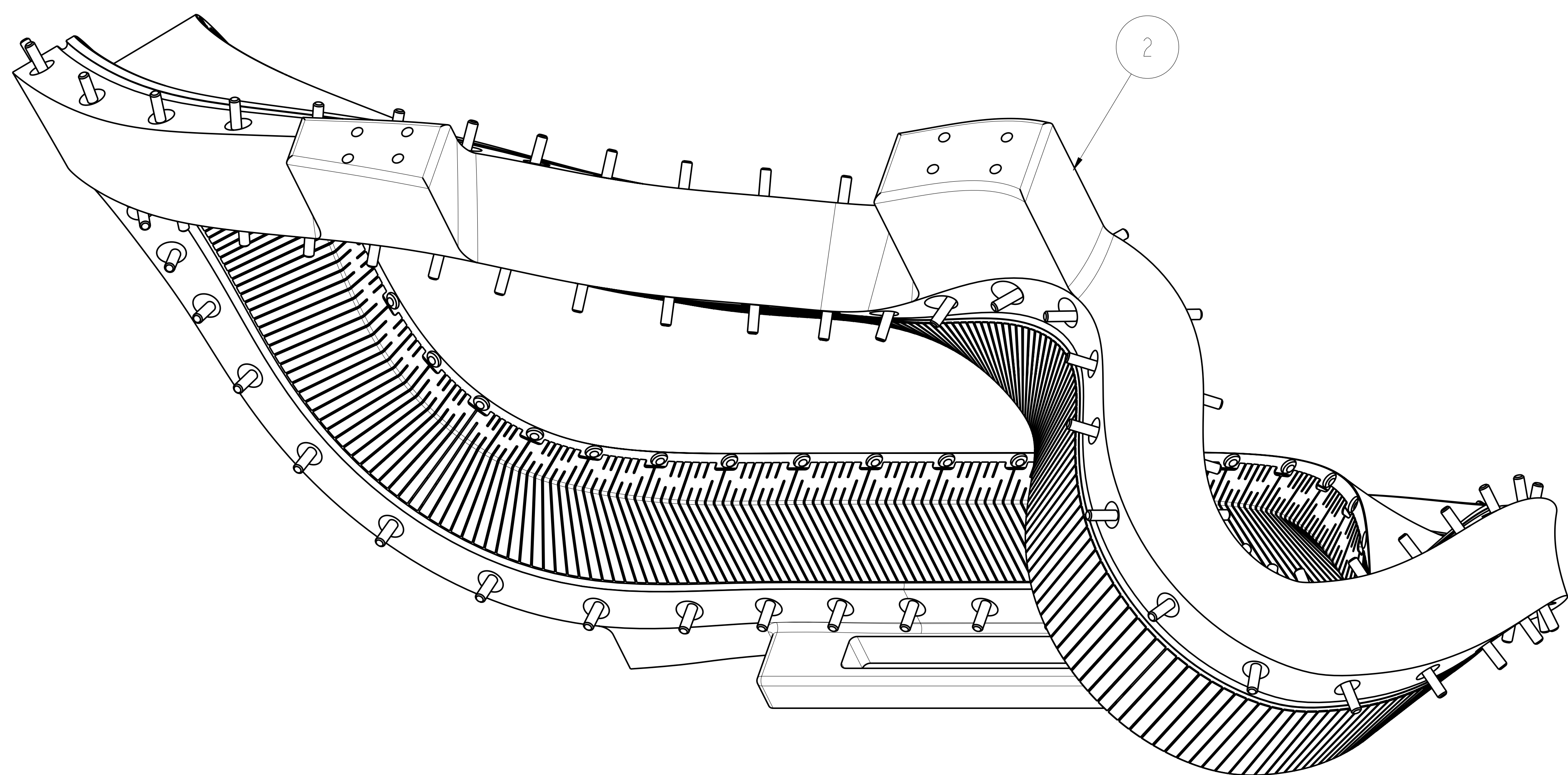


NOTES:

1. INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5M
2. DIMENSIONS ARE IN INCHES



SIDE "A" COPPER CHILL PLATE
FABRICATED INSTALLATION
TRIMETRIC VIEW
SCALE 0.38

**RELEASED FOR
FABRICATION / INSTALLATION**

PPPL Drafting:

CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	WEIGHT	FIND NO
I	SE1406-062-200	SIDE A FORMED CHILL PLATE # 200	COPPER	0.0978	200
I	SE1406-062-199	SIDE A FORMED CHILL PLATE # 199	COPPER	0.0979	199
I	SE1406-062-198	SIDE A FORMED CHILL PLATE # 198	COPPER	0.0973	198
I	SE1406-062-197	SIDE A FORMED CHILL PLATE # 197	COPPER	0.0962	197
I	SE1406-062-196	SIDE A FORMED CHILL PLATE # 196	COPPER	0.0956	196
I	SE1406-062-195	SIDE A FORMED CHILL PLATE # 195	COPPER	0.0961	195
I	SE1406-062-194	SIDE A FORMED CHILL PLATE # 194	COPPER	0.0972	194
I	SE1406-062-193	SIDE A FORMED CHILL PLATE # 193	COPPER	0.0983	193
I	SE1406-062-192	SIDE A FORMED CHILL PLATE # 192	COPPER	0.0975	192
I	SE1406-062-191	SIDE A FORMED CHILL PLATE # 191	COPPER	0.0955	191
I	SE1406-062-190	SIDE A FORMED CHILL PLATE # 190	COPPER	0.0931	190

CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	WEIGHT	FIND NO
I	SE1406-062-189	SIDE A FORMED CHILL PLATE # 189	COPPER	0.0920	189
I	SE1406-062-188	SIDE A FORMED CHILL PLATE # 188	COPPER	0.0930	188
I	SE1406-062-187	SIDE A FORMED CHILL PLATE # 187	COPPER	0.0964	187
I	SE1406-062-186	SIDE A FORMED CHILL PLATE # 186	COPPER	0.1007	186
I	SE1406-062-185	SIDE A FORMED CHILL PLATE # 185	COPPER	0.1039	185
I	SE1406-062-184	SIDE A FORMED CHILL PLATE # 184	COPPER	0.1027	184
I	SE1406-062-183	SIDE A FORMED CHILL PLATE # 183	COPPER	0.0969	183
I	SE1406-062-182	SIDE A FORMED CHILL PLATE # 182	COPPER	0.0893	182
I	SE1406-062-181	SIDE A FORMED CHILL PLATE # 181	COPPER	0.0844	181
I	SE1406-062-180	SIDE A FORMED CHILL PLATE # 180	COPPER	0.0815	180
I	SE1406-062-179	SIDE A FORMED CHILL PLATE # 179	COPPER	0.0797	179
I	SE1406-062-178	SIDE A FORMED CHILL PLATE # 178	COPPER	0.0759	178
I	SE1406-062-177	SIDE A FORMED CHILL PLATE # 177	COPPER	0.0702	177
I	SE1406-062-176	SIDE A FORMED CHILL PLATE # 176	COPPER	0.0625	176
I	SE1406-062-175	SIDE A FORMED CHILL PLATE # 175	COPPER	0.0556	175
I	SE1406-062-174	SIDE A FORMED CHILL PLATE # 174	COPPER	0.0537	174
I	SE1406-062-173	SIDE A FORMED CHILL PLATE # 173	COPPER	0.0583	173
I	SE1406-062-172	SIDE A FORMED CHILL PLATE # 172	COPPER	0.0678	172
I	SE1406-062-171	SIDE A FORMED CHILL PLATE # 171	COPPER	0.0778	171
I	SE1406-062-170	SIDE A FORMED CHILL PLATE # 170	COPPER	0.0863	170
I	SE1406-062-169	SIDE A FORMED CHILL PLATE # 169	COPPER	0.0908	169
I	SE1406-062-168	SIDE A FORMED CHILL PLATE # 168	COPPER	0.0925	168
