



PENETRATION	C7	C7	C7	C7	E7	E7	E7	E7	E6	E6	E6	E6	E6	E6	C8	C8
COIL	M1	M2	M3	PF4	PF1/2	PF3	PF6	TF	PF5U	PF5L	FUTURE	FUTURE	FUTURE	FUTURE	FUTURE	FUTURE
DISC. SWITCH	1	2	3	4	9	10	11	9							6	5

PENETRATION	DISCONNECT SWITCH	COIL
C4	30 - TRANSFER	
C4	29 - TRANSFER	
C5	28 - TRANSFER	
C5	27 - TRANSFER	
C6	ACCESS BLOCKED	
C7	4	PF4
C7	3	M3,M2
C7	2	FUT-M2
C7	1	M1
C8	6	PF5U
C8	5	PF5L
E6		FUTURE
E6		FUTURE
E6		FUTURE
E7	9	PF1a
E7	10	PF3
E7	11	PF6
E7	12	TF

COIL LEAD PENETRATIONS - C7,C8,E6,E7  
 NEUTRAL BEAM DAY-1 PENETRATION - F4  
 NEUTRAL BEAM DAY-2 PENETRATION - D3,D4  
 NEUTRAL BEAM DAY-3 PENETRATION - F7  
 NEUTRAL BEAM DAY-4 PENETRATION - D7

COMPUTER GENERATED  
 DRAWING - MANUAL CHANGES  
 NOT PERMITTED

CADD FILE  
 NUMBER  
 OB4F1899CV4.DWG

8																			
7																			
6																			
5																			
REV	DATE	BY	APPROVED	REV	DATE	BY	APPROVED	REV	DATE	BY	APPROVED	REV	DATE	BY	APPROVED	REV	DATE	BY	APPROVED

DIV WBS4  
 ENG.S.RAMAKRISHNAN  
 DR R.V.K. CH J.N.  
 DATE 1-27-06

APPROVED  
 S.RAMAKRISHNAN  
 2-1-06  
 CH J.N. SUPV J.S.

PLASMA PHYSICS LABORATORY  
 PRINCETON UNIVERSITY  
 NATIONAL COMPACT STELLARATOR EXPERIMENT  
 DC SYSTEMS  
 C-SITE DC SYSTEMS  
 NCSX TEST CELL PENETRATIONS

NCSX  
 B-4F1005  
 SH 1899C