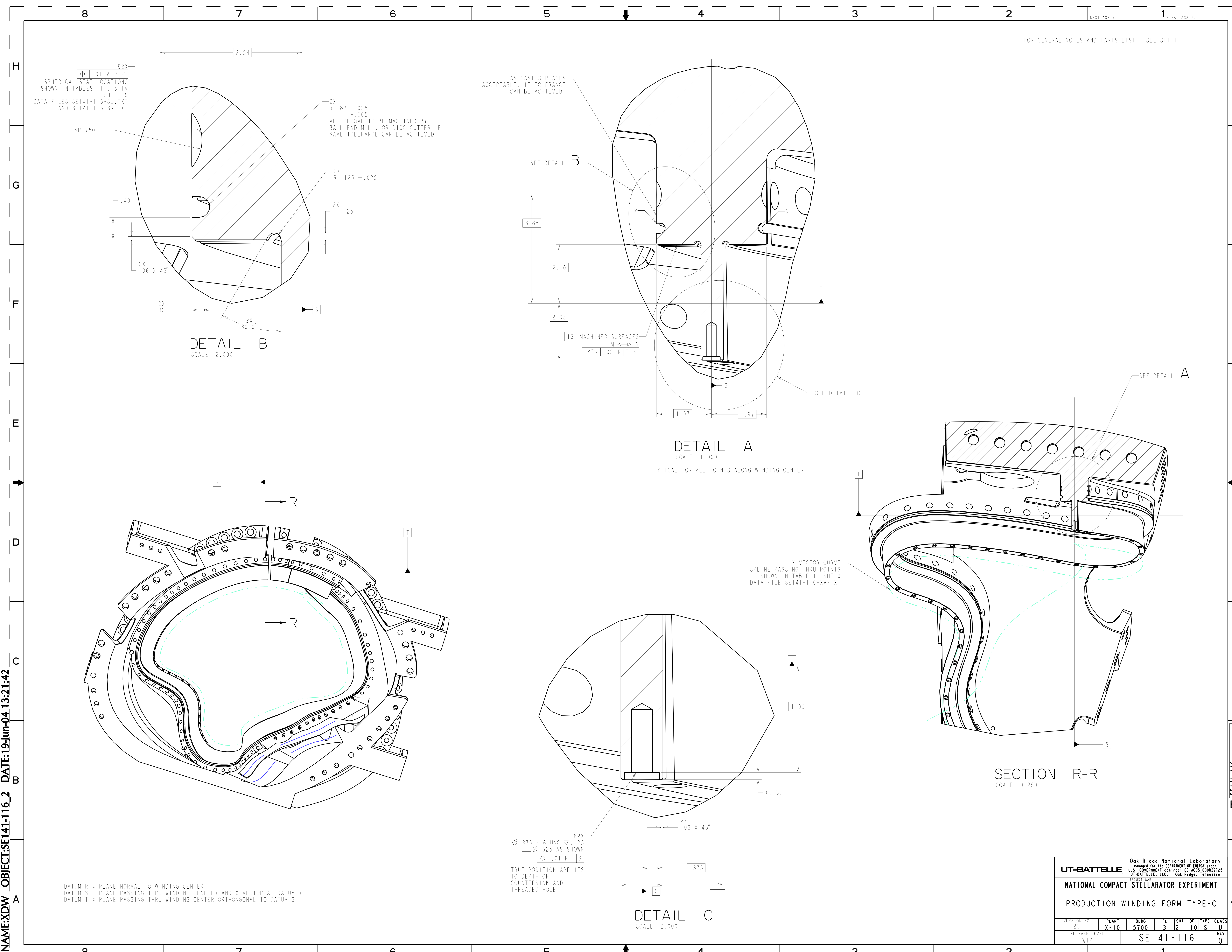
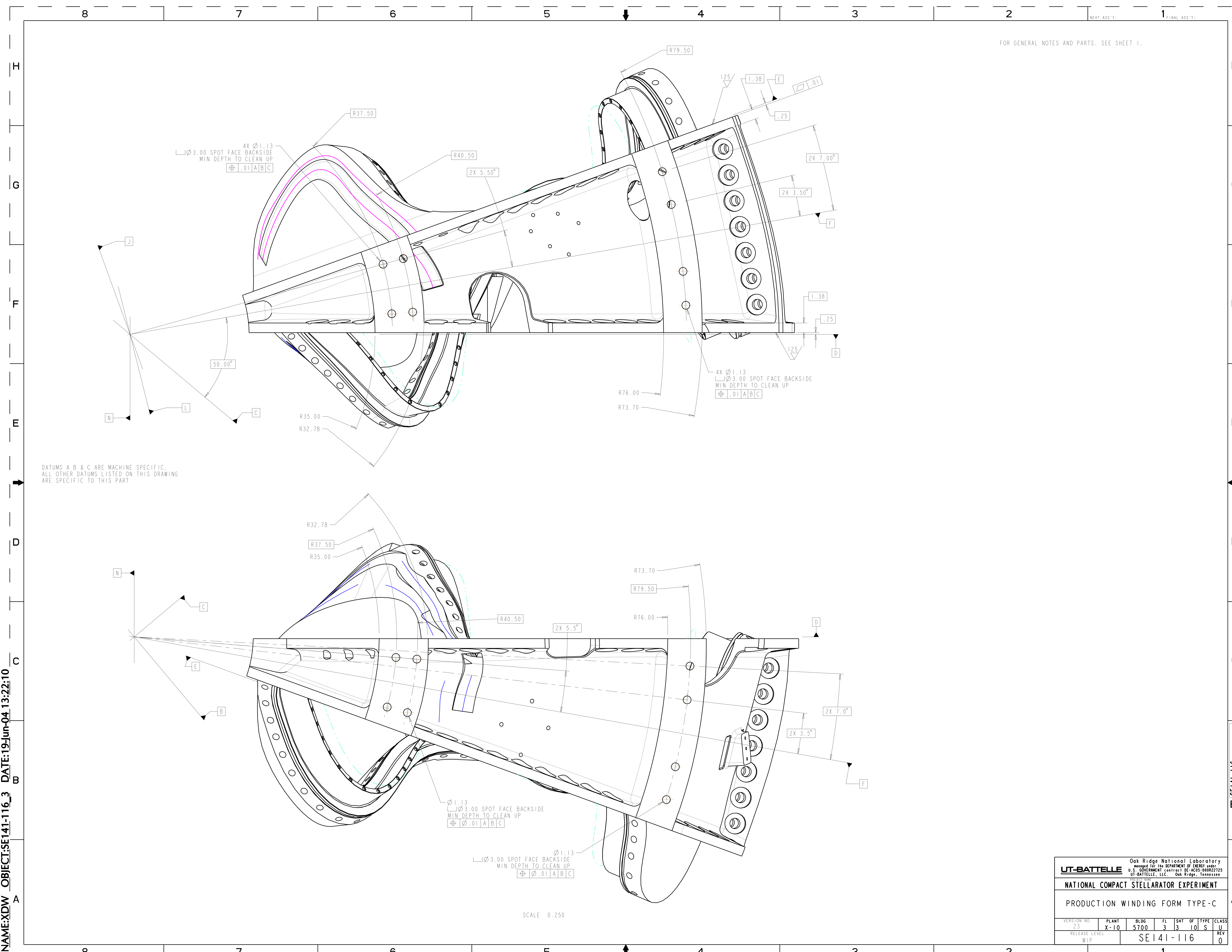


