

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 PWR2000 POWER QUALITY METER PWR2 INDICATES SCHNEIDER ELECTRIC PMW000 SERIES

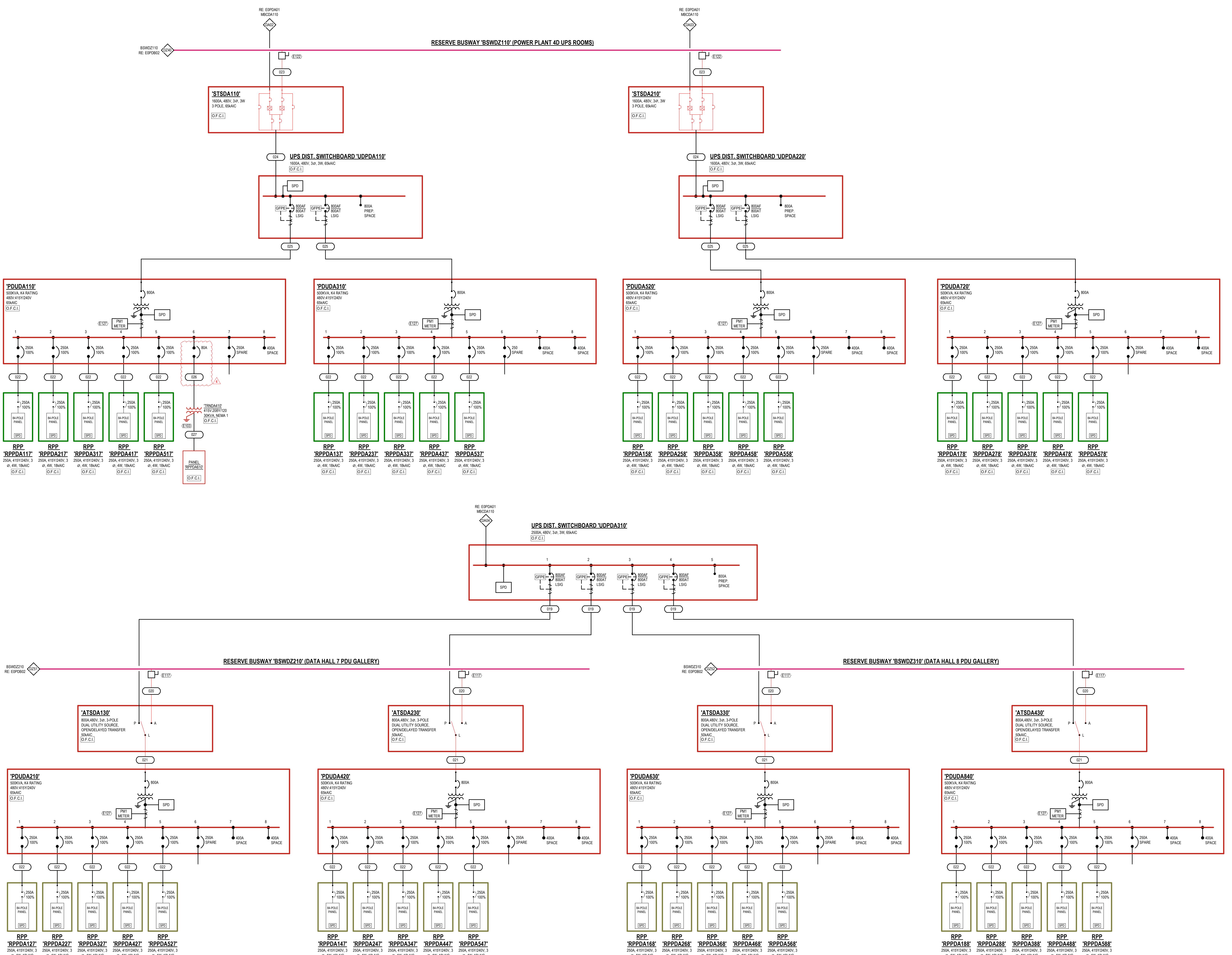
LINETYPE LEGEND:

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

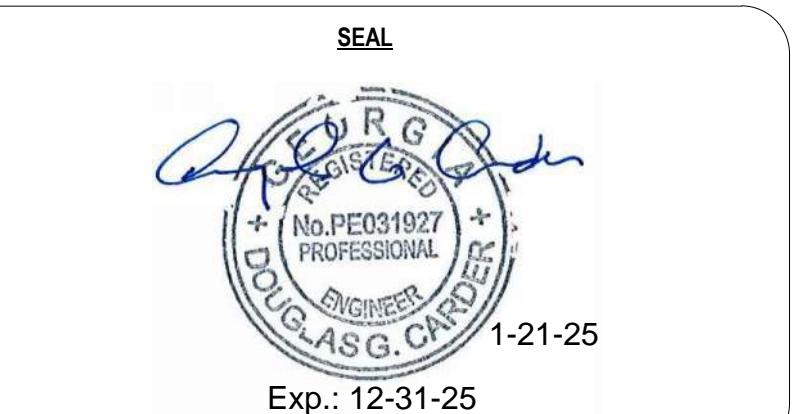
EDGECONNEX NATIONAL ASSET IDENTIFICATION SYSTEM

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 P/B BREAKER.
- E127 PROVIDE 24V 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 - PP2D - BLOCK A

DRAWN: LIS
REVISED: DGC
PROJECT NO.: C230
EOPDA02

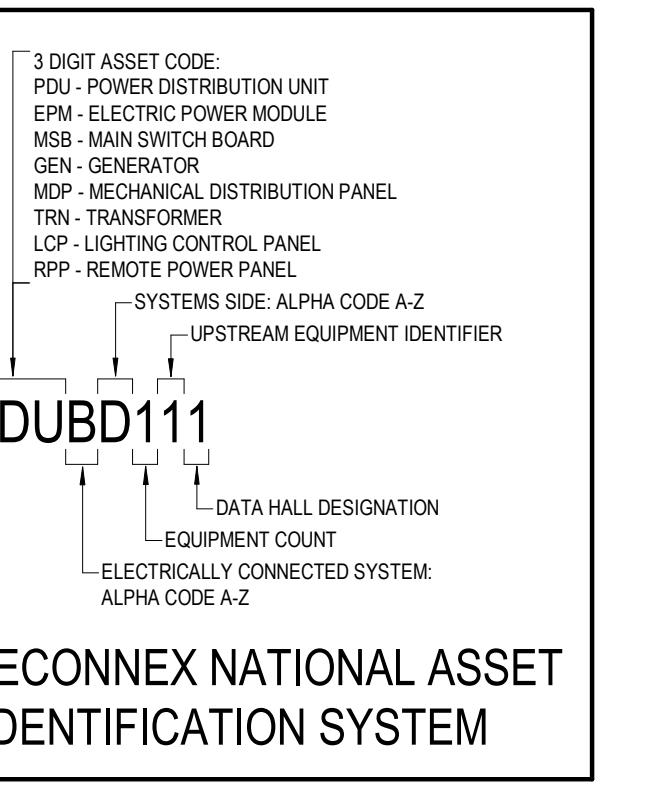
PROPRIETARY. NOT FOR DISCLOSURE OR USE WITHOUT THE WRITTEN CONSENT OF BURR COMPUTER ENVIRONMENTS, INC.

ONE-LINE GENERAL NOTES:

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

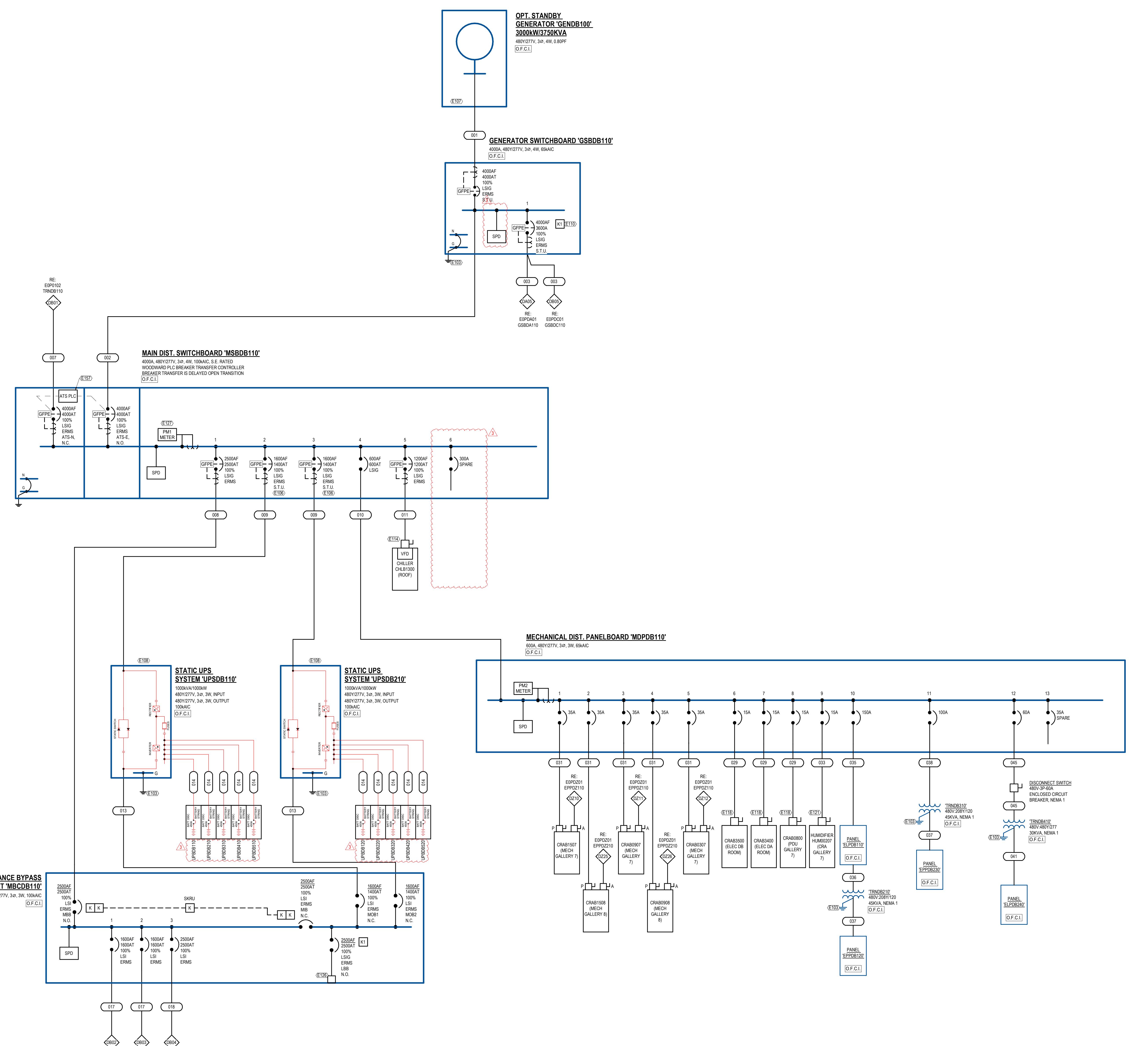
LINETYPE LEGEND:

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



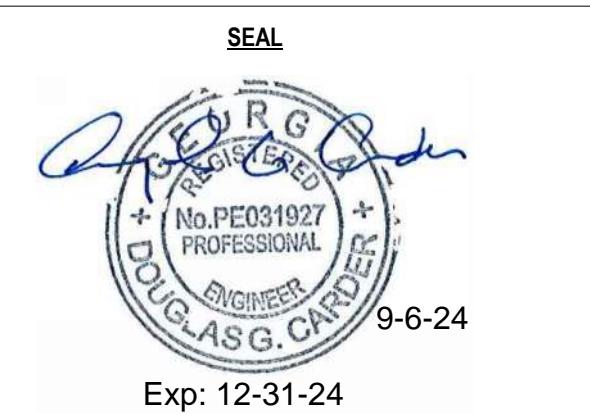
KEYED NOTES:

- REFER TO GROUNDING ONE-LINE DIAGRAMS SHEET SERIES E00XXX FOR ADDITIONAL INFORMATION.
- PROVIDE 120V CONNECTION FROM UPS TO SHUNT-Trip BREAKER.
- PROVIDE GENERATOR START CONTROL WIRING PER DETAIL E150004.
- PROVIDE UPS INTERCONNECT CONTROL WIRING PER DETAIL E150004.
- GENERATOR AND MAINTENANCE BYPASS CABINET LOAD BANK BREAKER SHOULD NOT BE INSTALLED SO ONLY ONE GENERATOR OR MAINTENANCE BYPASS CHANNEL LOAD BANK BREAKER CAN BE CLOSED AT A SINGLE TIME.
- DISCONNECT AND VFD PROVIDED WITH EQUIPMENT BY MANUFACTURER.
- DISCONNECT PROVIDED WITH EQUIPMENT BY MANUFACTURER.
- 480V/30A FUSED AT 25A/NY
- LOAD BANK CAN LOCK CONNECTIONS PROVIDED WITH SWITCHGEAR AND CONDUIT AS REQUIRED.
- PROVIDE 24V CONNECTION TO METER FROM BMP PANEL. PROVIDE CABLE AND CONDUIT AS REQUIRED.
- PROVIDE PC INTERLOCK CABLING BETWEEN BREAKER TRANSFER PANELS REQUIRED. PROVIDE 24V CONNECTION TO PLC CONTROLLER FROM BMP PANEL LOCATED IN THE ELECTRICAL ROOM. PROVIDE CABLE AND CONDUIT AS REQUIRED.



1 ELECTRICAL PARTIAL ONE-LINE DIAGRAM - PP2D - BLOCK B
SCALE: NOT TO SCALE

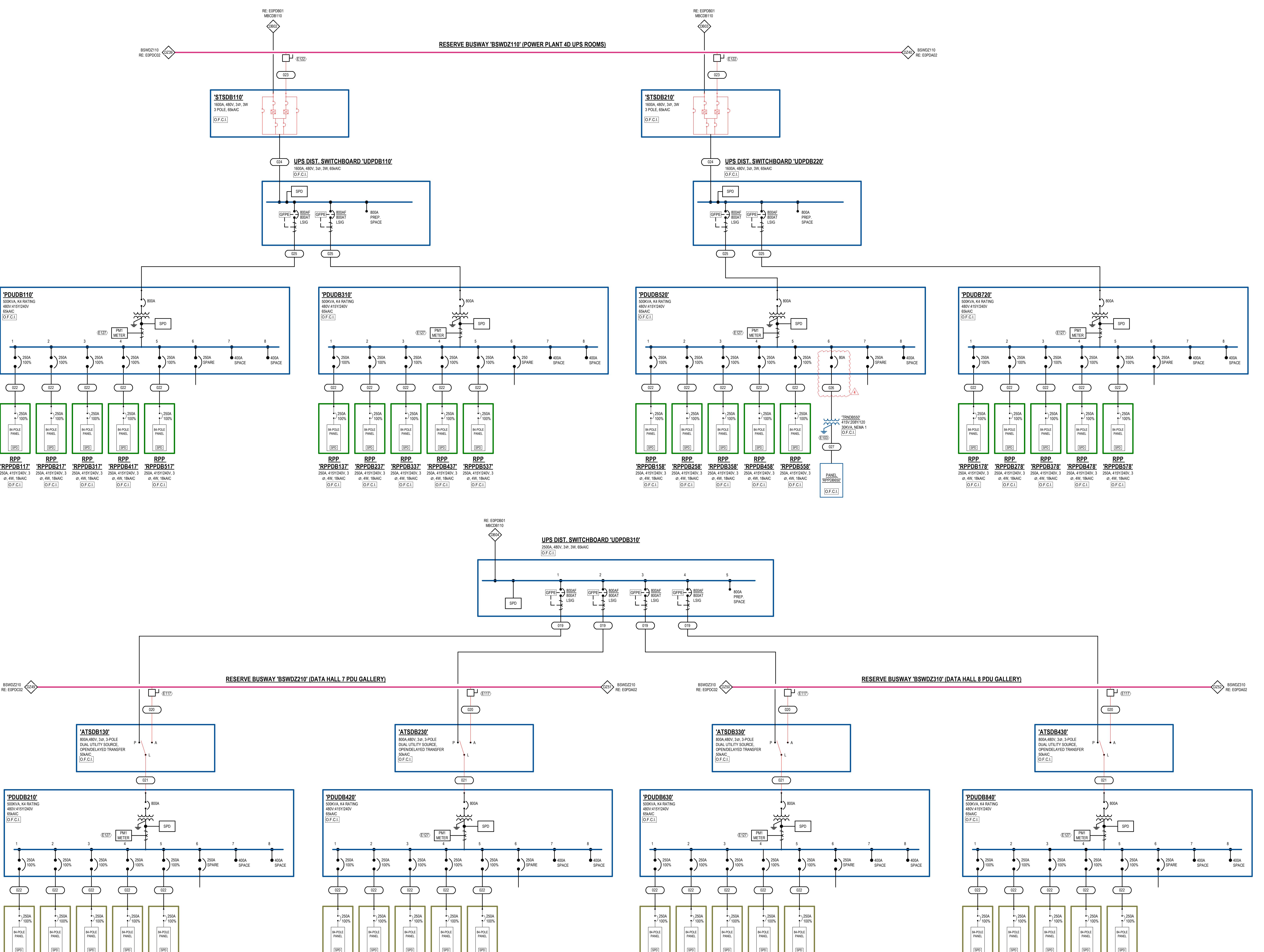
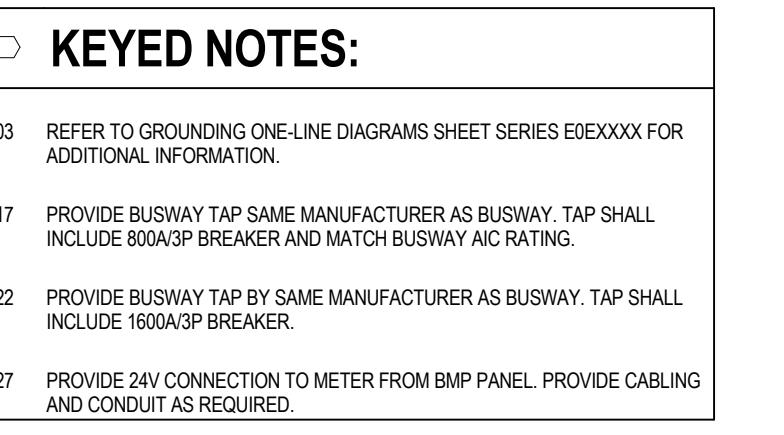
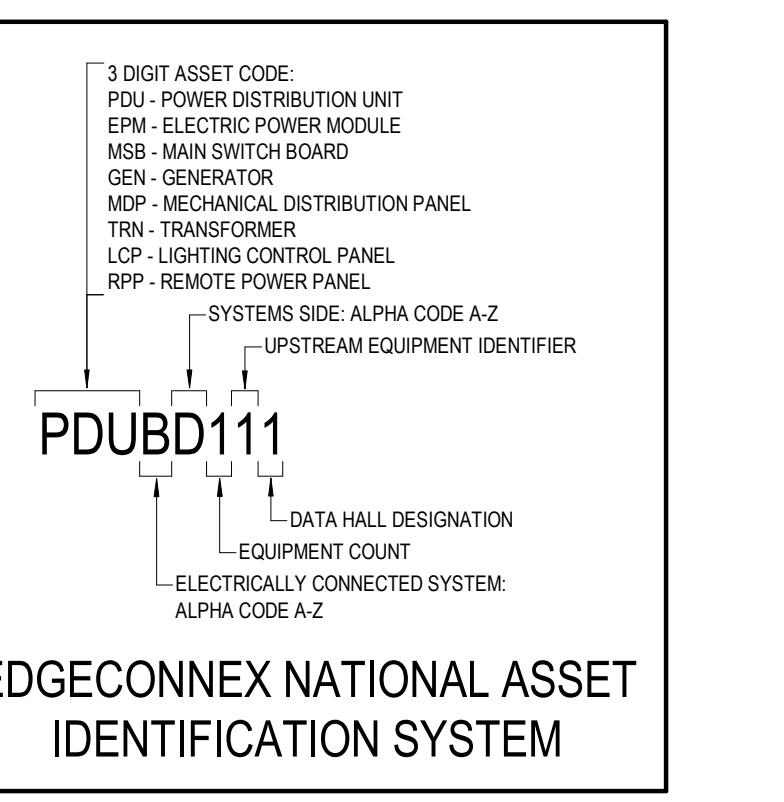
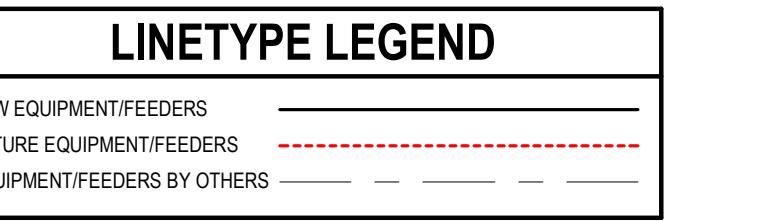
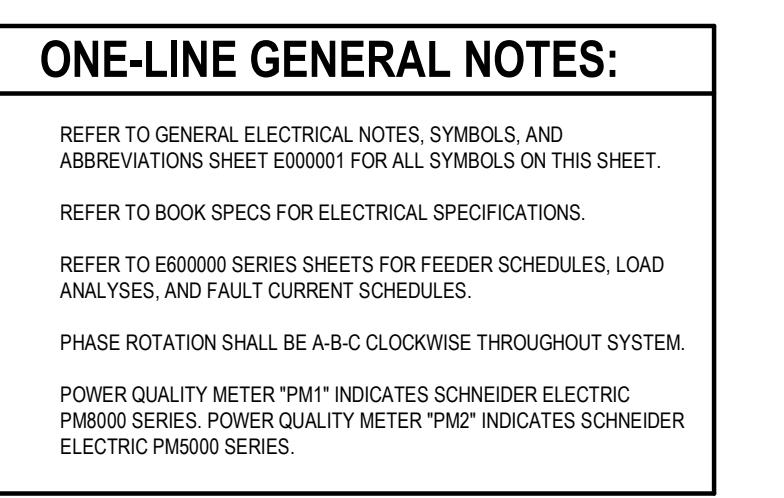
ISSUES & REVISIONS		
NO	DATE	DESCRIPTION
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2	07.24.2024	CITY COMMENTS
3	09.06.2024	ADDENDUM 01



