

DATE: March 5, 2026

DEPARTMENT OF GENERAL SERVICES
BUREAU OF CAPITAL PROJECT DESIGN MANAGEMENT
1800 HERR STREET
HARRISBURG, PENNSYLVANIA

ADDENDUM NO. 3

on

PROJECT NO. DGS C-0576-0012 PHASE 001
PROJECT TITLE - SCI Chester - Electrical Upgrades

PROFESSIONAL:

H.F. Lenz Co.
1407 Scalp Avenue
Johnstown, Pennsylvania, 15904

If you submitted a bid prior to this Addendum being issued, your bid has been discarded and you must re-submit your bid(s) prior to the bid opening date and time.

ADMINISTRATIVE CHANGES – ALL CONTRACTS

Item 1 - N/A

SPECIFICATION CHANGES – ALL CONTRACTS

Item 1 - N/A

DRAWING CHANGES – ALL CONTRACTS

Item 1 - The following attached drawings are being re-issued, with changes indicated

1. Drawings E-101, E-102, E-103, E-104, E-105, E-501, E-502, E-503: Voltage feeding 'EX 15KV SWGR' revised to read: "EX UTILITY FROM PECO 13.2/7.62KV"
2. Drawing E-102: Reference markers on 1/E-102 revised to reference drawing E-102.
3. Drawing E-301:

Added existing equipment to roof.

Added Keynote 1 to 1/E-301:

"DISCONNECT EXISTING EQUIPMENT. MAINTAIN EXISTING BRANCH CIRCUIT SERVING EQUIPMENT FOR REINSTALLATION. EXISTING BRANCH CIRCUIT MAY BE REMOVED BACK TO A CONVENIENT LOCATION FOR INTERCEPT AND EXTENSION."

Added Keynote 2 to 2/E-301:

"INTERCEPT, EXTEND, AND RECONNECT EXISTING BRANCH CIRCUIT MAINTAINED FROM DEMOLITION WORK FOR EXISTING EQUIPMENT. SIZES AND QUANTITIES OF CONDUIT AND CONDUCTOR SHALL MATCH EXISTING."

4. Drawing E-602: Detail 6 'EMERGENCY LIGHTING INVERTER SCHEMATIC WIRING DIAGRAM' added.
5. Drawing E-702: Enclosure on SWGR 'MVDS' schedule revised to 'NEMA-3R'.
6. Drawing M-102: Added existing equipment to roof and plan note that reads: "DISCONNECT EXISTING EQUIPMENT IN ITS ENTIRETY & RENDER SAFE FOR REINSTALLATION."
7. Drawing M-202: Added existing equipment to roof and plan note that reads: "REINSTALL EXISTING EQUIPMENT"

RESPONSES TO BIDDING REQUESTS FOR INFORMATION (RFI) - ALL CONTRACTS

1. Question: The .4 Electrical bidding documents are missing

Response: Bidding documents are available on ebuilder.
2. Question: Dwg E-702 The Schedule for SwitchGear 'MVDS' lists it as Nema 1. However, it is located outdoors. Please verify the correct Nema rating.

Response: NEMA Rating revised to NEMA-3R on Drawing E-702.
3. Question: Please verify which contract is responsible for providing the temporary fencing for the trailer/laydown area.

Response: The .4 contractor is responsible for providing the temporary fencing for the trailer/laydown area.
4. Question: Please provide a detail drawing and spec for the temporary fencing to be provided for the trailer/laydown area. How many and what type of gates are required? Is barb wire required? What is the height of the fencing?

Response: Provide self-supporting 72" high galvanized steel pipe chain link fencing around the perimeter of the trailer/laydown area. Provide (2) 8' wide swinging gates with lockable latches. Barb wire is not required.
5. Question: Please clarify whether the trailer/laydown area requires a stone layer. And if so confirm which contract is responsible for providing it.

Response: The .4 contractor to provide a stone layer.
6. Question: Under Base Bid #4 the EC is responsible for replacing feeders 1A, 2A, 1B, and 2B shown on Dwg E-002, however those feeders are shown with a line break which normally implies they extend to an unspecified distance. Please provide a drawing that shows the actual locations of MDP2 and MDP3 in relation to the feeders. If a drawing showing their locations cannot be provided will the locations of both MDP's be accessible for visit at the Prebid meeting.

Response: Approximate feeder lengths of 1A, 2A, 1B, and 2B extending to MDP2 and MDP3 are as follows:
Feeder 1A: 400'
Feeder 2A: 502'
Feeder 1B: 402'
Feeder 2B: 520'
7. Question: Dwg E-102 There is a detail marker for Detail 4 on Dwg E-101 shown at the new sidecar pull box on the existing 3000kVA transformer. However, Detail 4 on Dwg E-101 is a picture of the existing main switchgear. Please advise.

Response: The callouts (detail markers) on drawing E-102 have been revised to reference the correct drawing number.

8. Question: Is it acceptable for the power for the DGS office trailer and contractor trailers to be fed from the boiler building?

Response: Power for the DGS office trailer and contractor trailer to be fed from existing PECO temporary power service pole located within the laydown area.

9. Question: Dwg E-201 Keynote 2 states, "PROVIDE TWO (2) 2200VA EMERGENCY LIGHTING INVERTERS AT THIS LOCATION. LIGHTING INVERTERS SHALL BE FLOOR MOUNTED AND STACKED, 'INV1' MOUNTED LOW AND 'INV2' MOUNTED HIGH. REFER TO DETAILS IN E600 SERIES FOR ADDITIONAL INFORMATION." However, we are not seeing a detail in the E600 series for the lighting inverters. Please advise.

Response: Added Detail 6 on Drawing E-602 "EMERGENCY LIGHTING INVERTER SCHEMATIC WIRING DIAGRAM".

10. Question: Can't find series E-100 or E-500 drawings?

Response: Bidding documents are available on ebuilder.

11. Question: Please verify that each contractor is responsible for their own dumpster.

Response: Each contractor is responsible for providing their own dumpster.

12. Question: In the interest of a complete price could you please give an estimated distance of conduit wire runs feeding loads in the prison.

Response: Approximate feeder lengths of 1A, 2A, 1B, and 2B extending to MDP2 and MDP3 are as follows:

Feeder 1A: 400'

Feeder 2A: 502'

Feeder 1B: 402'

Feeder 2B: 520'

13. Question: Single line shows 480/277 volts feeding the ex 15KV SWGR main service feed is this a typo?

Response: Drawings revised to indicate service voltage of 13.2/7.62kV.

14. Question: After reviewing addendum 2 we believe that just the Electrical 0.4 Contract bid needs to be delivered via hard copy to Harrisburg. We just want to confirm that the bid documentation submitted for all other contracts will just need to be uploaded via e-builder. Please advise.

Response: Only the .4 contract needs to be delivered via hard copy to Harrisburg.

15. Question: Please provide a list of the bid documents that are required to be submitted for the GC Contract.

Response: Refer to bid eBuilder for required bid documents to be submitted.

16. Question: Please confirm that no MBE/WBE paperwork is required for the GC portion of this contract.

Response: MBE/WBE is required only for the .4 contract on this project.

17. Question: Is the temporary fencing for the laydown area to be removed at the end of the project, or is it to be left in place?

Response: The temporary fencing for the laydown area is to be removed at the end of the project.

18. Question: Dwg E-502 shows feeders 1A, 2A, and 1B, 2B being demoed under BB#2 and BB#3. These feeders are being replaced under BB#4. Please verify that the feeders should be demoed only under BB#4.

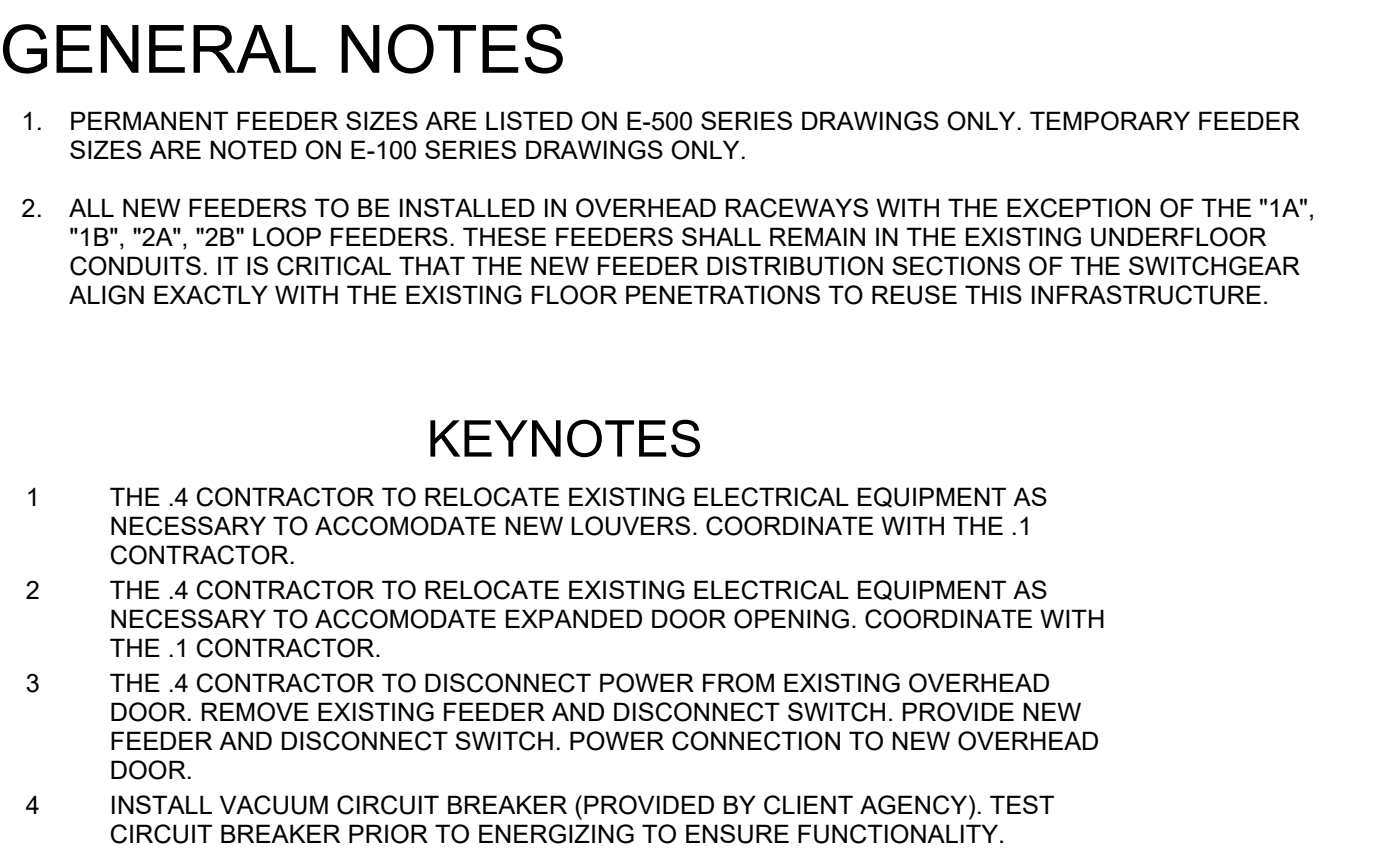
Response: Feeders 1A, 2A, and 1B, 2B should be demoed under BB#4 only.

1. Question: Dwg E-101 Keynote 4 States "INSTALL VACUUM CIRCUIT BREAKER (PROVIDED BY CLIENT AGENCY). TEST CIRCUIT BREAKER PRIOR TO ENERGIZING TO ENSURE FUNCTIONALITY." However, on Dwg E-102 Keynote 1 states "THE CLIENT AGENCY TO PROVIDE 1200A BREAKER AND INSTALL IN THE SECOND MAIN CUBICLE PRIOR TO THE START OF CONSTRUCTION." Please clarify who is responsible for the installation and testing of the client furnished breaker.

Response: The .4 contractor is responsible to test and install the client furnished vacuum circuit breaker.

2. Question: Will a second site visit for bidding contractors be scheduled?

Response: An optional second site visit is scheduled for Thursday 3/12/2026 at 9:00AM to meet with Mr. Pierce from the institution for a walkthrough. Attendees should meet at the Boiler Plant building.



