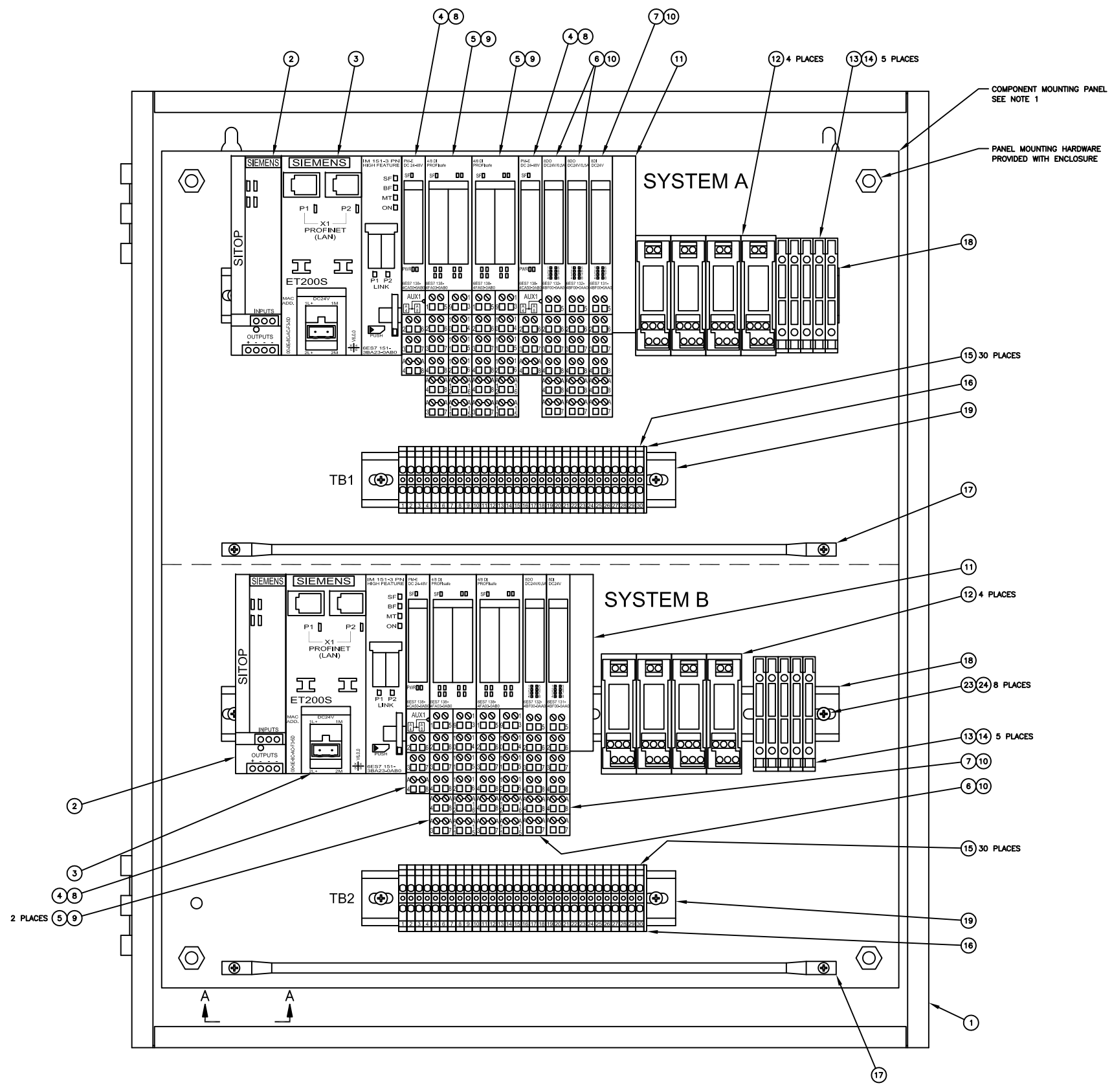
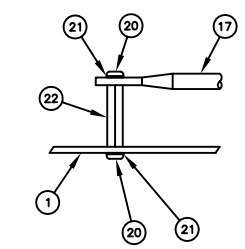
TG01A-JB2





SECTION A–A
TYPICAL 4 PLACES

NOTES

1. COMPONENT MOUNTING PANEL IS PART JUNCTION BOX(ITEM 1). FOR FABRICATION DETAILS SEE JEFFERSON LAB DWG NO. S0554E01.
2. JUNCTION BOX IS SHOWN WITH COVER PANEL REMOVED.

