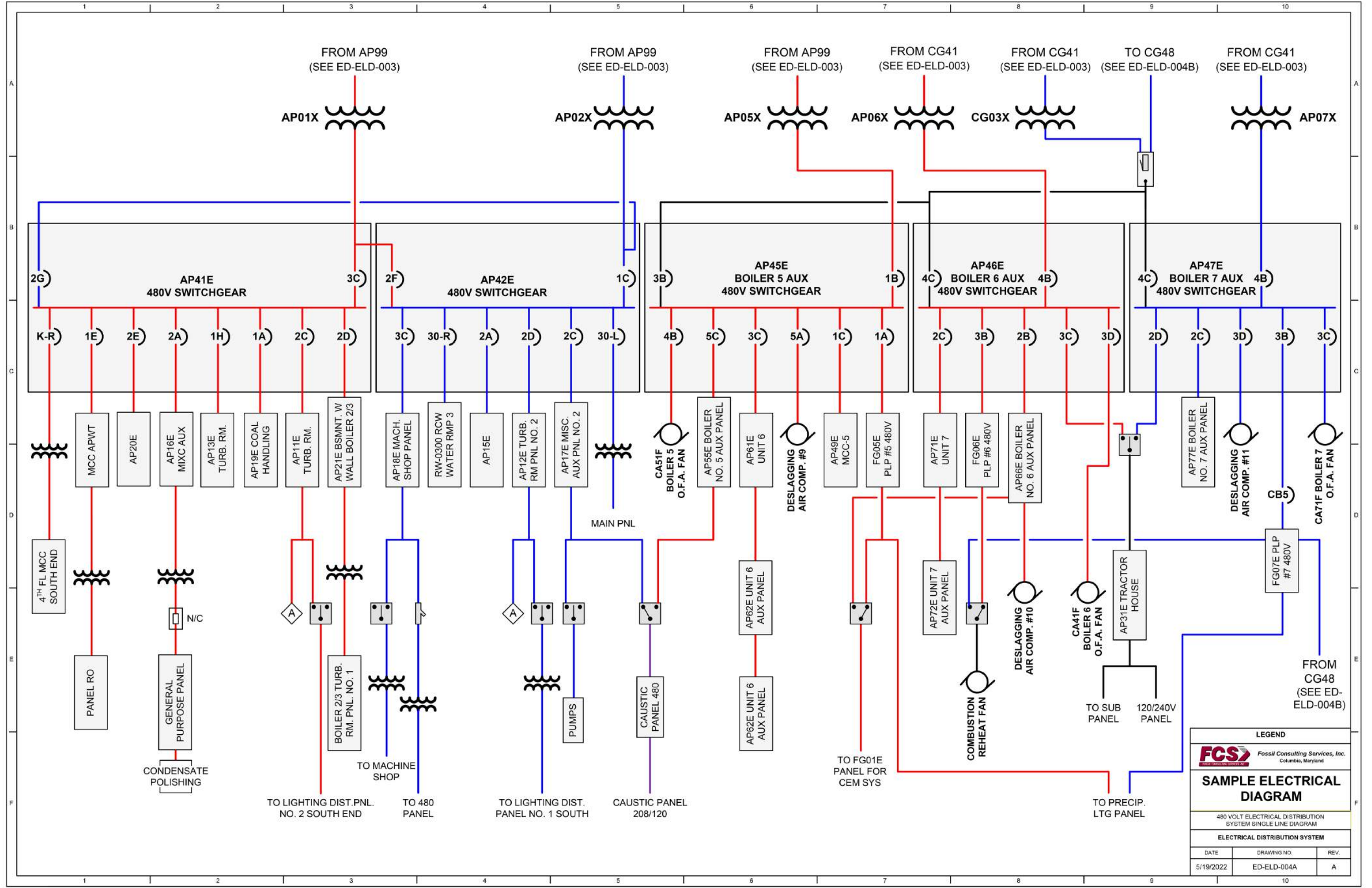
 Fossil Consulting Services, Inc. Columbia, Maryland		
SAMPLE ELECTRICAL DIAGRAM		
ELECTRICAL DISTRIBUTION BLOCK DIAGRAM		
ELECTRICAL DISTRIBUTION SYSTEM		
DATE	DRAWING NO.	REV.
3/23/2022	ED-ELD-001	A



