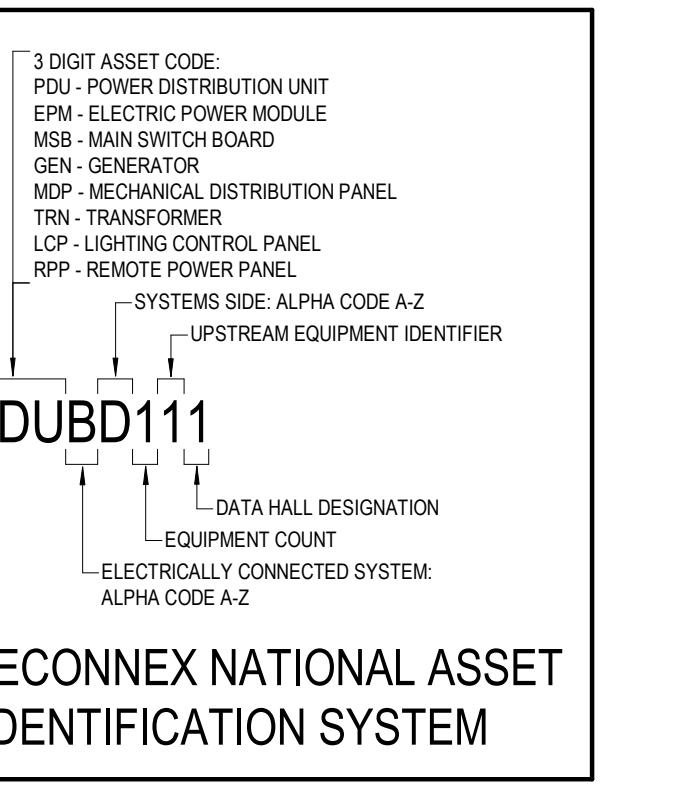
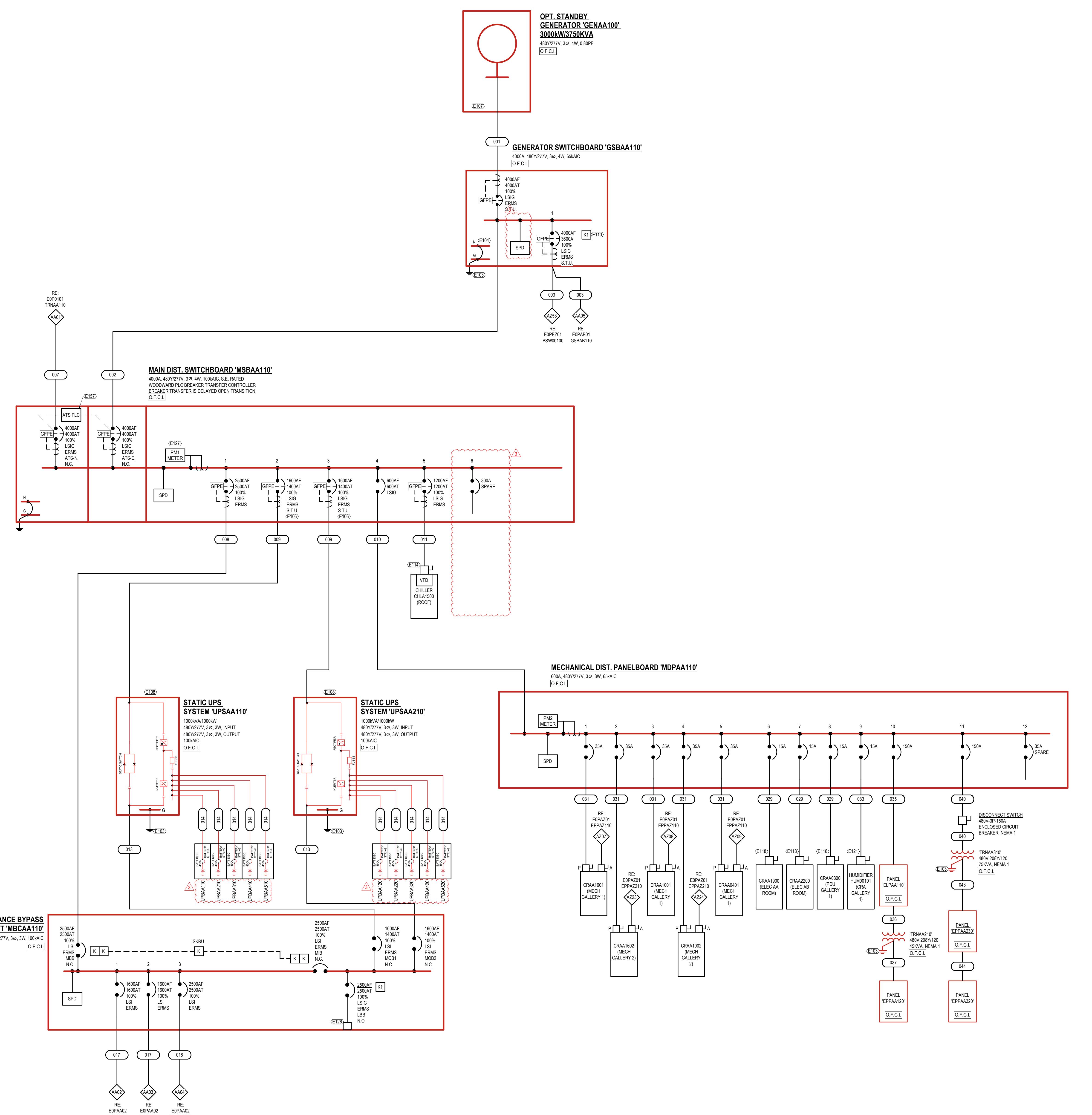


ONE-LINE GENERAL NOTES:	
1.	REFER TO GENERAL ELECTRICAL NOTES SYMBOLS AND ABBREVIATIONS SHEET E00000 FOR ALL SYMBOLS ON THIS SHEET.
2.	REFER TO BOOK SPEC FOR ELECTRICAL SPECIFICATIONS.
3.	REFER TO E00000 SERIES MEETS FOR FEEDER SCHEDULES, LOAD ANALYSIS, AND FAULT CURRENT SCHEDULES.
4.	PHASE ROTATION SHALL BE A-B-C CLOCKWISE THROUGHOUT SYSTEM
5.	POLARITY INDICATOR - INDICATES SCHNEIDER ELECTRIC PWR SERIES, POWER QUALITY METER PM2 INDICATES SCHNEIDER ELECTRIC PM0000 SERIES

LINETYPE LEGEND	
NEW EQUIPMENT/FEEDERS	—
FUTURE EQUIPMENT/FEEDERS	-----
EQUIPMENT/FEEDERS BY OTHERS	- - - -



KEYED NOTES:	
E103	REFER TO GROUNDING ONE-LINE DIAGRAMS SHEET SERIES E0EXXX FOR ADDITIONAL INFORMATION.
E104	GENERATOR TO BE WIRED AS A GENERALLY DERIVED SYSTEM. BOND THE GENERATOR TO THE MAIN SWITCH BOARD. REFER TO DETAIL E050001 FOR MORE INFORMATION.
E105	PROVIDE 120V CONNECTION FROM UPS TO SHUNT TRIP BREAKER.
E107	PROVIDE GENERATOR START CONTROL WIRING PER DETAIL E150004.
E108	PROVIDE UPS INTERCONNECT CONTROL WIRING PER DETAIL E150004.
E110	GENERATOR AND MAINTENANCE BYPASS CABINET LOAD BANK BREAKER KIRK KEYS FURNISHED WITH GEAR. KIRK KEYS SHALL BE INSTALLED SO THAT THE KIRK KEYS ARE LOCATED IN THE MAINTENANCE BYPASS CABINET. LOAD BANK BREAKER CAN BE CLOSED AT A SINGLE TIME.
E114	DISCONNECT AND VES PROVIDED WITH EQUIPMENT BY MANUFACTURER.
E116	DISCONNECT PROVIDED WITH EQUIPMENT BY MANUFACTURER.
E121	480V/277V USED AT PANT
E129	LOAD BANK CAM LOCK CONNECTIONS PROVIDED WITH SWITCHGEAR AND FACTORY WIRED BY MANUFACTURER.
E137	PROVIDE 24V CONNECTION TO METER FROM BMP PANEL. PROVIDE CABLE AND CONDUIT AS REQUIRED.
E157	PROVIDE PC IN/OUT JACK CONNECTIONS BETWEEN BREAKER TRANSFER HARPS AS RECOMMENDED. PROVIDE CONNECTION TO PLC CONTROLLER FROM BMP PANEL LOCATED IN ELECTRICAL ROOM. PROVIDE CABLEING AND CONDUIT AS REQUIRED.