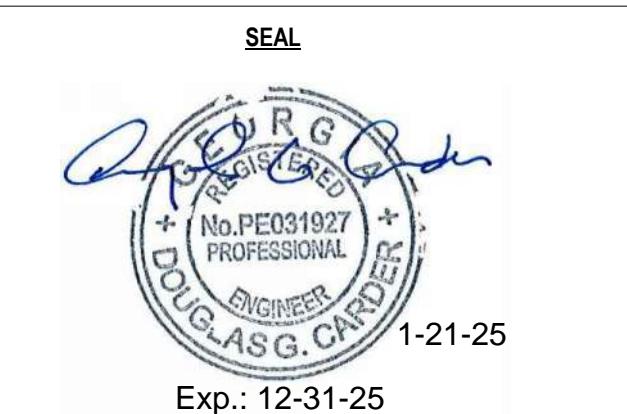
**ELECTRICAL ONE-LINE
DIAGRAM - PP2D - BLOCK B**

DRAWN: LIS
REVISED: DDC
PROJECT NO.: C230
EOPDB01
SHEET NO.

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



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4	01.21.2025	ADDENDUM 02



ELECTRICAL ONE-LINE
DIAGRAM - PP2D - BLOCK B

DRAWN: LIS
REVISED: DDC
PROJECT NO.: C230
EOPDB02
SHEET NO.

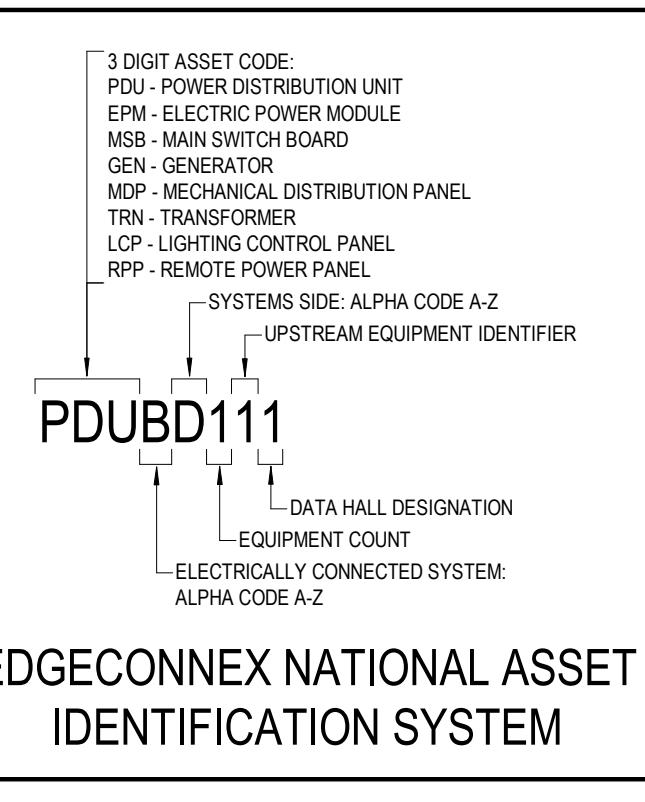
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- REFER TO BOOK SPEC FOR ELECTRICAL SPECIFICATIONS.
- REFER TO E00000 SERIES MEETS FOR FEEDER SCHEDULES, LOAD ANALYSIS, AND FAULT CURRENT SCHEDULES.
- PHASE ROTATION MUST BE A-B-C CLOCKWISE THROUGHOUT SYSTEM
- POWER ROTATION INDICATES SCHNEIDER ELECTRIC PDU SERIES. POWER QUALITY METER "PM2" INDICATES SCHNEIDER ELECTRIC PM0000 SERIES

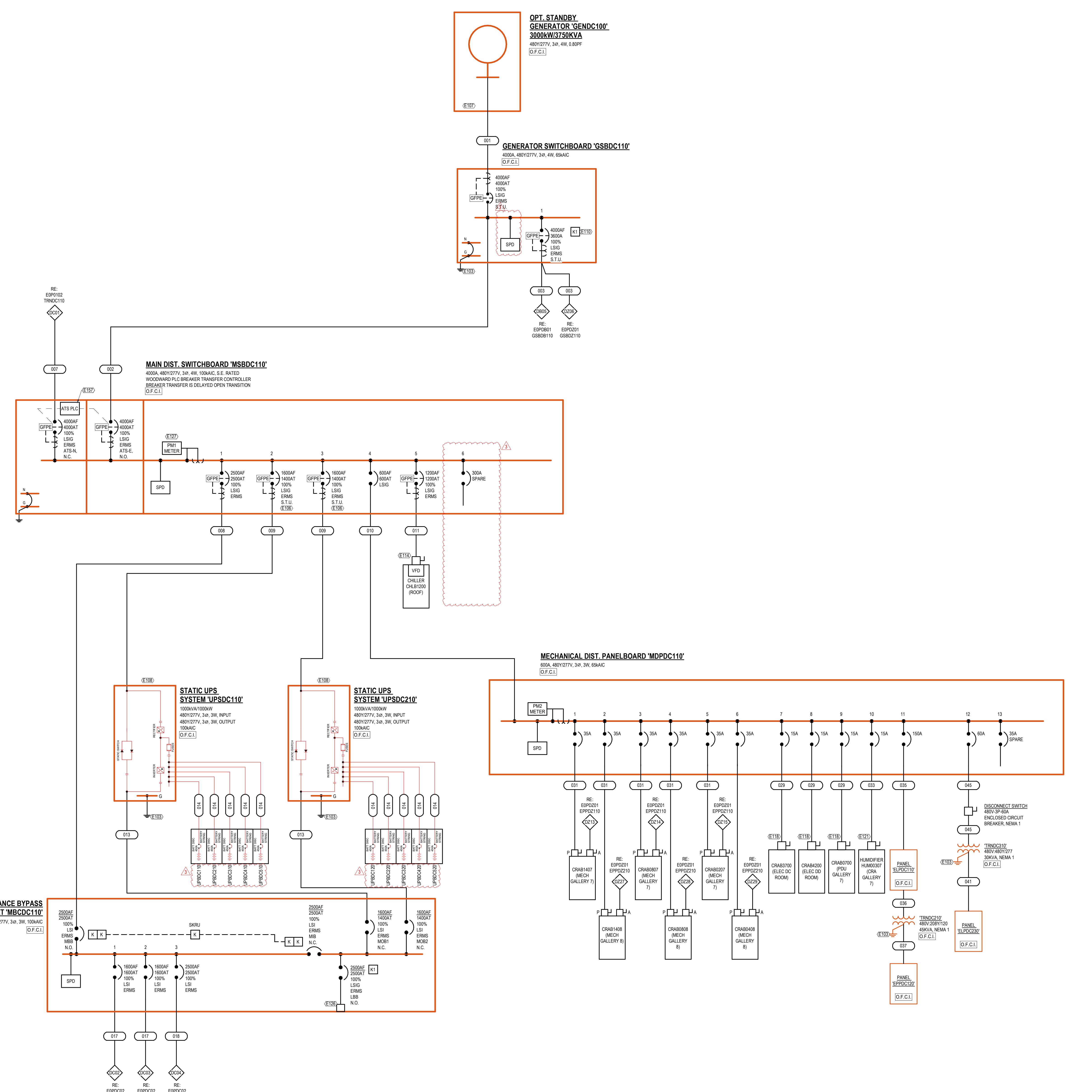
LINETYPE LEGEND

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



KEYED NOTES:

- REFER TO GROUNDING ONE-LINE DIAGRAMS SHEET SERIES E00XXX FOR ADDITIONAL INFORMATION.
- PROVIDE 120V CONNECTION FROM UPS TO SHUNT-Trip BREAKER.
- PROVIDE GENERATOR START CONTROL WIRING PER DETAIL E150004.
- GENERATOR AND MAINTENANCE BYPASS CABINET LOAD BANK BREAKER SHOULD NOT BE INSTALLED SO ONLY ONE GENERATOR OR MAINTENANCE BYPASS CHANNEL LOAD BANK BREAKER CAN BE CLOSED AT A SINGLE TIME.
- DISCONNECT AND VFD PROVIDED WITH EQUIPMENT BY MANUFACTURER.
- DISCONNECT PROVIDED WITH EQUIPMENT BY MANUFACTURER.
- 480V/3A FUSED AT 25A/NY.
- LOAD BANK CAN LOCK CONNECTIONS PROVIDED WITH SWITCHGEAR AND CONDUIT AS REQUIRED.
- PROVIDE 24V CONNECTION TO METER FROM BIM PANEL. PROVIDE CABLE AND CONDUIT AS REQUIRED.
- PROVIDE IN CINTERLOCK CABLES BETWEEN BREAKER TRANSFER PANELS REQUIRED. PROVIDE 24V CONNECTION TO PLC CONTROLLER FROM BIM PANEL LOCATED IN THE ELECTRICAL ROOM. PROVIDE CABLE AND CONDUIT AS REQUIRED.

