



# CITY OF PANAMA CITY BEACH

October 6, 2022

## ADDENDUM NO. 2

### PCB22-86 ITB

### Fire Station No. 31 - Replacement

#### Questions:

- 1) The specifications include a LVT. The finish schedule on sheet A1.1A does not mention LVT. Is there any LVT in the job?

**A. No LVT called for. Provide finishes as called for in finish schedule, sheet A1.1A.**

- 2) Sheet A1.1A, Remark #4 states to depress slab 2" at shower. Will there be a curb or is the intent to connect the bath floor tile with the shower floor tile:

**A. Provide specified curb (093000), where called for (Keynote #7) on sheet A1.1A.**

- 3) The Index indicates wall types; however, Drawing A1.1A does not designate which wall types have been assigned to specific walls. Contractor requests drawings depicting Interior Wall/Partition Types and Section Details.

**A. Additional drawings or details are not required. Wall Types on index sheet is a graphical legend; wall types on plan are designated by corresponding linework depictions. Keynotes on plan designate additional requirements for specific walls, where indicated on plan.**

- 4) Security (Transaction) Windows – Chicago Bullet Proof approved equal request:

**A. Subject to compliance with requirements of specification section 08 56 53, and details B & C on sheet A8.2, Chicago Bullet Proof STW is accepted as equal.**

- 5) The legend page 78 (E0.1) and the Page 82, Floor Plan – Misc. System (E4.1) don't have the same symbol for the horn/strobe or speaker/strobe. I am not sure which you are using. 2.3.F sounds like a horn system. Please confirm the type of device:

A. Speaker/strobes are not required for this project, only horn/strobes.  
All "SPEAKER/STROBE" notation in documents is revised to read  
"HORN/STROBE".

### **Revisions:**

6) **Sheet A1.1A – Architectural Floor Plan:**

Revise Finish Schedule Key at spaces 106, 107, 110, 111, 112, 113, 118, 119, 120, 122, 124, 126, 127, 128, 129, and 135, to add Remark #1, ("provide continuous 3.5" sound batts above finish ceiling").

Revise Construction Keynote 4 to read: "Provide ½" Resilient **Sound Isolation Clips** this side of stud wall, **and fill space between wall studs with 3½" sound insulation batts.**"

- 7) **Sheets E5.1 - Lighting & E8.2 – Schedules:** Revisions to add three additional room controllers and one additional circuit in Apparatus Bay 100:

