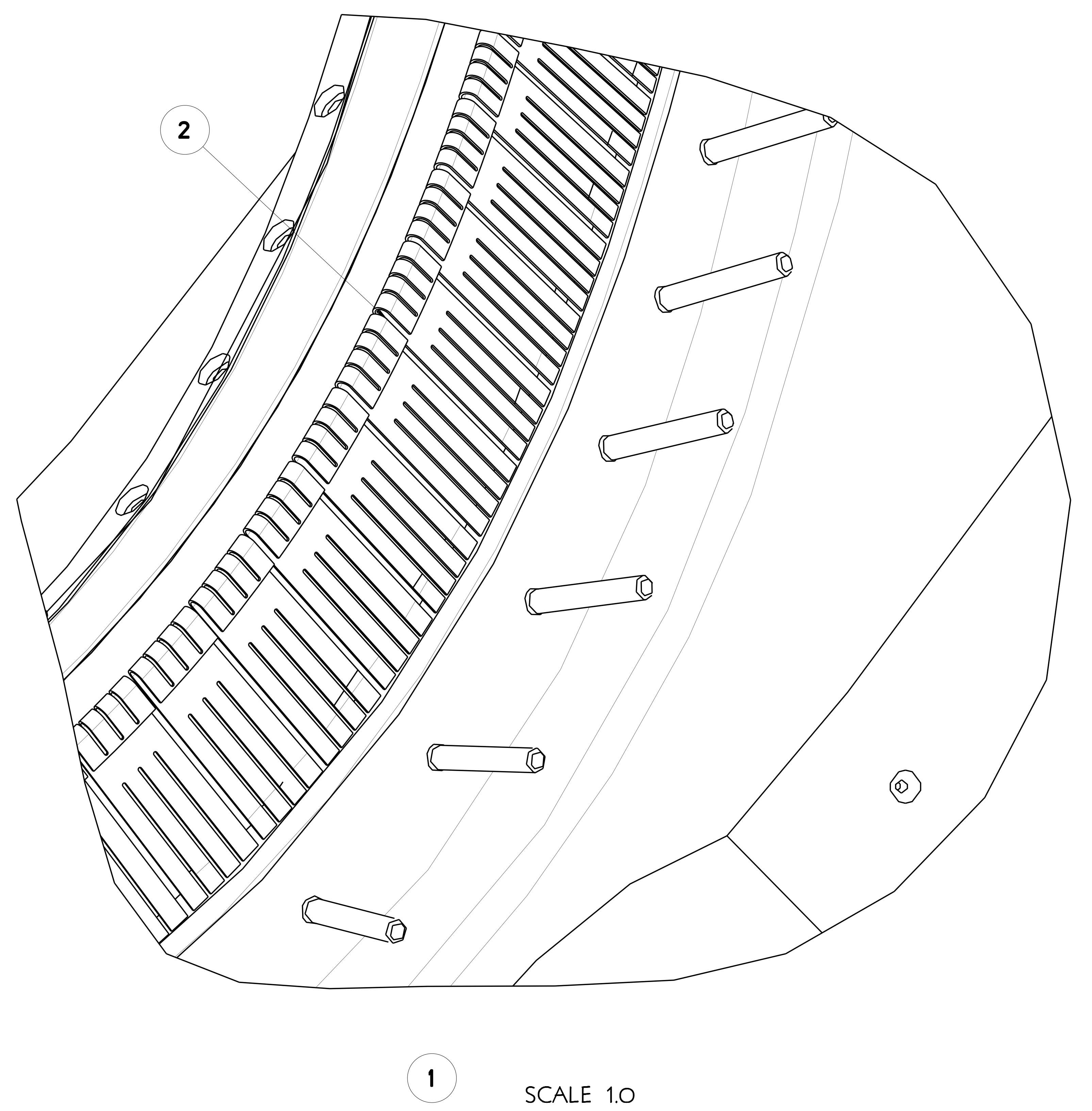


NOTES

- 1. DRAWING PREPARED IN ACCORDANCE WITH ASME Y14.100-2000.
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 SEI42C-388-XXX.PRT.
5. PROFILE TOLERANCE OF FLAT PATTERN IS +/- .010 IN.
6. THICKNESS IS 0.040 +/- .006 IN. PER ASTM B248.
7. REMOVE ALL BURRS AND SHARP EDGES.
8. IDENTIFY ALL PARTS WITH "PART NAME" BY ETCHING OR PERMANENT MARKER.

Table with 8 columns: INSTANCE NAME, HOLE, S-DIM, PART NAME. Lists 48 instances of SEI42C-388 parts, including flat plates and new components.



1 SCALE 1:0

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Table with 6 columns: CAGE CODE, PART OR IDENTIFYING NO, NOMENCLATURE OR DESCRIPTION, MATERIAL, SPECIFICATION, FIND NO. Includes row for CHILL PLATES and COPPER, ANNEALED UNS C10100, 10200.

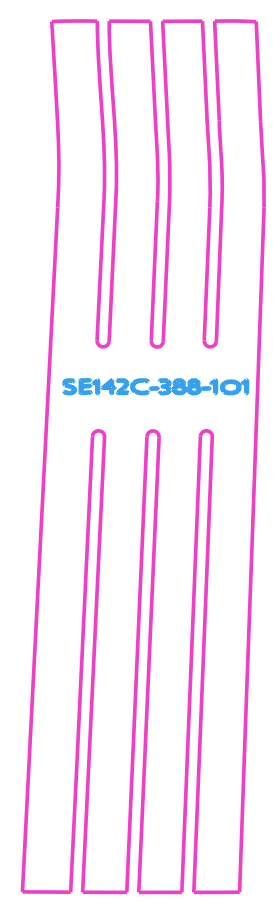
NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, IS MADE AS TO THE ACCURACY, COMPLETENESS OR USEFULNESS OF THE INFORMATION OR STATEMENTS CONTAINED IN THESE DRAWINGS...

THIS DRAWING PRODUCED ON PRO-ENGINEER

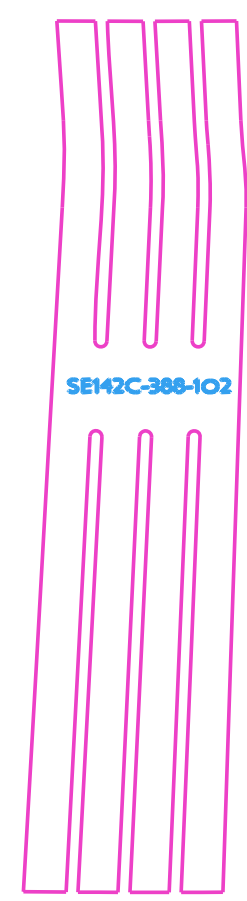
Revision table with columns: REV, DESCRIPTION, BY, DATE, CHK, DEPT, DATE, PE, REG, DATE, DRN, DOE, DATE. Includes revision history for the drawing.

Project information block including SCALE NOTED, DES: T HARGROVE, DRW: RUSHINSKI, CHK: M COLE, and company logo for UT-BATTELLE Oak Ridge National Laboratory.

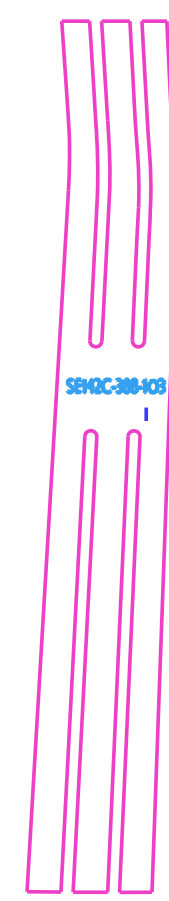
SEI42C-388



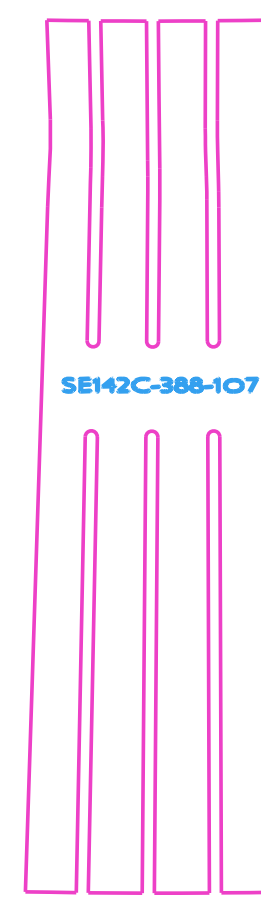
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SE142C-388_FLAT_101



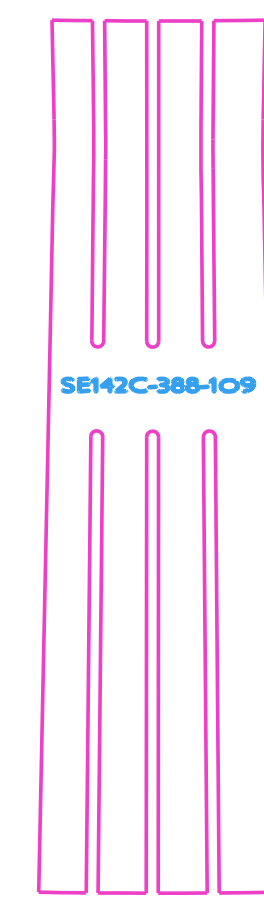
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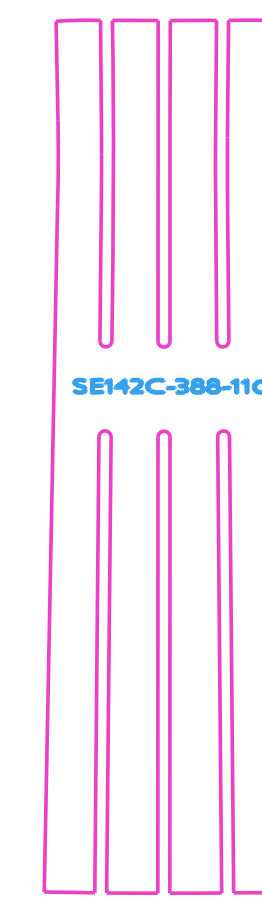
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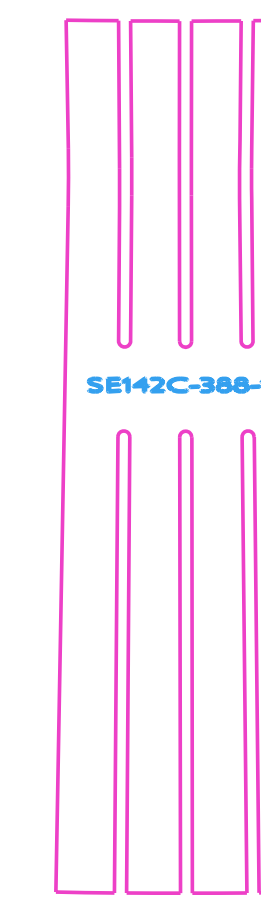
INSTANCE
SE142C-388_FLAT_107-108



INSTANCE
SE142C-388_FLAT_109



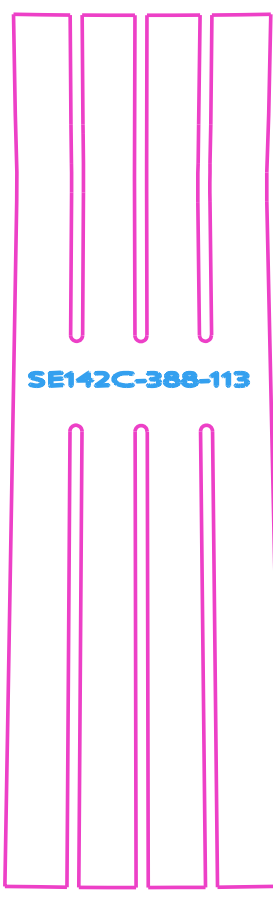
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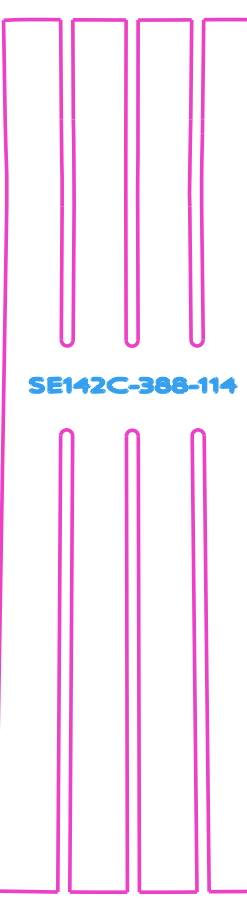
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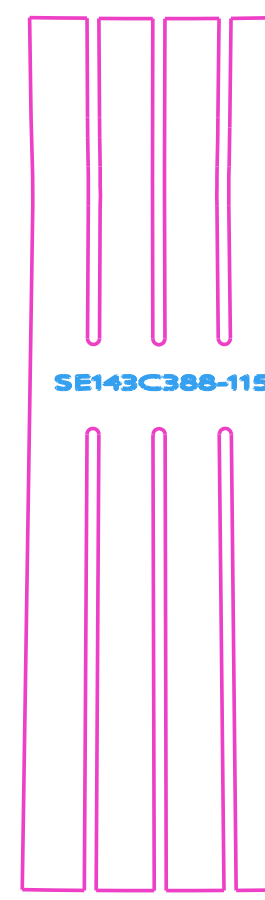
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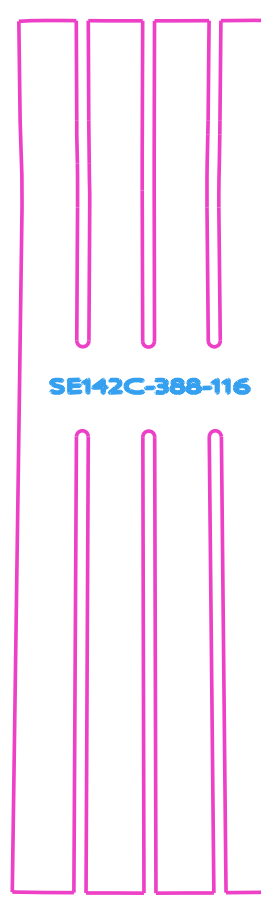
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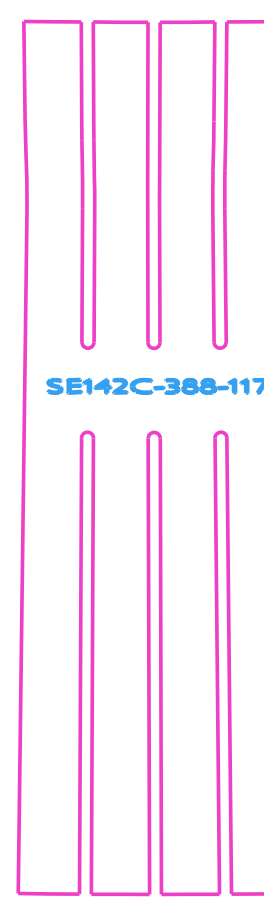
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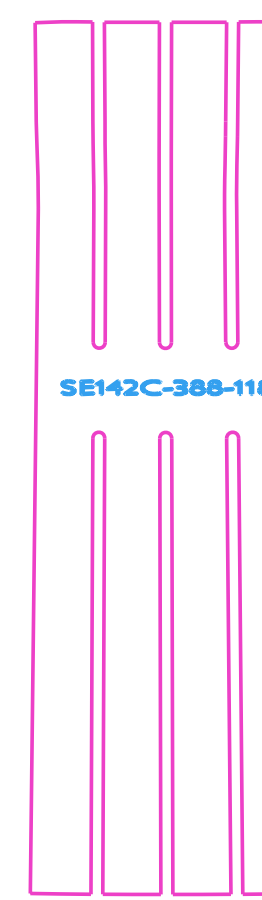
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SE142C-388_FLAT_115



INSTANCE
SE142C-388_FLAT_116



INSTANCE
SE142C-388_FLAT_117



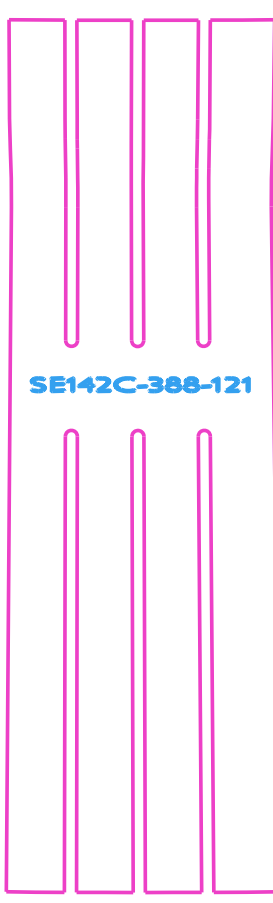
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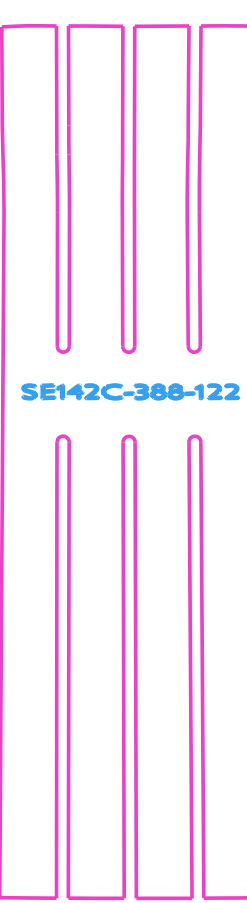
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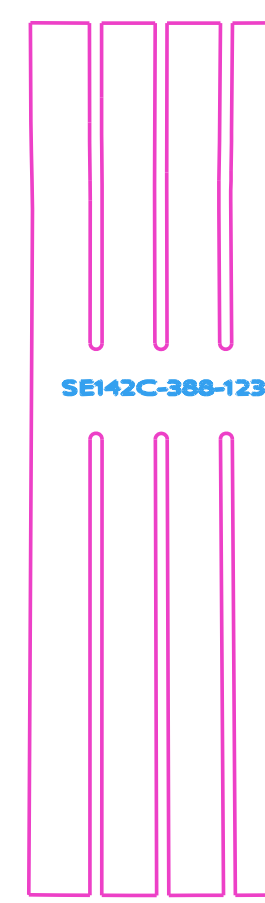
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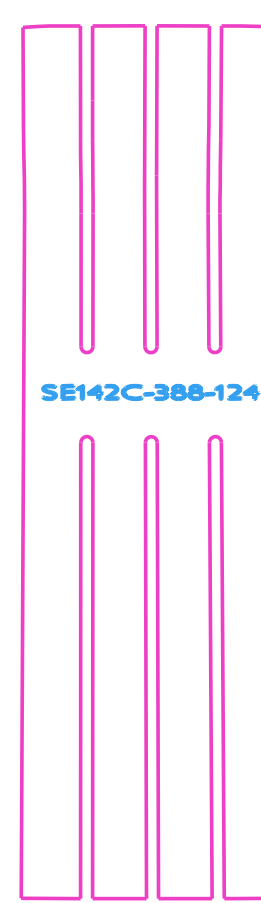
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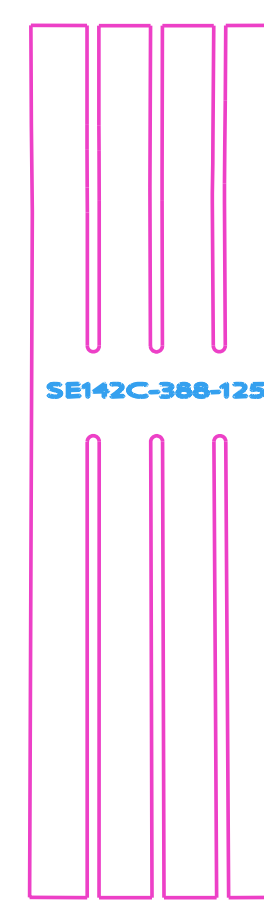
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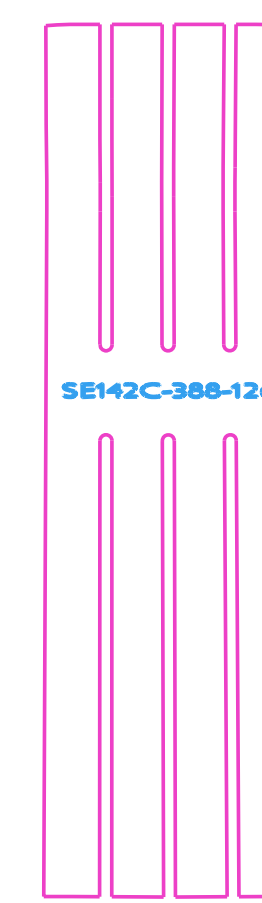
INSTANCE
SE142C-388_FLAT_123