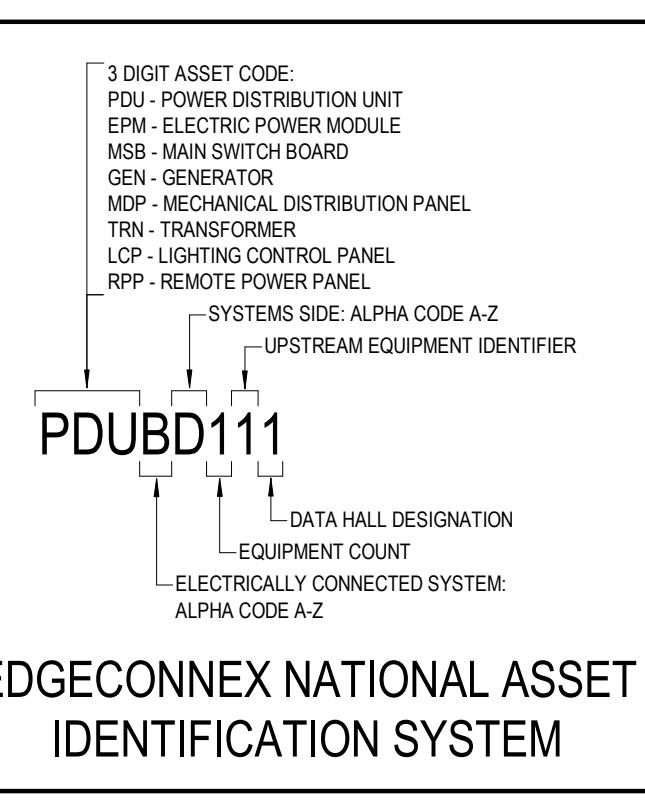


**ONE-LINE GENERAL NOTES:**

- REFER TO GENERAL ELECTRICAL NOTES SYMBOLS AND ABBREVIATIONS SHEET E000001 FOR ALL SYMBOLS ON THIS SHEET.
- REFER TO BOOK SPEC'S FOR ELECTRICAL SPECIFICATIONS.
- REFER TO E00000 SERIES SHEETS FOR FEEDER SCHEDULES, LOAD ANALYSIS, AND FAULT CURRENT SCHEDULES.
- PHASE ROTATION SHOULD BE A-B-C CLOCKWISE THROUGHOUT SYSTEM
- POWER QUALITY METER INDICATES SCHNEIDER ELECTRIC PMS000 POWER QUALITY METER PM2 INDICATES SCHNEIDER ELECTRIC PM000 SERIES

