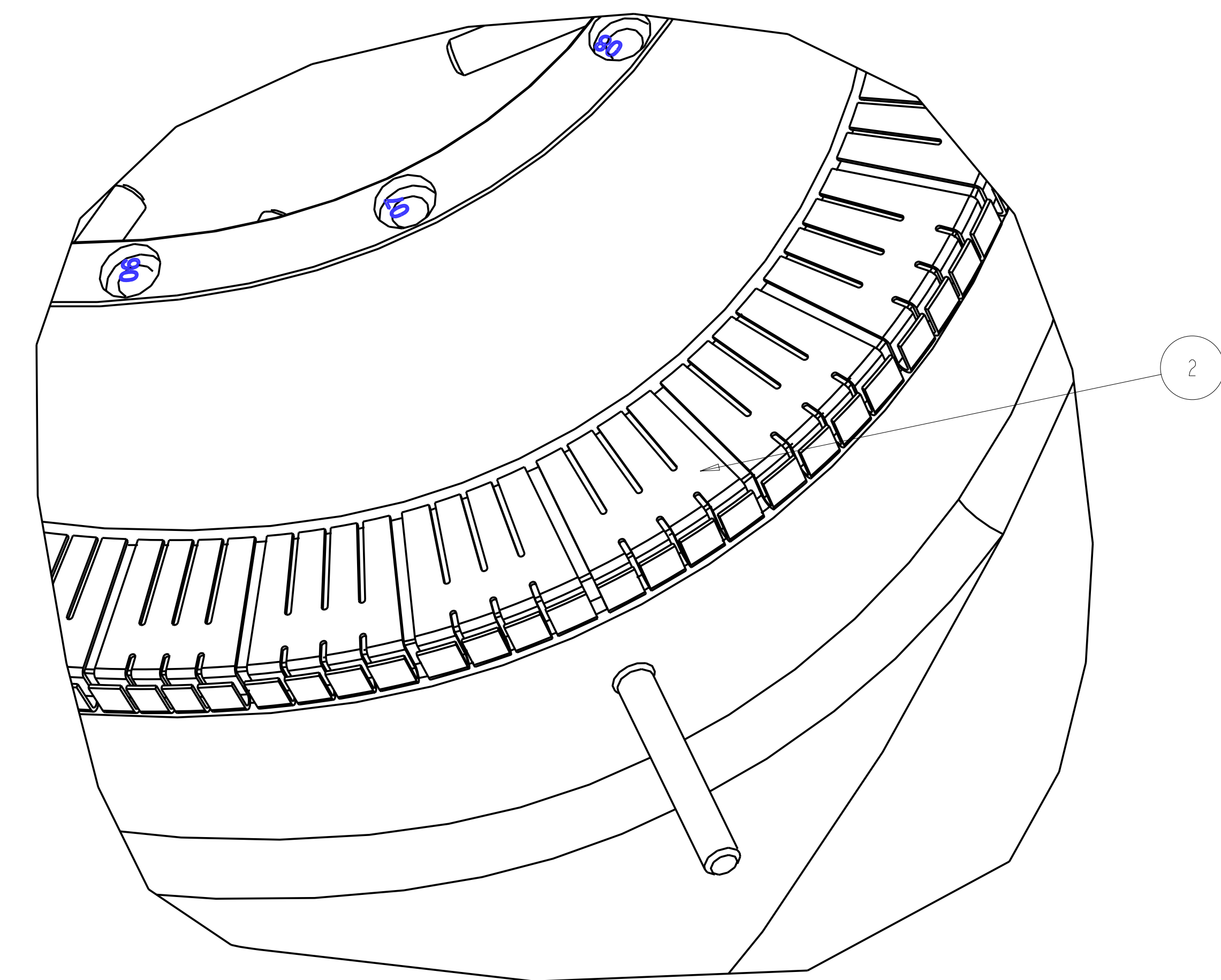


- NOTES
- 1. DRAWING PREPARED IN ACCORDANCE WITH ASME Y14.8M-1996.
- 2. INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5M-1994.
- 3. DIMENSIONS ARE IN INCHES.
- 4. DRAWING DEPICTS FLAT PATTERN OF FORMED PARTS DEFINED BY PRO/ENGINEER FILES SE142C-384-XXX.FORM.PRT.
- 5. PROFILE TOLERANCE OF FLAT PATTERN IS +/- .010 IN.
- 6. REMOVE ALL BURRS AND SHARP EDGES.
- 7. IDENTIFY PARTS BY ETCHING OR PERMANENT MARKER.

Table with 4 columns: INSTANCE NAME, HOLE, S-DIM, PART NAME. Lists 173 instances of parts like SE142C-384-FLAT-270 through SE142C-384-FLAT-173.

Table with 4 columns: INSTANCE NAME, HOLE, S-DIM, PART NAME. Lists 173 instances of parts like SE142C-384-FLAT-174 through SE142C-384-FLAT-269.

ECN-5140R2 pending. This ECN permits the use of UNS C11000 ETP as acceptable material per RFD-14-021. (See ECN-5140R2 for details)



ISOMETRIC VIEW SCALE 1.00

RELEASED FOR FABRICATION / INSTALLATION
PPPL Drafting:

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

191	-2	CLADDING PARTS	COPPER, ANNEALED	2
AR	-1	TYPE-C SIDE-A LOWER CLADDING ASM	UNS C10100, C10200	1
SE142C-251	1	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPECIFICATION	FIND NO

← NEXT ASSEMBLY PARTS LIST

SCALE NOTED
TOLERANCES UNLESS OTHERWISE SPECIFIED

DES	T HARGROVE	08-2005
DRW	G MCGINNIS	08-2005
CHK	M COLE	10-05
SECT	:	:
DEPT	:	:
PE	D WILLIAMSON	10-05
CR	:	:
PJ	:	:
REV	:	:
PPPL DRFT	J SIEGEL	10-05
REVISION APPROVALS	DATE	

