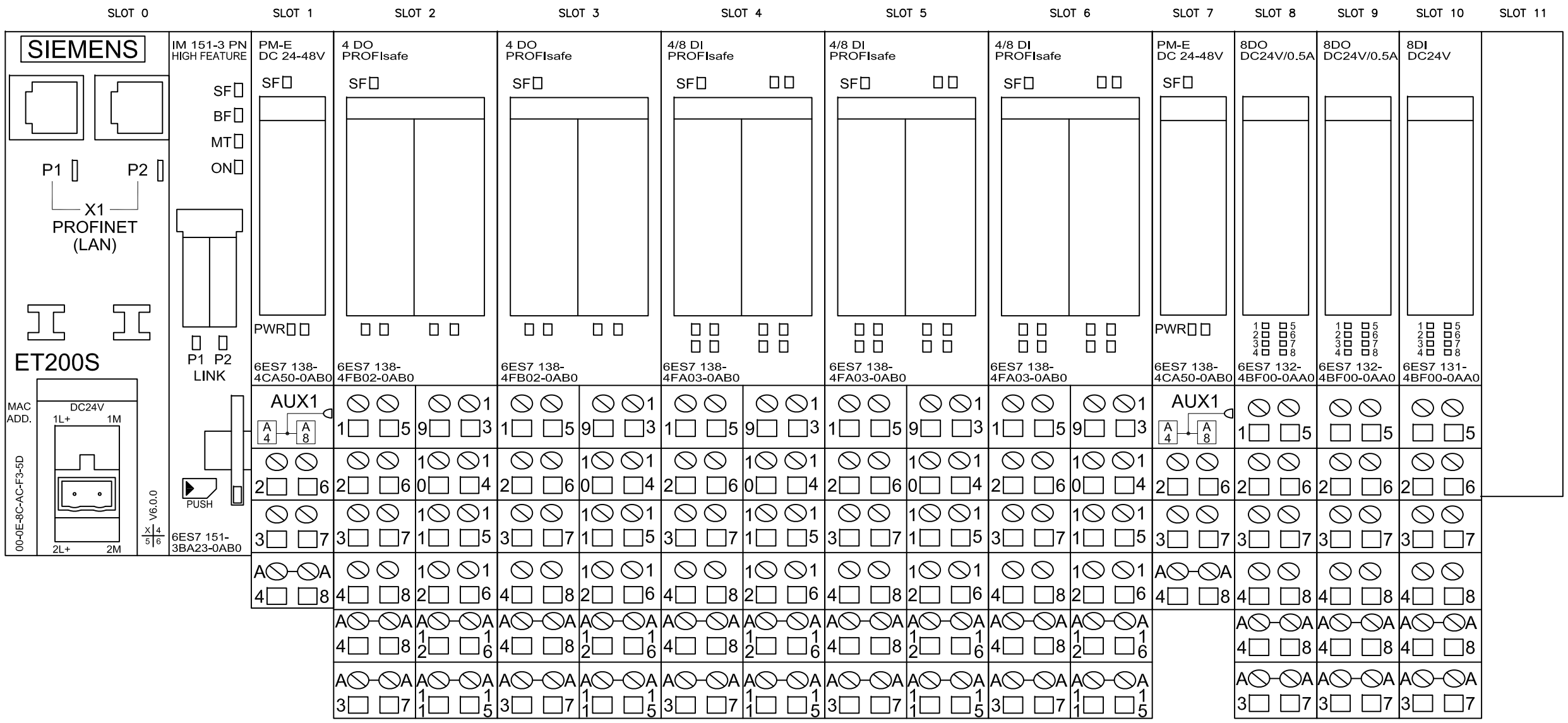
DWG. NO.	SH.	REV.
S0542D01	1	–

REVISIONS

REV.	REMARKS	DRAWN	DATE	APPROVED

SV01B18–13



0 BEAM DIFFUSER 04–D0 PERMISSIVE	0 MAGNET INTERFACE 5XXA PERMISSIVE	0 BEAM DIFFUSER 04–D0 IN	0 RS5XX CRASH	0 MAGNET INTERFACE 5XX CHAIN INTACT	0 DOOR MAG LOCK NL TUNNEL EXT.	0 RS5XX UNSAFE	0 DOOR(LOCK STATUS) NL TUNNEL EXT.
1 BEAM STOP 08–D1 PERMISSIVE	1 MAGNET INTERFACE 5XXB PERMISSIVE	1 BEAM DIFFUSER 04–D0 OUT	1 RS5XX SET INTERLOCK	1 MAGNET INTERFACE 5XXA OFF/SAFE	1 MAGENTA LIGHT NL TUNNEL EXT.	1 RS5XX OPERATIONAL	1
2 BEAM STOP 09–D2 PERMISSIVE	2 MAGNET INTERFACE 5XXC PERMISSIVE	2 BEAM STOP 08–D1 IN	2 RS5XX CRASH	2 MAGNET INTERFACE 5XXB OFF/SAFE	2 KLAXON TAGGER AREA	2 RS5XX SAFE	2
3	3 MAGNET INTERFACE 5XXD PERMISSIVE	3 BEAM STOP 08–D1 OUT	3 RS5XX SET INTERLOCK	3 MAGNET INTERFACE 5XXC OFF/SAFE	3 LIGHTING CONTROL TAGGER AREA	3 RS5XX UNSAFE	3
		4 BEAM STOP 09–D2 IN	4 RS5XX CRASH	4 MAGNET INTERFACE 5XXD OFF/SAFE	4 RS5XX SAFE	4 RS5XX OPERATIONAL	4
		5 BEAM STOP 09–D2 OUT	5 RS5XX SET INTERLOCK	5	5 RS5XX UNSAFE	5	5
		6 DOOR SW1 NL TUNNEL EXT.	6 RAD MON RM5XX TAGGER AREA	6	6 RS5XX OPERATIONAL	6	6
		7 E–STOP SW TAGGER SVCE BLDG	7 REINTEGRATION SWITCH	7	7 RS5XX SAFE	7 REINTEGRATION STATUS LAMP	7

NOTES:

1. FOR OVERALL PROGRAMMABLE CONTROLLER – SYSTEM A CABLING DIAGRAM SEE JEFFERSON LAB DWG NO. S0511D01.
2. FOR LAYOUT OF TAGGER SERVICE BUILDING REMOTE I/O RACKS SEE JEFFERSON LAB DWG NO. S0503D01.

DRAWN: D. WILLIAMS	DATE: 04/16/08	Thomas Jefferson National Accelerator Facility, NEWPORT NEWS, VIRGINIA, UNITED STATES DEPARTMENT OF ENERGY
CHECKED	DATE	TITLE: PERSONNEL SAFETY SYSTEM 12GeV UPGRADE I/O ALLOCATION – SYSTEM A TAGGER SERVICE BUILDING
APPR/ORIGINATOR	DATE	
APPROVED		
ENGINEER: H. ROBERTSON		SIZE: D; CAD I.D. NO.: \\JLABGRP\EECAD\...S0542W1.DWG; DRAWING NO.: S0542D01; REV.: –
		SCALE: NONE; SHOWN ON: SEE NOTES; SHEET 1 OF 1