PANELBOARD SCHEDULE

PANEL 590A11A-63BB (EXISTING) BLDG. 432 LOCATION RM. 1201 N. WALL
MFR. IEM PANEL TYPE PIE BREAKER TYPE THED VOLTS 480 AMPS 400
SUPPLY DISCONNECT CKT. 590A11A-63B MAIN LOCATION RM. 1201 N. WALL SUBSTATION 590
BREAKER KAIC (MIN.) 25K

| WIRE SIZE | BREAKER | CKT. NO. A | CKT. NO. B | CKT. NO. C | BREAKER | WIRE SIZE | DESCRIPTION |
|---|---|---|---|---|---|---|---|
| | | | | | | | (OLD 590A11-25BB) |
| 12 | | | | | | 12 | |
| 12 | 20 THED | 3 | 4 | | 20 THED | 12 | 432ACU06-A1 RM. 2200 |
| 12 | | | | | | 12 | |
| 4 | | | | | | 12 | |
| 4 | 90 THED | 9 | 10 | | 20 THED | 12 | 432ACU05-A1 RM. 2200 |
| 4 | | | | | | 12 | |
| 12 | | | | | | 12 | |
| 12 | 20 THED | 15 | 16 | | 20 THED | 12 | 432PHW02-A RM. 2205 |
| 12 | | | | | | 12 | |
| 4 | | | | | | 12 | |
| 4 | 60 THED | 21 | 22 | | 20 THED | 12 | 432PCHW02-1 OUTSIDE S. RM. 1204 (1) |
| 4 | | | | | | 12 | |
| SPACE | | 27 | 28 | | 20 THED | | SPARE (3) |
| | | | | | | 2/0 | (VERT.) |
| | | | | | 175 | 2/0 | 432RCHS01-1 OUTSIDE S. RM. 1204 (7) |
| | | | | | | 2/0 | |

FEEDS 590A11A-63BA & 590A11A-63BB

BUS ENTRY T | FDR. BREAKER 400 | DATE INST. 1995 | LAST PM DATE: 2015
CONNECTED LOAD: PHASE "A" kW | PHASE "B" kW | PHASE "C" kW
ARC FLASH CATEGORY: 2
FEEDER SIZE: WIRE 3 - #500MCM THW | NEUT. NONE | GND. 1 - #1 B.C. | CONDUIT 3" C.
REVISION SUBMITTED BY: NFPA70E | J.O.W.T. 35983;PW;ES;5200.53 | CAD REV. BY ML | CAD REV. DATE 6/4/15

PANELBOARD SCHEDULE

PANEL 1224A (EXISTING) BLDG. 432 LOCATION RM. 1400 N. WALL
MFR. G.E. PANEL TYPE NAB BREAKER TYPE TED VOLTS 208/120 AMPS 225
SUPPLY DISCONNECT CKT. 828A13A-5 MAIN LOCATION RM. 1400 N. WALL SUBSTATION 590
BREAKER KAIC (MIN.) 18K

| WIRE SIZE | BREAKER | CKT. NO. A | CKT. NO. B | CKT. NO. C | BREAKER | WIRE SIZE | DESCRIPTION |
|---|---|---|---|---|---|---|---|
| 12 | 20 | 1 | 2 | | 20 | 12 | RECEPTS. RMS. 1400, 1403, 1408 |
| 12 | 20 | 3 | 4 | | 20 | 12 | RECEPT. RM. 1310 |
| 12 | 20 | 5 | 6 | | 20 | 12 | FLOOR RECEPT. RM. 2007 RECEPT. RMS. 1400, 1403, 1408 |
| 12 | 20 | 7 | 8 | | 20 | 12 | RECEPT. - 1403, 1408; 432FDC02; RMS. 1300, RM. 1310 432HDHW02 |
| 12 | 20 | 9 | 10 | | 20 | 12 | RECEPT. RM. 1300 N. WALL |
| 12 | 20 | 11 | 12 | | 20 | 12 | RECEPT. RM. 1400 W. WALL |
| 12 | 20 | 13 | 14 | | 20 | 12 | 432DRU02 RM. 1300 E. WALL |
| 12 | 20 | 15 | 16 | | 20 | 12 | 432DRU03 RM. 1300 S. WALL |
| 12 | 20 | 17 | 18 | | 40 | 8 | RECEPT. RM. 1300 HIGH BAY S.W. WALL |
| 12 | 20 | 19 | | | 6 | | RECEPT. RM. 1400 W. WALL |
| 12 | 20 | 21 | 22 | | 50 TED | 6 | RECEPT. RM. 1400 E. WALL |
| 12 | 20 | 23 | | | 6 | | TIME CLOCK RM. 1400 N. WALL |
| 12 | 20 | 25 | | | 6 | | CONTROLS FOR OUTSIDE AIR COMPRESSOR |
| | 20 | 27 | 28 | | 50 TED | 6 | (4) SPARE (4) SPARE |
| 2 | | 29 | | | 8 | | |
| 2 | 100 TED | 33 | 34 | | 50 TED | 8 | PNL. 1224A33 RM. 2400 N. WALL |