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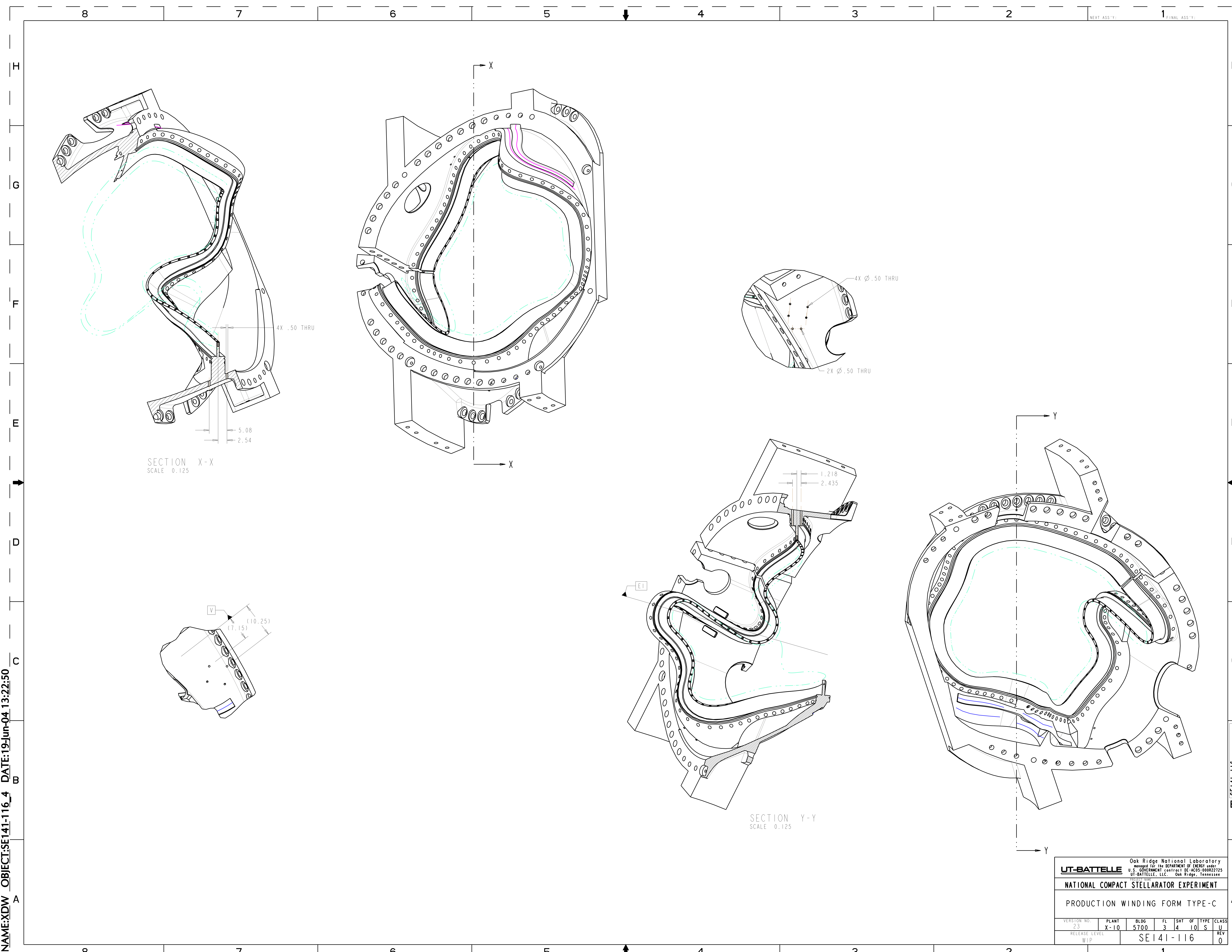