INSTANCE
SE142C-388_FLAT_124



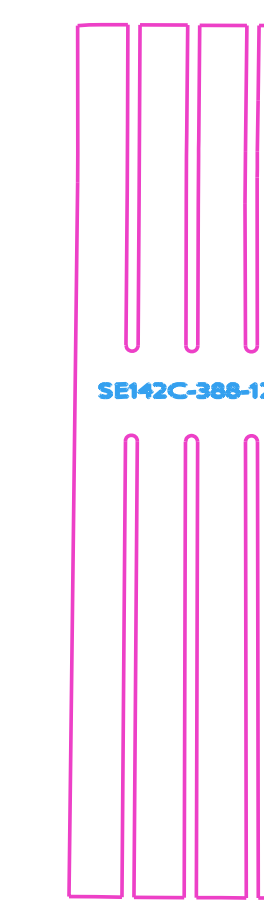
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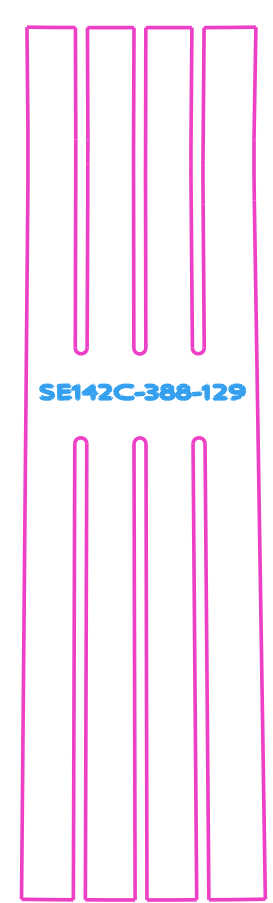
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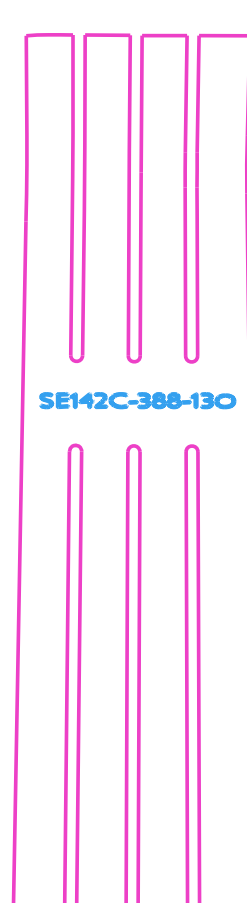
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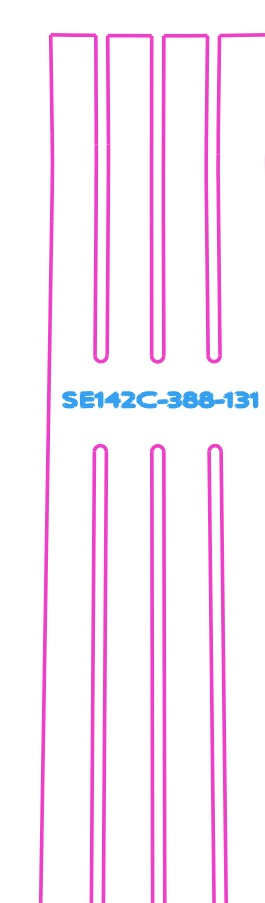
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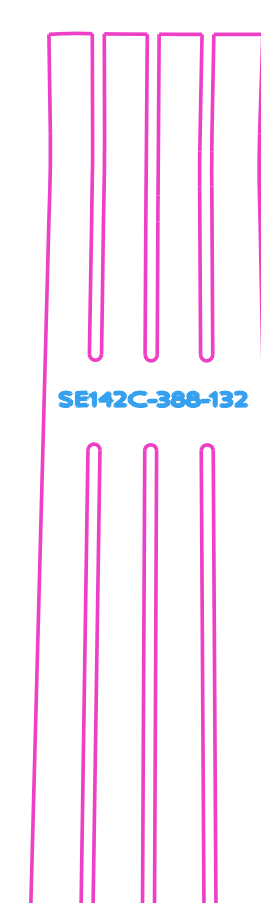
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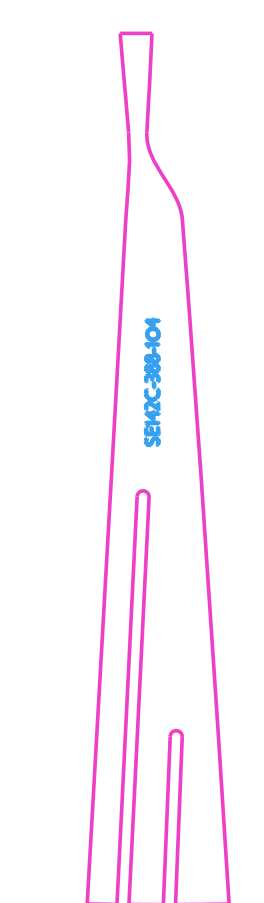
INSTANCE
SE142C-388_FLAT_130



INSTANCE
SE142C-388_FLAT_131



INSTANCE
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INSTANCE
SE142C-388_FLAT_NEW_104



INSTANCE
SE142C-388_FLAT_NEW_106

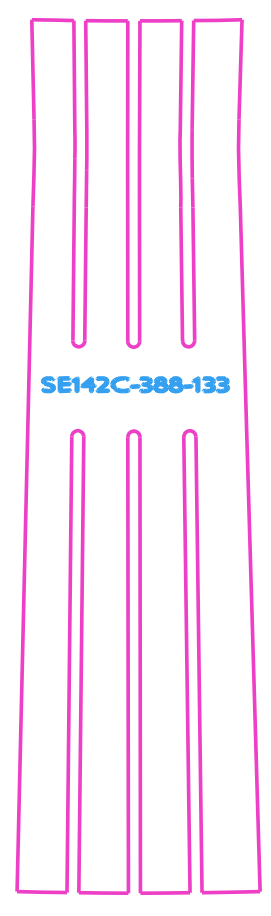


INSTANCE
SE142C-388_FLAT_NEW_107

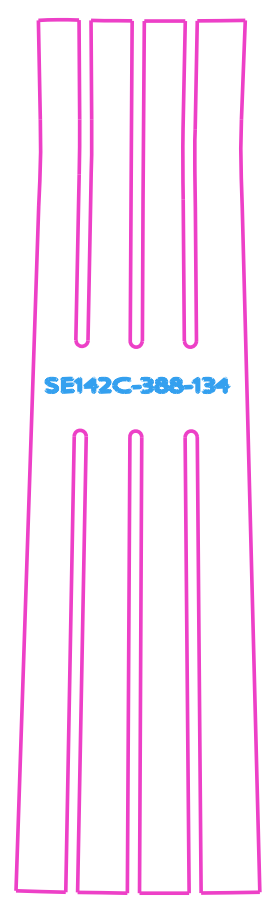
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FABRICATION / INSTALLATION**
 PPPL Drafting:

Oak Ridge National Laboratory managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC05-00OR22725 UT-BATTELLE, LLC, Oak Ridge, Tennessee						
UT-BATTELLE						
NATIONAL COMPACT STELLARATOR EXPERIMENT						
MODULAR COIL TYPE - C SIDE "A" LOWER BOTTOM CHILL PLATE FLAT PATTERN LAYOUT						
VERSION NO.	PLANT	BLDG	FL	SHT OF	TYPE	CLASS
9+	X-10	5700	3	2	7	S U
RELEASE LEVEL		SE142C-388		REV		0
Fabrication						

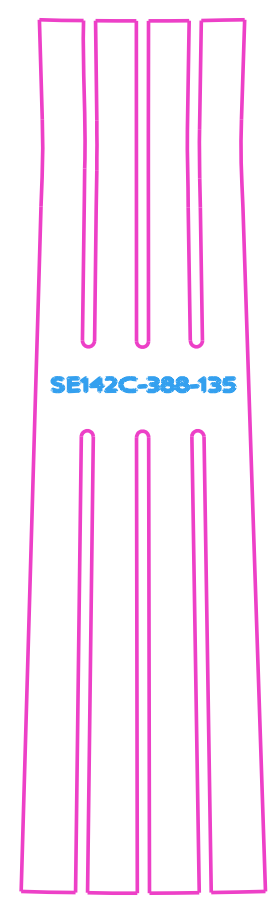
SE142C-388



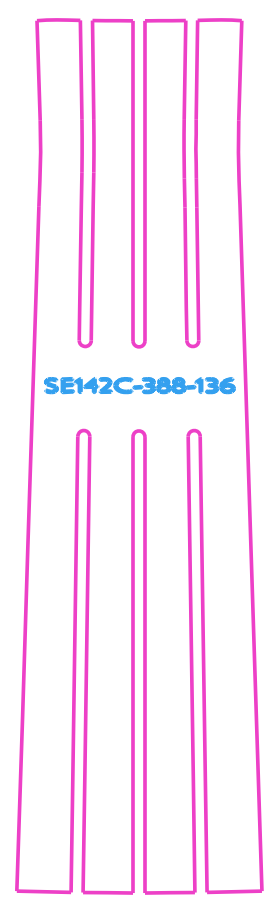
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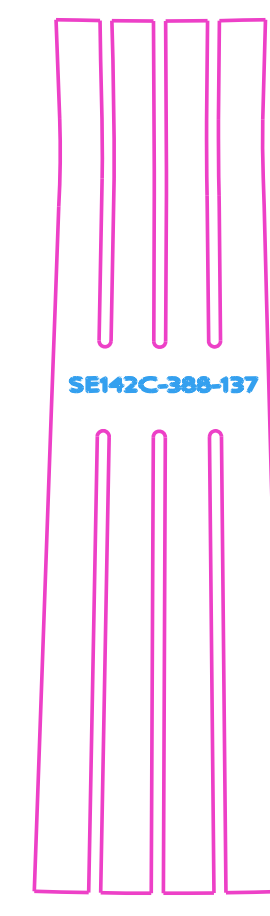
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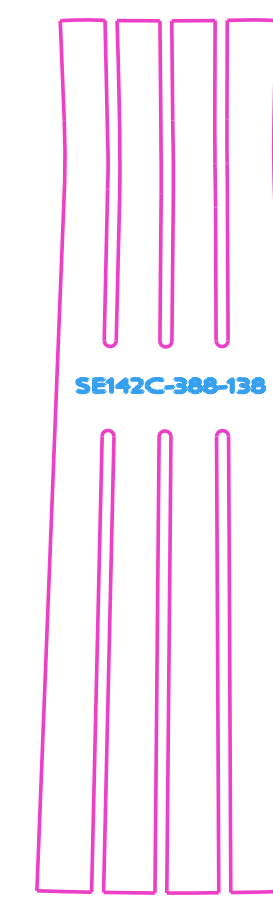
INSTANCE SE142C-388_FLAT_135



INSTANCE SE142C-388_FLAT_136



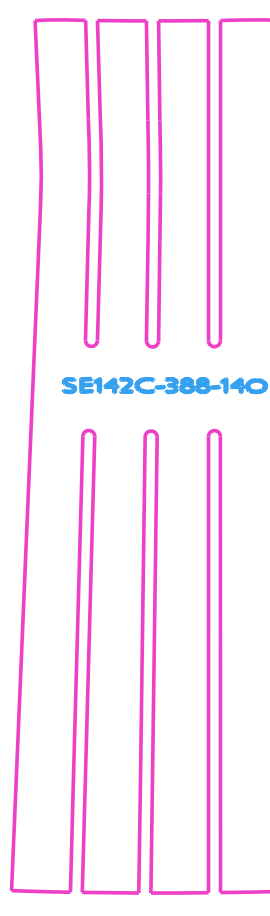
INSTANCE SE142C-388_FLAT_137



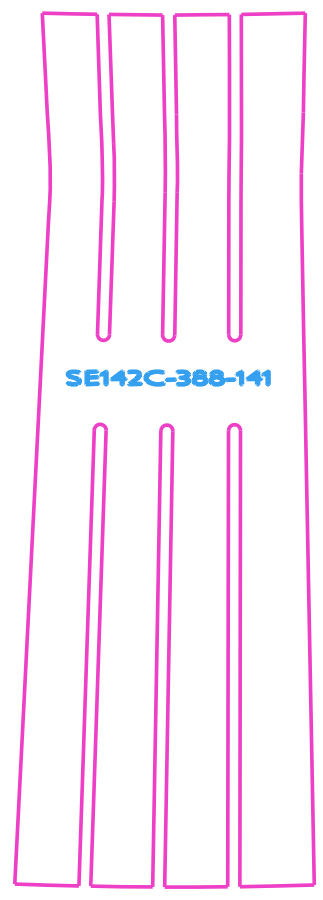
INSTANCE SE142C-388_FLAT_138



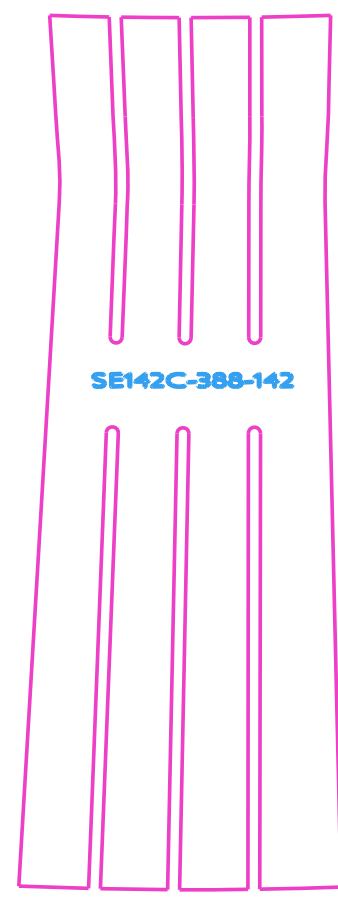
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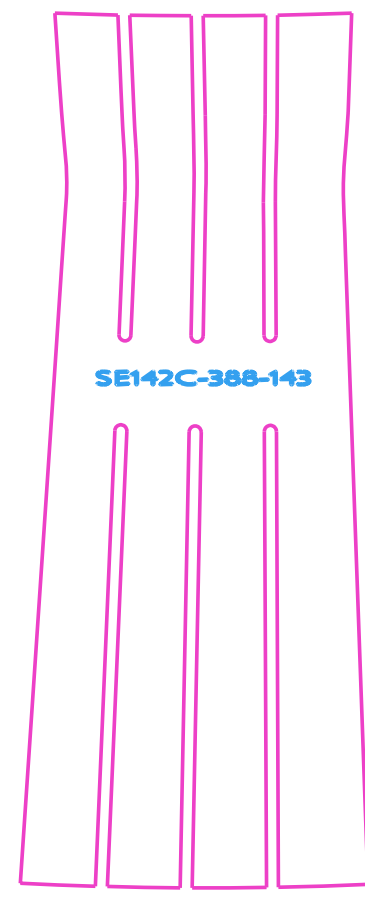
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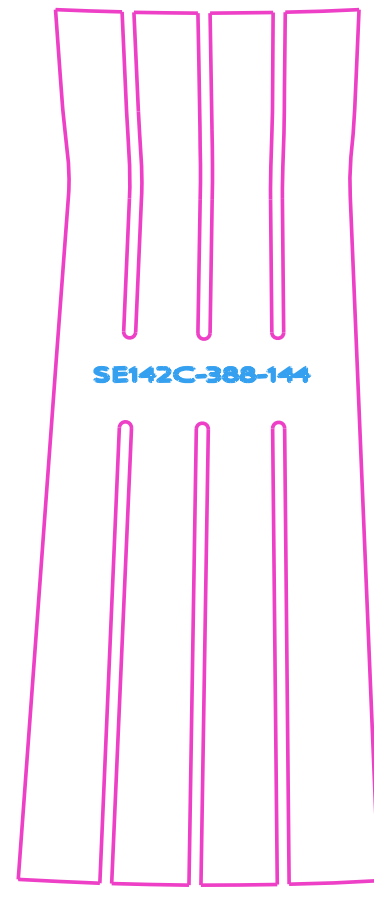
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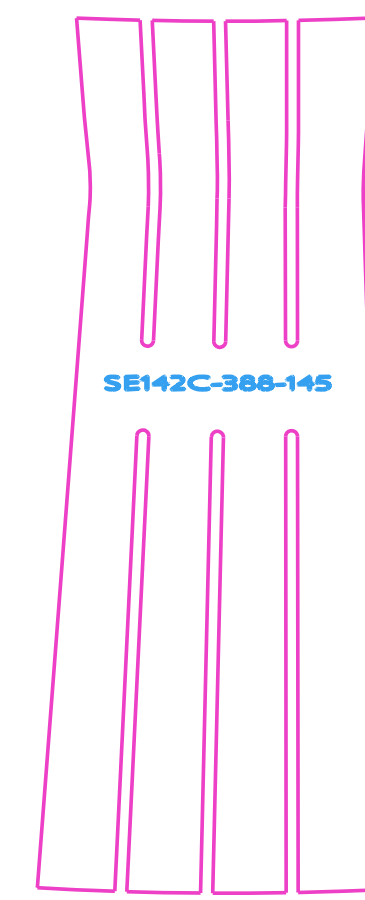
INSTANCE SE142C-388_FLAT_142



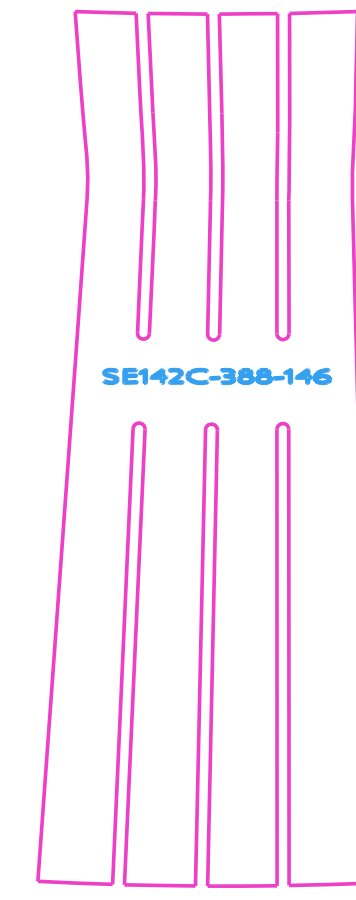
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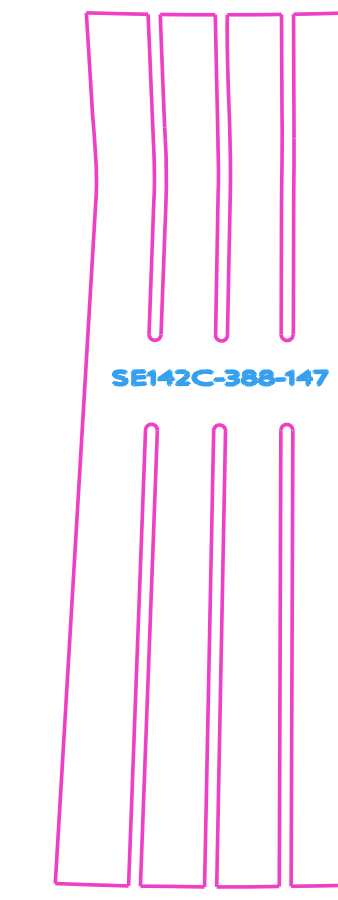
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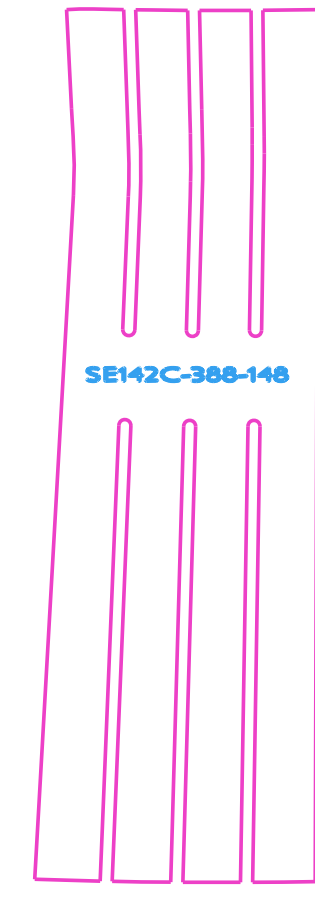
INSTANCE SE142C-388_FLAT_145