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

NATIONAL COMPACT STELLARATOR EXPERIMENT

MODULAR COIL TYPE - C
SIDE - A LOWER CLADDING
FLAT PATTERN LAYOUT

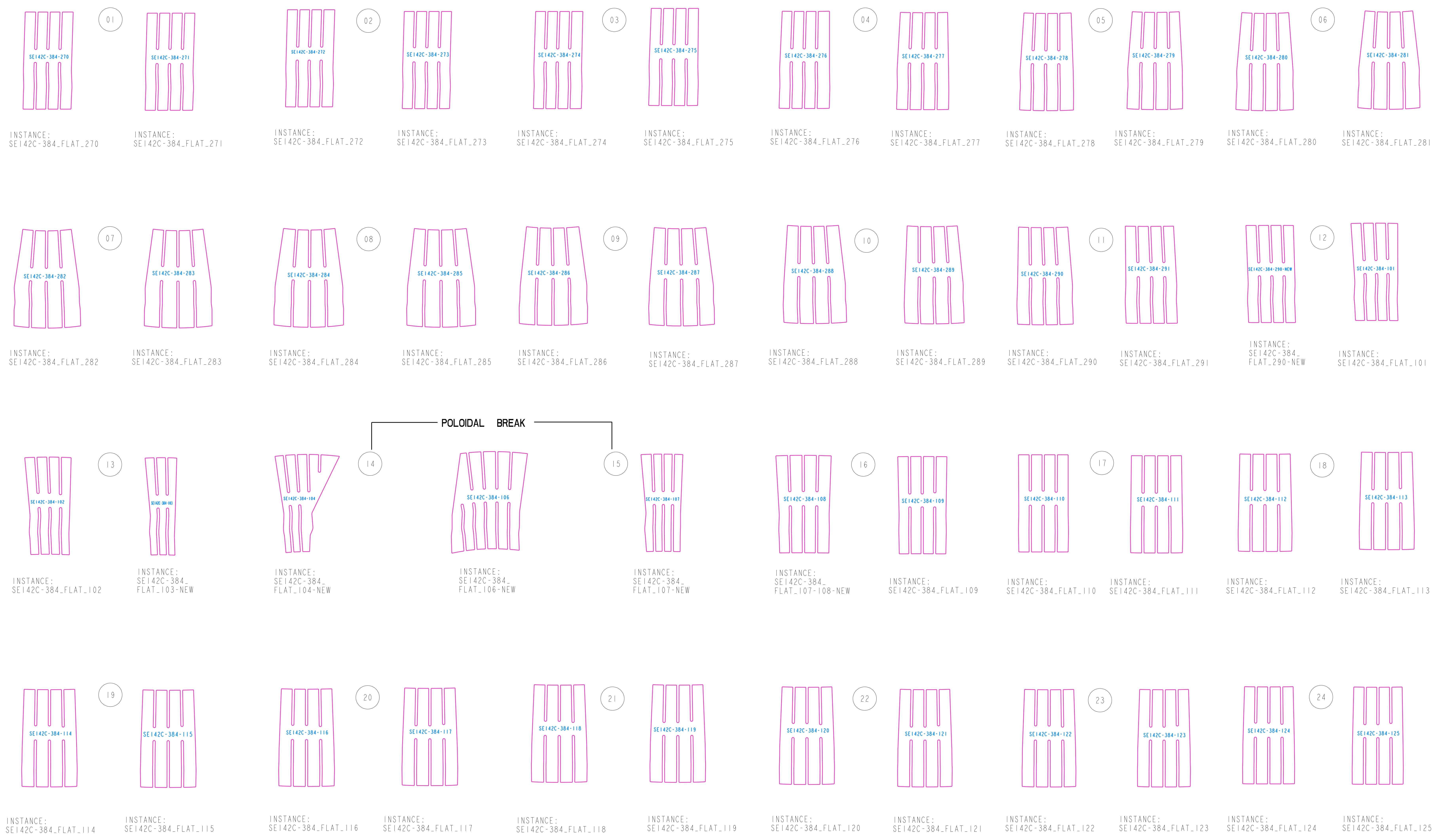
VERSION NO.	PLANT	BLDG	FL	SHT	TYPE	CLASS
6	X-10	5700	3	1	S	U

RELEASE LEVEL Fabrication
SE142C-384

REV 0

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



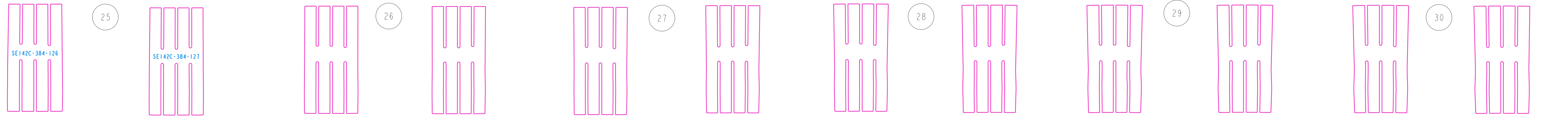
ECN-5140R2 pending. This ECN permits the use of UNS C11000 ETP as acceptable material per RFD-14-021.
(See ECN-5140R2 for details)

SCALE ALL VIEWS: 1.00

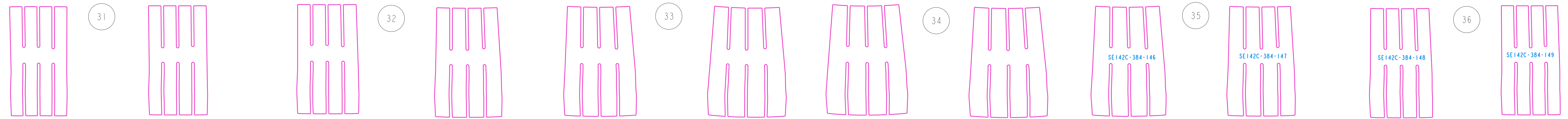
**RELEASED FOR
 FABRICATION / INSTALLATION**
 PPPL Drafting:

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 MODULAR COIL TYPE - C SIDE - A LOWER CLADDING FLAT PATTERN LAYOUT						
VERSION NO.	PLANT	BLDG	FL	SHT OF	TYPE	CLASS
6	X-10	5700	3	2	S	U
RELEASE LEVEL		SE142C-384		REV		
Fabrication				0		

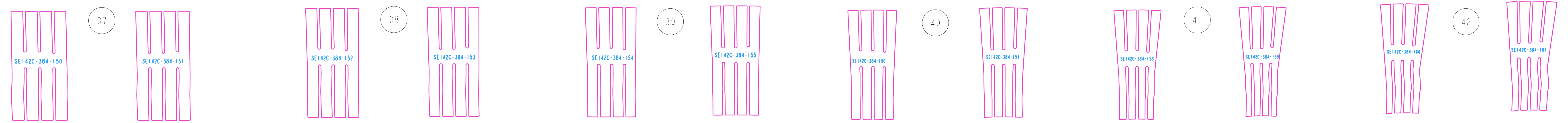
SE142C-384



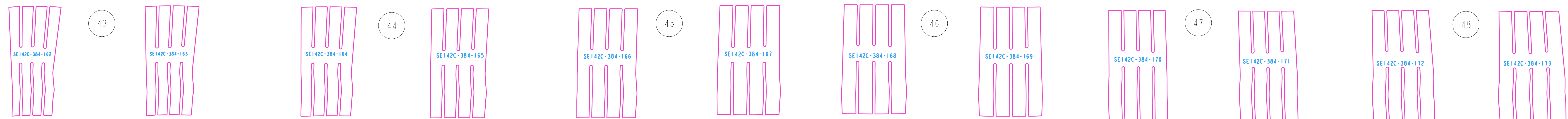
INSTANCE: SE142C-384_FLAT_126 INSTANCE: SE142C-384_FLAT_127 INSTANCE: SE142C-384_FLAT_128 INSTANCE: SE142C-384_FLAT_129 INSTANCE: SE142C-384_FLAT_130 INSTANCE: SE142C-384_FLAT_131 INSTANCE: SE142C-384_FLAT_132 INSTANCE: SE142C-384_FLAT_133 INSTANCE: SE142C-384_FLAT_134 INSTANCE: SE142C-384_FLAT_135 INSTANCE: SE142C-384_FLAT_136 INSTANCE: SE142C-384_FLAT_137



INSTANCE: SE142C-384_FLAT_138 INSTANCE: SE142C-384_FLAT_139 INSTANCE: SE142C-384_FLAT_140 INSTANCE: SE142C-384_FLAT_141 INSTANCE: SE142C-384_FLAT_142 INSTANCE: SE142C-384_FLAT_143 INSTANCE: SE142C-384_FLAT_144 INSTANCE: SE142C-384_FLAT_145 INSTANCE: SE142C-384_FLAT_146 INSTANCE: SE142C-384_FLAT_147 INSTANCE: SE142C-384_FLAT_148 INSTANCE: SE142C-384_FLAT_149



INSTANCE: SE142C-384_FLAT_150 INSTANCE: SE142C-384_FLAT_151 INSTANCE: SE142C-384_FLAT_152 INSTANCE: SE142C-384_FLAT_153 INSTANCE: SE142C-384_FLAT_154 INSTANCE: SE142C-384_FLAT_155 INSTANCE: SE142C-384_FLAT_156 INSTANCE: SE142C-384_FLAT_157 INSTANCE: SE142C-384_FLAT_158 INSTANCE: SE142C-384_FLAT_159 INSTANCE: SE142C-384_FLAT_160 INSTANCE: SE142C-384_FLAT_161



INSTANCE: SE142C-384_FLAT_162 INSTANCE: SE142C-384_FLAT_163 INSTANCE: SE142C-384_FLAT_164 INSTANCE: SE142C-384_FLAT_165 INSTANCE: SE142C-384_FLAT_166 INSTANCE: SE142C-384_FLAT_167 INSTANCE: SE142C-384_FLAT_168 INSTANCE: SE142C-384_FLAT_169 INSTANCE: SE142C-384_FLAT_170 INSTANCE: SE142C-384_FLAT_171 INSTANCE: SE142C-384_FLAT_172 INSTANCE: SE142C-384_FLAT_173

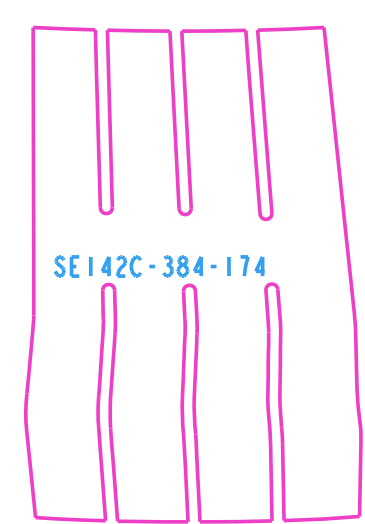
ECN-5140R2 pending. This ECN permits the use of UNS C11000 ETP as acceptable material per RFD-14-021. (See ECN-5140R2 for details)

SCALE ALL VIEWS: 1.00

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 MODULAR COIL TYPE - C SIDE - A LOWER CLADDING FLAT PATTERN LAYOUT						
VERSION NO.	PLANT	BLDG	FL	SHT OF	TYPE	CLASS
6	X-10	5700	3	3	S	U
RELEASE LEVEL		SE142C-384		REV		
Fabrication				0		

