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Addendum No. 3

Smyrna Readiness Center – Packaged Air Terminal Conditioning (PTAC) Units

Delaware Army Reserve National Guard (DEARNG)

Smyrna, Delaware

DEARNG Contract No.: 15-2016

OMB/DFM Contract No.: MC7601000088

Tt Project No.: 200-76984-16009

Addendum No. 3 to Drawings and Project Manual

September 18, 2017

.....

To: ALL BIDDERS

This ADDENDUM forms a part of the BIDDING AND CONTRACT DOCUMENTS and modifies the following documents:

Original DRAWINGS dated September 6, 2017

PROJECT MANUAL dated September 6, 2017 and

Acknowledge receipt of the ADDENDUM in the space provided on the FORM OF PROPOSAL

This ADDENDUM consists of three (3) pages and the attachments:

3.1 CHANGES TO PROJECT MANUAL

- A. Spec Section 00 43 13; DEARNG Bid Bond Form
 - 1. **REPLACE** "Original Bid Bond Form" with "Revised Bid Bond Form" attached to this addendum, indicating the correct year.

3.2 CHANGES TO DRAWINGS

- A. Sheet M-501
 - 1. Dedicated VRF Outside Air Unit Schedule
 - a. **CHANGE** the Electrical Characteristics for DOAS-1 and DOAS-2 from "208-1-60" to read "208-3-60."
- B. Sheet E-401
 - 1. **EDIT** Branch Circuit # "MLP3-23-25" Feeding CVRF-2j-2h (See Room #176) to read as "MLP1-23-25."

- 2. **EDIT** Brand Circuit # "MLP3-23-25" Feeding CVRF-1v & CVRF -1w" (See Rooms #186 & #187) to read as "MLP1-23-25."
- 3. **EDIT** Labels for Disconnect Switches serving Equipment Namely CU-1a, CU-1b, CU-2, OACU-1 and OACU-2 respectively as follows:
 - a. **CHANGE** CU-1a to read as "30/3" with New Work Note 4.
 - b. **CHANGE** CU-1b to read as "60/3" with New Work Note 4.
 - c. **CHANGE** CU-2 to read as "60/3" with New Work Note 4.
 - d. **CHANGE** OACU-1 to read as "60/3" with New Work Note 4.
 - e. **CHANGE** OACU-2 to read as "60/3" with New Work Note 4.
- 4. **ADD** the following sentence to the end of Work Note #4 in its entirety.

"Stack Disconnect Switches as required with Front clearance per NEC."

- 5. **EDIT** Power Circuit for "DOAS-2" to read as "LDP-7" instead of "MLP2-25, 27" shown on Plan.
- 6. **EDIT** Label of Disconnect Switch to read as "200/3/240."
- 7. **EDIT** Label of Disconnect Switch for "DOAS-1" to read as "200/3/240."

C. Sheet E-402

- 1. **EDIT** Branch Circuit # "MLP3-11-13" to read as "MLP2-23-25" serving CVRF-1m,-1k, CVRF-2m,-2k" (see Rooms #143, 144 & 146.)
- 2. **ADD** the following sentence to the end of Work Note #4 in its entirety.

"Stack Disconnect Switches as required with Front clearance per NEC."

D. Sheet E-602

- 1. **ADD** the following New Panelboard Schedules in their entirety, attached to this addendum:
 - a. Schedule of Existing Panel "MHP3."
 - b. Revised Schedule of Existing Panel "MHP3."
 - c. Schedule of Existing Panel "LDP."
 - d. Revised Schedule of Existing Panel "LDP."
- 2. **REPLACE** the following Panelboard Schedule shown on Drawings in their entirety with the ones attached to this addendum:
 - a. Revised Schedule of Existing Panel "MLP1."
 - b. Revised Schedule of Existing Panel "MLP3."

3.3 <u>CLARIFICATIONS/REQUEST FOR INFORMATION (RFI'S)</u>

A. Joseph T. Richardson, Inc. September 18, 2017 phone call.

Question #1: The pipe sizes on Sheet M-601 are not completely legible.

