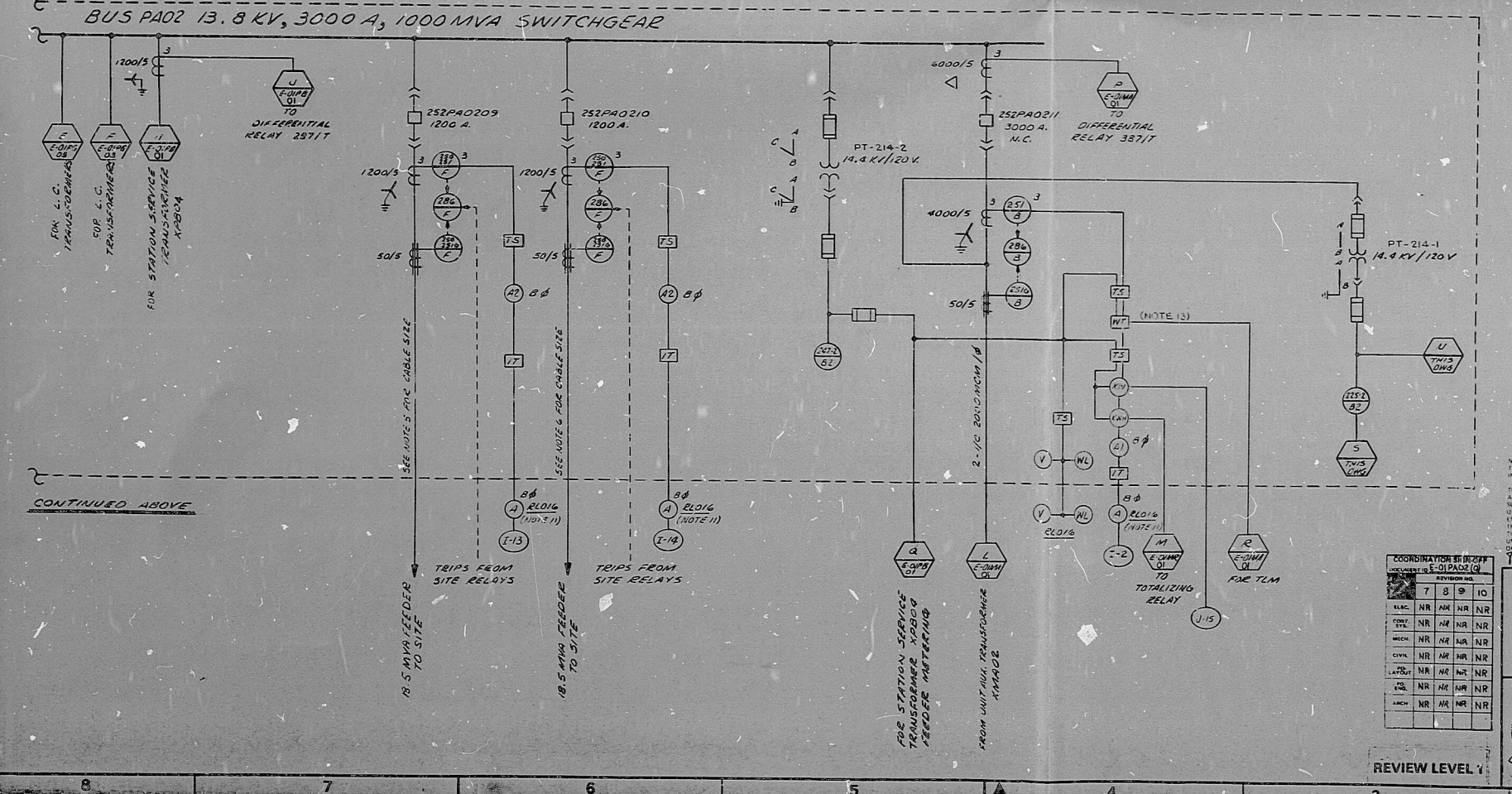


DEVICE	DESCRIPTION	MFG	TYPE	FILE NO.
225	Synchro-Vector Relay	W	2132-1-7512	
227	Bus Overcurrent Relay	GE	MC33A	21AC53A03A
228	Bus Ground Overcurrent Relay	GE	MC33A	21AC53A03A
229	Feeder Overcurrent Relay	GE	MC33B	21AC53B01A
230	Feeder Ground Overcurrent Relay	GE	MC33B	21AC53B01A
231	Motor Overcurrent Relay	GE	MC33A	21AC53A03A
232	Motor Ground Overcurrent Relay	GE	PJC	21AC11A
233	Motor Differential Relay	W	ITH	288714A17
234	Negative Sequence - Phase Balance Current Relay	W	CM	290894021
235	Bus Underfrequency Relay	W	SOP-1	3010 STATE RELAY WITH TEST MODULE
236	Negative Phase Sequence Bus Voltage Relay	W	CV3	735146A09
237	Motor Overcurrent Relay	GE	MC33A	21AC53A03A
238	Lockout Relay	GE	HEA	NOTE B
239	Bus Undervoltage Relay	GE	NGV	1260V1821A
240	Timer	W	TD-5	1920FS5A48
WL	White Light	GE	2716	416827085W
KW	Kilowatt Meter with AOCR Output	GE	AS-40	50-403-22A
KWH	Kilowatt Hour Meter	GE	DSN-43	METER WITH 0.5I PULSE OUTPUT
IT	Current Transducer	GE	472	50-4720110C
TS	Test Switch	W	FRI	NOTE 12
V	Voltmeter	GE	ABC-0	50-40302124Z
A1	Ammeter	GE	AS-40	50-403145U2Z
WT	Watt Transducer (Note 13)	GE	472	50-4720110D