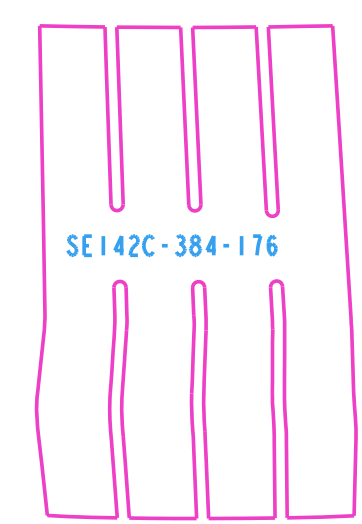
SE142C-384



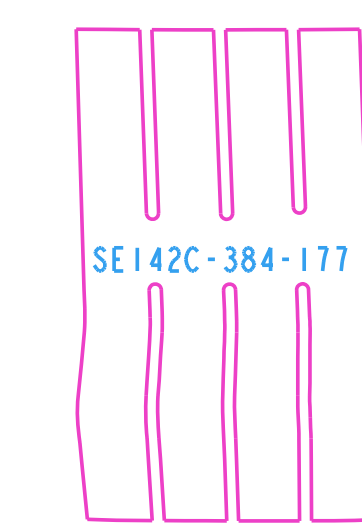
49



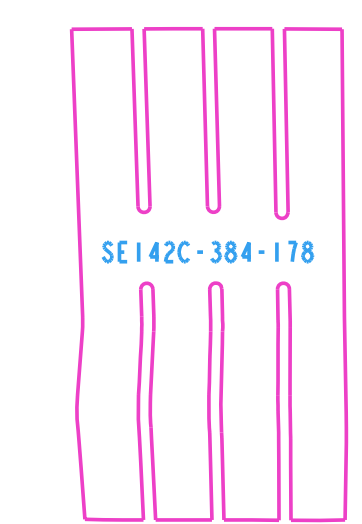
INSTANCE:
SE142C-384_FLAT_174



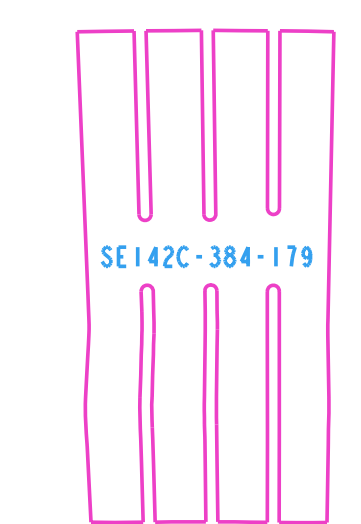
50



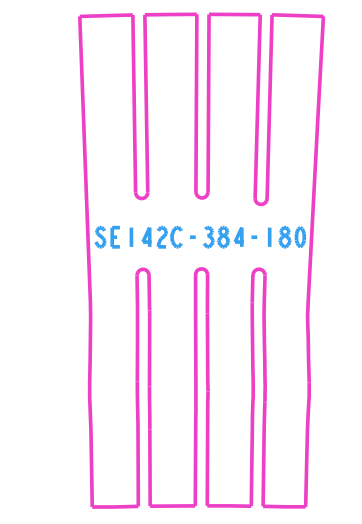
INSTANCE:
SE142C-384_FLAT_175



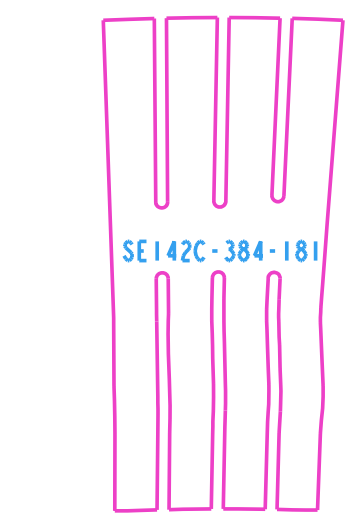
51



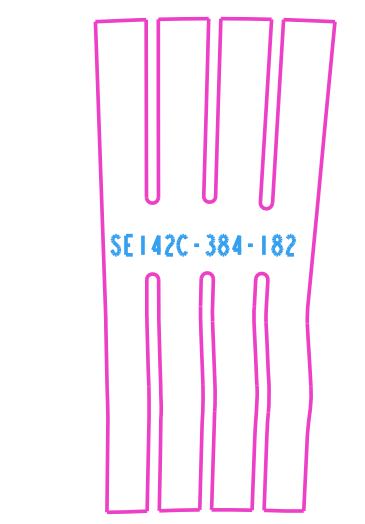
INSTANCE:
SE142C-384_FLAT_176



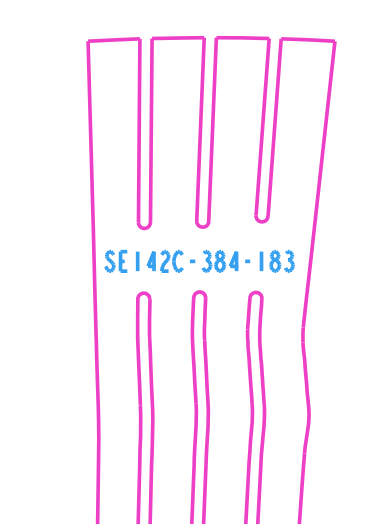
52



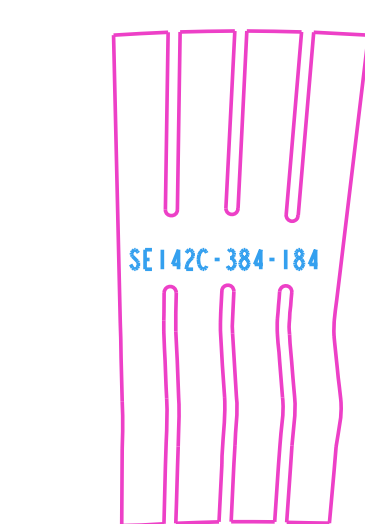
INSTANCE:
SE142C-384_FLAT_177



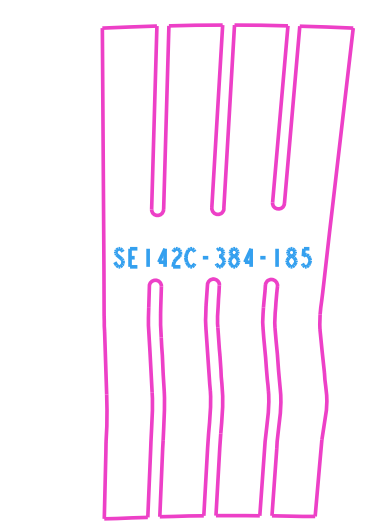
53



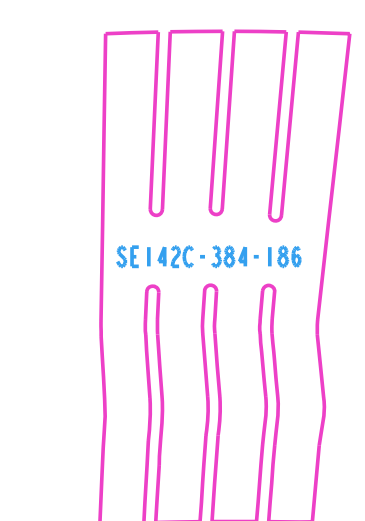
INSTANCE:
SE142C-384_FLAT_178



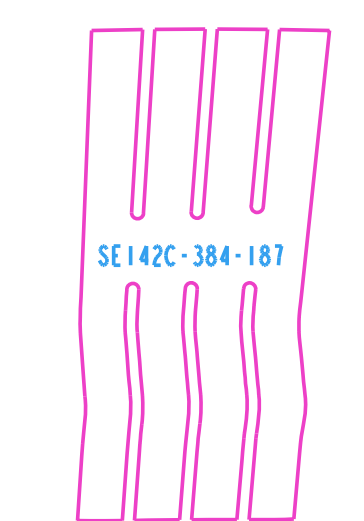
54



