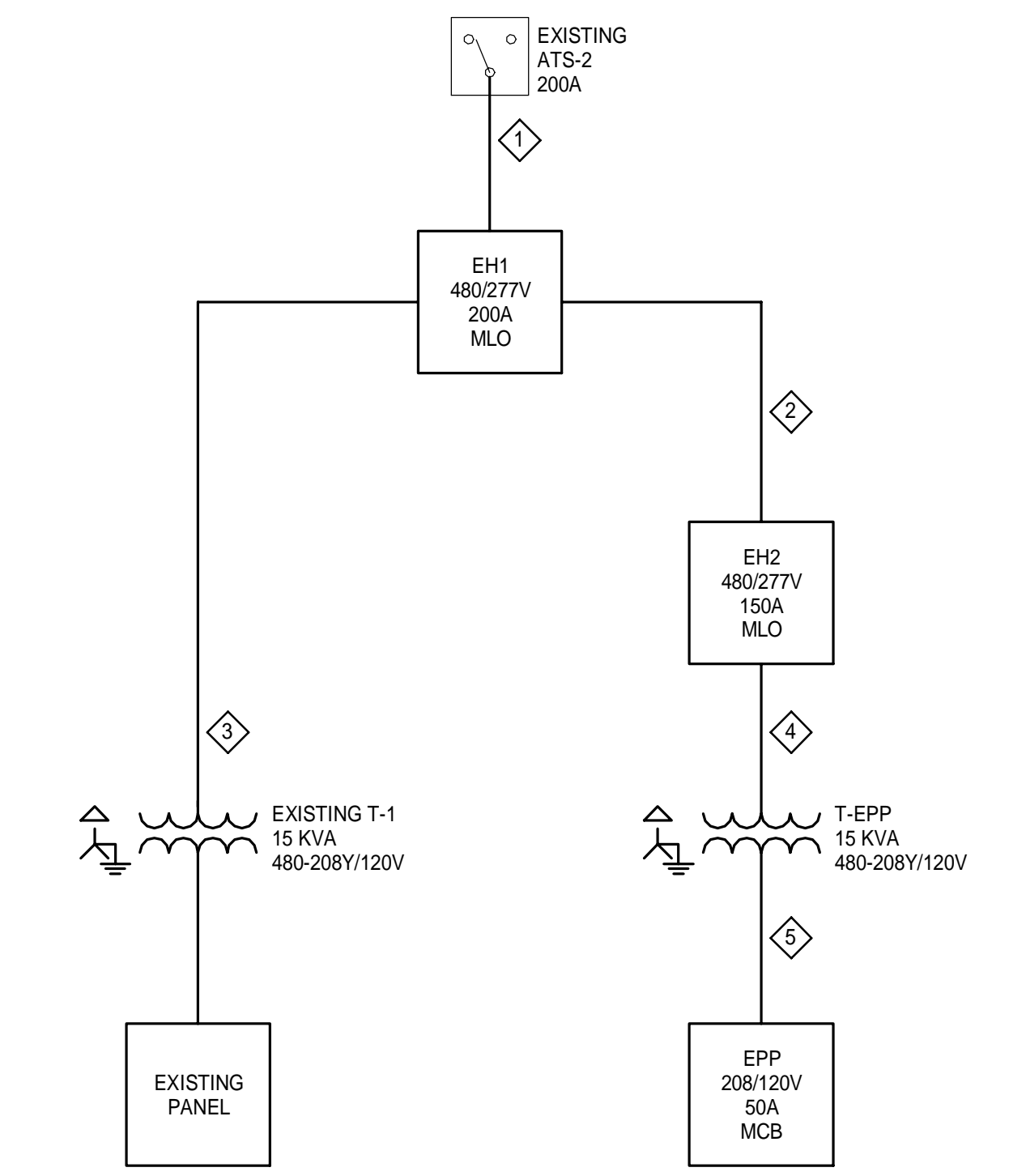


| DIRECTORY | KVA LOAD | | | CKT NO. | BKR AMPS | A | B | C | BKR AMPS | CKT NO. | KVA LOAD | | | DIRECTORY |
|---------------------------|------------|---------|--------|--------------|-----------|---|---|---|----------|-----------|-----------|---|---|-----------------------------|
| | A | B | C | | | | | | | | A | B | C | |
| PANELBOARD EH2 | * | * | * | 1 | 150 | | | | 70 | 2 | * | * | * | EXISTING 45 KVA TRANSFORMER |
| SPACE | * | * | * | 3 | | | | | | 4 | * | * | * | |
| SPACE | * | * | * | 5 | | | | | | 6 | * | * | * | |
| SPACE | * | * | * | 7 | | | | | | 8 | * | * | * | SPACE |
| SPACE | * | * | * | 9 | | | | | | 10 | * | * | * | SPACE |
| SPACE | * | * | * | 11 | | | | | | 12 | * | * | * | SPACE |
| SPACE | * | * | * | 13 | | | | | | 14 | * | * | * | SPACE |
| SPACE | * | * | * | 15 | | | | | | 16 | * | * | * | SPACE |
| SPACE | * | * | * | 17 | | | | | | 18 | * | * | * | SPACE |
| SPACE | * | * | * | 19 | | | | | | 20 | * | * | * | SPACE |
| SPACE | * | * | * | 21 | | | | | | 22 | * | * | * | SPACE |
| SPACE | * | * | * | 23 | | | | | | 24 | * | * | * | SPACE |
| SUB-TOTAL | * | * | * | | | | | | | | * | * | * | SUB-TOTAL |
| NEUTRAL BUS GROUND BUS | | | | | | | | | | | | | | |
| VOLTAGE: | 480/277V | 3 PHASE | 4 WIRE | 225 AMP BUS | TOTAL KVA | A | * | | | PANEL NO. | EH1 | | | |
| MAIN LUGS ONLY | | | | 200 AMP LUGS | TOTAL KVA | B | * | | | LOCATION | PENTHOUSE | | | |
| MOUNTING: | SURFACE | | | | TOTAL KVA | C | * | | | | | | | |
| SC RATING: | 42,000 AIC | | | | TOTAL KVA | | * | | | | | | | |
| NOTES: | | | | | | | | | | | | | | |

| DIRECTORY | KVA LOAD | | | CKT NO. | BKR AMPS | A | B | C | BKR AMPS | CKT NO. | KVA LOAD | | | DIRECTORY |