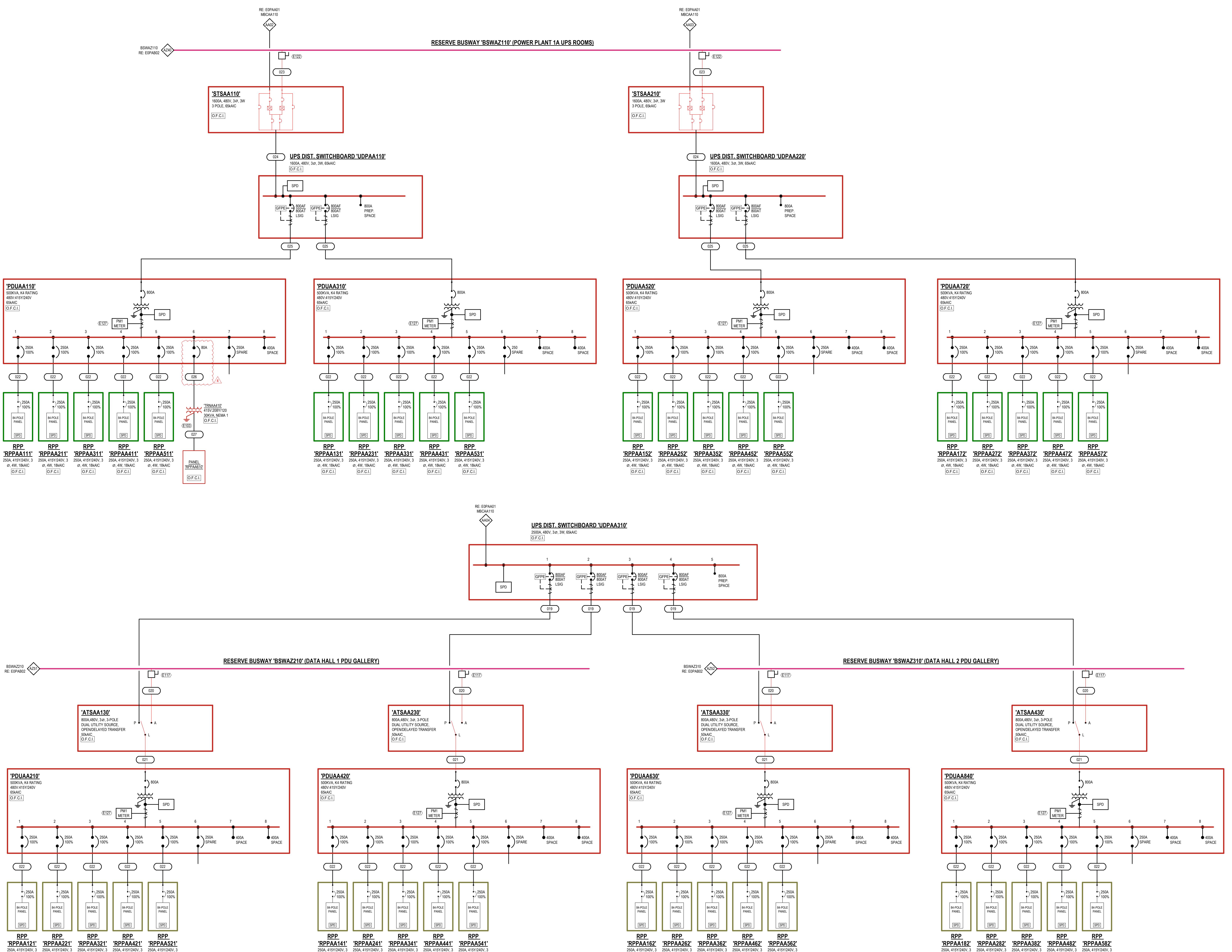
**LINETYPE LEGEND**

NEW EQUIPMENT/FEEDERS	—
FUTURE EQUIPMENT/FEEDERS	.....
EQUIPMENT/FEEDERS BY OTHERS	— — —



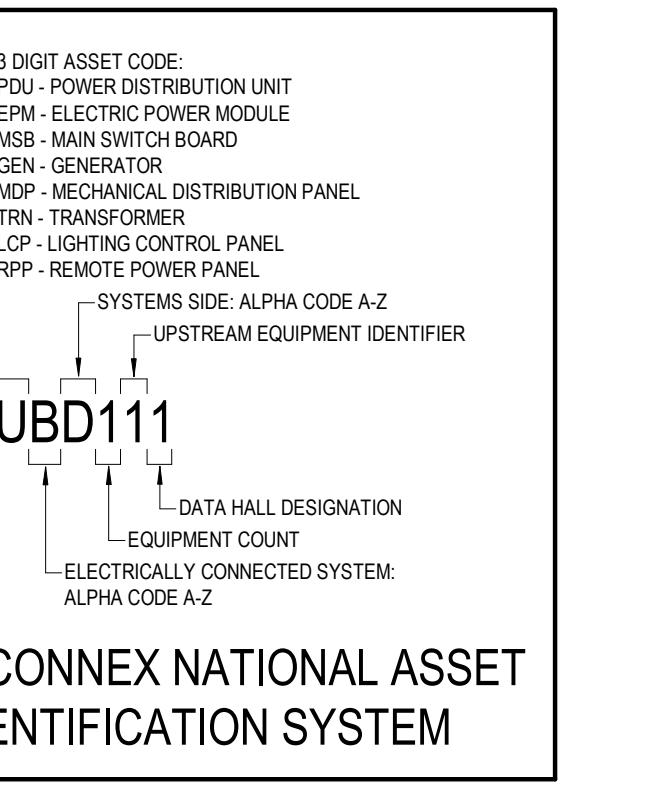
**KEYED NOTES:**

- E103 REFER TO GROUNDING ONE-LINE DIAGRAMS SHEET SERIES E0000X FOR ADDITIONAL INFORMATION.
- E111 PROVIDE BUSWAY TAP SAME MANUFACTURER AS BUSWAY. TAP SHALL INCLUDE ROBUST BREAKER AND MATCH BUSWAY AC RATING.
- E122 PROVIDE BUSWAY TAP BY SAME MANUFACTURER AS BUSWAY. TAP SHALL INCLUDE 1600A DP BREAKER.
- E127 PROVIDE CONNECTION TO METER FROM BPM PANEL. PROVIDE CABLING AND CONDUIT AS REQUIRED.

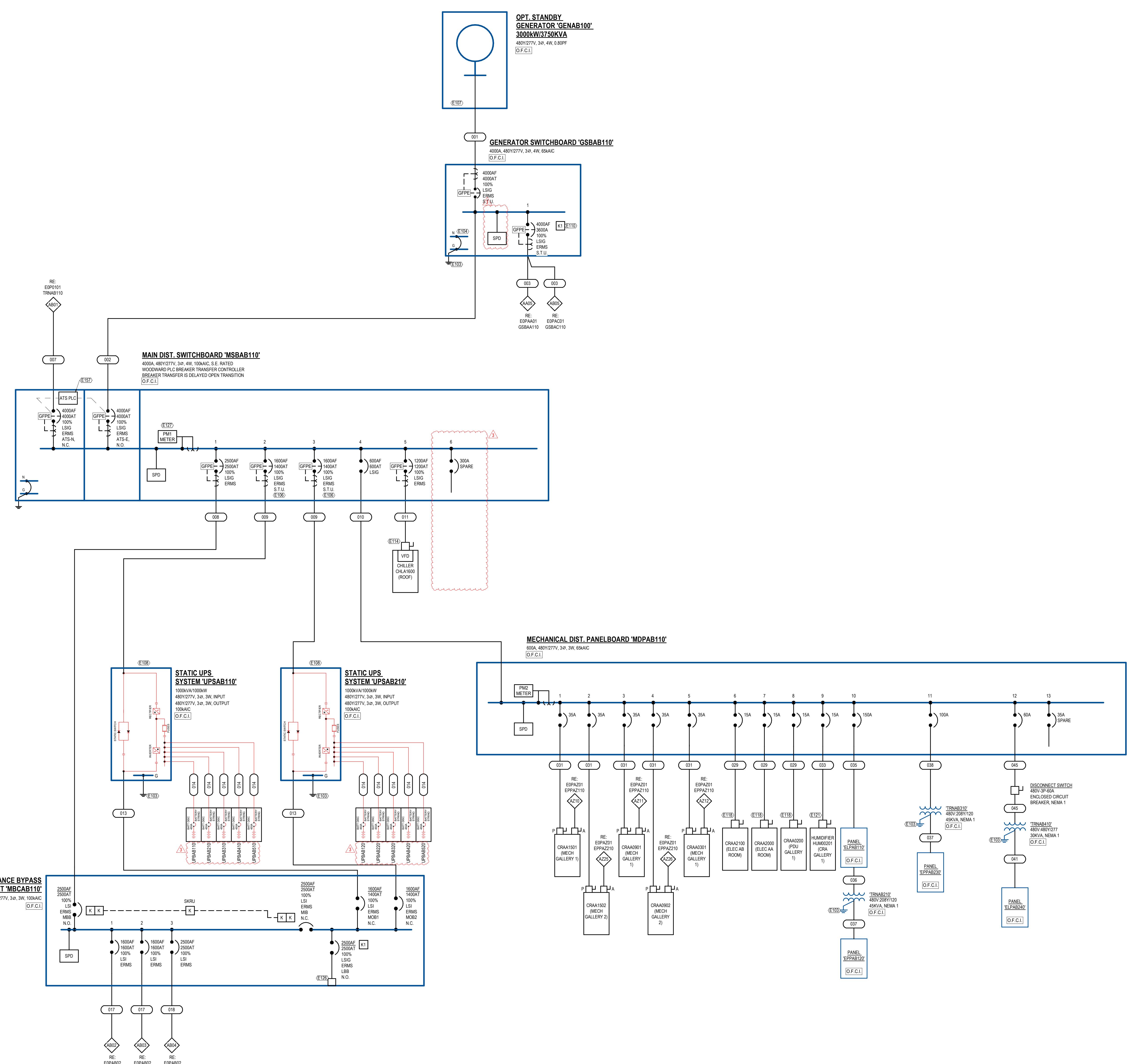


ONE-LINE GENERAL NOTES:	
1. REFER TO GENERAL ELECTRICAL NOTES SYMBOLS AND ABBREVIATIONS SHEET E00000 FOR ALL SYMBOLS ON THIS SHEET.	
2. REFER TO BOOK SPEC FOR ELECTRICAL SPECIFICATIONS.	
3. REFER TO E00000 SERIES MEETS FOR FEEDER SCHEDULES, LOAD ANALYSIS, AND FAULT CURRENT SCHEDULES.	
4. PHASE ROTATION SHALL BE A-B-C CLOCKWISE THROUGHOUT SYSTEM.	
5. POWER SOURCE INDICATOR - INDICATES SCHNEIDER ELECTRIC PM0000 SERIES. POWER QUALITY METER PM2 INDICATES SCHNEIDER ELECTRIC PM0000 SERIES.	

LINETYPE LEGEND	
NEW EQUIPMENT/FEEDERS	—
FUTURE EQUIPMENT/FEEDERS	.....
EQUIPMENT/FEEDERS BY OTHERS	- - -

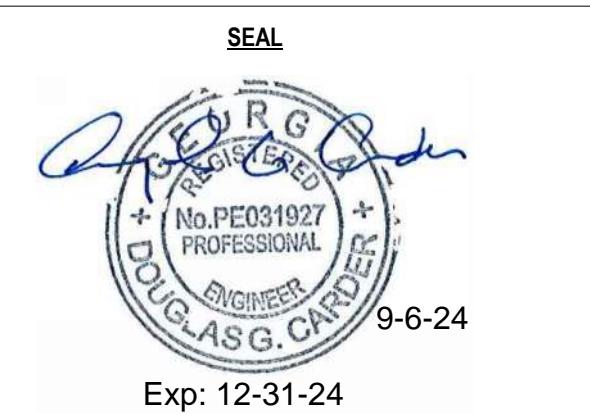


KEYED NOTES:	
E103	REFER TO GROUNDING ONE-LINE DIAGRAMS SHEET SERIES E0EXXX FOR ADDITIONAL INFORMATION.
E104	GENERATOR TO BE WIRED AS A GENERALLY DERIVED SYSTEM. BOND THE GENERATOR TO THE SYSTEM GND BUS. REFER TO DETAIL E050001 FOR MORE INFORMATION.
E105	PROVIDE 120V CONNECTION FROM UPS TO SHUNT TRIP BREAKER.
E107	PROVIDE GENERATOR START CONTROL WIRING PER DETAIL 1E50004.
E108	PROVIDE UPS INTERCONNECT CONTROL WIRING PER DETAIL 1E50004.
E110	GENERATOR AND MAINTENANCE BYPASS CABINET LOAD BANK BREAKER KIRK KEYS FURNISHED WITH GEAR. KIRK KEYS SHALL BE INSTALLED SO THAT THE KIRK KEYS CAN ONLY BE OPENED WHEN THE LOAD BANK BREAKER CAN BE CLOSED AT A SINGLE TIME.
E114	DISCONNECT AND VFD PROVIDED WITH EQUIPMENT BY MANUFACTURER.
E115	DISCONNECT PROVIDED WITH EQUIPMENT BY MANUFACTURER.
E121	480V/240V USED AT PANT
E129	LOAD BANK CAM LOCK CONNECTIONS PROVIDED WITH SWITCHGEAR AND FACTORY WIRED BY MANUFACTURER.
E137	PROVIDE 24V CONNECTION TO METER FROM BMP PANEL. PROVIDE CABLE AND CONDUIT AS REQUIRED.
E157	PROVIDE AC NYLON COATED WIRE CONNECTIONS BETWEEN BREAKER TRANSFER HARS AS PROVIDED BY MANUFACTURER. CONNECT WIRE FROM PLUG-IN HARMS TO PANEL LOCATED IN ELECTRICAL ROOM. PROVIDE CABLEING AND CONDUIT AS REQUIRED.