I	SE1406-062-167	SIDE A FORMED CHILL PLATE # 167	COPPER	0.0919	167
I	SE1406-062-166	SIDE A FORMED CHILL PLATE # 166	COPPER	0.0919	166
I	SE1406-062-165	SIDE A FORMED CHILL PLATE # 165	COPPER	0.0920	165
I	SE1406-062-164	SIDE A FORMED CHILL PLATE # 164	COPPER	0.0931	164
I	SE1406-062-163	SIDE A FORMED CHILL PLATE # 163	COPPER	0.0941	163
I	SE1406-062-162	SIDE A FORMED CHILL PLATE # 162	COPPER	0.0958	162
I	SE1406-062-161	SIDE A FORMED CHILL PLATE # 161	COPPER	0.0972	161
I	SE1406-062-160	SIDE A FORMED CHILL PLATE # 160	COPPER	0.0991	160
I	SE1406-062-159	SIDE A FORMED CHILL PLATE # 159	COPPER	0.1005	159
I	SE1406-062-158	SIDE A FORMED CHILL PLATE # 158	COPPER	0.1021	158
I	SE1406-062-157	SIDE A FORMED CHILL PLATE # 157	COPPER	0.1028	157
I	SE1406-062-156	SIDE A FORMED CHILL PLATE # 156	COPPER	0.1029	156
I	SE1406-062-155	SIDE A FORMED CHILL PLATE # 155	COPPER	0.1023	155
I	SE1406-062-154	SIDE A FORMED CHILL PLATE # 154	COPPER	0.1009	154
I	SE1406-062-153	SIDE A FORMED CHILL PLATE # 153	COPPER	0.0983	153
I	SE1406-062-152	SIDE A FORMED CHILL PLATE # 152	COPPER	0.0948	152
I	SE1406-062-151	SIDE A FORMED CHILL PLATE # 151	COPPER	0.0916	151
I	SE1406-062-150	SIDE A FORMED CHILL PLATE # 150	COPPER	0.0894	150
I	SE1406-062-149	SIDE A FORMED CHILL PLATE # 149	COPPER	0.0878	149
I	SE1406-062-148	SIDE A FORMED CHILL PLATE # 148	COPPER	0.0867	148
I	SE1406-062-147	SIDE A FORMED CHILL PLATE # 147	COPPER	0.0834	147
I	SE1406-062-146	SIDE A FORMED CHILL PLATE # 146	COPPER	0.0817	146
I	SE1406-062-145	SIDE A FORMED CHILL PLATE # 145	COPPER	0.0760	145
I	SE1406-062-144	SIDE A FORMED CHILL PLATE # 144	COPPER	0.0723	144
I	SE1406-062-143	SIDE A FORMED CHILL PLATE # 143	COPPER	0.0669	143
I	SE1406-062-142	SIDE A FORMED CHILL PLATE # 142	COPPER	0.0694	142
I	SE1406-062-141	SIDE A FORMED CHILL PLATE # 141	COPPER	0.0779	141
I	SE1406-062-140	SIDE A FORMED CHILL PLATE # 140	COPPER	0.0935	140
I	SE1406-062-139	SIDE A FORMED CHILL PLATE # 139	COPPER	0.1069	139
I	SE1406-062-138	SIDE A FORMED CHILL PLATE # 138	COPPER	0.1191	138
I	SE1406-062-137	SIDE A FORMED CHILL PLATE # 137	COPPER	0.1263	137
I	SE1406-062-136	SIDE A FORMED CHILL PLATE # 136	COPPER	0.1326	136
I	SE1406-062-135	SIDE A FORMED CHILL PLATE # 135	COPPER	0.1351	135
I	SE1406-062-134	SIDE A FORMED CHILL PLATE # 134	COPPER	0.1388	134
