 12                    |                       |
| 13                    | SPARE                                                              |                  |                                                  |     | 20                                                                 | 1     | 1     | 20   |                                                  |     | SPARE                                                              | 14                    |                       |
| 15                    | SPARE                                                              |                  |                                                  |     | 20                                                                 | 1     | 1     | 20   |                                                  |     | SPARE                                                              | 16                    |                       |
| 17                    | SPARE                                                              |                  |                                                  |     | 20                                                                 | 1     | 1     | 20   |                                                  |     | SPARE                                                              | 18                    |                       |
| 19                    | SPARE                                                              |                  |                                                  |     | 20                                                                 | 1     | 1     | 20   |                                                  |     | SPARE                                                              | 20                    |                       |
| 21                    | SPARE                                                              |                  |                                                  |     | 20                                                                 | 1     | 1     | 20   |                                                  |     | SPARE                                                              | 22                    |                       |
| 23                    | SPARE                                                              |                  |                                                  |     | 20                                                                 | 1     | 1     | 20   |                                                  |     | SPARE                                                              | 24                    |                       |
|                       |                                                                    |                  | 1.6                                              | 0.4 |                                                                    |       |       |      | 1.5                                              | 0.8 |                                                                    |                       |                       |

|                 | CONNECTED | D.F. | DEMAND |
|-----------------|-----------|------|--------|
| LIGHTING (L)    | 2.0       | 1.25 | 2.5    |
| RECEPTACLES (R) | 0.8       | NEC  | 0.8    |
| MOTORS (M)      | 0.0       | 1.0  | 0.0    |
| HVAC (H)        | 0.5       | 1.0  | 0.5    |
| EQUIPMENT (E)   | 1.0       | 1.0  | 1.0    |

TOTAL CONNECTED: 4.3 KVA  
 TOTAL DEMAND: 4.8 KVA  
 TOTAL AMPS: 20.2 AMPS

NOTES:

Name: H10

MAIN BREAKER: \_\_\_\_\_ AMPS  
 MAIN LUGS: 225 AMPS  
 A.I.C.: 42,000 AMPS  
 SURFACE MTD: X  
 FLUSH MTD: \_\_\_\_\_  
 1 PHASE  
 3 WIRE  
 208Y/120V  
 480Y/277V  
 X 240/120V

| C<br>K<br>T<br>N<br>O | I<br>D<br>E<br>N<br>T<br>I<br>F<br>I<br>C<br>A<br>T<br>I<br>O<br>N | C<br>O<br>D<br>E | L<br>O<br>A<br>D/<br>P<br>H<br>A<br>S<br>E (KVA) |     | C<br>I<br>R<br>C<br>U<br>I<br>T<br>B<br>R<br>E<br>A<br>K<br>E<br>R |       |       |      | L<br>O<br>A<br>D/<br>P<br>H<br>A<br>S<br>E (KVA) |     | I<br>D<br>E<br>N<br>T<br>I<br>F<br>I<br>C<br>A<br>T<br>I<br>O<br>N | C<br>K<br>T<br>N<br>O | N<br>O<br>T<br>E<br>S |
|-----------------------|--------------------------------------------------------------------|------------------|--------------------------------------------------|-----|--------------------------------------------------------------------|-------|-------|------|--------------------------------------------------|-----|--------------------------------------------------------------------|-----------------------|-----------------------|
|                       |                                                                    |                  | A                                                | B   | TRIP                                                               | POLES | POLES | TRIP | A                                                | B   |                                                                    |                       |                       |
|                       |                                                                    |                  |                                                  |     |                                                                    |       |       |      |                                                  |     |                                                                    |                       |                       |