Response: The VRF System Pipe Trees were all enlargements of pdf's from the factory. Attached are

the actual pdf's from the factory which are more legible.

END OF ADDENDUM 03

Attachments:

00 43 13 DEARNG Bid Bond Form LATS VRF System Pipe Trees Schedule of Existing Panel "MHP3" Revised Schedule of Existing Panel "MHP3" Revised Schedule of Existing Panel "MLP1" Revised Schedule of Existing Panel "MLP3"

STATE OF DELAWARE DELAWARE ARMY NATIONAL GUARD

BID BOND

TO ACCOMPANY PROPOSAL

(Not necessary if security is used)

| | of | in the County of as Principal , and in the County of ly authorized to do business in the State | |
|--|--|--|--|
| and State of | · | as Principal , and | |
| | of | in the County of | |
| and State of | as Surety, lega | ly authorized to do business in the State | of Delaware |
| ("State"), are held and firmly un | to the State in the | sum ofpercent not to exceed | |
| Dollars | (\$ |), or percent not to exceed | |
| f fill DEADNO | MANNA D.C. F | Dollars (\$ | |
| paid to the State for the use and | benefit of <u>Delaw</u> and each of our | TAC REPLACEMENT - CONTRACT NO.: are National Guard for which payment well a eirs, executors, administrators, and successorents. | nd truly to b |
| who has submitted to the <u>Dela</u> furnishing of certain material at Principal shall well and truly e Contract and approved by the <u>D</u> | ware National G nd/or services wi nter into and exe relaware National of the award there | IGATION IS SUCH That if the above bond ard a certain proposal to enter into this continuit the State , shall be awarded this Contract oute this Contract as may be required by the Guard this Contract to be entered into within of in accordance with the terms of said propositil force and virtue. | ntract for the et, and if said terms of thin twenty day |
| Sealed with seal and thousand and seventeen (2017). | l dated this | day of in the year of | our Lord tw |
| SEALED, AND DELIVERED I Presence | | | |
| | _ | Name of Bidder (Organization |) |
| Corporate | Ву: _ | | |
| Seal | | Authorized Signature | |
| Attest | _ | | |
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| | - | Name of Surety | |
| Witness: | Ву: | | |
| | _ | Title | |