|---------------------------|--|---------|--------|--------------|-----------|---|---|---|----------|-----------|---------------|---|---|-----------------------|
| | A | B | C | | | | | | | | A | B | C | |
| (1) ELEVATOR #1 | * | * | * | 1 | 80 | | | | 20 | 2 | * | * | * | LTG ELECTRICAL RM |
| | * | * | * | 3 | | | | | | 4 | * | * | * | LTG ELEVATOR HOISTWAY |
| | * | * | * | 5 | | | | | | 6 | * | * | * | SPARE |
| | * | * | * | 7 | | | | | | 8 | * | * | * | |
| ESCLATOR #1 | * | * | * | 9 | 50 | | | | 25 | 10 | * | * | * | PANELBOARD EPP |
| | * | * | * | 11 | | | | | | 12 | * | * | * | |
| | * | * | * | 13 | | | | | | 14 | * | * | * | |
| SPARE | * | * | * | 15 | 20 | | | | 80 | 16 | * | * | * | ELEVATOR #2 (1) |
| SPACE | * | * | * | 17 | | | | | | 18 | * | * | * | |
| SPACE | * | * | * | 19 | | | | | | 20 | 2.0 | * | * | |
| SPACE | * | * | * | 21 | | | | | | 22 | 2.0 | * | * | PANELBOARD EPP |
| SPACE | * | * | * | 23 | | | | | | 24 | * | * | * | |
| SPACE | * | * | * | 25 | | | | | | 26 | 0.9 | * | * | |
| SPACE | * | * | * | 27 | | | | | 15 | 28 | 0.9 | * | * | ELEVATOR PIT SUMP |
| SPACE | * | * | * | 29 | | | | | | 30 | 0.9 | * | * | |
| SUB-TOTAL | * | * | * | | | | | | | | * | * | * | SUB-TOTAL |
| NEUTRAL BUS GROUND BUS | | | | | | | | | | | | | | |
| VOLTAGE: | 480/277V | 3 PHASE | 4 WIRE | 200 AMP BUS | TOTAL KVA | A | * | | | PANEL NO. | EH2 | | | |
| MAIN LUGS ONLY | | | | 150 AMP LUGS | TOTAL KVA | B | * | | | LOCATION | ELECTRICAL RM | | | |
| MOUNTING: | SURFACE | | | | TOTAL KVA | C | * | | | | | | | |
| SC RATING: | 25,000 AIC | | | | TOTAL KVA | | * | | | | | | | |
| NOTES: | (1) PROVIDE WITH A SHUNT TRIP CIRCUIT BREAKER. | | | | | | | | | | | | | |