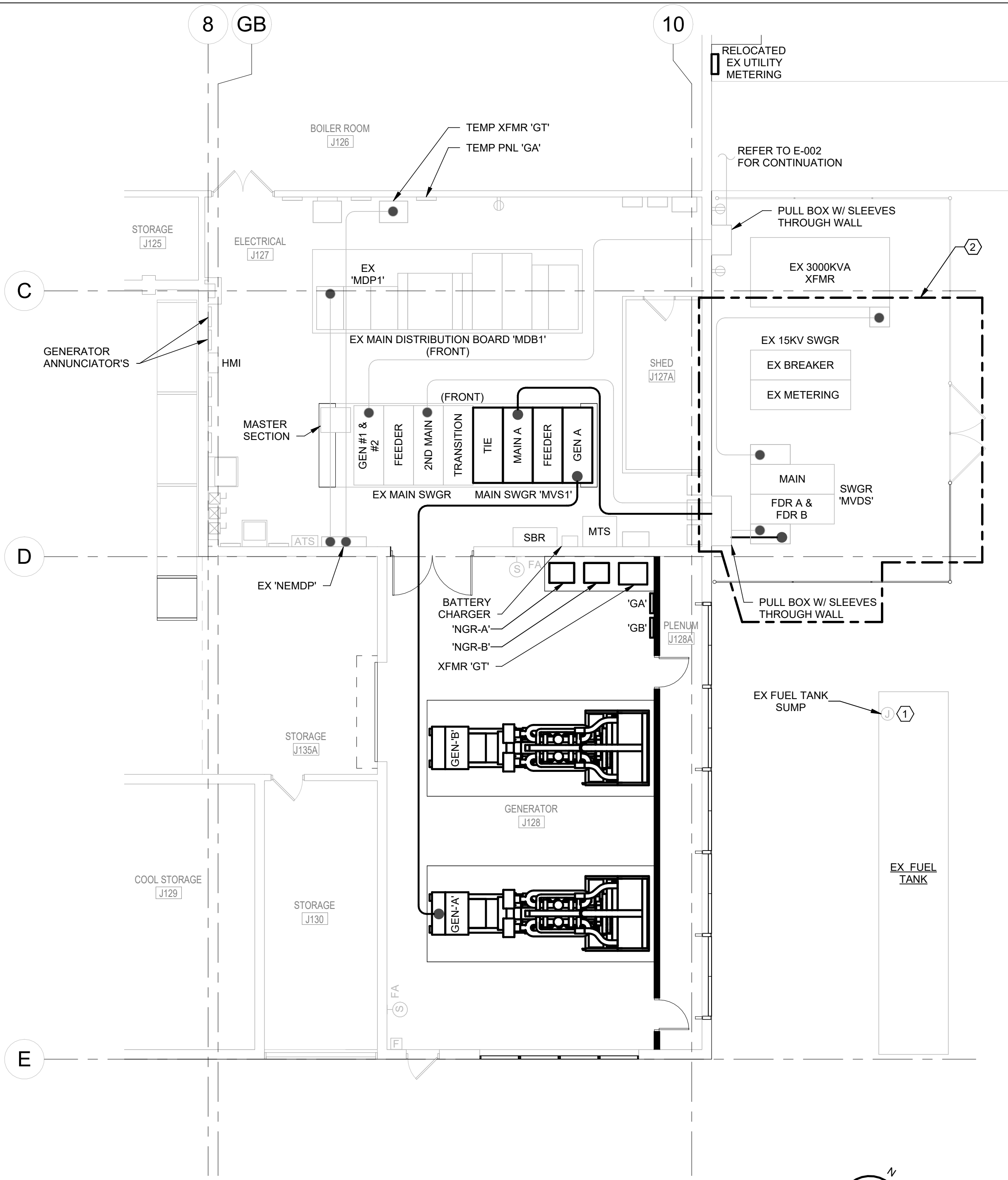
4 EXISTING MAIN SWITCHGEAR
NOT TO SCALE



6 EXISTING PARALLELING GEAR
NOT TO SCALE

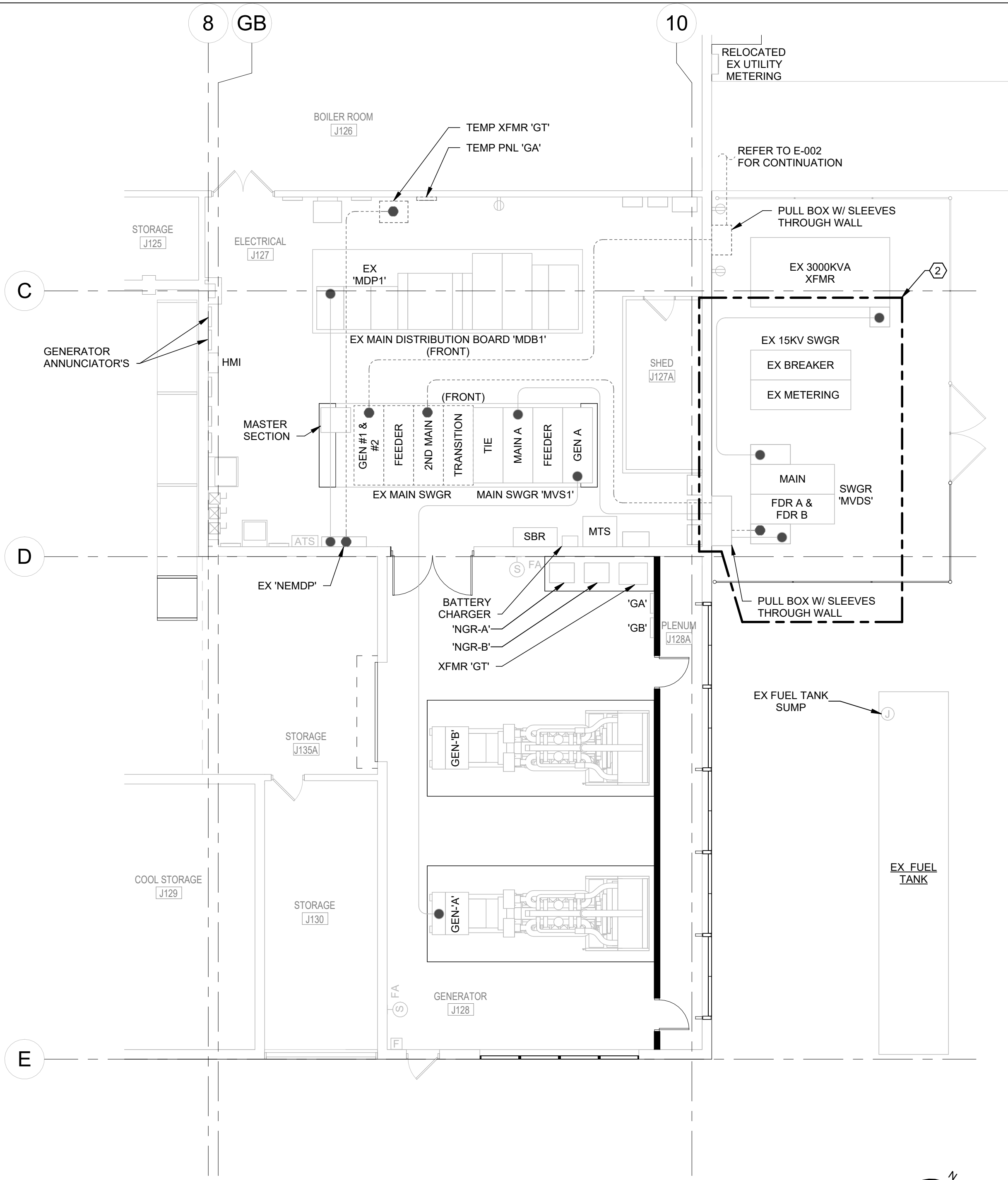
2 SINGLE LINE - EXISTING - ELECTRICAL
NOT TO SCALE

VERIFY SCALE BAR IS ONE (1) INCH LONG ON ORIGINAL DRAWING: 0 1		ELECTRICAL UPGRADES DEPARTMENT OF CORRECTIONS CITY OF CHESTER DELAWARE COUNTY, PENNSYLVANIA	
IF BAR IS NOT ONE (1) INCH LONG, ADJUST SCALE ACCORDINGLY		FLOOR PLAN - EXISTING - ELECTRICAL	
CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS VARIANCE FROM CONTRACT DOCUMENTS NOT PERMITTED WITHOUT PROFESSIONAL & BUREAU OF CONSTRUCTION APPROVAL		DRAWN BY E. HOOVER	DATE 21 NOVEMBER 2025
		CHECKED BY S. MULHOLLEN	DRAWING NO. E-101
		SCALE As indicated	



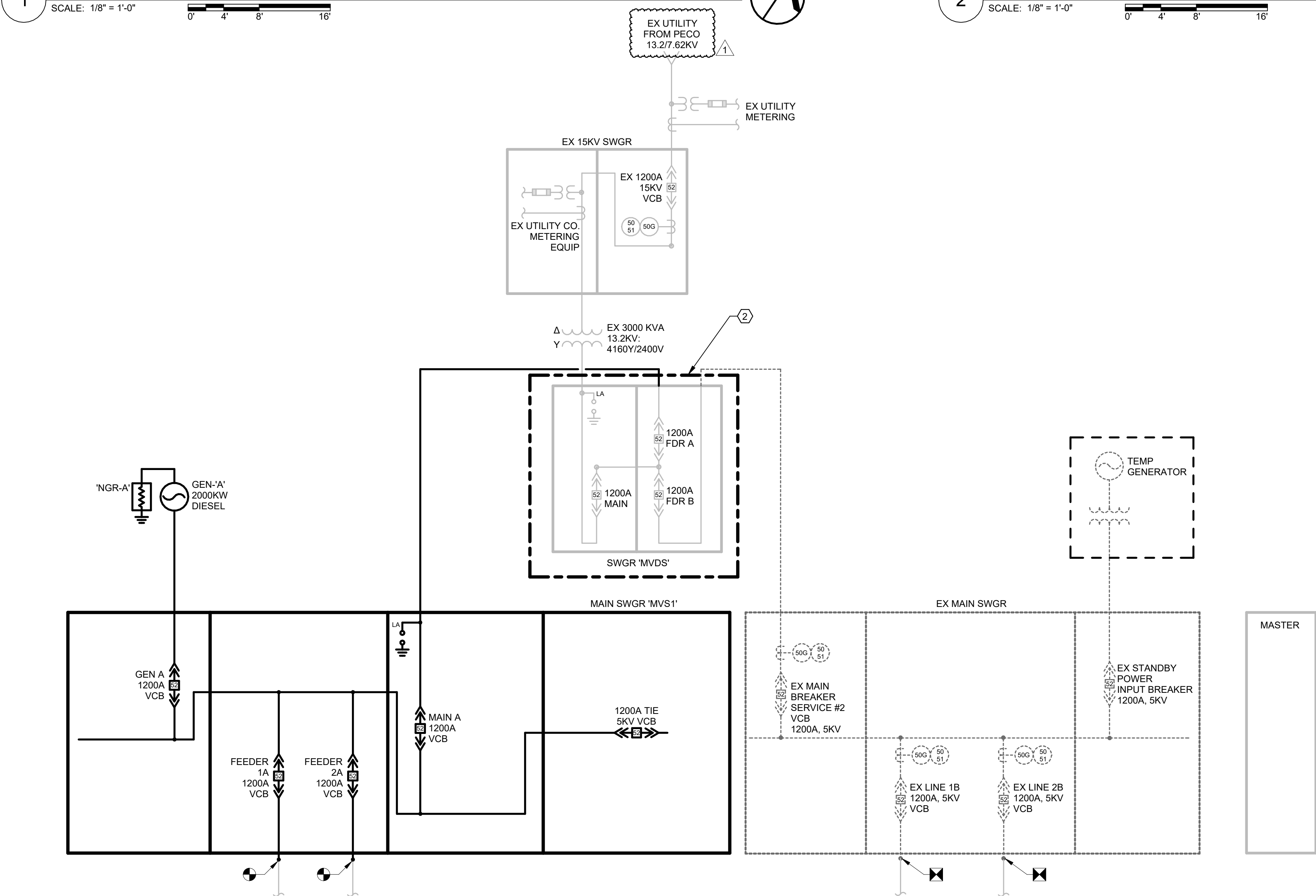
1 PARTIAL FIRST FLOOR PLAN - SEQUENCE 2.A - ELECTRICAL

SCALE: 1/8" = 1'-0"



2 PARTIAL FIRST FLOOR PLAN - SEQUENCE 2.B - ELECTRICAL

SCALE: 1/8" = 1'-0"