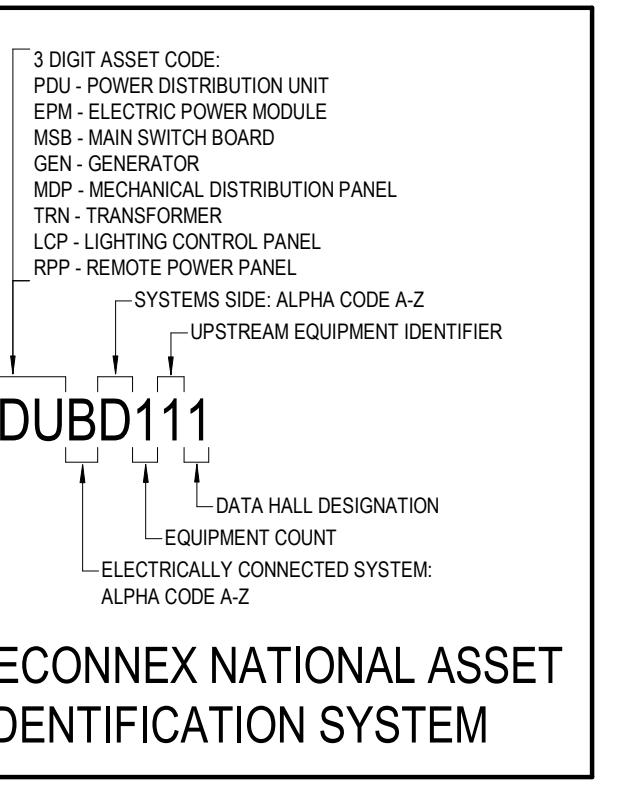


ONE-LINE GENERAL NOTES:

- 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 ROTATION SHOULD INDICATE SCHNEIDER ELECTRIC PM2000 POWER QUALITY METER PM2 INDICATES SCHNEIDER ELECTRIC PM2000 SERIES.

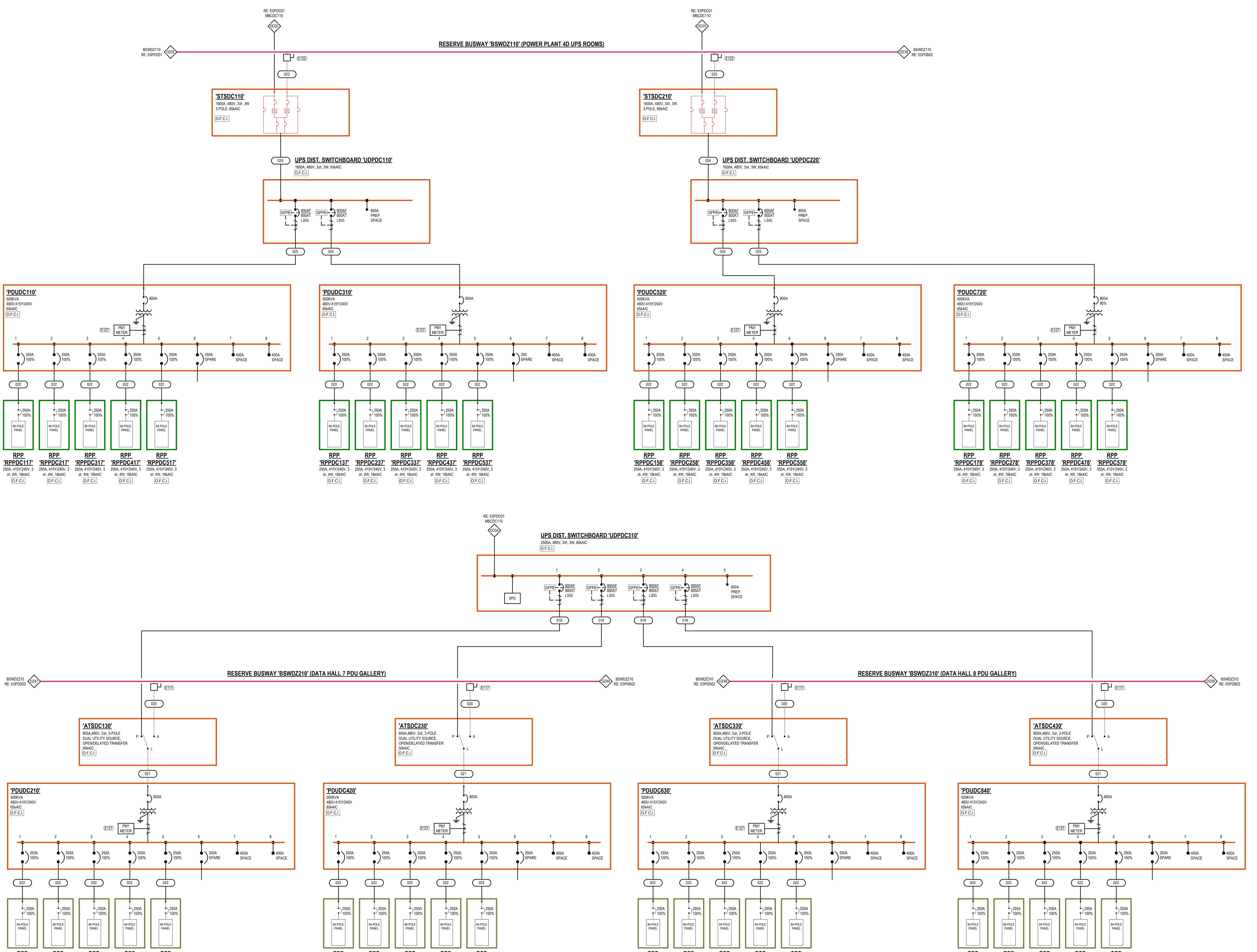
LINETYPE LEGEND

NEW EQUIPMENT FEEDERS
FUTURE EQUIPMENT FEEDERS
EQUIPMENT FEEDERS BY OTHERS

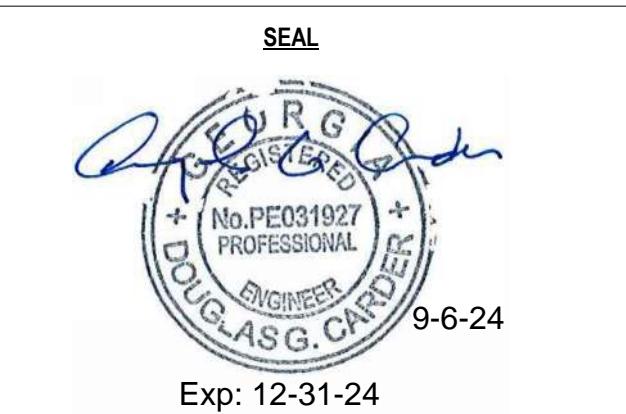


KEYED NOTES:

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/400A 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 - PP2D - BLOCK C**

DRAWN: LIS
REVISED: DGC
PROJECT NO.: E0PDC02
SHEET NO.: E0PDC02

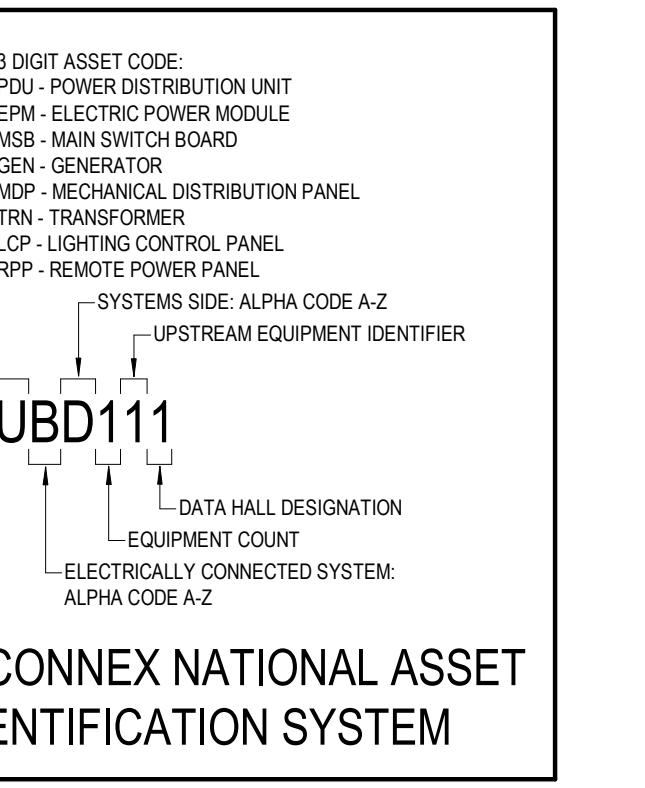
PROPRIETARY. NOT FOR DISCLOSURE OR USE WITHOUT THE WRITTEN CONSENT OF BURR COMPUTER ENVIRONMENTS, INC.