LEGEND

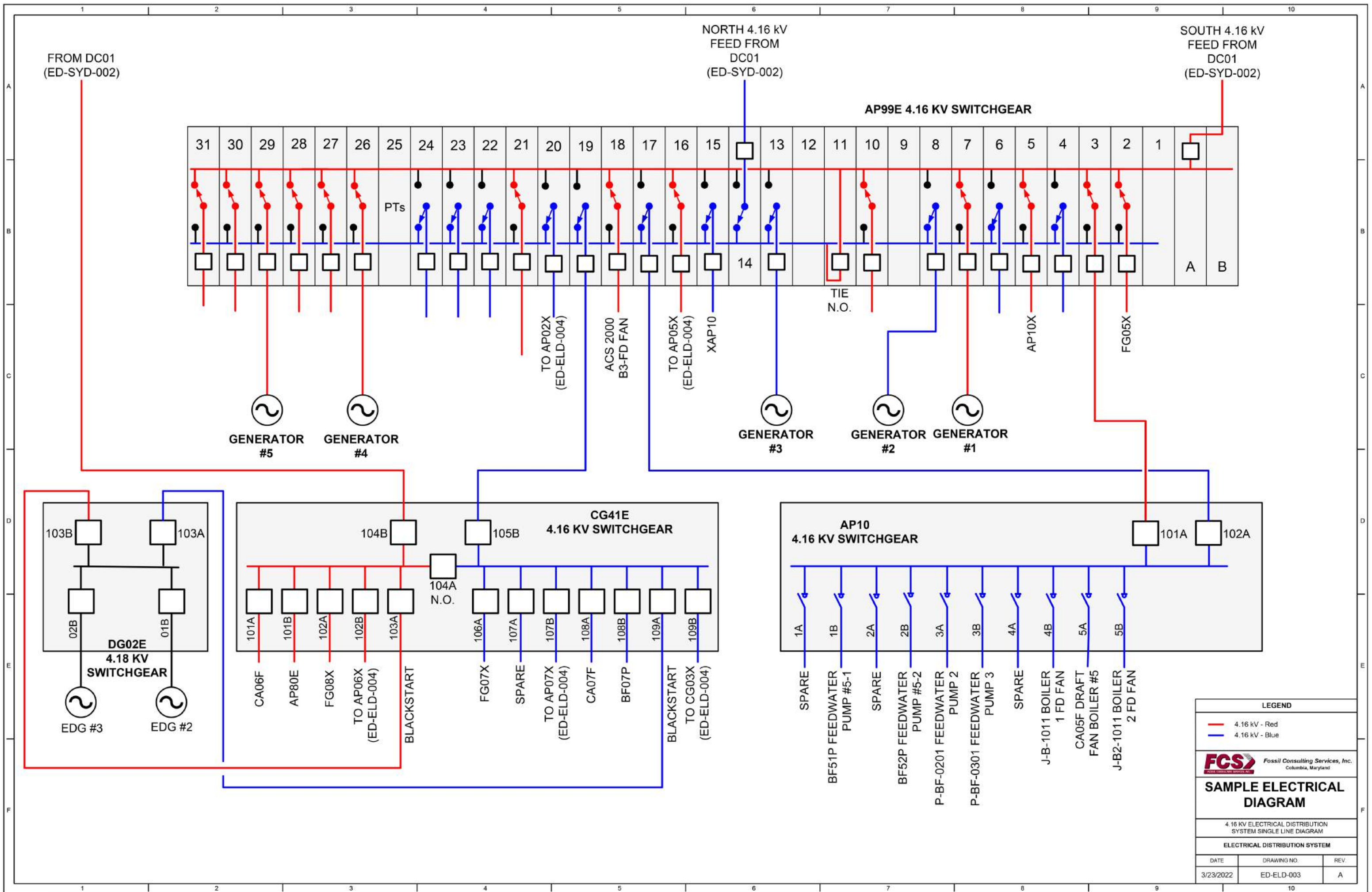
FCS Fossil Consulting Services, Inc.
Columbia, Maryland