4 SINGLE LINE - SEQUENCE 2 - ELECTRICAL

NOT TO SCALE

GENERAL NOTES

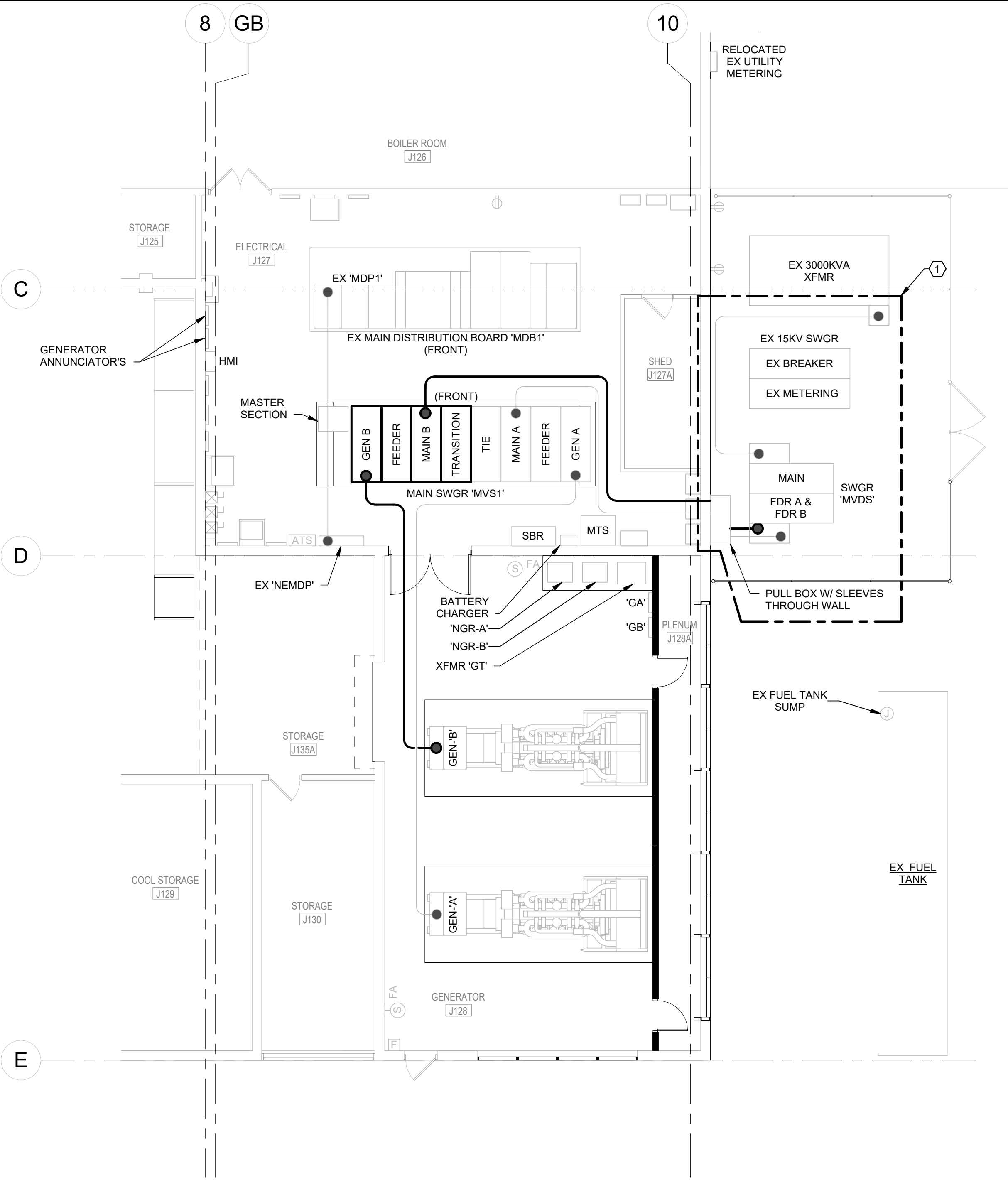
- PERMANENT FEEDER SIZES ARE LISTED ON E-500 SERIES DRAWINGS ONLY. TEMPORARY FEEDER SIZES ARE NOTED ON E-100 SERIES DRAWINGS ONLY.
- ALL NEW FEEDERS TO BE INSTALLED IN OVERHEAD RACEWAYS WITH THE EXCEPTION OF THE "1A", "1B", "2A", "2B" LOOP FEEDERS. THESE FEEDERS SHALL REMAIN IN THE EXISTING UNDERFLOOR CONDUITS. IT IS CRITICAL THAT THE NEW FEEDER DISTRIBUTION SECTIONS OF THE SWITCHGEAR ALIGN EXACTLY WITH THE EXISTING FLOOR PENETRATIONS TO REUSE THIS INFRASTRUCTURE.
- FIRE ALARM DEVICES ARE SHOWN FOR REFERENCE ONLY. FIRE ALARM SYSTEM MODIFICATIONS TO BE PERFORMED UNDER SERVICE CONTRACT SEPARATE FROM THIS PROJECT.
- GENERATORS TO SHIP TO SITE WITH RADIATORS AND SUBBASE BELLY TANKS SEPARATE FROM THE ENGINE TO FACILITATE RIGGING INTO THE BUILDING. UNITS TO BE ASSEMBLED BY MANUFACTURER'S SERVICE TECHNICIANS ON SITE IN THEIR FINAL LOCATIONS.

KEYNOTES

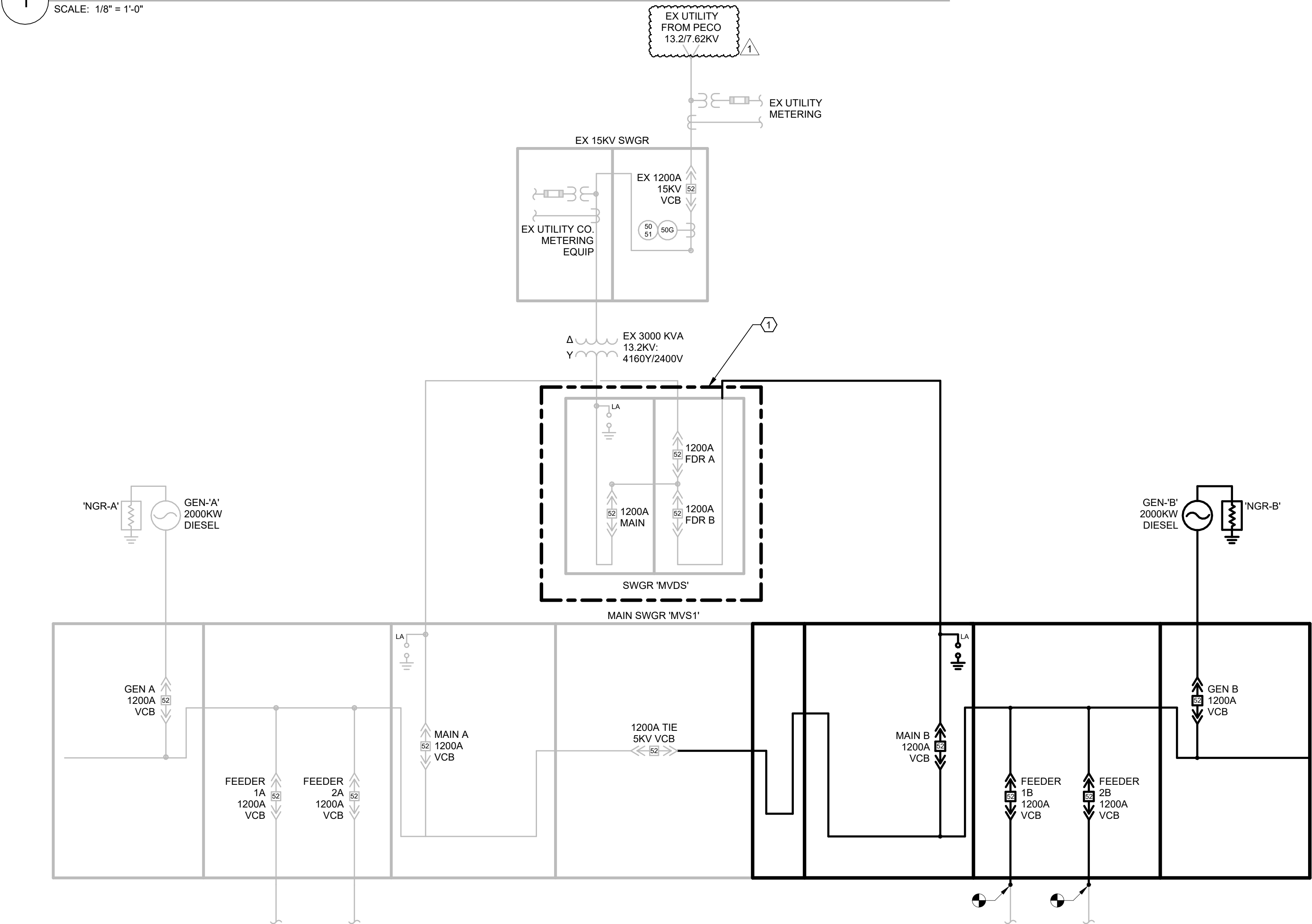
- THE 4 CONTRACTOR TO EXTEND THE EXISTING WIRING TO CONNECT THE NEW FUEL OIL TANK SUMP (BB#2, BB#3, AND BB#4).
- WORK WITHIN THIS BOUNDARY TO BE DONE UNDER BB#3 AND BB#4. (BB#1) FEEDER TAPPED FROM TRANSFORMER SECONDARY TO SECOND MAIN ON 5KV SWGR 'MVS1'.

1	MAR 5 2026	ADDENDUM #3		
DESCRIPTION		DESCRIPTION		
RECORD REVISIONS				
Signature		Date		
 H.F. LENZ ENGINEERING		Headquarters: 1407 Scarp Avenue Johnstown, PA 15904 814-269-9300 www.hflenzen.com		
COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF GENERAL SERVICES HARRISBURG, PENNSYLVANIA				
DGS PROJECT No. C-0576-0012 PHASE 001				

VERIFY SCALE BAR IS ONE (1) INCH LONG ON ORIGINAL DRAWING: 0 1 IF BAR IS NOT ONE (1) INCH LONG, ADJUST SCALE ACCORDINGLY. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS. VARIANCE FROM CONTRACT DOCUMENTS NOT PERMITTED WITHOUT PROFESSIONAL & BUREAU OF CONSTRUCTION APPROVAL		ELECTRICAL UPGRADES DEPARTMENT of CORRECTIONS CITY OF CHESTER DELAWARE COUNTY, PENNSYLVANIA	
DRAWN BY E. HOOVER		DATE 21 NOVEMBER 2025	
CHECKED BY S. MULHOLLEN		SCALE As indicated	
DRAWING NO. E-103		FLOOR PLAN - SEQUENCE 2 - ELECTRICAL	



1 PARTIAL FIRST FLOOR PLAN - SEQUENCE 3 - ELECTRICAL
SCALE: 1/8" = 1'-0"



2 SINGLE LINE - SEQUENCE 3 - ELECTRICAL
NOT TO SCALE

GENERAL NOTES

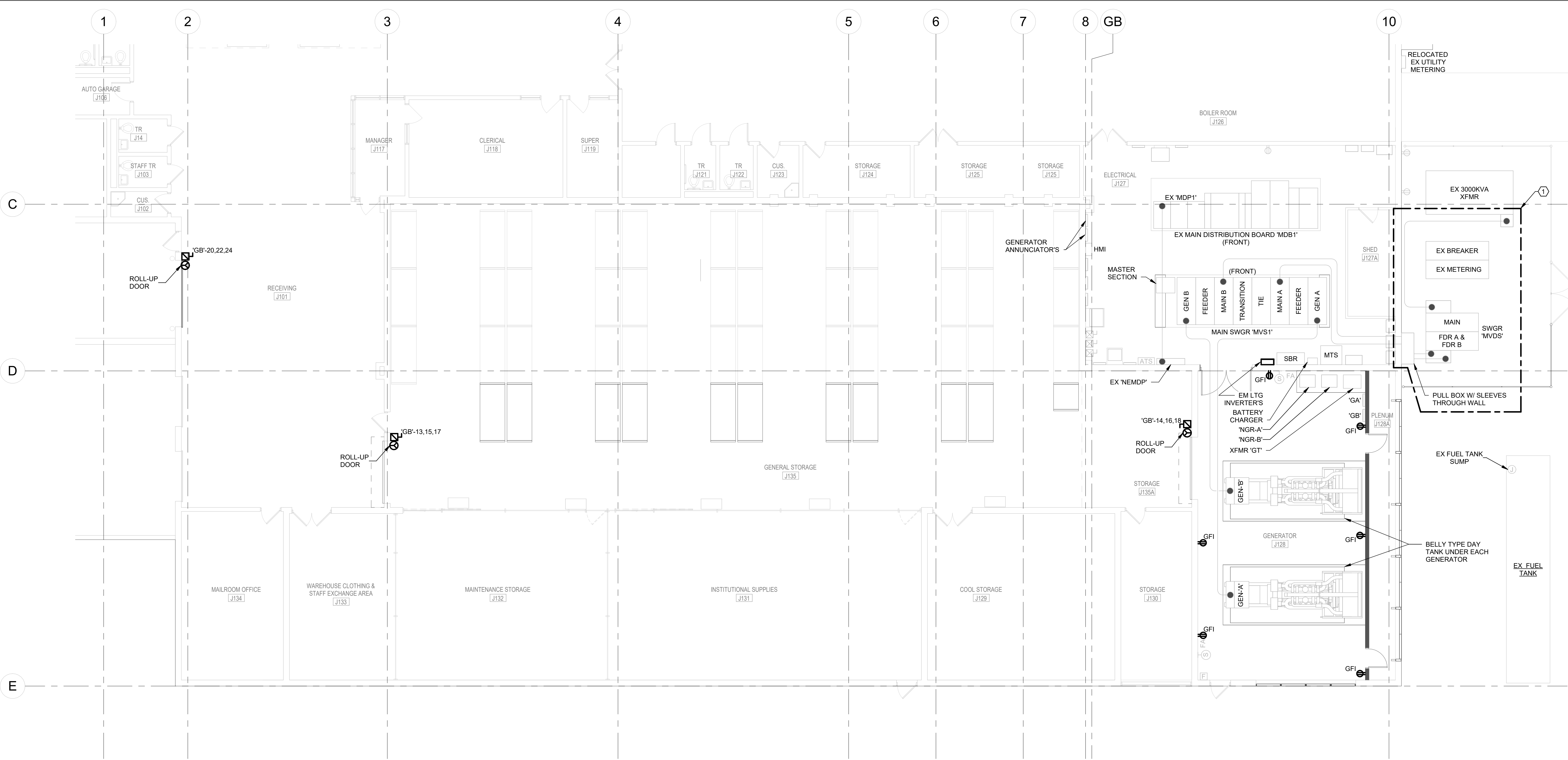
- PERMANENT FEEDER SIZES ARE LISTED ON E-500 SERIES DRAWINGS ONLY. TEMPORARY FEEDER SIZES ARE NOTED ON E-100 SERIES DRAWINGS ONLY.
- ALL NEW FEEDERS TO BE INSTALLED IN OVERHEAD RACEWAYS WITH THE EXCEPTION OF THE "1A", "1B", "2A", "2B" LOOP FEEDERS. THESE FEEDERS SHALL REMAIN IN THE EXISTING UNDERFLOOR CONDUITS. IT IS CRITICAL THAT THE NEW FEEDER DISTRIBUTION SECTIONS OF THE SWITCHGEAR ALIGN EXACTLY WITH THE EXISTING FLOOR PENETRATIONS TO REUSE THIS INFRASTRUCTURE.
- FIRE ALARM DEVICES ARE SHOWN FOR REFERENCE ONLY. FIRE ALARM SYSTEM MODIFICATIONS TO BE PERFORMED UNDER SERVICE CONTRACT SEPARATE FROM THIS PROJECT.

