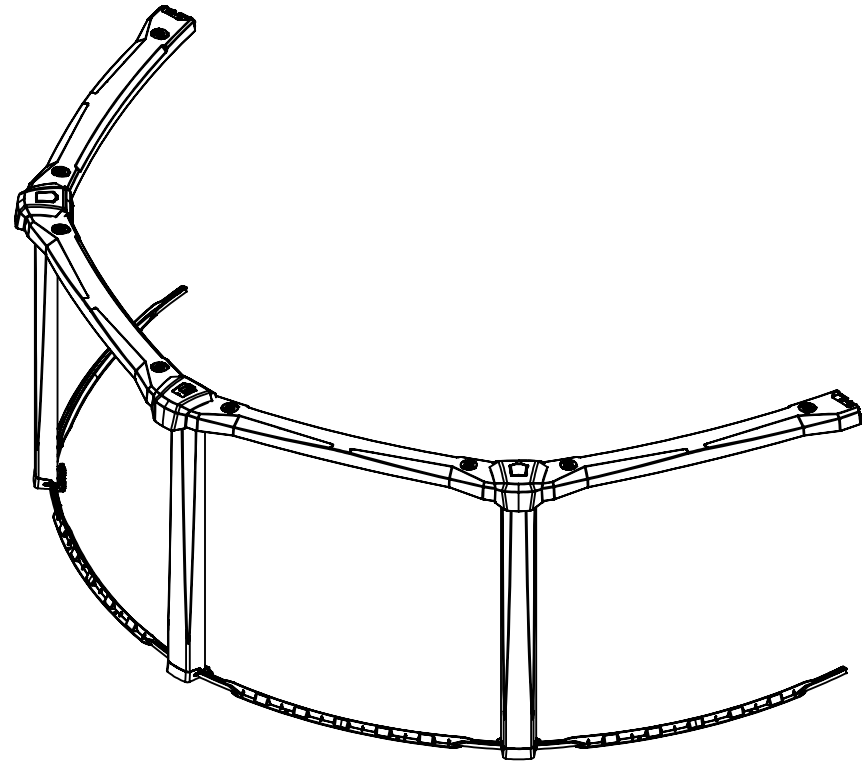


NOTE: REVISION TABLE ON PAGE 11

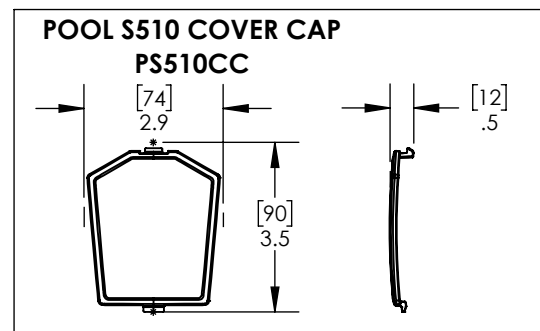
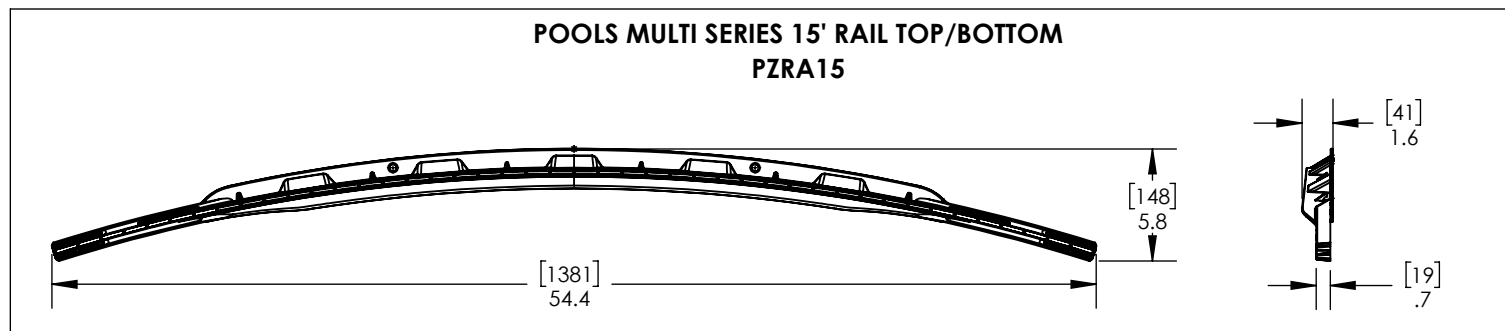
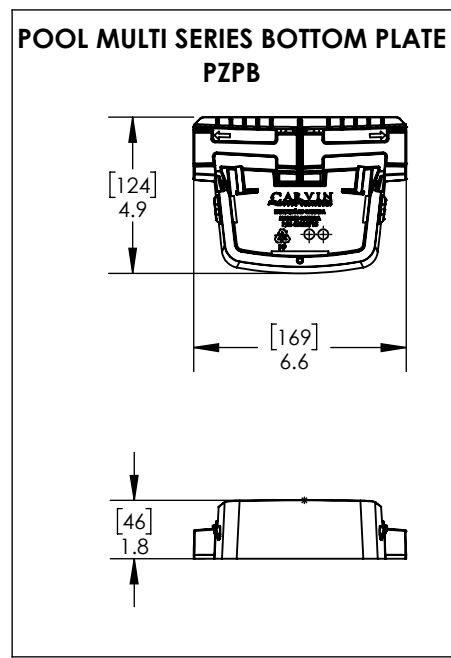
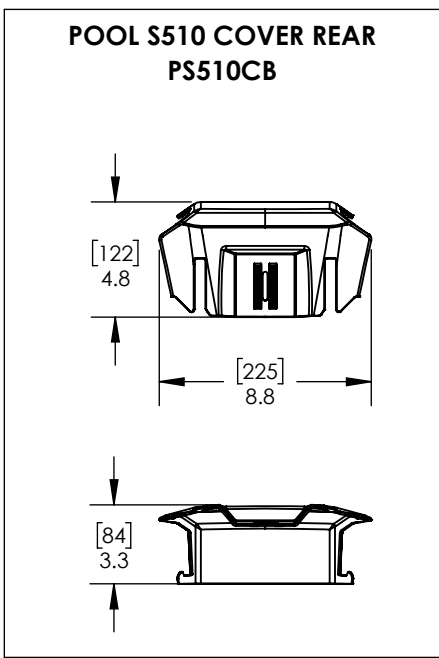
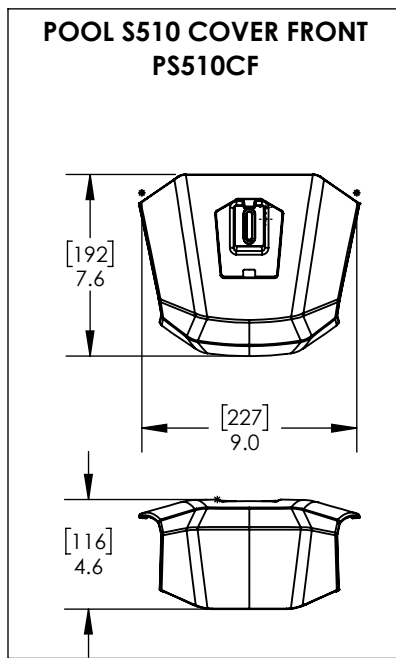
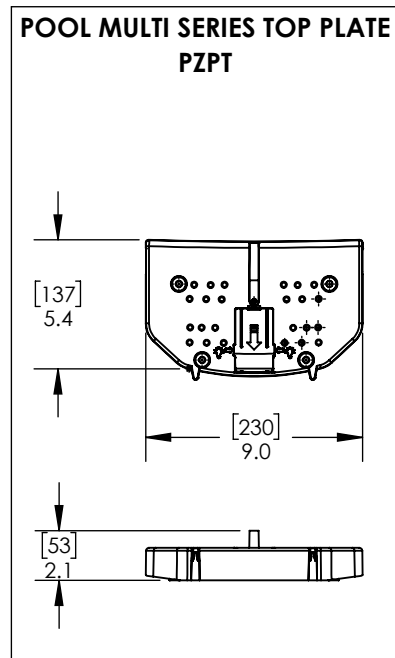
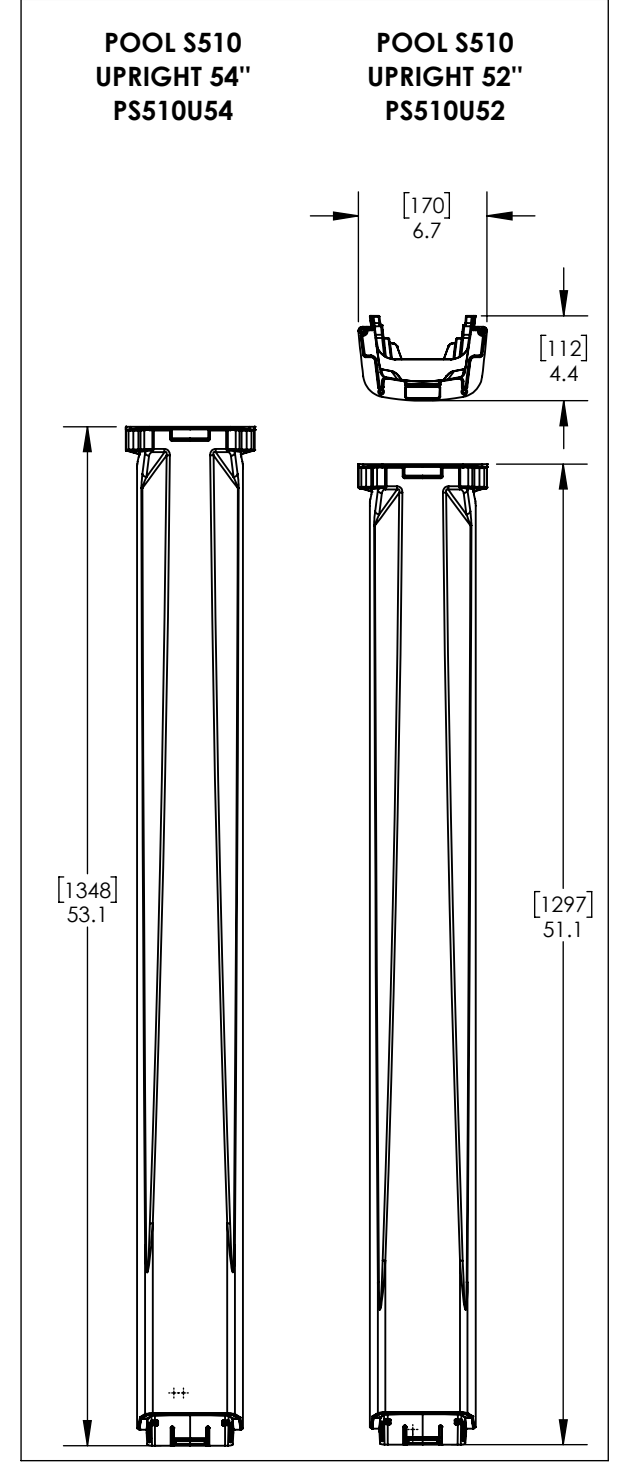
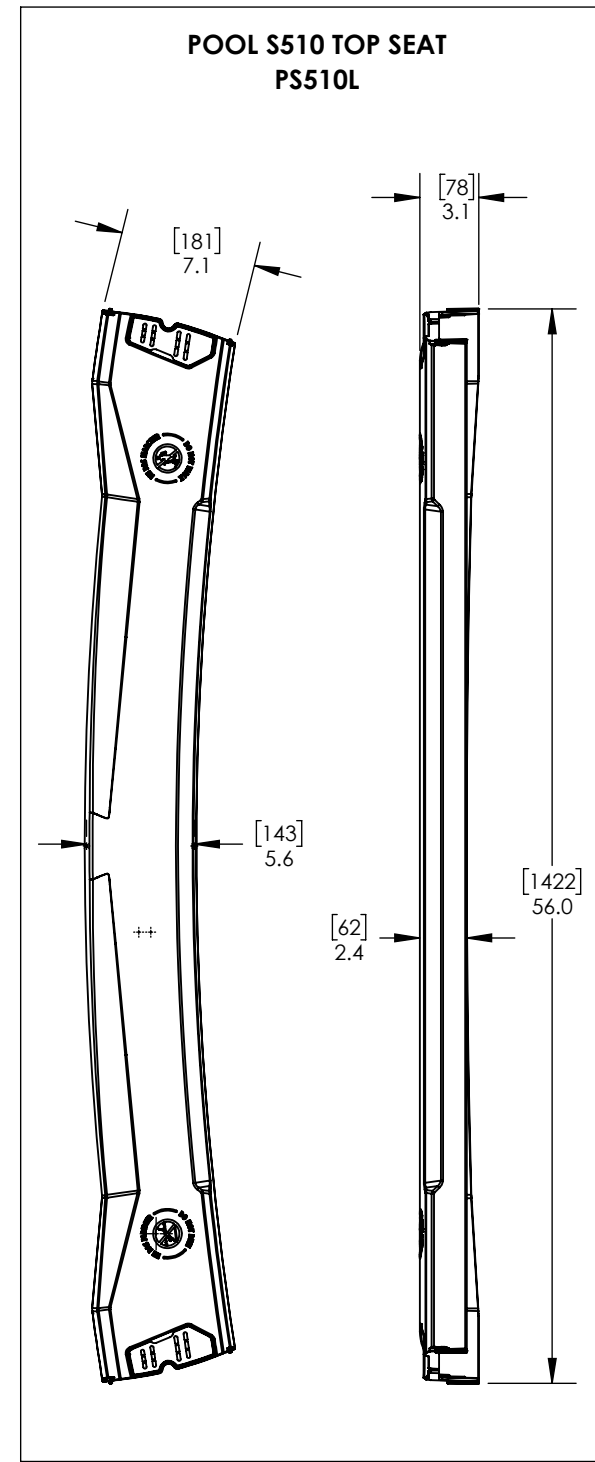