CKT. CAPPED OFF RM. 1410 (MENS RM.)
RECEPT. TELE. RM. 1400 W. WALL
RECEPT. RM. 1400 N. WALL
RECEPT. HIGH BAY E. WALL
RECEPT. RM. 1300 S. WALL
RECEPT. RM. 1412 (WOMENS RM.)
OUTSIDE E. RM. 1404 (6)
SPARE SAFE ENDED 4-SQ. BOX RM. 1404 N.E. CRNR.
POLYMETRICS DISC.
M.O. BOX RM. 1401
M.O. BOX RM. 1400 S. PILLAR
M.O. BOX RM. 1300 S.W. WALL

BUS ENTRY B | FDR. BREAKER 125 | DATE INST. 1986 | LAST PM DATE: 2015
ARC FLASH CATEGORY: 4
FEEDER SIZE: WIRE 3 - #4/0 THHN | NEUT. 1 - #4/0 THHN | GND. 1 - #6 THHN | CONDUIT 2.5" C.
REVISION SUBMITTED BY: OUTAGE-E. EPPERLEY | J.O.W.T. PW00801720 | CAD REV. BY LSF | CAD REV. DATE 3/22/18

PANELBOARD SCHEDULE

PANEL 590A11A-63BB (TEMPORARY) BLDG. 432 LOCATION RM. 1201 N. WALL
MFR. IEM PANEL TYPE PIE BREAKER TYPE THED VOLTS 480 AMPS 400
SUPPLY DISCONNECT CKT. 590A11A-63B MAIN LOCATION RM. 1201 N. WALL SUBSTATION 590
BREAKER KAIC (MIN.) 25K

| WIRE SIZE | BREAKER | CKT. NO. A | CKT. NO. B | CKT. NO. C | BREAKER | WIRE SIZE | DESCRIPTION |
|---|---|---|---|---|---|---|---|
| | | | | | | | (OLD 590A11-25BB) |
| 12 | | | | | | 12 | |
| 12 | 20 THED | 3 | 4 | | 20 THED | 12 | 432ACU06-A1 RM. 2200 |
| 12 | | | | | | 12 | |
| 4 | | | | | | 12 | |
| 4 | 90 THED | 9 | 10 | | 20 THED | 12 | 432ACU05-A1 RM. 2200 |
| 4 | | | | | | 12 | |
| 12 | | | | | | 12 | |
| 12 | 20 THED | 15 | 16 | | 20 THED | 12 | 432PHW02-A RM. 2205 |
| 12 | | | | | | 12 | |
| 4 | | | | | | 12 | |
| 4 | 60 THED | 21 | 22 | | 30 THED | 10 | 432PCHW02-1 OUTSIDE S. RM. 1204 |
| 4 | | | | | | 10 | |
| SPACE | | 27 | 28 | | 30 THED | 10 | 432PCHW01-1 OUTSIDE S. RM. 1204 |
| | | | | | | 10 | |
| | | | | | | 250 | (VERT.) |
| | | | | | 200 | 250 | (T)432RCHSR01 OUTSIDE S. RM. 1204 (8) |
| | | | | | | 250 | |

FEEDS 590A11A-63BA & 590A11A-63BB

BUS ENTRY T | FDR. BREAKER 400 | DATE INST. 1995 | LAST PM DATE: 2015
CONNECTED LOAD: PHASE "A" kW | PHASE "B" kW | PHASE "C" kW
ARC FLASH CATEGORY: 2
FEEDER SIZE: WIRE 3 - #500MCM THW | NEUT. NONE | GND. 1 - #1 B.C. | CONDUIT 3" C.
REVISION SUBMITTED BY: NFPA70E | J.O.W.T. 35983;PW;ES;5200.53 | CAD REV. BY ML | CAD REV. DATE 6/4/15