ONE-LINE GENERAL NOTES:

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

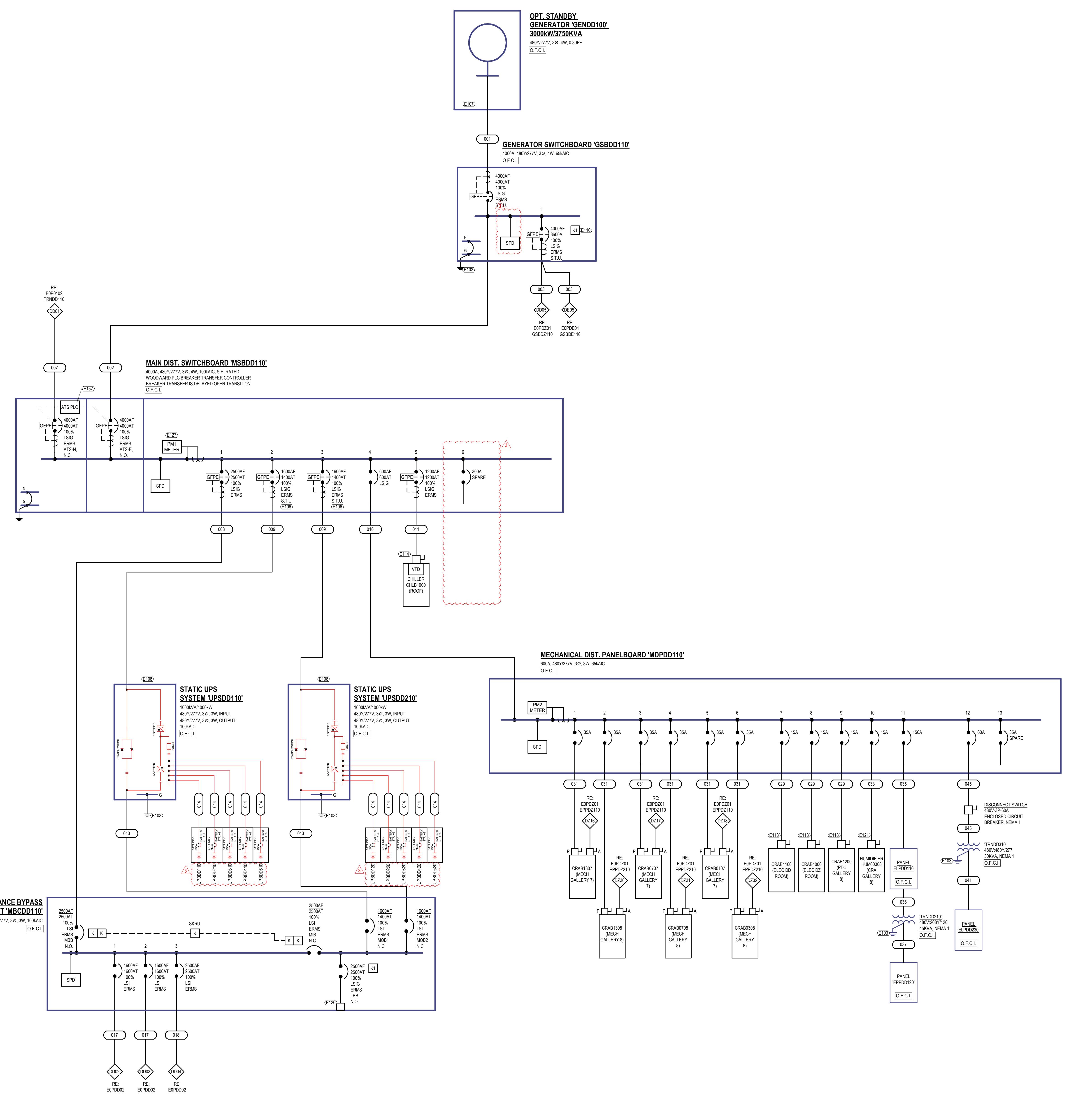
LINETYPE LEGEND:

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



KEYED NOTES:

- REFER TO GROUNDING ONE-LINE DIAGRAMS SHEET SERIES E00XXX FOR ADDITIONAL INFORMATION.
- PROVIDE 120V CONNECTION FROM UPS TO SHUNT-Trip BREAKER.
- PROVIDE GENERATOR START CONTROL WIRING PER DETAIL 1E50004.
- PROVIDE UPS INTERCONNECT CONTROL WIRING PER DETAIL 1E50004.
- GENERATOR AND MAINTENANCE BYPASS CABINET LOAD BANK BREAKER SHOULD NOT BE INSTALLED SO ONLY ONE GENERATOR OR MAINTENANCE BYPASS CHANNEL LOAD BANK BREAKER CAN BE CLOSED AT A SINGLE TIME.
- DISCONNECT AND VFD PROVIDED WITH EQUIPMENT BY MANUFACTURER.
- DISCONNECT PROVIDED WITH EQUIPMENT BY MANUFACTURER.
- 480V/30A FUSED AT 25A/NY
- LOAD BANK CAN LOCK CONNECTIONS PROVIDED WITH SWITCHGEAR AND CONDUIT AS REQUIRED.
- PROVIDE 24V CONNECTION TO METER FROM BIM PANEL. PROVIDE CABLE AND CONDUIT AS REQUIRED.
- PROVIDE IN CINTERLOCK CABLING BETWEEN BREAKER TRANSFER PANELS REQUIRED. PROVIDE 24V CONNECTION TO PLC CONTROLLER FROM BIM PANEL LOCATED IN THE ELECTRICAL ROOM. PROVIDE CABLE 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 ROTATION SHOULD INDICATE SCHNEIDER ELECTRIC PWR SERIES, POWER QUALITY METER "PM2" INDICATES SCHNEIDER ELECTRIC PM2000 SERIES

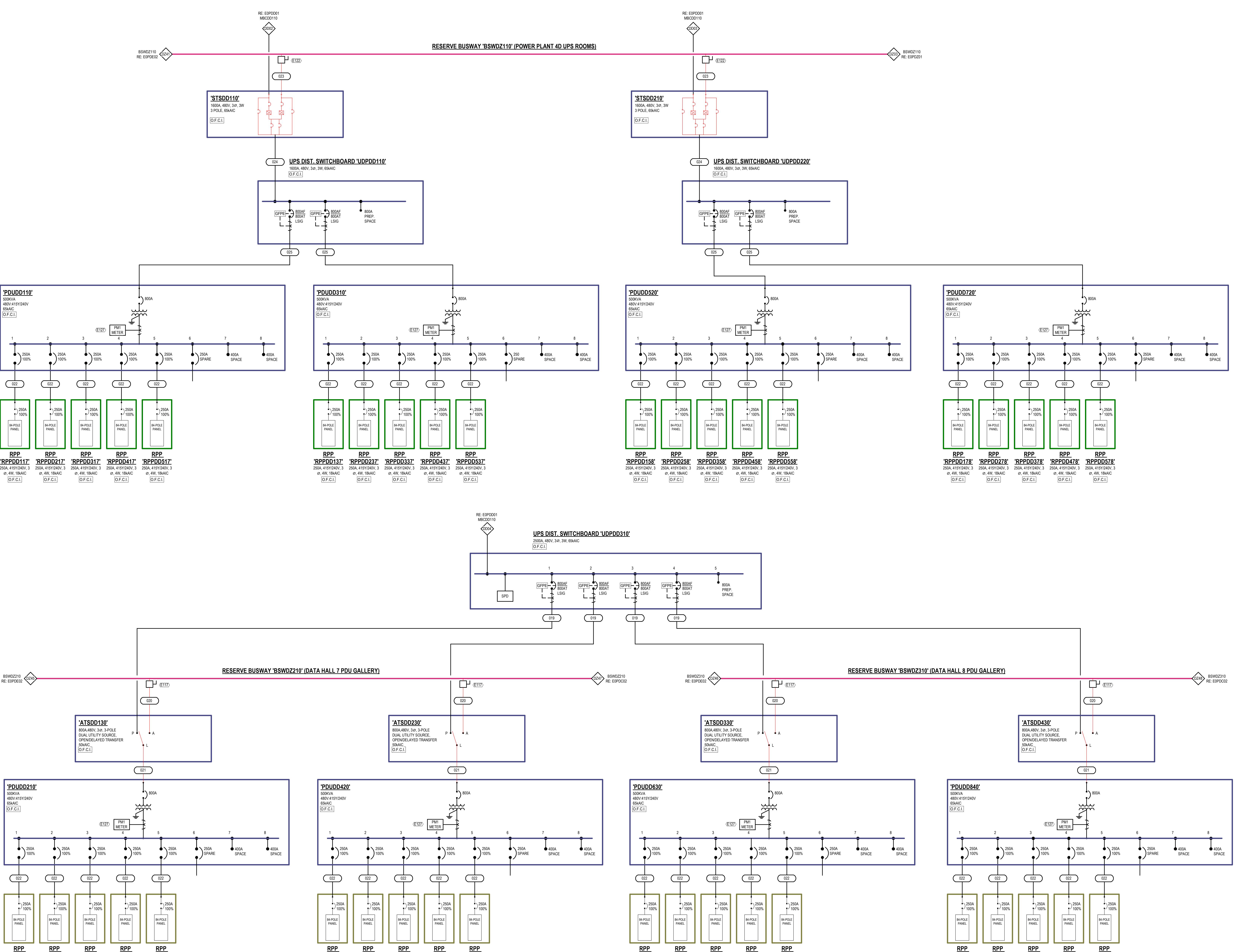
LINETYPE LEGEND

NEW EQUIPMENT FEEDERS	(E12)
FUTURE EQUIPMENT FEEDERS
EQUIPMENT FEEDERS BY OTHERS	—

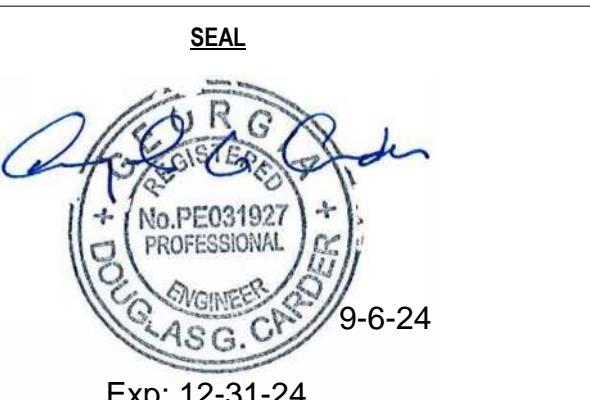
EDGECONNEX NATIONAL ASSET IDENTIFICATION SYSTEM

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/300A BREAKERS.
E121	PROVIDE 24 CONNECTION TO METERS 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



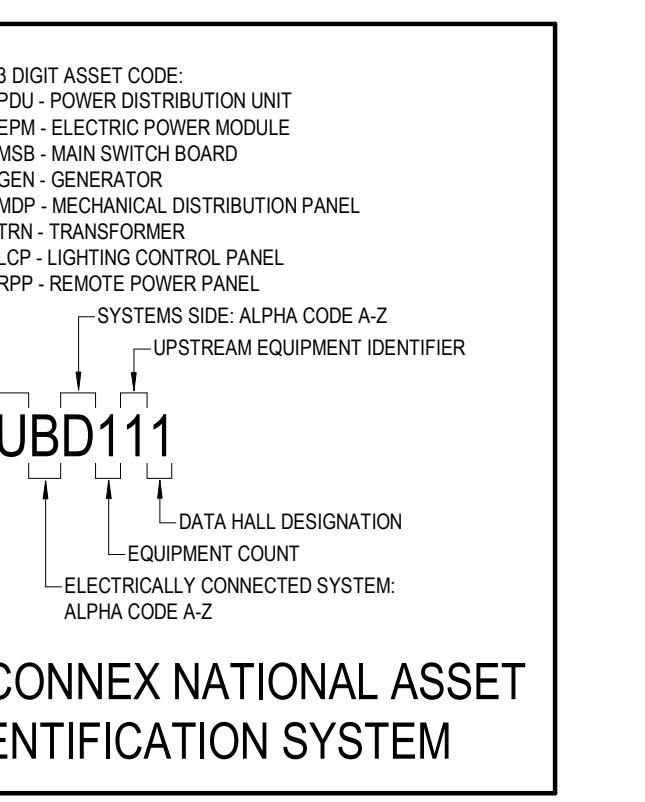
**ELECTRICAL ONE-LINE
DIAGRAM - PP2D - BLOCK D**