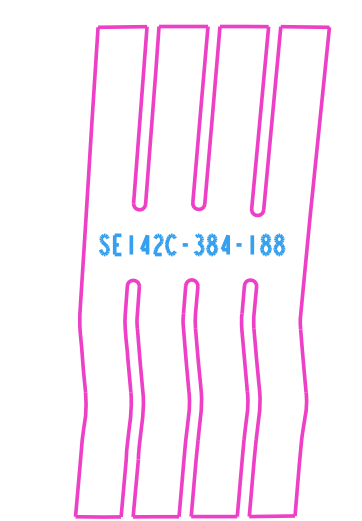
INSTANCE:
SE142C-384_FLAT_179



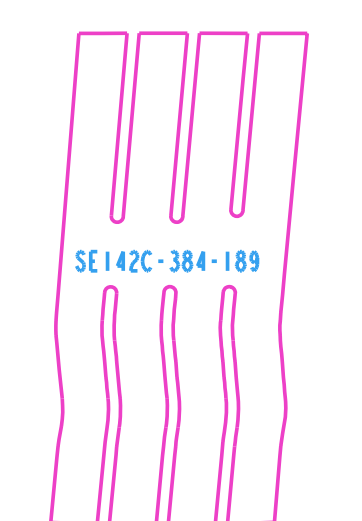
55



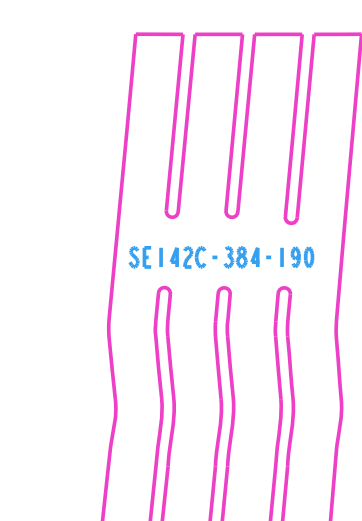
INSTANCE:
SE142C-384_FLAT_180



56



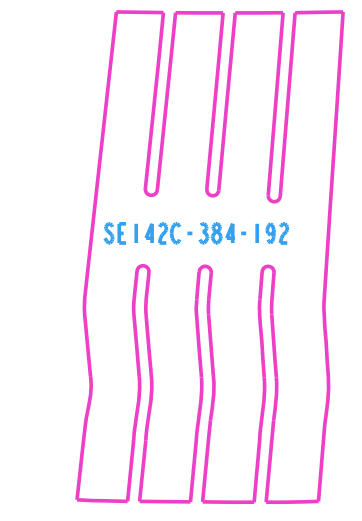
INSTANCE:
SE142C-384_FLAT_181



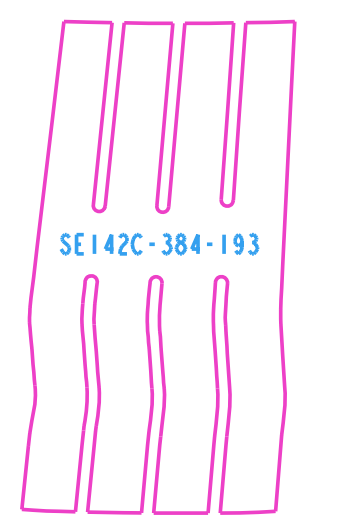
57



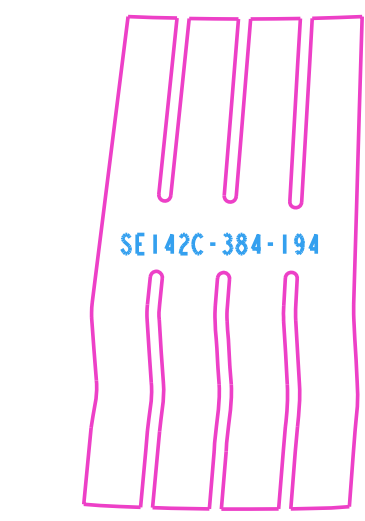
INSTANCE:
SE142C-384_FLAT_182



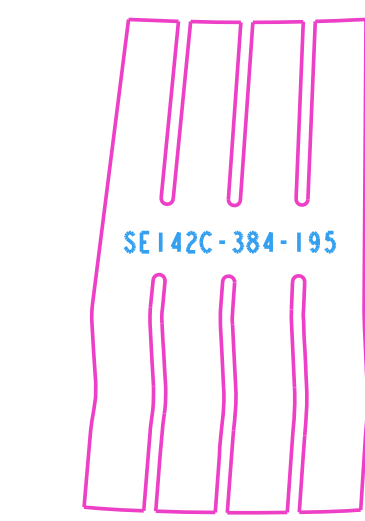
58



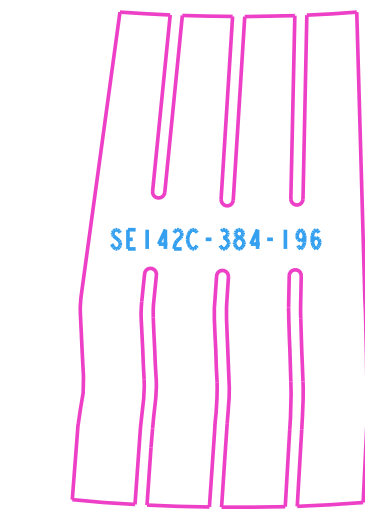
INSTANCE:
SE142C-384_FLAT_183



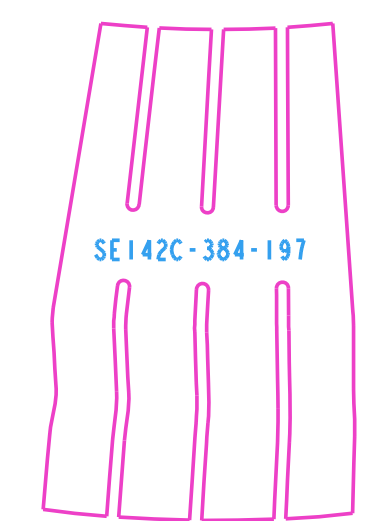
59



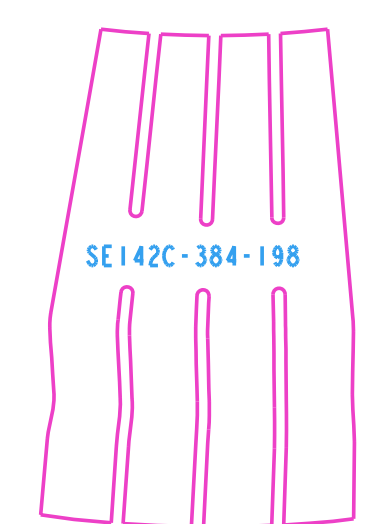
INSTANCE:
SE142C-384_FLAT_184



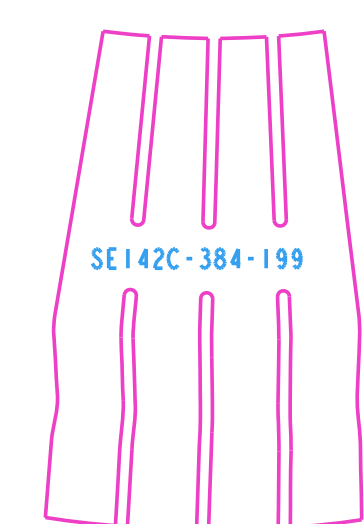
60



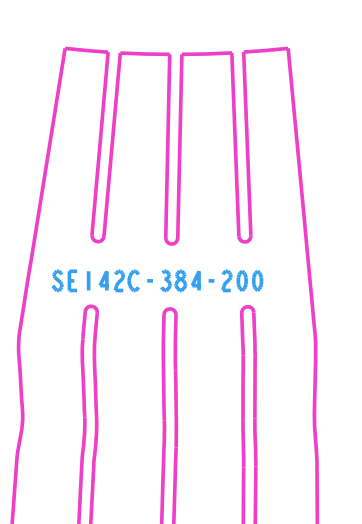