SAMPLE ELECTRICAL DIAGRAM

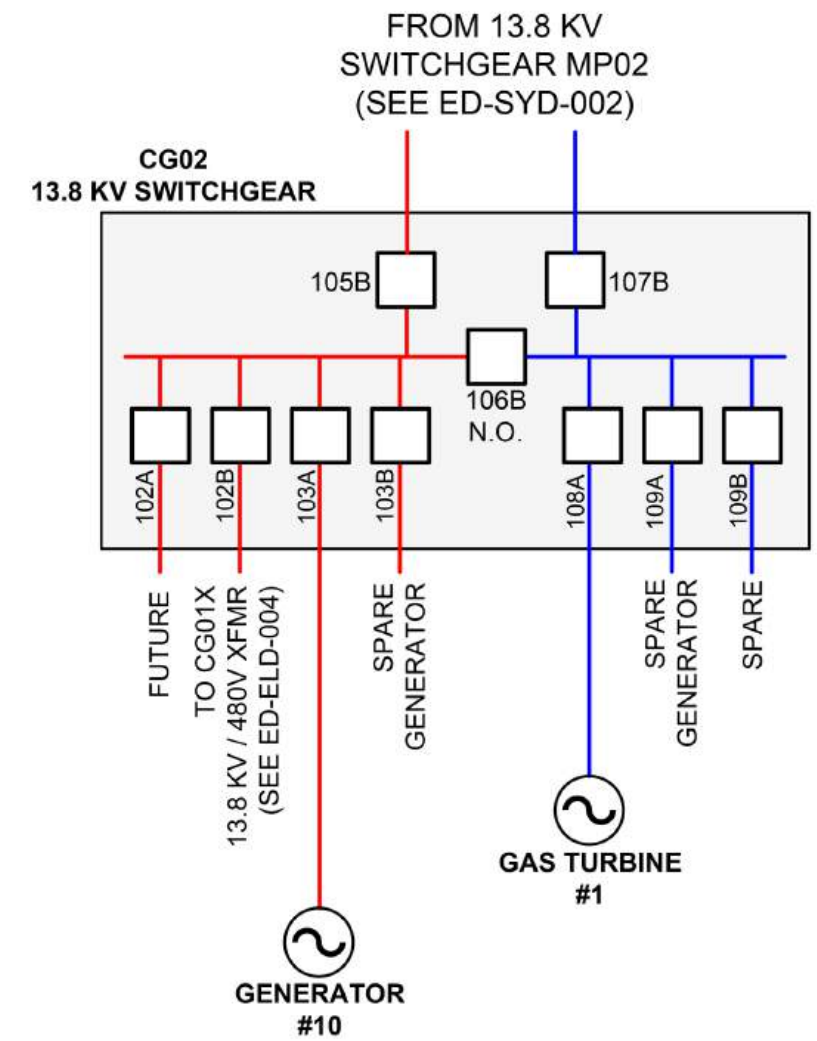
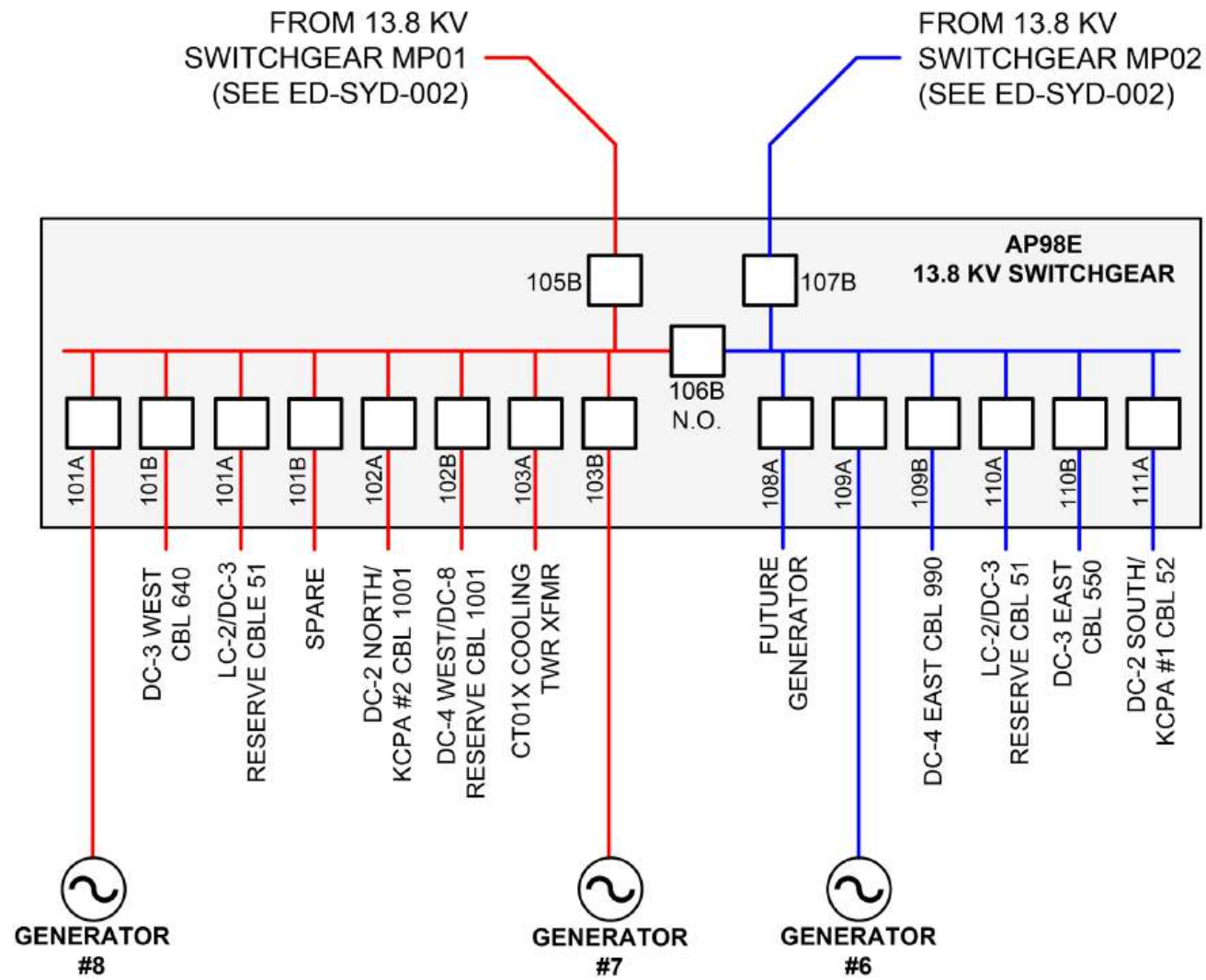
