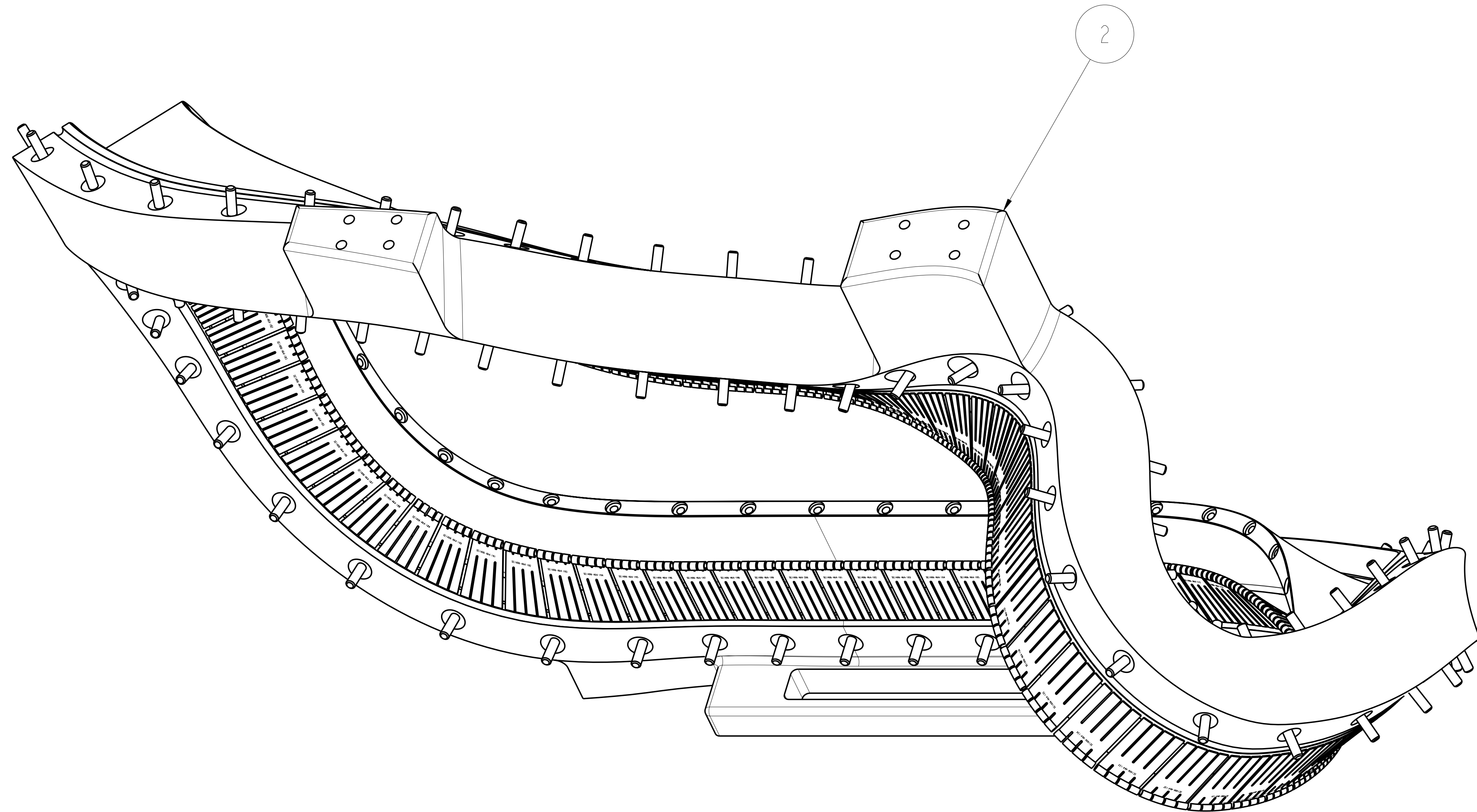


NOTES:

1. INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5M
2. DIMENSIONS ARE IN INCHES
3. FIND NUMBERS 3 THRU 100 SKIPPED FOR CLARITY