SWIMMING POOL INFORMATION					MIN. STEEL WALL YIELD STRENGTH (MPA)	MIN. ALUMINUM WALL YIELD STRENGTH (MPA)
ASSEMBLED WALL DIMENSIONS						
POOL SIZE (FT)	(Y) (IN)	(X) (IN)	POOL PERIMETER (IN)	(Z) (IN)	REFER TO LATEST POOL WALL DRAWING SPECIFICATIONS 3670-01	
12X15	143.9	180.2	524.0	72.0		
12X18	143.9	216.5	598.0	72.0		
12X21	143.9	252.6	670.0	72.0		
12X24	143.9	288.9	742.5	72.0		
15X21	182.5	252.4	710.3	90.0		
15X24	182.5	288.6	783.0	90.0		
15X30	182.5	361.1	928.4	90.0		
18X33	218.1	397.2	1041.5	108.0		
18X39	218.1	469.5	1187.0	108.0		
POOL HEIGHT	WATER LEVEL					
52"	44.762"					
54"	46.762"					

TOLÉRANCE GÉNÉRALE / GENERAL TOLERANCE			4000 Boul. Casavant Ouest, Saint-Hyacinthe, (Quebec) Quebec, Canada, J2S 9E3, T (450) 774-6953 F (450) 774-4970	
PROCÉDÉ / PROCESS	ASSEMBLY TOLERANCES		COMPLIANCE TO APSP-4	