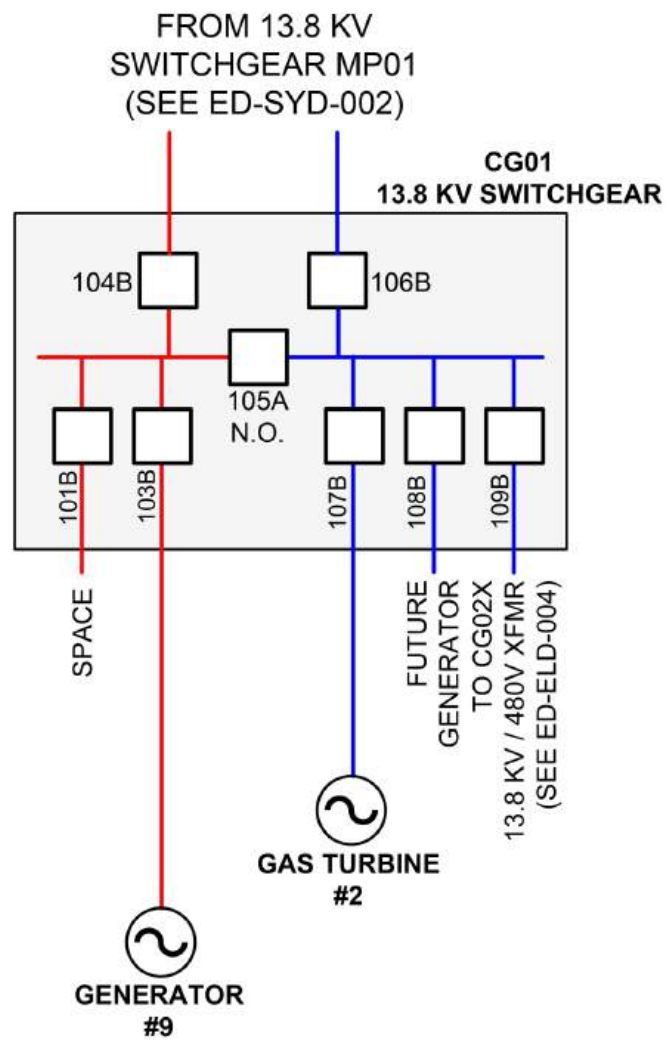
480 VOLT ELECTRICAL DISTRIBUTION SYSTEM SINGLE LINE DIAGRAM