SIDE "A" LOWER CHILL PLATE
FABRICATED INSTALLATION
REVERSE TRIMETRIC VIEW
SCALE 0.38

**RELEASED FOR
FABRICATION / INSTALLATION**

PPPL Drafting:

next ass'y	CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	WEIGHT	FIND NO
I		SEI406-464-200	SIDE "A" FORMED LOWER CHILL PLATE # 200	COPPER	0.0622	200
I		SEI406-464-199	SIDE "A" FORMED LOWER CHILL PLATE # 199	COPPER	0.0640	199
I		SEI406-464-198	SIDE "A" FORMED LOWER CHILL PLATE # 198	COPPER	0.0622	198
I		SEI406-464-197	SIDE "A" FORMED LOWER CHILL PLATE # 197	COPPER	0.0628	197
I		SEI406-464-196	SIDE "A" FORMED LOWER CHILL PLATE # 196	COPPER	0.0622	196
I		SEI406-464-195	SIDE "A" FORMED LOWER CHILL PLATE # 195	COPPER	0.0638	195
I		SEI406-464-194	SIDE "A" FORMED LOWER CHILL PLATE # 194	COPPER	0.0622	194
I		SEI406-464-193	SIDE "A" FORMED LOWER CHILL PLATE # 193	COPPER	0.0686	193
I		SEI406-464-192	SIDE "A" FORMED LOWER CHILL PLATE # 192	COPPER	0.0622	192
I		SEI406-464-191	SIDE "A" FORMED LOWER CHILL PLATE # 191	COPPER	0.0697	191
I		SEI406-464-190	SIDE "A" FORMED LOWER CHILL PLATE # 190	COPPER	0.0622	190