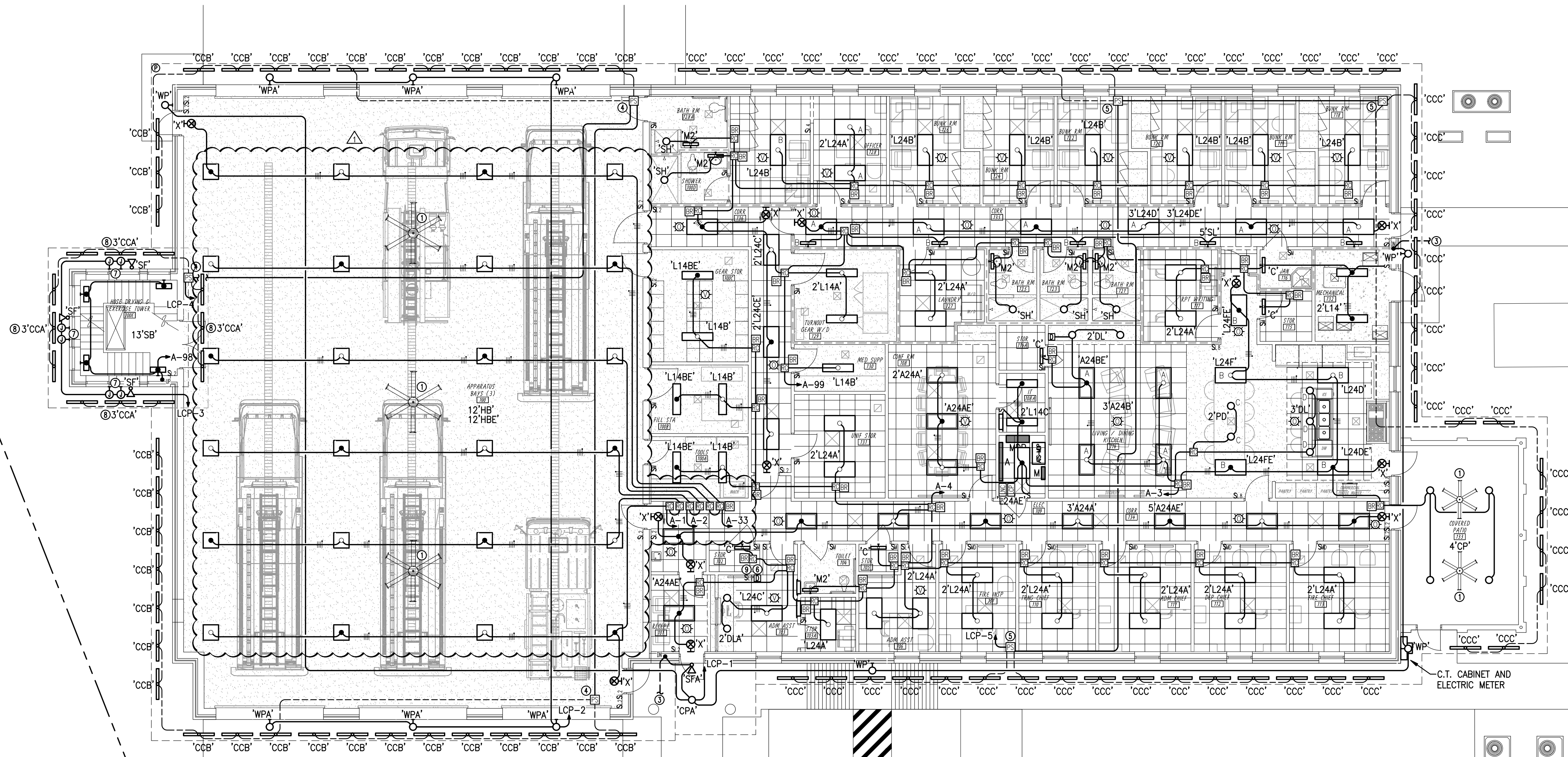
**Replace Sheet E5.1 in its entirety with new sheet E5.1, Revision 1 dated 10/05/22 (Attachment #1)**

**Replace Sheet E8.2 in its entirety with new sheet E8.2, Revision 1 dated 10/05/22 (Attachment #2)**

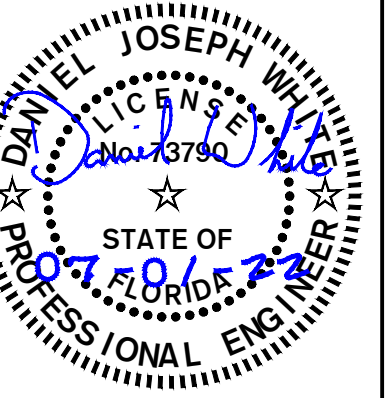
**End of Addendum**

ALL CEILING LAYOUTS SHALL BE COORDINATED WITH ARCHITECTURAL REFLECTED CEILING PLANS. ANY CONFLICTS IDENTIFIED SHALL BE COORDINATED WITH THE ARCHITECT.

- ① CEILING FAN BEING PROVIDED AND INSTALLED BY OTHERS. ELECTRICAL CONNECTION TO BE MADE BY ELECTRICAL CONTRACTOR.
- ② MOUNT PHOTOCELL AS HIGH AS POSSIBLE FACING NORTH.
- ③ EXTEND CIRCUIT TO EXTERIOR LIGHTING FIXTURE FOR POWER AND CONTROL REQUIREMENTS.
- ④ INSTALL LIGHTING FIXTURE DATA/POWER SUPPLY EQUAL TO COLORKINETICS CM-150 CA gen2. MOUNT DEVICE 10"-0" AFF TO BOTTOM FOR MAINTENANCE PURPOSES.
- ⑤ INSTALL LIGHTING FIXTURE DATA/POWER SUPPLY EQUAL TO COLORKINETICS CM-150 CA gen2. MOUNT DEVICE ABOVE ACCESSIBLE CEILING SPACE.
- ⑥ INSTALL FIXTURE 'OC' USER INTERFACE SWITCH/ADJUSTMENT CONTROL AT 48" AFF FOR CONTROL OF COLOR CHANGING SOFFIT FIXTURES. REFER TO LIGHTING CONTROL DETAILS FOR MORE INFORMATION.
- ⑦ INSTALL JUNCTION BOX FOR CONNECTION TO BACKLIT NUMERICAL SIGNAGE. COORDINATE INSTALLATION MOUNTING HEIGHT AND LOCATION PRIOR TO ROUGHING IN.
- ⑧ LIGHTING FIXTURES TO BE INSTALLED AT TOWER SOFFIT EAVE.
- ⑨ INSTALL MANUAL OVERRIDE SWITCH ADJACENT TO TOUCH SCREEN INTERFACE CONTROL STATION.