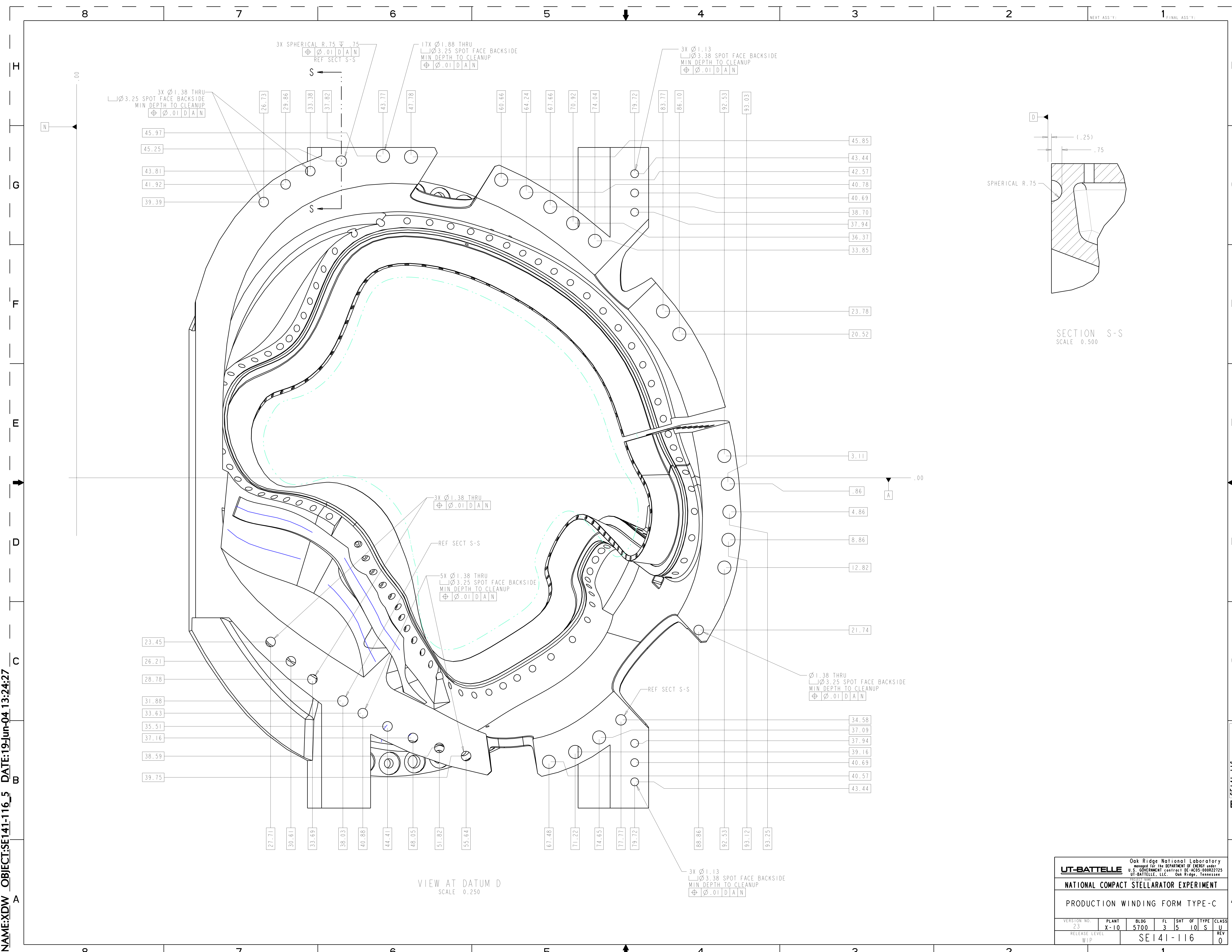




NAME: XDW \_ OBJECT: SE141-116\_4 DATE: 19-Jun-04 13:22:50

<div><div>UT-BATTELLE</div><div>Oak Ridge National Laboratory managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC05-00OR22725 UT-BATTELLE, LLC Oak Ridge, Tennessee</div></div>							
PROJECT NAME							
NATIONAL COMPACT STELLARATOR EXPERIMENT							
PRODUCTION WINDING FORM TYPE-C							
VERSION NO.	PLANT	BLOG	FL	SHT	OF	TYPE	CLASS
23	X-10	5700	3	4	10	S	U
RELEASE LEVEL		REV					
WIP		0					