next ass'y	CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	WEIGHT	FIND NO
I		SEI406-464-189	SIDE "A" FORMED LOWER CHILL PLATE # 189	COPPER	0.0672	189
I		SEI406-464-188	SIDE "A" FORMED LOWER CHILL PLATE # 188	COPPER	0.0622	188
I		SEI406-464-187	SIDE "A" FORMED LOWER CHILL PLATE # 187	COPPER	0.0688	187
I		SEI406-464-186	SIDE "A" FORMED LOWER CHILL PLATE # 186	COPPER	0.0622	186
I		SEI406-464-185	SIDE "A" FORMED LOWER CHILL PLATE # 185	COPPER	0.0713	185
I		SEI406-464-184	SIDE "A" FORMED LOWER CHILL PLATE # 184	COPPER	0.0622	184
I		SEI406-464-183	SIDE "A" FORMED LOWER CHILL PLATE # 183	COPPER	0.0631	183
I		SEI406-464-182	SIDE "A" FORMED LOWER CHILL PLATE # 182	COPPER	0.0622	182
I		SEI406-464-181	SIDE "A" FORMED LOWER CHILL PLATE # 181	COPPER	0.0525	181
I		SEI406-464-180	SIDE "A" FORMED LOWER CHILL PLATE # 180	COPPER	0.0622	180
I		SEI406-464-179	SIDE "A" FORMED LOWER CHILL PLATE # 179	COPPER	0.0499	179
I		SEI406-464-178	SIDE "A" FORMED LOWER CHILL PLATE # 178	COPPER	0.0622	178
I		SEI406-464-177	SIDE "A" FORMED LOWER CHILL PLATE # 177	COPPER	0.0431	177
I		SEI406-464-176	SIDE "A" FORMED LOWER CHILL PLATE # 176	COPPER	0.0622	176
I		SEI406-464-175	SIDE "A" FORMED LOWER CHILL PLATE # 175	COPPER	0.0324	175
I		SEI406-464-174	SIDE "A" FORMED LOWER CHILL PLATE # 174	COPPER	0.0622	174
I		SEI406-464-173	SIDE "A" FORMED LOWER CHILL PLATE # 173	COPPER	0.0381	173
I		SEI406-464-172	SIDE "A" FORMED LOWER CHILL PLATE # 172	COPPER	0.0622	172
I		SEI406-464-171	SIDE "A" FORMED LOWER CHILL PLATE # 171	COPPER	0.0545	171
I		SEI406-464-170	SIDE "A" FORMED LOWER CHILL PLATE # 170	COPPER	0.0622	170
I		SEI406-464-169	SIDE "A" FORMED LOWER CHILL PLATE # 169	COPPER	0.0630	169
I		SEI406-464-168	SIDE "A" FORMED LOWER CHILL PLATE # 168	COPPER	0.0622	168
I		SEI406-464-167	SIDE "A" FORMED LOWER CHILL PLATE # 167	COPPER	0.0626	167
I		SEI406-464-166	SIDE "A" FORMED LOWER CHILL PLATE # 166	COPPER	0.0622	166
I		SEI406-464-165	SIDE "A" FORMED LOWER CHILL PLATE # 165	COPPER	0.0613	165
I		SEI406-464-164	SIDE "A" FORMED LOWER CHILL PLATE # 164	COPPER	0.0622	164
I		SEI406-464-163	SIDE "A" FORMED LOWER CHILL PLATE # 163	COPPER	0.0613	163
I		SEI406-464-162	SIDE "A" FORMED LOWER CHILL PLATE # 162	COPPER	0.0622	162
I		SEI406-464-161	SIDE "A" FORMED LOWER CHILL PLATE # 161	COPPER	0.0628	161
I		SEI406-464-160	SIDE "A" FORMED LOWER CHILL PLATE # 160	COPPER	0.0622	160
I		SEI406-464-159	SIDE "A" FORMED LOWER CHILL PLATE # 159	COPPER	0.0661	159
I		SEI406-464-158	SIDE "A" FORMED LOWER CHILL PLATE # 158	COPPER	0.0622	158
I		SEI406-464-157	SIDE "A" FORMED LOWER CHILL PLATE # 157	COPPER	0.0696	157
I		SEI406-464-156	SIDE "A" FORMED LOWER CHILL PLATE # 156	COPPER	0.0622	156
I		SEI406-464-155	SIDE "A" FORMED LOWER CHILL PLATE # 155	COPPER	0.0700	155
I		SEI406-464-154	SIDE "A" FORMED LOWER CHILL PLATE # 154	COPPER	0.0622	154
I		SEI406-464-153	SIDE "A" FORMED LOWER CHILL PLATE # 153	COPPER	0.0658	153
I		SEI406-464-152	SIDE "A" FORMED LOWER CHILL PLATE # 152	COPPER	0.0622	152
I		SEI406-464-151	SIDE "A" FORMED LOWER CHILL PLATE # 151	COPPER	0.0584	151
I		SEI406-464-150	SIDE "A" FORMED LOWER CHILL PLATE # 150	COPPER	0.0561	150
I		SEI406-464-149	SIDE "A" FORMED LOWER CHILL PLATE # 149	COPPER	0.0579	149
I		SEI406-464-148	SIDE "A" FORMED LOWER CHILL PLATE # 148	COPPER	0.0530	148
I		SEI406-464-147	SIDE "A" FORMED LOWER CHILL PLATE # 147	COPPER	0.0515	147
I		SEI406-464-146	SIDE "A" FORMED LOWER CHILL PLATE # 146	COPPER	0.0494	146
I		SEI406-464-145	SIDE "A" FORMED LOWER CHILL PLATE # 145	COPPER	0.0468	145