ELECTRICAL DISTRIBUTION SYSTEM

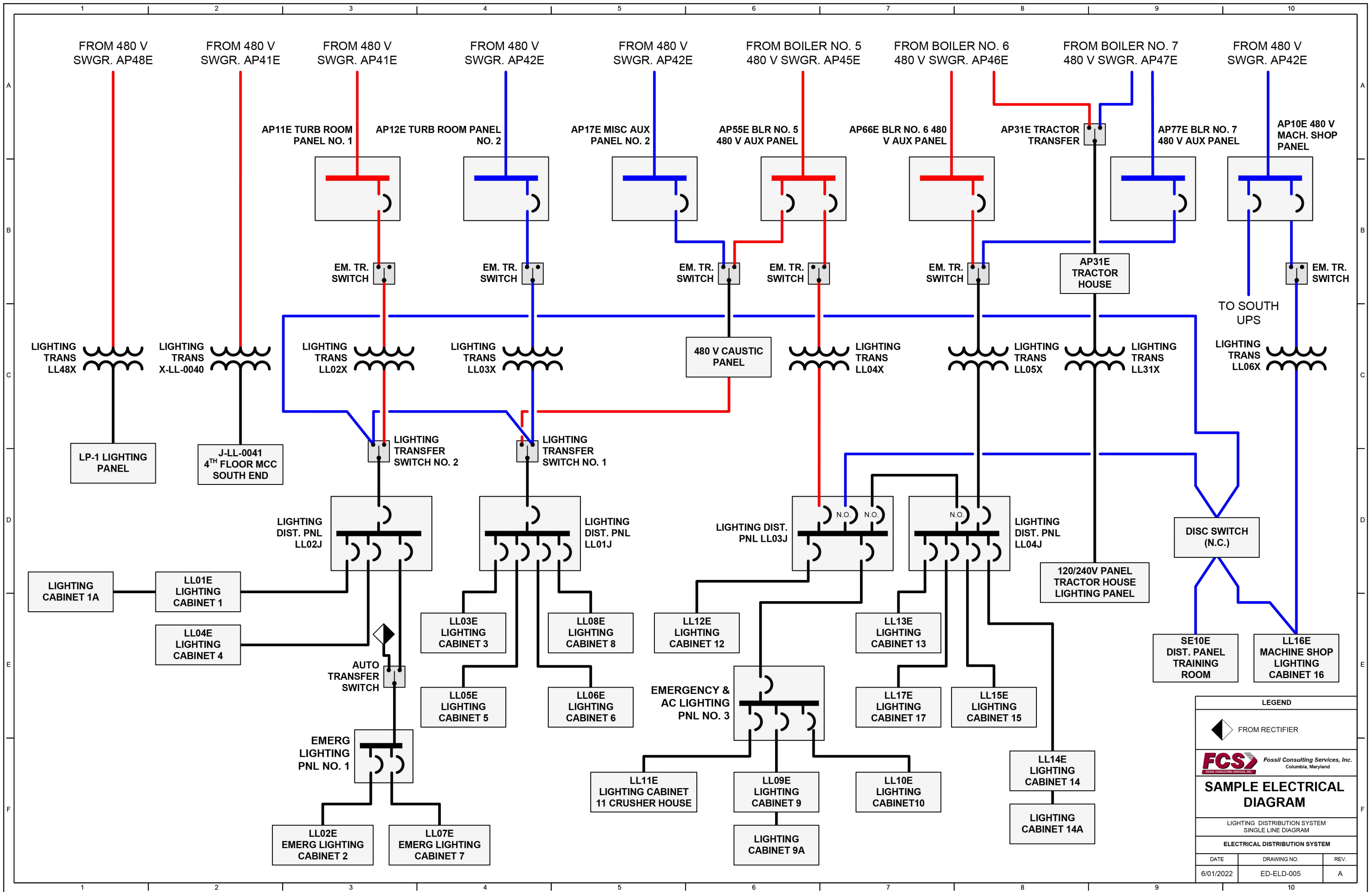
DATE	DRAWING NO.	REV.
5/19/2022	ED-ELD-004A	A




