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NEXT ASS'Y:

1 FINAL ASS'Y:

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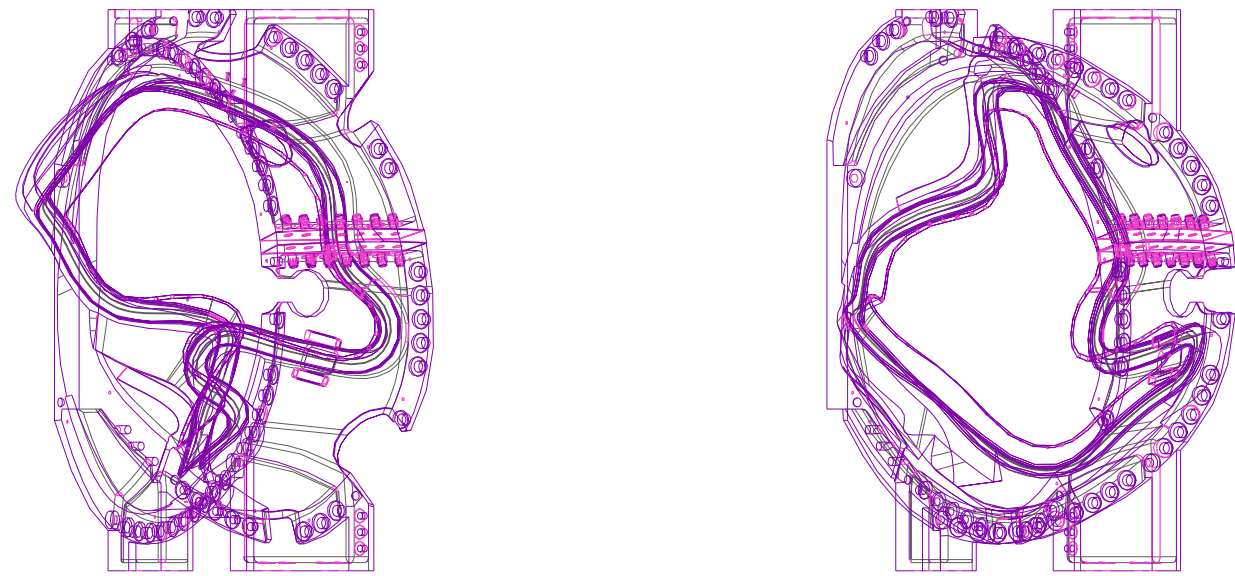
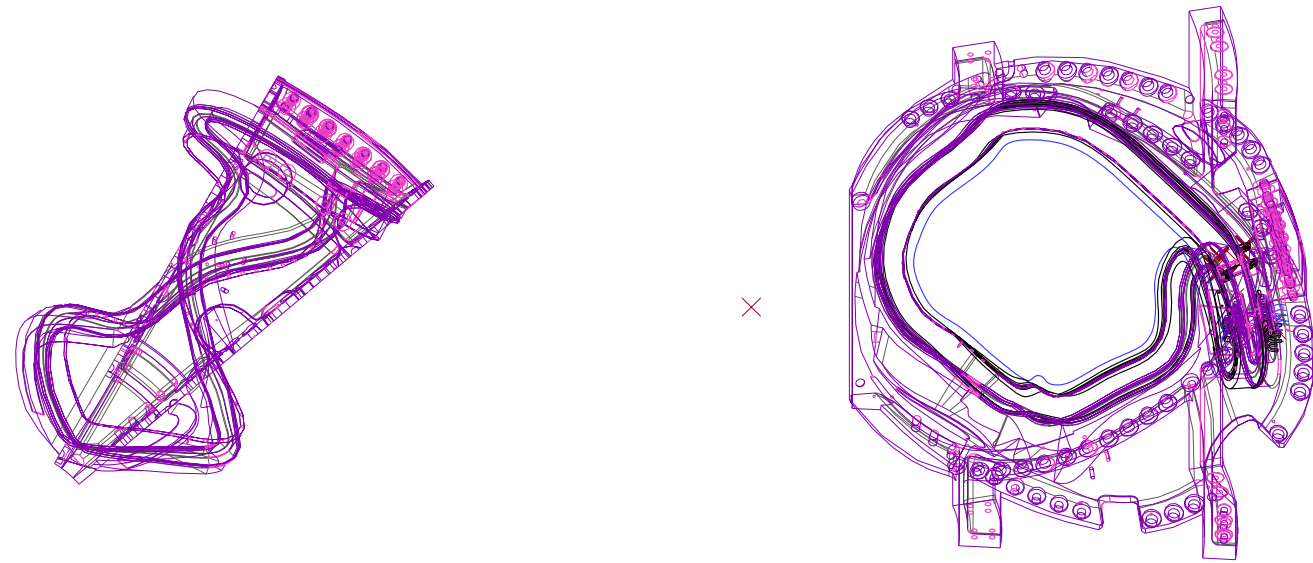
E