I	SE1406-062-133	SIDE A FORMED CHILL PLATE # 133	COPPER	0.1375	133
I	SE1406-062-132	SIDE A FORMED CHILL PLATE # 132	COPPER	0.1428	132
I	SE1406-062-131	SIDE A FORMED CHILL PLATE # 131	COPPER	0.1325	131
I	SE1406-062-130	SIDE A FORMED CHILL PLATE # 130	COPPER	0.1177	130
I	SE1406-062-129	SIDE A FORMED CHILL PLATE # 129	COPPER	0.1146	129
I	SE1406-062-128	SIDE A FORMED CHILL PLATE # 128	COPPER	0.1098	128
I	SE1406-062-127	SIDE A FORMED CHILL PLATE # 127	COPPER	0.1052	127
I	SE1406-062-126	SIDE A FORMED CHILL PLATE # 126	COPPER	0.1025	126
I	SE1406-062-125	SIDE A FORMED CHILL PLATE # 125	COPPER	0.0997	125
I	SE1406-062-124	SIDE A FORMED CHILL PLATE # 124	COPPER	0.0986	124
I	SE1406-062-123	SIDE A FORMED CHILL PLATE # 123	COPPER	0.0969	123
I	SE1406-062-122	SIDE A FORMED CHILL PLATE # 122	COPPER	0.0958	122
I	SE1406-062-121	SIDE A FORMED CHILL PLATE # 121	COPPER	0.0941	121
I	SE1406-062-120	SIDE A FORMED CHILL PLATE # 120	COPPER	0.0925	120
I	SE1406-062-119	SIDE A FORMED CHILL PLATE # 119	COPPER	0.0908	119
I	SE1406-062-118	SIDE A FORMED CHILL PLATE # 118	COPPER	0.0889	118
I	SE1406-062-117	SIDE A FORMED CHILL PLATE # 117	COPPER	0.0863	117
I	SE1406-062-116	SIDE A FORMED CHILL PLATE # 116	COPPER	0.0839	116
I	SE1406-062-115	SIDE A FORMED CHILL PLATE # 115	COPPER	0.0811	115
I	SE1406-062-114	SIDE A FORMED CHILL PLATE # 114	COPPER	0.0795	114
I	SE1406-062-113	SIDE A FORMED CHILL PLATE # 113	COPPER	0.0776	113
I	SE1406-062-112	SIDE A FORMED CHILL PLATE # 112	COPPER	0.0789	112
I	SE1406-062-111	SIDE A FORMED CHILL PLATE # 111	COPPER	0.0818	111
I	SE1406-062-110	SIDE A FORMED CHILL PLATE # 110	COPPER	0.0879	110
I	SE1406-062-109	SIDE A FORMED CHILL PLATE # 109	COPPER	0.0922	109
I	SE1406-062-108	SIDE A FORMED CHILL PLATE # 108	COPPER	0.0965	108
I	SE1406-062-107	SIDE A FORMED CHILL PLATE # 107	COPPER	0.0972	107
I	SE1406-062-106	SIDE A FORMED CHILL PLATE # 106	COPPER	0.0982	106
I	SE1406-062-105	SIDE A FORMED CHILL PLATE # 105	COPPER	0.0971	105
I	SE1406-062-104	SIDE A FORMED CHILL PLATE # 104	COPPER	0.0976	104
I	SE1406-062-103	SIDE A FORMED CHILL PLATE # 103	COPPER	0.0967	103
I	SE1406-062-102	SIDE A FORMED CHILL PLATE # 102	COPPER	0.0974	102
I	SE1406-062-101	SIDE A FORMED CHILL PLATE # 101	COPPER	0.0968	101
-	SE1406-011	TWISTED RACETRACK WINDING FORM WLDMT	STEEL	730.0000	2
-	-	SIDE "A" COPPER CHILL PLATE FAB INSTALL	--	7.3320	1

CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	WEIGHT	FIND NO
-	-	NEXT ASSEMBLY	-	-	-

CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	WEIGHT	FIND NO
-	-	NEXT ASSEMBLY	-	-	-

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

DES	BRAD NELSON	2/22/04
DRW	TOM HARGROVE	2/22/04
CHK	MIKE COLE	2/22/04
SECT		
DEPT		
PE	DAVE WILLIAMSON	2/22/04
CR		
PJ		
RD		
FINISH		

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P THIS DRAWING PRODUCED ON PRO-ENGINEER

Oak Ridge National Laboratory
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U.S. GOVERNMENT CONTRACT DE-AC05-00OR22725
BY BATTELLE, LLC, Oak Ridge, Tennessee

UT-BATTELLE

NATIONAL COMPACT STELLARATOR EXPERIMENT

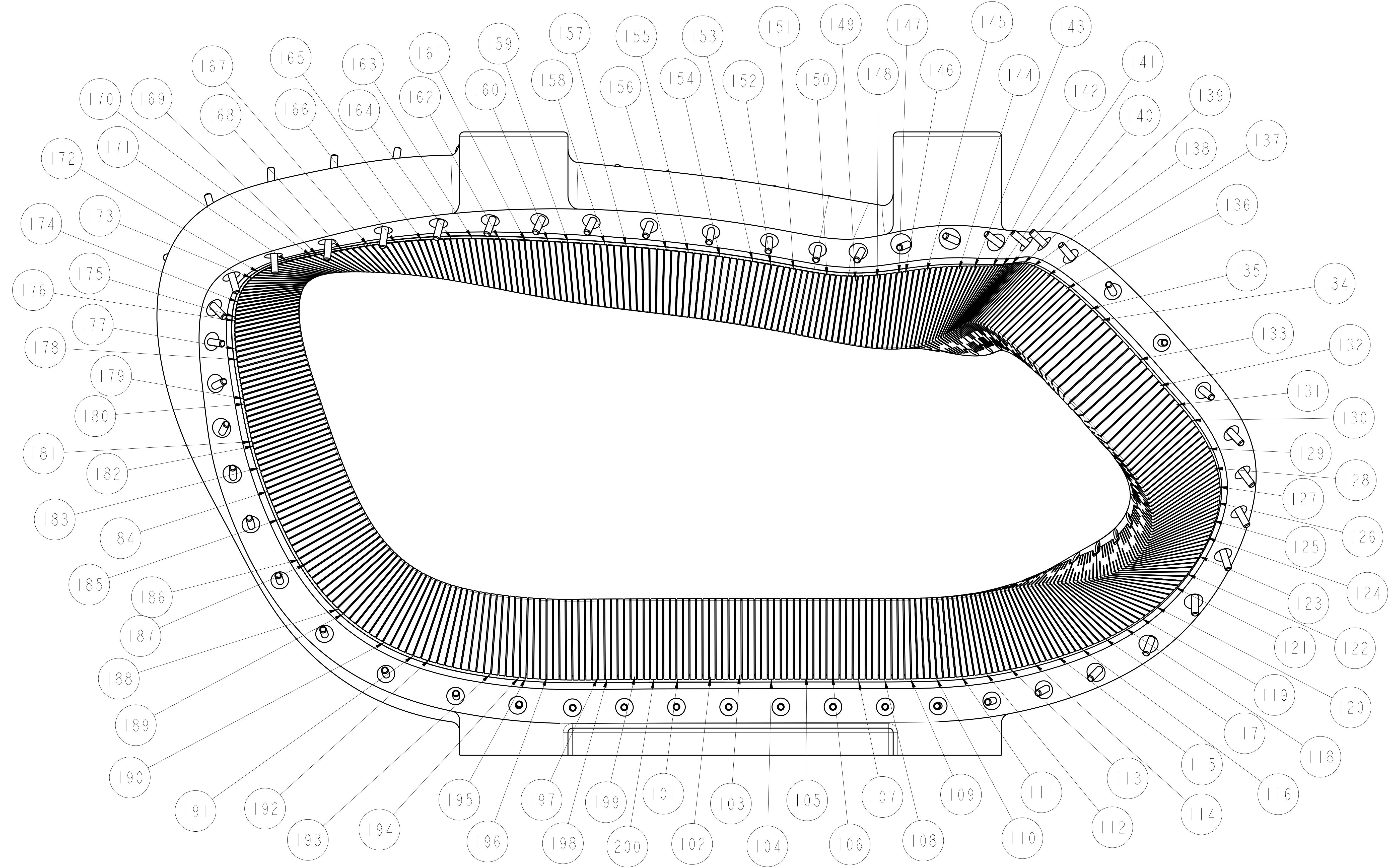
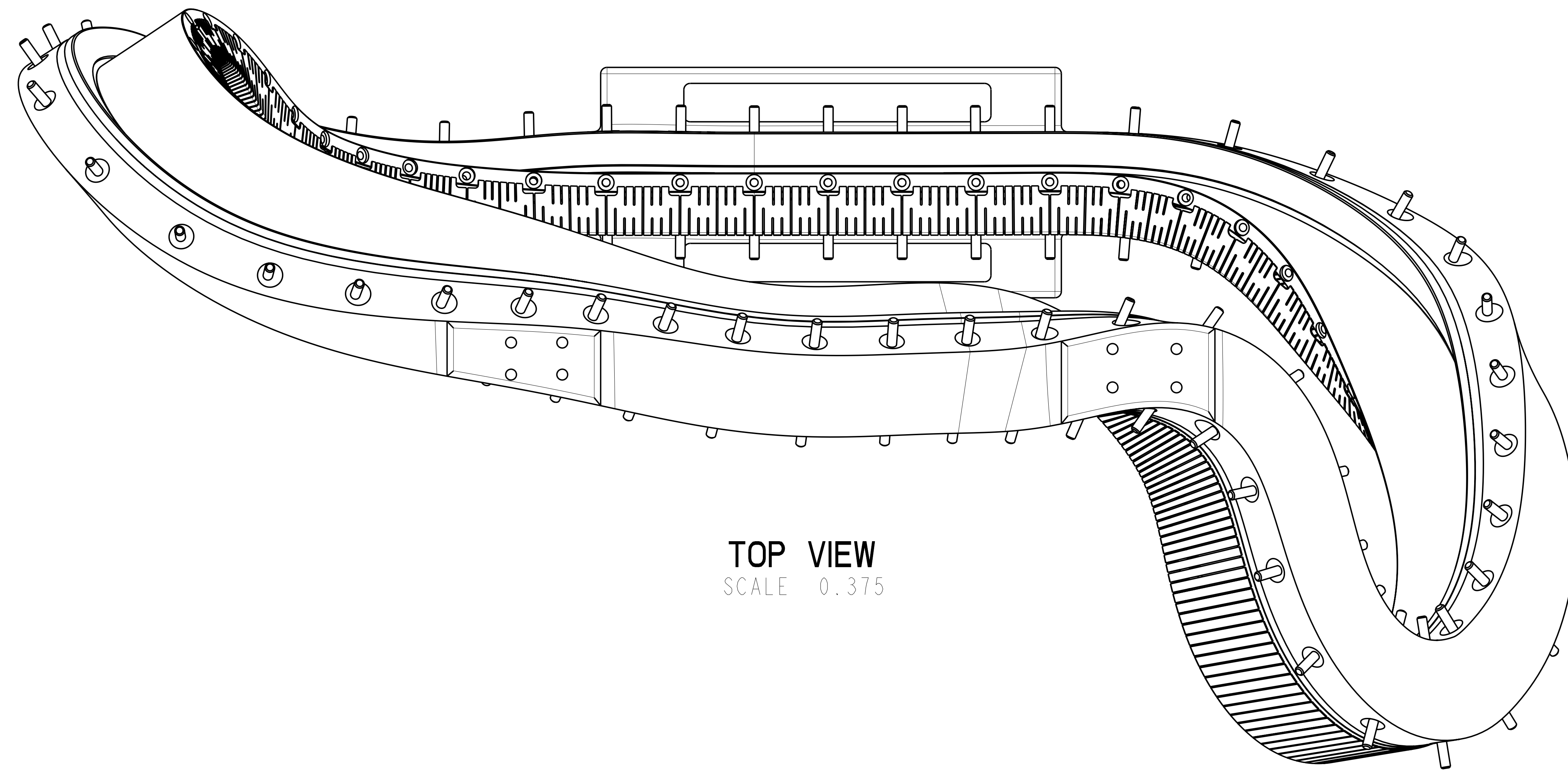
TWISTED RACETRACK
SIDE A COPPER CHILL PLATE
FABRICATED INSTALLATION

VERSION NO.	PLANT	BLDG	FL	SHT	TYPE	CLASS
1+	5700	3	1	2	U	U

RELEASE LEVEL
Fabrication

SE1406-061

REV 0



**RELEASED FOR
FABRICATION / INSTALLATION**

PPPL Drafting:

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						
TWISTED RACETRACK SIDE A COPPER CHILL PLATE FABRICATED INSTALLATION						
VERSION NO:	PLANT	BLDG	FL	SHT	OF	TYPE CLASS
1+		5700	3	2	2	U
RELEASE LEVEL		SE1406-061			REV	
Fabrication					0	