I		SEI406-464-144	SIDE "A" FORMED LOWER CHILL PLATE # 144	COPPER	0.0438	144
I		SEI406-464-143	SIDE "A" FORMED LOWER CHILL PLATE # 143	COPPER	0.0418	143
I		SEI406-464-142	SIDE "A" FORMED LOWER CHILL PLATE # 142	COPPER	0.0438	142
I		SEI406-464-141	SIDE "A" FORMED LOWER CHILL PLATE # 141	COPPER	0.0515	141
I		SEI406-464-140	SIDE "A" FORMED LOWER CHILL PLATE # 140	COPPER	0.0625	140
I		SEI406-464-139	SIDE "A" FORMED LOWER CHILL PLATE # 139	COPPER	0.0731	139
I		SEI406-464-138	SIDE "A" FORMED LOWER CHILL PLATE # 138	COPPER	0.0818	138
I		SEI406-464-137	SIDE "A" FORMED LOWER CHILL PLATE # 137	COPPER	0.0882	137
I		SEI406-464-136	SIDE "A" FORMED LOWER CHILL PLATE # 136	COPPER	0.0925	136
I		SEI406-464-135	SIDE "A" FORMED LOWER CHILL PLATE # 135	COPPER	0.0950	135
I		SEI406-464-134	SIDE "A" FORMED LOWER CHILL PLATE # 134	COPPER	0.0966	134
I		SEI406-464-133	SIDE "A" FORMED LOWER CHILL PLATE # 133	COPPER	0.0961	133
I		SEI406-464-132	SIDE "A" FORMED LOWER CHILL PLATE # 132	COPPER	0.0979	132
I		SEI406-464-131	SIDE "A" FORMED LOWER CHILL PLATE # 131	COPPER	0.0917	131
I		SEI406-464-130	SIDE "A" FORMED LOWER CHILL PLATE # 130	COPPER	0.0824	130
I		SEI406-464-129	SIDE "A" FORMED LOWER CHILL PLATE # 129	COPPER	0.0809	129
I		SEI406-464-128	SIDE "A" FORMED LOWER CHILL PLATE # 128	COPPER	0.0773	128
I		SEI406-464-127	SIDE "A" FORMED LOWER CHILL PLATE # 127	COPPER	0.0744	127
I		SEI406-464-126	SIDE "A" FORMED LOWER CHILL PLATE # 126	COPPER	0.0718	126
I		SEI406-464-125	SIDE "A" FORMED LOWER CHILL PLATE # 125	COPPER	0.0698	125
I		SEI406-464-124	SIDE "A" FORMED LOWER CHILL PLATE # 124	COPPER	0.0683	124
I		SEI406-464-123	SIDE "A" FORMED LOWER CHILL PLATE # 123	COPPER	0.0671	123
I		SEI406-464-122	SIDE "A" FORMED LOWER CHILL PLATE # 122	COPPER	0.0660	122
I		SEI406-464-121	SIDE "A" FORMED LOWER CHILL PLATE # 121	COPPER	0.0649	121
I		SEI406-464-120	SIDE "A" FORMED LOWER CHILL PLATE # 120	COPPER	0.0635	120
I		SEI406-464-119	SIDE "A" FORMED LOWER CHILL PLATE # 119	COPPER	0.0621	119
I		SEI406-464-118	SIDE "A" FORMED LOWER CHILL PLATE # 118	COPPER	0.0605	118
I		SEI406-464-117	SIDE "A" FORMED LOWER CHILL PLATE # 117	COPPER	0.0587	117
I		SEI406-464-116	SIDE "A" FORMED LOWER CHILL PLATE # 116	COPPER	0.0567	116
I		SEI406-464-115	SIDE "A" FORMED LOWER CHILL PLATE # 115	COPPER	0.0549	115
I		SEI406-464-114	SIDE "A" FORMED LOWER CHILL PLATE # 114	COPPER	0.0534	114
I		SEI406-464-113	SIDE "A" FORMED LOWER CHILL PLATE # 113	COPPER	0.0524	113
I		SEI406-464-112	SIDE "A" FORMED LOWER CHILL PLATE # 112	COPPER	0.0527	112
I		SEI406-464-111	SIDE "A" FORMED LOWER CHILL PLATE # 111	COPPER	0.0548	111
I		SEI406-464-110	SIDE "A" FORMED LOWER CHILL PLATE # 110	COPPER	0.0580	110
I		SEI406-464-109	SIDE "A" FORMED LOWER CHILL PLATE # 109	COPPER	0.0611	109
I		SEI406-464-108	SIDE "A" FORMED LOWER CHILL PLATE # 108	COPPER	0.0631	108
I		SEI406-464-107	SIDE "A" FORMED LOWER CHILL PLATE # 107	COPPER	0.0640	107
I		SEI406-464-106	SIDE "A" FORMED LOWER CHILL PLATE # 106	COPPER	0.0641	106
I		SEI406-464-105	SIDE "A" FORMED LOWER CHILL PLATE # 105	COPPER	0.0639	105
I		SEI406-464-104	SIDE "A" FORMED LOWER CHILL PLATE # 104	COPPER	0.0637	104
I		SEI406-464-103	SIDE "A" FORMED LOWER CHILL PLATE # 103	COPPER	0.0637	103
I		SEI406-464-102	SIDE "A" FORMED LOWER CHILL PLATE # 102	COPPER	0.0637	102
I		SEI406-464-101	SIDE "A" FORMED LOWER CHILL PLATE # 101	COPPER	0.0638	101
I		SEI406-011	TWISTED RACETRACK WINDING FORM WLDMT	STEEL	730.0000	2
I		-	SIDE "A" LOWER CHILL PLATE FAB INSTALL	--	6.3216	1