KEYNOTES

- WORK WITHIN THIS BOUNDARY TO BE DONE UNDER BB#3 AND BB#4. (BB#1) FEEDER TAPPED FROM TRANSFORMER SECONDARY TO SECOND MAIN ON 5KV SWGR 'MVS1'.

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DRAWN BY E. HOOVER		DATE 21 NOVEMBER 2025	
CHECKED BY S. MULHOLLEN		SCALE As indicated	
DRAWING NO. E-104		FLOOR PLAN - SEQUENCE 3 - ELECTRICAL	



GENERAL NOTES

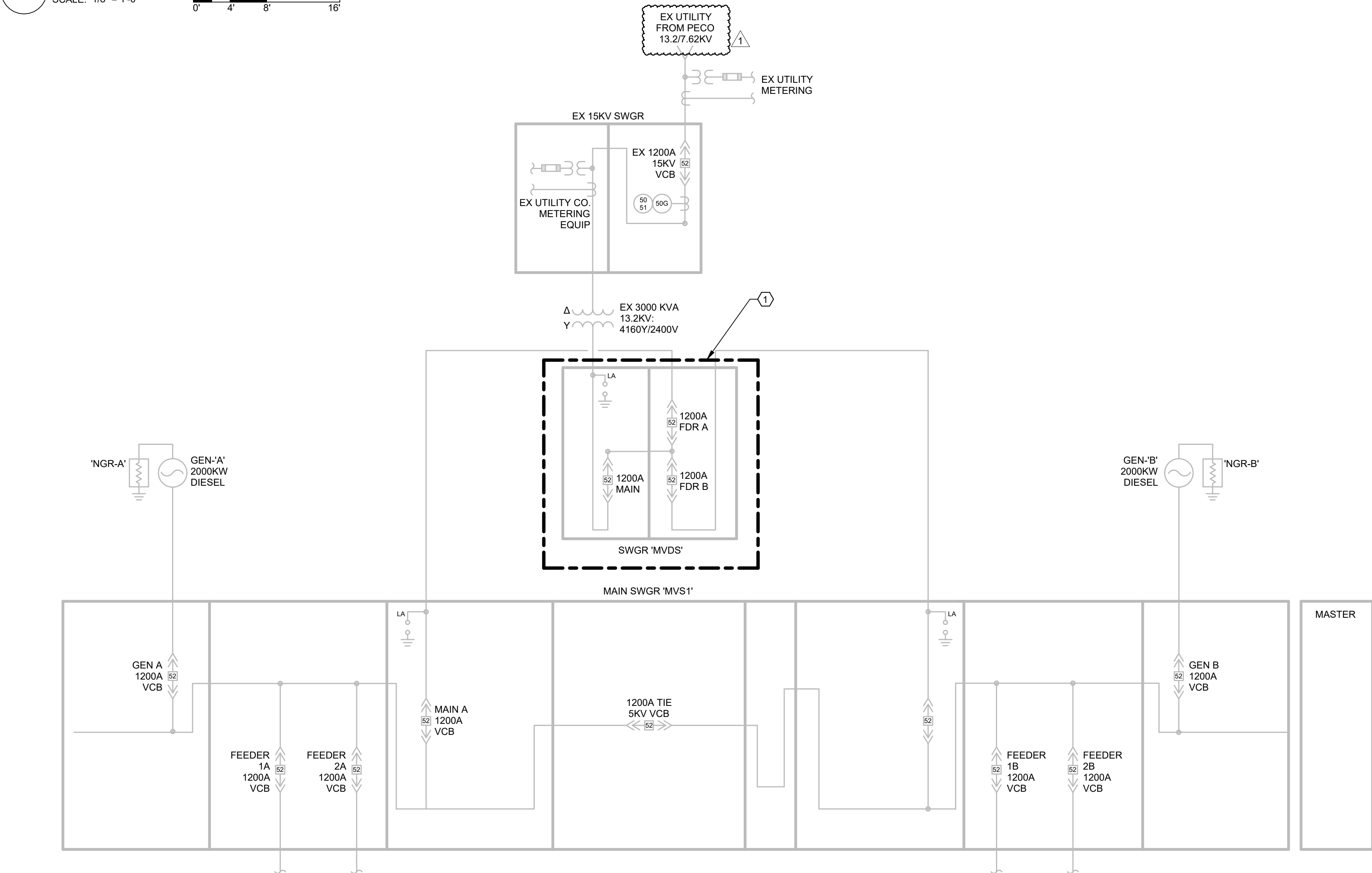
- 1. PERMANENT FEEDER SIZES ARE LISTED ON E-500 SERIES DRAWINGS ONLY. TEMPORARY FEEDER SIZES ARE NOTED ON E-100 SERIES DRAWINGS ONLY.
- 2. ALL NEW FEEDERS TO BE INSTALLED IN OVERHEAD RACEWAYS WITH THE EXCEPTION OF THE "1A", "1B", "2A", "2B" LOOP FEEDERS. THESE FEEDERS SHALL REMAIN IN THE EXISTING UNDERFLOOR CONDUITS. IT IS CRITICAL THAT THE NEW FEEDER DISTRIBUTION SECTIONS OF THE SWITCHGEAR ALIGN EXACTLY WITH THE EXISTING FLOOR PENETRATIONS TO REUSE THIS INFRASTRUCTURE.
- 3. FIRE ALARM DEVICES ARE SHOWN FOR REFERENCE ONLY. FIRE ALARM SYSTEM MODIFICATIONS TO BE PERFORMED UNDER SERVICE CONTRACT SEPARATE FROM THIS PROJECT.

KEYNOTES

- 1. WORK WITHIN THIS BOUNDARY TO BE DONE UNDER BB#3 AND BB#4. (BB#1) FEEDER TAPPED FROM TRANSFORMER SECONDARY TO SECOND MAIN ON SKV SWGR 'MVS1'.

1 FIRST FLOOR PLAN - FINAL - ELECTRICAL

SCALE: 1/8" = 1'-0" 0' 4' 8' 16'

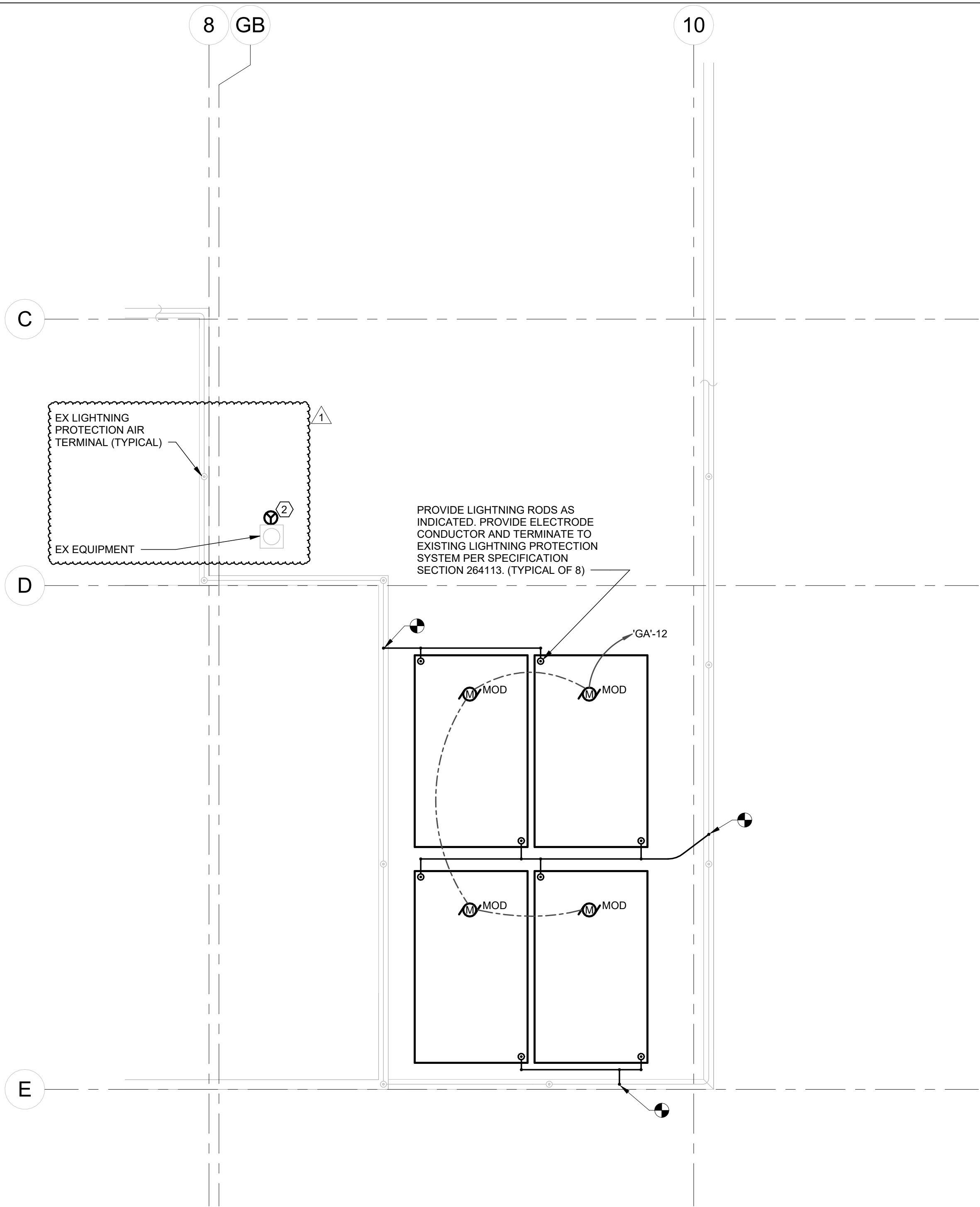
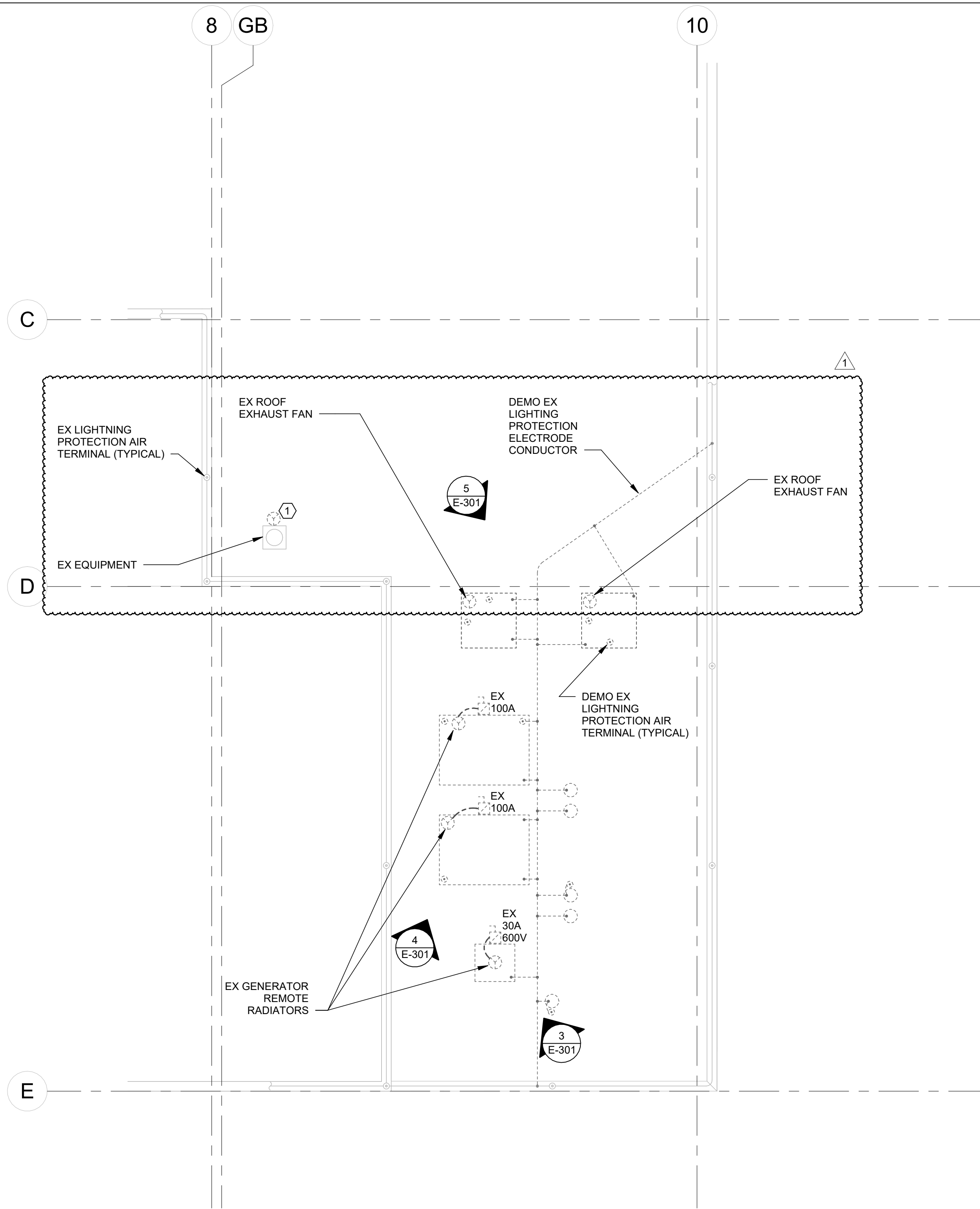