INSTANCE:
SE142C-384_FLAT_185



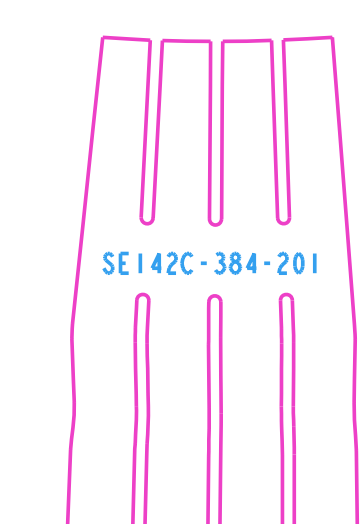
61



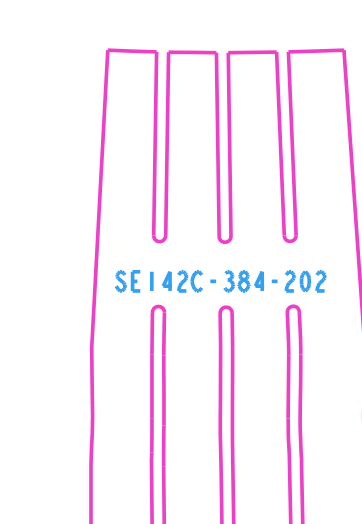
INSTANCE:
SE142C-384_FLAT_186



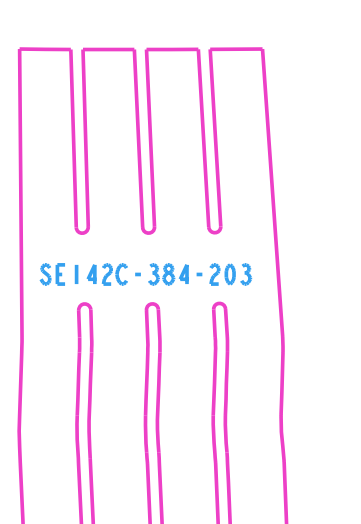
62



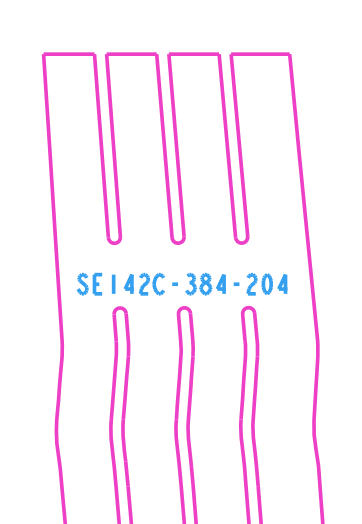
INSTANCE:
SE142C-384_FLAT_187



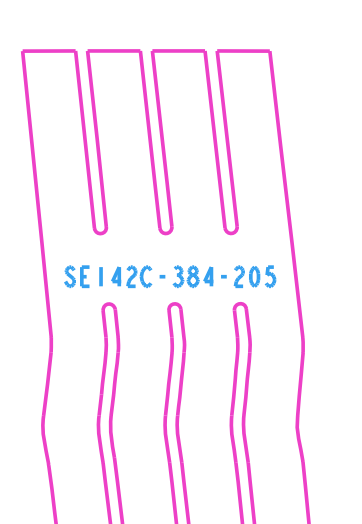
63



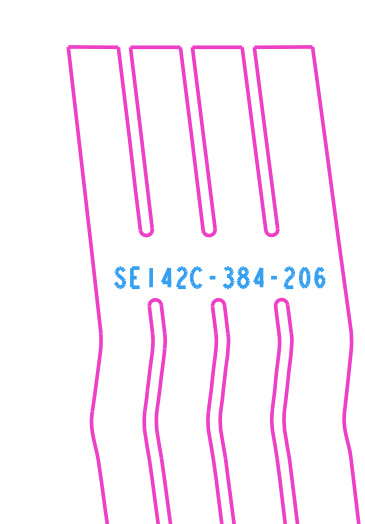
INSTANCE:
SE142C-384_FLAT_188



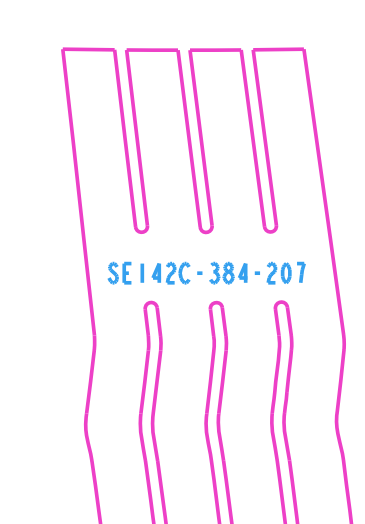
64



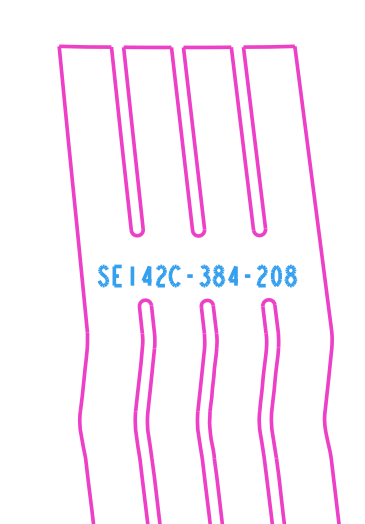
INSTANCE:
SE142C-384_FLAT_189



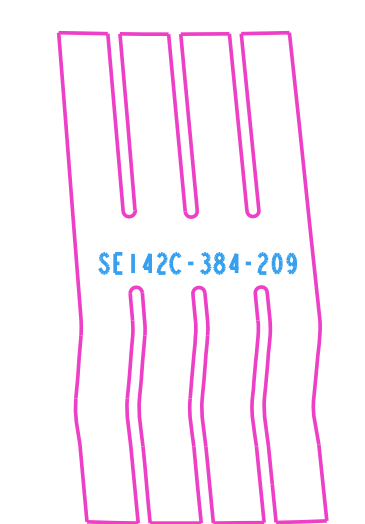
65



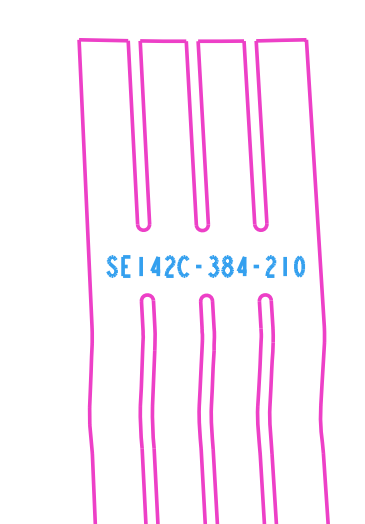
INSTANCE:
SE142C-384_FLAT_190



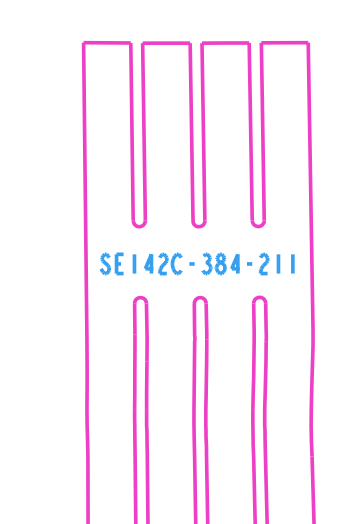
66



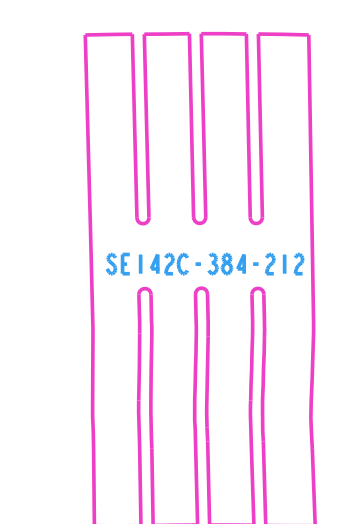