1 ELECTRICAL PARTIAL ONE-LINE DIAGRAM - PP1A - BLOCK B  
SCALE: NOT TO SCALE

ISSUES & REVISIONS		
NO	DATE	DESCRIPTION
1	06.21.2024	ISSUE FOR PERMIT
2	07.24.2024	CITY COMMENTS
3	09.06.2024	ADDENDUM 01



ELECTRICAL ONE-LINE  
DIAGRAM - PP1A - BLOCK B  
DRAWN: LIS  
REVIEWED: DDC  
PROJECT NO.: C2370  
SHEET NO.  
**EOPAB01**

PROPRIETARY. NOT FOR DISCLOSURE OR USE WITHOUT THE WRITTEN  
CONSENT OF BURR COMPUTER ENVIRONMENTS, INC.





**ONE-LINE GENERAL NOTES:**

- REFER TO GENERAL ELECTRICAL NOTES, SYMBOLS, AND ABBREVIATIONS SHEET E000001 FOR ALL SYMBOLS ON THIS SHEET.
- REFER TO BOOK SPEC'S FOR ELECTRICAL SPECIFICATIONS.
- REFER TO E00000 SERIES SHEETS FOR FEEDER SCHEDULES, LOAD ANALYSIS, AND FAULT CURRENT SCHEDULES.
- PHASE ROTATION SHOULD BE A-B-C CLOCKWISE THROUGHOUT SYSTEM.
- POWER ROTATION SHOULD INDICATE SCHNEIDER ELECTRIC PM6000 SERIES. POWER QUALITY METER PM2 INDICATES SCHNEIDER ELECTRIC PM6000 SERIES.

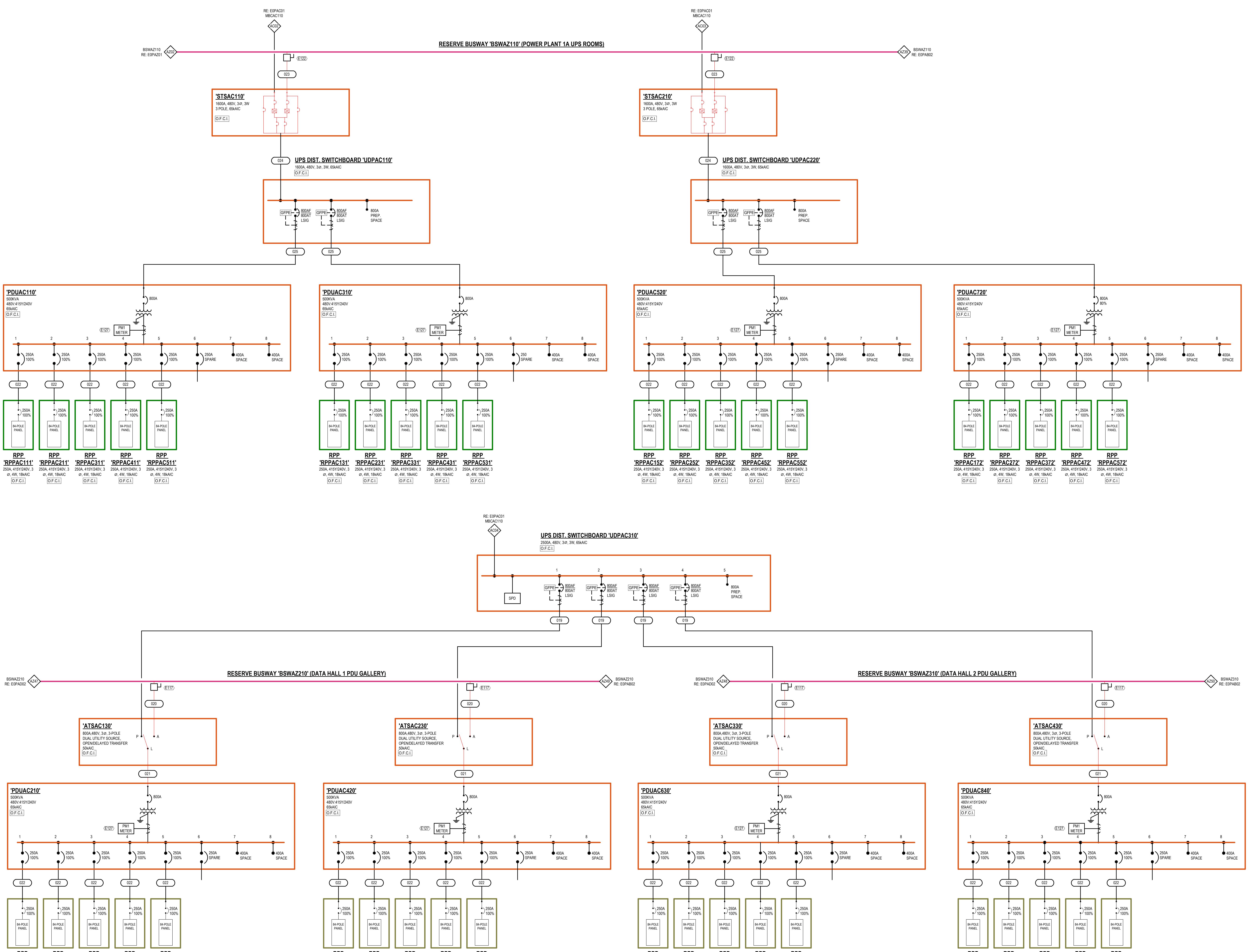
**LINETYPE LEGEND:**

NEW EQUIPMENT FEEDERS	—
FUTURE EQUIPMENT FEEDERS	.....
EQUIPMENT FEEDERS BY OTHERS	—

**EDGECONNEX NATIONAL ASSET IDENTIFICATION SYSTEM:**

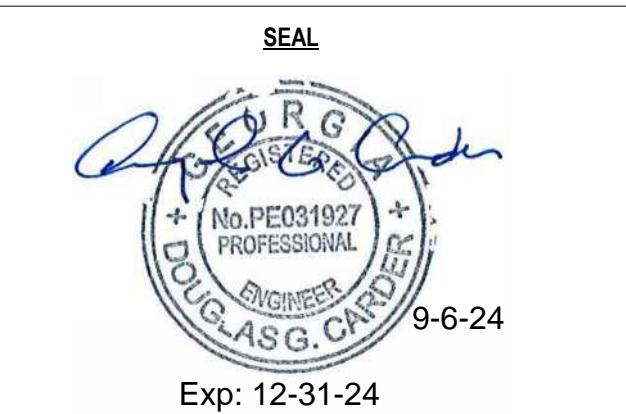
**KEYED NOTES:**

- E111 PROVIDE BUSWAY TAP SAME MANUFACTURER AS BUSWAY. TAP SHALL INCLUDE KNOB BREAKER AND MATCH BUSWAY AC RATING.
- E112 PROVIDE BUSWAY TAP SAME MANUFACTURER AS BUSWAY. TAP SHALL INCLUDE 100A/100A BREAKERS.
- E121 PROVIDE CONNECTION TO METER FROM BMP PANEL. PROVIDE CABLING AND CONDUIT AS REQUIRED.