2 SINGLE LINE - FINAL - ELECTRICAL

NOT TO SCALE

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		Signature		Date
 H.F. LENZ ENGINEERING		Headquarters: 1407 Scalp Avenue Johnstown, PA 15904 814-269-9300 www.hflenz.com		
COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF GENERAL SERVICES HARRISBURG, PENNSYLVANIA				
DGS Project No. C-0576-0012 PHASE 001				

VERIFY SCALE		ELECTRICAL UPGRADES	
BAR IS ONE (1) INCH LONG ON ORIGINAL DRAWING:		DEPARTMENT of CORRECTIONS CITY OF CHESTER DELAWARE COUNTY, PENNSYLVANIA	
IF BAR IS NOT ONE (1) INCH LONG, ADJUST SCALE ACCORDINGLY.		FLOOR PLAN - FINAL - ELECTRICAL	
CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS. VARIANCE FROM CONTRACT DOCUMENTS NOT PERMITTED WITHOUT PROFESSIONAL & BUREAU OF CONSTRUCTION APPROVAL		DRAWN BY E. HOOVER	DATE 21 NOVEMBER 2025
CHECKED BY S. MULHOLLEN		SCALE As indicated	DRAWING NO. E-105



- KEYNOTES**
- 1 DISCONNECT EXISTING EQUIPMENT. MAINTAIN EXISTING BRANCH CIRCUIT SERVING EQUIPMENT FOR REINSTALLATION. EXISTING BRANCH CIRCUIT MAY BE REMOVED BACK TO A CONVENIENT LOCATION FOR INTERCEPT AND EXTENSION.
 - 2 INTERCEPT, EXTEND, AND RECONNECT EXISTING BRANCH CIRCUIT. MAINTAINED FROM DEMOLITION WORK FOR EXISTING EQUIPMENT. SIZES AND QUANTITIES OF CONDUIT AND CONDUCTOR SHALL MATCH EXISTING.

1 ROOF PLAN - DEMOLITION - ELECTRICAL
SCALE: 1/8" = 1'-0"

2 ROOF PLAN - NEW WORK - ELECTRICAL
SCALE: 1/8" = 1'-0"



3 EXISTING GENERATOR REMOTE RADIATOR
NOT TO SCALE



4 EXISTING GENERATOR REMOTE RADIATORS
NOT TO SCALE



5 EXISTING ROOF EXHAUST FANS
NOT TO SCALE

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			Signature	Date
 H.F. LENZ ENGINEERING			Headquarters: 1407 Scarp Avenue Johnstown, PA 15904 814-269-9300 www.hflenzenz.com	
COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF GENERAL SERVICES HARRISBURG, PENNSYLVANIA				
DGS PROJECT No. C-0576-0012 PHASE 001				

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ELECTRICAL UPGRADES DEPARTMENT OF CORRECTIONS CITY OF CHESTER DELAWARE COUNTY, PENNSYLVANIA ROOF PLANS - ELECTRICAL			



1. PERMANENT FEEDER SIZES ARE LISTED ON E-500 SERIES DRAWINGS ONLY. TEMPORARY FEEDER SIZES ARE NOTED ON E-100 SERIES DRAWINGS ONLY.

1. PERMANENT FEEDER SIZES ARE LISTED ON E-500 SERIES DRAWINGS ONLY. TEMPORARY FEEDER SIZES ARE NOTED ON E-100 SERIES DRAWINGS ONLY.

PROPOSED CONSTRUCTION SEQUENCE
REFER TO E-100 SERIES DRAWINGS FOR ADDITIONAL INFORMATION.

TEST EXISTING SWITCHGEAR PRIOR TO SEQUENCE 1 A TO ENSURE ALL BREAKERS ARE FUNCTIONAL.

COORDINATE ANY OUTAGE TO 'CRITICAL DISTRIBUTION FEEDER' WITH FACILITY TO ENSURE SENSITIVE LOADS ARE PROPERLY BACK-UP.

COORDINATE ANY SITE POWER OUTAGES WITH FACILITY AND UTILITY COMPANY.

PROVIDE TEMPORARY CONTROL POWER AS NECESSARY.

PROVIDE TEMPORARY 208/120V DISTRIBUTION TO POWER ANY EQUIPMENT TO BE CIRCUITED TO PANELS 'A' AND 'GB' PRIOR TO PERMANENT PANELS BEING IN PLACE.

PROVIDE TEMPORARY EXTENDING TEMPORARY CIRCUITS TO FINAL LOCATION BY END OF CONSTRUCTION.

1. INSTALL 1/4" X 1/8" I.B.
2. REPLACE OUTDOOR SKV METAL ENCLOSED DUPLEX SWITCHGEAR MVDS* TO ESTABLISH A REDUNDANT MAIN UTILITY FEEDER. PROVIDE FEEDER TO EXISTING SKV MAIN SWITCHGEAR SERVICE 2C BREAKER (B6B5 AND B6B4).
3. REMOVE 200V 1200 AMP BREAKER FROM THE MAIN SWITCHGEAR TO EXISTING FEEDER TO EXISTING SKV MAIN SWITCHGEAR GEN BREAKER ON THE 'B' SIDE OF THE MAIN SWITCHGEAR.
4. THE 1" CONTRACTOR TO EXTEND THE EXISTING PAD AT THE MAIN SKV SWITCHGEAR TO ACCOMMODATE EXPANDED FOOTPRINT OF NEW EQUIPMENT.
5. INSTALL NEW UTILITY BATTERY AND ASSOCIATED BATTERY FEEDER TO EXISTING SKV MAIN SWITCHGEAR.
6. PROVIDE MASTER CONTROL SECTION NEXT TO EXISTING MAIN SKV SWITCHGEAR. CONTROLLER TO ARRIVE TO SITE PROGRAMMED WITH 'TEMPERATURE' AND 'HUMIDITY' SETPOINTS. THE NEW SKV MAIN SWITCHGEAR DURING THE EXISTING MAIN SKV AND THE INITIAL HALF OF THE NEW SWITCHGEAR DURING SEQUENCE 2.
7. THE 1" CONTRACTOR TO EXTEND THE EXISTING SKV MAIN SWITCHGEAR TO THE 'A' SIDE AND MAKE MODIFICATIONS TO BE PERFORMED ON THE 'B' SIDE.
8. REMOVE 1200 AMP BREAKER FROM THE MAIN SWITCHGEAR TO EXISTING SKV MAIN SWITCHGEAR IN THE SERVICE 2C BREAKER ON THE 'B' SIDE OF THE LINEB AND TERMINATE MAIN FEEDER. TERMINATE FEEDER FROM MVDS* (B6B5 AND B6B4).
9. REMOVE FEEDER FROM EXISTING PARALLELING BREAKER, AND TERMINATE FEEDER FROM THE MAIN SWITCHGEAR TO EXISTING SKV MAIN SWITCHGEAR.
10. SINGLE-SIDE THE EXISTING MAIN SKV SWITCHGEAR TO THE 'B' SIDE TO PREPARE FOR THE REMOVAL OF THE 'A' SIDE.
11. THE 1" CONTRACTOR TO REMOVE FEEDER FROM EXISTING MAIN DISTRIBUTION BOARD 'B6B1' VIA MANUAL TRIPPER SWITCH (MTS) DURING COORDINATED SHUTDOWN.
12. THE 1" CONTRACTOR TO ENLARGE OR ADD DOORWAYS ALONG THE PROPOSED PATH OF TRAVEL FOR EQUIPMENT REPLACEMENT VIA THE LOADING DOCK AND WAREHOUSE.
13. DEMO 'A' SIDE OF THE EXISTING MAIN SKV SWITCHGEAR AND THE DURING COORDINATED SHUTDOWN.
14. DEMO EXISTING PARALLELING BREAKER, GENERATORS, AND ASSOCIATED SYSTEMS.

- SEQUENCE 2A & 2B:**
1. INSTALL FIRST HALF 'B' OF THE NEW SKV SWITCHGEAR 'MVS1'. POSITION SWITCHGEAR SO THE FEEDER SECTION ALIGNS WITH THE EXISTING SITE FEEDERS.
 2. INSTALL NEW GENERATORS AND ASSOCIATED SYSTEMS.
 3. INSTALL MAIN FEEDER TO A SIDE MAIN BREAKER ON NEW SKV SWITCHGEAR 'MVS1'. INSTALL FEEDER FROM OUTDOOR SKV METAL ENCLOSED DUPLEX SKV SWITCHGEAR (DOWN) TO NEW SKV SWITCHGEAR 'MVS1' (BBSA AND BBSB).
 4. INSTALL FEEDER FROM NEW GENERATOR A TO NEW SKV SWITCHGEAR 'MVS1'. TERMINATE TO THE 'A' SIDE GENERATOR BREAKER.
 5. REPLACE SITE FEEDER A AND B.
 6. PERFORM ACCEPTANCE TESTING OF NEW SKV SWITCHGEAR 'MVS1' AND GENERATOR A TO ENSURE PROPER OPERATION.
 7. REMOVE THE EXISTING PORTION OF THE 'A' SIDE OF THE SKV SWITCHGEAR 'MVS1' TO PREPARE FOR THE REMOVAL OF THE 'B' SIDE OF THE EXISTING MAIN SKV SWITCHGEAR.
 8. RE-INSTALL THE EXISTING SKV MAIN SWITCHGEAR.

- SEQUENCE 3A & 3.B:**
1. INSTALL SECOND HALF OF THE NEW 5KV SWITCHGEAR 'MVS1'. POSITION SWITCHGEAR SO THE FEEDER SECTION ALIGNS WITH THE EXISTING SITE FEEDERS.
 2. INSTALL MAIN FEEDER TO A SIDE MAIN BREAKER ON NEW 5KV SWITCHGEAR 'MVS1'. INSTALL MAIN FEEDER FROM OUTDOOR 9KV METAL ENCLOSED DUPLEX SWITCHGEAR 'MVS2' TO NEW 5KV SWITCHGEAR 'MVS1' (BB#3 & BB#4).
 3. INSTALL FEEDER FROM NEW GENERATOR B TO NEW 5KV SWITCHGEAR 'MVS1'. TERMINATE TO THE 'B' SIDE GENERATOR BREAKER.
 4. REPLACE SITE FEEDERS 1B AND 2B (BB#4 ONLY).
 5. PERFORM ACCEPTANCE TESTING OF 11KV 5KV SWITCHGEAR 'MVS1' AND GENERATOR B TO ENSURE PROPER OPERATION.
 6. PLACE THE 5KV SWITCHGEAR 'MVS1' INTO NORMAL OPERATION MODE.