| 1                     | LIGHTING - SITE                                                    | L                | 0.2                                              |     | 20                                                                 | 1     | 1     | 20   | 1.0                                              |     | E FACP                                                             | 2                     |                       |
| 3                     | SPARE                                                              |                  |                                                  |     | 20                                                                 | 1     | 1     | 20   |                                                  | 0.8 | L RECEPT. & LTG. - SPRINKLER CLOS.                                 | 4                     |                       |
| 5                     | BREEZEWAY LIGHTING                                                 | L                | 1.0                                              |     | 20                                                                 | 1     | 1     | 20   | 0.5                                              |     | H EBBH-A                                                           | 6                     |                       |
| 7                     | BREEZEWAY LIGHTING                                                 | L                |                                                  | 1.0 | 20                                                                 | 1     | 1     | 20   |                                                  |     | SPARE                                                              | 8                     |                       |
| 9                     | RECEPTACLES                                                        | R                | 0.4                                              |     | 20                                                                 | 1     | 1     | 20   |                                                  |     | SPARE                                                              | 10                    |                       |
| 11                    | RECEPTACLES                                                        | R                |                                                  | 0.6 | 20                                                                 | 1     | 1     | 20   |                                                  |     | SPARE                                                              | 12                    |                       |
| 13                    | SPARE                                                              |                  |                                                  |     | 20                                                                 | 1     | 1     | 20   |                                                  |     | SPARE                                                              | 14                    |                       |
| 15                    | SPARE                                                              |                  |                                                  |     | 20                                                                 | 1     | 1     | 20   |                                                  |     | SPARE                                                              | 16                    |                       |
| 17                    | SPARE                                                              |                  |                                                  |     | 20                                                                 | 1     | 1     | 20   |                                                  |     | SPARE                                                              | 18                    |                       |
| 19                    | SPARE                                                              |                  |                                                  |     | 20                                                                 | 1     | 1     | 20   |                                                  |     | SPARE                                                              | 20                    |                       |
| 21                    | SPARE                                                              |                  |                                                  |     | 20                                                                 | 1     | 1     | 20   |                                                  |     | SPARE                                                              | 22                    |                       |
| 23                    | SPARE                                                              |                  |                                                  |     | 20                                                                 | 1     | 1     | 20   |                                                  |     | SPARE                                                              | 24                    |                       |
|                       |                                                                    |                  | 1.6                                              | 1.6 |                                                                    |       |       |      | 1.5                                              | 0.8 |                                                                    |                       |                       |