QTY REQD	ITEM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	T.NAF STOCK NO.
8	24	—	#10–32 UNC–2B KEPNUT	STEEL/ZINC	5310–44012
8	23	—	#10–32 UNC–2A X 1/2" LONG PHILLIPS PAN HEAD SCREW	SS	5305–60250
4	22	KEYSTONE 2212	#6–32 UNC–2A X 1" LONG HEX STANDOFF	ALUMINUM	5310–92030
8	21	—	#6 INTERNAL TOOTH LOCKWASHER	SS	5310–86010
8	20	—	#6–32 UNC–2A X 3/8" LONG PHILLIPS PAN HEAD SCREW	SS	
2	19	PHOENIX 1201730	DIN RAIL, L=7–7/8", W=35mm, D=15mm, NS35115PERF–2000	STEEL	—
2	18	PHOENIX 1201730	DIN RAIL, L=15–1/2", W=35mm, D=15mm, NS35115PERF–2000	STEEL	—
2	17		WIRE TIE–DOWN RAIL	STEEL	
2	16	PHOENIX D–UK 4/10	TERMINAL BLOCK COVER	PLASTIC	—
60	15	PHOENIX 3002018	UK3 UNIVERSAL TERMINAL BLOCK	VARIOUS	—
10	14		FUSE,	VARIOUS	
10	13	PHOENIX UK 5–HESI	FUSE TERMINAL BLOCK WITH DISCONNECT LEVER	VARIOUS	—
8	12	PHOENIX	VARIOFACE RELAY MODULE	VARIOUS	—
2	11		TERMINATION MODULE(PART OF ITEM 3)	VARIOUS	—
3	10	SIEMENS 6ES7 193–4CA40–0AA0	STANDARD TERMINAL MODULE	VARIOUS	—
4	9	SIEMENS 6ES7 193–4CF40–0AA0	SAFETY TERMINAL MODULE	VARIOUS	—
3	8	SIEMENS 6ES7 193–4CD20–0AA0	POWER TERMINAL MODULE	VARIOUS	—
2	7	SIEMENS 6ES7131–4BF00–0AA0	DIGITAL INPUT MODULE	VARIOUS	—
3	6	SIEMENS 6ES7132–4BF00–0AA0	DIGITAL OUTPUT MODULE	VARIOUS	—
4	5	SIEMENS 6ES7138–4FA03–0AB0	SAFETY DIGITAL INPUT MODULE	VARIOUS	—
3	4	SIEMENS 6ES7138–4CA50–0AB0	POWER MODULE	VARIOUS	—
2	3	SIEMENS 6ES7151–3BA23–0AB0	INTERFACE MODULE	VARIOUS	—
2	2	SIEMENS 6EP1 332–2BA10	POWER SUPPLY	VARIOUS	—
1	1	HOFFMAN A2420AT1PP	TYPE 1 ENCLOSURE, 24" X 20" X 6", WITH PERFORATED PANEL	STEEL	—

PARTS LIST

DIM & TOL PER ASME Y14.5
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
FRACTIONS ± 1/64 DECIMAL ± .01 ANGLES ± 2°
.XX ± .03
.XXX ± .005
MATERIAL: SEE PARTS LIST
FINISH: ——
BREAK ALL SHARP EDGES UNLESS OTHERWISE SPECIFIED
DO NOT SCALE DRAWING

DRAWN: D. WILLIAMS DATE: 07/31/08
CHECKED: DATE:
APPR/ORIGINATOR: DATE:
APPROVED:
ENGINEER: H. ROBERTSON

Thomas Jefferson National Accelerator Facility
operated under contract for the U.S. DEPARTMENT OF ENERGY

TITLE: PERSONNEL SAFETY SYSTEM
12GeV UPGRADE
TAGGER AREA ACCESS ROOM JUNCTION BOX
ASSEMBLY DETAILS

SIZE: E
CODE I.D. NO.: \\JLABSRP\LEGACY\...\S0553E01.DWG
DRAWING NO.: S0553E01
REV.: —
SCALE: 1 = 1"
SHOWN ON: ——
SHEET 1 OF 1

DWG NO. S0553E01 REV. — SHT. 1 OF 1