1	MAR 5 2026	ADDENDUM #3		
		DESCRIPTION		DESCRIPTION

RECORD REVISIONS

F. LENZ
ENGINEERING

Signature _____ Date _____

Headquarters:
1407 Scalp Avenue
Johnstown, PA 15139
814-269-9300
www.hflenr.com

**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF GENERAL SERVICES**

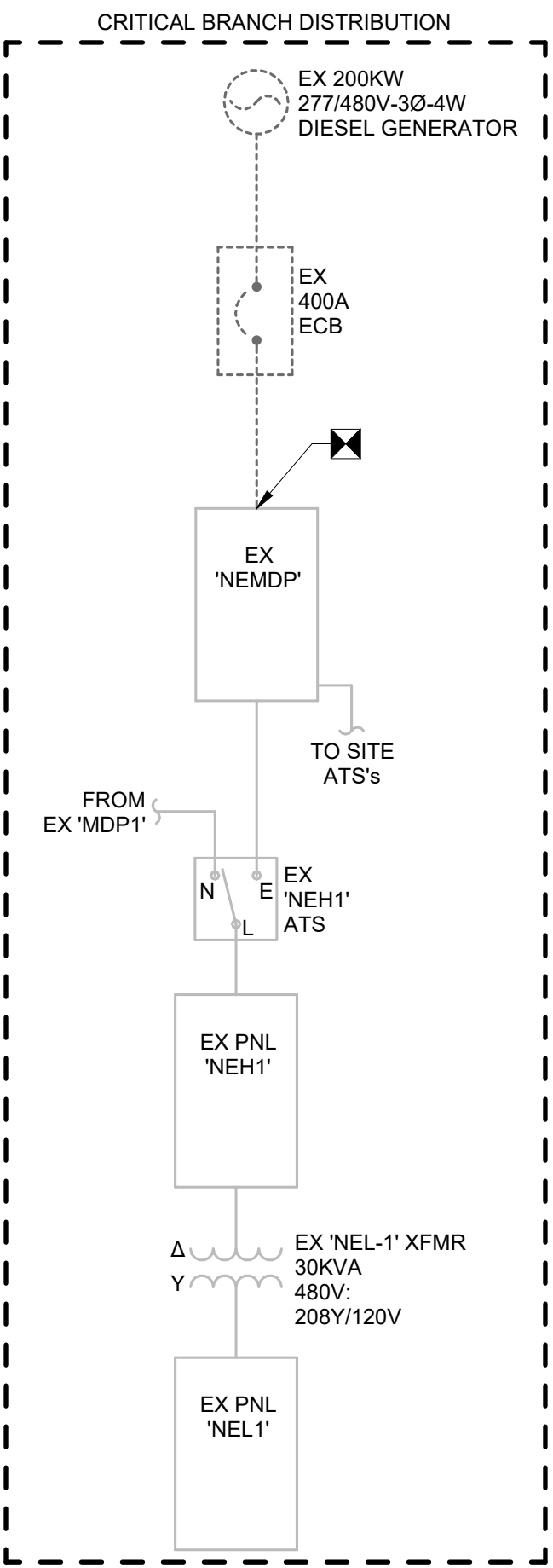
DGS PROJECT No. C-0576-0012 PHASE 001

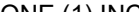
DEPARTMENT of CORRECTIONS
CITY OF CHESTER
DELAWARE COUNTY, PENNSYLVANIA

SITE SINGLE LINE DIAGRAM - EXISTING -
ELECTRICAL

DRAWN BY E. HOOVER	DATE 21 NOVEMBER 2025	DRAWING NO. E-501
CHECKED BY S. MULHOLLEN	SCALE 12" = 1'-0"	

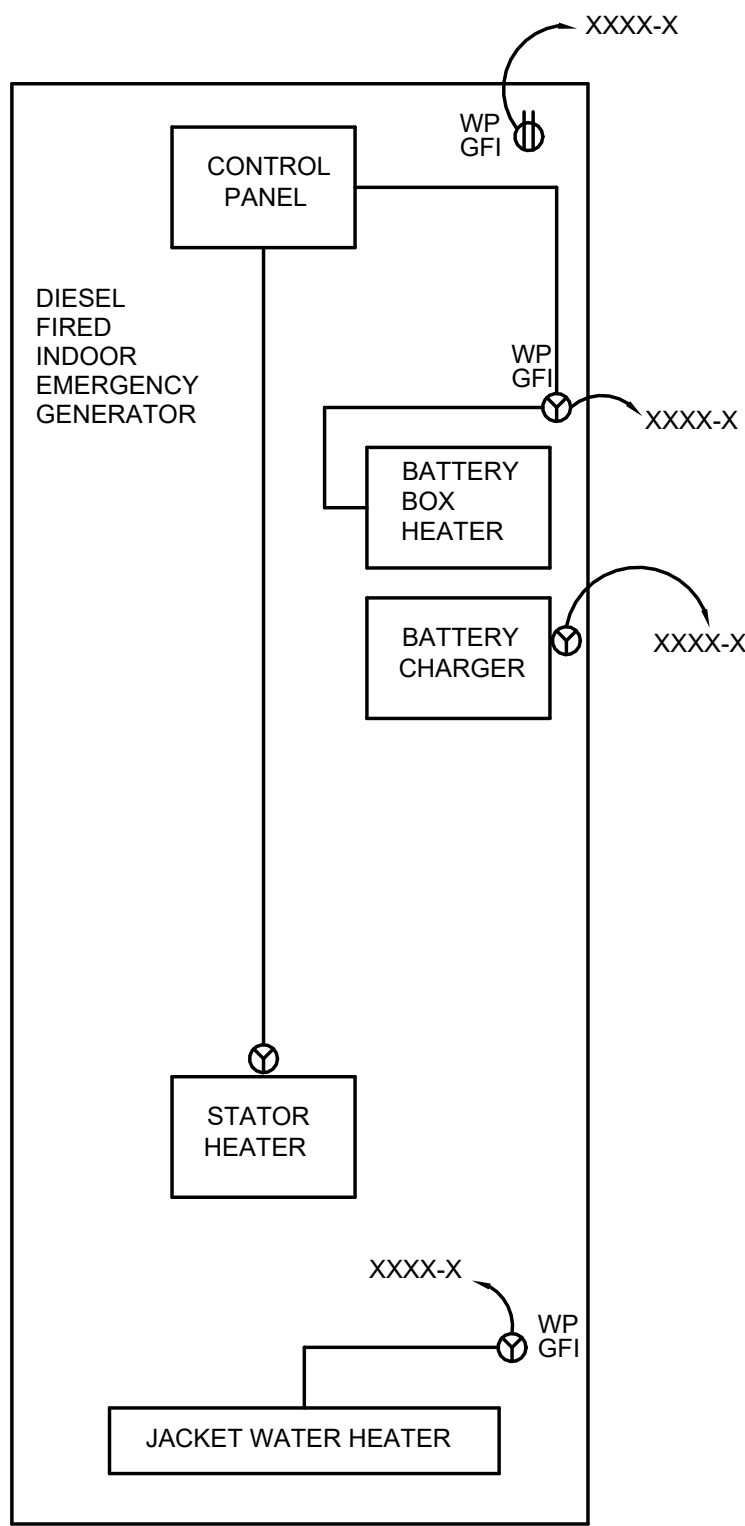
DRAWN BY E. HOOVER	DATE 21 NOVEMBER 2025	DRAWING NO. E-501
CHECKED BY S. MULHOLLEN	SCALE 12" = 1'-0"	



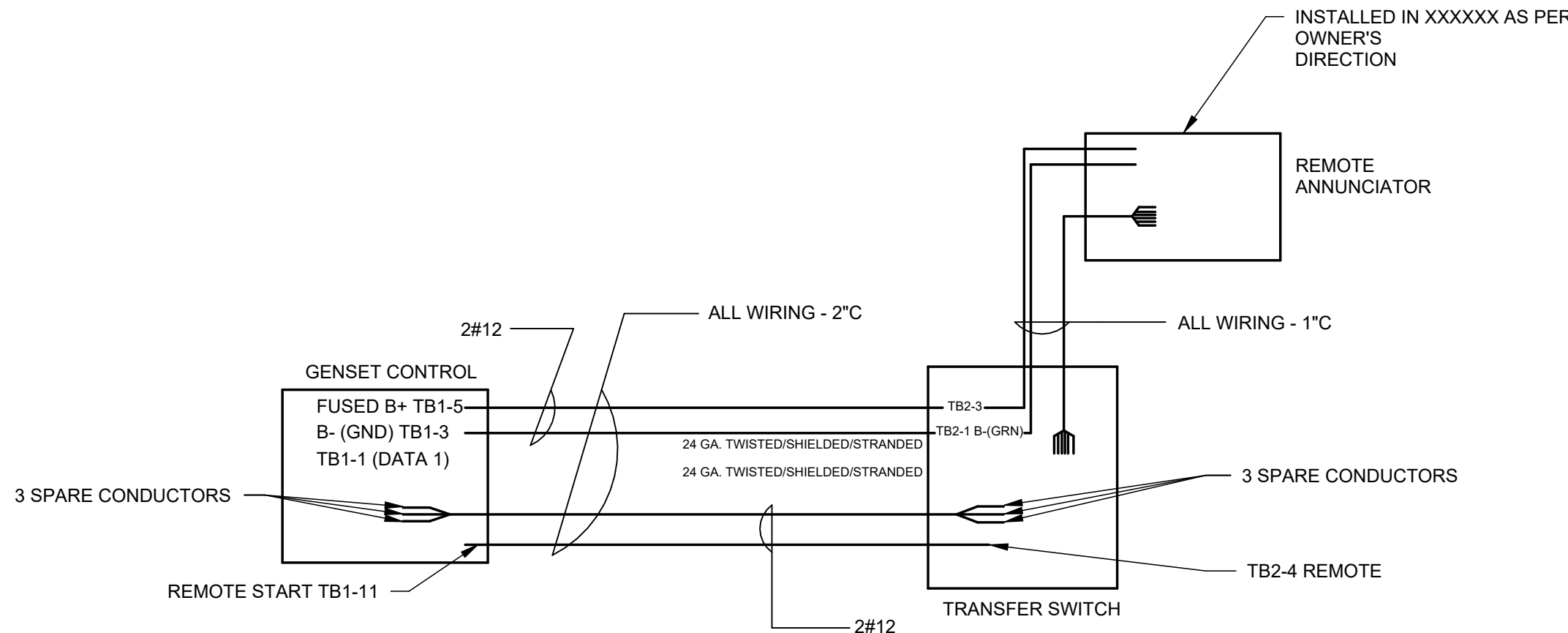
VERIFY SCALE BAR IS ONE (1) INCH LONG ON ORIGINAL DRAWING: 0  1 IF BAR IS NOT ONE (1) INCH LONG, ADJUST SCALE ACCORDINGLY		ELECTRICAL UPGRADES DEPARTMENT OF CORRECTIONS CITY OF CHESTER DELAWARE COUNTY, PENNSYLVANIA	
CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS VARIANCE FROM CONTRACT DOCUMENTS NOT PERMITTED WITHOUT PROFESSIONAL & BUREAU OF CONSTRUCTION APPROVAL		SITE SINGLE LINE DIAGRAM - DEMOLITION - ELECTRICAL	
DRAWN BY E. HOOVER CHECKED BY S. MULHOLLEN		DATE 21 NOVEMBER 2025 SCALE 12" = 1'-0"	
		DRAWING NO. E-502	



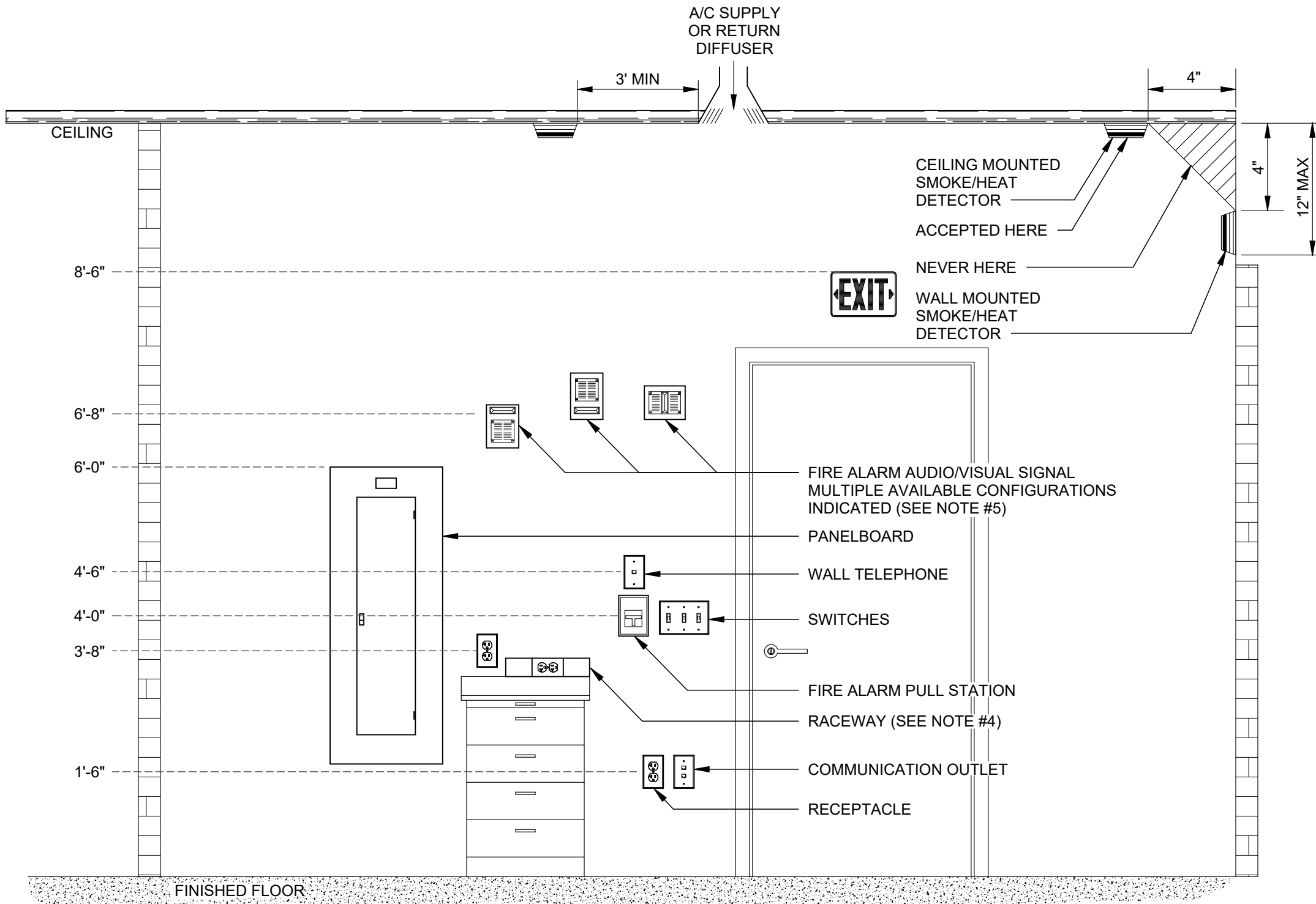
VERIFY SCALE BAR IS ONE (1) INCH LONG ON ORIGINAL DRAWING: 0  1 IF BAR IS NOT ONE (1) INCH LONG, ADJUST SCALE ACCORDINGLY. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS. VARIANCE FROM CONTRACT DOCUMENTS NOT PERMITTED WITHOUT PROFESSIONAL & BUREAU OF CONSTRUCTION APPROVAL	ELECTRICAL UPGRADES DEPARTMENT of CORRECTIONS CITY OF CHESTER DELAWARE COUNTY, PENNSYLVANIA		
	SITE SINGLE LINE DIAGRAM - NEW WORK - ELECTRICAL		
DRAWN BY E. HOOVER CHECKED BY S. MULHOLLEN	DATE 21 NOVEMBER 2025 SCALE 1" = 1'-0"	DRAWING NO. E-503	