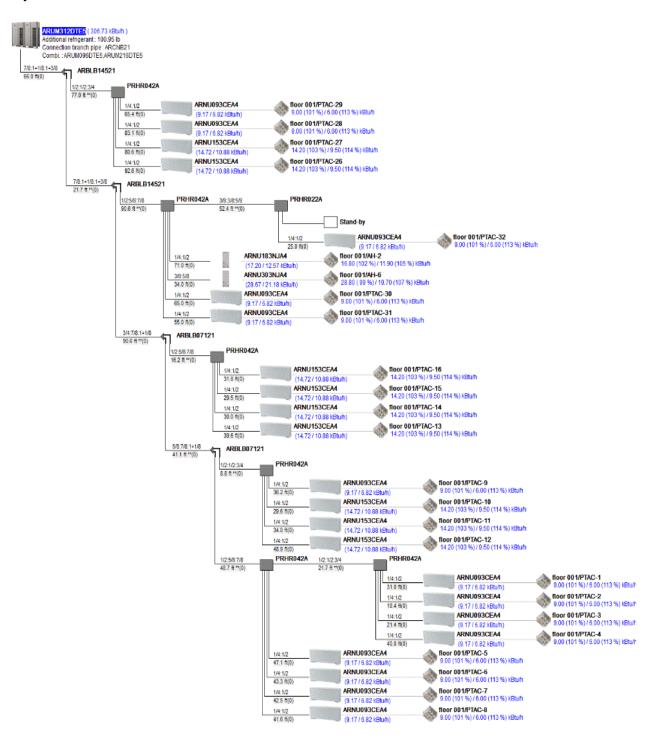
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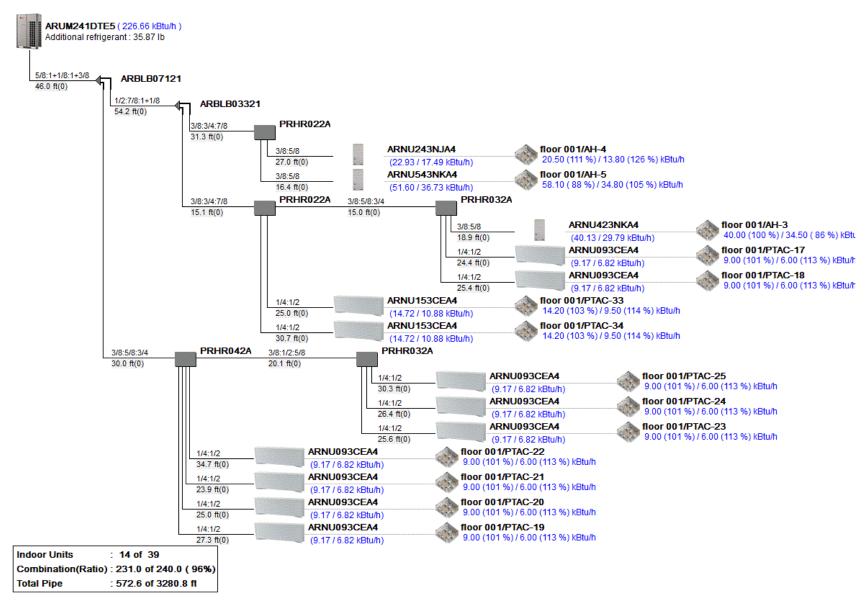
Project Name: Delaware Army National Guard 7-21-17

System No:1/2



Indoor Units : 25 of 52 Combination(Ratio) : 309.0 of 312.0 (99%) Total Pipe : 2140.5 of 3280.8 ft