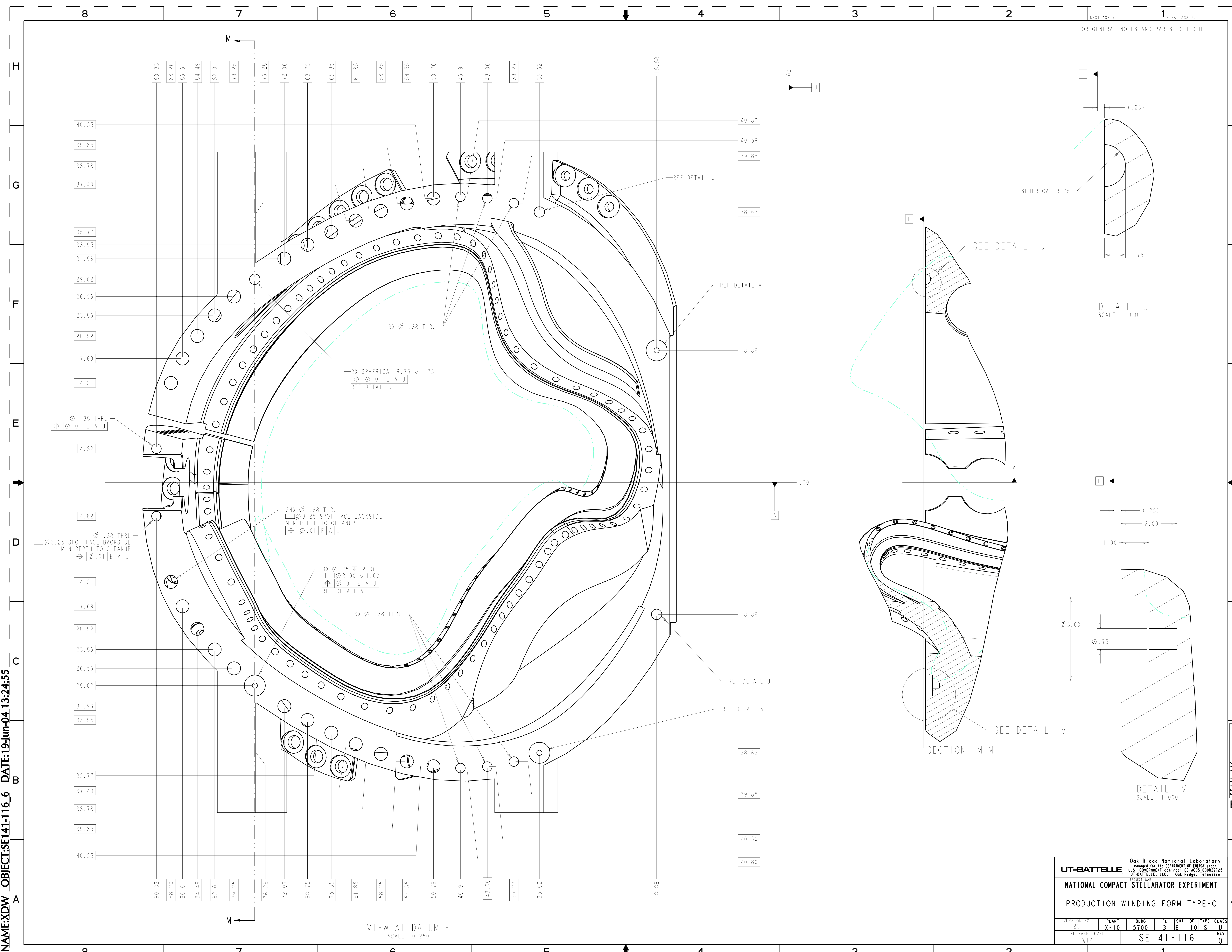




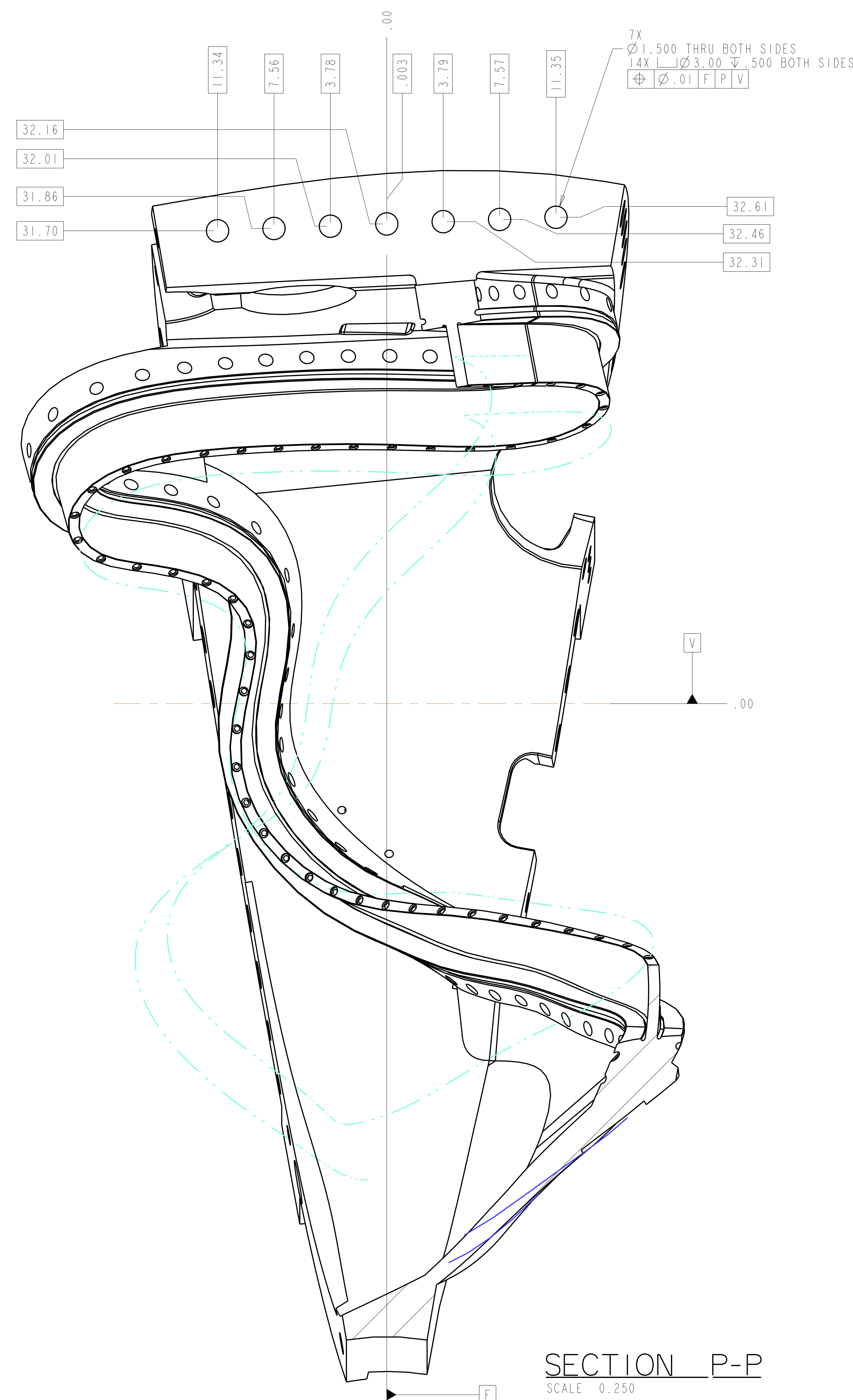