**FLOOR PLAN - LIGHTING**



| NO.                        | DESCRIPTION | DRAWN        | CHECKED        | DATE        |
|----------------------------|-------------|--------------|----------------|-------------|
| I                          | ADDENDUM #2 | R.E.         | R.E.           | 10/05/22    |
|                            |             |              |                |             |
|                            |             |              |                |             |
|                            |             |              |                |             |
|                            |             |              |                |             |
|                            |             |              |                |             |
| <b>PHASE</b>               |             | <b>DRAWN</b> | <b>CHECKED</b> | <b>DATE</b> |
| SCHEMATIC DESIGN           |             |              |                | 11/05/21    |
| DESIGN DEVELOPMENT         |             | R.E.         | R.E.           | 12/17/21    |
| 60% DOCUMENTS              |             | R.E.         | R.E.           | 02/11/22    |
| 90% CONSTRUCTION DOCUMENTS |             | R.E.         | R.E.           | 03/31/22    |
| CONSTRUCTION DOCUMENTS     |             | R.E.         | R.E.           | 05/16/22    |
| BID SET                    |             | R.E.         | R.E.           | 07/01/22    |

**JRA**  
**ARCHITECTS**

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PANAMA CITY BEACH  
FIRE STATION #31 REPLACEMENT

SHEET TITLE:  
FLOOR PLAN - LIGHTING

SHEET NUMBER:

ち。|

MAIN DISTRIBUTION PANEL (FIRE STATION BUILDING)



SYSTEM

208/120V

3Ø

4W

RATING

800A

M.L.O.

22,000 AIC MINIMUM

ENCLOSURE

NEMA 1

SURFACE MOUNT

OPTIONS BOLT ON BREAKERS


MDP

| CKT #                                  | SERVING                | CKT BKR TRIP | POLE | CONNECTED LOAD (VA) | CKT BKR POLE | TRIP    | SERVING                          | CKT # |
|--|------------------------|--------------|------|---------------------|--------------|---------|----------------------------------|-------|
| 1                                      | PANEL-A                | 500          | **3  | 142158              | 83204        | 3** 300 | PANEL-M                          | 2     |
| 3                                      | ----                   | -            | -    | -                   | -            | -       | ----                             | 4     |
| 5                                      | ----                   | -            | -    | -                   | -            | -       | ----                             | 6     |
| 7                                      | SPARE                  | 125          | 3    | 0                   | 0            | 3 60    | SPARE                            | 8     |
| 9                                      | ----                   | -            | -    | -                   | -            | -       | ----                             | 10    |
| 11                                     | ----                   | -            | -    | -                   | -            | -       | ----                             | 12    |
| 13                                     | SPACE ONLY (60A FRAME) | -            | 3    | -                   | 0            | 3 30    | SURGE PROTECTIVE DEVICE (TYPE-2) | 14    |
| 15                                     | ----                   | -            | -    | -                   | -            | -       | ----                             | 16    |
| 17                                     | ----                   | -            | -    | -                   | -            | -       | ----                             | 18    |
| TOTAL CONNECTED LOAD =                 |                        | 225362 VA    |      | /                   | 360          | =       | 626.0 A                          |       |
| NOTES:                                 |                        |              |      |                     |              |         |                                  |       |
| * PROVIDE 'LSI' TRIP UNIT MAIN BREAKER |                        |              |      |                     |              |         |                                  |       |
| ** PROVIDE 'LSI' TRIP UNIT.            |                        |              |      |                     |              |         |                                  |       |