Project Name :Delaware Army National Guard 7-21-17 System No :2/2



| MLO WIRING C-QTY#AWG,G#AWG EXISTING TO REMAIN A EXISTING TO REMAIN EXISTING TO REMAIN | KVA 1.5 1.5 1.2 1.2 1.3 | SQI | JARE D, PHASES B 3.0 | TYPE H | SWBD) | CKT# | DESCRIPTION RF-2 | MOUNTED; BREAKER FRAME P 100A 3P | KAIC: TRIP 15A | LOCATION: TRAINING AID STORE#109 14 WIRING C-QTY#AWG,G#AWG EXISTING TO REMAIN | | |
|--|---|---|---|---|---|---|--|--|---|--|----------|--------------|
| WIRING TRIP C-QTY#AWG,G#AWG TABLE CAN CONTROL CONTRO | 1.5 1.5 1.5 1.2 1.2 1.2 1.3 | A 3.0 | B 3.0 | С | KVA 1.5 1.5 | 2 4 | | FRAME P | TRIP | WIRING C-QTY#AWG,G#AWG | | |
| TRIP C-QTY#AWG,G#AWG 5A EXISTING TO REMAIN 5A EXISTING TO REMAIN 5A EXISTING TO REMAIN | 1.5 1.5 1.5 1.2 1.2 1.2 1.3 | 3.0 | 3.0 | С | 1.5 1.5 | 2 4 | | FRAME P | TRIP | C-QTY#AWG,G#AWG | | |
| EXISTING TO REMAIN EXISTING TO REMAIN EXISTING TO REMAIN EXISTING TO REMAIN | 1.5 1.5 1.5 1.2 1.2 1.2 1.3 | 3.0 | 3.0 | | 1.5 1.5 | 4 | | | | | | |
| 5A EXISTING TO REMAIN 5A EXISTING TO REMAIN | 1.5 1.5 1.2 1.2 1.2 1.3 | | | 3.0 | 1.5 | 4 | RF-2 | 100A 3P | 15A | EXISTING TO REMAIN | <u> </u> | |
| 5A EXISTING TO REMAIN | 1.5 1.2 1.2 1.2 1.3 | 2.7 | | 3.0 | | 4 6 | | | | | | |
| 5A EXISTING TO REMAIN | 1.2 1.2 1.2 1.3 | 2.7 | 2.7 | 3.0 | 1.5 | 16 | 1 | | | | | |
| 5A EXISTING TO REMAIN | 1.2 1.2 1.3 | 2.1 | 27 | | 1.5 | | AH-6 | 3P | 15A | EXISTING TO REMAIN | | |
| | 1.2 | | 2./ | | 1.5 | 10 | 7,110 | 31 | 13A | EXISTING TO REMAIN | | |
| | \dashv | 11 1 | | 2.7 | 1.5 | 12 | | | | | | |
| | م اا | 2.8 | | | 1.5 | 14 | AH-9 | 3P | 15A | EXISTING TO REMAIN | | Description: |
| | 1.3 | | 2.8 | | 1.5 | 16 | | | | | | escr |
| EA VV | 1.3 | 24 | | 2.8 | 1.5 | 18 | CC-3 | 20 | 25.4 | EVICTING TO DEMAIN | | Ď |
| 5A XX | 0.0 | 3.4 | 3.4 | | 3.4 3.4 | 20 22 | | 3P | 35A | EXISTING TO REMAIN | | |
| | 0.0 | | | 3.4 | 3.4 | 24 | | | | | | اق |
| DA EXISTING TO REMAIN | 1.5 | 1.5 | | | 0.0 | 26 | | 3P | 15A | xx | | Date: |