- NOTES:**
- REFER TO DRAWING E-XXX FOR GENERATOR AUXILIARY EQUIPMENT CIRCUITING.
 - THE 4 CONTRACTOR SHALL PROVIDE CABLING AND CONDUIT FROM THE GENERATOR TO THE ANNUNCIATOR AND EMERGENCY POWER OFF BUTTON. PROVIDE MANUFACTURER RECOMMENDED CABLING FOR EACH.
 - PROVIDE FACTORY INSTALLED CORD AND PLUG FOR JACKET WATER HEATER AND BATTERY BOX HEATER.
 - STATOR HEATER SHALL BE WIRED THROUGH THE CONTROL PANEL TO THE CIRCUIT SHOWN.
 - PROVIDE MANUFACTURER RECOMMENDED CABLE SIZE FOR CONNECTION FROM PRE FUEL FILTER FUEL OIL HEATER TO THE DC BATTERIES.



- NOTE:**
- IF MORE THAN ONE TRANSFER SWITCH IS USED, PARALLEL THE ADDITIONAL TRANSFER SWITCH CONTROL WIRING ONTO THE FIRST TRANSFER SWITCH.



- NOTES:**
- DEVICE LOCATIONS AND MOUNTING HEIGHTS SHALL BE CHECKED AGAINST THE ARCHITECTURAL PLANS AND ELEVATIONS PRIOR TO ROUGH-IN IN ORDER TO AVOID INTERFERENCE WITH CASEWORK, FURNITURE, WINDOWS, MIRRORS, EQUIPMENT, ETC.
 - LOCATIONS OF OUTLETS AND EQUIPMENT AS INDICATED ON THE DRAWINGS ARE APPROXIMATE. THE EXACT CENTER OF ALL OUTLETS SHALL BE PLACED IN COOPERATION WITH THE GENERAL CONTRACTOR AND ARCHITECT. CONTRACTOR SHALL EXAMINE ALL INTERIOR DETAILS OF THE CONSTRUCTION DRAWINGS FOR OUTLET LOCATIONS NOT CONFORMING TO THE DETAIL ABOVE. WHERE DETAILED TO SPECIFIC LOCATIONS, THE ARCHITECTURAL DRAWINGS SHALL TAKE PRECEDENCE. IF AN OUTLET IS INSTALLED IN SUCH A LOCATION AS TO BE OUT OF PROPER RELATION TO WALLS OR DETAILS OF THE BUILDING, ITS LOCATION SHALL BE CORRECTED BY AND AT THE EXPENSE OF THE CONTRACTOR UNDER THE DIRECTION OF THE ARCHITECT OR ENGINEER.
 - DEVICES SHALL BE CENTERED IN A COMMON VERTICAL PLANE. HEIGHT SHALL BE MEASURED FROM FINISHED FLOOR TO CENTERLINE OF DEVICE EXCEPT EXIT SIGNS, AND FIRE ALARM SIGNALS. COORDINATE LOCATION WITH MATERIALS SUCH AS MASONRY UNITS.
 - REFER TO THE ARCHITECT'S ELEVATION DETAILS FOR EXACT MOUNTING HEIGHT AND LENGTH OF SURFACE RACEWAYS. RECEPTACLE MOUNTING HEIGHT ABOVE COUNTERS SHALL BE COORDINATED WITH CASEWORK HEIGHTS.
 - THE ENTIRE LENS OF A FIRE ALARM A/V SIGNAL OR VISUAL-ONLY SIGNAL SHALL BE LOCATED BETWEEN 6'-8" A.F.F. AND 8'-0" A.F.F. OR 6" BELOW CEILING (WHICHEVER IS LOWER). ELEVATION SHALL BE CONSISTENT THROUGHOUT PROJECT.

1 GENERATOR MISCELLANEOUS CIRCUITS

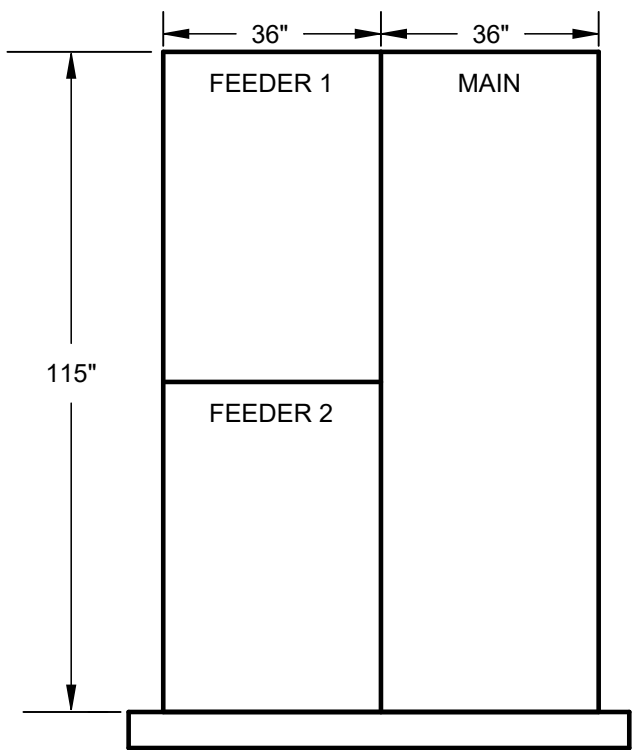
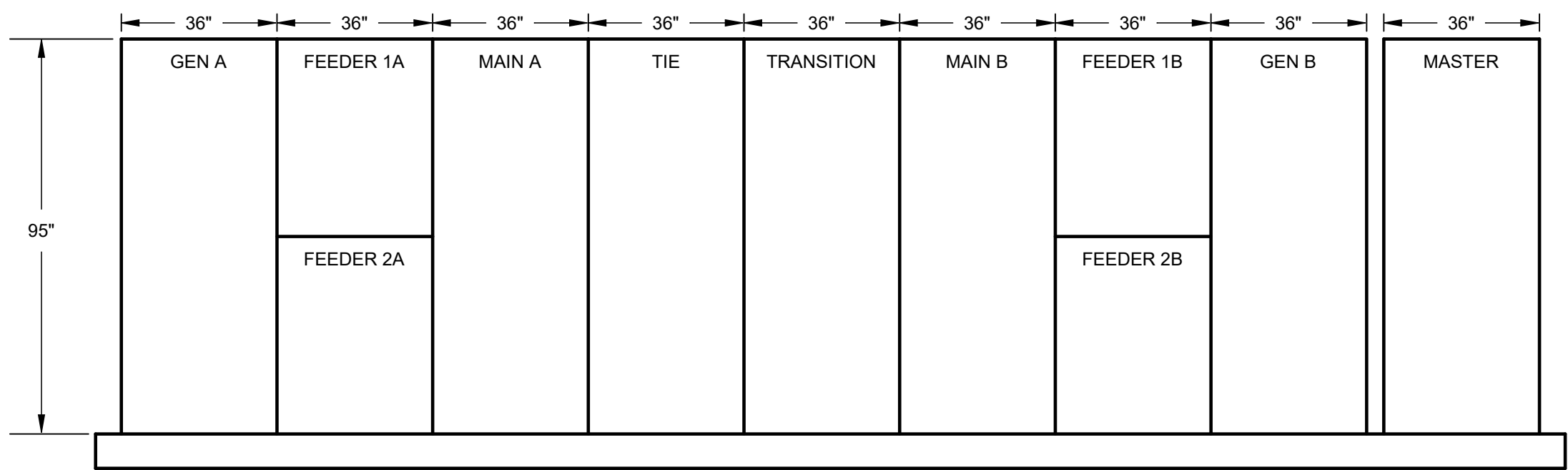
NOT TO SCALE

2 GENERATOR ANNUNCIATOR WIRING DIAGRAM

NOT TO SCALE

3 TYPICAL DEVICE MOUNTING HEIGHT DETAIL

NOT TO SCALE

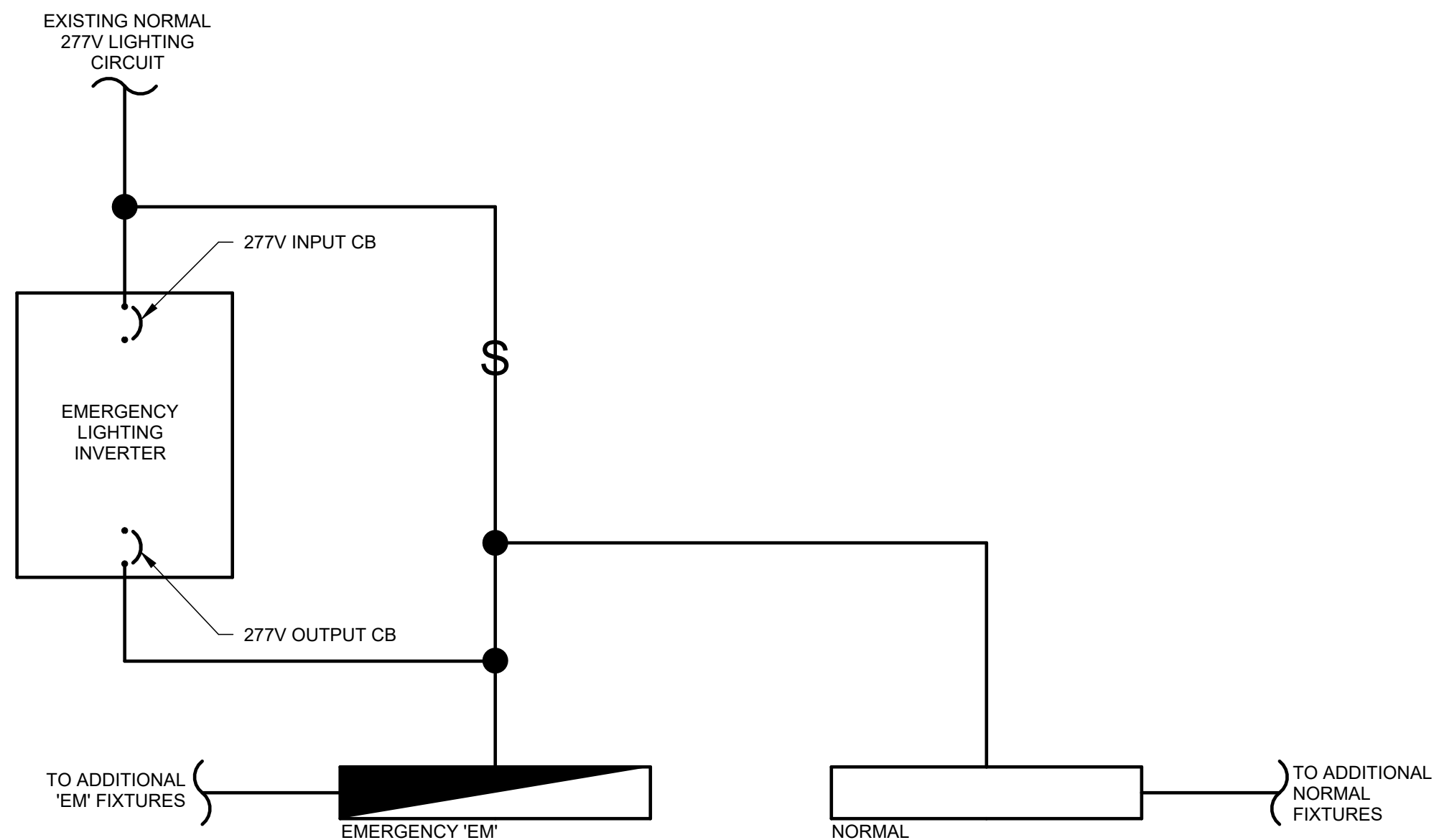


4 MAIN SWGR 'MVS1' FRONT ELEVATION DIAGRAM - NEW WORK

NOT TO SCALE

5 SWGR 'MVDS' FRONT ELEVATION DIAGRAM - NEW WORK

NOT TO SCALE

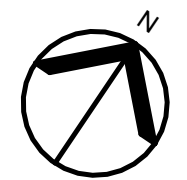
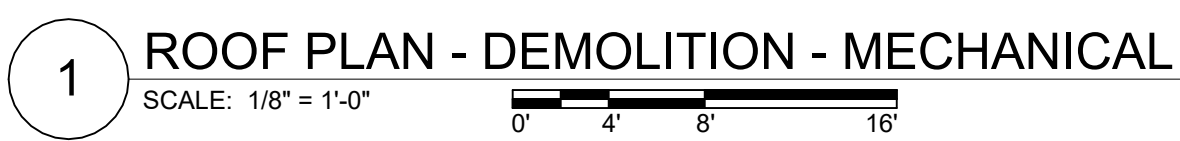


