

[illegible][illegible]

432

PANELBOARD SCHEDULE

PANEL

828A13A-7 (EXISTING)

BLDG.

432

LOCATION

RM. 1400 N. WALL

MFR.

G.E.

PANEL TYPE

NHB

BREAKER TYPE

TED

VOLTS

480

AMPS

225

SUPPLY DISCONNECT CKT.

828A13A-7

LOCATION

RM. 1400 N. WALL

SUBSTATION

590

BREAKER KAC (MIN.)

14K

DATE

MARKED/CLIP BY:

ACC. NO.:

DATE

7/27/2018

(OLD 590A11B7)

DESCRIPTION

WIRE SIZE

BREAKER

CKT. NO.

CKT. NO.

BREAKER

WIRE SIZE

DESCRIPTION

SPARE CKT. TO J-BOX

RM. 1404 W. WALL

12

20

3

4

8

40

8

432ACS10

OUTSIDE NORTH WALL - E.

RECEPT. RM. 1300 E. WALL

FORKLIFT CHARGER

10

30

9

10

30

10

10

480V. POWER FOR CRANE

RM. 1400 DISCONNECT W. WALL

FORKLIFT BATTERY CHARGER

RM. 1300 E. WALL

12

20

15

16

50

12

8

SPARE

432ACHPS03

OUTSIDE N. RM. 1404

8

40

21

22

20

12

8

432FHE06

OUTSIDE E. RM. 1404

30A. RECEPT.

RM. 1300 E. WALL

10

30

27

28

50

6

10

WELDING OUTLET

RM. 1300 BELOW STAIRS N. WALL

NO BUS

NO BUS

ARC FLASH CATEGORY

2

FEEDER SIZE

WIRE 3 - #4/0 THHN

NEUT. NONE

GND 1 - #4 THHN

CONDUIT 2" C.

REVISION SUBMITTED BY:

NFPA70E

J.O./W.T. 35583/PW.ESS.5200.53

CAD REV BY ML

CAD REV DATE 6/4/14

BUS ENTRY

T

FOR BREAKER

200

DATE INST.

2015

LAST PM DATE

2015

CONNECTED LOAD

PHASE "A" KW

PHASE "B" KW

PHASE "C" KW

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432

PANELBOARD SCHEDULE

PANEL

549A (EXISTING)

BLDG.

432

LOCATION

RM. 1204 N. WALL

MFR

G.E.

PANEL TYPE

CCB

BREAKER TYPE

TE, TEB, TED, TKF

VOLTS

208/120

AMPS

400

SUPPLY DISCONNECT OKT.

520A11A-63A-38-9 MAIN

LOCATION

RM. 1204 N. WALL

SUBSTATION

590

BREAKER KALC (MIN.)

18K

DATE

MARKED/UP BY

ACC. NO.

| DESCRIPTION                                  | WIRE SIZE | BREAKER | CKT. NO. | CKT. NO. | WIRE SIZE | DESCRIPTION  |
|--|-----------|---------|----------|----------|-----------|--|
|  |           |         | A        | B        | C         |  |
| GFI RECEPT. O/S S. EQUIP. PAD FOR 432DAR02-P | 12        | 20      | 1        | 2        | 12        | 432HEC01 O/S S. @432RCHS01-1 PAD; WALL RECEPTS. RM. 1204 |
| SPARE  | 50        | TEB     | 3        | 4        | 12        | 432DAR02-P O.S. SOUTH                                    |
| 2 SPACE                                      |           |         | 6        |          | 12        | 432DRU04 RM 1201 S. WALL                                 |
| 2 SPACE                                      |           |         | 7        | 8        | 12        | SPACE  |
| 2 SPACE                                      |           |         | 9        | 10       | 12        | MOISTURE DETECTOR S. SIDE RM. 1201                       |
| SPACE  |           |         | 11       | 12       |           | SPACE  |
| JPG LASER RM. 1204                           | 12        | 20      | 15       | 16       | 20        | RECEPTS. WEST WALL RM. 1204                              |
| SPARE  | 12        | TED     |          |          | 20        | RECEPTS. W. AND N. WALL RM. 1204                         |
| SPARE  |           |         |          |          | 20        | RECEPTS. NORTH WALL RM. 1204                             |
| SPARE  | 40        | TED     | 21       | 22       | 50        | SPARE  |
| SPARE  | 125       | TFK     | 27       | 28       | 225       | SPARE  |
| SPARE  | 80        | TED     | 33       | 34       | 40        | SPARE  |
| SPACE  |           |         | 37       | 38       | 12        | GFI RECEPT. O.S. PAD FOR AIR DRYER                       |
| SPACE  |           |         | 39       | 40       |           | SPACE  |
| SPACE  |           |         | 41       | 42       |           | SPACE  |
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| PANEL  |                                    | BLDG.                                 |                         | LOCATION                |                   |  |  |
|--|------------------------------------|---------------------------------------|-------------------------|-------------------------|-------------------|--|--|
| <b>599A (MODIFIED)</b>                               |                                    | <b>432</b>                            |                         | <b>RM. 1204 N. WALL</b> |                   |  |  |
| MFR <b>G.E.</b>                                      | PANEL TYPE <b>_CCB_</b>            | BREAKER TYPE <b>TE, TEB, TED, TKF</b> |                         | VOLTS <b>208/120</b>    | AMPS <b>_400_</b> |  |  |
| SUPPLY DISCONNECT CKT. <b>_590A11A-63A-38.9 MAN_</b> | LOCATION <b>_RM. 1204 N. WALL_</b> |                                       | SUBSTATION <b>_590_</b> |                         |                   |  |  |
| BREAKER KAJC (MIN.) <b>_18K_</b>                     |                                    |                                       |                         |                         |                   |  |  |