| | 1.5 | | 1.5 | | 0.0 | 28 | NOTE 2. | | | | | ev.: |
| | 1.5 | | | 1.5 | 0.0 | | ODADE OFF DEMO WORK | | | | | Re R |
| DA XX | 0.0 | 0.0 | | | 0.0 | 32 | NOTE 2. | 1P | 20A | xx | | |
| DA XX | 0.0 | | 0.0 | | 0.0 | 34 | SPARE. SEE DEMO. WORK NOTE 2. | 1P | 20A | xx | | |
| DA XX | 0.0 | | | 0.0 | 0.0 | 36 | SPARE. SEE DEMO. WORK | 1P | 20A | xx | エ | |
| DA XX | 0.0 | 0.0 | | | 0.0 | 38 | SPARE | 1P | 20A | XX | | |
| | 0.0 | | 0.0 | | 0.0 | 40 | SPARE | 1P | | XX | | |
| DA XX | 0.0 | <u> </u> | | 0.0 | 0.0 | 42 | | 1P | 20A | XX | 5 | |
| | 16.5 | | | | |)/ 0DI | | | _ | | | |
| KVA | | | CURR | ENIAI | 2///48 | JV, 3PH | ASE, 4 WIRES= | 60.6 | А | | | |
| | 0A XX 0A XX 0A XX 0A XX 0A XX | 0A EXISTING TO REMAIN 1.5 1.5 1.5 0A XX 0.0 0A XX 0.0 | 0A EXISTING TO REMAIN 1.5 1.5 1.5 1.5 1.5 0A XX 0.0 0.0 0A XX 0.0 0.0 | 0A EXISTING TO REMAIN 1.5 1.5 1.5 1.5 1.5 0A XX 0.0 0.0 0A XX 0.0 0.0 | 0A EXISTING TO REMAIN 1.5 1.5 1.5 1.5 1.5 1.5 1.5 0A XX 0.0 0.0 0.0 0A XX 0.0 0.0 0.0 | 0A EXISTING TO REMAIN 1.5 1.5 0.0 1.5 1.5 1.5 0.0 0A XX 0.0 0.0 0.0 | 0A EXISTING TO REMAIN 1.5 1.5 0.0 26 1.5 1.5 1.5 0.0 28 0A XX 0.0 0.0 1.5 0.0 30 0A XX 0.0 0.0 0.0 32 0A XX 0.0 0.0 0.0 36 0A XX 0.0 0.0 0.0 38 0A XX 0.0 0.0 0.0 40 0A XX 0.0 0.0 0.0 42 0A XX 0.0 0.0 0.0 42 | OA EXISTING TO REMAIN 1.5 1.5 1.5 0.0 26 SPARE. SEE DEMO. WORK NOTE 2. OA XX 0.0 0.0 1.5 0.0 30 SPARE. SEE DEMO. WORK NOTE 2. OA XX 0.0 0.0 0.0 34 SPARE. SEE DEMO. WORK NOTE 2. OA XX 0.0 0.0 0.0 36 SPARE. SEE DEMO. WORK NOTE 2. OA XX 0.0 0.0 0.0 36 SPARE. SEE DEMO. WORK NOTE 2. OA XX 0.0 0.0 0.0 38 SPARE OA XX 0.0 0.0 0.0 40 SPARE OA XX 0.0 0.0 0.0 42 SPARE OA XX 0.0 0.0 0.0 42 SPARE | OA EXISTING TO REMAIN 1.5 1.5 0.0 26 SPARE. SEE DEMO. WORK NOTE 2. 3P OA XX 0.0 0.0 1.5 0.0 30 30 1.5 | 0A EXISTING TO REMAIN 1.5 1.5 0.0 26 SPARE. SEE DEMO. WORK NOTE 2. 3P 15A 0A XX 0.0 0.0 1.5 0.0 30 30 1D 2DA 1D 1D 2DA 1D 1D 2DA 1D | DA | DA |