LTS/REC PANEL (FIRE STATION BUILDING)

| HCC   |  | SYSTEM 208/120V 3Ø 4W                          |      |                     |              |      |   |                                  |     |  |  |
|---|--|--|------|---------------------|--------------|------|---|----------------------------------|-----|--|--|
|   |  | RATING 300A M.L.O. 22,000 AIC MINIMUM          |      |                     |              |      |   |                                  |     |  |  |
|   |  | ENCLOSURE NEMA 1 SURFACE MOUNT                 |      |                     |              |      |   |                                  |     |  |  |
|   |  | OPTIONS BOLT ON BREAKERS; THREE EQUAL SECTIONS |      |                     |              |      |   |                                  |     |  |  |
| CKT #   | SERVING                                | CKT BKR TRIP                                   | POLE | CONNECTED LOAD (VA) | CKT BKR POLE | TRIP | SERVING                                       | CKT #                            |     |  |  |
| 1   | LITG - APPARATUS BAY - 100             | 20   | 1    | 1256                | 1256         | 1    | LTS - APPARATUS BAY - 100                     | 2                                |     |  |  |
| 3   | LTS - 108-109, 114, 144A, 133          | 20   | 1    | 759                 | 1255         | 1    | LTS - 100A-100C, 101-107, 110-113, 131, 134   | 4                                |     |  |  |
| 5   | REC - APPARATUS BAY - 100              | 20   | 1    | 900                 | 1260         | 1    | REC - APPARATUS BAY - 100                     | 6                                |     |  |  |
| 7   | REC - APPARATUS BAY - 100 - CORD REEL  | 20   | 1    | 360                 | 360          | 1    | REC - APPARATUS BAY - 100 - CORD REEL         | 8                                |     |  |  |
| 9   | REC - APPARATUS BAY - 100 - CORD REEL  | 20   | 1    | 360                 | 360          | 1    | REC - APPARATUS BAY - 100 - CORD REEL         | 10                               |     |  |  |
| 11  | REC - APPARATUS BAY - 100 - CORD REEL  | 20   | 1    | 360                 | 360          | 1    | REC - APPARATUS BAY - 100 - CORD REEL         | 12                               |     |  |  |
| 13  | REC - APPARATUS BAY - 100              | 20   | 1    | 1260                | 1080         | 1    | REC - APPARATUS BAY - 100                     | 14                               |     |  |  |
| 15  | REC - RECEIPT - 101                    | 20   | 1    | 1080                | 600          | 1    | REC - EWC                                     | 16                               |     |  |  |
| 17  | REC - ADMIN ASST - 103                 | 20   | 1    | 900                 | 1200         | 1    | REC - ADMIN ASST - 103 - COMPUTER             | 18                               |     |  |  |
| 19  | REC - STORAGE - 103A - COPIER          | 20   | 1    | 1200                | 960          | 1    | REC - STORAGE - 103A                          | 20                               |     |  |  |
| 21  | REC - ADMIN ASST - 106 - COMPUTER      | 20   | 1    | 600                 | 1400         | 1    | REC - TOILET - 104                            | 22                               |     |  |  |
| 23  | REC - ADMIN ASST - 106                 | 20   | 1    | 1080                | 1200         | 1    | REC - OFFICES - 107 & 110 - COMPUTER          | 24                               |     |  |  |
| 25  | REC - OFFICES - 107 & 110              | 20   | 1    | 1440                | 1200         | 1    | REC - OFFICES - 111 & 112 - COMPUTER          | 26                               |     |  |  |
| 27  | REC - OFFICE - 113                     | 20   | 1    | 1260                | 1440         | 1    | REC - OFFICES - 111 & 112                     | 28                               |     |  |  |
| 29  | REC - OFFICE - 113 - COMPUTER          | 20   | 1    | 600                 | 1260         | 1    | REC - TOOLS -100A                             | 30                               |     |  |  |
| 31  | REC - KITCHEN - 114 - ICE MAKER        | 20   | 1    | 600                 | 1260         | 1    | REC - KITCHEN - 114                           | 32                               |     |  |  |
| 33  | LITG - APPARATUS BAY - 100             | 20   | 1    | 1256                | 1000         | 1    | REC - KITCHEN - 114 - DISHWASHER              | 34                               |     |  |  |