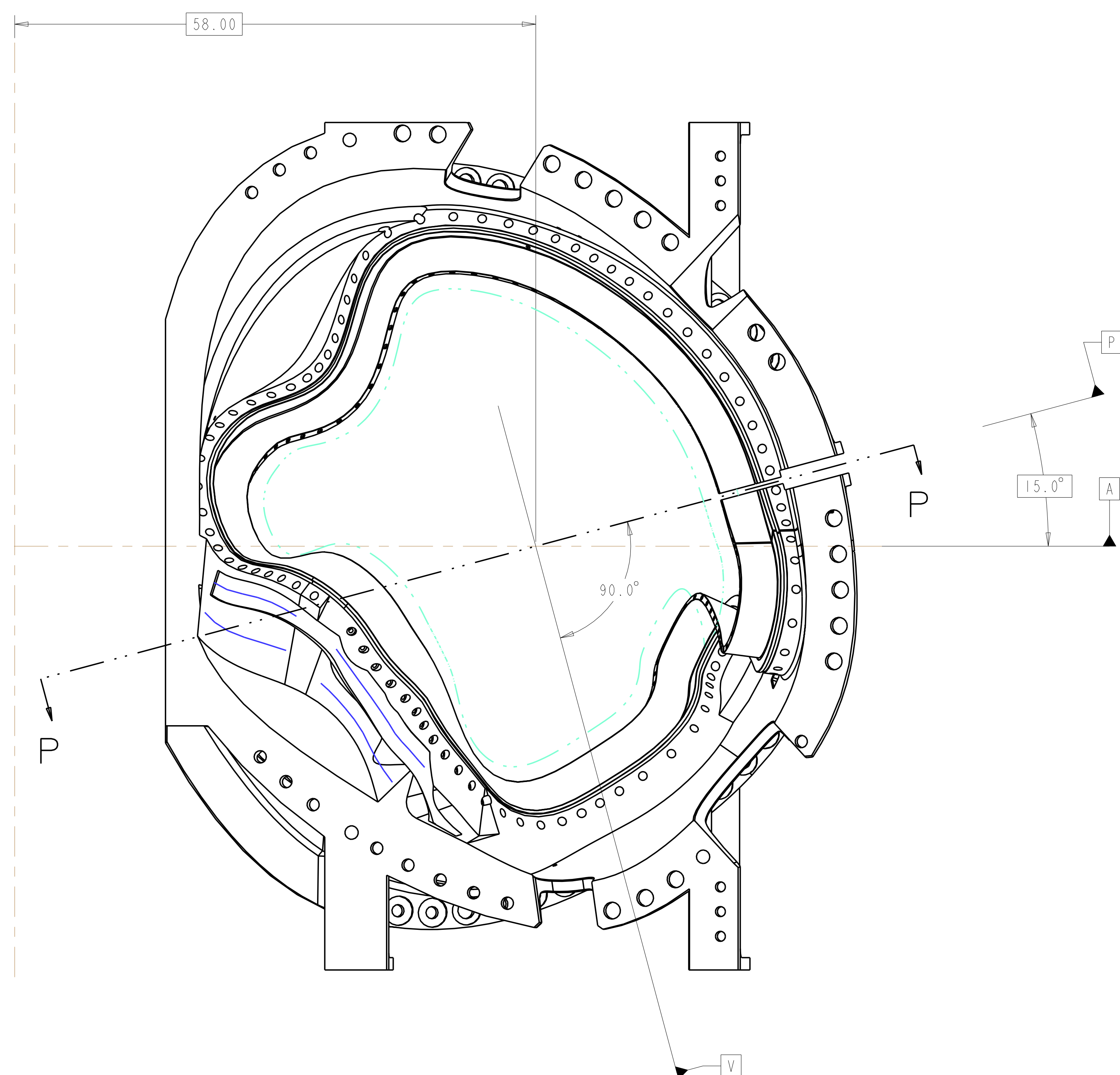
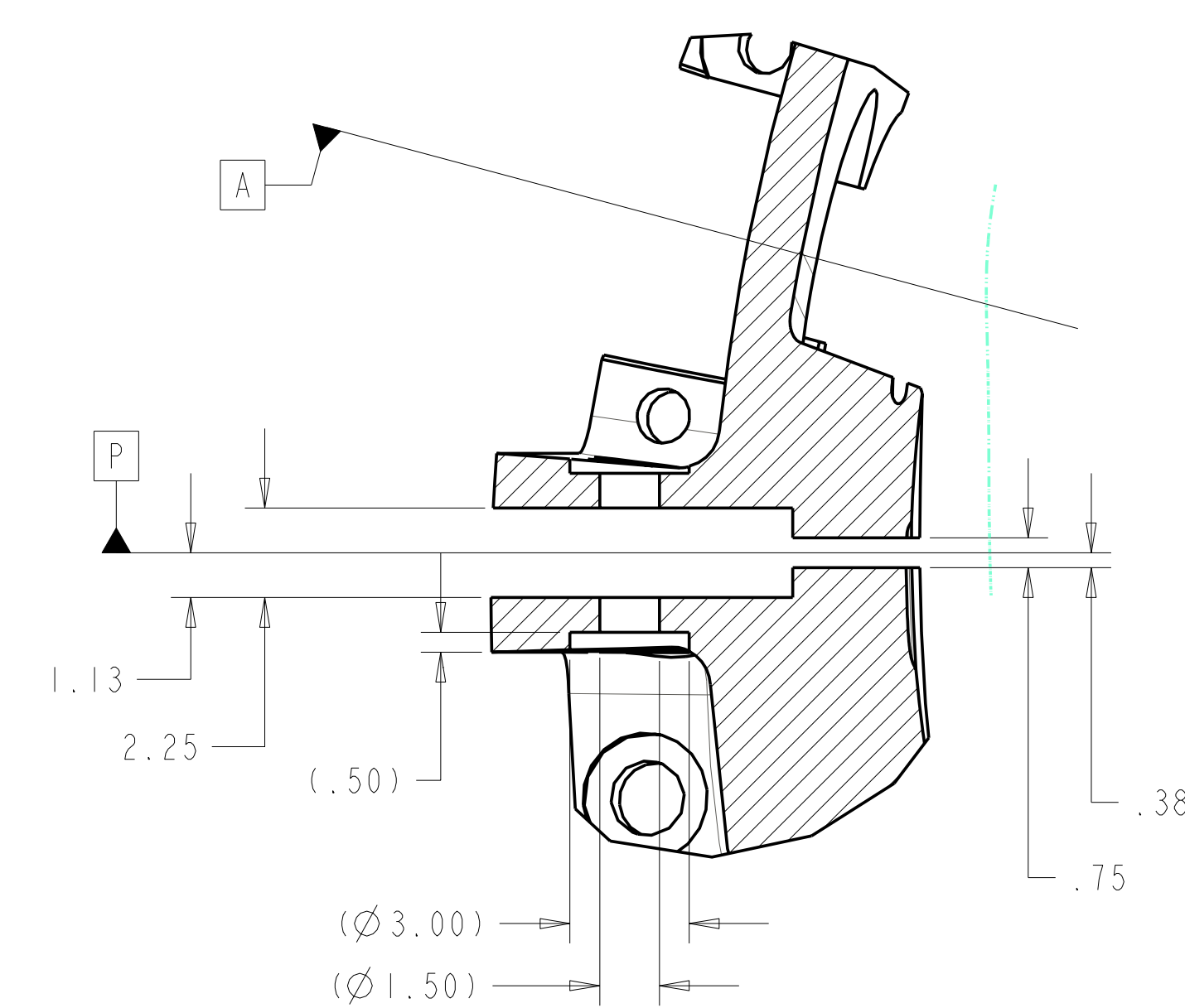
