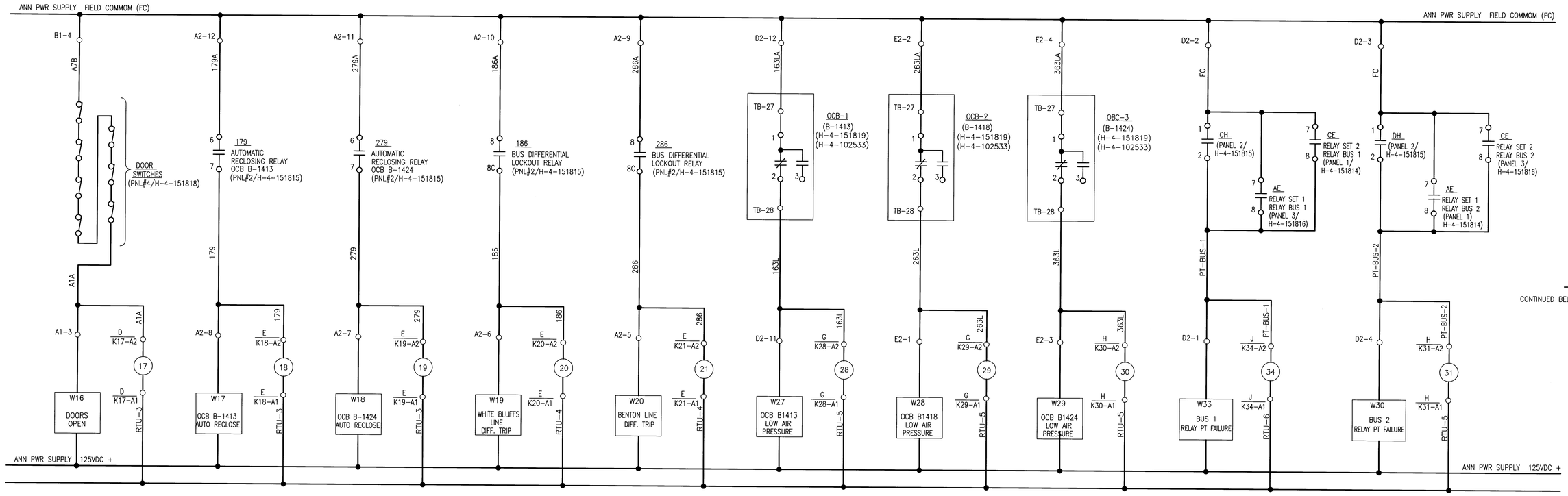

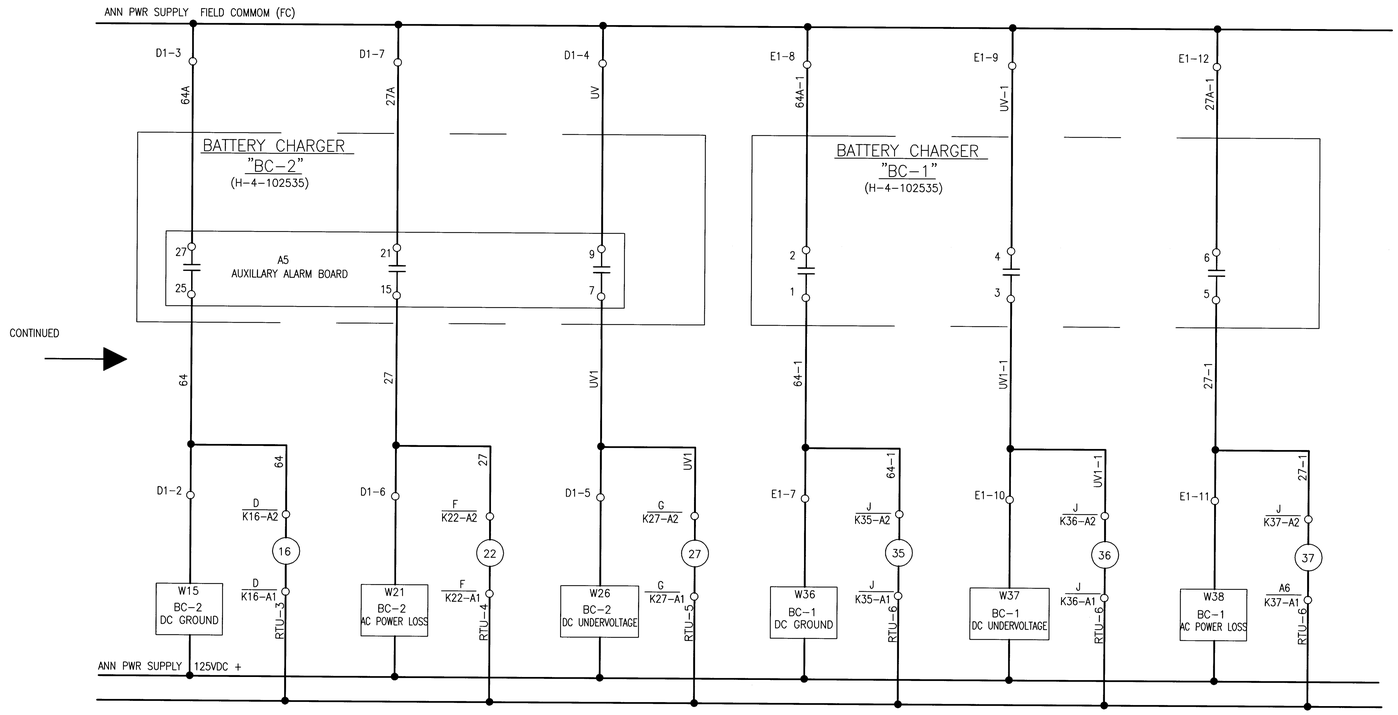

NOTE:
FOR GENERAL NOTES, LEGEND AND REFERENCE DRAWINGS, SEE SHEET 1

REF NUMBER	TITLE
H-4-302851 001	451B SCADA RACK LAYOUT
H-4-302852 001	451B RTU RACK ELECTRICAL
H-4-302853 001	451B RTU CHASSIS INTERCONN SCHEDULE
H-4-302854 1-2	451B RTU CHASSIS WIRING DIAGRAMS
H-4-302858 001	451B DC2-25 SCHEMATIC FOR SCADA-RTU PANEL
H-4-302877 1-2	451B RTU CHASSIS INDICATION MODULES SCHEMATIC DIAGRAM
H-4-302790 1,2	451B SCADA/ANNUN ALARM DIAGRAM

DWG NO | TITLE — REFERENCES
DRAWING TRACEABILITY LIST | NEXT USED ON | END ITEM

REV NO	DESCRIPTION	REV BY DATE	ENGR	COMPANY
RS 1	ISSUED PER ECR-10-0001923	CM 11/11 JEG / RC 11/11 JEG / JOP 1/13/12 MSA		MSA
0	HNF-FMP-09-40038-RO RDA ROB RELEASED PER			

REVISIONS

JUN 20 2012 DATE: STA: 5 ID: 22

	NAME	DATE	COMPANY
DRAWN BY	CL PARSONS	12/2008	FDG
CHECKED	M.F. ZAKRAJSEK		
DRAFTING APPR			
RESPONSIBLE ENG			
MFG	JM HACHE		MSA
DESIGN AUTHORITY	MF ZAKRAJSEK		

U.S. DEPARTMENT OF ENERGY
Richland Operations Office

SUBSTATION 451-B SCADA/ANNUN ALARMS SCHEMATIC DIAGRAM

SIZE	BLDG NO	INDEX NO	DWG NO	REV
F	4842A	8002	H-4-302790	1

SCALE NONE | EDT ECR-10-0001923 | SHEET 2 OF 2

17308 GTITLES.DWG (03-99)

DWG NO H-4-302790 SH OF REV 1