  

| DESCRIPTION                                  | WIRE SIZE | BREAKER   | CKT NO. |    |   | WIRE SIZE | BREAKER | WIRE SIZE | DESCRIPTION  |
|--|-----------|-----------|---------|----|---|-----------|---------|-----------|--|
|  |           |           | A       | B  | C |           |         |           |  |
| GFI RECEPT, O/S S. EQUIP. PAD FOR 432DAR02-P | 12        | 20        | 1       | 2  |   | 12        |         |           | 432HEC01 O/S S. @432RCHS01-1 PAD; WALL RECEPTS. RM. 1204 |
| SPARE  |           | 50        | 3       | 4  |   | 12        |         |           | 432DAR02-P O.S. SOUTH                                    |
|  |           | TEB       |         | 6  |   | 12        |         |           | 432DRU04 RM 1201 S. WALL                                 |
| <b>RECEPTS. S. BUILDING EXTERIOR</b>         | <b>10</b> | <b>20</b> | 7       | 8  |   |           |         |           | SPACE  |
| <b>120V24V CONTROLS TRANSFORMER</b>          | <b>12</b> | <b>20</b> | 9       | 10 |   | 12        |         |           | MOISTURE DETECTOR S. SIDE RM. 1201                       |
| <b>120V24V CONTROLS TRANSFORMER</b>          | <b>12</b> | <b>20</b> | 11      | 12 |   |           |         |           | SPACE  |
|  | 12        |           | 15      |    |   | 12        |         |           | RECEPTS. WEST WALL RM. 1204                              |
| JPG LASER RM. 1204                           | 12        | 20        | 16      |    |   | 12        |         |           | RECEPTS. W. AND N. WALL RM. 1204                         |
|  | 12        | TED       |         |    |   | 12        |         |           | RECEPTS. NORTH WALL RM. 1204                             |
| SPARE  |           | 40        | 21      | 22 |   |           |         | 50        | SPACE  |
|  |           | TED       |         |    |   |           |         | TEB       |  |
| SPARE  |           |           | 27      | 28 |   |           |         | 225       | SPACE  |
|  |           |           |         |    |   |           |         | TFK       |  |
| SPARE  |           |           | 33      | 34 |   |           |         | 40        | SPACE  |
|  |           | 80        |         |    |   |           |         | TED       |  |
| SPACE  |           |           | 37      | 38 |   | 12        |         |           | GFI RECEPT _O.S. PAD FOR AIR DRYER                       |
| SPACE  |           |           | 39      | 40 |   |           |         |           | SPACE  |
| SPACE  |           |           | 41      | 42 |   |           |         |           | SPACE  |
|  |           |           |         |    |   |           |         |           |  |
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|                             |                           |                    |                              |                        |
|-----------------------------|---------------------------|--------------------|------------------------------|------------------------|
| BUS ENTRY <b>_T_</b>        | CONNECTED LOAD            | ARC FLASH CATEGORY | FEEDER SIZE                  | REVISION SUBMITTED BY: |
| FDR BREAKER <b>_150_</b>    | PHASE "A" <b>_____ kW</b> | <b>4</b>           | WIRE <b>3 - #500MCM THW</b>  | OUTAGE: G. ABAD        |
| DATE INST. <b>_1970_</b>    | PHASE "B" <b>_____ kW</b> |                    | NEUT. <b>1 - #500MCM THW</b> | J.O.M.T. PW00756477    |
| LAST PM DATE: <b>_2014_</b> | PHASE "C" <b>_____ kW</b> |                    | GND. <b>1 - #2/0 B.C.</b>    | CAD REV BY LSF         |
|                             |                           |                    | CONDUIT <b>4" C.</b>         | CAD REV DATE 5/3/17    |

## 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 REMOVED BACK TO SOURCE.
2. UTILIZE EXISTING SPACE IN EXISTING PANEL TO SERVE NEW LOAD.
3. DISCONNECT AND REMOVE EXISTING CIRCUIT BREAKER IN EXISTING PANEL. REPLACE WITH NEW 3P-480V-30A CIRCUIT BREAKER IN EXISTING PANEL TO SERVE NEW LOAD.

Sheet Title

## ELECTRICAL PANEL SCHEDULES

Dwg. No.

PLE2021-0432-0016D

Sht. No.

E-803