A2	Ammeter	GE	AS-40	50-403145U2Z
A3	Ammeter	GE	AS-40	50-403145U2Z
DL	Room Lockout-Notch Distance Relay	W	KD-10	133895A11



NOTES:
 1. THESE ARE SAME AS ON E-01PA01
 2. KGL (KANISAS SITE) - 1-1000 MCM/1/8
 3. US (MISSOURI SITE - BOTH UNITS) - 2-750 MCM (TRIPLEX) + 2-250 MCM (TRIPLEX)
 4. CORE (KANISAS SITE) - 1-1000 MCM/1/8
 5. UE (MISSOURI SITE - BOTH UNITS) - 1-750 MCM (TRIPLEX)
 6. ALL WIRING AND EQUIPMENT ASSOCIATED WITH BUS PA02 IS SEPARATION GROUP A, EXCEPT AS OTHERWISE NOTED.
 7. FOR STYLE NUMBER OF DEVICE 286 SEE BECHTEL WP 10464-E-003-244.
 8. 3 THRU 13 SAME AS ON E-01PA01.

TI APERTURE CARD

NUMBER	VOLTAGE
4	4800V 25 KV
3	25 KV
2	13.8 KV
1	480 V.
NO NUMBER	480V & BELOW

REVISION	DATE	BY	DESCRIPTION
1			
2			
3			
4			
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COORDINATOR BY BECHTEL
 DRAWING NO. 10464-E-01PA02(Q) 10
 DATE 5-1-74 DESIGNED BY J. J. HARRIS
 CHECKED BY J. J. HARRIS
 APPROVED BY J. J. HARRIS
 BECHTEL
 GAITHERSBURG, MARYLAND
 SNUPPS
 HIGHER MEDIUM VOLTAGE SYSTEM
 13.8 KV SINGLE LINE
 METER AND RELAY DIAGRAM
 UTILITY DRAWING NO. 10464-E-01PA02(Q) 10
 SCALE 1" = 100'

8410090115

PDR RIDS