| 1 | 2 | <u> </u> | 3 | | | 4 | | | <u> </u> | 5 ј | | 6 | | <u> </u> | # 200-26912-16009 s: 9/18/17 | n By: KG/RLH | ing No.: |
|--|------------|------------------------|---|---------|----------|---------|--------|---------|----------|--|--------|--------|-------|-------------------------------------|---------------------------------|--------------|----------|
| REVISED SCHEDULE OF EX. PANEL | MHP3 225A, | 277/480V, FED IN ME | 3PHASE, 4WIRES (FED FROM 2 CH.RM.#171. POWER TO THIS (| 25A,3P, | 600V SIE | EMENS E | ENCLOS | SED CB, | | SURFACE | MOUNTE | D; | | LOCATION: TRAINING AID STORE#109 | Proj # | Drawn | Drawing |
| | MAIN: | | MLO | | | UARE D, | | | | | | | KAIC: | | | | |
| | BREAKE | ER | WIRING | | | PHASES | | | CKT# | | | BREAKE | | WIRING | | | |
| CKT# DESCRIPTION | FRAME P | TRIP | C-QTY#AWG,G#AWG | KVA | l A | В | С | KVA | | DESCRIPTION | FRAME | P | TRIP | C-QTY#AWG,G#AWG | | | |
| 1 RF-1 | 100A 3P | 15A | EXISTING TO REMAIN | 1.5 | 3.0 | | | 1.5 | 2 | RF-2 | 100A | 3P | 15A | EXISTING TO REMAIN | | | |
| 3 | | | | 1.5 | | 3.0 | | 1.5 | 4 | | | | | | | | |
| 5 | | | | 1.5 | | | 3.0 | 1.5 | 6 | | | | | | | | |
| 7 AH-2 | 3P | 15A | EXISTING TO REMAIN | 1.2 | 2.7 | | | 1.5 | 8 | AH-6 | | 3P | 15A | EXISTING TO REMAIN | | | |
| 9 | | | | 1.2 | | 2.7 | | 1.5 | 10 | | | | | | | | |
| 11 | | | | 1.2 | | | 2.7 | 1.5 | 12 | | | | | | | | |
| 13 AH-8 | 3P | 15A | EXISTING TO REMAIN | 1.3 | 2.8 | | | 1.5 | 14 | AH-9 | | 3P | 15A | EXISTING TO REMAIN | | | |
| 15 | | | | 1.3 | | 2.8 | | 1.5 | 16 | | | | | | | | |
| 17 | | | | 1.3 | | | 2.8 | 1.5 | 18 | | | | | | | <u> i</u> | |
| 19 SPARE | 3P | 15A | XX | 0.0 | 3.4 | | | 3.4 | 20 | CC-3 | | 3P | 35A | EXISTING TO REMAIN | | Description: | |
| 21 | | | | 0.0 | | 3.4 | | 3.4 | 22 | | | | | | | esc | |
| 23 | | | | 0.0 | | | 3.4 | 3.4 | 24 | | | | | | | ۵ | |
| 25 CC-2 | 3P | 50A | XX | 1.5 | 12.9 | | | 11.4 | 26 | CU-2 (480V,3PH.,41.1MCA,50A-MOCP). | | 3P | 50A | PROVIDE 1"C-(3#6, 1#10G) | | | |
| 27 | | | | 1.5 | | 12.9 | | 11.4 | 28 | SEE NEW WOPK NOTE 3 | | | | | | | í |
| 29 | | | | 1.5 | | | 12.9 | 11.4 | 30 | | | | | | | Date: | |
| 31 CU-1a (480V,3PH.,16.4 MCA,25A-MOCP). SEE NEW WORK | 3P | 25A | PROVIDE 3/4"C-(3#8,1#10G). | 4.5 | 15.2 | | | 10.6 | | CU-1b (480V,3PH.,38.3 MCA,50A-MOCP). SEE NEW WORK | | 3P | 50A | PROVIDE 1"C-(3#6,1#8G). | | | |
| NOTEs 3 & 4. | | | | 4.5 | | 15.2 | | 10.6 | 34 | NOTEs 3 & 4. | | | | | | % | |
| 35 | | | | 4.5 | | | 15.2 | 10.6 | 36 | | | | | | | & | |
| 37 SPARE | 1P | 20A | XX | 0.0 | 0.0 | | | 0.0 | | SPARE | | 1P | 20A | XX | | | |
| 39 SPARE | 1P | 20A | XX | 0.0 | - | 0.0 | | 0.0 | | SPARE | | 1P | 20A | XX | | | 1 |
| 41 SPARE | 1P | 20A | XX | 0.0 | | | 0.0 | 0.0 | 42 | SPARE | 1 | 1P | 20A | XX | | | |
| SUB-TOTAL= FOTAL WITH SPARE OF | 25% 1 | 150.0 | KVA | 30.2 | <u> </u> | | PLUS | 89.8 | 400\/ 0 | TOTAL= PHASE, 4 WIRES= | 120.0 | 180.4 | | | lT | | |
| | | | | | | | | | | | | | | | TETRA TECH | 2 | |