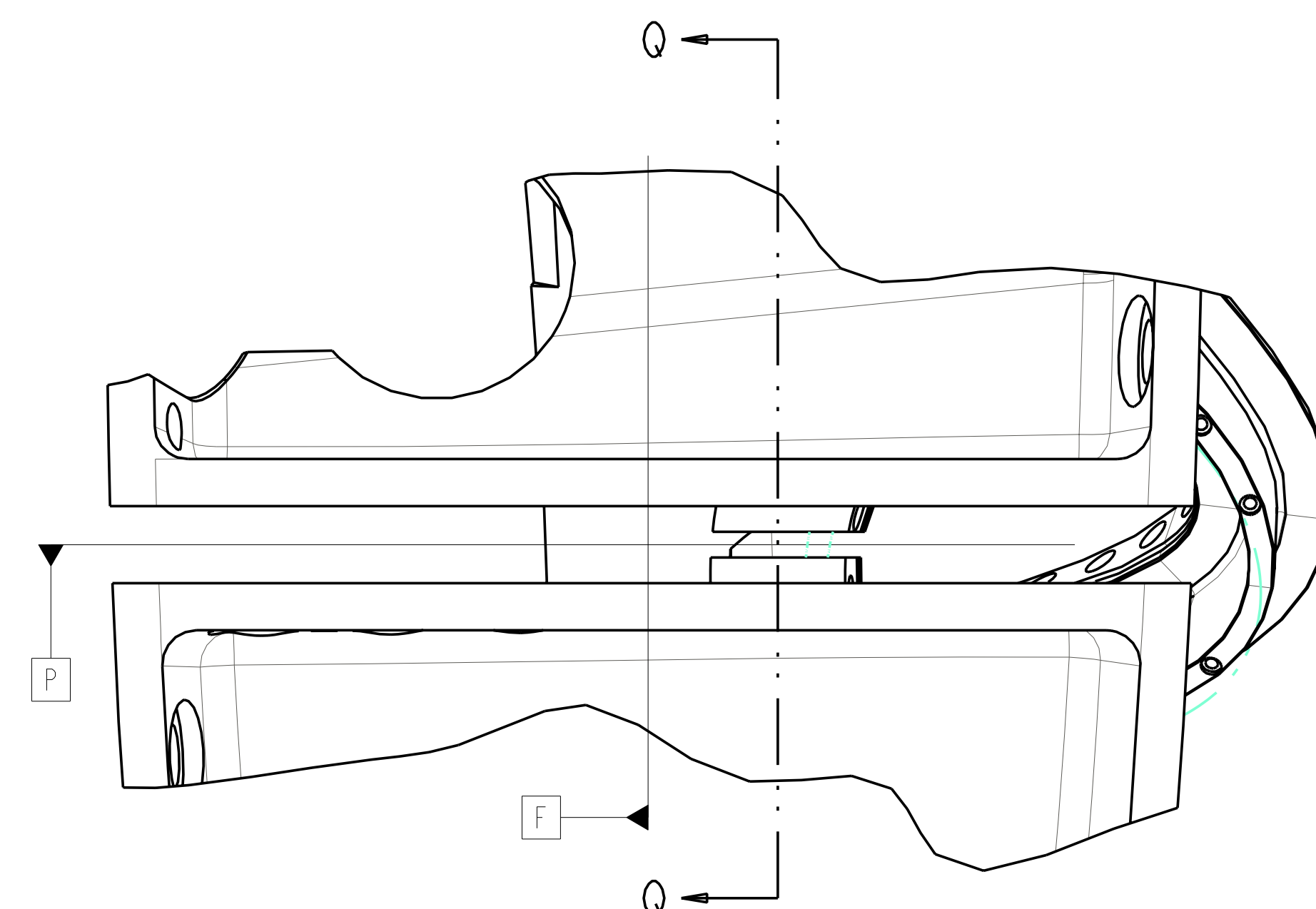
NAME:XDW OBJECT:SE141-116\_5 DATE:19Jun-04 13:24:27