| 35  | REC - KITCHEN - 114                    | 20   | 1    | 1260                | 1000         | 1    | REC - KITCHEN - 114 - DISPOSAL                | 36                               |     |  |  |
| 37  | REC - KITCHEN - 114                    | 20   | 1    | 1200                | 1200         | 1    | REC - KITCHEN - 114 - ICE MAKER               | 38                               |     |  |  |
| 39  | REC - ELEC 109 LIGHTING CONTROLS       | 20   | 1    | 1000                | 1200         | 1    | REC - KITCHEN - 114                           | 40                               |     |  |  |
| 41  | REC - KITCHEN - 114                    | 20   | 1    | 1200                | 1500         | 1    | REC - KITCHEN - 114 - MICROWAVE               | 42                               |     |  |  |
| 43  | REC - KITCHEN - 114 - REFRIG           | 20   | 1    | 1000                | 1000         | 1    | REC - KITCHEN - 114 - REFRIG                  | 44                               |     |  |  |
| 45  | REC - KITCHEN - 114 - REFRIG           | 20   | 1    | 1000                | 1080         | 1    | REC - LIVING / DINING - 114                   | 46                               |     |  |  |
| 47  | REC - LIVING / DINING                  | 20   | 1    | 900                 | 900          | 1    | REC - LIVING / DINING - 114                   | 48                               |     |  |  |
| 49  | REC - MECH - 132                       | 20   | 1    | 1260                | 720          | 1    | REC - RPT OFFICE - 117                        | 50                               |     |  |  |
| 51  | REC - RPT OFFICE - 117 - COPIER        | 20   | 1    | 1200                | 1200         | 1    | REC - RPT OFFICE - 117 - COMPUTER             | 52                               |     |  |  |
| 53  | REC - RPT OFFICE - 117 - CHARGER       | 20   | 1    | 720                 | 1400         | 1    | REC - BATH RM - 121                           | 54                               |     |  |  |
| 55  | REC - BATH RM - 123                    | 20   | 1    | 1400                | 1400         | 1    | REC - BATH RM - 125                           | 56                               |     |  |  |
| 57  | REC - LAUNDRY - 127                    | 20   | 1    | 1260                | 5000         | 2    | REC - LAUNDRY - 127 - DRYER                   | 58                               |     |  |  |
| 59  | REC - LAUNDRY - 127 - WASHER           | 20   | 1    | 1200                | -            | -    | ----  | 60                               |     |  |  |
| 61  | REC - TURNOUT - 129 - WASHER (#HE-65)  | 20   | 2    | 1831                | 13520        | 2    | REC - TURNOUT - 129 - DRYING CABINET (#TS-93) | 62                               |     |  |  |
| 63  | ----                                   | -  | -    | -                   | -            | -    | ----  | 64                               |     |  |  |
| 65  | REC - FILL STATION - 100B - COMPRESSOR | 80   | 3    | 22000               | 960          | 1    | REC - UNIFORM STORAGE - 131                   | 66                               |     |  |  |
| 67  | ----                                   | -  | -    | -                   | -            | -    | REC - CONFERENCE - 108                        | 68                               |     |  |  |
| 69  | ----                                   | -  | -    | -                   | -            | -    | REC - CONFERENCE - 108                        | 70                               |     |  |  |
| 71  | REC - IT - 108A - SERVER               | 30   | 2    | 2800                | 2800         | 2    | REC - IT - 108A - SERVER                      | 72                               |     |  |  |
| 73  | ----                                   | -  | -    | -                   | -            | -    | ----  | 74                               |     |  |  |
| 75  | REC - IT - 108A                        | 20   | 1    | 600                 | 600          | 1    | REC - IT - 108A                               | 76                               |     |  |  |
| 77  | REC - IT - 108A                        | 20   | 1    | 600                 | 600          | 1    | REC - IT - 108A                               | 78                               |     |  |  |