6 EMERGENCY LIGHTING INVERTER SCHEMATIC WIRING DIAGRAM

NOT TO SCALE

1	MAR 5 2026	ADDENDUM #3		
DESCRIPTION		DESCRIPTION		
RECORD REVISIONS				
		Signature		Date
 H.F. LENZ ENGINEERING		Headquarters: 1407 Scarp Avenue Johnstown, PA 15904 814-269-9300 www.hflenzenz.com		
COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF GENERAL SERVICES HARRISBURG, PENNSYLVANIA				
DGS PROJECT No. C-0576-0012 PHASE 001				

VERIFY SCALE BAR IS ONE (1) INCH LONG ON ORIGINAL DRAWING: 0 1 IF BAR IS NOT ONE (1) INCH LONG, ADJUST SCALE ACCORDINGLY. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS. VARIANCE FROM CONTRACT DOCUMENTS NOT PERMITTED WITHOUT PROFESSIONAL & BUREAU OF CONSTRUCTION APPROVAL		ELECTRICAL UPGRADES DEPARTMENT of CORRECTIONS CITY OF CHESTER DELAWARE COUNTY, PENNSYLVANIA	
DETAILS - ELECTRICAL		E-602	
DRAWN BY E. HOOVER	DATE 21 NOVEMBER 2025	DRAWING NO.	
CHECKED BY S. MULHOLLEN	SCALE 1/8" = 1'-0"		

[illegible]

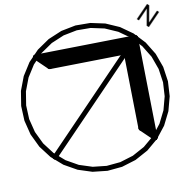
**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF GENERAL SERVICES**

ELECTRICAL UPGRADES

DEPARTMENT of CORRECTIONS
CITY OF CHESTER
DELAWARE COUNTY, PENNSYLVANIA

DRAWN BY W. CORNELL	DATE 21 NOVEMBER 2025	DRAWING NO. M-102
CHECKED BY S. MULHOLLEN	SCALE 1/8" = 1'-0"	

CONTRACTOR SHALL FIELD VERIFY
ALL DIMENSIONS.
VARIANCE FROM CONTRACT
DOCUMENTS NOT PERMITTED
WITHOUT PROFESSIONAL & BUREAU
OF CONSTRUCTION APPROVAL

[illegible]

**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF GENERAL SERVICES**

ELECTRICAL UPGRADES

DEPARTMENT of CORRECTIONS
CITY OF CHESTER
DELAWARE COUNTY, PENNSYLVANIA

DRAWN BY W. CORNELL	DATE 21 NOVEMBER 2025	DRAWING NO. M-202
CHECKED BY S. MULHOLLEN	SCALE 1/8" = 1'-0"	

BAR IS ONE (1) INCH LONG
ON ORIGINAL DRAWING:

0 1

IF BAR IS NOT ONE (1) INCH LONG

ADJUST SCALE ACCORDINGLY
CONTRACTOR SHALL FIELD VERIFY
ALL DIMENSIONS.
VARIANCE FROM CONTRACT
DOCUMENTS NOT PERMITTED
WITHOUT PROFESSIONAL & BUREAU
OF CONSTRUCTION APPROVAL

DRAWN BY W. CORNELL
CHECKED BY S. MULHOLLEN

DATE
1 NOVEMBER 2025

SCALE
 $1/8" = 1'-0"$

RAWING NO.
M-202

ADDENDUM NO. 3

PROJECT NO. DGS C-0576-0012 PHASE 1

PROJECT TITLE - SCI Chester - Electrical Upgrades

PROFESSIONAL: H.F. Lenz Co. - 1407 Scalp Avenue, Johnstown, Pennsylvania 15904

If you submitted a bid prior to this Addendum being issued, your bid has been discarded and you must re-submit your bid(s) prior to the bid opening date and time.

ADMINISTRATIVE CHANGES – ALL CONTRACTS

1. Item 1 - N/A

RESPONSES TO BIDDING REQUESTS FOR INFORMATION (RFI) - ALL CONTRACTS

1. Question: The .4 Electrical bidding documents are missing

Response: Bidding documents are available on ebuilder.

2. Question: Dwg E-702 The Schedule for SwitchGear 'MVDS' lists it as Nema 1. However, it is located outdoors. Please verify the correct Nema rating.

Response: NEMA Rating revised to NEMA-3R on Drawing E-702.

3. Question: Please verify which contract is responsible for providing the temporary fencing for the trailer/laydown area.

Response: The .4 contractor is responsible for providing the temporary fencing for the trailer/laydown area.

4. Question: Please provide a detail drawing and spec for the temporary fencing to be provided for the trailer/laydown area. How many and what type of gates are required? Is barb wire required? What is the height of the fencing?

Response: Provide self-supporting 72" high galvanized steel pipe chain link fencing around the perimeter of the trailer/laydown area. Provide (2) 8' wide swinging gates with lockable latches. Barb wire is not required.

5. Question: Please clarify whether the trailer/laydown area requires a stone layer. And if so confirm which contract is responsible for providing it.

Response: The .4 contractor to provide a stone layer.

6. Question: Under Base Bid #4 the EC is responsible for replacing feeders 1A, 2A, 1B, and 2B shown on Dwg E-002, however those feeders are shown with a line break which normally implies they extend to an unspecified distance. Please provide a drawing that shows the actual locations of MDP2 and MDP3 in relation to the feeders. If a drawing showing their locations cannot be provided will the locations of both MDP's be accessible for visit at the Prebid meeting.

Response: Approximate feeder lengths of 1A, 2A, 1B, and 2B extending to MDP2 and MDP3 are as follows:

Feeder 1A: 400'

Feeder 2A: 502'

Feeder 1B: 402'

Feeder 2B: 520'

7. Question: Dwg E-102 There is a detail marker for Detail 4 on Dwg E-101 shown at the new sidecar pull box on the existing 3000kVA transformer. However, Detail 4 on Dwg E-101 is a picture of the existing main switchgear. Please advise.

Response: The callouts (detail markers) on drawing E-102 have been revised to reference the correct drawing number.

8. Question: Is it acceptable for the power for the DGS office trailer and contractor trailers to be fed from the boiler building?

Response: Power for the DGS office trailer and contractor trailer to be fed from existing PECO temporary power service pole located within the laydown area.

9. Question: Dwg E-201 Keynote 2 states, "PROVIDE TWO (2) 2200VA EMERGENCY LIGHTING INVERTERS AT THIS LOCATION. LIGHTING INVERTERS SHALL BE FLOOR MOUNTED AND STACKED, 'INV1' MOUNTED LOW AND 'INV2' MOUNTED HIGH. REFER TO DETAILS IN E600 SERIES FOR ADDITIONAL INFORMATION." However, we are not seeing a detail in the E600 series for the lighting inverters. Please advise.

Response: Added Detail 6 on Drawing E-602 "EMERGENCY LIGHTING INVERTER SCHEMATIC WIRING DIAGRAM".

10. Question: Can't find series E-100 or E-500 drawings?

Response: Bidding documents are available on ebuilder.

11. Question: Please verify that each contractor is responsible for their own dumpster.

Response: Each contractor is responsible for providing their own dumpster.

12. Question: In the interest of a complete price could you please give an estimated distance of conduit wire runs feeding loads in the prison.

Response: Approximate feeder lengths of 1A, 2A, 1B, and 2B extending to MDP2 and MDP3 are as follows:

Feeder 1A: 400'

Feeder 2A: 502'

Feeder 1B: 402'

Feeder 2B: 520'

13. Question: Single line shows 480/277 volts feeding the ex 15KV SWGR main service feed is this a typo?

Response: Drawings revised to indicate service voltage of 13.2/7.62kV.

14. Question: After reviewing addendum 2 we believe that just the Electrical 0.4 Contract bid needs to be delivered via hard copy to Harrisburg. We just want to confirm that the bid documentation submitted for all other contracts will just need to be uploaded via e-builder. Please advise.

Response: Only the .4 contract needs to be delivered via hard copy to Harrisburg.

15. Question: Please provide a list of the bid documents that are required to be submitted for the GC Contract.

Response: Refer to bid eBuilder for required bid documents to be submitted.

16. Question: Please confirm that no MBE/WBE paperwork is required for the GC portion of this contract.

Response: MBE/WBE is required only for the .4 contract on this project.

17. Question: Is the temporary fencing for the laydown area to be removed at the end of the project, or is it to be left in place?

Response: The temporary fencing for the laydown area is to be removed at the end of the project.

18. Question: Dwg E-502 shows feeders 1A, 2A, and 1B, 2B being demoed under BB#2 and BB#3. These feeders are being replaced under BB#4. Please verify that the feeders should be demoed only under BB#4.

Response: Feeders 1A, 2A, and 1B, 2B should be demoed under BB#4 only.

19. Question: Dwg E-101 Keynote 4 States "INSTALL VACUUM CIRCUIT BREAKER (PROVIDED BY CLIENT AGENCY). TEST CIRCUIT BREAKER PRIOR TO ENERGIZING TO ENSURE FUNCTIONALITY." However, on Dwg E-102 Keynote 1 states "THE CLIENT AGENCY TO PROVIDE 1200A BREAKER AND INSTALL IN THE SECOND MAIN CUBICLE PRIOR TO THE START OF CONSTRUCTION." Please clarify who is responsible for the installation and testing of the client furnished breaker.

Response: The .4 contractor is responsible to test and install the client furnished vacuum circuit breaker.

20. Question: Will a second site visit for bidding contractors be scheduled?

Response: An optional second site visit is scheduled for Thursday 3/12/2026 at 9:00AM to meet with Mr. Pierce from the institution for a walkthrough. Attendees should meet at the Boiler Plant building.

DRAWING CHANGES - ALL CONTRACTS

1. The following attached drawings are being re-issued, with changes indicated:

- a. Drawings E-101, E-102, E-103, E-104, E-105, E-501, E-502, E-503: Voltage feeding 'EX 15KV SWGR' revised to read: "EX UTILITY FROM PECO 13.2/7.62KV"
- b. Drawing E-102: Reference markers on 1/E-102 revised to reference drawing E-102.
- c. Drawing E-301:

Added existing equipment to roof.

Added Keynote 1 to 1/E-301:

"DISCONNECT EXISTING EQUIPMENT. MAINTAIN EXISTING BRANCH CIRCUIT SERVING EQUIPMENT FOR REINSTALLATION. EXISTING BRANCH CIRCUIT MAY BE REMOVED BACK TO A CONVENIENT LOCATION FOR INTERCEPT AND EXTENSION."

Added Keynote 2 to 2/E-301:

"INTERCEPT, EXTEND, AND RECONNECT EXISTING BRANCH CIRCUIT MAINTAINED FROM DEMOLITION WORK FOR EXISTING EQUIPMENT. SIZES AND QUANTITIES OF CONDUIT AND CONDUCTOR SHALL MATCH EXISTING."

- d. Drawing E-602: Detail 6 'EMERGENCY LIGHTING INVERTER SCHEMATIC WIRING DIAGRAM' added.
- e. Drawing E-702: Enclosure on SWGR 'MVDS' schedule revised to 'NEMA-3R'.
- f. Drawing M-102: Added existing equipment to roof and plan note that reads: "DISCONNECT EXISTING EQUIPMENT IN ITS ENTIRETY & RENDER SAFE FOR REINSTALLATION."
- g. Drawing M-202: Added existing equipment to roof and plan note that reads: "REINSTALL EXISTING EQUIPMENT"

SPECIFICATION CHANGES – ALL CONTRACTS

1. Item 1 - N/A

Bidder shall give due consideration to the content of this Addendum in the preparation of his Proposal and shall so indicate in his Proposal in space provided herein.

Failure of a bidder to acknowledge receipt of this Addendum on his Proposal may be sufficient cause for rejection of the Bid.

END OF ADDENDUM