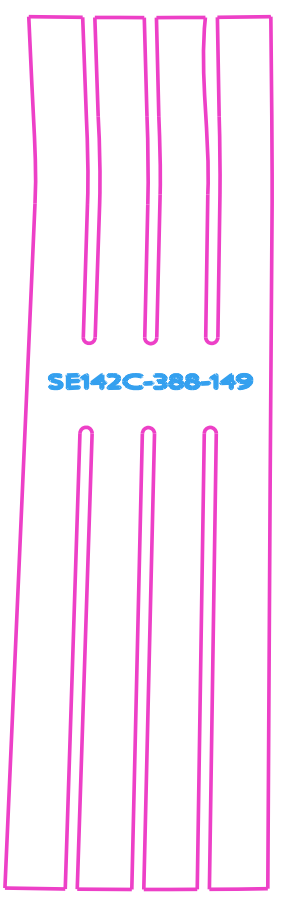
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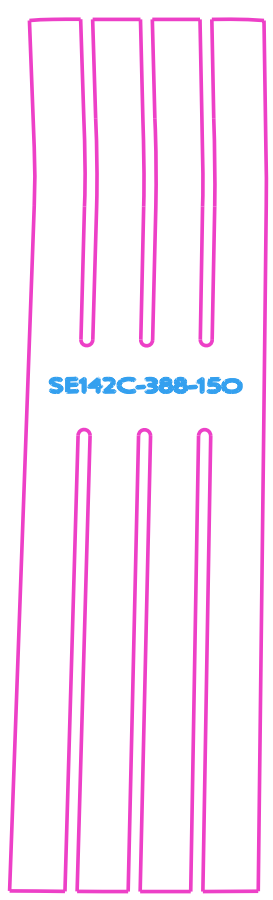
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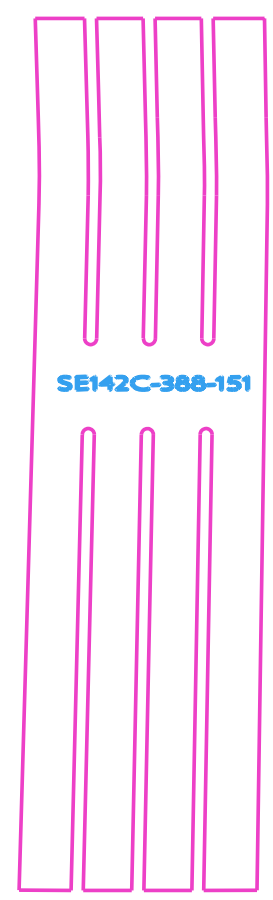
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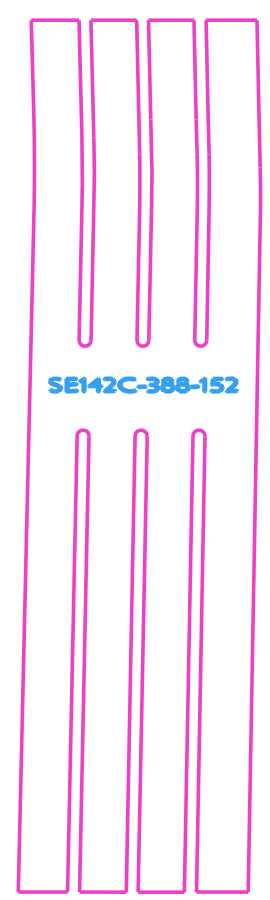
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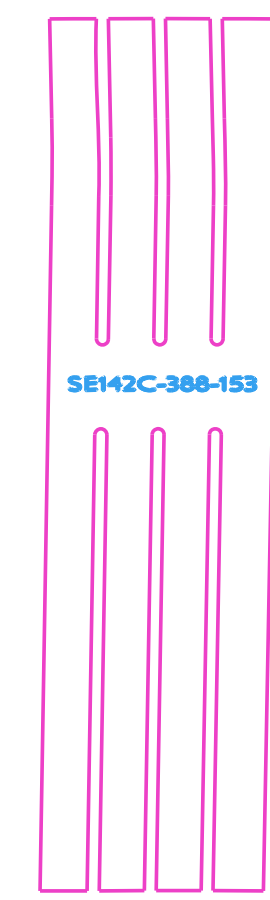
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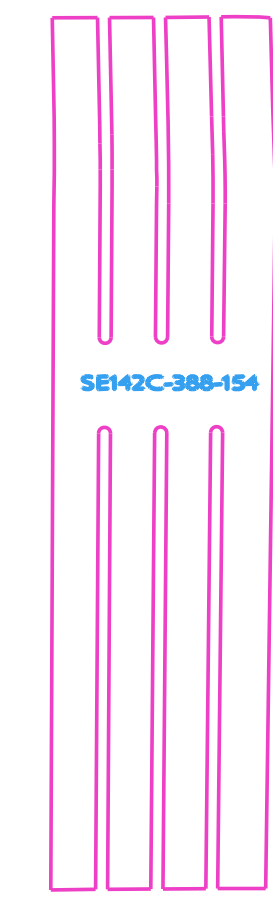
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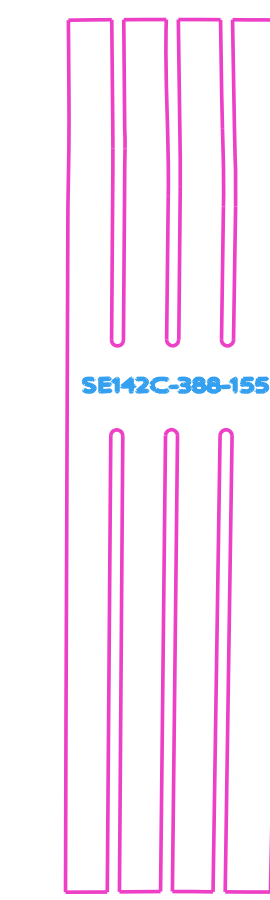
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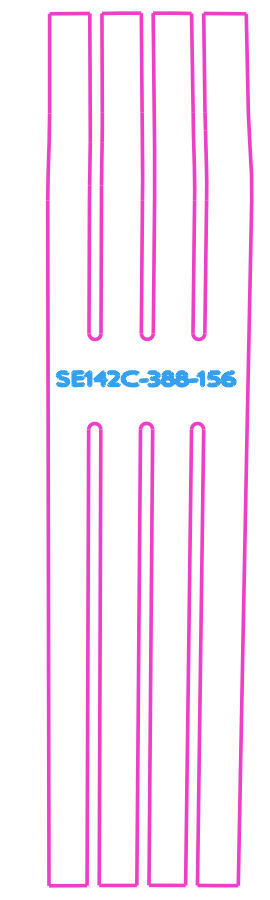
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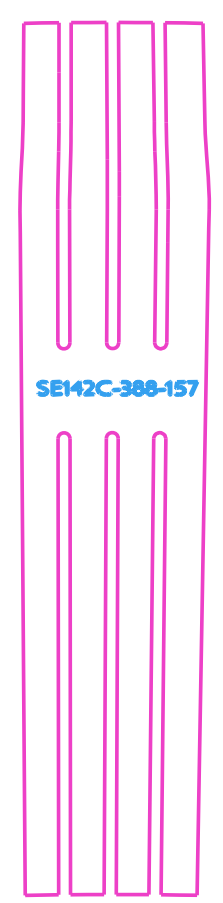
INSTANCE SE142C-388_FLAT_154



INSTANCE SE142C-388_FLAT_155



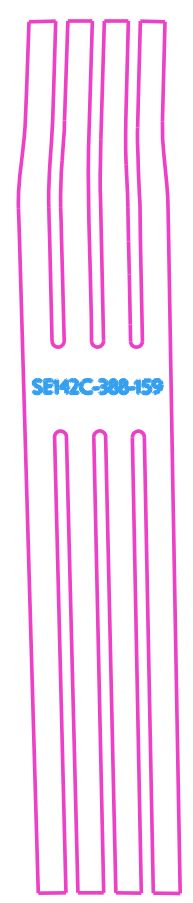
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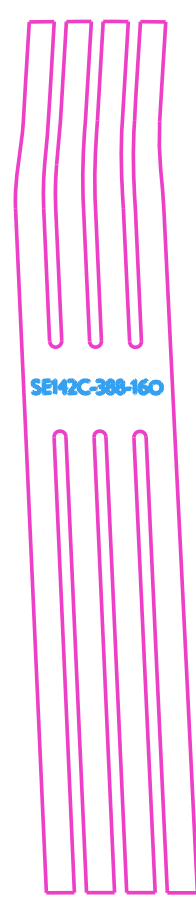
INSTANCE SE142C-388_FLAT_157



INSTANCE SE142C-388_FLAT_158



INSTANCE SE142C-388_FLAT_159



INSTANCE SE142C-388_FLAT_160



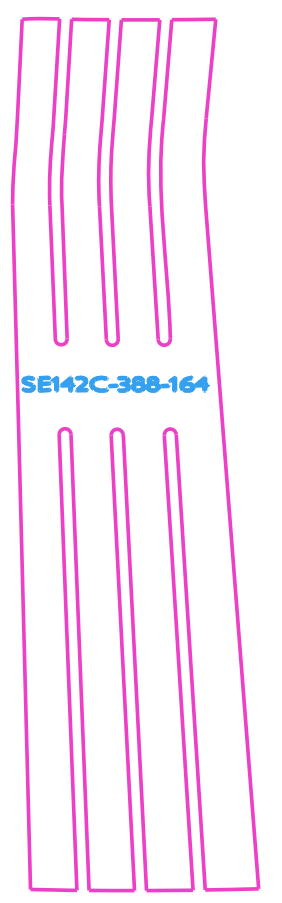
INSTANCE SE142C-388_FLAT_161



INSTANCE SE142C-388_FLAT_162



INSTANCE SE142C-388_FLAT_163

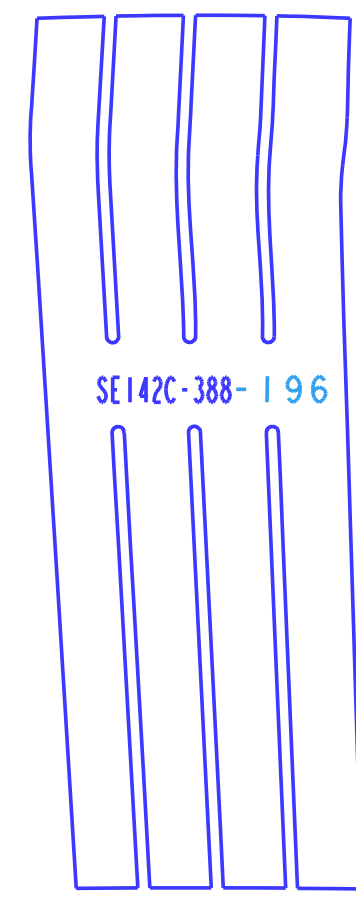


INSTANCE SE142C-388_FLAT_164

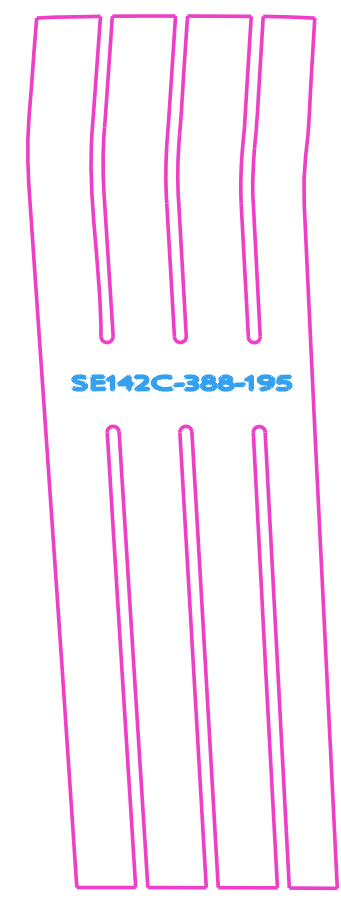
RELEASED FOR FABRICATION / INSTALLATION
PPPL Drafting:

Oak Ridge National Laboratory managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC05-00OR22725 UT-BATTELLE, LLC, Oak Ridge, Tennessee						
UT-BATTELLE NATIONAL COMPACT STELLARATOR EXPERIMENT MODULAR COIL TYPE - C SIDE "A" LOWER BOTTOM CHILL PLATE FLAT PATTERN LAYOUT						
VERSION NO.	PLANT	BLDG	FL	SHT OF	TYPE	CLASS
1	X-10	5700	3	37	S	U
RELEASE LEVEL		SE142C-388		REV		
Fabrication				0		

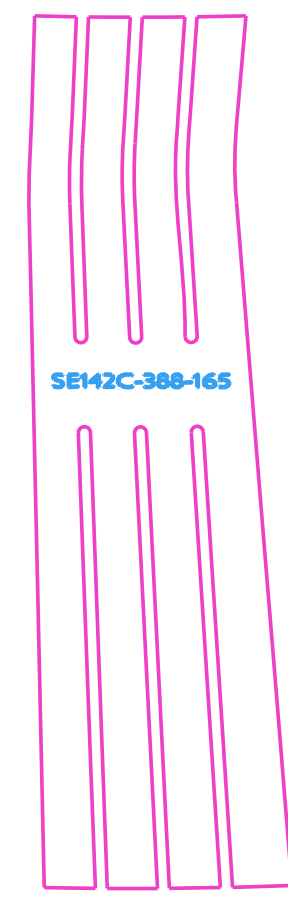
SE142C-388



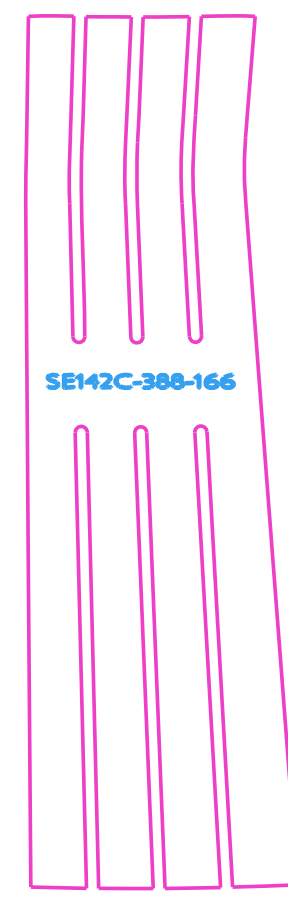
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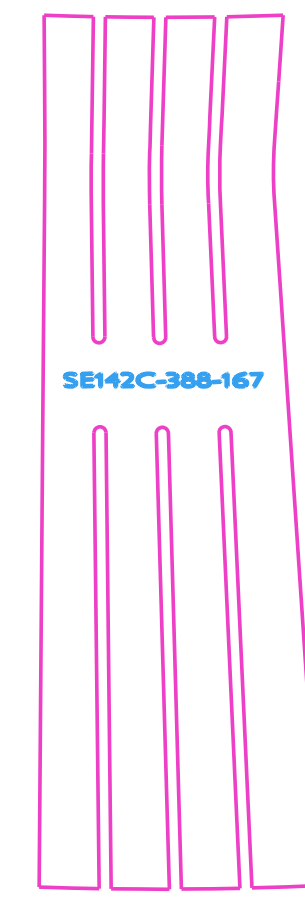
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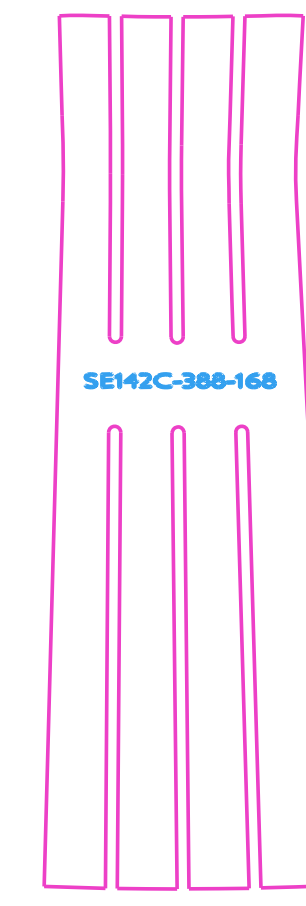
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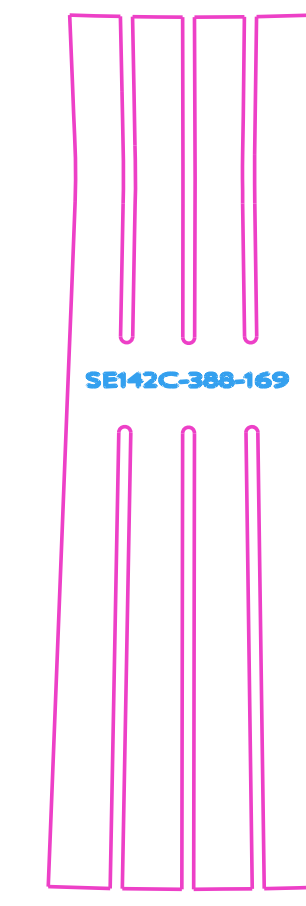
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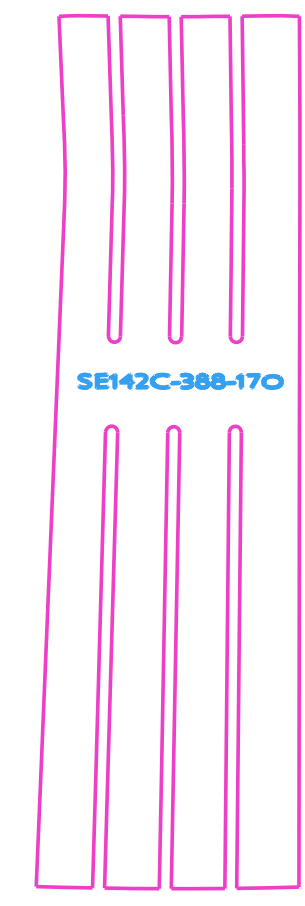
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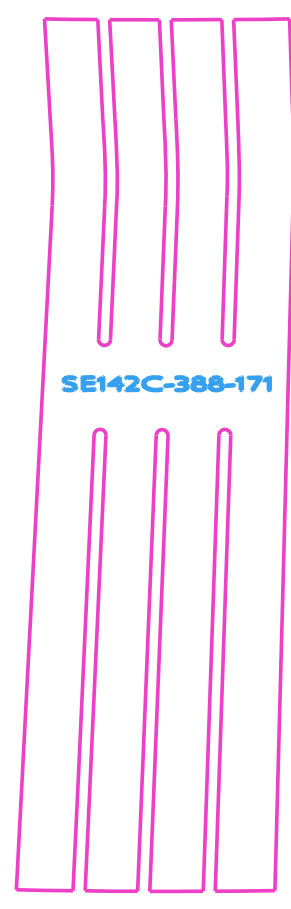
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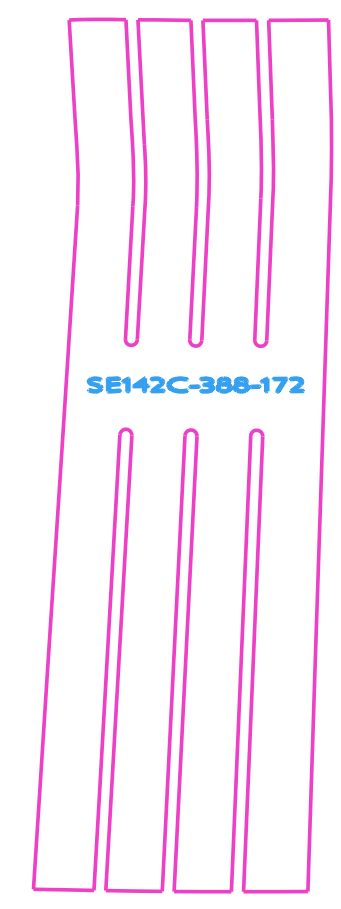
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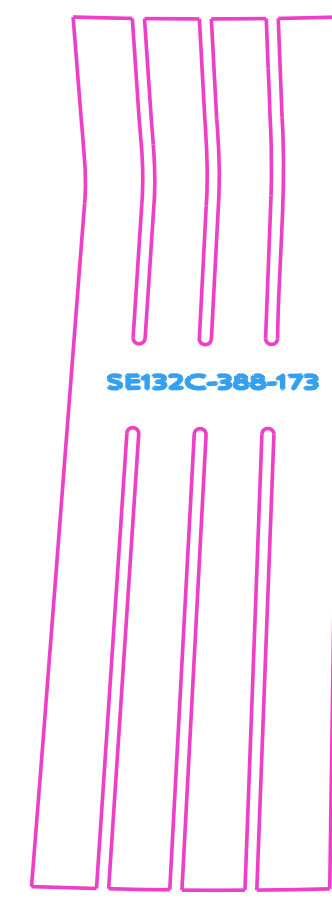
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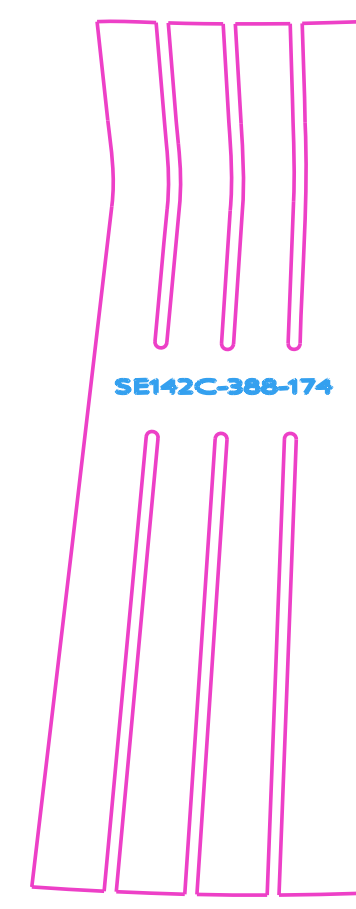
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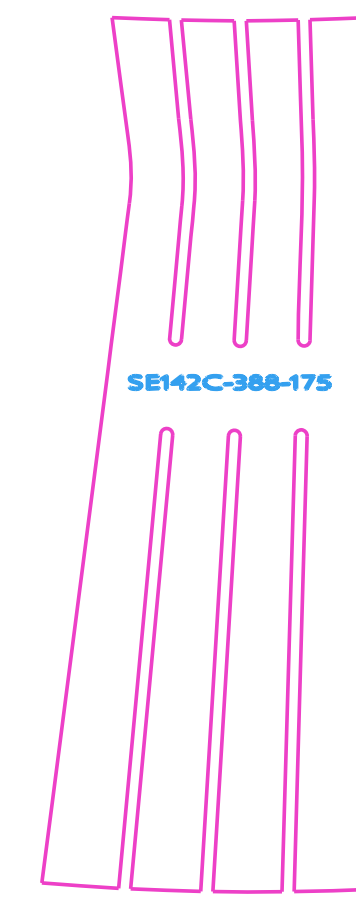
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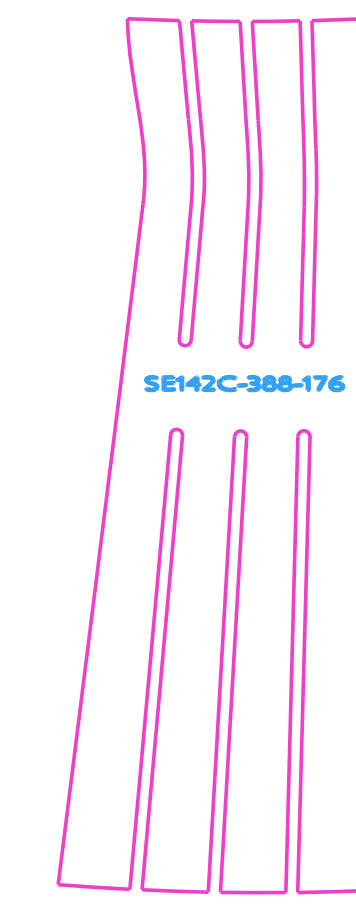
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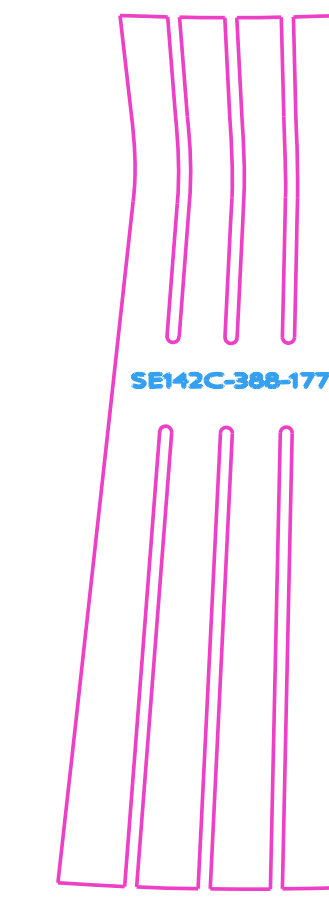
INSTANCE SE142C-388_FLAT_174



