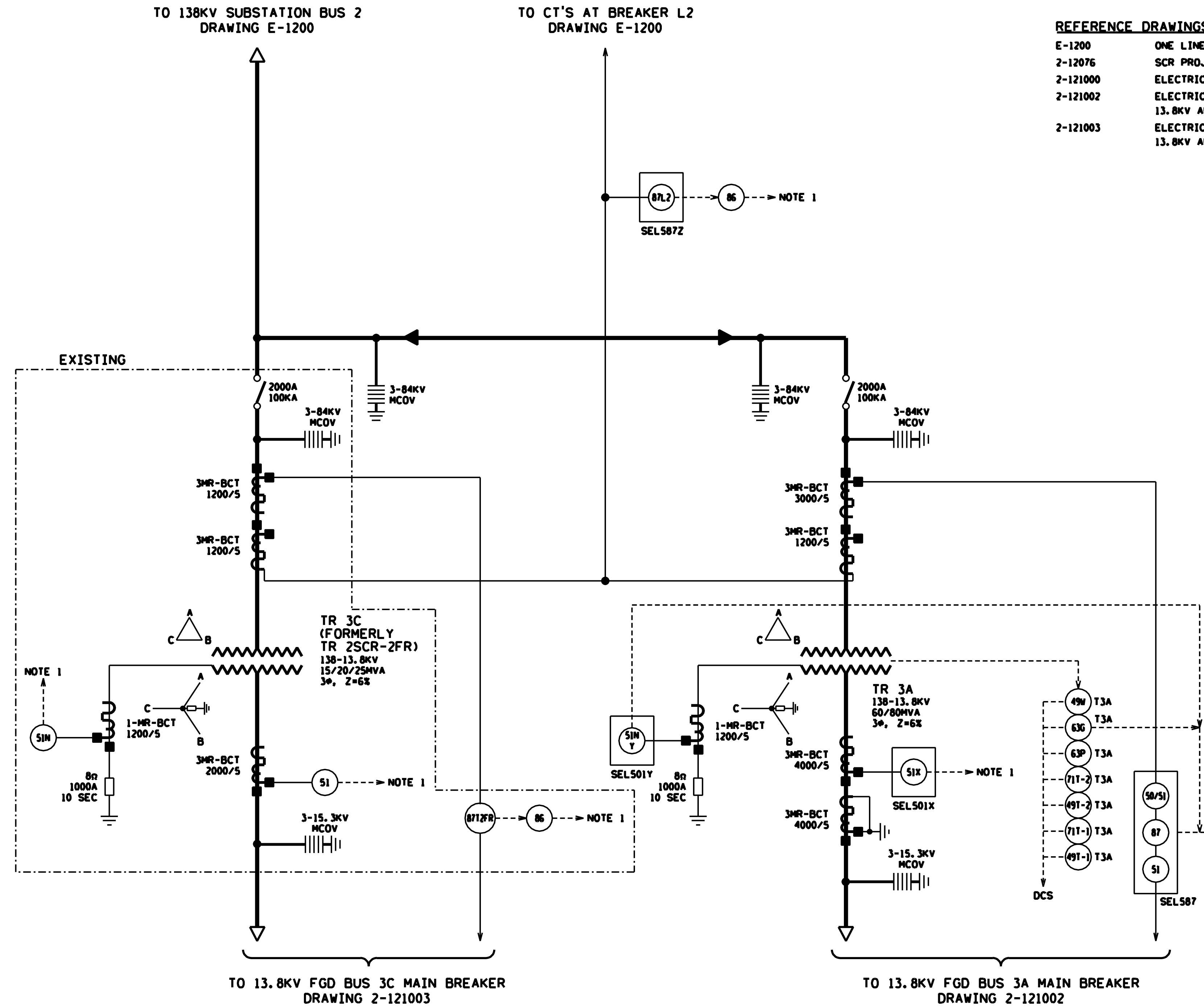
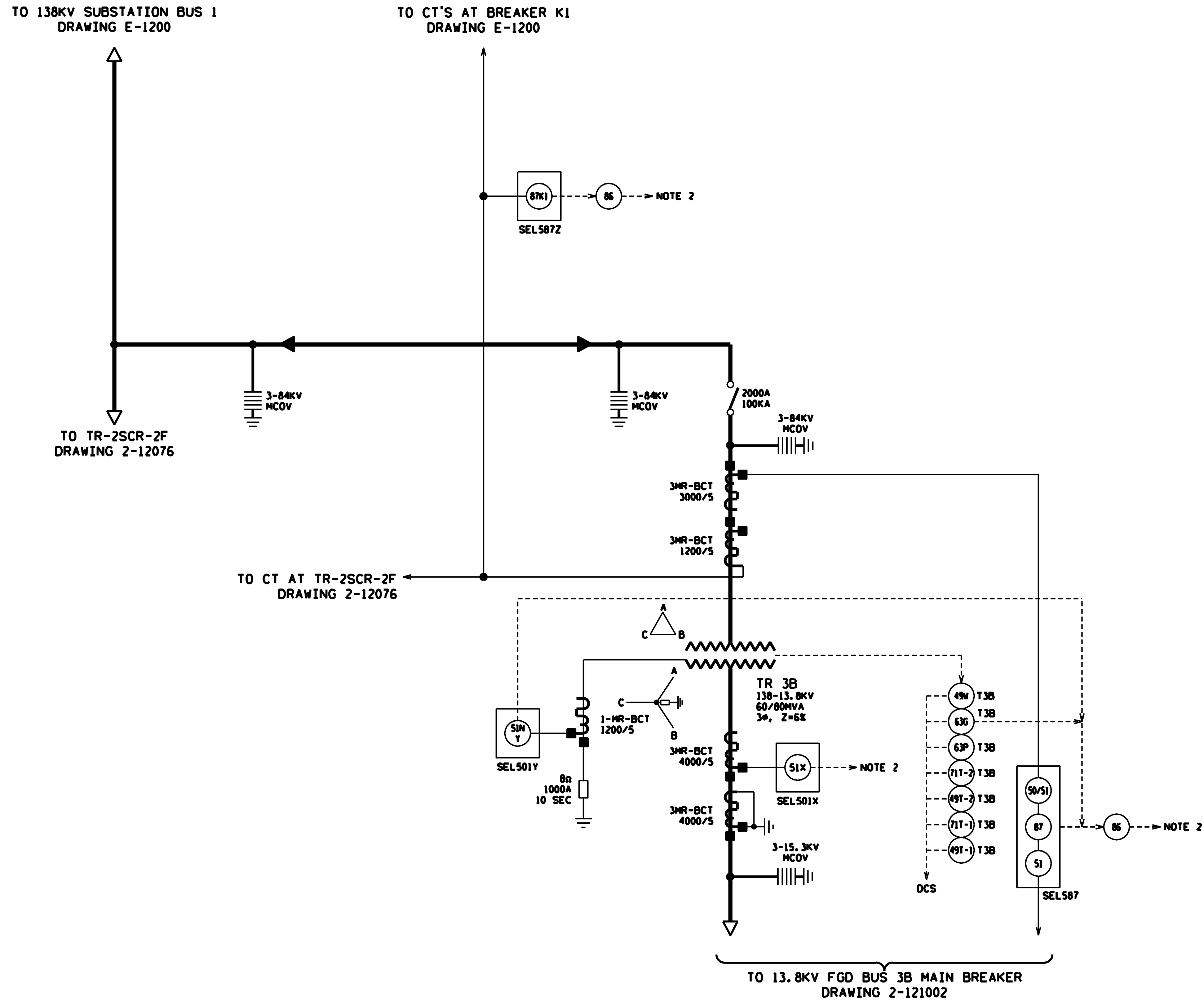