LEGEND		
—	4.16 kV - Red	
—	4.16 kV - Blue	
FCS Fossil Consulting Services, Inc. Columbia, Maryland		
SAMPLE ELECTRICAL DIAGRAM		
4.16 kV ELECTRICAL DISTRIBUTION SYSTEM SINGLE LINE DIAGRAM		
ELECTRICAL DISTRIBUTION SYSTEM		
DATE	DRAWING NO.	REV.
3/23/2022	ED-ELD-003	A



LEGEND		
	13.8 kV - Red	
	13.8 kV - Blue	
Fossil Consulting Services, Inc. Columbia, Maryland		
SAMPLE ELECTRICAL DIAGRAM		
13.8 KV ELECTRICAL DISTRIBUTION SYSTEM SINGLE LINE DIAGRAM		
ELECTRICAL DISTRIBUTION SYSTEM		
DATE	DRAWING NO.	REV.
3/23/2022	ED-ELD-002	A



LEGEND

 FROM RECTIFIER

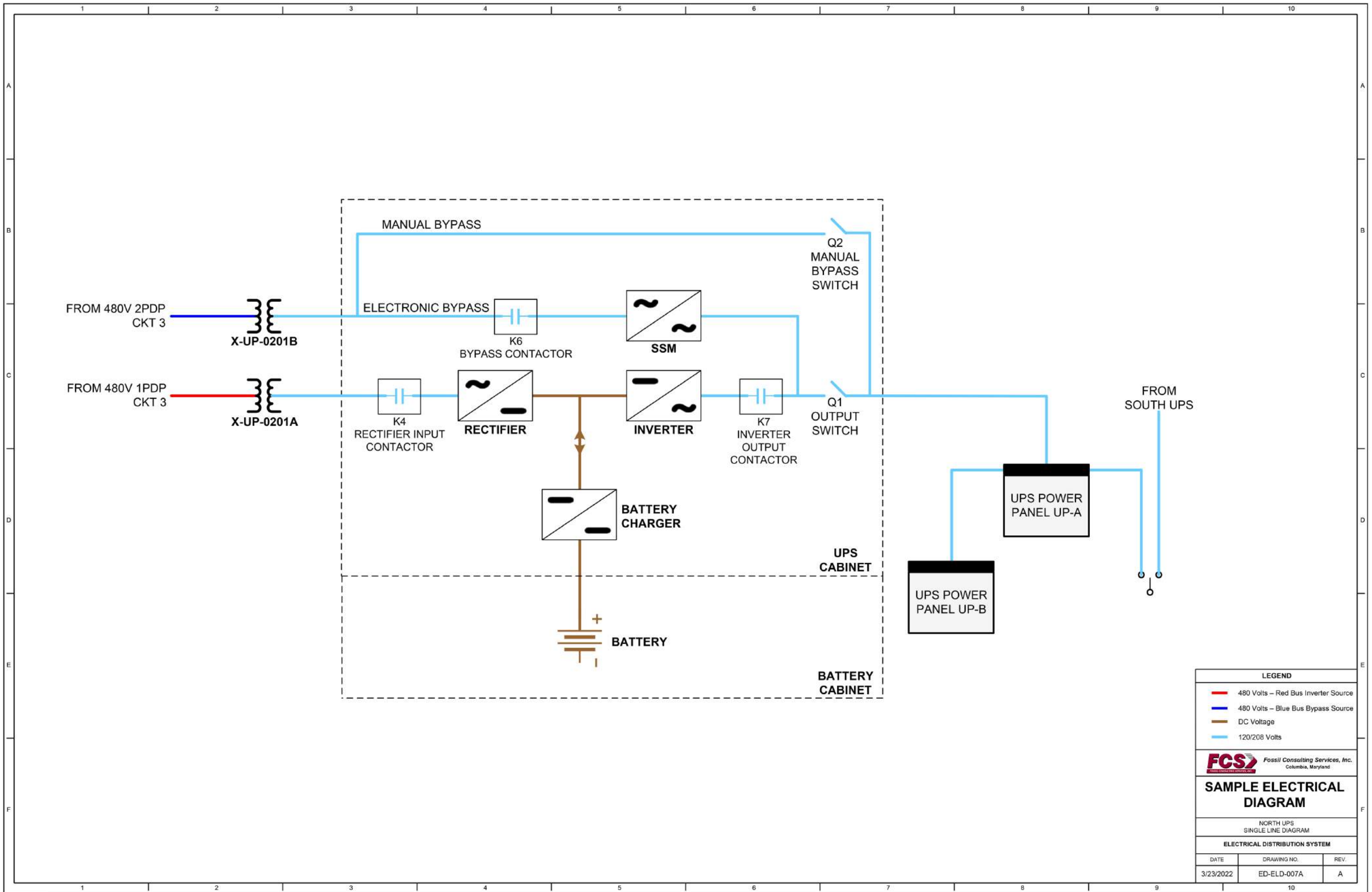
FCS Fossil Consulting Services, Inc.
Columbia, Maryland