**ISSUES & REVISIONS**

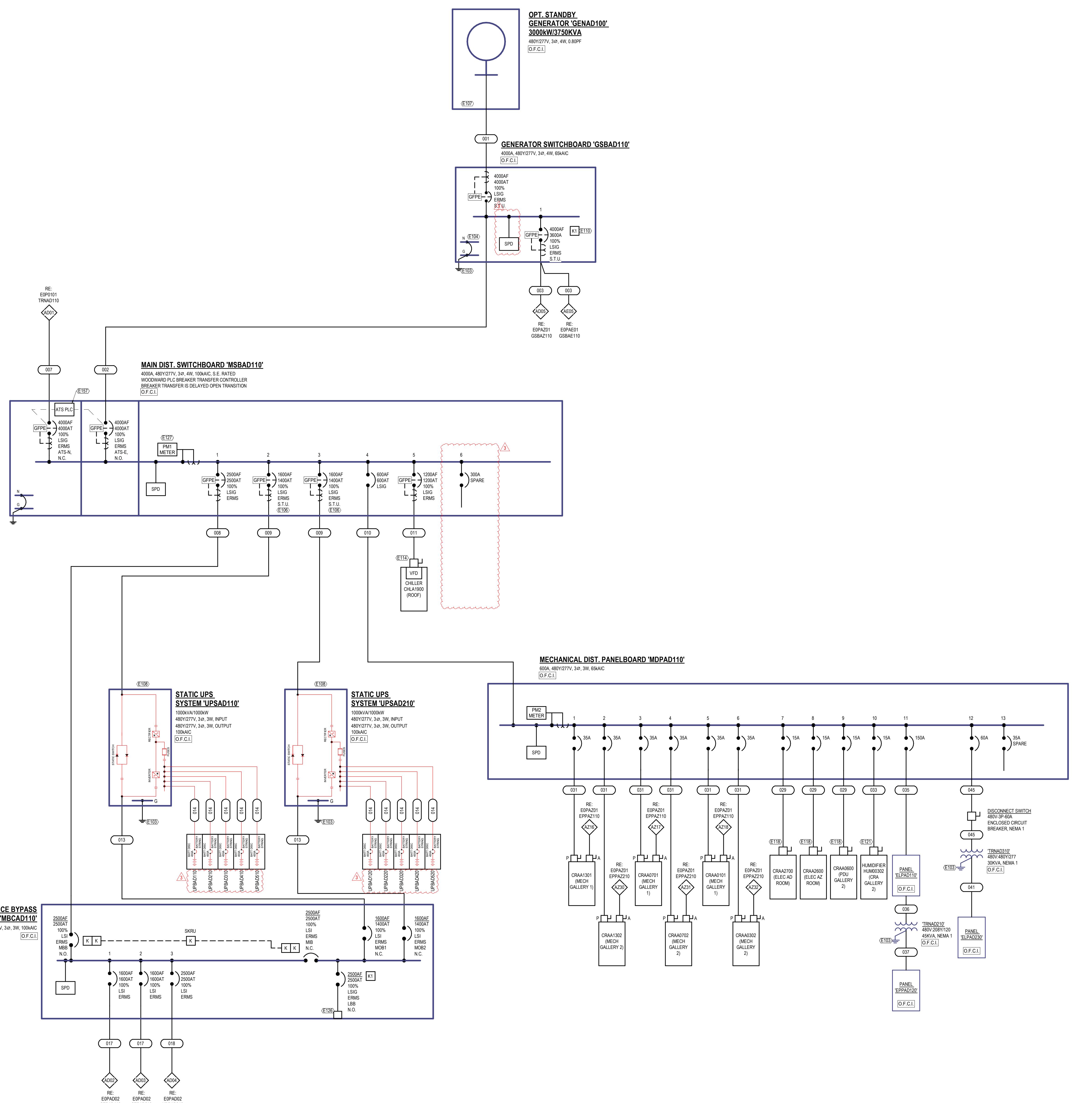
NO	DATE	DESCRIPTION
1	06.21.2024	ISSUE FOR PERMIT
2	07.24.2024	CITY COMMENTS
3	09.06.2024	ADDENDUM 01



**ELECTRICAL ONE-LINE  
DIAGRAM - PP1A - BLOCK C**

DRAWN: LIS  
REVISED: DDC  
PROJECT NO.: C230  
SHEET NO.: EOPAC02

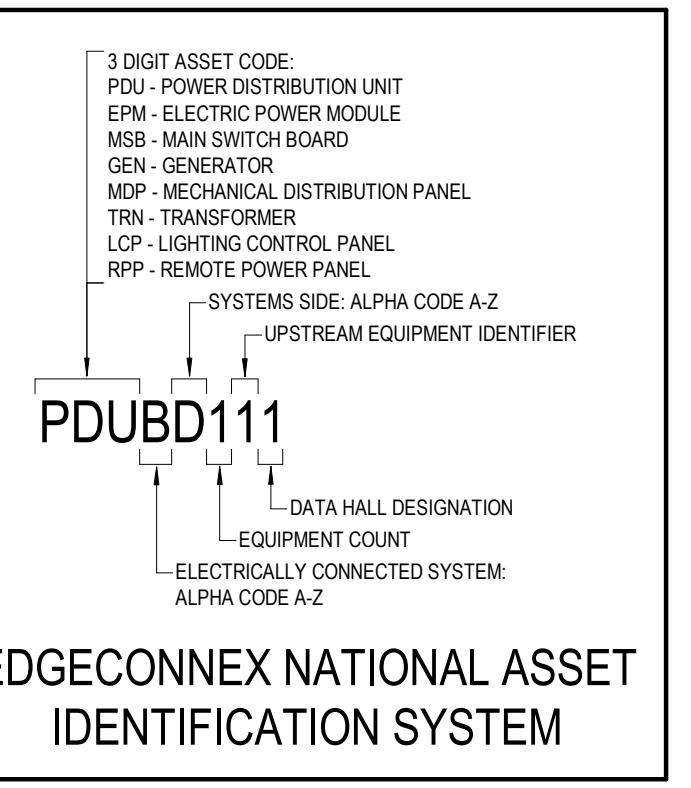
PROPRIETARY. NOT FOR DISCLOSURE OR USE WITHOUT THE WRITTEN CONSENT OF BURR COMPUTER ENVIRONMENTS, INC.



1 ELECTRICAL PARTIAL ONE-LINE DIAGRAM - PP1A - BLOCK D  
SCALE: NOT TO SCALE

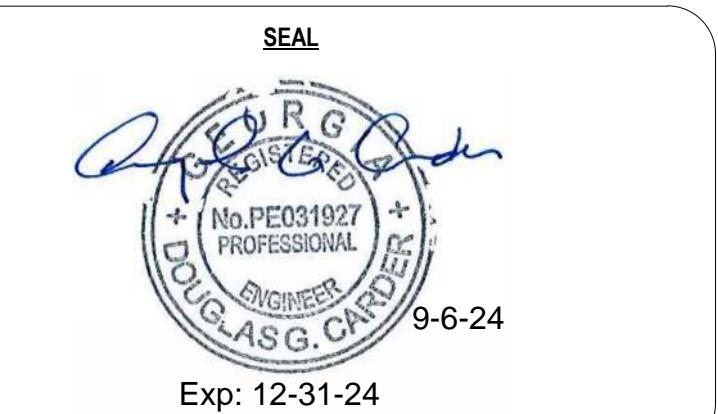
ONE-LINE GENERAL NOTES:	
1.	REFER TO GENERAL ELECTRICAL NOTES SYMBOLS AND ABBREVIATIONS SHEET E00000 FOR ALL SYMBOLS ON THIS SHEET.
2.	REFER TO BOOK SPEC FOR ELECTRICAL SPECIFICATIONS.
3.	REFER TO E00000 SERIES MEETS FOR FEEDER SCHEDULES, LOAD ANALYSIS, AND FAULT CURRENT SCHEDULES.
4.	PHASE ROTATION SHALL BE A-B-C CLOCKWISE THROUGHOUT SYSTEM
5.	POWER SOURCE INDICATES SCHNEIDER ELECTRIC PM0000 SERIES. POWER QUALITY METER PM2 INDICATES SCHNEIDER ELECTRIC PM0000 SERIES.