PARTS LIST

PARTS LIST

SCALE NOTED

DES	BRAD NELSON	02/09/05
DRW	TOM HARGROVE	02/09/05
CHK	MIKE CODE	02/09/05
SECT	:	:
DEPT	:	:
PE	DAVE WILLIAMSON	02/09/05
CR	±.005	:
PJ	±0°15'	:
REO	:	:
FINISH	±.025 UNLESS OTHERWISE SPECIFIED	:
PPPL DRFT	J STEGEL	02/09/05
VERSION NO.	1	:
PLANT	X-10	:
BLDG	5700	:
FL	1	:
SHT	2	:
TYPE	U	:
CLASS	U	:
RELEASE LEVEL	Fabrication	:
DRAWING APPROVALS	:	:

UT-BATTELLE
NATIONAL COMPACT STELLARATOR EXPERIMENT
TWISTED RACETRACK
SIDE "A" LOWER CHILL PLATE
FABRICATED INSTALLATION

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

PROJECT SMC

SEI406-463

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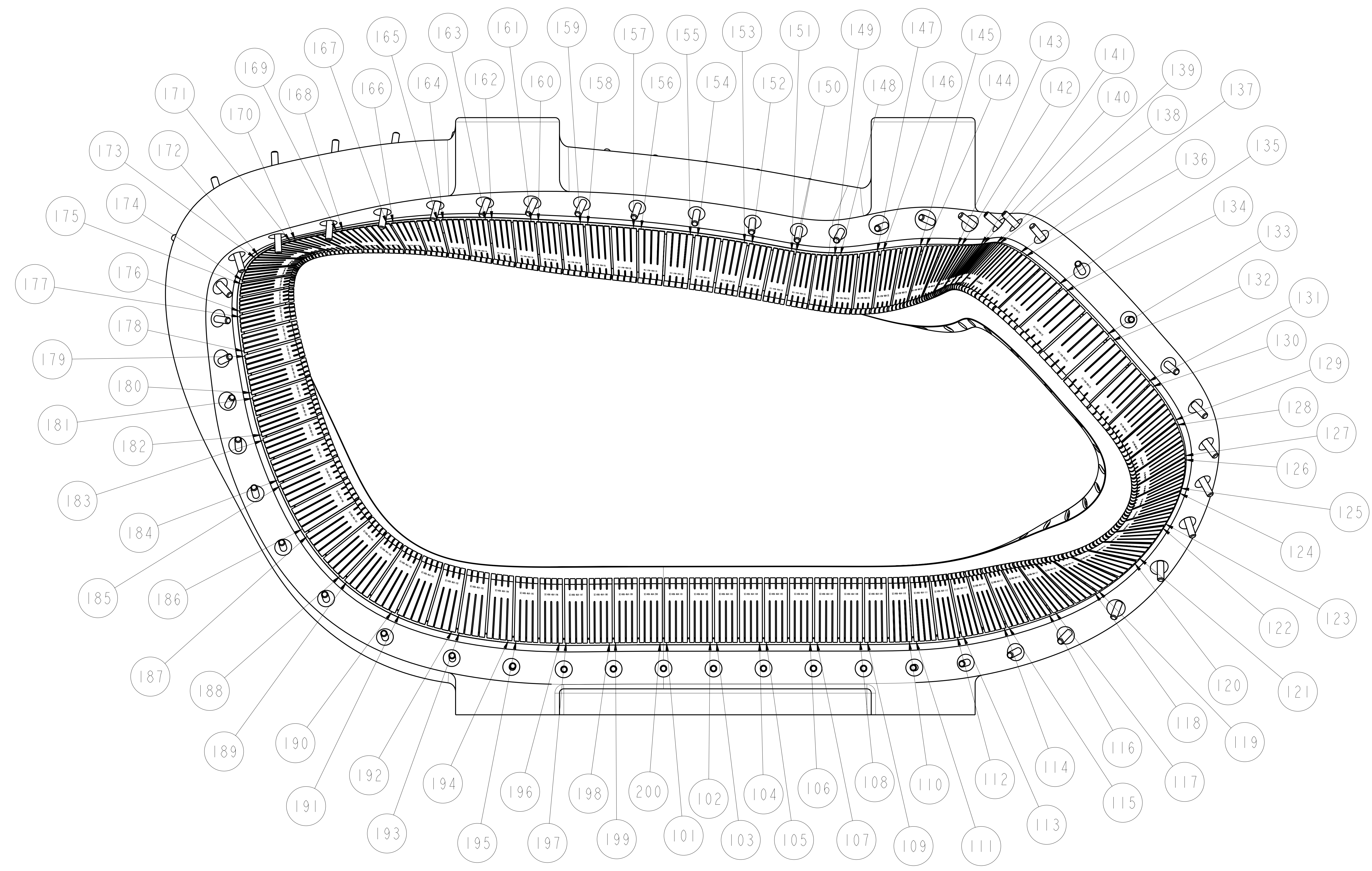