SAMPLE ELECTRICAL DIAGRAM

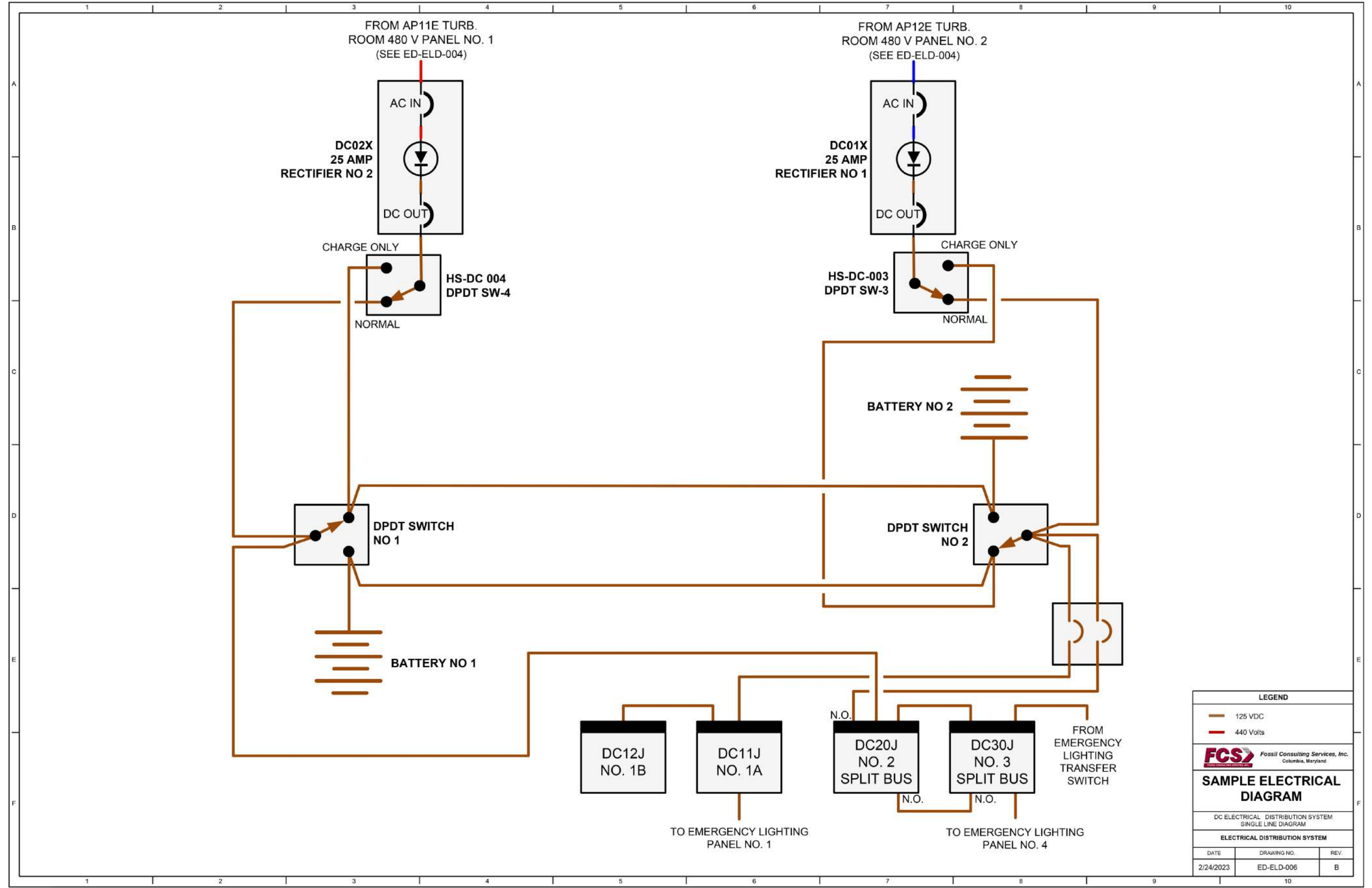
LIGHTING DISTRIBUTION SYSTEM
SINGLE LINE DIAGRAM