8-101121-2 'ON 3MG

DEVICE NO.	FUNCTION
49T-1	OIL TEMPERATURE TRIP
71T-1	OIL LEVEL TRIP
49T-2	OIL TEMPERATURE ALARM
71T-2	OIL LEVEL ALARM
63P	PRESSURE RELIEF ALARM
63G	HIGH/LOW GAS SYSTEM ALARM (BUCHHOLZ)
49W	HIGH WINDING TEMPERATURE ALARM

- NOTES:**
- TRIP & BLOCK CLOSE L2, BUS 3A & 3C MAIN BREAKERS, ARM L2 BPR BREAKER FAILURE, DCS
 - TRIP & BLOCK CLOSE K1, BUS 3B MAIN BREAKER, BUS 2F BRKR 2F1, ARM K1 BPR BREAKER FAILURE, DCS
 - DCS ANALOG INPUTS 4-20ma
 - TAG NUMBERS AND NUMBERS ON HOLD

REFERENCE DRAWINGS:	
E-1200	ONE LINE DIAGRAM
2-12076	SCR PROJECT AUX ONE UNIT 2
2-121000	ELECTRICAL FGD PROJECT ONE LINE DIAGRAM LEGEND
2-121002	ELECTRICAL UNIT 2 FGD SWGR 3A AND 3B
13.8KV AUX ONE LINE DIAGRAM	
2-121003	ELECTRICAL UNIT 2 FGD SWGR 3C
13.8KV AUX ONE LINE DIAGRAM	



ISSUE FOR DRB REVIEW						
B	02/14/06	CH	KAW	JBA	YRT	SJC

A ISSUED FOR REVIEW AND COMMENTS.

A	12/08/05	CH	KAW	JBA	YRT	SJC	FGN
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REV	DATE	DRAWN	CHECKED	DESIGNED	ENGINEER	LEAD DES	PROJECT
1							

DATE	NO.	DESCRIPTION	APPRO.
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REVISIONS

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WorleyParsons
resources & energy

PRELIMINARY STATUS DATE 12/08/05 REPRESENTS GENERAL DESIGN CONCEPTS BASED ON ASSUMPTIONS. REVIEWED NOT CHECKED.

APPROVED STATUS DATE REPRESENTS REVIEWED AND APPROVED DESIGN. ANY PORTION MARKED "HOLD" RETAINS PRELIMINARY STATUS.

ORIGINATING PERSONNEL PROFESSIONAL ENGINEER'S SEAL

DRAWN BY CH

CHECKED BY

LEAD DESIGNER KA WALSH

ENGINEER/TECH SPECIALIST JB ANICH

PROJECT ENGINEERING MANAGER SF CASTLE

PROJECT MANAGER SJ PIEKOS

APPROVED BY DATE

DATE

DATE

KENTUCKY POWER COMPANY
BIG SANDY PLANT
BIG SANDY KENTUCKY

FGD/SCR SUBSTATION
ONE LINE

DWG. NO. **2-121101-B**

SCALE: NONE ELECTRICAL & CONTROLS ENGINEERING DIV.

DOCUMENT
PREPARED BY
PARSONS E&C

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