DRAWN: LIS
REVISED: DGC
PROJECT NO.: C220
SHEET NO.: EOPDD02

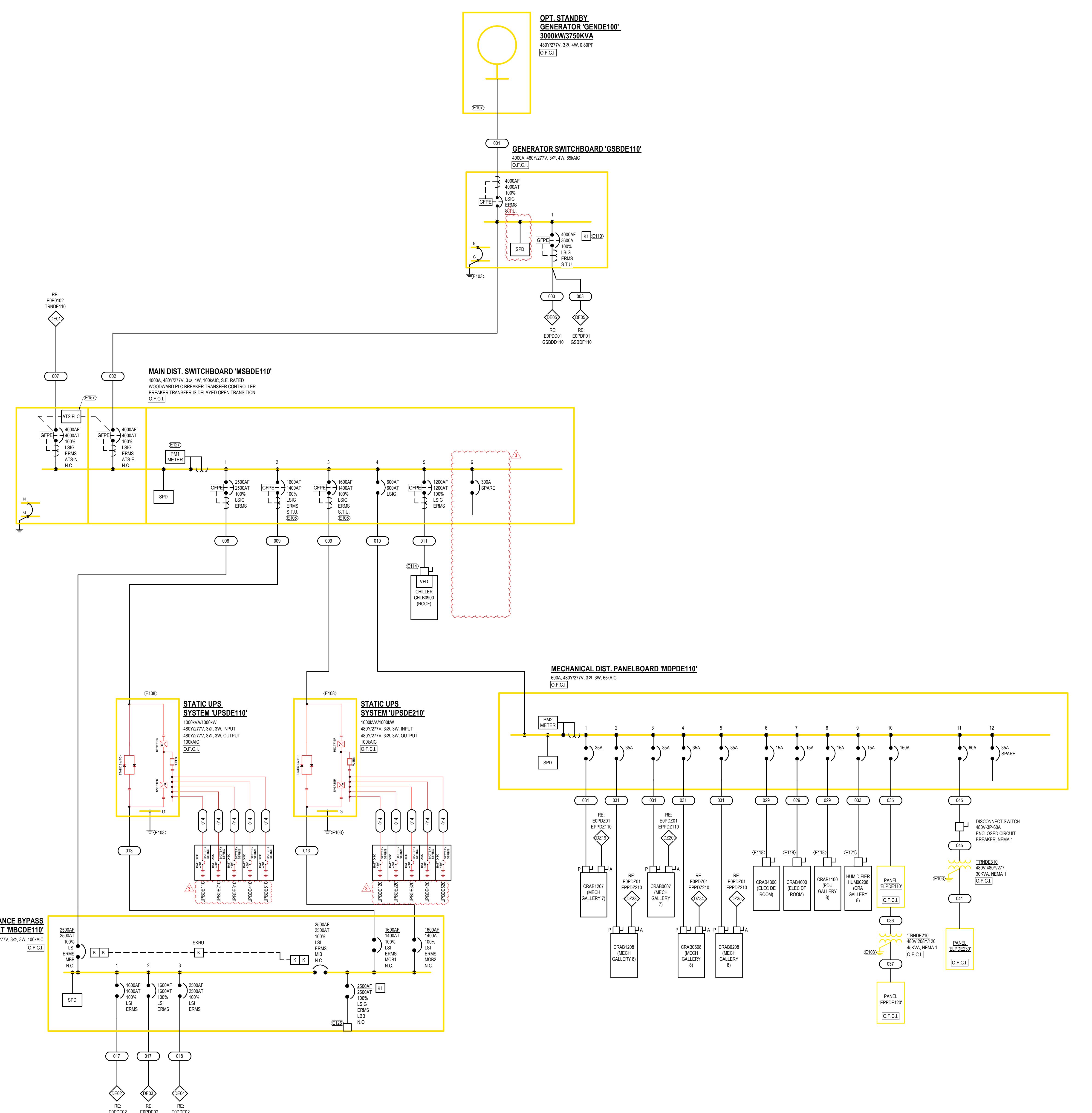
PROPRIETARY. NOT FOR DISCLOSURE OR USE WITHOUT THE WRITTEN CONSENT OF BURR COMPUTER ENVIRONMENTS, INC.

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.	POWER ROTATION DIRECTION BE A-B-C CLOCKWISE THROUGHOUT SYSTEM
5.	POLARITY INDICATOR - INDICATES SCHNEIDER ELECTRIC PDU SERIES. POWER QUALITY METER "PM2" INDICATES SCHNEIDER ELECTRIC PM0000 SERIES

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

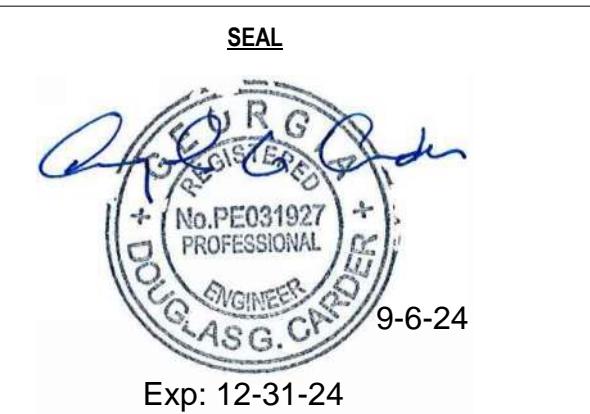


KEYED NOTES:	
E103	REFER TO GROUNDING ONE-LINE DIAGRAMS SHEET SERIES E00XXX FOR ADDITIONAL INFORMATION.
E105	PROVIDE 120V CONNECTION FROM UPS TO SHUNT-Trip BREAKER
E107	PROVIDE GENERATOR START CONTROL WIRING PER DETAIL 1E50004.
E108	PROVIDE UPS INTERCONNECT CONTROL WIRING PER DETAIL 1E50004.
E110	GENERATOR AND MAINTENANCE BYPASS CABINET LOAD BANK BREAKER SHOULD NOT BE INSTALLED SO ONLY ONE GENERATOR OR MAINTENANCE BYPASS CHANNEL 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/3A FUSED AT 25A/NY
E126	LOAD BANK CAN LOCK CONNECTIONS PROVIDED WITH SWITCHGEAR AND CONDUIT AS REQUIRED.
E127	PROVIDE 24V CONNECTION TO METER FROM BIM PANEL. PROVIDE CABLE AND CONDUIT AS REQUIRED.
E151	PROVIDE IN CINTERLOCK CABLING BETWEEN BREAKER TRANSFER PANELS REQUIRED. PROVIDE JAV CONNECTION TO PLC CONTROLLER FROM BIM PANEL LOCATED IN THE ELECTRICAL ROOM. PROVIDE CABLE AND CONDUIT AS REQUIRED.



1 ELECTRICAL PARTIAL ONE-LINE DIAGRAM - PP2D - BLOCK E
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 - PP2D - BLOCK E

DRAWN: LIS
REVISED: DDC
PROJECT NO.: C2370

SHEET NO.
EOPDE01

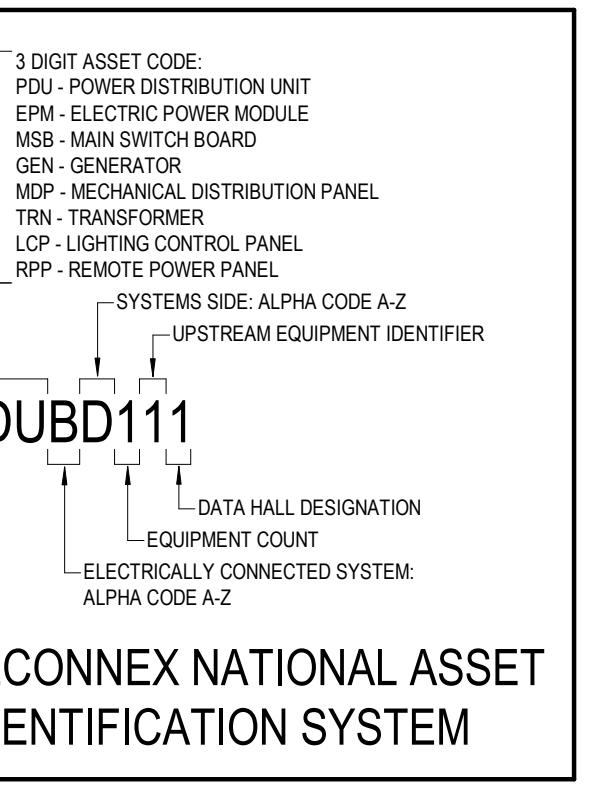
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- REFER TO BOOK SPECS FOR ELECTRICAL SPECIFICATIONS.
- REFER TO E00000 SERIES MEETS FOR FEEDER SCHEDULES, LOAD ANALYSIS, AND FAULT CURRENT SCHEDULES.
- POWER ROTATION DIRECTION BE A-B-C CLOCKWISE THROUGHOUT SYSTEM
- PHASE ROTATION INDICATOR - INDICATES SCHNEIDER ELECTRIC PDU SERIES. POWER QUALITY METER - PM2 INDICATES SCHNEIDER ELECTRIC PM0000 SERIES

LINETYPE LEGEND:

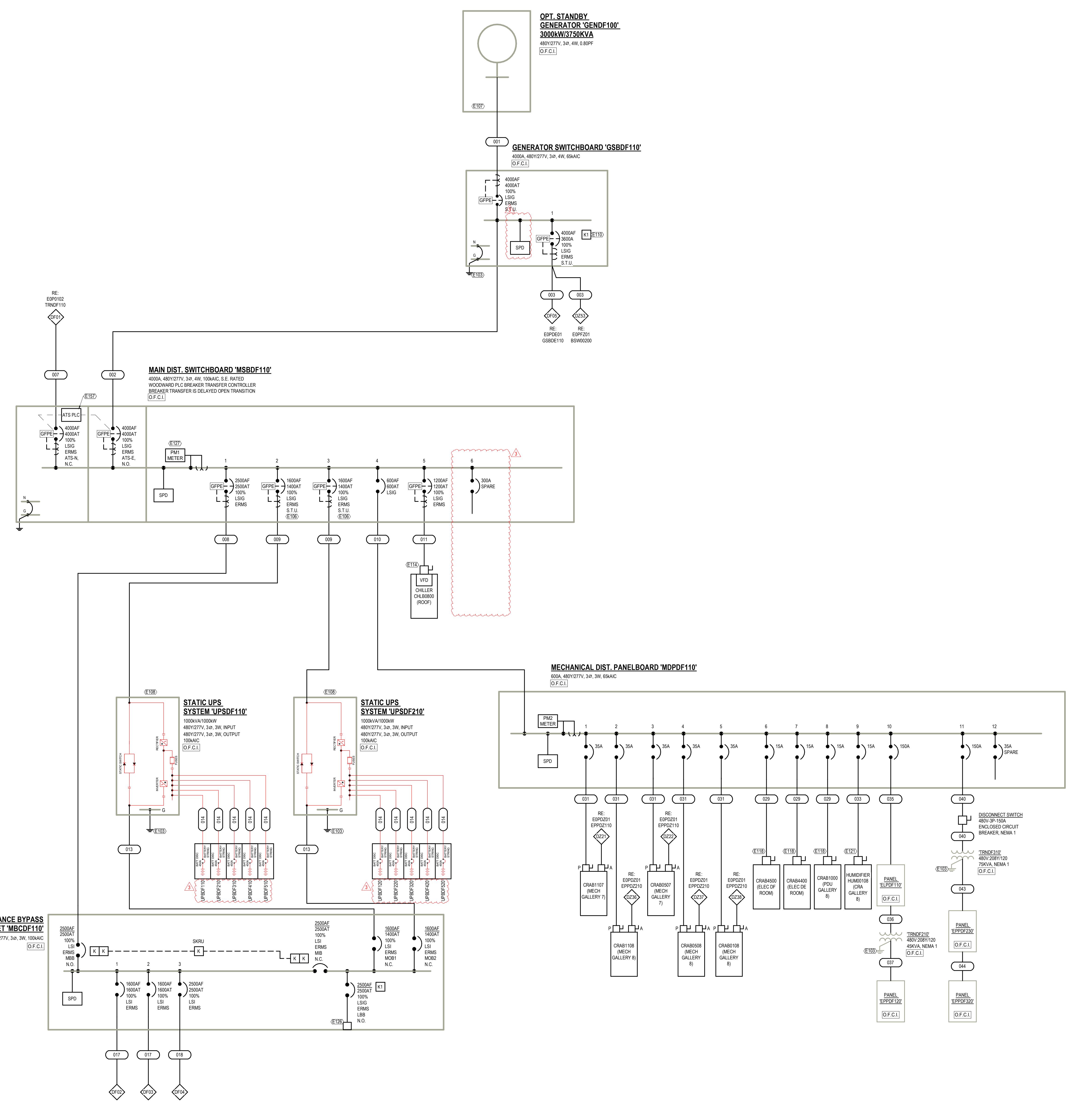
NEW EQUIPMENT/FEEDERS	—
FUTURE EQUIPMENT/FEEDERS
EQUIPMENT/FEEDERS BY OTHERS	- - -



EDGECONNEX NATIONAL ASSET IDENTIFICATION SYSTEM

KEYED NOTES:

E103 REFER TO GROUNDING ONE-LINE DIAGRAMS SHEET SERIES E0EXXX FOR ADDITIONAL INFORMATION.
E105 PROVIDE 120V CONNECTION FROM UPS TO SHUNT-Trip BREAKER.
E107 PROVIDE GENERATOR START CONTROL WIRING PER DETAIL E1E0004.
E108 PROVIDE UPS INTERCONNECT CONTROL WIRING PER DETAIL E1E0004.
E110 GENERATOR AND MAINTENANCE BYPASS CABINET LOAD BANK BREAKER SHOULD NOT BE REINSTATED UNTIL ONLY ONE GENERATOR OR MAINTENANCE BYPASS CHANNEL LOAD BANK BREAKER CAN BE CLOSED AT A SINGLE TIME.
E114 DISCONNECT AND VFD PROVIDED WITH EQUIPMENT BY MANUFACTURER.
E116 DISCONNECT PROVIDED WITH EQUIPMENT BY MANUFACTURER.
E121 480V/3A FUSED AT 25A/NY.
E126 LOAD BANK CAN LOCK CONNECTIONS PROVIDED WITH SWITCHGEAR AND CONDUIT AS REQUIRED.
E127 PROVIDE 24V CONNECTION TO METER FROM BIM PANEL. PROVIDE CABLE AND CONDUIT AS REQUIRED.
E151 PROVIDE IN CINTERLOCK CABLING BETWEEN BREAKER TRANSFER PANELS REQUIRED. PROVIDE 24V CONNECTION TO PLC CONTROLLER FROM BIM PANEL LOCATED IN THE ELECTRICAL ROOM. PROVIDE CABLE AND CONDUIT AS REQUIRED.

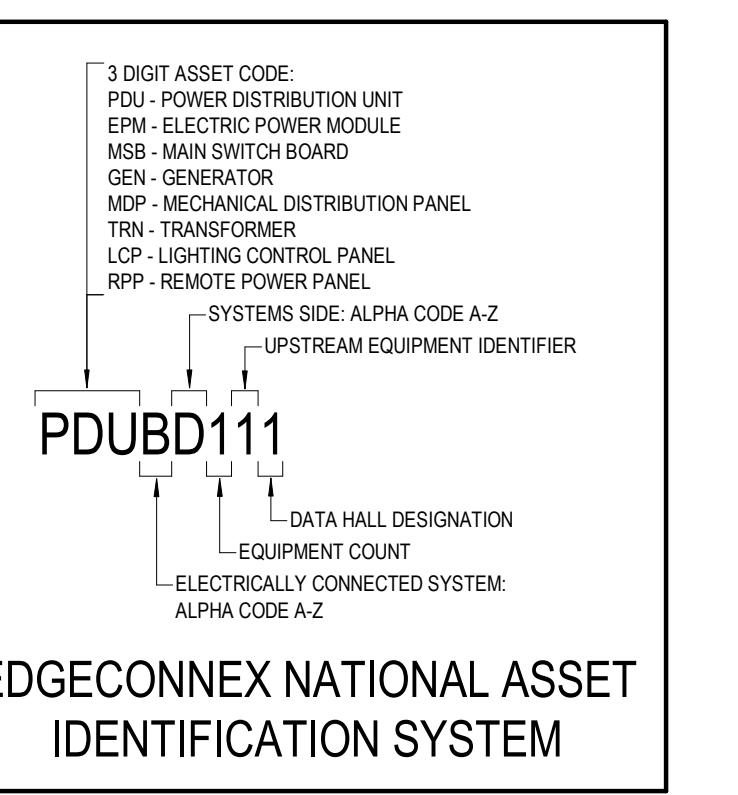


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- REFER TO E00000 SERIES SHEETS FOR FEEDER SCHEDULES, LOAD ANALYSIS, AND FAULT CURRENT SCHEDULES.
- PHASE ROTATION SHOULD BE A-B-C CLOCKWISE THROUGHOUT SYSTEM
- POWER ROTATION SHOULD INDICATE SCHNEIDER ELECTRIC PM2000 POWER QUALITY METER PM2 INDICATES SCHNEIDER ELECTRIC PM2000 SERIES