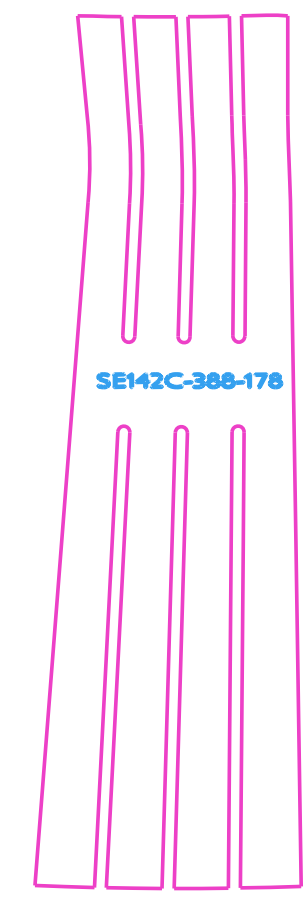
INSTANCE SE142C-388_FLAT_175



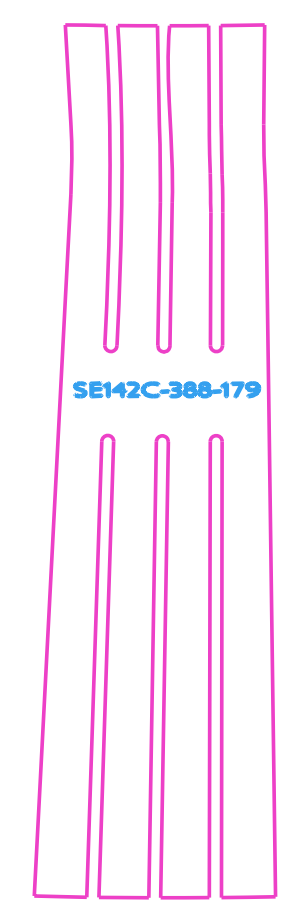
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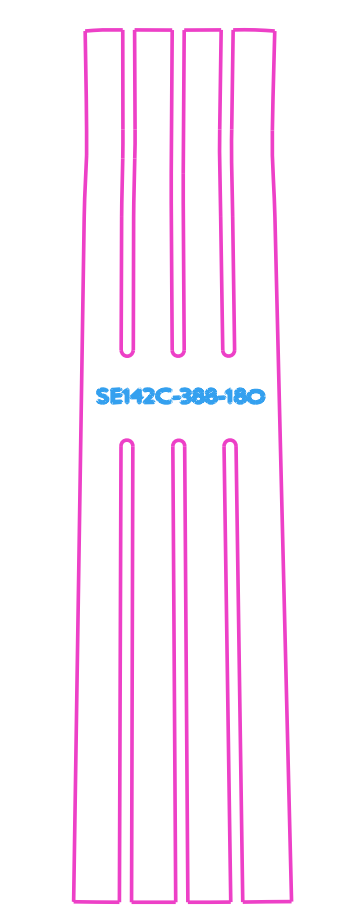
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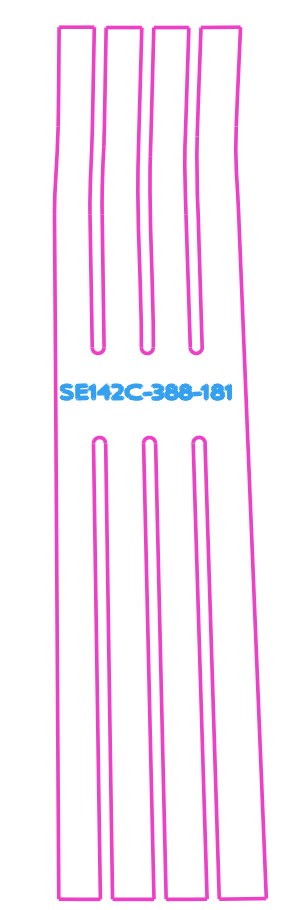
INSTANCE SE142C-388_FLAT_178



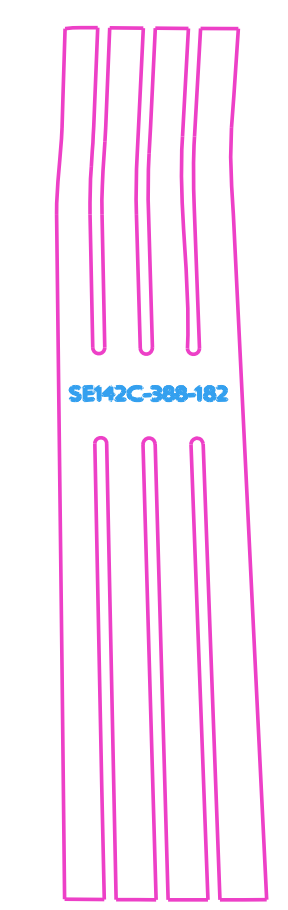
INSTANCE SE142C-388_FLAT_179



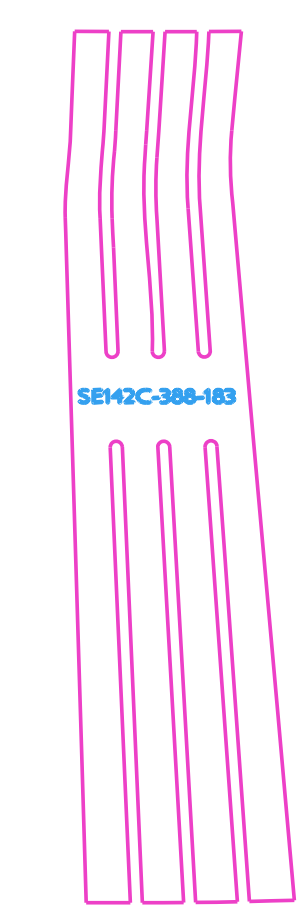
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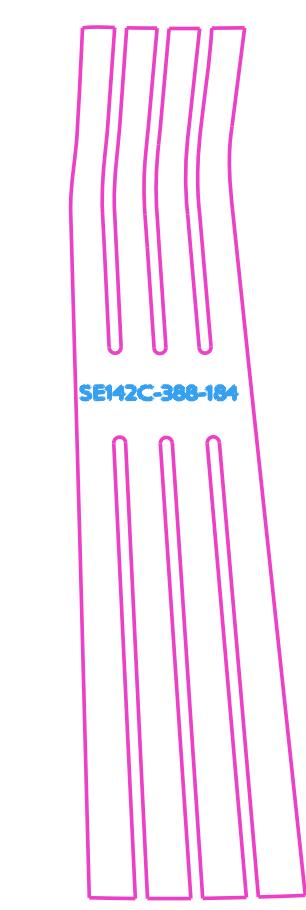
INSTANCE SE142C-388_FLAT_181



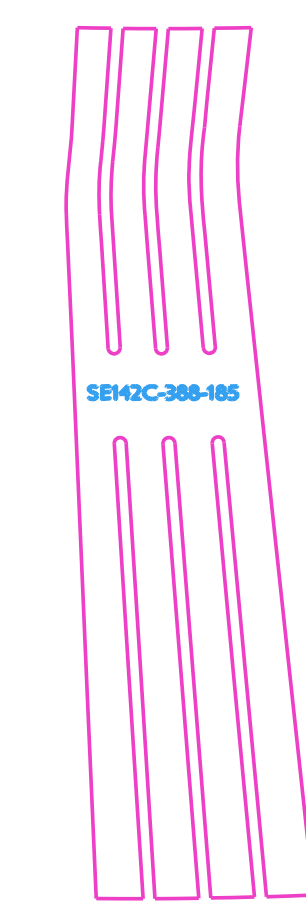
INSTANCE SE142C-388_FLAT_182



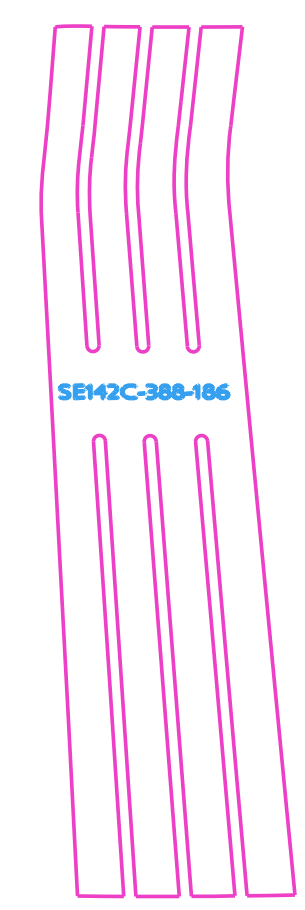
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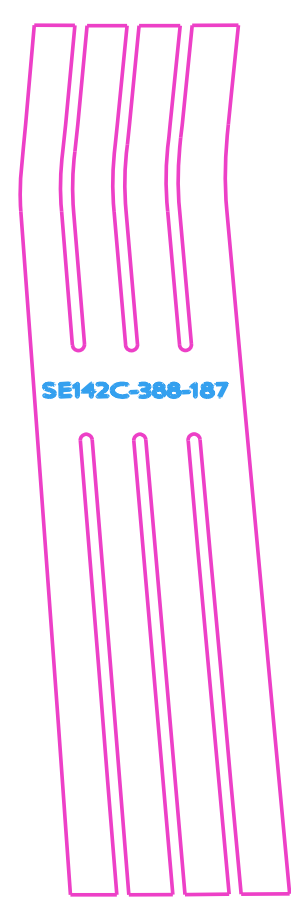
INSTANCE SE142C-388_FLAT_184



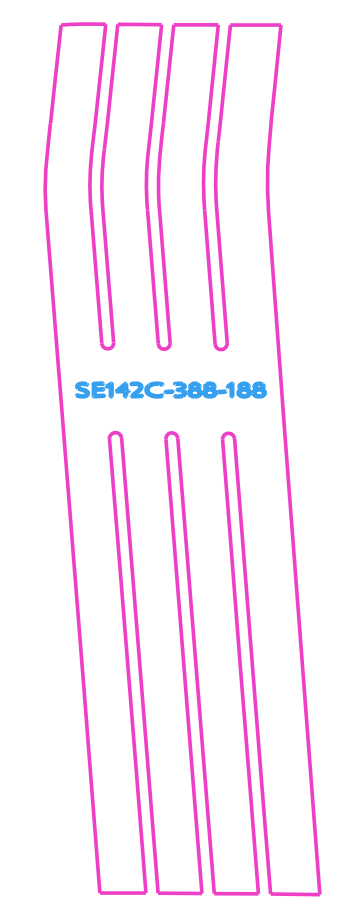
INSTANCE SE142C-388_FLAT_185



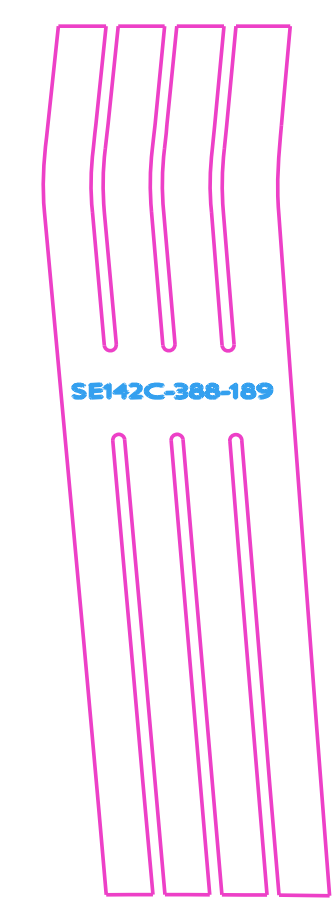
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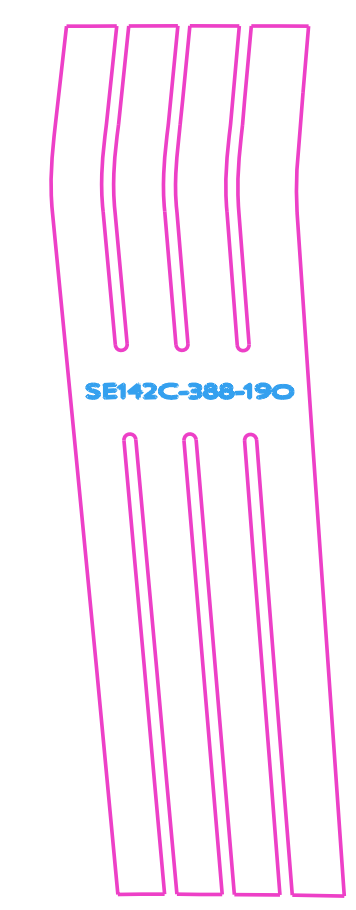
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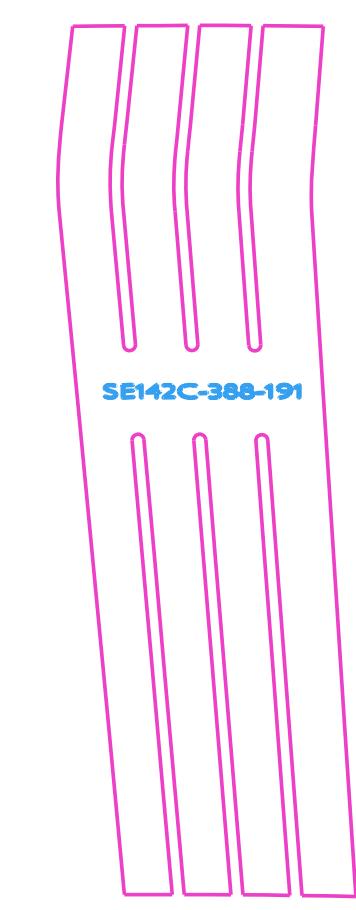
INSTANCE SE142C-388_FLAT_188



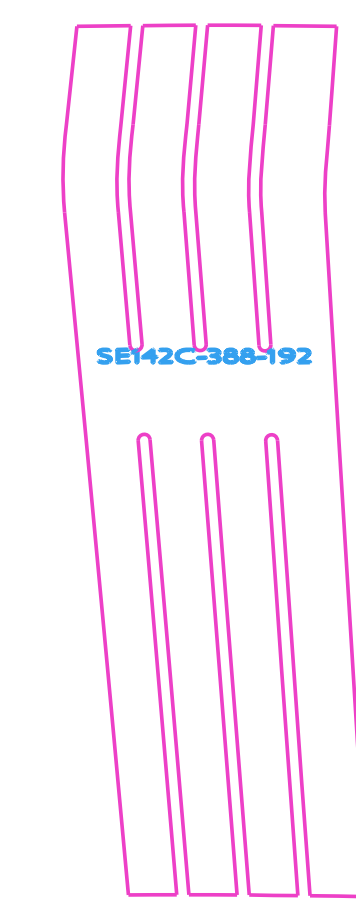
INSTANCE SE142C-388_FLAT_189



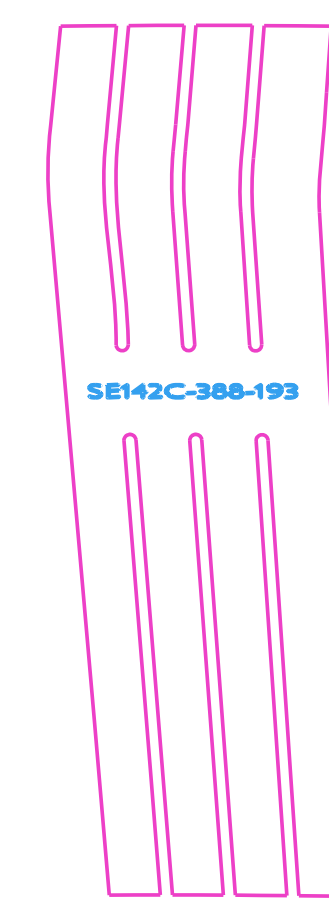
INSTANCE SE142C-388_FLAT_190



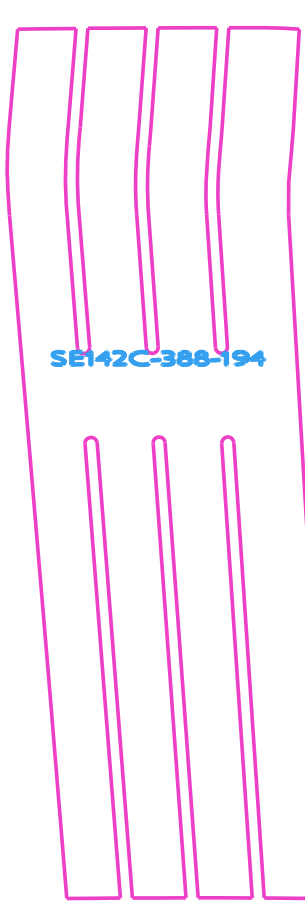
INSTANCE SE142C-388_FLAT_191



INSTANCE SE142C-388_FLAT_192



INSTANCE SE142C-388_FLAT_193

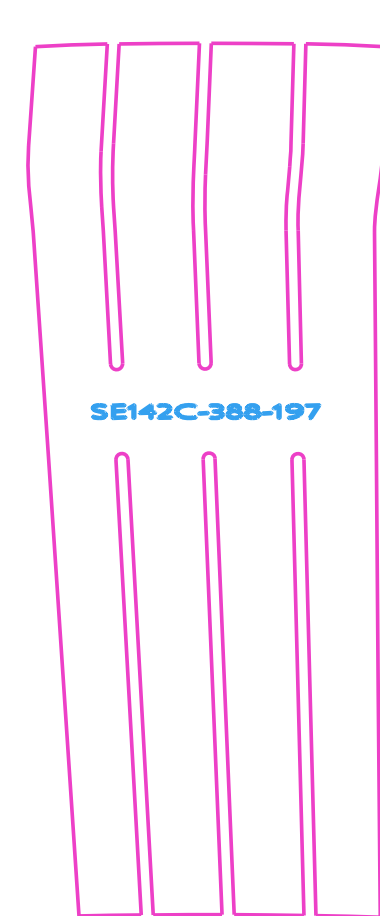


INSTANCE SE142C-388_FLAT_194

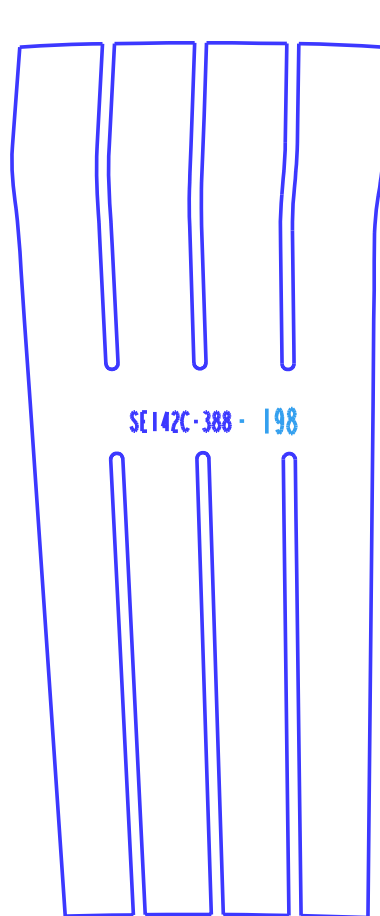
RELEASED FOR FABRICATION / INSTALLATION
PPPL Drafting:

Oak Ridge National Laboratory managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT CONTRACT DE-AC05-00OR22725 UT-BATTELLE, LLC, Oak Ridge, Tennessee							
UT-BATTELLE NATIONAL COMPACT STELLARATOR EXPERIMENT MODULAR COIL TYPE - C SIDE "A" LOWER BOTTOM CHILL PLATE FLAT PATTERN LAYOUT							
VERSION NO.	PLANT	BLDG	FL	SHT OF	TYPE	CLASS	
1	X-10	5700	3	4	7	S	U
RELEASE LEVEL		SE142C-388		REV		0	
Fabrication							