DEC. X	± 2.0		DESCRIPTION: SUNLAB S510 SERIES OVAL POOL 52"-54"	
.XX	± 1.0		NO. PIÈCE / PART NO:	VOLUME: N/A
.XXX	± 0.500	MATERIAU / MATERIAL: N/A		
ANGLE N/A		NUMÉRO DE MOULE / MOLD NUMBER: N/A		
UNITS: INCH[MM]		DATE: 2025-10-14		
REF. SCALE		DATE: SEE PAGE 11		
DROITS D'AUTEUR / COPYRIGHT		DWG SIZE: B		
LE PRÉSENT DOCUMENT ET TOUTES INFORMATIONS AFFÉRENTES SONT LA PROPRIÉTÉ UNIQUE DU GROUPE VIF INC. TOUTE REPRODUCTION EN TOUT OU EN PARTIE EST INTERDITE SANS L'AUTORISATION ÉCRITE DU CLIENT.		ECHELLE / SCALE: 1:96		
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ROUND SECTION PLASTIC PARTS S510 SERIES



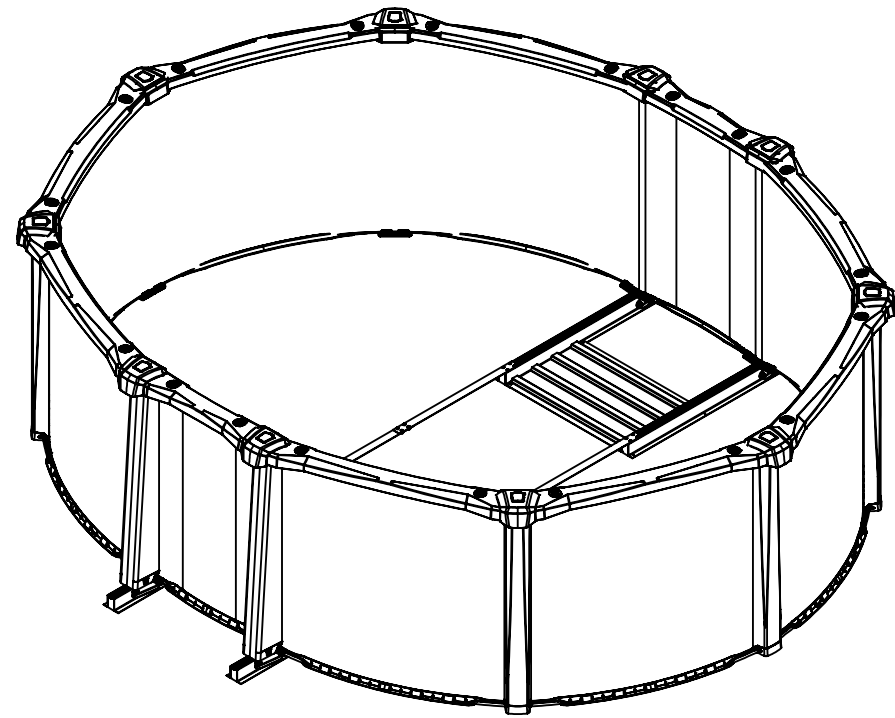
ACRONYM	SIGNIFICATION
PZPT	POOL MULTI SERIES TOP PLATE
PZPB	POOL MULTI SERIES BOTTOM PLATE
PZRA15	POOLS MULTI SERIES RAIL 15' TOP/BOTTOM
PS510CF	POOL S510 COVER FRONT
PS510CB	POOL S510 COVER REAR