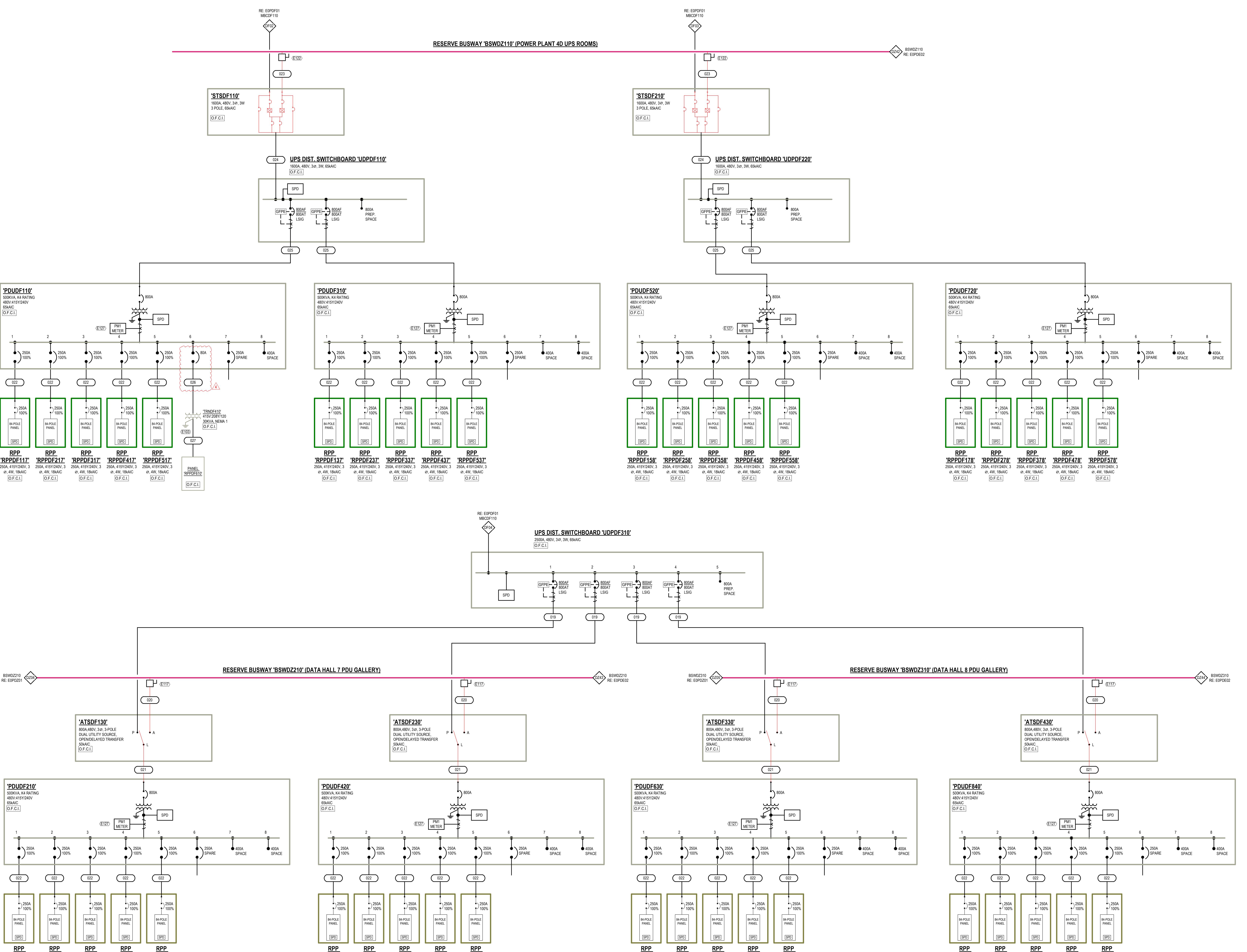
LINETYPE LEGEND

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

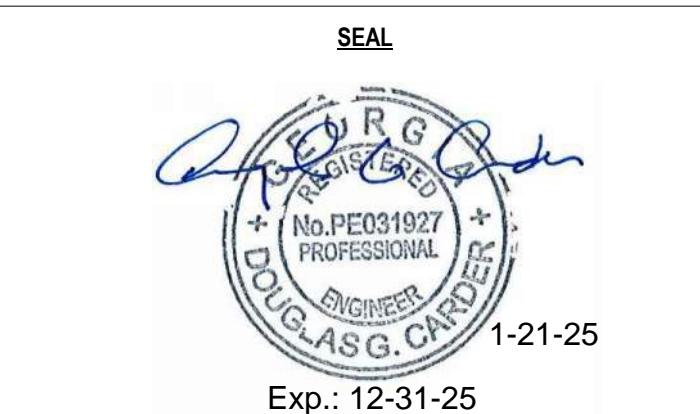


KEYED NOTES:

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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.



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ELECTRICAL ONE-LINE
DIAGRAM - PP2D - BLOCK F

DRAWN: LIS
REVISED: DDC
PROJECT NO.: C230
EOPDF02

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

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- 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 E000000 SERIES MEETS FOR FEEDER SCHEDULES, LOAD ANALYSIS, AND FAULT CURRENT SCHEDULES.
- PHASE ROTATION SHALL BE A-B-C CLOCKWISE THROUGHOUT SYSTEM
- PHASE ROTATION INDICATES SCHNEIDER ELECTRIC PME2 POWER QUALITY METER PME2 INDICATES SCHNEIDER ELECTRIC PMW0000 SERIES

LINETYPE LEGEND:

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

EDGECONNEX NATIONAL ASSET IDENTIFICATION SYSTEM

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graph TD
    PDUBD111[PDUBD111] --> DATA_HILL[DATA HILL DESIGNATION]
    PDUBD111 --> EQUIPMENT_COUNT[EQUIPMENT COUNT]
    PDUBD111 --> ALPHA_CODE_A2[ALPHA CODE A-2]
    PDUBD111 --> USTREAM_EQUIPMENT_IDENTIFIER[USTREAM EQUIPMENT IDENTIFIER]
  
```

KEYED NOTES:

E103 REFER TO GROUNDING ONE-LINE DIAGRAMS SHEET SERIES E00XXX FOR ADDITIONAL INFORMATION.

E104 PROVIDE 120V CONNECTION FROM UPS TO SHUNT-TRIP BREAKER.

E107 PROVIDE GENERATOR START CONTROL WIRING PER DETAIL 1E00004.

E108 PROVIDE UPS INTERCONNECT CONTROL WIRING PER DETAIL 1E00004.

E110 GENERATOR AND MAINTENANCE BYPASS CABINET LOAD BANK BREAKER KIRK KEYS FURNISHED WITH GEAR. KIRK KEYS SHALL BE INSTALLED SO ONLY ONE KEY IS REQUIRED TO OPEN THE CABINET. LOAD BANK BREAKER CAN BE CLOSED AT A SINGLE TIME.

E114 DISCONNECT AND VFD PROVIDED WITH EQUIPMENT BY MANUFACTURER.

E115 PROVIDE BREAKER WITH ELECTRONIC TRIP COMMUNICATION MODULE.

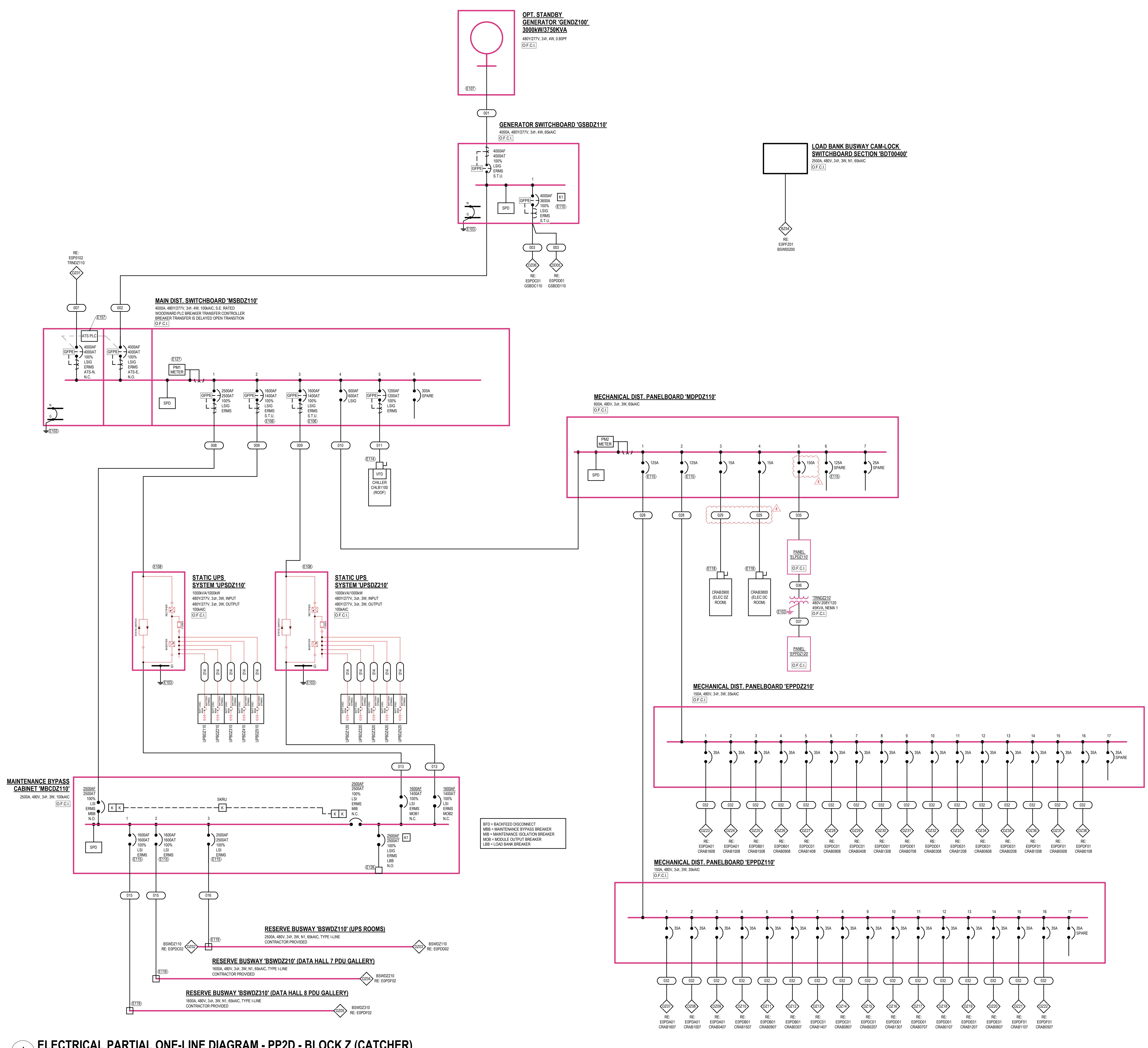
E116 DISCONNECT PROVIDED WITH EQUIPMENT BY MANUFACTURER.

E119 END OR CENTER FEED CABLE CONNECTION BOX, TYPICAL WHERE SHOWN AT BUSWAY.

E120 LOAD BANK CAN LOCK CONNECTIONS PROVIDED WITH SWITCHGEAR AND FACTORY PROVIDED BY MANUFACTURER.

E127 PROVIDE 24V DC POWER CONNECTION TO METER FROM BIM PANEL. PROVIDE CABLE ROUTING AS REQUIRED.

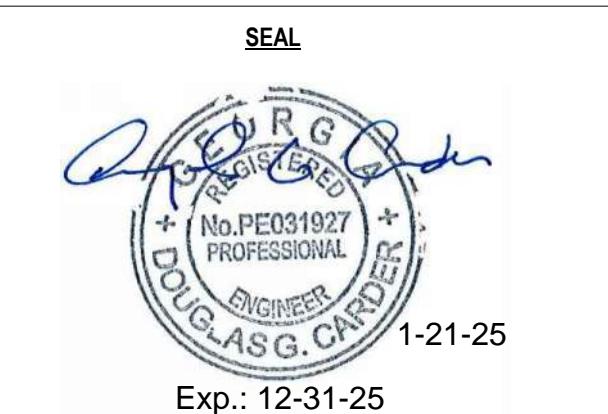
E157 PROVIDE PLC INTERLOCK CABLE BETWEEN BREAKER TRANSFER PANELS AS REQUIRED. PROVIDE AV CONNECTION TO PLC CONTROLLER FROM BIM PANEL LOCATED IN UPS ELECTRICAL ROOM. PROVIDE CABLES AND CONNEXIONS AS REQUIRED.



1 ELECTRICAL PARTIAL ONE-LINE DIAGRAM - PP2D - BLOCK Z (CATCHER)

SCALE: NOT TO SCALE

ISSUES & REVISIONS		
NO	DATE	DESCRIPTION
1	05.21.2024	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 - PP2D - BLOCK Z

DRAWN: LIS
REVISED: DDC
PROJECT NO.: E0PDZ01
SHEET NO.

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