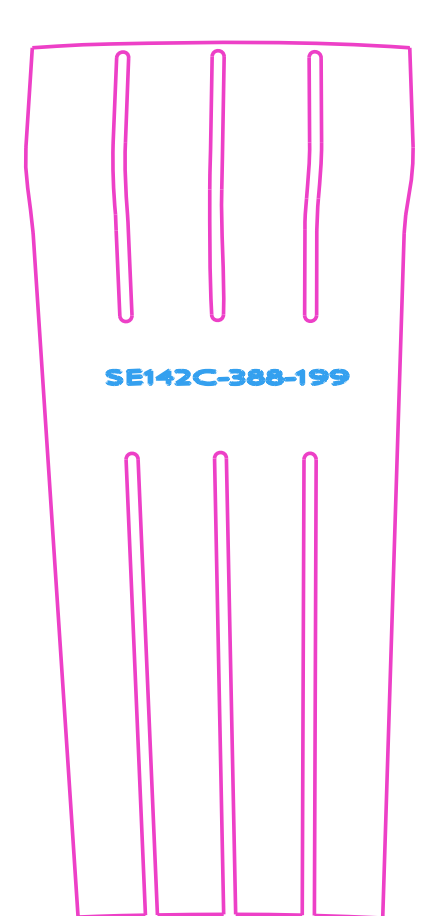
SE142C-388



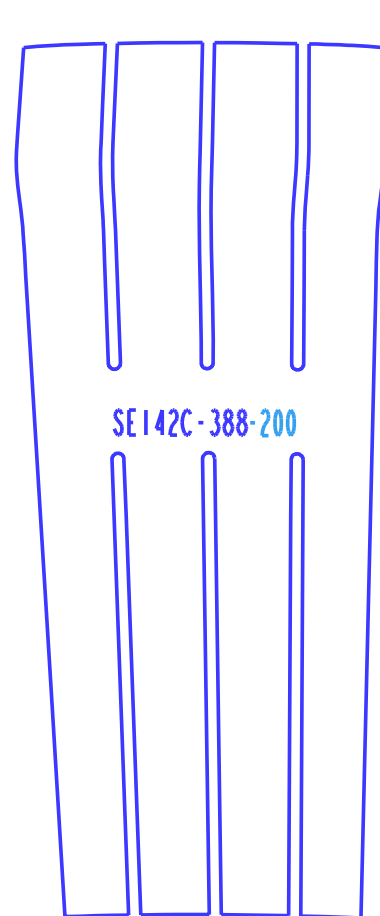
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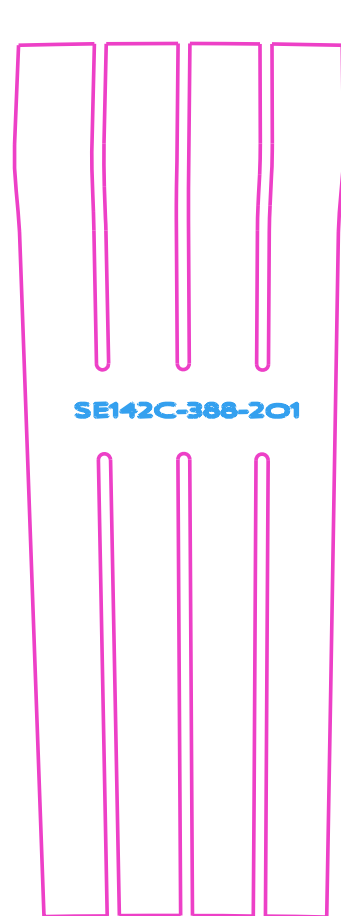
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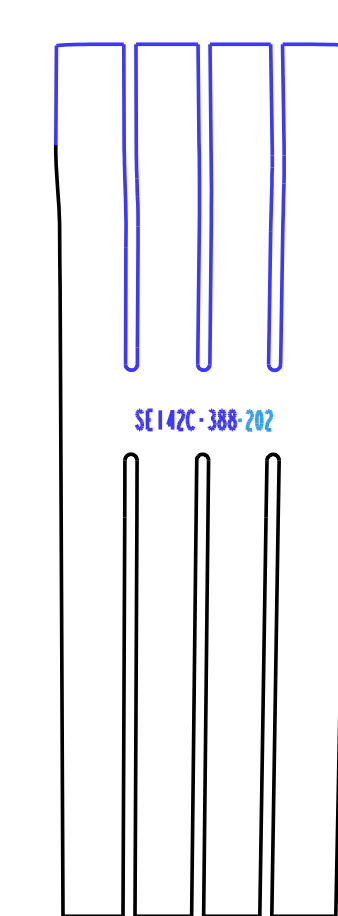
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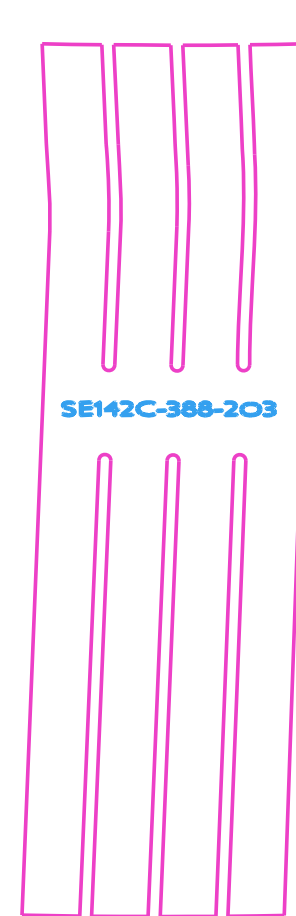
INSTANCE SE142C-388_FLAT_198



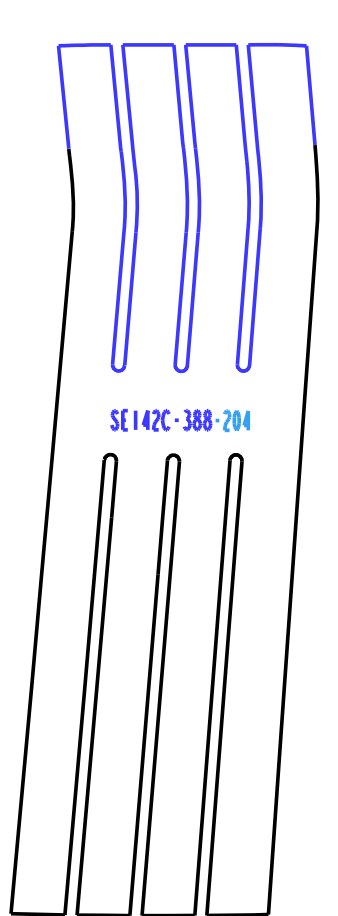
INSTANCE SE142C-388_FLAT_201



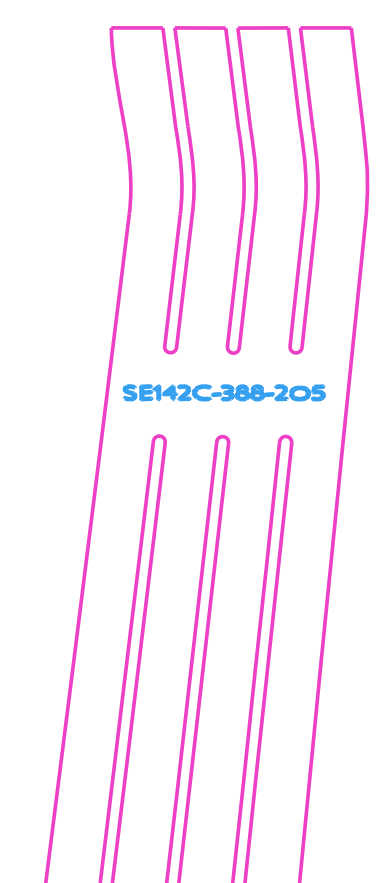
INSTANCE SE142C-388_FLAT_202



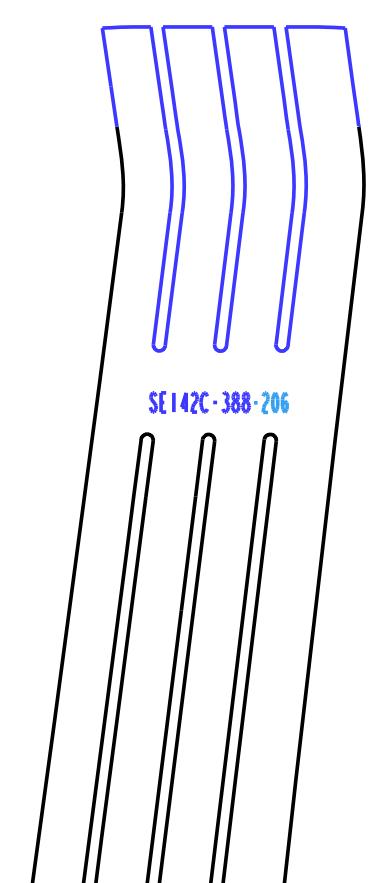
INSTANCE SE142C-388_FLAT_203



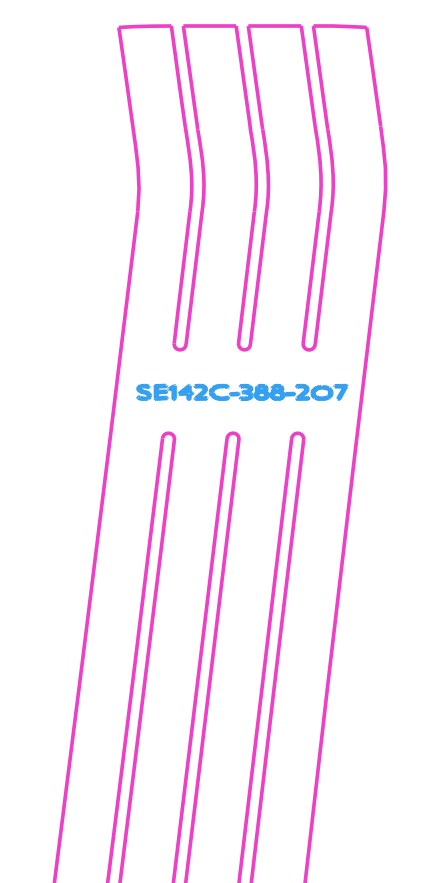
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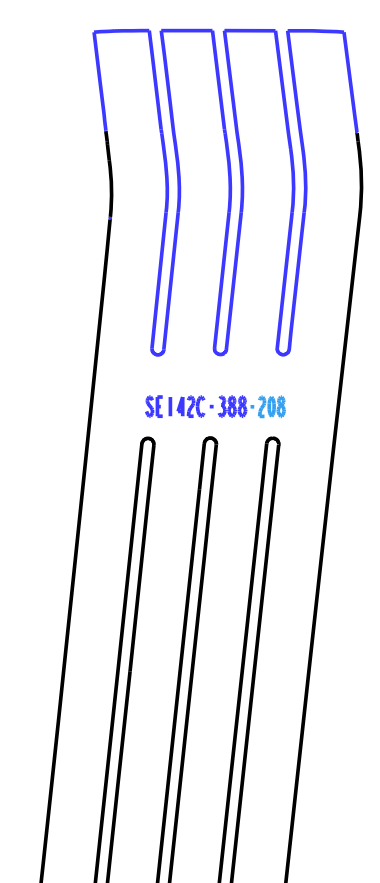
INSTANCE SE142C-388_FLAT_205



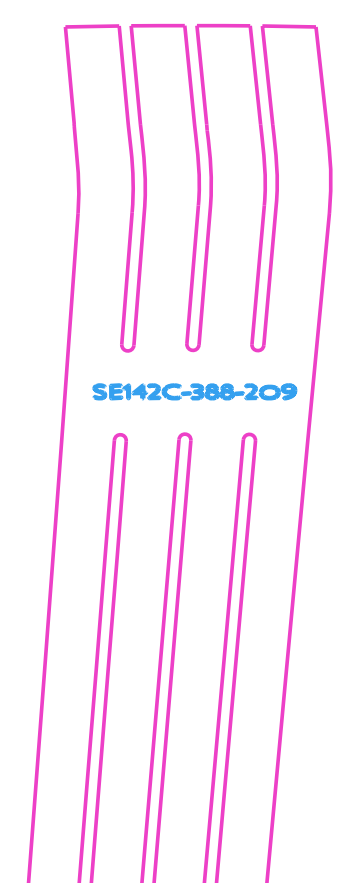
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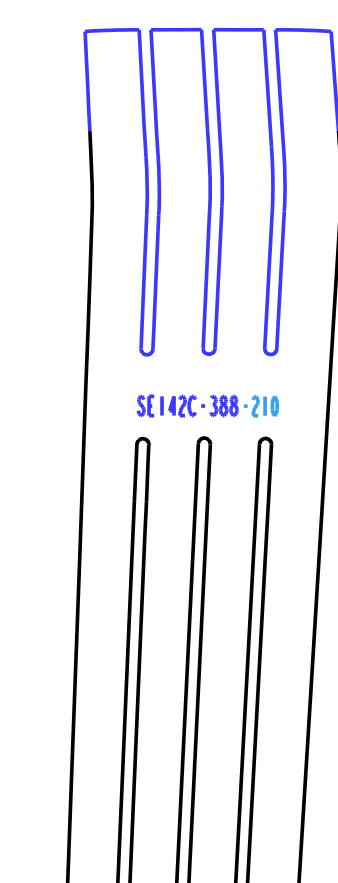
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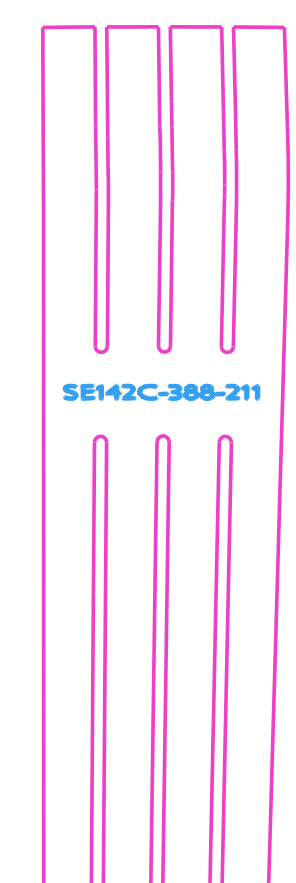
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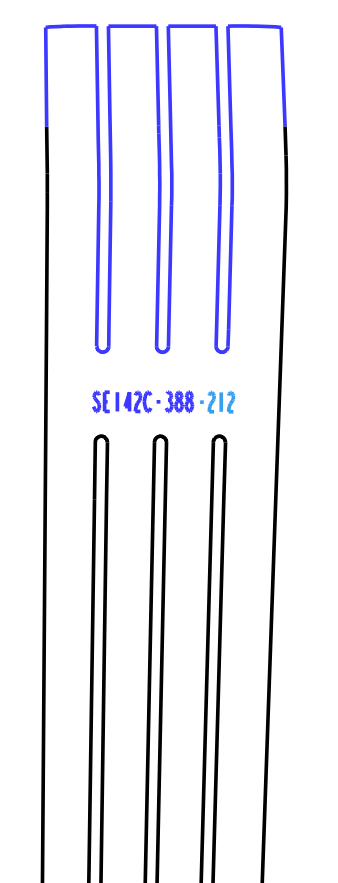
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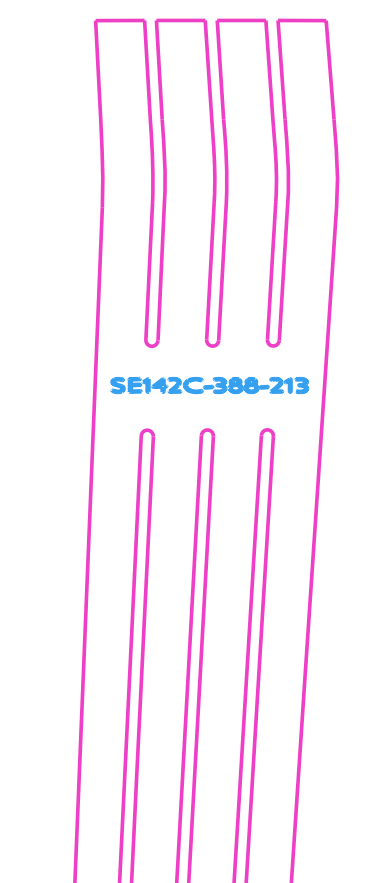
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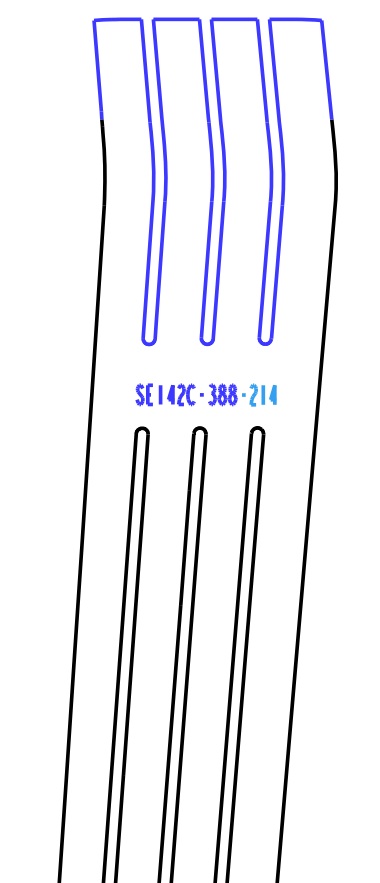
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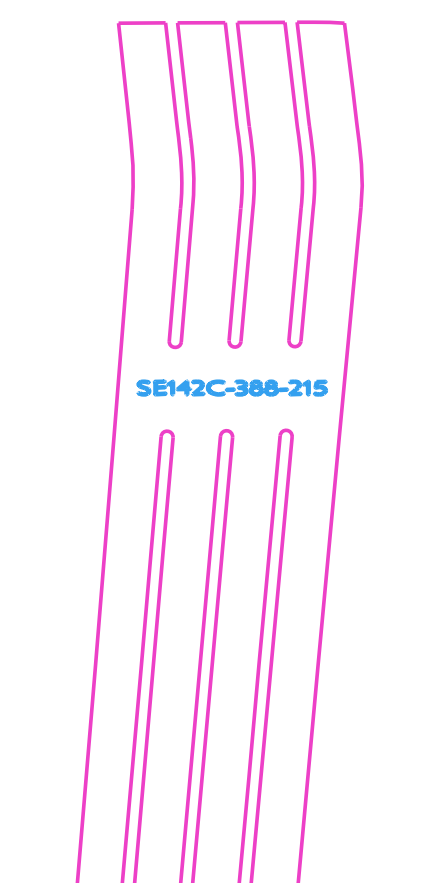
INSTANCE SE142C-388_FLAT_212



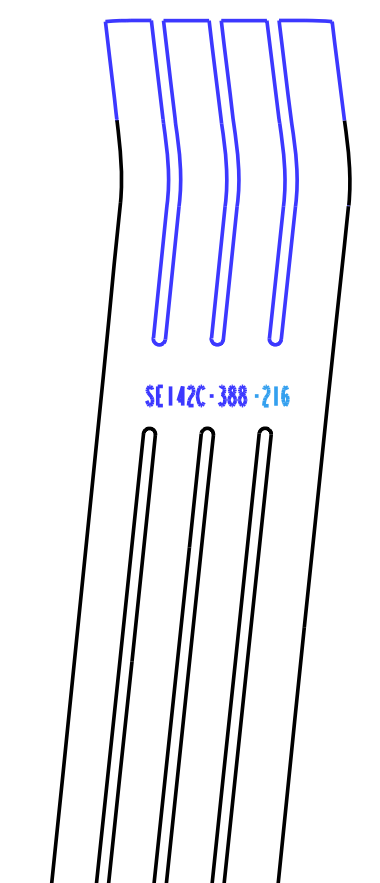
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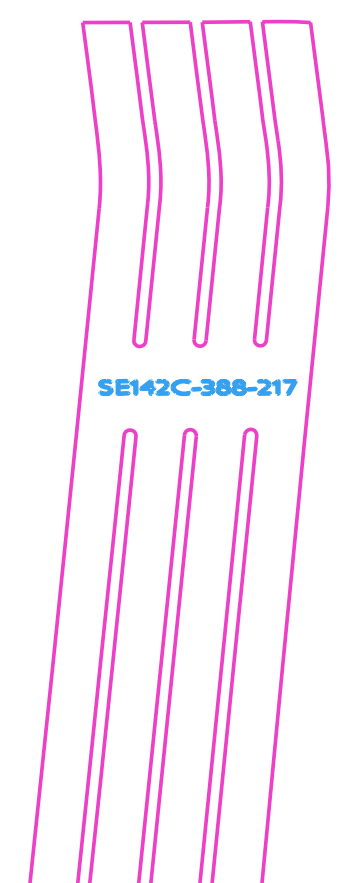
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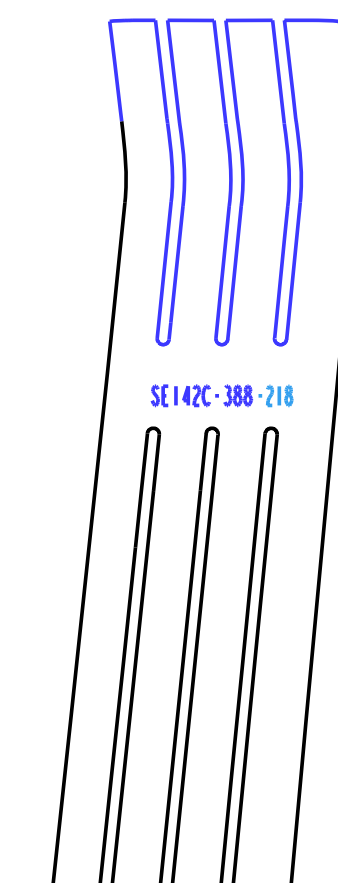
INSTANCE SE142C-388_FLAT_215