| 79  | REC - IT - 108A                        | 20   | 1    | 600                 | 600          | 1    | REC - IT - 108A                               | 80                               |     |  |  |
| 81  | FIRE ALARM CONTROL PANEL               | 20   | *1   | 600                 | 1080         | 1    | REC - GEAR STORAGE - 100C                     | 82                               |     |  |  |
| 83  | REC - SHOWER - 100D                    | 20   | 1    | 1400                | 1400         | 1    | REC - BATH RM - 128A                          | 84                               |     |  |  |
| 85  | REC - OFFICER - 128                    | 20   | 1    | 900                 | 900          | 1    | REC - OFFICER - 128                           | 86                               |     |  |  |
| 87  | REC - OFFICER - 128 - COMPUTER         | 20   | 1    | 600                 | 900          | 1    | REC - BUNK RM - 126                           | 88                               |     |  |  |
| 89  | REC - BUNK RM - 124                    | 20   | 1    | 900                 | 900          | 1    | REC - BUNK RM - 122                           | 90                               |     |  |  |
| 91  | REC - BUNK RM - 120                    | 20   | 1    | 900                 | 900          | 1    | REC - BUNK RM - 119                           | 92                               |     |  |  |
| 93  | REC - BUNK RM - 118                    | 20   | 1    | 900                 | 1260         | 1    | REC - ICE MACHINE - TOOLS 100A                | 94                               |     |  |  |
| 95  | LTS - EXTERIOR - WALL, FLAG, POLE      | 20   | 1    | 506                 | 50           | 1    | RESIDENTIAL SMOKE DETECTORS                   | 96                               |     |  |  |
| 97  | LTS - EXTERIOR SIGN AND LIGHT          | 20   | 1    | 1200                | 845          | 1    | LTS - TOWER INTERIOR                          | 98                               |     |  |  |
| 99  | LTS - 100D, 115-128A, 130,132,135,136  | 20   | 1    | 1264                | 960          | 1    | LTS - TOWER AND BAY COLOR CHANGING            | 100                              |     |  |  |
| 101   | LTS - LOWER ROOF COLOR CHANGING        | 20   | 1    | 960                 | 5000         | 2    | REC - LAUNDRY - 127 - DRYER                   | 102                              |     |  |  |
| 103   | REC - LAUNDRY - 127 - WASHER           | 20   | 1    | 1200                | -            | -    | ----  | 104                              |     |  |  |
| 105   | REC - MED SUPPLY - 130                 | 20   | 1    | 1200                | -            | -    | SPARE   | 106                              |     |  |  |
| 107   | SPARE                                  | 20   | 1    | -                   | -            | -    | SPARE   | 108                              |     |  |  |
| 109   | SPARE                                  | 20   | 1    | -                   | -            | -    | SPARE   | 110                              |     |  |  |
| 111   | SPARE                                  | 20   | 1    | -                   | -            | -    | SPARE   | 112                              |     |  |  |
| 113   | SPACE ONLY                             | -  | -    | -                   | -            | -    | SPACE ONLY                                    | 114                              |     |  |  |
| 115   | SPACE ONLY                             | -  | -    | -                   | 0            | 3    | 30  | SURGE PROTECTIVE DEVICE (TYPE-2) | 116 |  |  |
| 117   | SPACE ONLY                             | -  | -    | -                   | -            | -    | ----  | 118                              |     |  |  |
| 119   | SPACE ONLY                             | -  | -    | -                   | -            | -    | ----  | 120                              |     |  |  |
| TOTAL CONNECTED LOAD =  |  |  |      | 142158 VA           | /            | 360  | =   | 394.9 A                          |     |  |  |
| NOTES:  |  |  |      |                     |              |      |   |                                  |     |  |  |
| * PROVIDE BREAKER CAPABLE OF BEING LOCKED IN THE "ON" POSITION. |  |  |      |                     |              |      |   |                                  |     |  |  |