ELECTRICAL DISTRIBUTION SYSTEM

DATE	DRAWING NO.	REV.
6/01/2022	ED-ELD-005	A

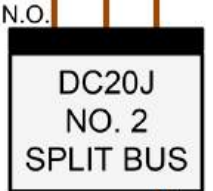
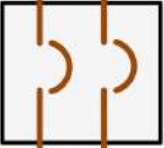
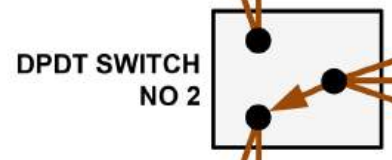
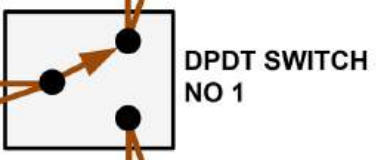
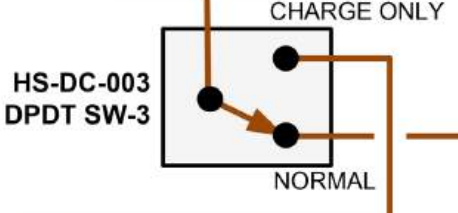
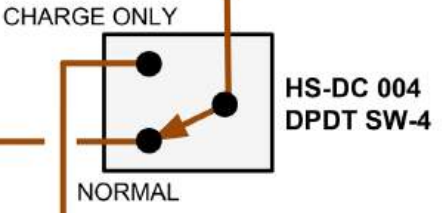
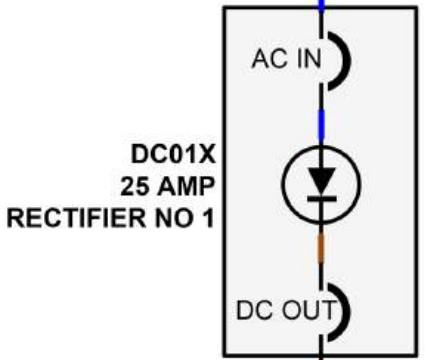
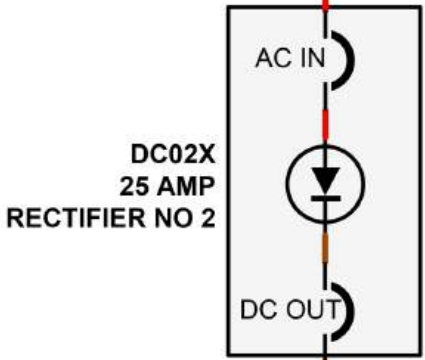


LEGEND		
—	480 Volts – Red Bus Inverter Source	
—	480 Volts – Blue Bus Bypass Source	
—	DC Voltage	
—	120/208 Volts	
FCS Fossil Consulting Services, Inc. Columbia, Maryland		
SAMPLE ELECTRICAL DIAGRAM		
NORTH UPS SINGLE LINE DIAGRAM		
ELECTRICAL DISTRIBUTION SYSTEM		
DATE	DRAWING NO.	REV.
3/23/2022	ED-ELD-007A	A



FROM AP11E TURB.
ROOM 480 V PANEL NO. 1
(SEE ED-ELD-004)

FROM AP12E TURB.
ROOM 480 V PANEL NO. 2
(SEE ED-ELD-004)



TO EMERGENCY LIGHTING
PANEL NO. 1

TO EMERGENCY LIGHTING
PANEL NO. 4

LEGEND		
	125 VDC	
	440 Volts	
Fossil Consulting Services, Inc. Columbia, Maryland		
SAMPLE ELECTRICAL DIAGRAM		
DC ELECTRICAL DISTRIBUTION SYSTEM SINGLE LINE DIAGRAM		
ELECTRICAL DISTRIBUTION SYSTEM		
DATE	DRAWING NO.	REV.
2/24/2023	ED-ELD-006	B