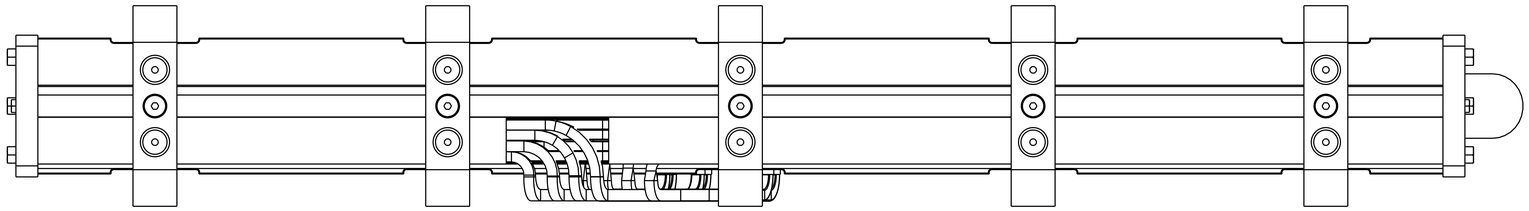
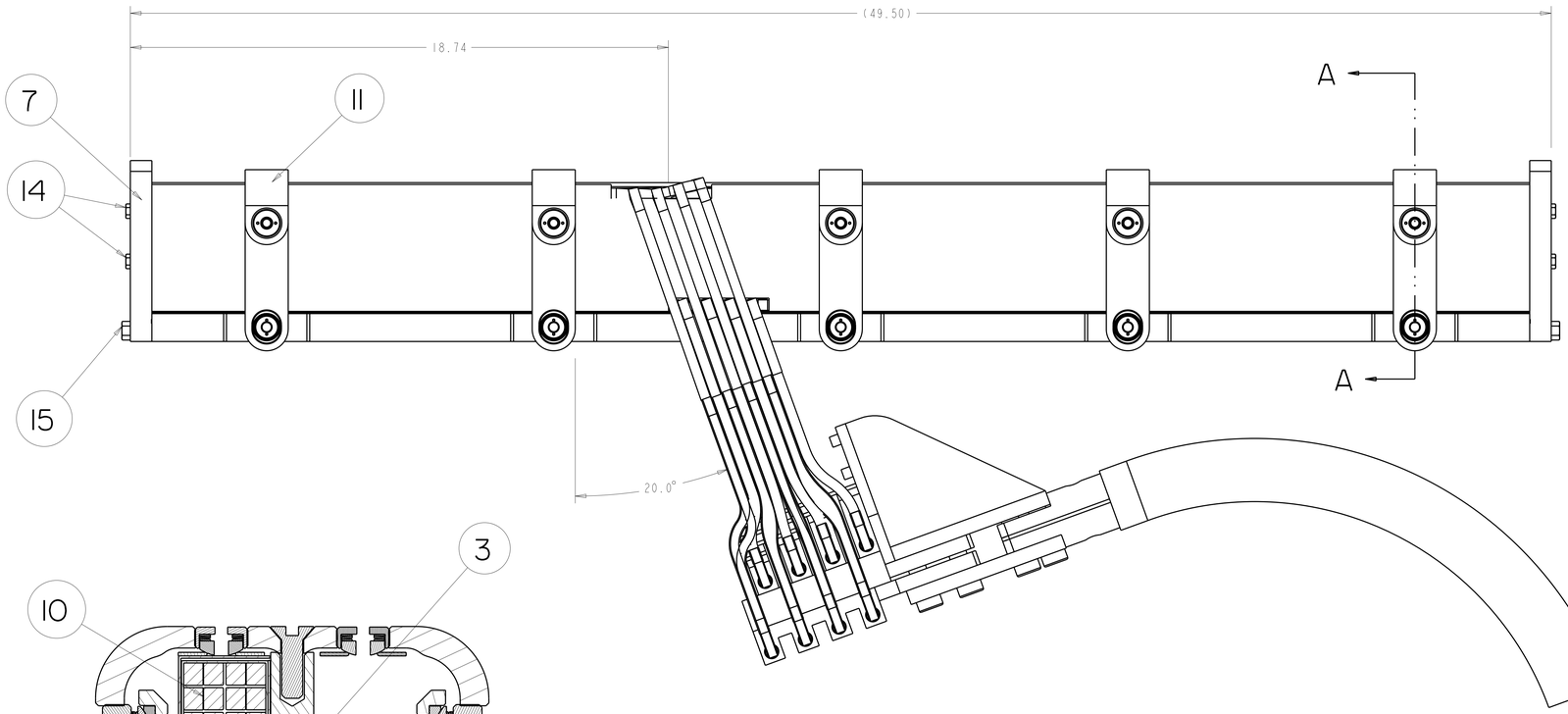
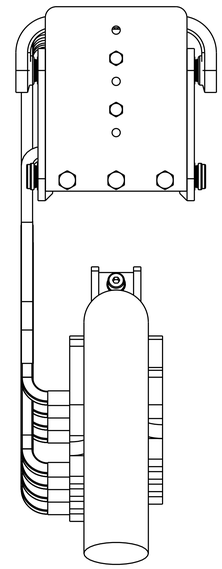
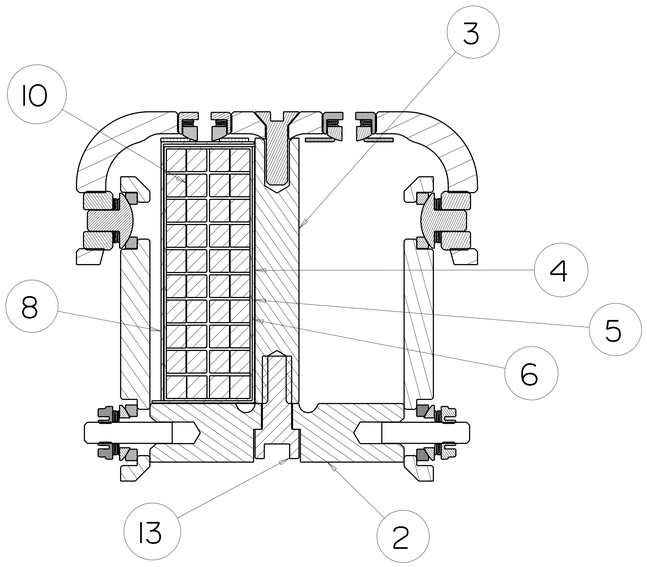