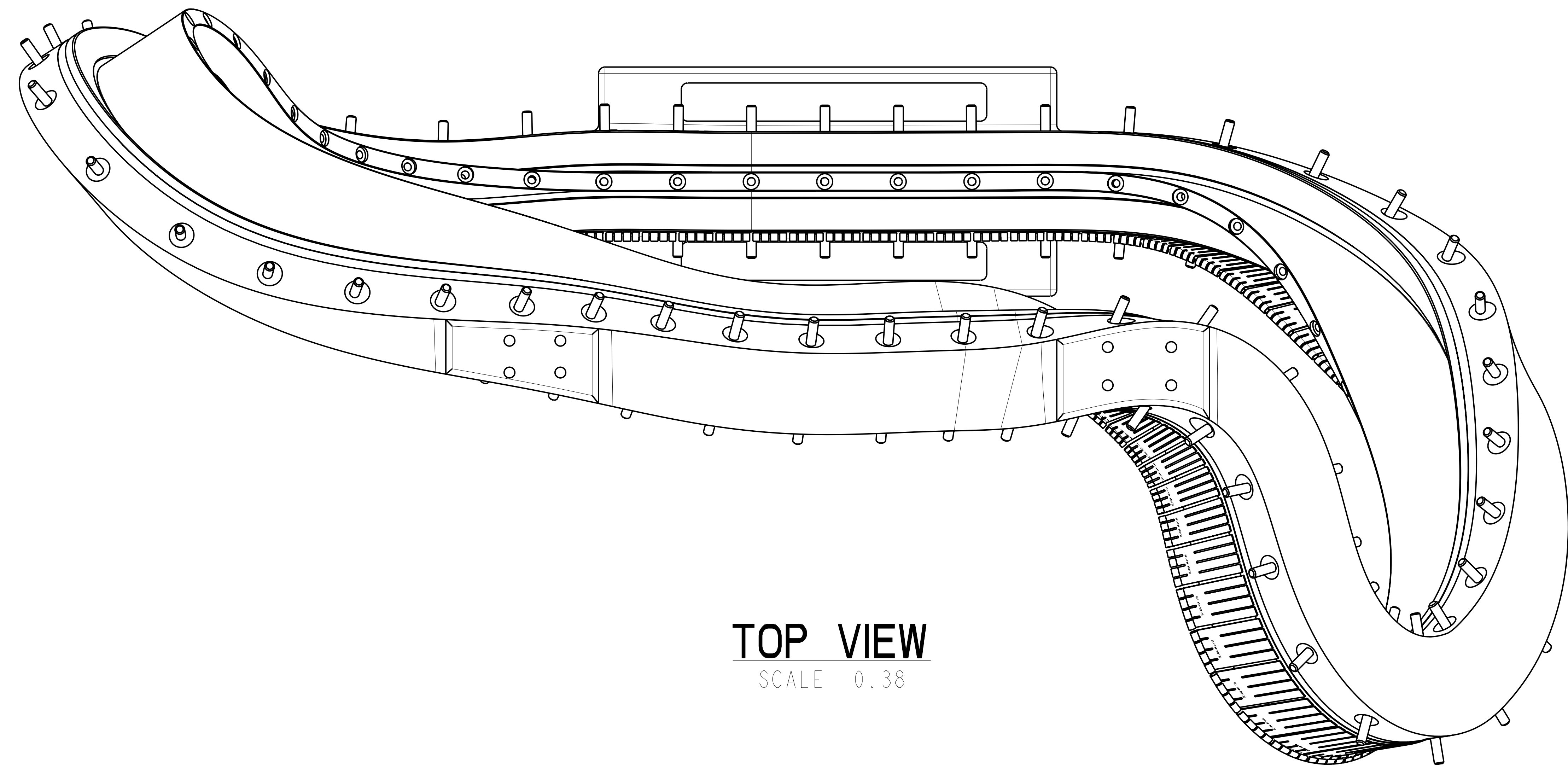
P THIS DRAWING PRODUCED ON PRO-ENGINEER

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

REVISION APPROVAL

B SEI406-463

A



**RELEASED FOR
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PPPL Drafting:

Oak Ridge National Laboratory managed for the DEPARTMENT OF ENERGY under UT-BATTELLE U.S. GOVERNMENT CONTRACT DE-AC05-00OR22725 UT-BATTELLE, LLC. Oak Ridge, Tennessee <small>PROJECT CODE:</small>						
NATIONAL COMPACT STELLARATOR EXPERIMENT						
TWISTED RACETRACK SIDE "A" LOWER CHILL PLATE FABRICATED INSTALLATION						
VERSION NO:	PLANT	BLDG	FL	SHT	OF	TYPE CLASS
1	5700	3	2	2		U
RELEASE LEVEL		SE 1406-463			REV	
Fabrication					0	