

1. CONTROLS CONTRACTOR TO PROVIDE PANEL MOUNTED POWER SUPPLY IN EACH BMS CONTROL PANEL.
2. LOSS OF COMMUNICATIONS BETWEEN BMS/EPMS AND EQUIPMENT SHALL TRIGGER AN ALARM AT THE OPERATOR WORKSTATION.
3. CONTROLS CONTRACTOR TO FURNISH AND INSTALL SUFFICIENT HARDWARE AND SOFTWARE CAPACITY TO ACCOMMODATE FUTURE EQUIPMENT IN THE DAY 1 BUILD.

1	BMS/PEPS NETWORK CABINET/FURNISHED AND INSTALLED BY THE CONTROLS CONTRACTOR IN ACCORDANCE WITH THE BMS/PEPS NETWORK DESIGN IN COMPLIANCE WITH OWNER SPECIFICATION
2	SUPERVISORY SERVER HARDWARE AND REDUNDANCY CAPABILITY PROVIDED BY THE CONTROLS CONTRACTOR
3	DUAL 120VAC POWER CIRCUITS (BY OTHERS) FROM DIFFERENT UPS PANELS TO CONTROL CONTRACTOR PROVIDED CONTROLLER AND POWER SUPPLY DEDICATED TO EACH PANEL AND NOT SHARED WITH ANY OTHER PANEL OR PANELS. THE CONTROLS CONTRACTOR SHALL PROVIDE AND INSTALL ALL HARDWARE REQUIRED FOR THE CONTROLS CONTRACTOR TO RECEIVE POWER ON ANY COMPONENT OR SOURCE FAILURE SHALL BE SEAMLESS AND NOT CAUSE ANY INTERRUPTION IN SYSTEM OPERATION OR INSTRUMENTATION
4	CONTROLS CONTRACTOR PROVIDED CONTROL PANEL, FURNISH AND INSTALL SENSORS IN QUANTITIES AND AT LOCATIONS INDICATED BY THE FLOOR PLAN AND POINTS LIST
5	ENVIRONMENT VENDOR PROVIDED CONTROLLER.
6	CONTROLS CONTRACTOR SHALL INTERFACE TO EQUIPMENT SUPPLIER AND PROVIDE HARDWARE TO FACTORY FURNISHED TERMINAL STRIP. REFERENCE CONTRACTOR SHALL FURNISH THE DETECTOR.
7	ANY TERMINAL BLOCK CONTROLLER, CONTROLLER, CONTRACTOR SHALL FURNISH THE DDC CONTROLLER, ACTUATOR, DISCHARGE AIR TEMPERATURE SENSOR AND DISCHARGE AIR HUMIDITY SENSOR. IN THE FIELD, 24V CONTROL TRANSFORMER FURNISHED WITH THE TERMINAL BLOCK CONTROLLER.

[illegible][illegible]