HVAC POWER PANEL (FIRE STATION BUILDING)

|   |  |                                       |      |                     |              |       |         |  |    |    |  |  |  |
|---|--|---------------------------------------|------|---------------------|--------------|-------|---------|--|----|----|--|--|--|
|  |  | SYSTEM 208/120V 3Ø 4W                 |      |                     |              |       |         |  |    |    |  |  |  |
|   |  | RATING 300A M.L.O. 22,000 AIC MINIMUM |      |                     |              |       |         |  |    |    |  |  |  |
|   |  | ENCLOSURE NEMA 1 SURFACE MOUNT        |      |                     |              |       |         |  |    |    |  |  |  |
|   |  | OPTIONS BOLT ON BREAKERS              |      |                     |              |       |         |  |    |    |  |  |  |
| M   |  |                                       |      |                     |              |       |         |  |    |    |  |  |  |
|   |  |                                       |      |                     |              |       |         |  |    |    |  |  |  |
| CKT #   | SERVING                                  | CKT BKR TRIP                          | POLE | CONNECTED LOAD (VA) | CKT BKR POLE | TRIP  | SERVING | CKT #                                    |    |    |  |  |  |
| 1   | FAN (CF-1) - APPARATUS BAY - 100         | 30                                    | 1    | 1920                | 1920         | 1     | 30      | FAN (CF-2) - APPARATUS BAY - 100         | 2  |    |  |  |  |
| 3   | FAN (CF-3) - APPARATUS BAY - 100         | 30                                    | 1    | 1920                | 214          | 1     | 20      | FAN (CF-4,5) - COVERED PATIO - 133       | 4  |    |  |  |  |
| 5   | ROLL-UP DOOR - APPARATUS BAY - 100       | 30                                    | 2    | 800                 | 800          | 2     | 30      | ROLL-UP DOOR - APPARATUS BAY - 100       | 6  |    |  |  |  |
| 7   | ----                                     | -                                     | -    | -                   | -            | -     | ----    | 8  | 7  |    |  |  |  |
| 9   | ROLL-UP DOOR (3/4HP) - APPARATUS BAY-100 | 20                                    | 2    | 800                 | 800          | 2     | 20      | ROLL-UP DOOR (3/4HP) - APPARATUS BAY-100 | 10 |    |  |  |  |
| 11  | ----                                     | -                                     | -    | -                   | -            | -     | ----    | 12                                       | 11 |    |  |  |  |
| 13  | ROLL-UP DOOR (3/4HP) - APPARATUS BAY-100 | 20                                    | 2    | 800                 | 800          | 2     | 20      | ROLL-UP DOOR (3/4HP) - APPARATUS BAY-100 | 14 |    |  |  |  |
| 15  | ----                                     | -                                     | -    | -                   | -            | -     | ----    | 16                                       | 15 |    |  |  |  |
| 17  | OAU-1                                    | 70                                    | 3    | 20125               | 2378         | 3     | 15      | OACU-1                                   | 18 |    |  |  |  |
| 19  | ----                                     | -                                     | -    | -                   | -            | -     | ----    | 20                                       | 19 |    |  |  |  |
| 21  | ----                                     | -                                     | -    | -                   | -            | -     | ----    | 22                                       | 21 |    |  |  |  |
| 23  | AHU-1                                    | 25                                    | 2    | 3462                | 3462         | 2     | 25      | AHU-2                                    | 24 |    |  |  |  |
| 25  | ----                                     | -                                     | -    | -                   | -            | -     | ----    | 26                                       | 25 |    |  |  |  |
| 27  | AHU-3                                    | 25                                    | 2    | 3462                | 3774         | 2     | 25      | AHU-4                                    | 28 |    |  |  |  |
| 29  | ----                                     | -                                     | -    | -                   | -            | -     | ----    | 30                                       | 29 |    |  |  |  |
| 31  | HP-1                                     | 20                                    | 2    | 2005                | 2823         | 2     | 25      | HP-2                                     | 32 |    |  |  |  |
| 33  | ----                                     | -                                     | -    | -                   | -            | -     | ----    | 34                                       | 33 |    |  |  |  |
| 35  | HP-3                                     | 25                                    | 2    | 2823                | 3066         | 2     | 30      | HP-4                                     | 36 |    |  |  |  |
| 37  | ----                                     | -                                     | -    | -                   | -            | -     | ----    | 38                                       | 37 |    |  |  |  |