INSTANCE:
SE142C-384_FLAT_191



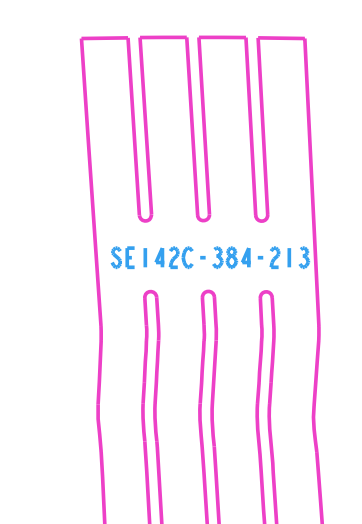
67



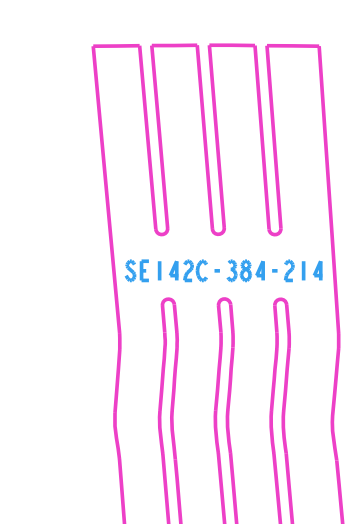
INSTANCE:
SE142C-384_FLAT_192



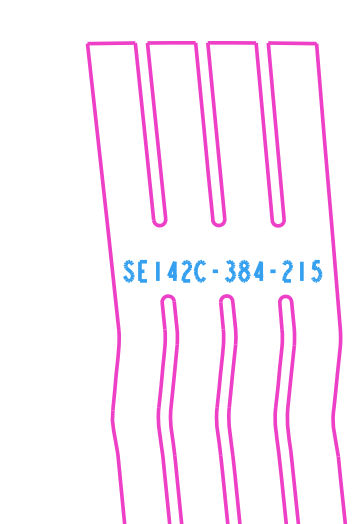
68



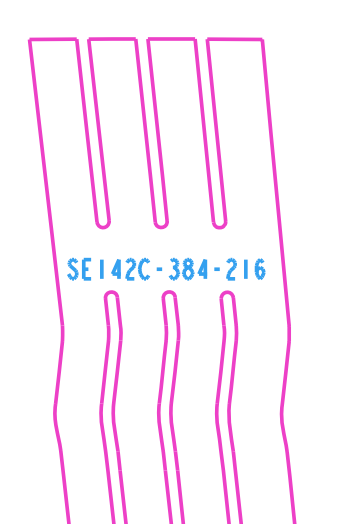
INSTANCE:
SE142C-384_FLAT_193



69



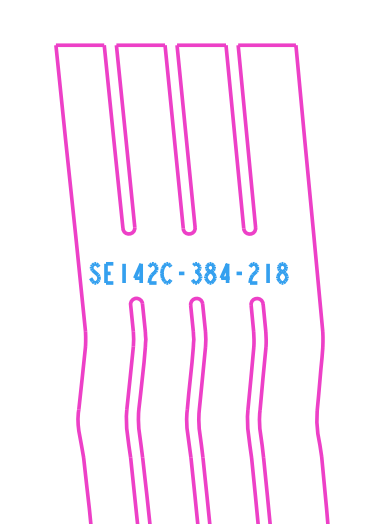
INSTANCE:
SE142C-384_FLAT_194



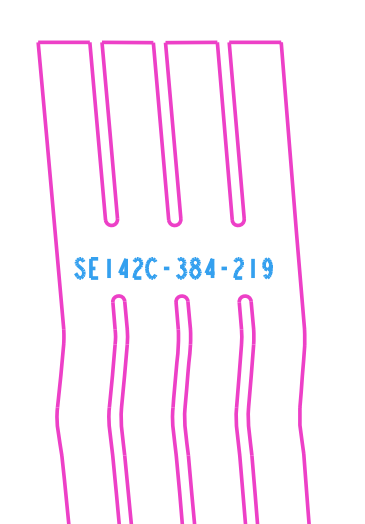
70



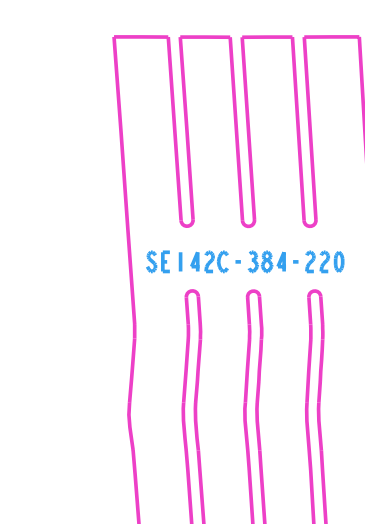
INSTANCE:
SE142C-384_FLAT_195



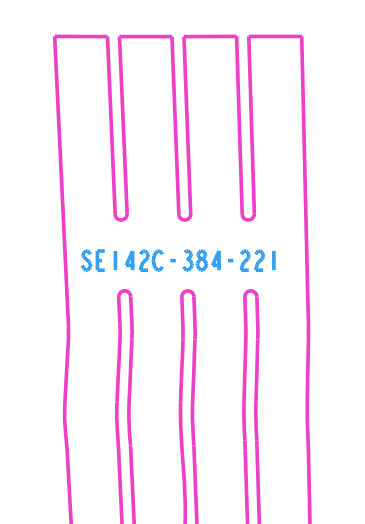
71



INSTANCE:
SE142C-384_FLAT_196



72



INSTANCE:
SE142C-384_FLAT_197

ECN-5140R2 pending. This ECN permits the use of UNS C11000 ETP as acceptable material per RFD-14-021.
(See ECN-5140R2 for details)

SCALE ALL VIEWS: 1.00

**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 MODULAR COIL TYPE - C SIDE - A LOWER CLADDING FLAT PATTERN LAYOUT						
VERSION NO.	PLANT	BLDG	FL	SHT OF	TYPE	CLASS
6	X-10	5700	3	4	S	U
RELEASE LEVEL		REV				
Fabrication		SE142C-384				
		0				

SE142C-384



ECN-5140R2 pending. This ECN permits the use of UNS C11000 ETP as acceptable material per RFD-14-021.
(See ECN-5140R2 for details)

SCALE ALL VIEWS: 1.00

**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 MODULAR COIL TYPE - C SIDE - A LOWER CLADDING FLAT PATTERN LAYOUT						
VERSION NO.	PLANT	BLDG	FL	SHT OF	TYPE	CLASS
6	X-10	5700	3	5	S	U
RELEASE LEVEL		REV				
Fabrication		SE142C-384				
						0

SE142C-384