<u>UT-BATTELLE</u>		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							
PRODUCTION WINDING FORM TYPE-C							
VERSION NO. 23	PLANT X-10	BLOG 5700	FL 3	SHT OF 5	TYPE 10 S	CLASS U	REV 0
RELEASE LEVEL WIP		SE141-116					







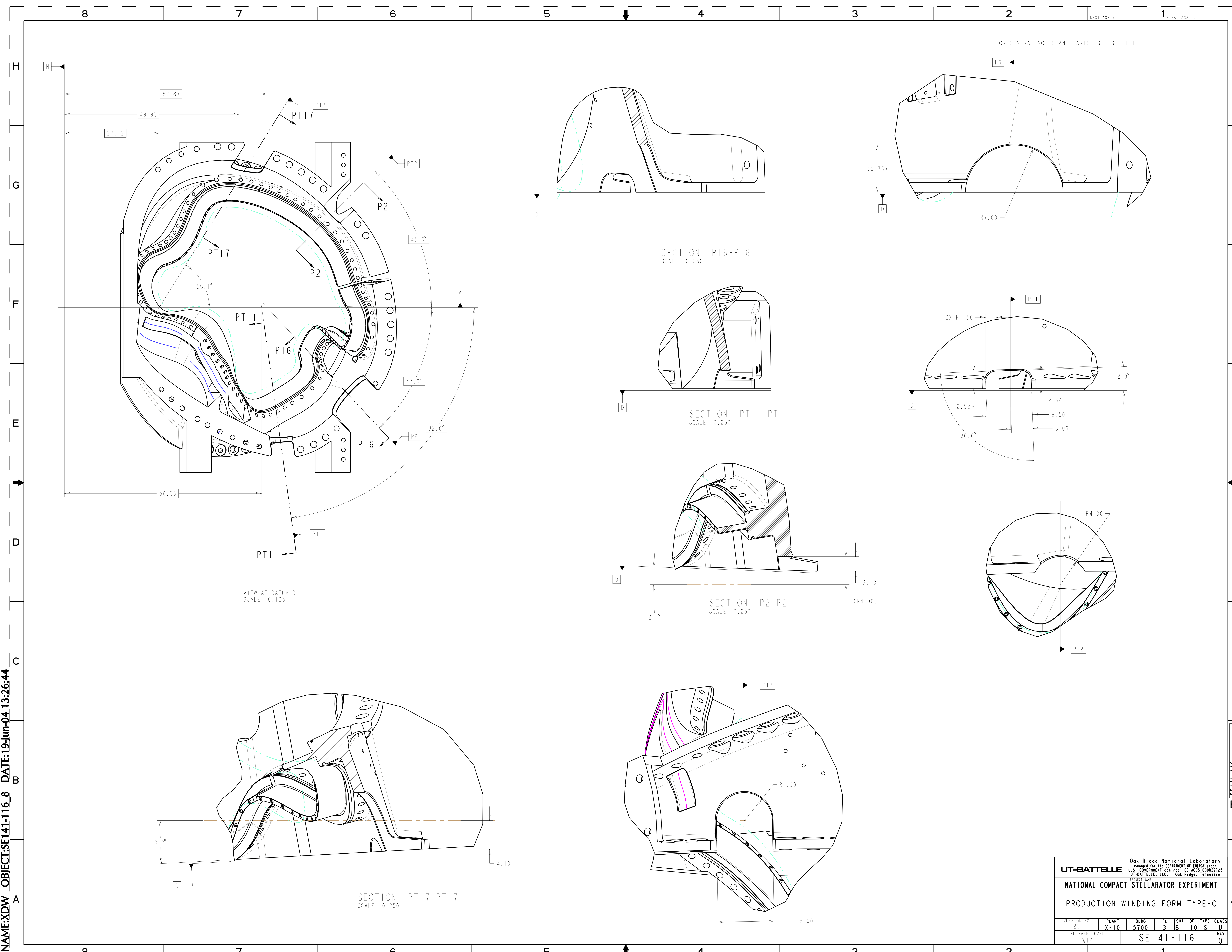


## SECTION Q-Q

SECTION     P-P      
SCALE 0.250

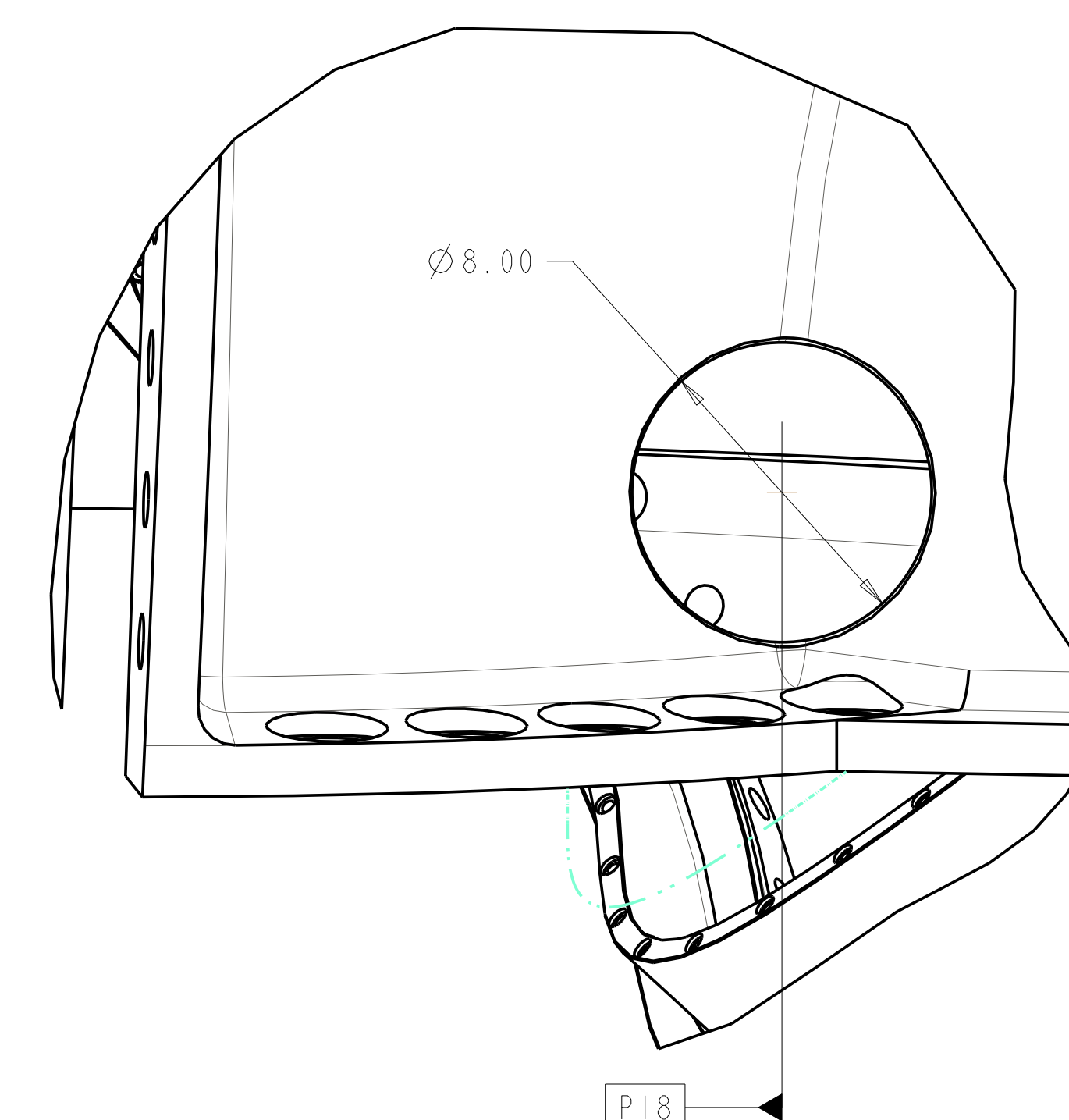
<b>U-BATTELLE</b>		Oak Ridge National Laboratory managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT CONTRACT NO. AC05-80OR21725 U-BATTELLE, LLC, Oak Ridge, Tennessee						
		PROJECT TITLE						
<b>NATIONAL COMPACT STELLARATOR EXPERIMENT</b>								
PRODUCTION WINDING FORM TYPE-C								
VERSION NO. 23	PLANT X-10	BLDG 5700	FL 3	SHT 7	OF 10	TYPE S	CLASS U	
RELEASE LEVEL WIP		SE141-116					REV 0	