E/SK-0.03 Proj # 200-26912-16009 Drawn By: KG/RLH Date: 9/18/17 Drawing No.: EXISTING SCHEDULE OF EX. LDP 1200A, 120/208V, 3HASE, 4WIRES SURFACE MOUNTED; LOCATION: ELEC. RM. #174 SWITCHBOARD MAIN: 1000A мсв SIEMENS (3B3 REV A, S.O.17-51163-H00010) **KAIC**: 30 DESCRIPTION BREAKER WIRING **PHASES** DESCRIPTION **BREAKER** WIRING CKT# CKT# FRAME Р TRIP C-QTY#AWG,G#AWG KVA В С KVA FRAME Р TRIP C-QTY#AWG,G#AWG Α SPACE 100A 3P XX 0.0 0.0 0.0 SPACE 100A 3P XX XX 0.0 0.0 1 0.0 2 0.0 0.0 0.0 EXISTING TO REMAIN PANEL MP IN MOTORPOOL EXISTING TO REMAIN TVSS 3P 30A 0.7 9.1 8.4 3P 100A 0.7 8.4 9.1 4 0.7 8.4 9.1 SPEC RECPT. 3P 50A EXISTING TO REMAIN 3.6 7.2 3.6 SPEC. RECPT. 3P 50A EXISTING TO REMAIN 3.6 5 7.2 3.6 6 3.6 3.6 7.2 Description SPARE 3P 100A XX 0.0 SPARE 3P 100A XX 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 SPARE 3P 30A XX 0.0 8.4 8.4 LP-3A 3P 100A EXISTING TO REMAIN REPLACEMENT 0.0 8.4 8.4 9 10 Date: 0.0 8.4 8.4 LP-1 250A 3P 100A EXISTING TO REMAIN LP-4 100A EXISTING TO REMAIN 9.6 18.1 8.4 3P 9.6 8.4 11 18.1 12 Rev.: 9.6 18.1 8.4 UNKNOWN EXISTING TO REMAIN MLP-1 3P 225A EXISTING TO REMAIN 11.5 29.6 18.1 250A 3P 225A 13 11.5 29.6 18.1 14 11.5 29.6 18.1 DEARNG SMYRNA HVAC PTAC MLP-2 3P 225A EXISTING TO REMAIN 22.9 16.5 MLP-3 3P 225A EXISTING TO REMAIN 39.3 **TETRA TECH** 22.9 39.3 16.5 16 22.9 39.3 16.5 SCHEDULE 1000A EXISTING TO REMAIN 111.7 111.7 MAIN 1200A 3P 111.7 111.7 15 111.7 111.7 145.0 TOTAL= 335.2 SUB-TOTAL= 190.2 **TOTAL WITH SPARE OF** 335.2 KVA CURRENT AT 120/208V, 3PHASE, 4 WIRES= 928.6 A ELECTRICAL