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NOTES:

1. DRAWING PREPARED IN ACCORDANCE WITH ASME Y14.8M-1996.
2. INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5M-1994.
3. DIMENSIONS ARE IN INCHES.
4. DRAWING DEPICTS FINAL MACHINED STATE OF ASSEMBLY DEFINED BY PRO/ENGINEER FILE SE140-103.ASM.
5. UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE RELATED TO DATUM A - (PRIMARY X-Y PLANE, TOP)  
DATUM B - (SECONDARY Y-Z PLANE, SIDE)  
DATUM C - (TERTIARY X-Z PLANE, FRONT)
6. DIMENSIONS APPLY AT TEMPERATURE OF 20-30°C (68-86°F).
7. DIMENSIONS AND TOLERANCES EXCLUDE PROCESS MATERIAL ALLOWANCES WHICH MAY ADD MASS.
8. APPROXIMATE WEIGHT = 5080 LBS.
- 9 MATCH DRILL OR REAM TO ACHIEVE RUNNING FIT BETWEEN PARTS AND ASSEMBLY.
- 10 LUBRICATE THREADED SURFACES WITH MOLYCOTE 321R PER MANUFACTURER'S INSTRUCTIONS

REV	CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION	FIND NO
48		SE142-350				5
1		SE142-062				4
1		SE142-061				3
1		SE140-103	MODULAR COIL ASSEMBLY TYPE-C	...	...	1
← NEXT ASSEMBLY						
PARTS LIST						

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**P** THIS DRAWING PRODUCED ON PRO-ENGINEER

REV	DESCRIPTION	BY	DATE	CHK	DEPT	DATE	PE	REQ	DATE	ORNL	DOE	DATE

SCALE	NOTED	DES	D WILLIAMSON	10-08-04
TOLERANCES UNLESS OTHERWISE SPECIFIED	DRW	G LOVETT	10-08-04	
FRACTIONS	CHK			
XX DECIMALS ± .01	SECT			
XXX DECIMALS ± .005	DEPT			
ANGLES ± 0°15'	PE			
BREAK SHARP EDGES .06 MAX	CR			
FINISH	PJ			
	REQ			
	PPPL DRFT			

Oak Ridge National Laboratory  
managed for the DEPARTMENT OF ENERGY under  
U.S. GOVERNMENT CONTRACT #1-405-00082225  
UT-BATTELLE, LLC, Oak Ridge, Tennessee

**UT-BATTELLE**

NATIONAL COMPACT STELLARATOR EXPERIMENT

COIL/WINDING PACK ASSEMBLY  
TYPE "C"

VERSION NO.	PLANT	BLDG	FL	SHT	OF	TYPE	CLASS
1	X-10	5700	3	1	2	S	U
RELEASE LEVEL							REV
proj.release:d							0

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