LINETYPE LEGEND	
NEW EQUIPMENT/FEEDERS	—
FUTURE EQUIPMENT/FEEDERS	.....
EQUIPMENT/FEEDERS BY OTHERS	- - -



KEYED NOTES:	
E103	REFER TO GROUNDING ONE-LINE DIAGRAMS SHEET SERIES E0EXXX FOR ADDITIONAL INFORMATION.
E104	GENERATOR TO BE WIRED AS A GENERALLY DERIVED SYSTEM. BOND THE GENERATOR TO THE MAIN DISTRIBUTION SWITCHBOARD. REFER TO DETAIL E050001 FOR MORE INFORMATION.
E105	PROVIDE 120V CONNECTION FROM UPS TO SHUNT TRIP BREAKER.
E107	PROVIDE GENERATOR START CONTROL WIRING PER DETAIL 1E50004.
E108	PROVIDE UPS INTERCONNECT CONTROL WIRING PER DETAIL 1E50004.
E110	GENERATOR AND MAINTENANCE BYPASS CABINET LOAD BANK BREAKER KIRK KEYS FURNISHED WITH GEAR. KIRK KEYS SHALL BE INSTALLED SO THAT THE KIRK KEYS CAN ONLY BE REMOVED WHEN THE LOAD BANK BREAKER CAN BE CLOSED AT A SINGLE TIME.
E114	DISCONNECT AND VFD PROVIDED WITH EQUIPMENT BY MANUFACTURER.
E115	DISCONNECT PROVIDED WITH EQUIPMENT BY MANUFACTURER.
E121	480V/60A USED AT PANT
E129	LOAD BANK CAN LOCK CONNECTIONS PROVIDED WITH SWITCHGEAR AND FACTORY WIRED BY MANUFACTURER.
E137	PROVIDE 24V CONNECTION TO METER FROM BMP PANEL. PROVIDE CABLE AND CONDUIT AS REQUIRED.
E157	PROVIDE RCNTY/LOCK CIRCUIT CONNECTION BETWEEN BREAKER TRANSFER HARS AS REQUIRED. PROVIDE CONNECTION TO PLC CONTROLLER FROM BMP PANEL LOCATED IN ELECTRICAL ROOM. PROVIDE CABLE AND CONDUIT AS REQUIRED.

ISSUES & REVISIONS		
NO	DATE	DESCRIPTION
1	06.21.2024	ISSUE FOR PERMIT
2	07.24.2024	CITY COMMENTS
3	09.06.2024	ADDENDUM 01



ELECTRICAL ONE-LINE  
DIAGRAM - PP1A - BLOCK D

DRAWN: LIS  
REVISED: DDC  
PROJECT NO.: C230  
SHEET NO.  
**EOPAD01**

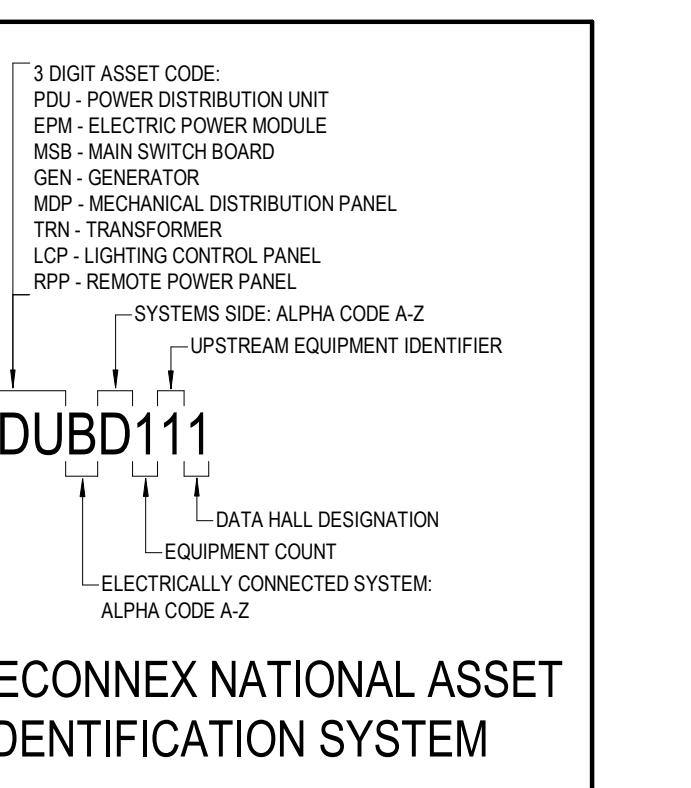
PROPRIETARY. NOT FOR DISCLOSURE OR USE WITHOUT THE WRITTEN  
CONSENT OF BURR COMPUTER ENVIRONMENTS, INC.

**ONE-LINE GENERAL NOTES:**

- REFER TO GENERAL ELECTRICAL NOTES SYMBOLS AND ABBREVIATIONS SHEET E000001 FOR ALL SYMBOLS ON THIS SHEET.
- REFER TO BOOK SPEC FOR ELECTRICAL SPECIFICATIONS.
- REFER TO E00000 SERIES SHEETS FOR FEEDER SCHEDULES, LOAD ANALYSIS, AND FAULT CURRENT SCHEDULES.
- PHASE ROTATION SHOULD BE A-B-C CLOCKWISE THROUGHOUT SYSTEM.
- POWER ROTATION SHOULD INDICATE SCHNEIDER ELECTRIC PWR SERIES, POWER QUALITY METER PM2 INDICATES SCHNEIDER ELECTRIC PM2000 SERIES.