NAME:XDW OBJECT:SE141-116.8 DATE:19Jun-04 13:26:44





SECTION E1-E1  
SCALE 0.250

<b><u>UT-BATTELLE</u></b>				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			
PRODUCTION WINDING FORM TYPE-C																			
VERSION NO.		PLANT		BLDG		FL		SHT		OF		TYPE		CLASS					
23		X-10		5700		3		9		10		S		REV 0					
RELEASE LEVEL				SEI41-116															
WIP																			



TABLE IV SPHERICAL SEAT CENTERS  
SIDE B  
FILE (SEI4I-II6-SB.TXT)

No.	x	y	z
1	-54.522	-62.374	-10.059
2	-54.393	-61.007	-13.094
3	-54.264	-59.547	-15.662
4	-53.878	-58.123	-17.968
5	-53.129	-56.781	-20.110
6	-52.016	-55.573	-22.083
7	-50.568	-54.551	-23.860
8	-48.824	-53.739	-25.440
9	-46.830	-53.126	-26.842
10	-44.621	-52.668	-28.111
11	-42.210	-52.282	-29.304
12	-39.601	-51.849	-30.470
13	-36.806	-51.367	-31.619
14	-33.877	-50.233	-32.748
15	-30.944	-48.772	-33.688
16	-28.213	-46.854	-34.443
17	-25.833	-44.722	-34.921
18	-23.705	-42.739	-35.024
19	-21.566	-41.207	-34.573
20	-19.323	-40.413	-33.355
21	-17.206	-40.368	-31.524
22	-15.314	-40.727	-29.410
23	-13.571	-41.197	-27.181
24	-11.896	-41.598	-24.919
25	-10.198	-41.821	-22.627
26	-8.322	-41.605	-20.176
27	-6.284	-40.717	-17.506
28	-4.143	-39.619	-14.666
29	-2.149	-28.276	-13.616
30	-2.469	-31.014	-12.547
31	-4.803	-28.034	-11.543
32	-5.610	-25.312	-10.380
33	-6.517	-22.883	-9.231
34	-7.404	-20.650	-7.986
35	-8.545	-18.515	-5.860
36	-10.063	-17.114	-2.954
37	-11.930	-16.473	0.003
38	-14.206	-16.189	2.651
39	-17.233	-15.965	4.850
40	-20.931	-15.928	6.169
41	-24.286	-16.078	6.572
42	-27.086	-16.259	6.649
43	-29.547	-16.420	6.749
44	-31.775	-16.558	6.843
45	-33.729	-16.392	3.778
46	-30.378	-19.388	30.284
47	-29.826	-42.650	31.858
48	-29.614	-46.435	32.729
49	-29.919	-50.426	32.621
50	-30.942	-54.105	31.531
51	-32.645	-56.913	29.873
52	-34.596	-58.807	28.202
53	-36.411	-60.257	26.702
54	-37.828	-61.797	25.184
55	-38.406	-63.653	23.484
56	-37.814	-65.511	21.883
57	-36.526	-67.174	20.586
58	-34.876	-68.702	19.538
59	-32.883	-70.444	18.408
60	-30.952	-72.26	16.001
61	-30.885	-75.157	12.451
62	-32.684	-76.139	8.827
63	-35.789	-75.795	6.325
64	-39.151	-73.589	5.610
65	-41.972	-73.216	5.958
66	-44.486	-71.820	6.587
67	-46.837	-70.398	7.252
68	-49.130	-68.911	7.827
69	-51.406	-67.323	8.303
70	-53.646	-65.643	8.740
71	-55.806	-63.931	9.181
72	-57.839	-62.283	9.574
73	-59.690	-60.619	9.767
74	-61.273	-59.678	9.902
75	-62.637	-58.777	9.977
76	-63.137	-58.721	8.270
77	-63.508	-58.773	6.931
78	-63.266	-59.180	5.284
79	-62.357	-59.905	3.636
80	-60.845	-60.913	2.011
81	-58.849	-62.105	0.091
82	-56.690	-63.125	-2.689

# ALL POINT LOCATIONS ARE BASIC