| DIRECTORY | KVA LOAD | | | CKT NO. | BKR AMPS | A | B | C | BKR AMPS | CKT NO. | KVA LOAD | | | DIRECTORY |
|---------------------------|------------|---------|--------|-------------|-----------|---|---|---|----------|-----------|---------------|---|---|-----------|
| | A | B | C | | | | | | | | A | B | C | |
| ELEVATOR CAB LTG | 0.2 | * | * | 1 | 20 | | | | 20 | 2 | * | * | * | SPARE |
| ELEVATOR PIT RECEPPTS | | 0.4 | * | 3 | 20 | | | | 20 | 4 | * | * | * | SPARE |
| ELECTRICAL RM RECEPPTS | | | 0.4 | 5 | 20 | | | | 20 | 6 | * | * | * | SPARE |
| SPARE | * | * | * | 7 | 20 | | | | 20 | 8 | * | * | * | SPARE |
| SPARE | * | * | * | 9 | 20 | | | | 20 | 10 | * | * | * | SPARE |
| SPARE | * | * | * | 11 | 20 | | | | 20 | 12 | * | * | * | SPARE |
| SPACE | * | * | * | 13 | | | | | | 14 | * | * | * | SPACE |
| SPACE | * | * | * | 15 | | | | | | 16 | * | * | * | SPACE |
| SPACE | * | * | * | 17 | | | | | | 18 | * | * | * | SPACE |
| SPACE | * | * | * | 19 | | | | | | 20 | * | * | * | SPACE |
| SPACE | * | * | * | 21 | | | | | | 22 | * | * | * | SPACE |
| SPACE | * | * | * | 23 | | | | | | 24 | * | * | * | SPACE |
| SUB-TOTAL | * | * | * | | | | | | | | * | * | * | SUB-TOTAL |
| NEUTRAL BUS GROUND BUS | | | | | | | | | | | | | | |
| VOLTAGE: | 208Y/120V | 3 PHASE | 4 WIRE | 100 AMP BUS | TOTAL KVA | A | * | | | PANEL NO. | EPP | | | |
| MAIN BREAKER | | | | 50 AMP TRIP | TOTAL KVA | B | * | | | LOCATION | ELECTRICAL RM | | | |
| MOUNTING: | SURFACE | | | | TOTAL KVA | C | * | | | | | | | |
| SC RATING: | 10,000 AIC | | | | TOTAL KVA | | * | | | | | | | |
| NOTES: | | | | | | | | | | | | | | |

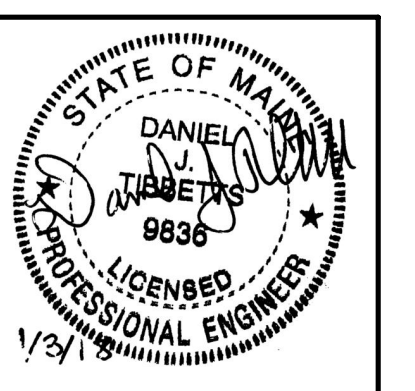


1 ONE-LINE DIAGRAM
NONE

NOTES:
1. SEE SHEET 2.E-001 FOR LEGEND AND GENERAL NOTES.

CABLE SCHEDULE:

- 1 4#3/0 AWG & #6 GND, 2°C
- 2 4#1/0 AWG & #6 GND, 2°C
- 3 3#4 AWG & #8 GND, 1 1/4°C
- 4 3#10 AWG & #10 GND, 3/4°C
- 5 4#8 AWG & #10 GND, 3/4°C



ARCHITECTURE 144 Fore Street P.O. Box 618
Portland, Maine 04104
tel. (207) 772-3846
fax. (207) 772-1070
www.smrtinc.com

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SMRT PROJECT NO. PROJECT MGR. JCDRAWN JAE OF RECORD
17033 DRL CDS DJT

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| ISSUED FOR CONSTRUCTION | 12/21/17 | DATE: |
| STATUS: | | |
| BY: | | |
| REV: | 0 | |

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SEBAGO TECHNOLOGIES
WWW.SEBAGOTECHNICS.COM
75 John Roberts Rd., Suite 1A
South Portland, ME 04086
Tel. 207-208-2100
Tel. 207-783-6666

PROJECT NO. FIELD BOOK DESIGN CHKD DRAWN

ONE-LINE DIAGRAM AND PANEL SCHEDULES
OF:
PORTLAND INTERNATIONAL JETPORT
VERTICAL CIRCULATION IMPROVEMENTS
1001 WESTBROOK STREET
PORTLAND, MAINE 04102

| | |
|----------|-------|
| DATE | SCALE |
| 10-27-17 | NONE |

2.EP601