PANELBOARD SCHEDULE

PANEL 590A11A-63BB (MODIFIED) BLDG. 432 LOCATION RM. 1201 N. WALL
MFR. IEM PANEL TYPE PIE BREAKER TYPE THED VOLTS 480 AMPS 400
SUPPLY DISCONNECT CKT. 590A11A-63B MAIN LOCATION RM. 1201 N. WALL SUBSTATION 590
BREAKER KAIC (MIN.) 25K

| WIRE SIZE | BREAKER | CKT. NO. A | CKT. NO. B | CKT. NO. C | BREAKER | WIRE SIZE | DESCRIPTION |
|---|---|---|---|---|---|---|---|
| | | | | | | | (OLD 590A11-25BB) |
| 12 | | | | | | 12 | |
| 12 | 20 THED | 3 | 4 | | 20 THED | 12 | 432ACU06-A1 RM. 2200 |
| 12 | | | | | | 12 | |
| 4 | | | | | | 12 | |
| 4 | 90 THED | 9 | 10 | | 20 THED | 12 | 432ACU05-A1 RM. 2200 |
| 4 | | | | | | 12 | |
| 12 | | | | | | 12 | |
| 12 | 20 THED | 15 | 16 | | 20 THED | 12 | 432PHW02-A RM. 2205 |
| 12 | | | | | | 12 | |
| 4 | | | | | | 10 | |
| 4 | 60 THED | 21 | 22 | | 30 THED | 10 | 432PCHW02-1 OUTSIDE S. RM. 1204 (2) |
| 4 | | | | | | 10 | |
| SPACE | | 27 | 28 | | 30 THED | 10 | 432PCHW01-1 OUTSIDE S. RM. 1204 |
| | | | | | | 10 | |
| | | | | | | 2/0 | (VERT.) |
| | | | | | 150 | 2/0 | 432RCHS01-1 OUTSIDE S. RM. 1204 (9) |
| | | | | | | 2/0 | |

FEEDS 590A11A-63BA & 590A11A-63BB

BUS ENTRY T | FDR. BREAKER 400 | DATE INST. 1995 | LAST PM DATE: 2015
CONNECTED LOAD: PHASE "A" kW | PHASE "B" kW | PHASE "C" kW
ARC FLASH CATEGORY: 2
FEEDER SIZE: WIRE 3 - #500MCM THW | NEUT. NONE | GND. 1 - #1 B.C. | CONDUIT 3" C.
REVISION SUBMITTED BY: NFPA70E | J.O.W.T. 35983;PW;ES;5200.53 | CAD REV. BY ML | CAD REV. DATE 6/4/15

PANELBOARD SCHEDULE

PANEL 1224A (MODIFIED) BLDG. 432 LOCATION RM. 1400 N. WALL
MFR. G.E. PANEL TYPE NAB BREAKER TYPE TED VOLTS 208/120 AMPS 225
SUPPLY DISCONNECT CKT. 828A13A-5 MAIN LOCATION RM. 1400 N. WALL SUBSTATION 590
BREAKER KAIC (MIN.) 18K

| WIRE SIZE | BREAKER | CKT. NO. A | CKT. NO. B | CKT. NO. C | BREAKER | WIRE SIZE | DESCRIPTION |
|---|---|---|---|---|---|---|---|
| 12 | 20 | 1 | 2 | | 20 | 12 | RECEPTS. RMS. 1400, 1403, 1408 |
| 12 | 20 | 3 | 4 | | 20 | 12 | RECEPT. RM. 1310 |
| 12 | 20 | 5 | 6 | | 20 | 12 | FLOOR RECEPT. RM. 2007 RECEPT. RMS. 1400, 1403, 1408 |
| 12 | 20 | 7 | 8 | | 20 | 12 | RECEPT. - 1403, 1408; 432FDC02; RMS. 1300, RM. 1310 432HDHW02 |
| 12 | 20 | 9 | 10 | | 20 | 12 | RECEPT. RM. 1300 N. WALL |
| 12 | 20 | 11 | 12 | | 20 | 12 | RECEPT. RM. 1400 W. WALL |
| 12 | 20 | 13 | 14 | | 20 | 12 | 432DRU02 RM. 1300 E. WALL |
| 12 | 20 | 15 | 16 | | 20 | 12 | 432DRU03 RM. 1300 S. WALL |
| 12 | 20 | 17 | 18 | | 40 | 8 | RECEPT. RM. 1300 HIGH BAY S.W. WALL |
| 12 | 20 | 19 | | | 6 | | RECEPT. RM. 1400 W. WALL |
| 12 | 20 | 21 | 22 | | 50 TED | 6 | RECEPT. RM. 1400 E. WALL |
| 12 | 20 | 23 | | | 6 | | TIME CLOCK RM. 1400 N. WALL |
| 12 | 20 | 25 | | | 6 | | CONTROLS FOR OUTSIDE AIR COMPRESSOR |
| 10 | 20 | 27 | 28 | | 50 TED | 6 | RECEPT. BUILDING EXTERIOR |
| 12 | 20 | 29 | | | 6 | | 120/24V CONTROLS TRANSFORMER |
| 2 | | | | | 8 | | |
| 2 | 100 TED | 33 | 34 | | 50 TED | 8 | PNL. 1224A33 RM. 2400 N. WALL |