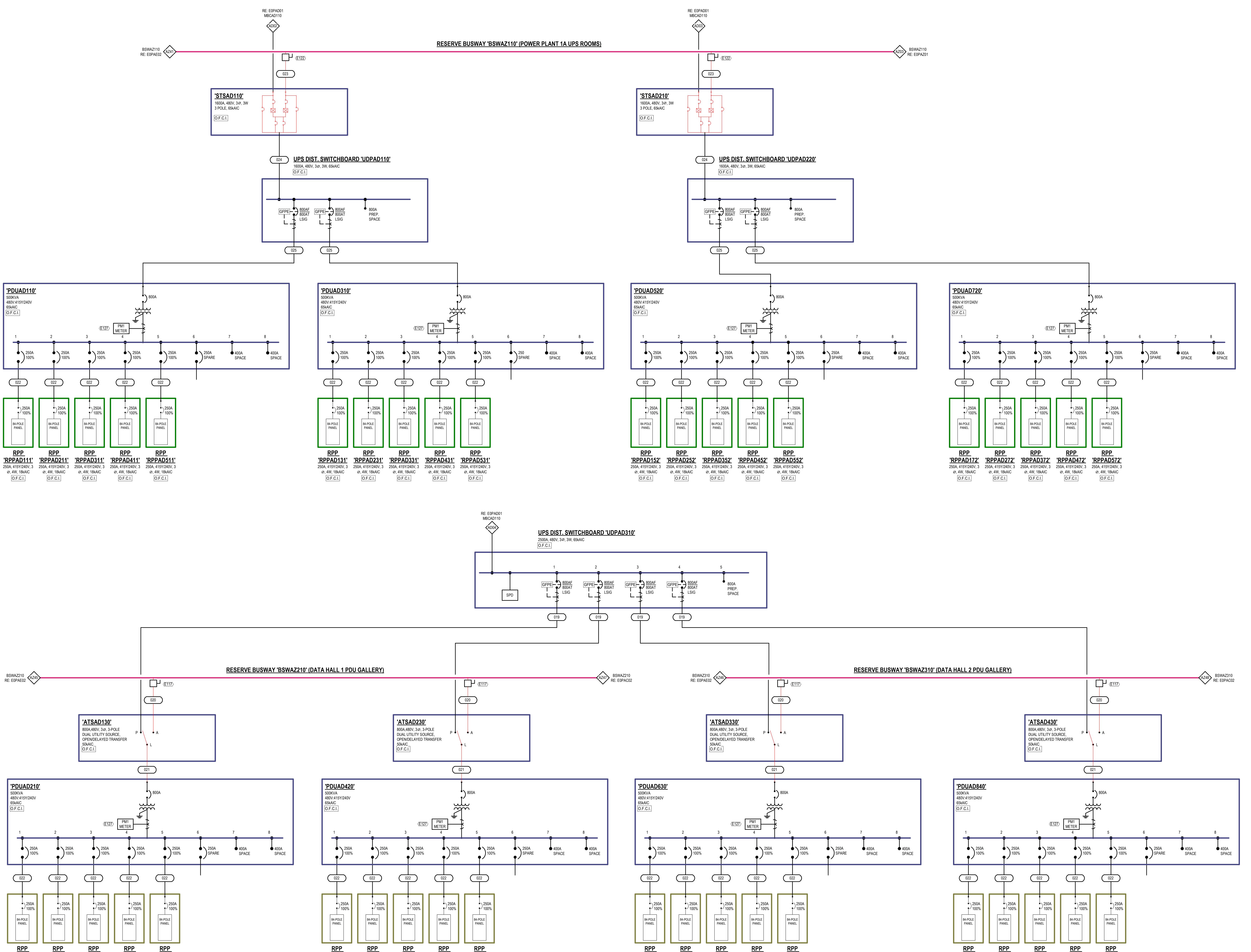
**LINETYPE LEGEND**

NEW EQUIPMENT FEEDERS	—
FUTURE EQUIPMENT FEEDERS	.....
EQUIPMENT FEEDERS BY OTHERS	— — —



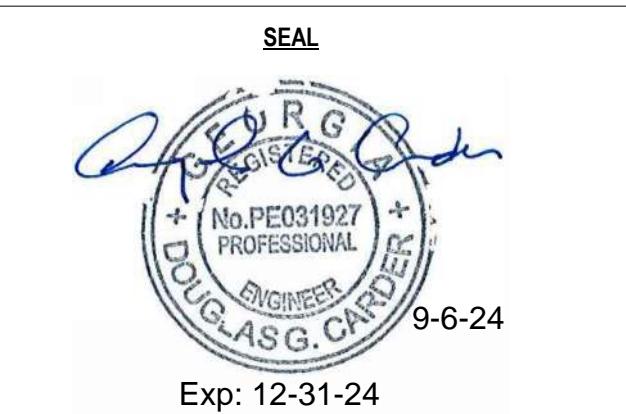
**KEYED NOTES:**

E111	PROVIDE BUSWAY TAP SAME MANUFACTURER AS BUSWAY. TAP SHALL INCLUDE KNOB BREAKER AND MATCH BUSWAY AC RATING.
E112	PROVIDE BUSWAY TAP SAME MANUFACTURER AS BUSWAY. TAP SHALL INCLUDE 100A/300A BREAKERS.
E121	PROVIDE 24 CONNECTION TO METER FROM BMP PANEL. PROVIDE CABLING AND CONDUIT AS REQUIRED.



**ISSUES & REVISIONS**

NO	DATE	DESCRIPTION
1	06.21.2024	ISSUE FOR PERMIT
2	07.24.2024	CITY COMMENTS
3	09.06.2024	ADDENDUM 01



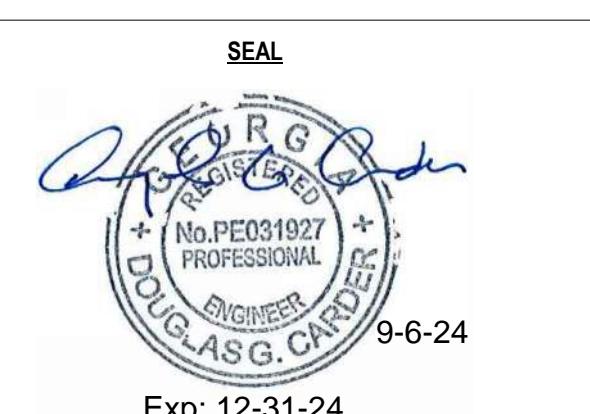
**ELECTRICAL ONE-LINE  
DIAGRAM - PP1A - BLOCK D**

DRAWN: LIS  
REVISED: DDC  
PROJECT NO.: C220

SHEET NO.  
**EOPAD02**

PROPRIETARY. NOT FOR DISCLOSURE OR USE WITHOUT THE WRITTEN CONSENT OF BURR COMPUTER ENVIRONMENTS, INC.

ISSUES & REVISIONS		
NO.	DATE	DESCRIPTION
1	06.21.2024	ISSUE FOR PERMIT
2	07.24.2024	CITY COMMENTS
3	09.06.2024	ADDENDUM 01



ELECTRICAL ONE-LINE  
DIAGRAM - PP1A - BLOCK E

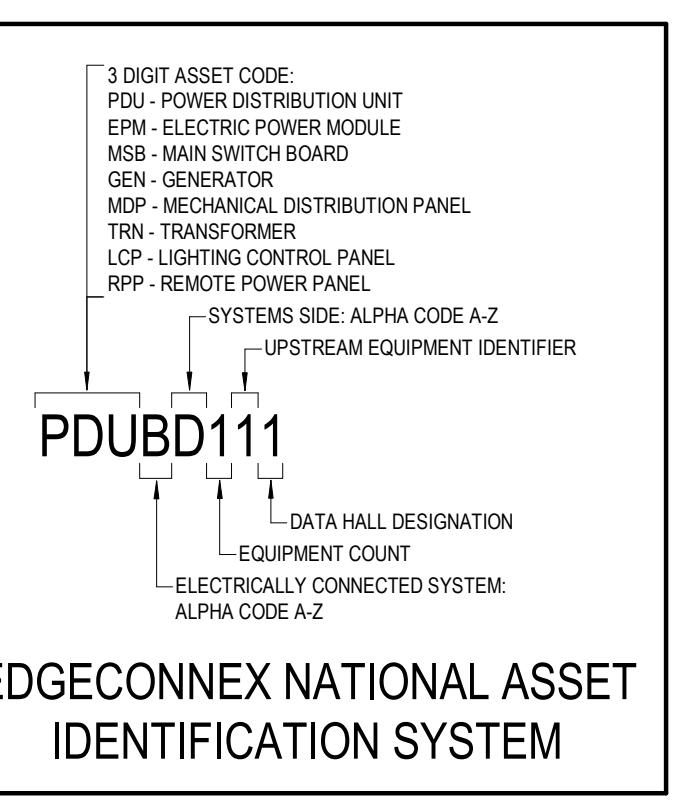
DRAWN: LIS  
REVIEWED: DDC  
PROJECT NO.: C2370

SHEET NO.  
**EOPAE01**

PROPRIETARY. NOT FOR DISCLOSURE OR USE WITHOUT THE WRITTEN  
CONSENT OF BURR COMPUTER ENVIRONMENTS, INC.

ONE-LINE GENERAL NOTES:	
1.	REFER TO GENERAL ELECTRICAL NOTES SYMBOLS AND ABBREVIATIONS SHEET E00000 FOR ALL SYMBOLS ON THIS SHEET.
2.	REFER TO BOOK SPEC'S FOR ELECTRICAL SPECIFICATIONS.
3.	REFER TO E00000 SERIES MEETS FOR FEEDER SCHEDULES, LOAD ANALYSIS, AND FAULT CURRENT SCHEDULES.
4.	PHASE ROTATION SHALL BE A-B-C CLOCKWISE THROUGHOUT SYSTEM
5.	POLARITY INDICATOR - INDICATES SCHNEIDER ELECTRIC PM0000 SERIES. POWER QUALITY METER PM2 INDICATES SCHNEIDER ELECTRIC PM0000 SERIES.

