



NOTES

1. LIFT POINT CO-ORDINATES ARE TO BE DETERMINED IN FIELD.
2. LIFT POINTS FOR RIGHT HALF PERIOD ASSEMBLY AND LEFT HALF PERIOD ASSEMBLY WILL BE UNIQUE PER ASSEMBLY.
3. THIS ARRANGEMENT MAY VARY ACCORDING TO FINAL SISSCO LIFTING SYSTEM ATTACHMENT REQUIREMENTS.
4. THIS DISTANCE (SHEET 2) TO BE DETERMINED IN FIELD.

RELEASED FOR FABRICATION / INSTALLATION
PPPL Drafting:

4	4	11	COMM	1"-8UNC-2B HEX NUT	C'STL - ZN PLT
12	12	10	COMM	1" SPLIT LOCK WASHER	C'STL - ZN PLT
16	16	9	COMM	1" FLAT WASHER	C'STL - ZN PLT
12	12	8	COMM	1"-8UNC-2A x 3" LG HEX HD CAP SCREW	C'STL - ZN PLT
1	1	7	COMM	HYDRASET - 25 TON CAP.	
3	3	6	COMM	10" LIFTING STRAP W/ SHACKLE ENDS - 15000# CAP.	
1	1	5	COMM	SISSCO - TRIPLE ACTUATOR COORDINATED LIFTING SYSTEM WCHS-15-3-WD	
1	1	4	SE185-307	SINGLE POINT PICK-UP ASSEMBLY	
1	1	3	SE185-305	TWO POINT PICK-UP SUPPORT BEAM ASSEMBLY	
1	1	2	SE185-302-02	RIGHT HALF PERIOD ASSY W/ SUPTS AND LASER POINTERS	
1	1	1	SE185-302-01	LEFT HALF PERIOD ASSY W/ SUPTS AND LASER POINTERS	
X			THIS DWG	MCWF LEFT HALF PERIOD ASSY W/ SISSCO LIFTING SYSTEM	I
X			THIS DWG	MCWF RIGHT HALF PERIOD ASSY W/ SISSCO LIFTING SYSTEM	I

02 ASSY	01 ASSY	PART NO.	DRAWING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL	QTY	RECD
PARTS LIST							
COMPUTER GENERATED DRAWING CHANGES NOT PERMITTED		CENTRAL FILES:		PRINCETON PLASMA PHYSICS LABORATORY			
DO NOT VERIFY INFORMATION BY SCALING DRAWING		UNLESS OTHERWISE SPECIFIED		NATIONAL COMPACT STELLARATOR EXPERIMENT			
WEIGHT		DIMENSIONS ARE IN INCHES MACHINE SURFACES		FIELD PERIOD ASSEMBLY			
MODEL NAME		TOLERANCES NON-CUMULATIVE		FIELD PERIOD ASSEMBLY FIXTURE - MCWF HALF PERIOD ASSEMBLY WITH SISSCO LIFTING SYSTEM FOR POSITIONING OVER V.V.			
SE185-304		DECIMAL-INCH FRACTIONS		DSN: L. MORRIS		2-15-07 DRAWING NO:	
DWG VERSION NO: 6		NEXT ASSEMBLY		CHK: M. VIOLA		2-15-07	
				ENGR: T. BROWN		2-15-07	
				SUPV: J. SIEGEL		2-15-07	
						SHEET 1 OF 2	
						REV 0	

01 ASSEMBLY - SHOWN
02 ASSEMBLY - SIMILAR TO 01 ASSEMBLY EXCEPT AS INDICATED

RELEASE LEVEL: Fabrication
DWG VERSION NO: 6

WEIGHT
MODEL NAME
SE185-304
WELDING ENGINEER

PRINCETON PLASMA PHYSICS LABORATORY
NATIONAL COMPACT STELLARATOR EXPERIMENT
FIELD PERIOD ASSEMBLY
FIELD PERIOD ASSEMBLY FIXTURE - MCWF HALF PERIOD ASSEMBLY WITH SISSCO LIFTING SYSTEM FOR POSITIONING OVER V.V.
DSN: L. MORRIS 2-15-07
CHK: M. VIOLA 2-15-07
ENGR: T. BROWN 2-15-07
SUPV: J. SIEGEL 2-15-07
DRAWING NO: SE185-304
SHEET 1 OF 2
REV 0

NCSX-SE185-304

NO.	REVISION	BY	CH	SUP	APPROVED	DATE

(267,500)
SEE NOTE 4

5 PROVIDES 30" STROKE

X
Z
CSO OF MCWF
HALF PERIOD

**RELEASED FOR
FABRICATION / INSTALLATION**
PPPL Drafting:

FOR NOTES AND BILL OF MATERIAL SEE SHEET 1

RELEASE LEVEL: Fabrication
DWG VERSION NO: 6

COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED Pro E	CENTRAL FILES:	PRINCETON PLASMA PHYSICS LABORATORY UNIVERSITY			
	UNLESS OTHERWISE SPECIFIED	NATIONAL COMPACT STELLARATOR EXPERIMENT			
DO NOT VERIFY INFORMATION BY SCALING DRAWING	DIMENSIONS ARE IN INCHES MACHINE SURFACES BREAK SHARP EDGES .005/.020	FIELD PERIOD ASSEMBLY FIELD PERIOD ASSEMBLY FIXTURE - MCWF HALF PERIOD ASSEMBLY WITH SISCO LIFTING SYSTEM FOR POSITIONING OVER V.V.			
WEIGHT	TOLERANCES NON-CUMULATIVE	DSN: L. MORRIS	2-15-07	DRAWING NO:	
MODEL NAME SE185-304	DECIMAL-INCH FRACTIONS	CHK: M. VIOLA	2-15-07	SE185-304	
WELDING ENGINEER	NEXT ASSEMBLY	ENGR: T. BROWN	2-15-07	SHEET 2 OF 2	
		SUPV: J. SIEGEL	2-15-07	REV 0	

NCSX-SE185-304