CKT. CAPPED OFF RM. 1410 (MENS RM.)
RECEPT. TELE. RM. 1400 W. WALL
RECEPT. RM. 1400 N. WALL
RECEPT. HIGH BAY E. WALL
RECEPT. RM. 1300 S. WALL
RECEPT. RM. 1412 (WOMENS RM.)
120/24V CONTROLS TRANSFORMER (5)
SPARE SAFE ENDED 4-SQ. BOX RM. 1404 N.E. CRNR.
POLYMETRICS DISC.
M.O. BOX RM. 1401
M.O. BOX RM. 1400 S. PILLAR
M.O. BOX RM. 1300 S.W. WALL

BUS ENTRY B | FDR. BREAKER 125 | DATE INST. 1986 | LAST PM DATE: 2015
ARC FLASH CATEGORY: 4
FEEDER SIZE: WIRE 3 - #4/0 THHN | NEUT. 1 - #4/0 THHN | GND. 1 - #6 THHN | CONDUIT 2.5" C.
REVISION SUBMITTED BY: OUTAGE-E. EPPERLEY | J.O.W.T. PW00801720 | CAD REV. BY LSF | CAD REV. DATE 3/22/18

## GENERAL NOTES

1. FOR GENERAL NOTES, SYMBOLS, AND ABBREVIATIONS, REFER TO SHEET E-001.
2. UNLESS OTHERWISE NOTED, LIGHT LINEWEIGHT INDICATES EXISTING EQUIPMENT TO REMAIN AND HEAVY LINEWEIGHT INDICATES EQUIPMENT TO BE MODIFIED.
3. SUBCONTRACTORS MUST FIELD VERIFY LOCATION OF EXISTING EQUIPMENT AND EQUIPMENT TO BE INSTALLED.
4. SUBCONTRACTOR MUST FIELD VERIFY CIRCUITS INDICATED AND LOADS SERVED BY THEM.
5. SUBCONTRACTOR MUST UPDATE MODIFIED PANELBOARD SCHEDULES.
6. PANEL SCHEDULES FOR AFFECTED PANELS ARE SHOWN. COORDINATE EQUIPMENT SHUTDOWN WITH CONSTRUCTION MANAGER / SUBCONTRACT TECHNICAL REPRESENTATIVE DURING CONSTRUCTION.
7. CONDUCTOR SPLICES ARE NOT ALLOWED WITHOUT LEAD ELECTRICAL ENGINEER APPROVAL

## KEYED NOTES

1. EXISTING LOAD TO BE DISCONNECTED AND REPURPOSED FOR NEW LOAD. EXISTING CONDUCTORS MUST BE EXTENDED TO NEW EQUIPMENT LOCATION.
2. DISCONNECT AND REMOVE EXISTING CIRCUIT BREAKER IN EXISTING PANEL. REPLACE WITH NEW 3P-480V-30A CIRCUIT BREAKER IN EXISTING PANEL TO SERVE NEW LOAD.
3. UTILIZE EXISTING SPARE 3P-480V-20A CIRCUIT BREAKER IN EXISTING PANEL TO SERVE NEW LOAD.
4. UTILIZE EXISTING SPARE 1P-120V-20A CIRCUIT BREAKER IN EXISTING PANEL TO SERVE NEW LOAD.
5. UTILIZE EXISTING BREAKER TO SERVE NEW LOAD.
6. EXISTING LOAD TO BE DISCONNECTED AND REMOVED BACK TO SOURCE.
7. DISCONNECT AND REMOVE EXISTING CIRCUIT BREAKER IN EXISTING PANEL.
8. CIRCUIT MUST FEED TEMPORARY CHILLER DURING CONSTRUCTION. INSTALL NEW 3P-480V-200A CIRCUIT BREAKER TO POWER TEMPORARY LOAD. TEMPORARY CIRCUIT BREAKER CHARACTERISTICS MUST MATCH EXISTING.
9. UPON REMOVAL OF THE TEMPORARY CHILLER DISCONNECT AND REMOVE TEMPORARY 3P-480V-200A CIRCUIT BREAKER. REPLACE WITH NEW 3P-480V-150A CIRCUIT BREAKER TO POWER NEW PERMANENT CHILLER LOAD. NEW CIRCUIT BREAKER CHARACTERISTICS MUST MATCH EXISTING.

Sheet Title
ELECTRICAL PANEL SCHEDULES

Dwg. No.
PLE2021-0432-0015D

Sht. No.
E-802