|                 | CONNECTED | D.F. | DEMAND |
|-----------------|-----------|------|--------|
| LIGHTING (L)    | 3.0       | 1.25 | 3.7    |
| RECEPTACLES (R) | 1.0       | NEC  | 1.0    |
| MOTORS (M)      | 0.0       | 1.0  | 0.0    |
| HVAC (H)        | 0.5       | 1.0  | 0.5    |
| EQUIPMENT (E)   | 1.0       | 1.0  | 1.0    |

TOTAL CONNECTED: 5.5 KVA  
 TOTAL DEMAND: 6.2 KVA  
 TOTAL AMPS: 25.8 AMPS

NOTES:

Name: H11

MAIN BREAKER: \_\_\_\_\_ AMPS  
 MAIN LUGS: 225 AMPS  
 A.I.C.: 42,000 AMPS  
 SURFACE MTD: X  
 FLUSH MTD: \_\_\_\_\_  
 1 PHASE  
 3 WIRE  
 208Y/120V  
 480Y/277V  
 X 240/120V

| C<br>K<br>T<br>N<br>O | I<br>D<br>E<br>N<br>T<br>I<br>F<br>I<br>C<br>A<br>T<br>I<br>O<br>N | C<br>O<br>D<br>E | L<br>O<br>A<br>D/<br>P<br>H<br>A<br>S<br>E (KVA) |     | C<br>I<br>R<br>C<br>U<br>I<br>T<br>B<br>R<br>E<br>A<br>K<br>E<br>R |       |       |      | L<br>O<br>A<br>D/<br>P<br>H<br>A<br>S<br>E (KVA) |     | I<br>D<br>E<br>N<br>T<br>I<br>F<br>I<br>C<br>A<br>T<br>I<br>O<br>N | C<br>K<br>T<br>N<br>O | N<br>O<br>T<br>E<br>S |
|-----------------------|--------------------------------------------------------------------|------------------|--------------------------------------------------|-----|--------------------------------------------------------------------|-------|-------|------|--------------------------------------------------|-----|--------------------------------------------------------------------|-----------------------|-----------------------|
|                       |                                                                    |                  | A                                                | B   | TRIP                                                               | POLES | POLES | TRIP | A                                                | B   |                                                                    |                       |                       |
|                       |                                                                    |                  |                                                  |     |                                                                    |       |       |      |                                                  |     |                                                                    |                       |                       |
| 1                     | LIGHTING - SITE                                                    | L                | 0.3                                              |     | 20                                                                 | 1     | 1     | 20   | 1.0                                              |     | E FACP                                                             | 2                     |                       |
| 3                     | LIGHTING - SITE                                                    | L                |                                                  | 0.2 | 20                                                                 | 1     | 1     | 20   |                                                  | 0.8 | L RECEPT. & LTG. - SPRINKLER CLOS.                                 | 4                     |                       |
| 5                     | BREEZEWAY LIGHTING                                                 | L                | 1.0                                              |     | 20                                                                 | 1     | 1     | 20   | 0.5                                              |     | H EBBH-A                                                           | 6                     |                       |
| 7                     | BREEZEWAY LIGHTING                                                 | L                |                                                  | 1.0 | 20                                                                 | 1     | 1     | 20   |                                                  |     | SPARE                                                              | 8                     |                       |
| 9                     | RECEPTACLES                                                        | R                | 0.4                                              |     | 20                                                                 | 1     | 1     | 20   |                                                  |     | SPARE                                                              | 10                    |                       |
| 11                    | RECEPTACLES                                                        | R                |                                                  | 0.6 | 20                                                                 | 1     | 1     | 20   |                                                  |     | SPARE                                                              | 12                    |                       |
| 13                    | SPARE                                                              |                  |                                                  |     | 20                                                                 | 1     | 1     | 20   |                                                  |     | SPARE                                                              | 14                    |                       |
| 15                    | SPARE                                                              |                  |                                                  |     | 20                                                                 | 1     | 1     | 20   |                                                  |     | SPARE                                                              | 16                    |                       |
| 17                    | SPARE                                                              |                  |                                                  |     | 20                                                                 | 1     | 1     | 20   |                                                  |     | SPARE                                                              | 18                    |                       |
| 19                    | SPARE                                                              |                  |                                                  |     | 20                                                                 | 1     | 1     | 20   |                                                  |     | SPARE                                                              | 20                    |                       |
| 21                    | SPARE                                                              |                  |                                                  |     | 20                                                                 | 1     | 1     | 20   |                                                  |     | SPARE                                                              | 22                    |                       |
| 23                    | SPARE                                                              |                  |                                                  |     | 20                                                                 | 1     | 1     | 20   |                                                  |     | SPARE                                                              | 24                    |                       |
|                       |                                                                    |                  | 1.7                                              | 1.8 |                                                                    |       |       |      | 1.5                                              | 0.8 |                                                                    |                       |                       |

|                 | CONNECTED | D.F. | DEMAND |
|-----------------|-----------|------|--------|
| LIGHTING (L)    | 3.3       | 1.25 | 4.1    |
| RECEPTACLES (R) | 1.0       | NEC  | 1.0    |
| MOTORS (M)      | 0.0       | 1.0  | 0.0    |
| HVAC (H)        | 0.5       | 1.0  | 0.5    |
| EQUIPMENT (E)   | 1.0       | 1.0  | 1.0    |

TOTAL CONNECTED: 5.8 KVA  
 TOTAL DEMAND: 6.6 KVA  
 TOTAL AMPS: 27.6 AMPS

NOTES:

Name: H12

MAIN BREAKER: \_\_\_\_\_ AMPS  
 MAIN LUGS: 225 AMPS  
 A.I.C.: 42,000 AMPS  
 SURFACE MTD: X  
 FLUSH MTD: \_\_\_\_\_  
 1 PHASE  
 3 WIRE  
 208Y/120V  
 480Y/277V  
 X 240/120V