| 39  | (EF-1) EXHAUST FAN, IRRH 1-4             | 20                                    | 1    | 1000                | 792          | 1     | 20      | (EF-2) EXHAUST FAN - APPARATUS BAY - 100 | 40 |    |  |  |  |
| 41  | (EF-3) EXHAUST FAN - APPARATUS BAY - 100 | 20                                    | 1    | 792                 | 1656         | 1     | 20      | (EF-4) EXHAUST FAN - KITCHEN/DINING 114  | 42 |    |  |  |  |
| 43  | (EF-5) EXH (SF-1) - CORRIDOR 135         | 20                                    | 1    | 1584                | 1664         | 2     | 15      | WM-1,1, MHP-1                            | 44 |    |  |  |  |
| 45  | DH-1, TP, CP-1,GWH-1JWH-1                | 20                                    | 1    | 270                 | -            | -     | -       | ----                                     | 46 | 45 |  |  |  |
| 47  | (SF-2) SUPPLY FAN - KITCHEN/DINING 114   | 20                                    | 1    | 1656                | 336          | 1     | 20      | (EF-7) EXHAUST FAN - APPARATUS BAY - 100 | 48 |    |  |  |  |
| 49  | HOSE DRYING HOIST MOTOR                  | 20                                    | 1    | 1200                | 2400         | 2     | 30      | GENERATOR BLOCK HEATER                   | 50 |    |  |  |  |
| 51  | HOSE DRYING HOIST MOTOR                  | 20                                    | 1    | 1200                | -            | -     | -       | ----                                     | 52 | 51 |  |  |  |
| 53  | HOSE DRYING HOIST MOTOR                  | 20                                    | 1    | 1200                | 500          | 1     | 20      | GENERATOR BATTERY CHARGER                | 54 |    |  |  |  |
| 55  | HOSE DRYING HOIST MOTOR                  | 20                                    | 1    | 1200                | 5200         | 2     | 40      | WM-2,1, MHP-2                            | 56 |    |  |  |  |
| 57  | HOSE DRYING HOIST MOTOR                  | 20                                    | 1    | 1200                | -            | -     | -       | ----                                     | 58 | 57 |  |  |  |
| 59  | HOSE DRYING HOIST MOTOR                  | 20                                    | 1    | 1200                | -            | 1     | 20      | SPARE                                    | 60 | 59 |  |  |  |
| 61  | SPARE                                    | 20                                    | 1    | -                   | -            | 1     | 20      | SPARE                                    | 62 | 61 |  |  |  |
| 63  | SPARE                                    | 20                                    | 1    | -                   | -            | 1     | 20      | SPARE                                    | 64 | 63 |  |  |  |
| 65  | SPARE                                    | 20                                    | 1    | -                   | -            | 1     | 20      | SPARE                                    | 66 | 65 |  |  |  |
| 67  | SPACE ONLY                               | -                                     | -    | -                   | -            | -     | -       | SPACE ONLY                               | 68 | 67 |  |  |  |
| 69  | SPACE ONLY                               | -                                     | -    | -                   | -            | -     | -       | SPACE ONLY                               | 70 | 69 |  |  |  |
| 71  | SPACE ONLY                               | -                                     | -    | -                   | -            | -     | -       | SPACE ONLY                               | 72 | 71 |  |  |  |
| 73  | SPACE ONLY                               | -                                     | -    | -                   | -            | -     | -       | SPACE ONLY                               | 74 | 73 |  |  |  |
| 75  | SPACE ONLY                               | -                                     | -    | -                   | -            | -     | -       | SPACE ONLY                               | 76 | 75 |  |  |  |
| 77  | SPACE ONLY                               | -                                     | -    | -                   | -            | -     | -       | SPACE ONLY                               | 78 | 77 |  |  |  |
| 79  | SPACE ONLY                               | -                                     | -    | -                   | 0            | 3     | 30      | SURGE PROTECTIVE DEVICE (TYPE-2)         | 80 | 79 |  |  |  |
| 81  | SPACE ONLY                               | -                                     | -    | -                   | -            | -     | -       | ----                                     | 82 | 81 |  |  |  |
| 83  | SPACE ONLY                               | -                                     | -    | -                   | -            | -     | -       | ----                                     | 84 | 83 |  |  |  |
| TOTAL CONNECTED LOAD =  |  |                                       |      | 83204 VA            |              | / 360 |         | = 231.1 A                                |    |    |  |  |  |
| NOTES:  |  |                                       |      |                     |              |       |         |  |    |    |  |  |  |
| *   |  |                                       |      |                     |              |       |         |  |    |    |  |  |  |