INSTANCE SE142C-388_FLAT_216



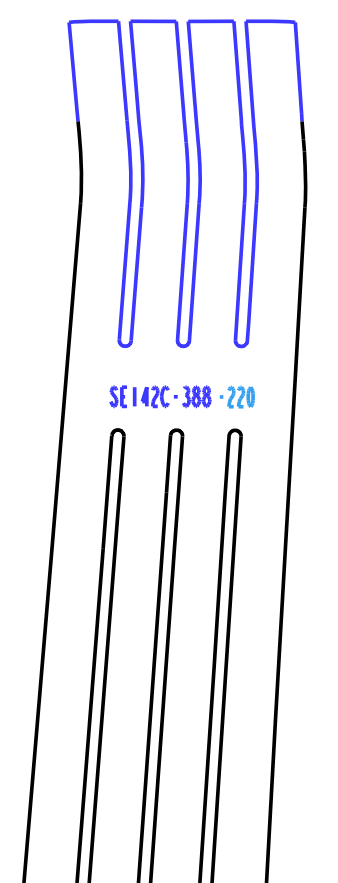
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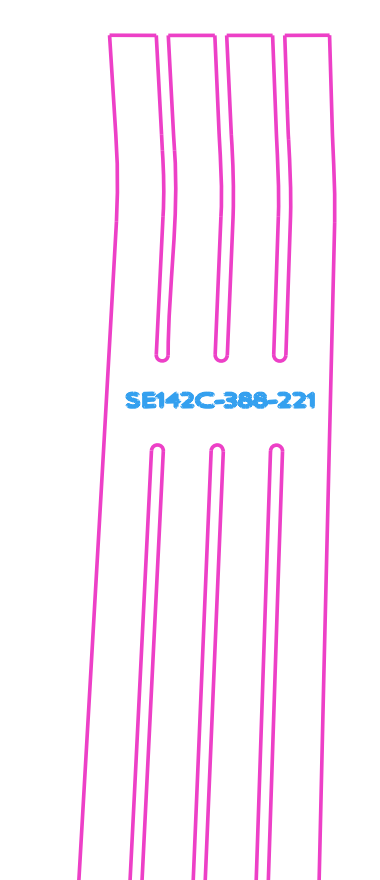
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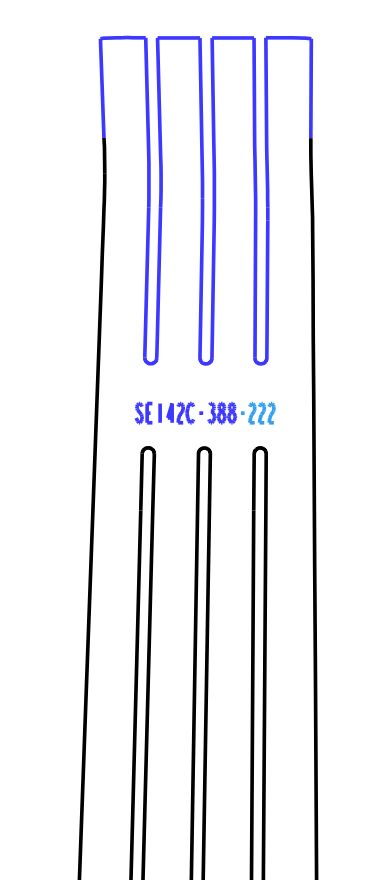
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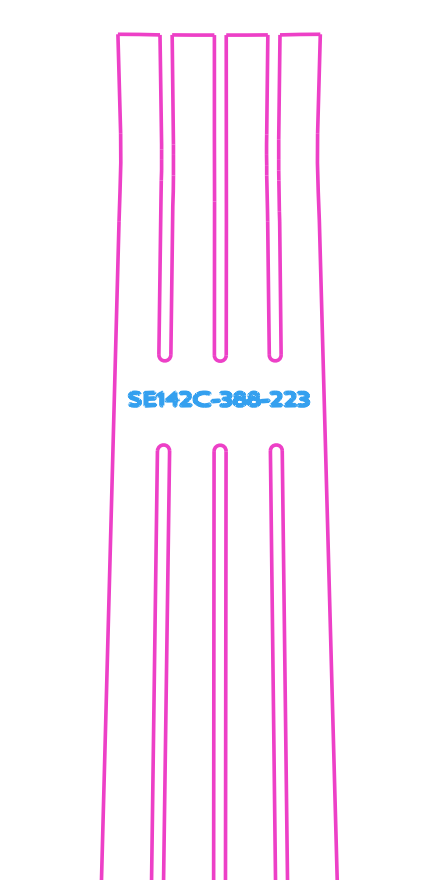
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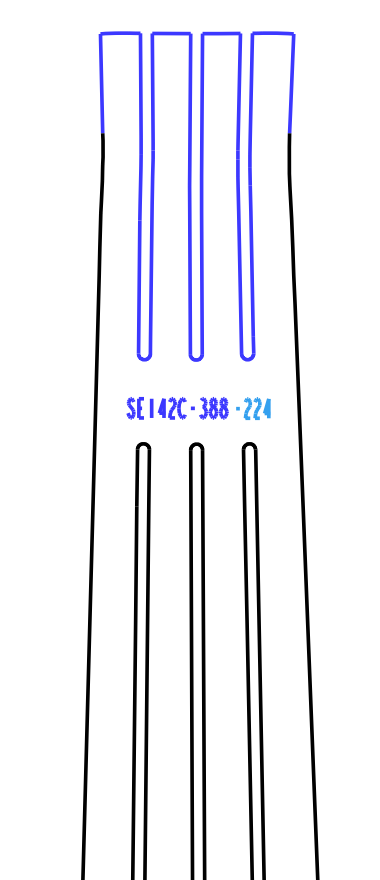
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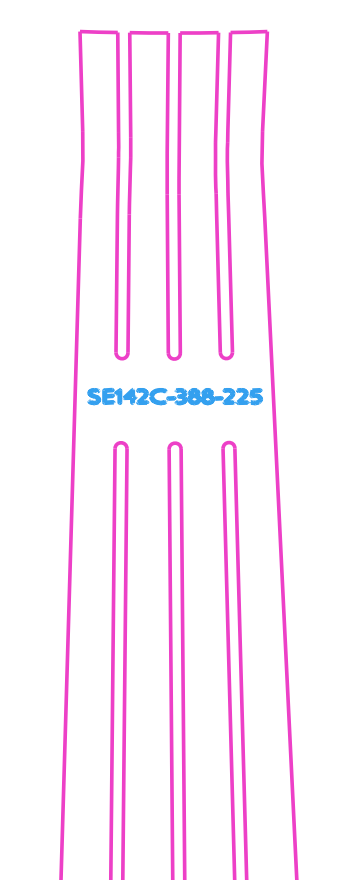
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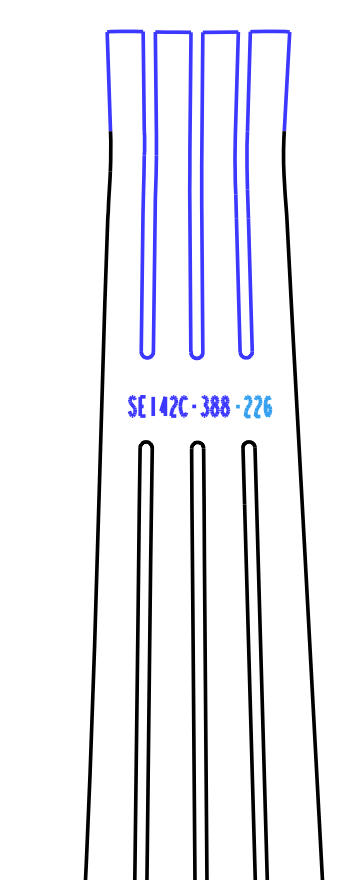
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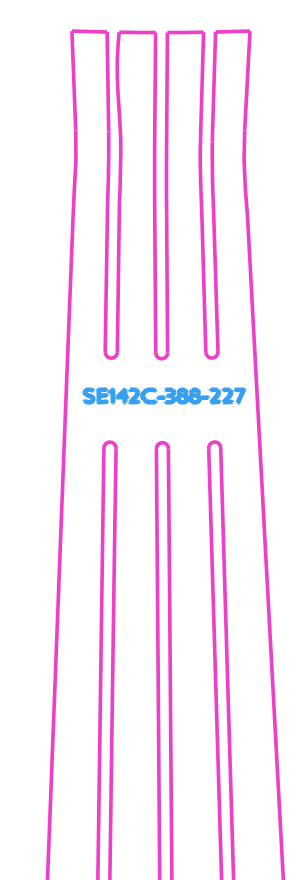
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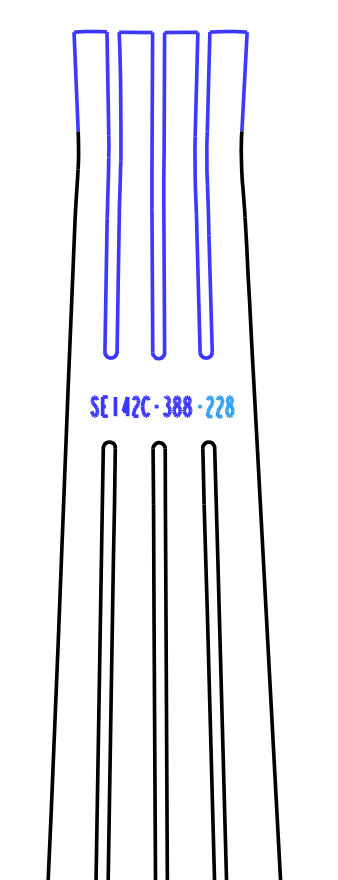
INSTANCE SE142C-388_FLAT_225



INSTANCE SE142C-388_FLAT_226



INSTANCE SE142C-388_FLAT_227

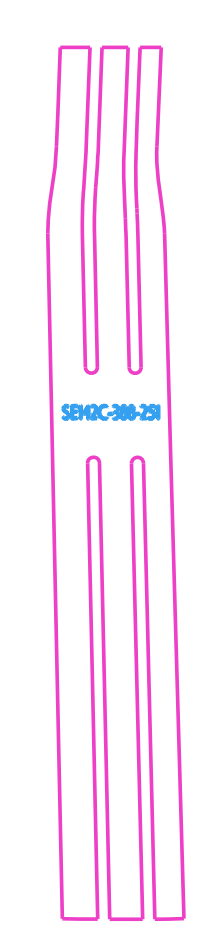


INSTANCE SE142C-388_FLAT_228

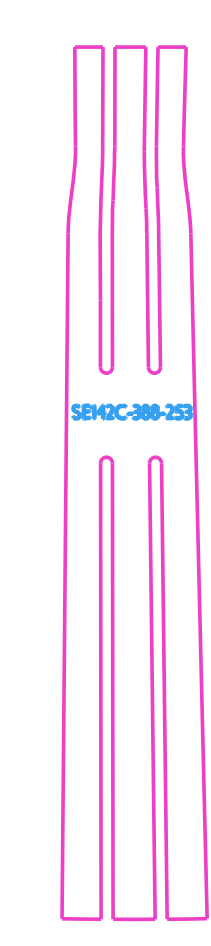
RELEASED FOR FABRICATION / INSTALLATION
PPPL Drafting:

Oak Ridge National Laboratory managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC05-00OR22725 UT-BATTELLE, LLC, Oak Ridge, Tennessee						
UT-BATTELLE						
NATIONAL COMPACT STELLARATOR EXPERIMENT						
MODULAR COIL TYPE - C SIDE "A" LOWER BOTTOM CHILL PLATE FLAT PATTERN LAYOUT						
VERSION NO.	PLANT	BLDG	FL	SHT OF	TYPE	CLASS
1	X-10	5700	3	5	7	S
RELEASE LEVEL		Fabrication		SE142C-388		REV 0

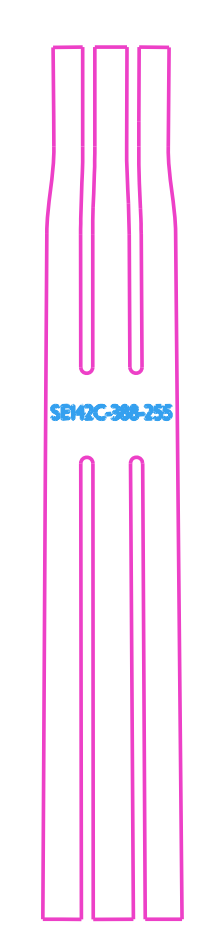
SE142C-388



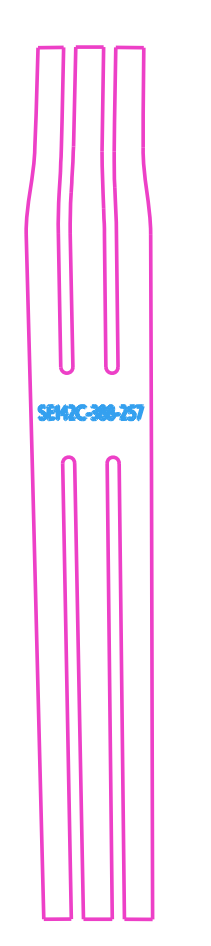
INSTANCE SE142C-388_FLAT_NEW_251



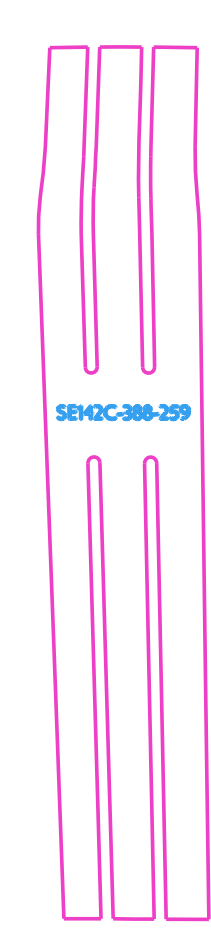
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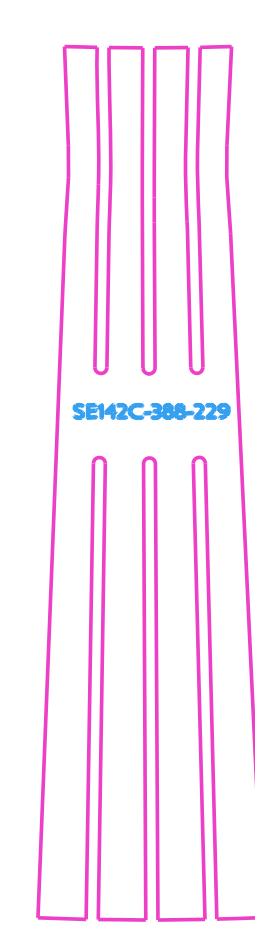
INSTANCE SE142C-388_FLAT_NEW_255



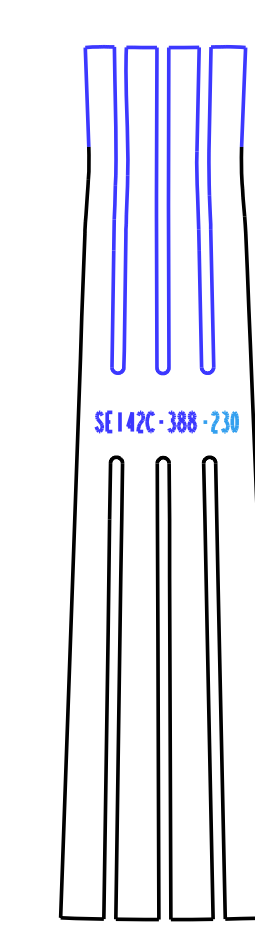
INSTANCE SE142C-388_FLAT_NEW_257



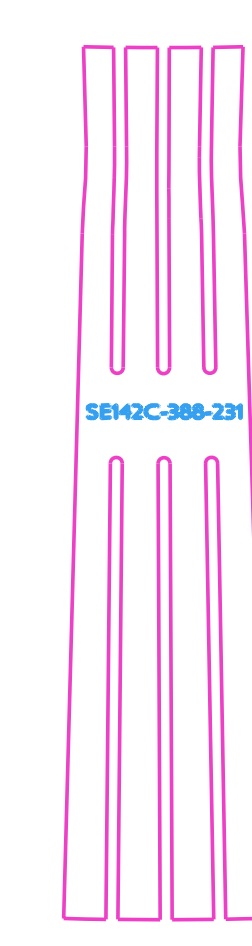
INSTANCE SE142C-388_FLAT_NEW_259



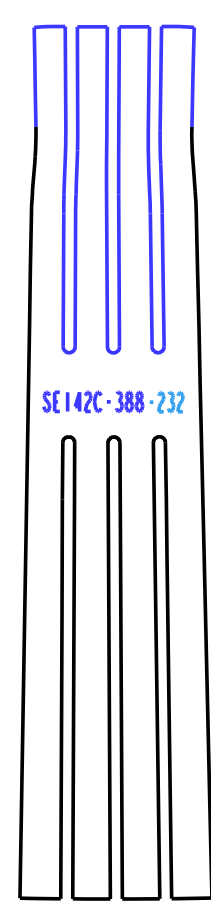
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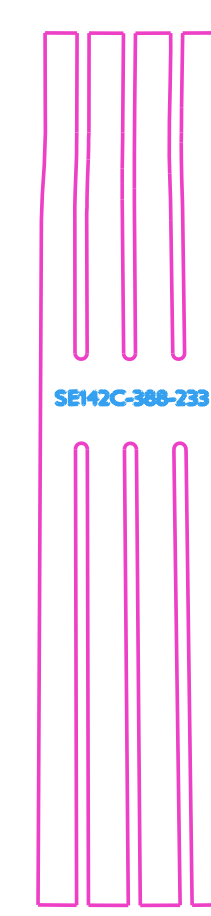
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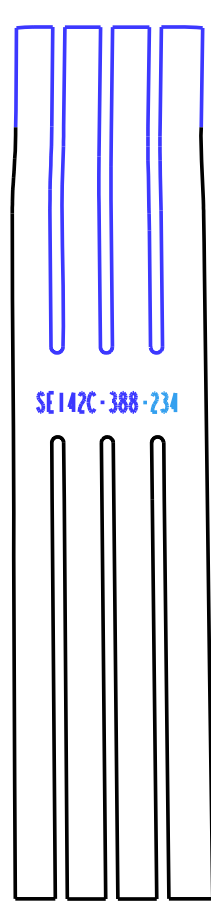
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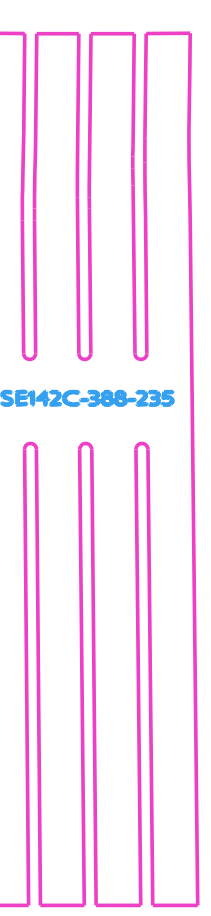
INSTANCE SE142C-388_FLAT_232



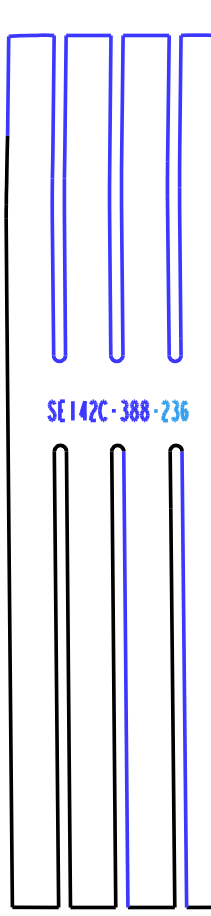
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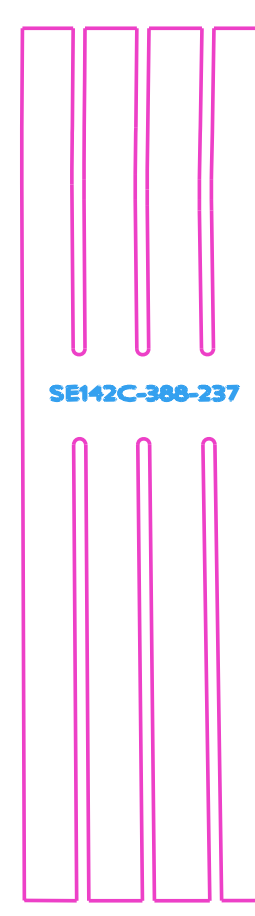
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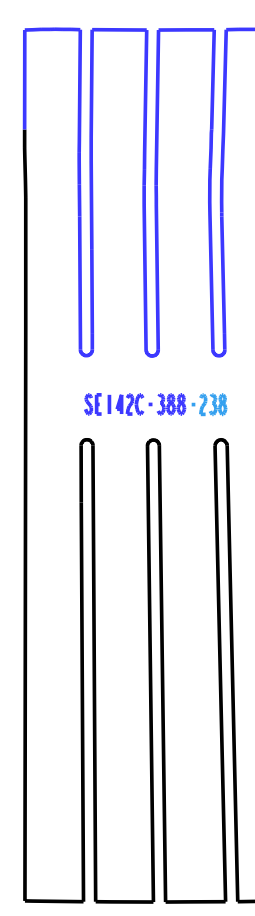
INSTANCE SE142C-388_FLAT_235