| A | | 1 | | 2 | |] 3 | | 1 | | 4 | | | 5 | | | 6 | , 7 | Proj # 200-26912-16009 Date: 9/18/17 | Drawn By: KG/RLH | Drawing No.: E/SK-0.04 |
|---|--------|--|-------|--|-----------|---------------------|-----------------|----------|----------|----------|-----------------------|---------|---|----------|---------|-------|--------------------------|---|------------------|--|
| | | ED EX. SCHEDULE OF EX. CHBOARD | LDP | 1200A, 1 | 120/208V, | 3HASE, 4WIRES | | | | | | | SURFACE | MOUNTE | ΞD; | | LOCATION: ELEC. RM. #174 | Proj Date | ۵ | Dra M |
| | 01111 | | MAIN: | 100 | 00A | мсв | SIEME | NS (3B3 | REV A | , S.O.17 | -51163-H | 100010) | | | | KAIC: | 30 | | | |
| | | DESCRIPTION | | BREAKER | | WIRING | | | PHASES | 3 | | | DESCRIPTION | | BREAKER | | WIRING | | | |
| 7 | CKT# | | FRAME | Р | TRIP | C-QTY#AWG,G#AWG | KVA | A | В | С | KVA | CKT# | | FRAME | Р | TRIP | C-QTY#AWG,G#AWG | | | |
| | | SPACE | 100A | 3P | XX | XX | 0.0 | 0.0 | | | 0.0 | | SPACE | 100A | 3P | XX | xx | | | |
| | 1 | | | | | | 0.0 | | 0.0 | | 0.0 | 2 | | | | | | | | |
| | | | | | | | 0.0 | | | 0.0 | 0.0 | | | | | | | | | |
| m | | TVSS | | 3P | 30A | EXISTING TO REMAIN | 0.7 | 9.1 | | | 8.4 | | PANEL MP IN MOTORPOOL | | 3P | 100A | EXISTING TO REMAIN | | | |
| | 3 | | | | | | 0.7 | | 9.1 | | 8.4 | 4 | | | | | | | | |
| | | | | | | | 0.7 | | | 9.1 | 8.4 | | | | | | | | | |
| | | SPEC. RECPT. | | 3P | 50A | EXISTING TO REMAIN | 3.6 | 7.8 | | | 4.2 | | SPEC. RECPT. | | 3P | 50A | EXISTING TO REMAIN | | | |
| | 5 | | | | | | 3.6 | | 7.8 | | 4.2 | 6 | | | | | | | | |
| 4 | | | | <u> </u> | | | 3.6 | | | 7.8 | 4.2 | | | | | | | | | |
| | | DOAS-1 (208V,3PH,,96MCA, 100A-MOCP). PROVIDE 200A,3,240V DISCONN. SWITH IN NEMA 3R ENCLO. | ı | 3P | 100A | 2"C-(3#1/0, 1#6G) | 11.6 | 23.1 | | | 11.6 | | DOAS-1 (208V,3PH.,96MCA, 100A-MOCP). PROVIDE 200A,3,240V DISCONN. SWITH IN NEMA 3R ENCLO. | | 3P | 100A | 2"C-(3#1/0, 1#6G) | | Description: | |
| | 7 | | | | | | 11.6 | | 23.1 | | 11.6 | 8 | | | | | | | Scri | |
| ပ | | | | | | | 11.6 | | | 23.1 | 11.6 | | | | | | | | Ö | |
| Ĭ | | SPARE | | 3P | 30A | XX | 0.0 | 8.4 | | | 8.4 | | LP-3A | | 3P | 100A | EXISTING TO REMAIN | | | |
| | 9 | | | | | | 0.0 | | 8.4 | | 8.4 | 10 | | | | | | | | |
| | | | | | | | 0.0 | | | 8.4 | 8.4 | | | | | | | | <u> ie</u> | # |
| | | LP-1 | 250A | 3P | 100A | EXISTING TO REMAIN | 9.6 | 18.1 | | | 8.4 | | LP-4 | | 3P | 100A | EXISTING TO REMAIN | | Date: | |
| | 11 | | | | | | 9.6 | | 18.1 | | 8.4 | 12 | | | | | | | <u> </u> | PLACEMENT |
| | | | | | | | 9.6 | | | 18.1 | 8.4 | | | | | | | | Rev.: | |
| | | MLP-1 | | 3P | 225A | EXISTING TO REMAIN | - | 29.6 | | | 18.1 | | UNKNOWN | 250A | 3P | 225A | EXISTING TO REMAIN | | œ | <u>e.</u> |
| | 13 | | | | | | 11.5 | | 29.6 | | 18.1 | 14 | | | | | | | | A 日 日 |
| | | Lu B 0 | | | 0054 | ENGELLO TO DELLA IN | 11.5 | <u> </u> | | 29.6 | - | | 14.50 | | | 2054 | | | | |
| | | MLP-2 | | 3P | 225A | EXISTING TO REMAIN | 22.9 | 45.7 | | | 22.9 | | MLP-3 | | 3P | 225A | EXISTING TO REMAIN | - | | PTAC |
| | | | | 1 | | | 22.9 | - | 45.7 | <u> </u> | 22.9 | 16 | | | | | | | | |
| | | | | - | | | 22.9 | | | 45.7 | 22.9 | | I A A A I A I | 40004 | 0.0 | 40004 | EVICTING TO DEMAIN | | | |
| | 4.5 | | | | | | - | 141.8 | 1110 | | 141.8 | | MAIN | 1200A | 3P | 1000A | EXISTING TO REMAIN | ļ | | HVAC |
| | 15 | | | - | | | - | - | 141.8 | l—— | 141.8 | | | | | | | | | 그위물 |
| 4 | SUB-TO | <u> </u> | | | <u> </u> | | 179.7 | | | ! | 141.8 245.8 | | TOTAL= | 425.5 | | | | 4 | | |
| | | WITH SPARE OF | | 1 42 | .5.5 | KVA |] <u> 179.7</u> | | <u> </u> | <u> </u> | \vdash | 0/2087/ | 3PHASE, 4 WIRES= | 425.5 | 1,178.7 | Δ. | | | | 호 능 |
| | LIGIAL | WITH SPAILE OF | | 42 | | IVAN | <u> </u> | | | JONNEN | | 5/200V, | U. I.POL, T WILLOT | <u> </u> | 1,110.1 | | | = | | R S |
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