



**INFORMATION**  
THIS DOCUMENT IS  
SUBJECT TO REVISION  
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**REF DWGS**  
0-E-0105  
0-E-1005  
1-E-6000  
1-E-6037  
0223R099B  
5H344

**ELEC WIRING STDS & SYMBOLS**  
ONE LINE DIAGRAM, 13.8 KV EMER SERVICE  
ELECTRICAL LEGEND SHEET MED. VOLT. SYS.  
CWD 13.8KV FDR BKR EIA(E)  
TO XFMR EIA  
GE 13.8KV SWGR. ELEM. DIAG  
(E159X350-GE 4 E159X351-GE)

**LEGEND**  
☐ - LOCATED AT 4160V SWGR EIA

**TERA APERTURE CARD**

**CS-MB (10352)**

CONTACTS (HANDLE END)	POSITION					USE
	CLOSE	NORM	AFTER TRIP	TRIP	PULL TO LOCK	
1 1C2C2	1	X				CONT
0100010	2	X				SP
3 3C4C4	3			X	X	CONT
0100010	4			X	X	SP
5 5C6C6	5		X	X	X	SP
0100010	6		X	X	X	SP
7 7C8C8	7		X	X	X	SP
0100010	8	X	X	X		SP
9 9C10C10	9	X	X			ALARM
0100010	10	X	X			ALARM

SPRING RETURN TO CENTER  
X-DENOTES CONTACT CLOSED  
GE SBM

**CS/TEST**

CONTACTS (HANDLE END)	POSITION			
	CLOSE	NORM	TRIP	USE
IT 1 2 2T 1			X	CONT
0100010 2	X			CONT

SPRING RETURN TO NORMAL  
X-DENOTES CONTACTS CLOSED  
GE SBM

**NOTES**  
1. ALL BKR POSITION INDICATING LIGHTS EXCEPT THE GREEN LIGHT AT THE SWGR MONITORS THE TRIP COIL CONTINUITY

☐ 13.8KV SWGR  
ELECT. EQUIP. NO. 7E151ES&SIL,CUB1#2

TO COMPUTER  
PT BD 3075  
13.8 KV EMER. BUS IL  
FDR BKR

ANNL PANEL NO  
(CP-010)  
WINDOW NO 7-10  
"13.8KV BUS IL  
XFMR EIA BKR  
TRIPPED"

PERMISSIVE TO OPEN & CLOSE  
MDS-EIA(E)  
DWG 1-E-4046

PERMISSIVE TO CLOSE  
BKR EIA(N)  
DWG 1-E-4007

DATE	DESCRIPTION	BY	CHK	PROJ	PROJ	DATE	DESCRIPTION	BY	CHK	PROJ	PROJ	DATE
	REVISED AS NOTED	CD										
	ISSUED FOR USE	VI	RB									
	ISSUED FOR REVIEW	VI	RB									

**Brown & Root Inc.**  
ENGINEERS-CONSTRUCTORS  
HOUSTON, TEXAS

**SOUTH TEXAS PROJECT**

**ELECTRICAL ELEMENTARY DIAGRAM**  
13.8KV FDR BKR EIA(E)  
TO XFMR EIA

CONTRACT NO. SCALE  
CR-0241 NONE

DRAWING NO 6-E-15  
1-E-4037-C

PKG: 029 SUFF: 104 ACT: 581

**BROWN & ROOT INC.**  
MICROFILM SERVICES



MONDAY, FEB. 23 1980

MICROFILMED FEB 25 80

MICROFILMED JUN 29 1977

RIDS

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