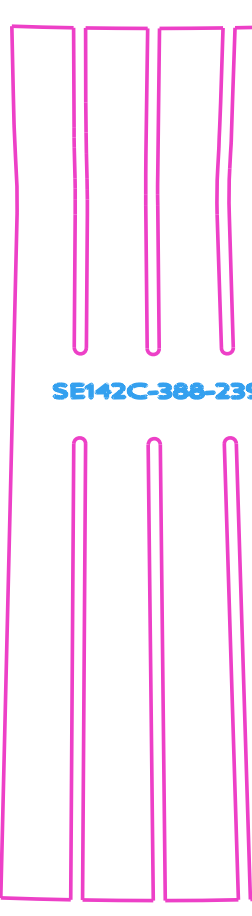
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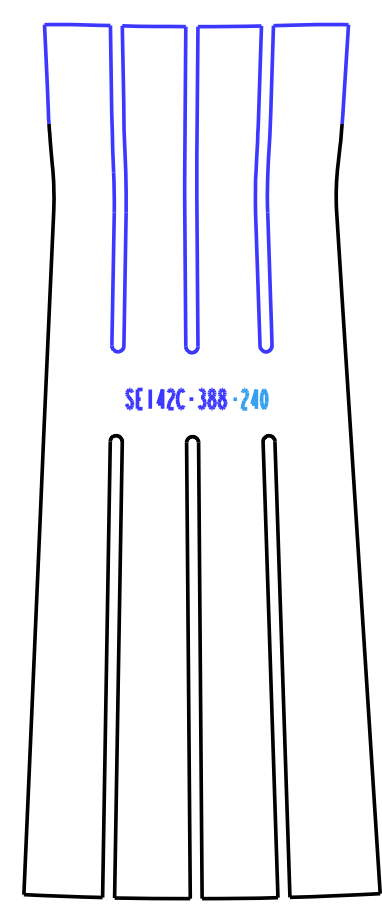
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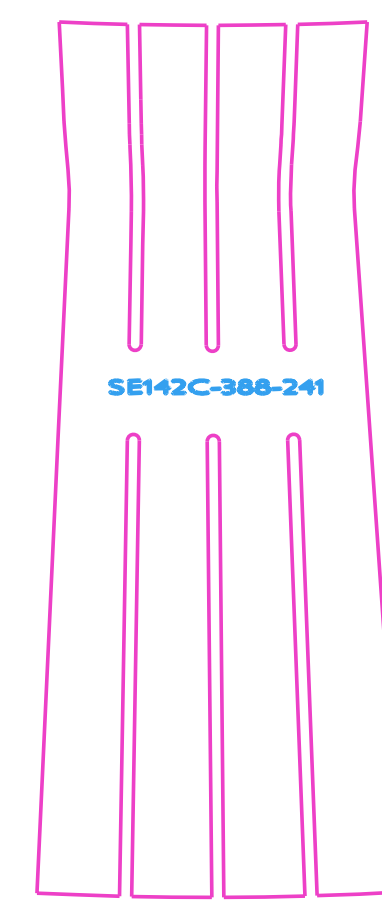
INSTANCE SE142C-388_FLAT_238



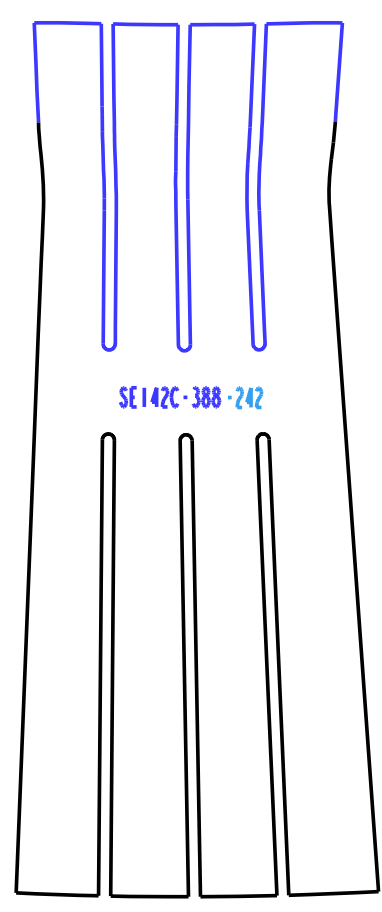
INSTANCE SE142C-388_FLAT_239



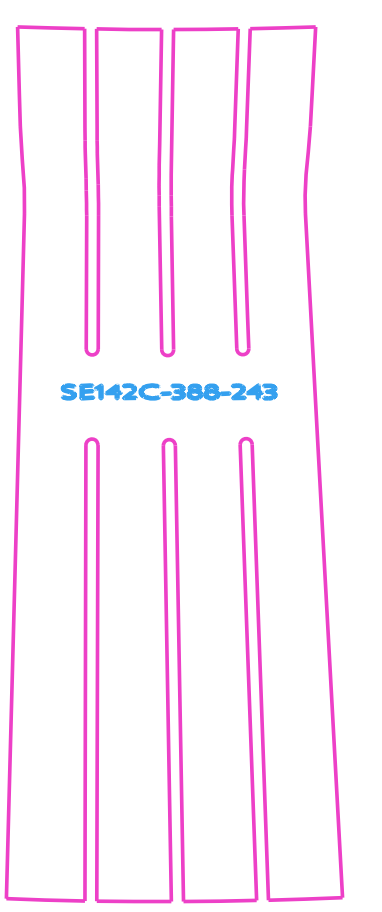
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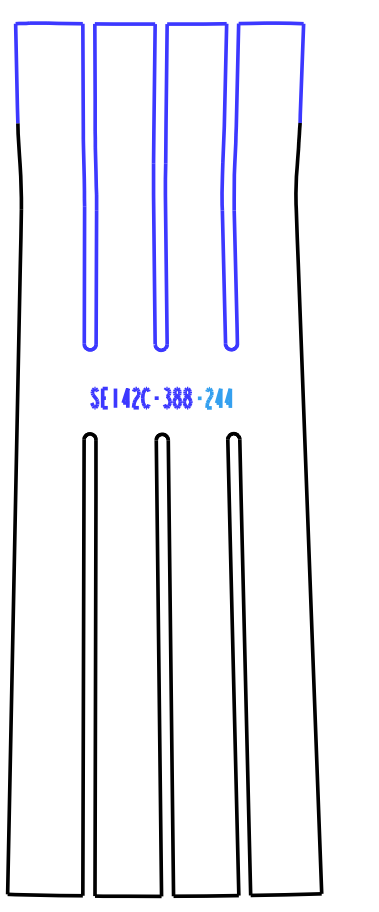
INSTANCE SE142C-388_FLAT_241



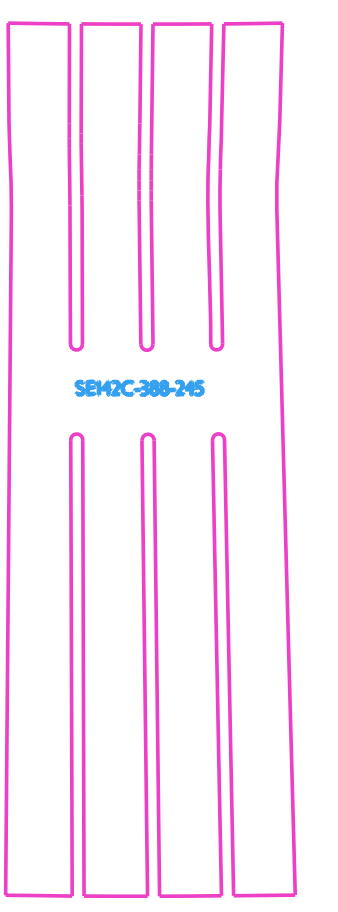
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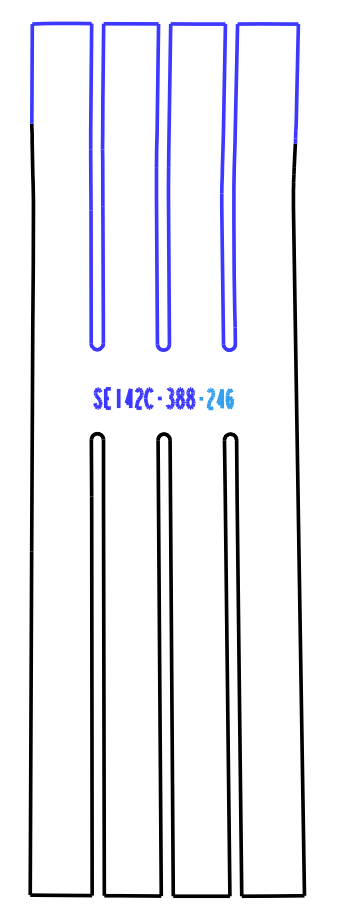
INSTANCE SE142C-388_FLAT_243



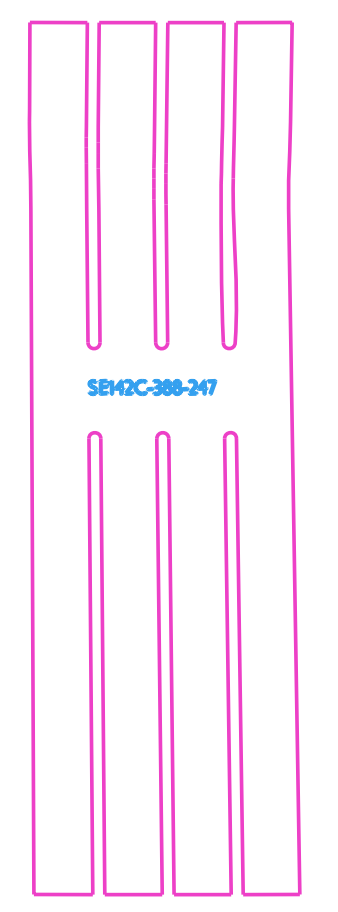
INSTANCE SE142C-388_FLAT_244



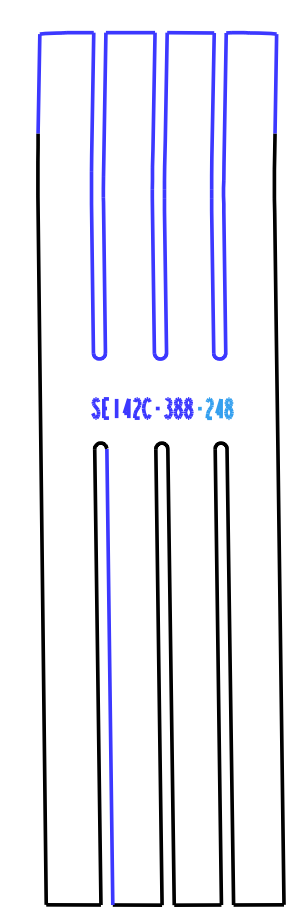
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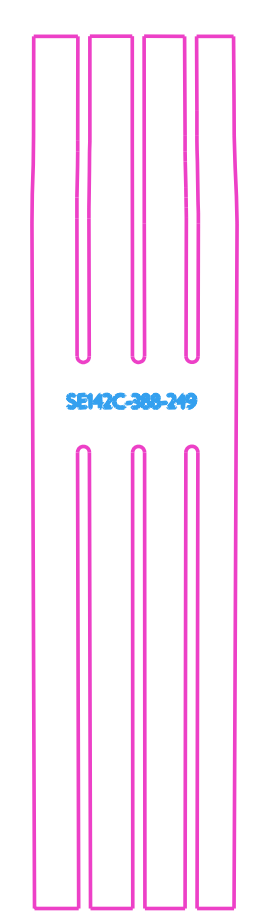
INSTANCE SE142C-388_FLAT_246



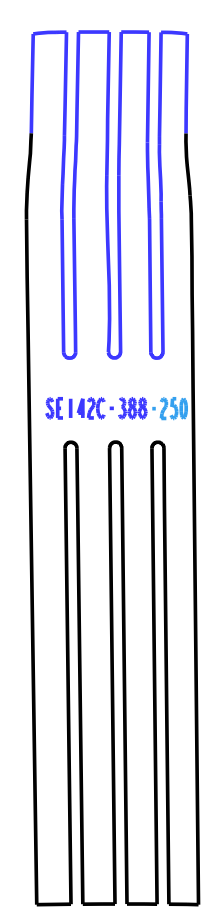
INSTANCE SE142C-388_FLAT_247



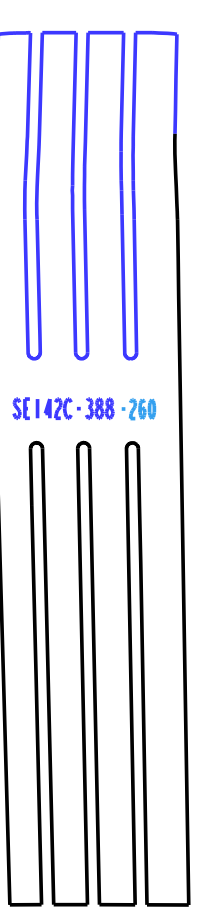
INSTANCE SE142C-388_FLAT_248



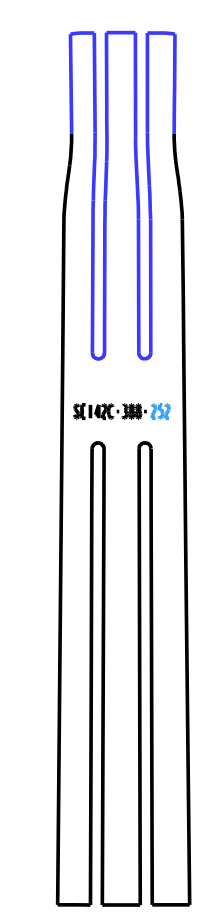
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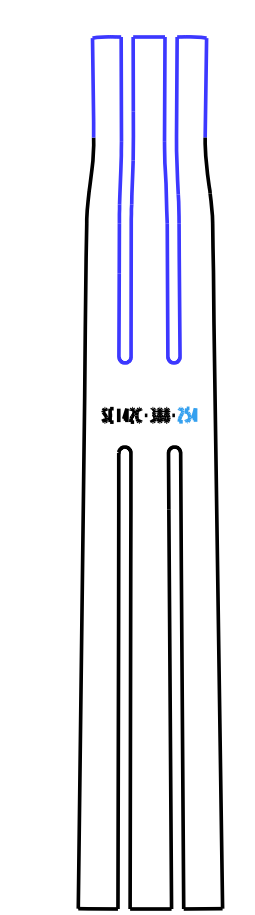
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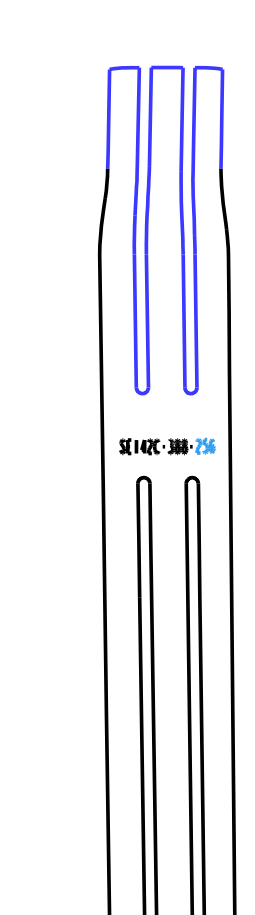
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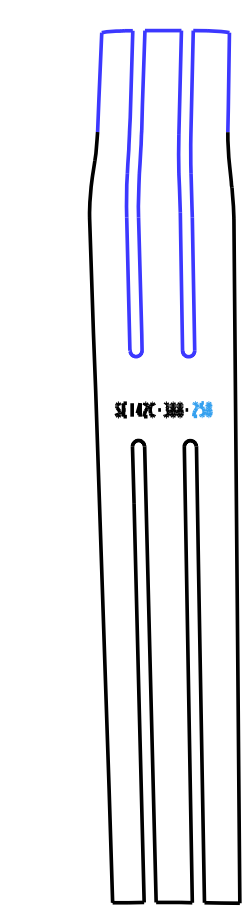
INSTANCE SE142C-388_FLAT_NEW_252



INSTANCE SE142C-388_FLAT_NEW_254



INSTANCE SE142C-388_FLAT_NEW_256

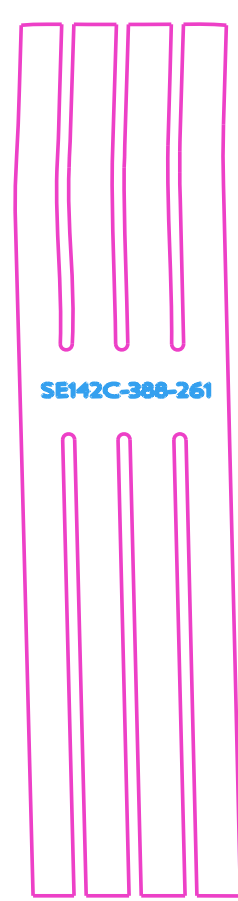


INSTANCE SE142C-388_FLAT_NEW_258

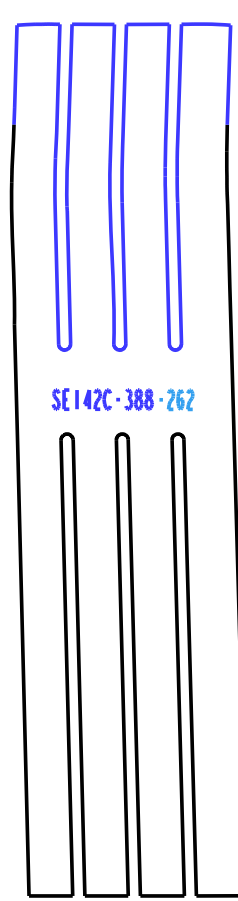
RELEASED FOR FABRICATION / INSTALLATION PPPL Drafting:

Oak Ridge National Laboratory managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC05-00OR22725 UT-BATTELLE, LLC, Oak Ridge, Tennessee						
UT-BATTELLE NATIONAL COMPACT STELLARATOR EXPERIMENT MODULAR COIL TYPE - C SIDE "A" LOWER BOTTOM CHILL PLATE FLAT PATTERN LAYOUT						
VERSION NO.	PLANT	BLDG	FL	SHT OF	TYPE	CLASS
1	X-10	5700	3	6	7	S
RELEASE LEVEL		Fabrication		SE142C-388		REV 0

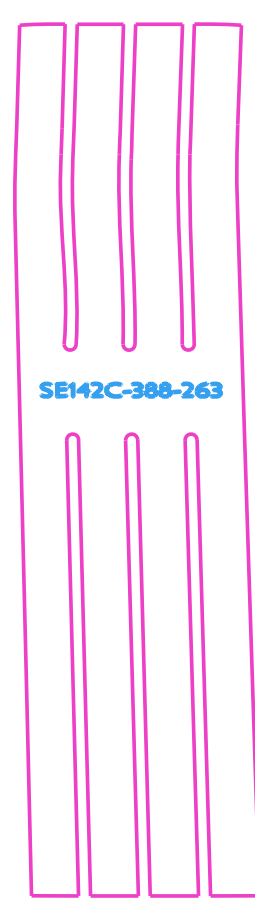
SE142C-388



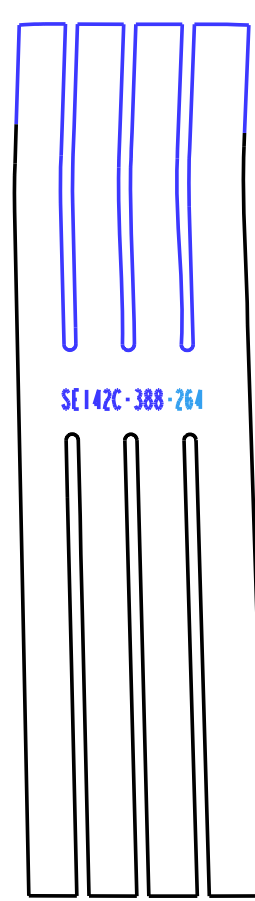
INSTANCE SE142C-388_FLAT_261



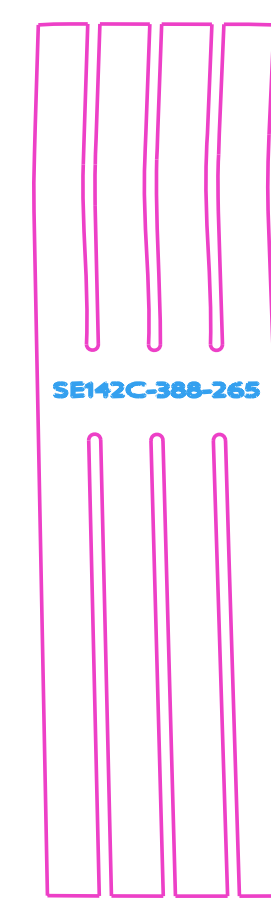
INSTANCE SE142C-388_FLAT_262



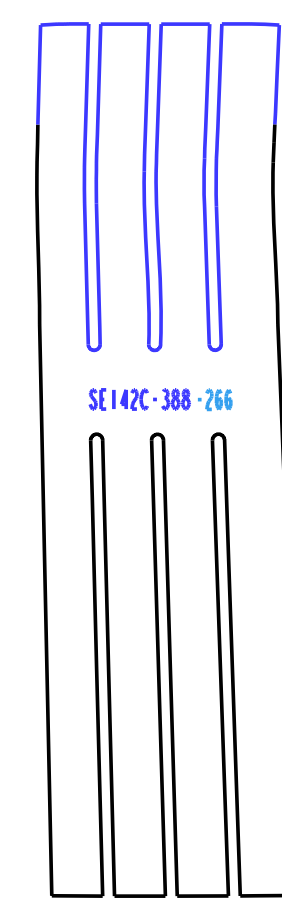
INSTANCE SE142C-388_FLAT_263



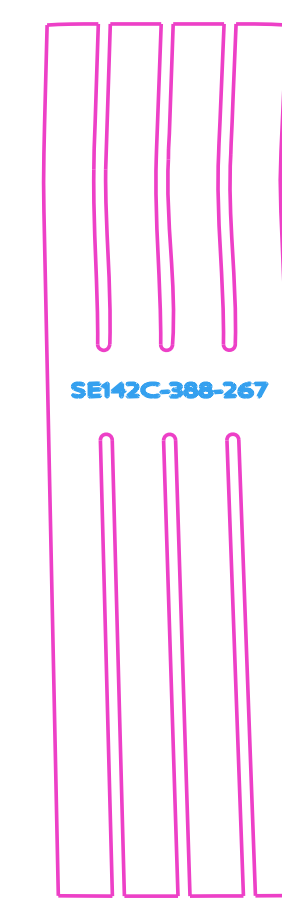
INSTANCE SE142C-388_FLAT_264



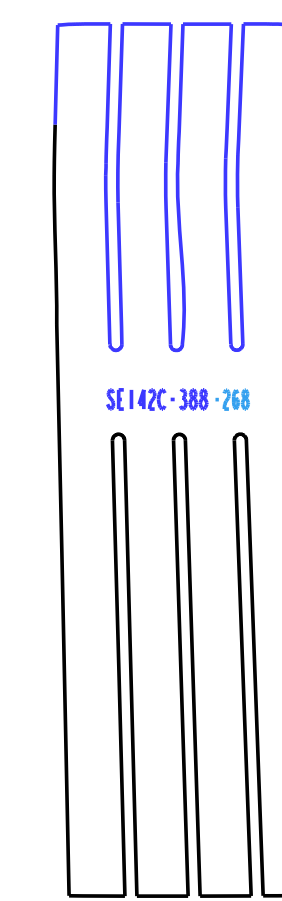
INSTANCE SE142C-388_FLAT_265



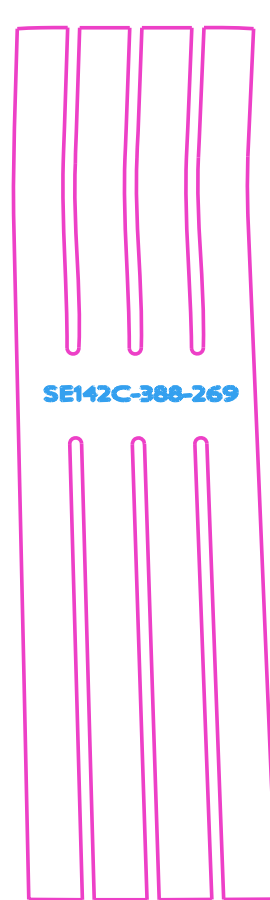
INSTANCE SE142C-388_FLAT_266



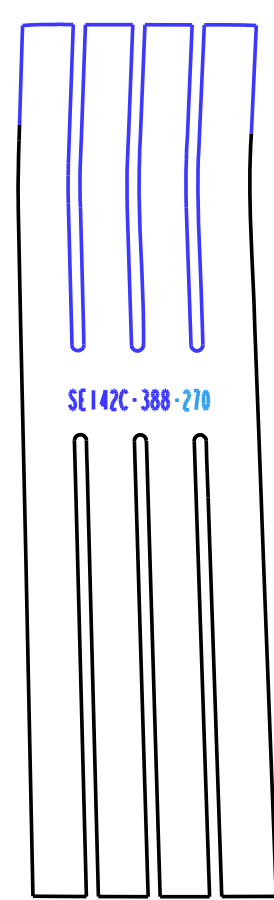
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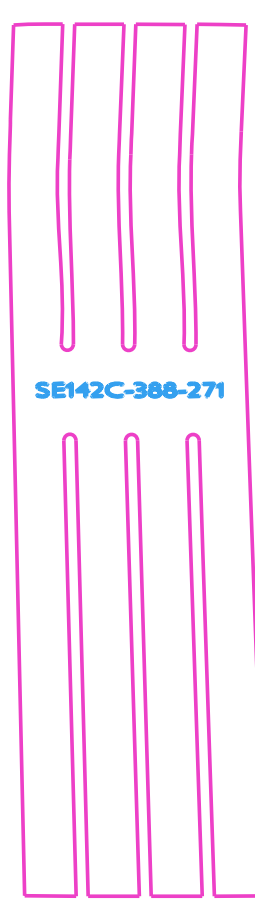
INSTANCE SE142C-388_FLAT_268