| C<br>K<br>T<br>N<br>O | I<br>D<br>E<br>N<br>T<br>I<br>F<br>I<br>C<br>A<br>T<br>I<br>O<br>N | C<br>O<br>D<br>E | L<br>O<br>A<br>D/<br>P<br>H<br>A<br>S<br>E (KVA) |     | C<br>I<br>R<br>C<br>U<br>I<br>T<br>B<br>R<br>E<br>A<br>K<br>E<br>R |       |       |      | L<br>O<br>A<br>D/<br>P<br>H<br>A<br>S<br>E (KVA) |     | I<br>D<br>E<br>N<br>T<br>I<br>F<br>I<br>C<br>A<br>T<br>I<br>O<br>N | C<br>K<br>T<br>N<br>O | N<br>O<br>T<br>E<br>S |
|-----------------------|--------------------------------------------------------------------|------------------|--------------------------------------------------|-----|--------------------------------------------------------------------|-------|-------|------|--------------------------------------------------|-----|--------------------------------------------------------------------|-----------------------|-----------------------|
|                       |                                                                    |                  | A                                                | B   | TRIP                                                               | POLES | POLES | TRIP | A                                                | B   |                                                                    |                       |                       |
|                       |                                                                    |                  |                                                  |     |                                                                    |       |       |      |                                                  |     |                                                                    |                       |                       |
| 1                     | LIGHTING - SITE                                                    | L                | 0.1                                              |     | 20                                                                 | 1     | 1     | 20   | 1.0                                              |     | E FACP                                                             | 2                     |                       |
| 3                     | SPARE                                                              |                  |                                                  | 0.2 | 20                                                                 | 1     | 1     | 20   |                                                  | 0.8 | L RECEPT. & LTG. - SPRINKLER CLOS.                                 | 4                     |                       |
| 5                     | BREEZEWAY LIGHTING                                                 | L                | 0.8                                              |     | 20                                                                 | 1     | 1     | 20   | 0.5                                              |     | H EBBH-A                                                           | 6                     |                       |
| 7                     | BREEZEWAY LIGHTING                                                 | L                |                                                  | 0.8 | 20                                                                 | 1     | 1     | 20   |                                                  |     | SPARE                                                              | 8                     |                       |
| 9                     | RECEPTACLES                                                        | R                | 1.0                                              |     | 20                                                                 | 1     | 2     | 100  | 3.9                                              |     | E PANEL T                                                          | 10                    |                       |
| 11                    | RECEPTACLES                                                        | R                |                                                  | 0.8 | 20                                                                 | 1     | -     | -    |                                                  | 1.6 | E ---                                                              | 12                    |                       |
| 13                    | SPARE                                                              |                  |                                                  |     | 20                                                                 | 1     | 2     | 100  | 6.9                                              |     | E PANEL M                                                          | 14                    |                       |
| 15                    | SPARE                                                              |                  |                                                  |     | 20                                                                 | 1     | -     | -    |                                                  | 5.1 | E ---                                                              | 16                    |                       |
| 17                    | SPARE                                                              |                  |                                                  |     | 20                                                                 | 1     | 1     | 20   |                                                  |     | SPARE                                                              | 18                    |                       |
| 19                    | SPARE                                                              |                  |                                                  |     | 20                                                                 | 1     | 1     | 20   |                                                  |     | SPARE                                                              | 20                    |                       |
| 21                    | SPARE                                                              |                  |                                                  |     | 20                                                                 | 1     | 1     | 20   |                                                  |     | SPARE                                                              | 22                    |                       |
| 23                    | SPARE                                                              |                  |                                                  |     | 20                                                                 | 1     | 1     | 20   |                                                  |     | SPARE                                                              | 24                    |                       |
|                       |                                                                    |                  | 1.9                                              | 1.8 |                                                                    |       |       |      | 14.3                                             | 7.5 |                                                                    |                       |                       |

|                 | CONNECTED | D.F. | DEMAND |
|-----------------|-----------|------|--------|
| LIGHTING (L)    | 2.7       | 1.25 | 3.3    |
| RECEPTACLES (R) | 1.8       | NEC  | 1.8    |
| MOTORS (M)      | 0.0       | 1.0  | 0.0    |
| HVAC (H)        | 0.5       | 1.0  | 0.5    |
| EQUIPMENT (E)   | 20.5      | 1.0  | 20.5   |

TOTAL CONNECTED: 25.5 KVA  
 TOTAL DEMAND: 26.1 KVA  
 TOTAL AMPS: 108.9 AMPS

NOTES:



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 DENGGLISH@ENGLISHASSOCIATESINC.COM

JOB PROGRESS:

ITEM: DATE:

REVISIONS:

TAG: DATE:

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ALEXANDRIA  
 AN APARTMENT COMMUNITY  
 FOR  
 Bobo Family Group  
 HUNTSVILLE, ALABAMA

JOB NUMBER:

DRAWN BY:

CHECKED BY:

PANELBOARDS

SHEET NO.

Order Plans @