NOT FOR CONSTRUCTION

SF - ARK01
DESIGN DEVELOPMENT
CLARKSVILLE, AR 72830

IC01-08

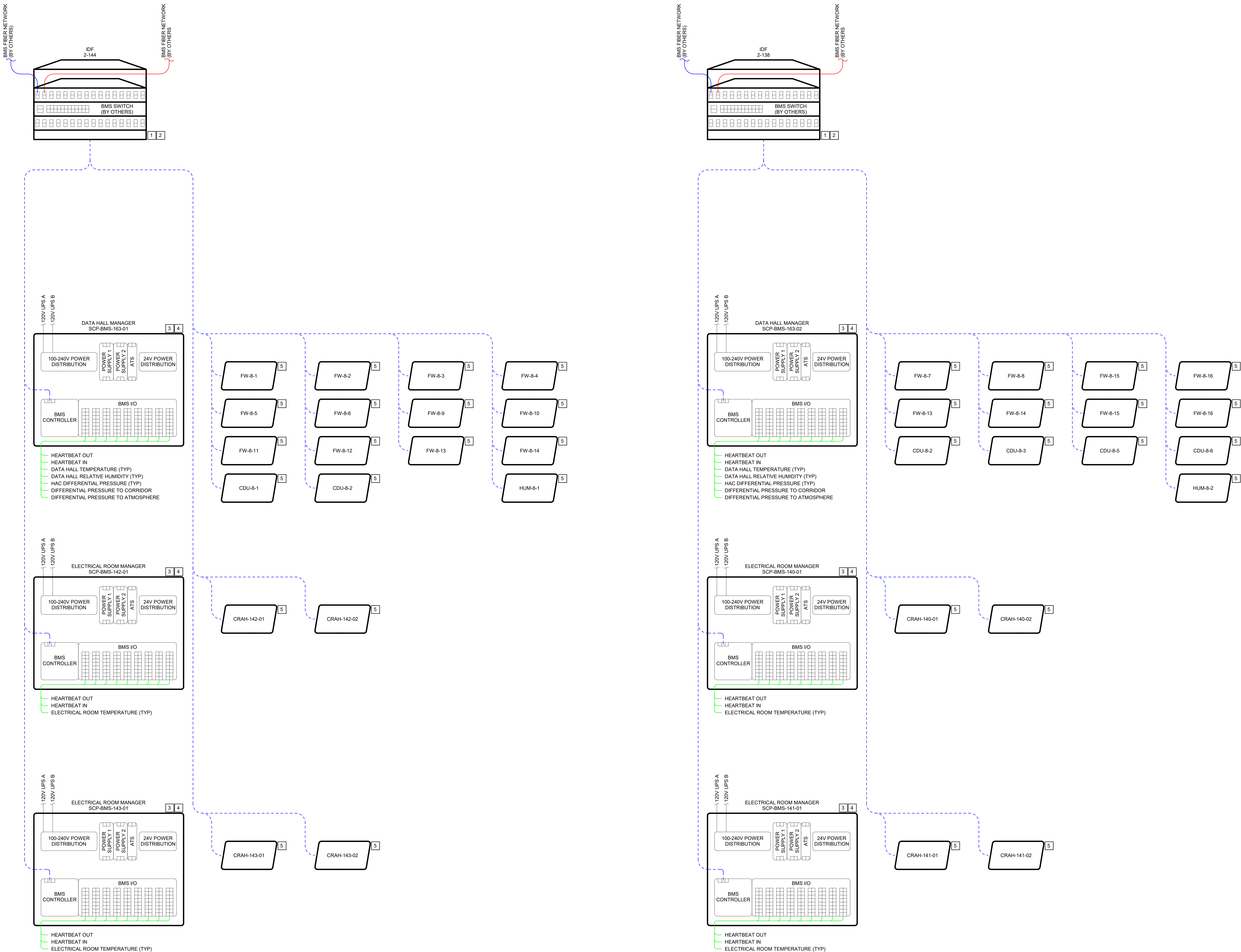


Diagram illustrating the components of a BMS system:

- NETWORK PANEL / RACK**: Represented by a rectangular box with a hinged top.
- NETWORK SWITCH**: Represented by a rectangular box with a grid of ports on the front.
- STANDALONE BMS CONTROL PANEL**: Represented by a simple rectangular box.
- EQUIPMENT**: Represented by a rectangular box with rounded corners.
- SENSOR/END DEVICE**: Represented by a long, thin rectangular box.
- NETWORK CONNECTION INTO BUILDING NETWORK**: Represented by a downward-pointing triangle.

	ETHERNET
	SINGLE-MODE FIBER LC/LC CONNECTORS
	RS485 COMMUNICATION INTERLOCK
	HARDWIRED INTERLOCK
	INTERLOCK WIRING BY CONTROLS CONTRACTOR
	MANUFACTURER INTERLOCK
	120VAC WIRING BY OTHERS INTERLOCK