LINETYPE LEGEND	
NEW EQUIPMENT/FEEDERS	—
FUTURE EQUIPMENT/FEEDERS	.....
EQUIPMENT/FEEDERS BY OTHERS	- - -





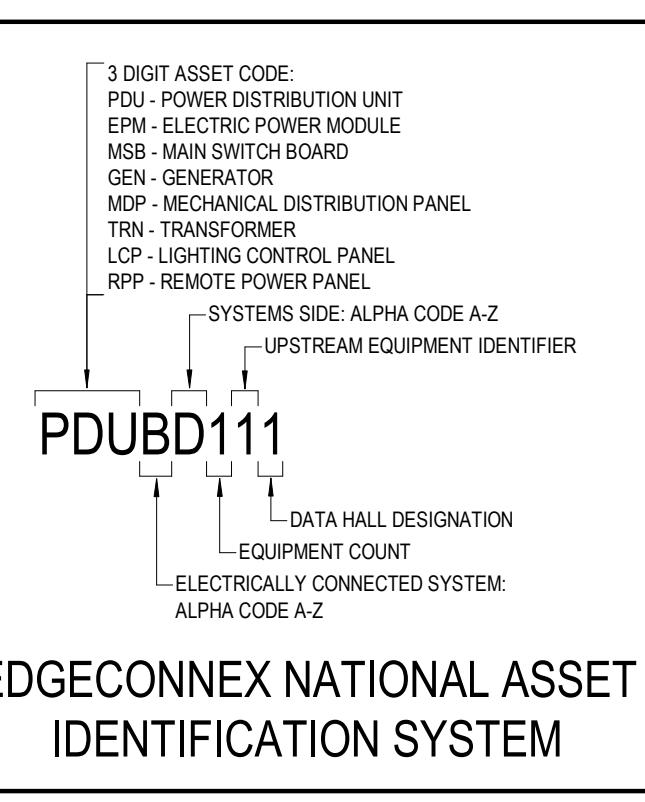


**ONE-LINE GENERAL NOTES:**

- REFER TO GENERAL ELECTRICAL NOTES SYMBOLS AND ABBREVIATIONS SHEET E000001 FOR ALL SYMBOLS ON THIS SHEET.
- REFER TO BOOK SPEC'S FOR ELECTRICAL SPECIFICATIONS.
- REFER TO E00000 SERIES SHEETS FOR FEEDER SCHEDULES, LOAD ANALYSIS, AND FAULT CURRENT SCHEDULES.
- PHASE ROTATION SHOULD BE A-B-C CLOCKWISE THROUGHOUT SYSTEM
- POWER ROTATION SHOULD INDICATE SCHNEIDER ELECTRIC PM6000 POWER QUALITY METER PM2 INDICATES SCHNEIDER ELECTRIC PM6000 SERIES

**LINETYPE LEGEND**

NEW EQUIPMENT FEEDERS	—
FUTURE EQUIPMENT FEEDERS	.....
EQUIPMENT FEEDERS BY OTHERS	—



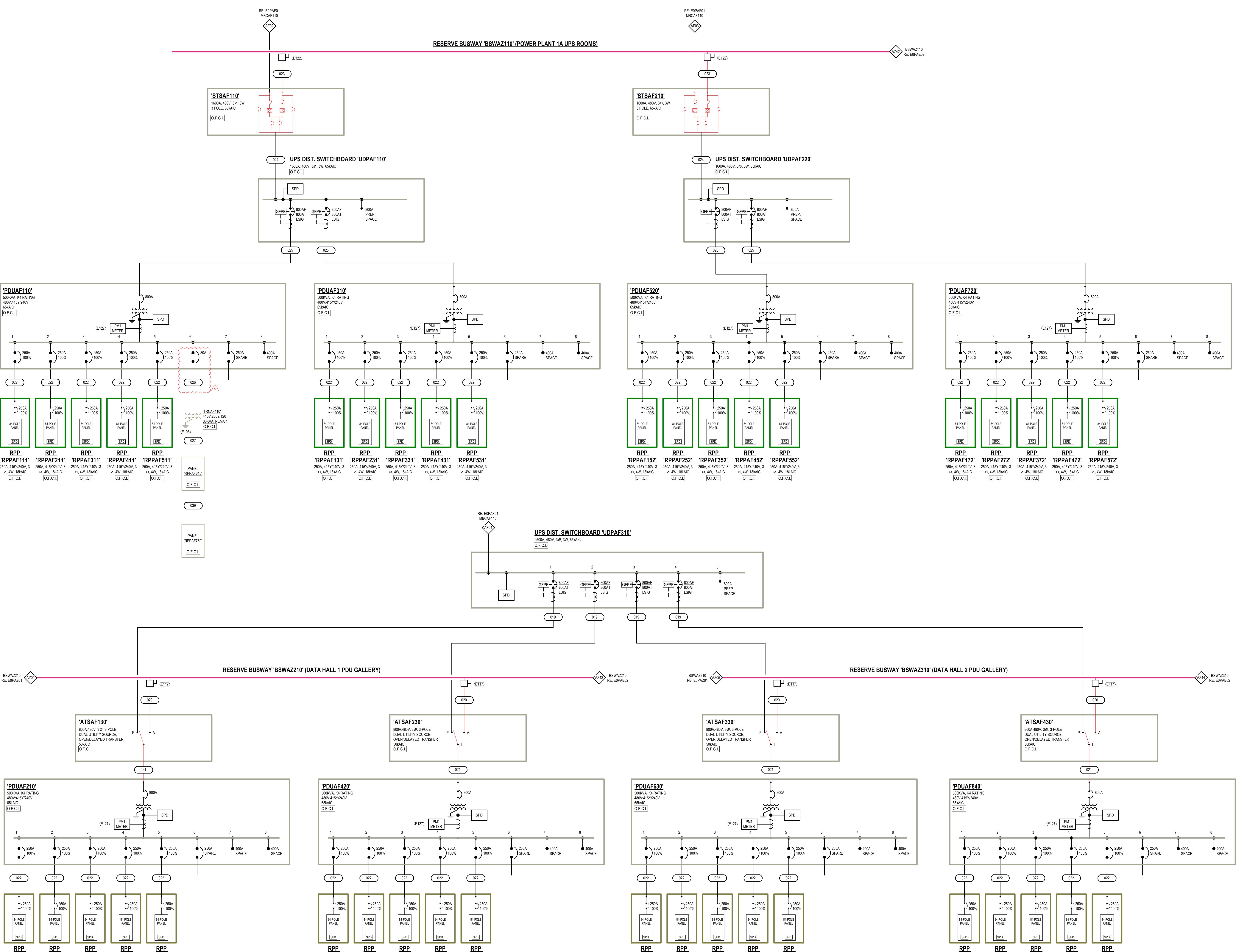
**KEYED NOTES:**

E103 REFER TO GROUNDING ONE-LINE DIAGRAMS SHEET SERIES E00000 FOR ADDITIONAL INFORMATION.

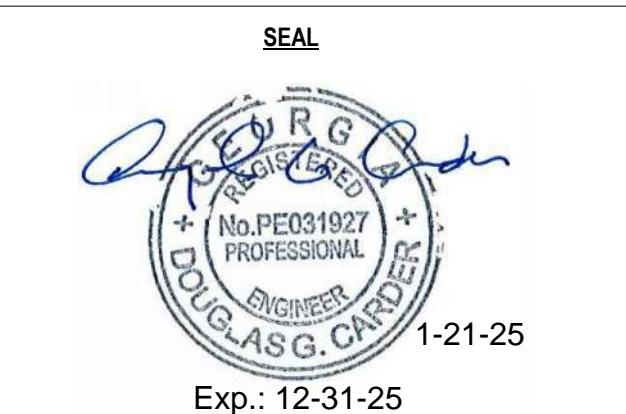
E111 PROVIDE BUSWAY TAP SAME MANUFACTURER AS BUSWAY. TAP SHALL INCLUDE 100A BREAKER AND MATCH BUSWAY AC RATING.

E122 PROVIDE BUSWAY TAP BY SAME MANUFACTURER AS BUSWAY. TAP SHALL INCLUDE 100A DP BREAKER.

E127 PROVIDE CONNECTION TO METER FROM BIM PANEL. PROVIDE CABLING AND CONDUIT AS REQUIRED.



ISSUES & REVISIONS		
NO	DATE	DESCRIPTION
1	06.21.2024	ISSUE FOR PERMIT
2	07.24.2024	CITY COMMENTS
3	09.06.2024	ADDENDUM 01
4	01.21.2025	ADDENDUM 02



ELECTRICAL ONE-LINE  
DIAGRAM - PP1A - BLOCK F

DRAWN: LIS  
REVISED: DDC  
PROJECT NO.: C230  
SHEET NO.: E0PAF02

PROPRIETARY. NOT FOR DISCLOSURE OR USE WITHOUT THE WRITTEN  
CONSENT OF BURR COMPUTER ENVIRONMENTS, INC.



