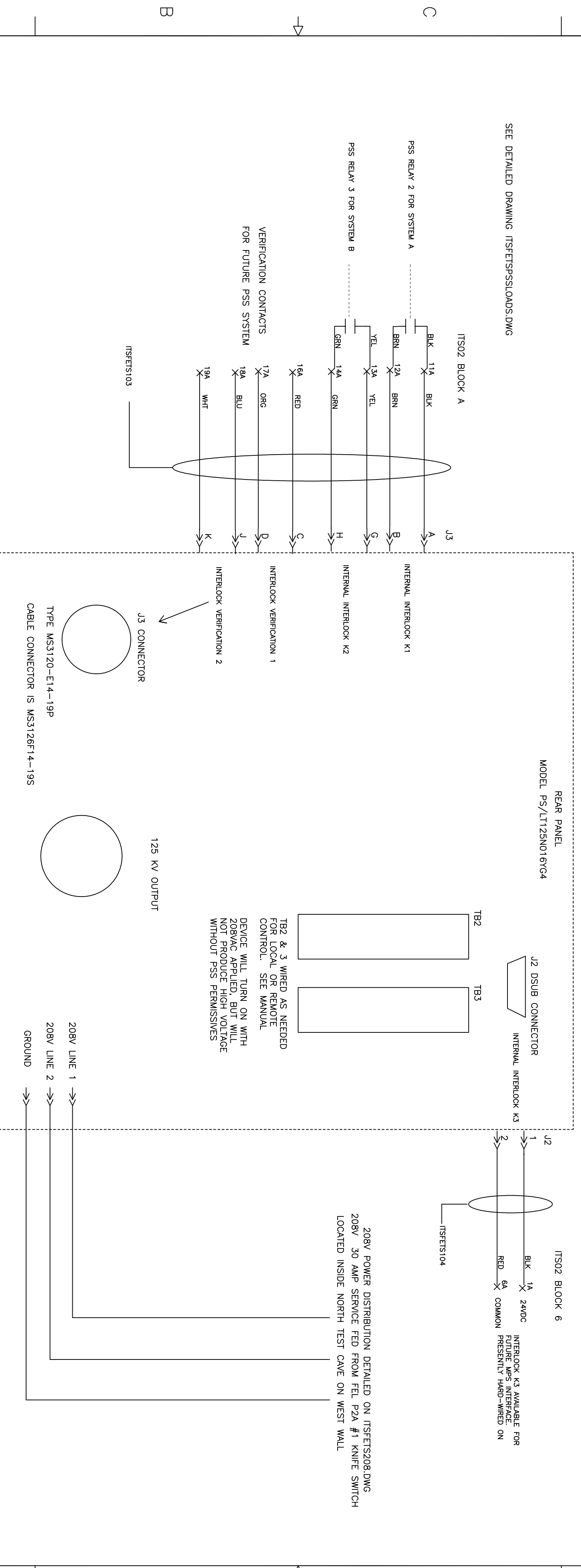


DWS. NO.		ITSFETS102		SH	1	REV	-
REV.		REVISIONS		DATE	APPROVED		

GLASSMAN 125KV SUPPLY  
RACK ITS02

REAR PANEL  
MODEL PS/L1125N016YG4



SEE DETAILED DRAWING ITSFETSPSSLOADS.DWG

ITS02 BLOCK A

PSS RELAY 2 FOR SYSTEM A

PSS RELAY 3 FOR SYSTEM B

VERIFICATION CONTACTS  
FOR FUTURE PSS SYSTEM

ITSFETS103

J3

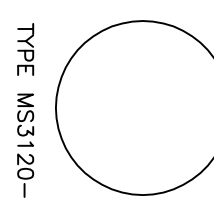
INTERNAL INTERLOCK K1

INTERNAL INTERLOCK K2

INTERLOCK VERIFICATION 1

INTERLOCK VERIFICATION 2

J3 CONNECTOR



TYPE MSS3120-E14-19P  
CABLE CONNECTOR IS MSS3126F14-19S

125 KV OUTPUT

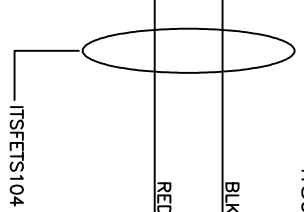
TB2

TB3

J2 DSUB CONNECTOR

INTERNAL INTERLOCK K3

ITS02 BLOCK 6



INTERLOCK K3 AVAILABLE FOR  
FUTURE MPS INTERFERENCE  
PRESENTLY HARD-WIRED ON

ITSFETS104

208V POWER DISTRIBUTION DETAILED ON ITSFETS208.DWG  
208V 30 AMP SERVICE FED FROM FEL P2A #1 KNIFE SWITCH  
LOCATED INSIDE NORTH TEST CAVE ON WEST WALL

208V LINE 1  
208V LINE 2  
GROUND

DRWN	DATE	Thomas Jefferson National Accelerator Facility United States Department of Energy	
HANSKNEC	1/21/09	TITLE	GLASSMAN 125KV INTERLOCK CIS INJECTOR FIELD EMISSION TEST STAND WIRING DIAGRAM
CHECKED	DATE	APPR/O	DATE
APPR/ORIGINATOR	DATE	APPROVED	
ENGINEER	DATE	SIZE	SCALE
J. HANSKNECHT		D	1" = 1"
		DRWING NO.	ITSFETS102
		SHEET	1 OF 1