NOTES:

1. INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5M
2. DIMENSIONS ARE IN INCHES
3. DIMENSIONS APPLY AT ROOM TEMPERATURE. OPERATING TEMP 80 K.
4. GEOMETRY IS DEFINED IN PRO ENGINEER CAD MODELS/FILES SE1405-200.ASM
5. DRAWING AND MODELS COMBINED DEFINE FINISHED ASSEMBLY.







SECTION A-A
SCALE 1.000

next assy		CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION	FIND NO
			NEXT ASSEMBLY	PARTS LIST			
	1		SE1405-200	STRAIGHT TEE ASSEMBLY			1
	1		SE1405-201	BASE PLATE	304SS		2
	1		SE1405-202	VERTICAL PLATE (WEB)	304SS		3
	1		SE1405-204	ELECTRICAL INSULATION	KAPTON		4
	1		SE1405-205	CU CHILL PLATES-LOWER	COPPER		5
	1		SE1405-206	INNER GROUND WRAP	KAPTON/GLASS		6
	2		SE1405-207	END CAPS	SS304		7
	1		SE1405-208	CU CHILL PLATE-UPPER	COPPER		8
	1		SE1405-210	WINDING PACK ASM			9
	1		SE1405-300	LEADS BLOCK ASSEMBLY			10
	5		40T_V4-CLAMP	Type A&B Clamp Asm	--	--	11
	5		150758	1/2-13 UNC x 1 1/4 LG HEX SOC HD CAP SCREW	STN STL		13
	4		150031	1/4-20 UNC x 1 1/4 HEX HEAD BOLT	STN STL	--	14
	6		150049	3/8-16 UNC x 1 1/4 HEX HEAD BOLT	STN STL	--	15

NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, IS MADE AS TO THE ACCURACY, COMPLETENESS OR USEFULNESS OF THE INFORMATION OR STATEMENTS CONTAINED IN THESE DRAWINGS, OR THAT THE USE OR DISCLOSURE OF ANY INFORMATION, APPARATUS, METHOD OR PROCESS DISCLOSED IN THESE DRAWINGS MAY NOT INFRINGE PRIVATE RIGHTS OF OTHERS. NO LIABILITY IS ASSUMED WITH RESPECT TO THE USE OF, OR FOR DAMAGES RESULTING FROM THE USE OF, ANY INFORMATION, APPARATUS, METHOD OR PROCESS DISCLOSED IN THESE DRAWINGS. DRAWINGS MADE AVAILABLE FOR INFORMATION TO BIDDER ARE NOT TO BE USED FOR OTHER PURPOSES, AND ARE TO BE RETURNED UPON REQUEST OF THE FORWARDING CONTRACTOR.

P THIS DRAWING PRODUCED ON PRO-ENGINEER

REV	DESCRIPTION	BY	DATE	CHK	DEPT	DATE	PE	REQ	DATE	ORNL	DOE	DATE
	REVISION OR ISSUE PURPOSE	REVISION APPROVAL										

SCALE NOTED

TOLERANCES UNLESS OTHERWISE SPECIFIED

FRACTIONS		
XX DECIMALS	±.01	
XXX DECIMALS	±.005	
ANGLES	±0°15'	
BREAK SHARP EDGES	.06" MAX	
FINISH	125 UNLESS OTHERWISE SPECIFIED	

DRAWING APPROVALS		DATE
DES	D. WILLIAMSON	4-14-04
DRW	G LOVETT	4-14-04
CHK	:	:
SECT	:	:
DEPT	:	:
PE	:	:
CR	:	:
PJ	:	:
REQ	:	:
PPPL DRFT	:	:
	:	:

UT-BATTELLE
Oak Ridge National Laboratory
managed for the DEPARTMENT OF ENERGY under
U.S. GOVERNMENT contract DE-AC05-00OR22725
UT-BATTELLE, LLC. Oak Ridge, Tennessee

PROJECT NAME: NATIONAL COMPACT STELLARATOR EXPERIMENT

STRAIGHT TEE ASSEMBLY
40 TURN BUNDLE

VERSION NO.	PLANT	BLDG	FL	SHT	OF	TYPE	CLASS
proj_version:0 X-10		5700	3	1	1	S	U

RELEASE LEVEL: WIP

SE1405-200

REV -