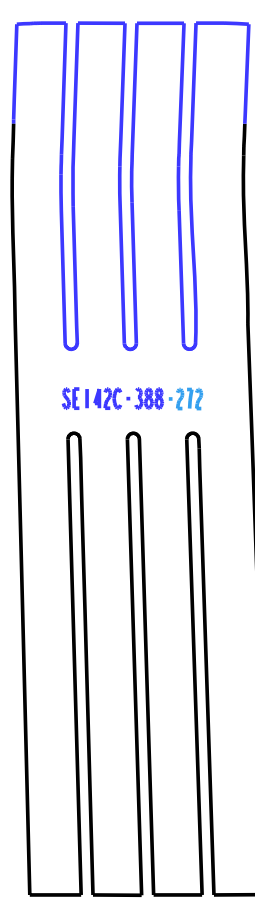
INSTANCE SE142C-388_FLAT_269



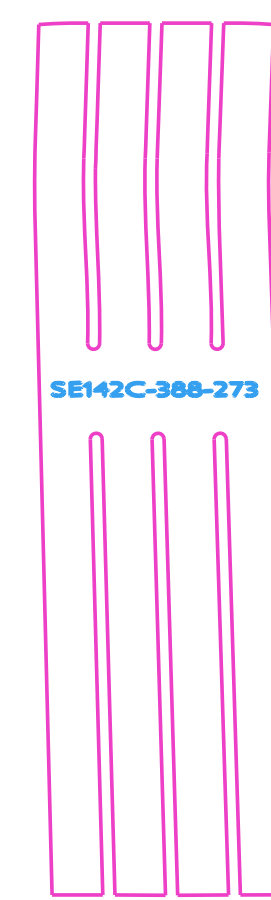
INSTANCE SE142C-388_FLAT_270



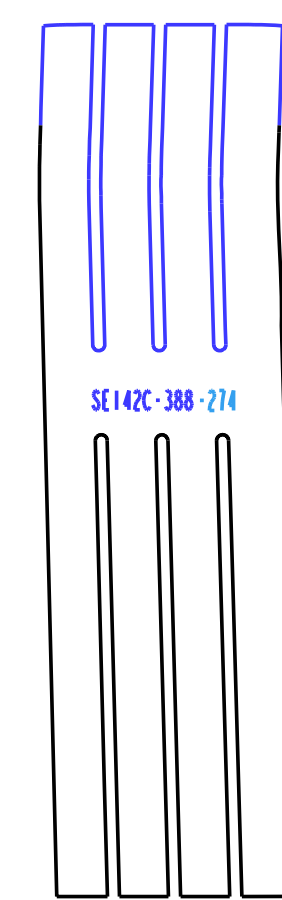
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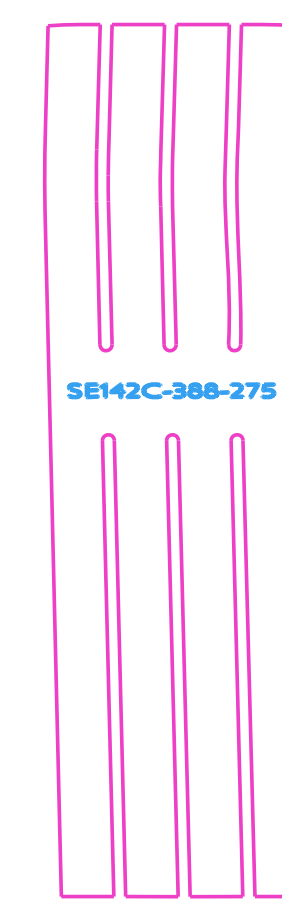
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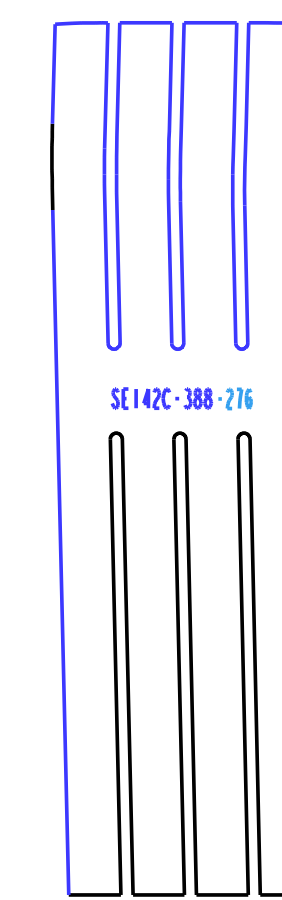
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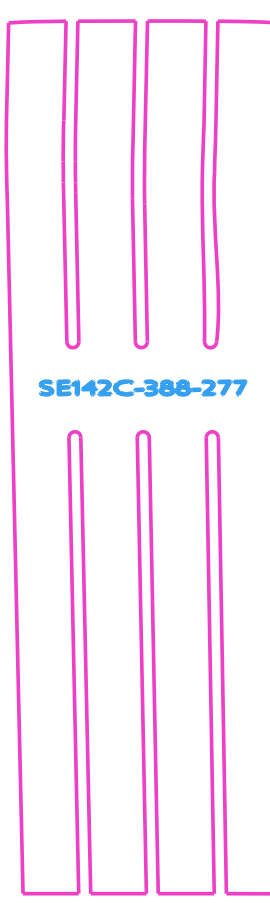
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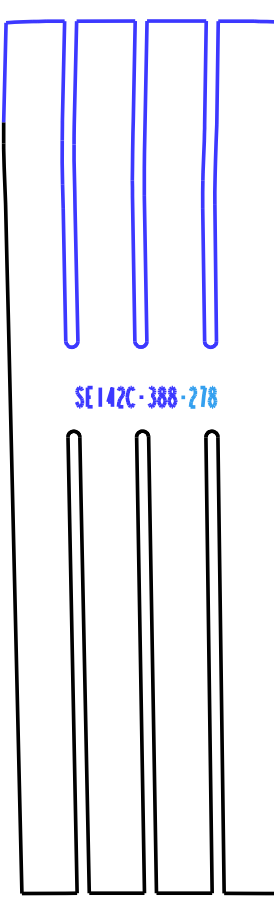
INSTANCE SE142C-388_FLAT_275



INSTANCE SE142C-388_FLAT_276



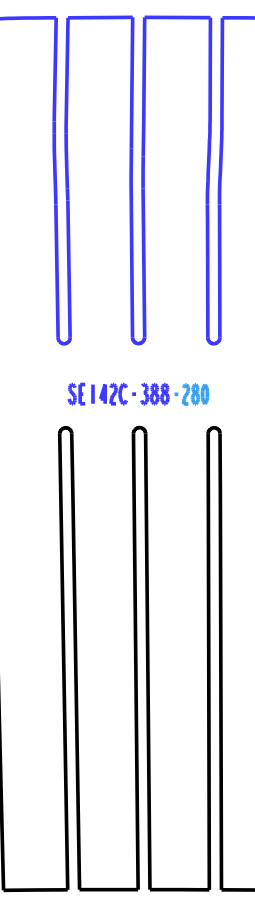
INSTANCE SE142C-388_FLAT_277



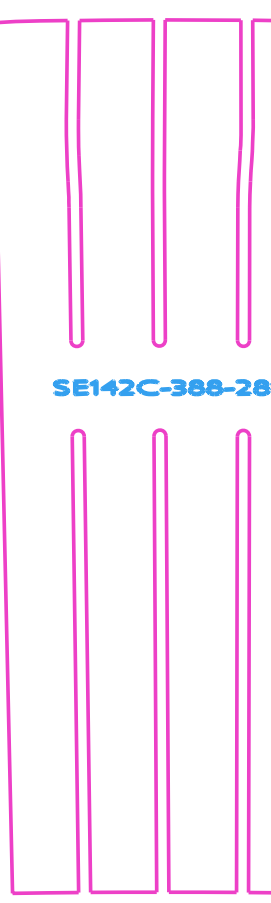
INSTANCE SE142C-388_FLAT_278



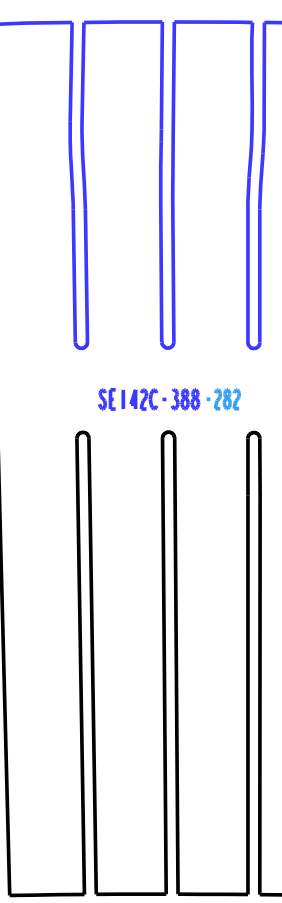
INSTANCE SE142C-388_FLAT_279



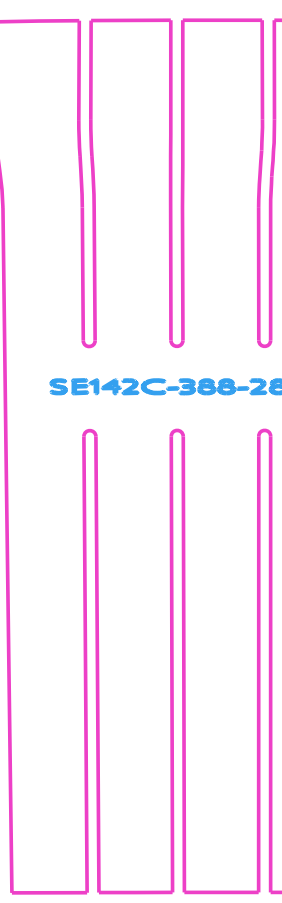
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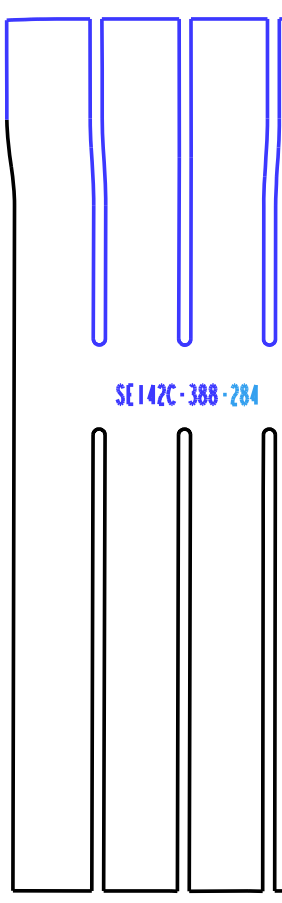
INSTANCE SE142C-388_FLAT_281



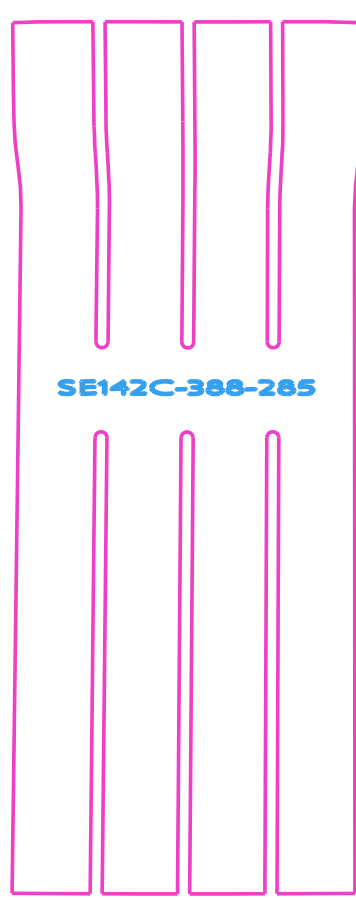
INSTANCE SE142C-388_FLAT_282



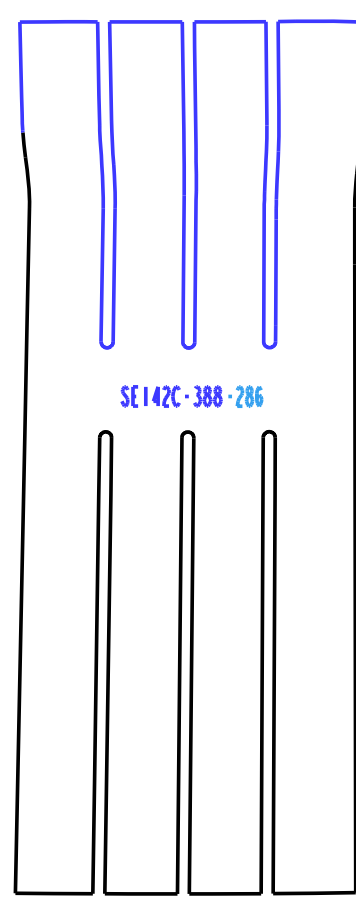
INSTANCE SE142C-388_FLAT_283



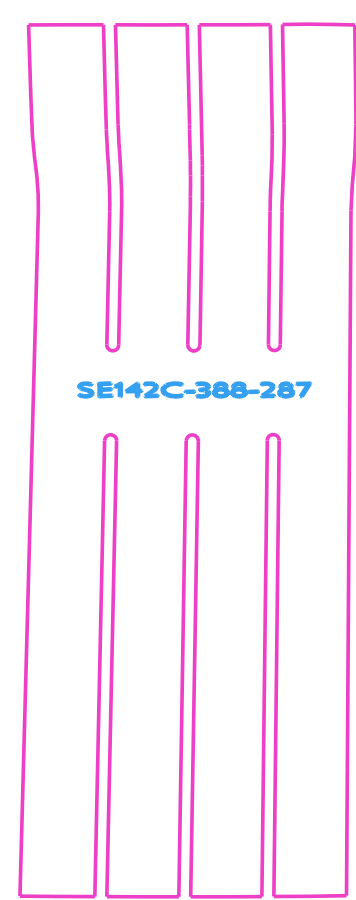
INSTANCE SE142C-388_FLAT_284



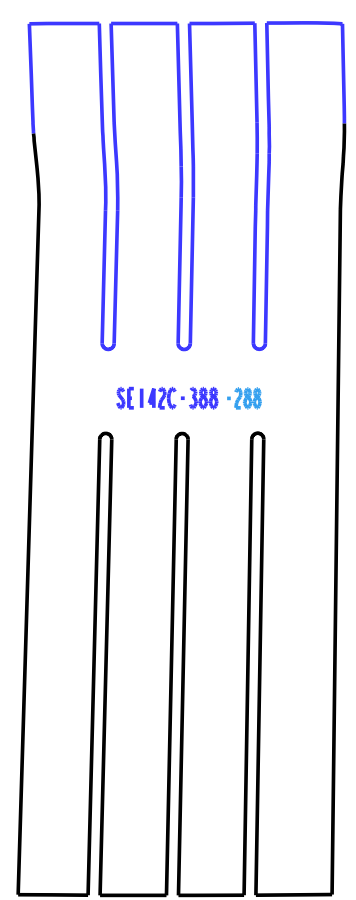
INSTANCE SE142C-388_FLAT_285



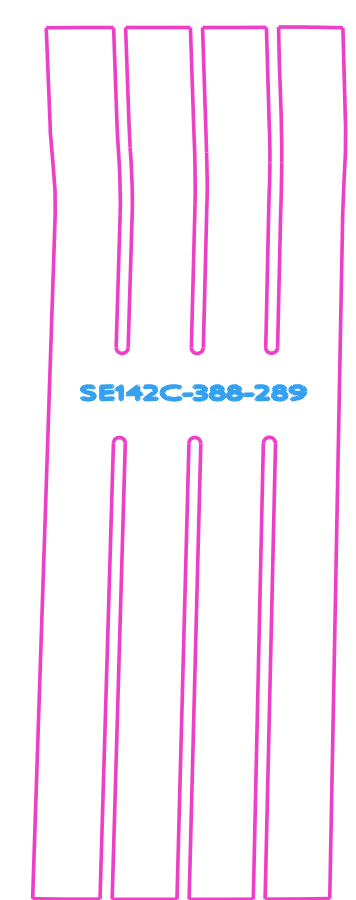
INSTANCE SE142C-388_FLAT_286



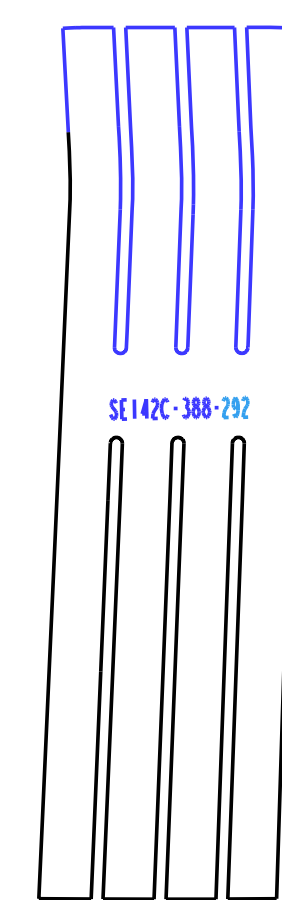
INSTANCE SE142C-388_FLAT_287



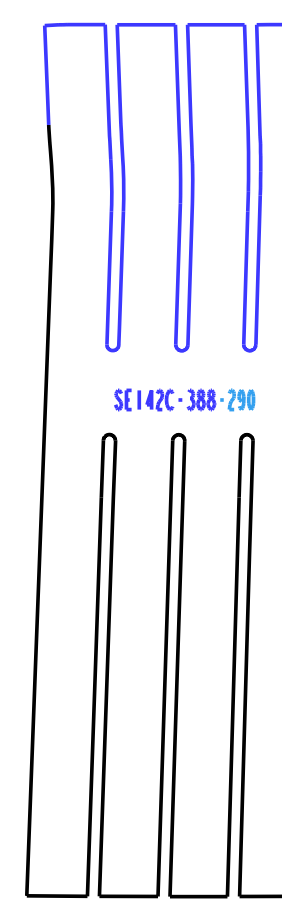
INSTANCE SE142C-388_FLAT_288



INSTANCE SE142C-388_FLAT_289



INSTANCE SE142C-388_FLAT_290_NEW



INSTANCE SE142C-388_FLAT_290



INSTANCE SE142C-388_FLAT_291

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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						
UT-BATTELLE						
NATIONAL COMPACT STELLARATOR EXPERIMENT						
MODULAR COIL TYPE - C SIDE "A" LOWER BOTTOM CHILL PLATE FLAT PATTERN LAYOUT						
VERSION NO.	PLANT	BLDG	FL	SHT OF	TYPE	CLASS
2	X-10	5700	3	7	S	U
RELEASE LEVEL		SE142C-388		REV		0
Fabrication						

SE142C-388