PS510CC	POOL S510 COVER CAP
PS510L	POOL S510 TOP SEAT
PS510U52	POOL S510 UPRIGHT 52"
PS510U54	POOL S510 UPRIGHT 54"



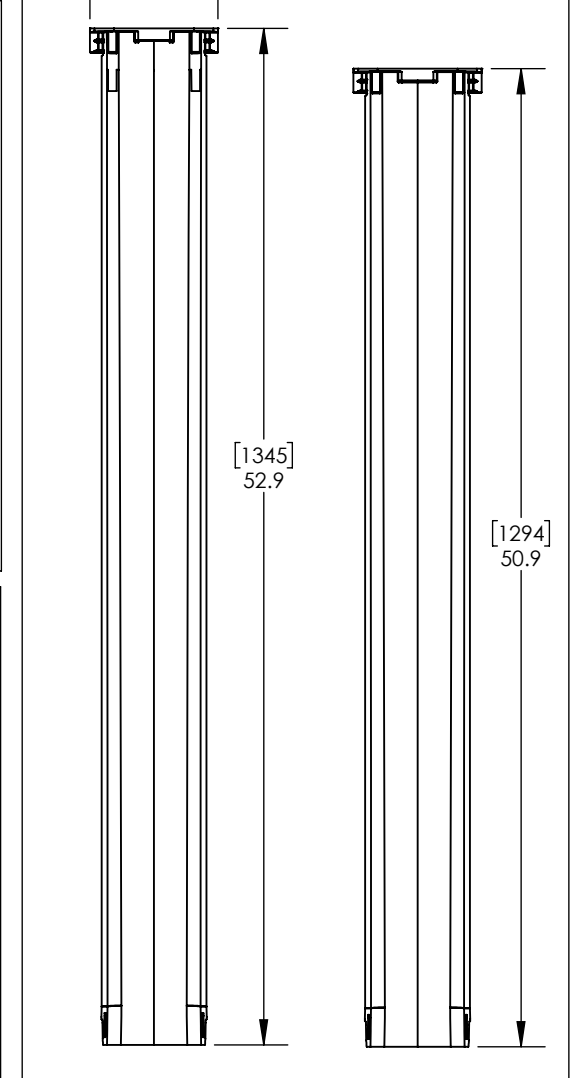
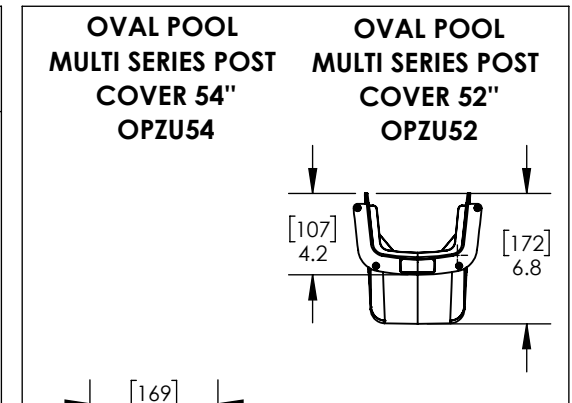
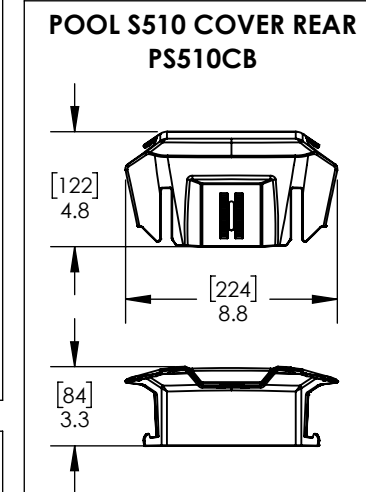
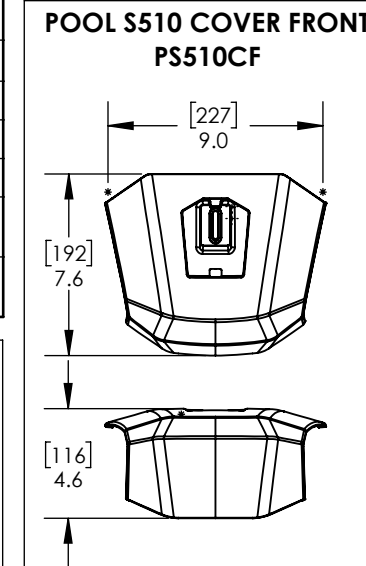
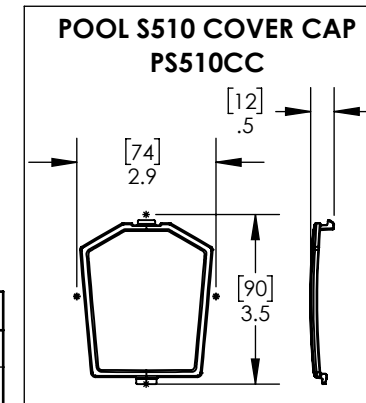
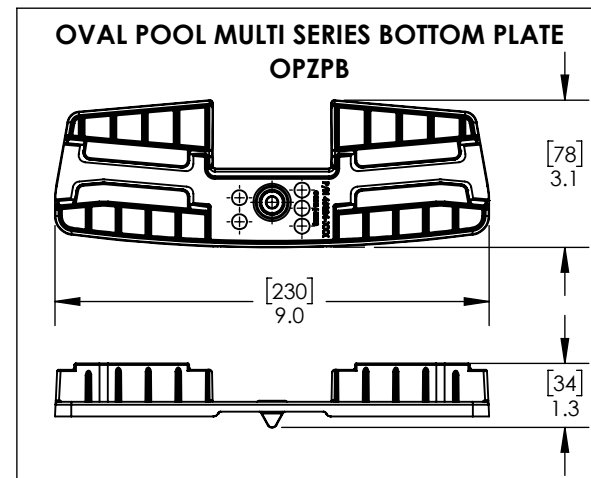
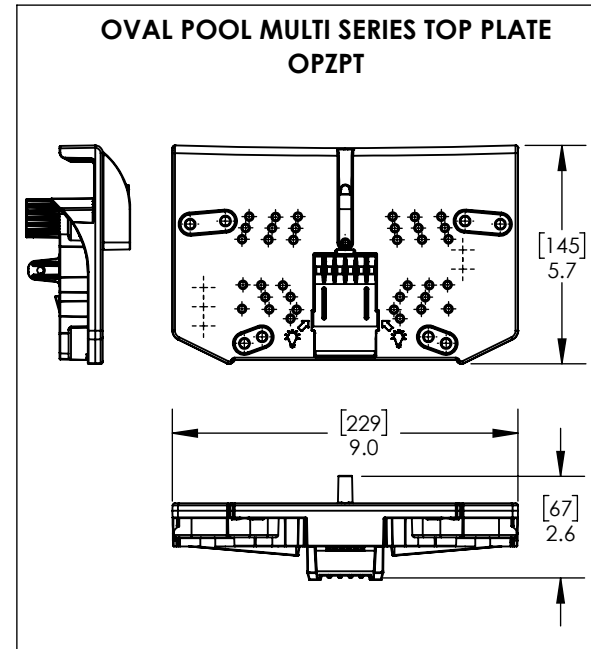
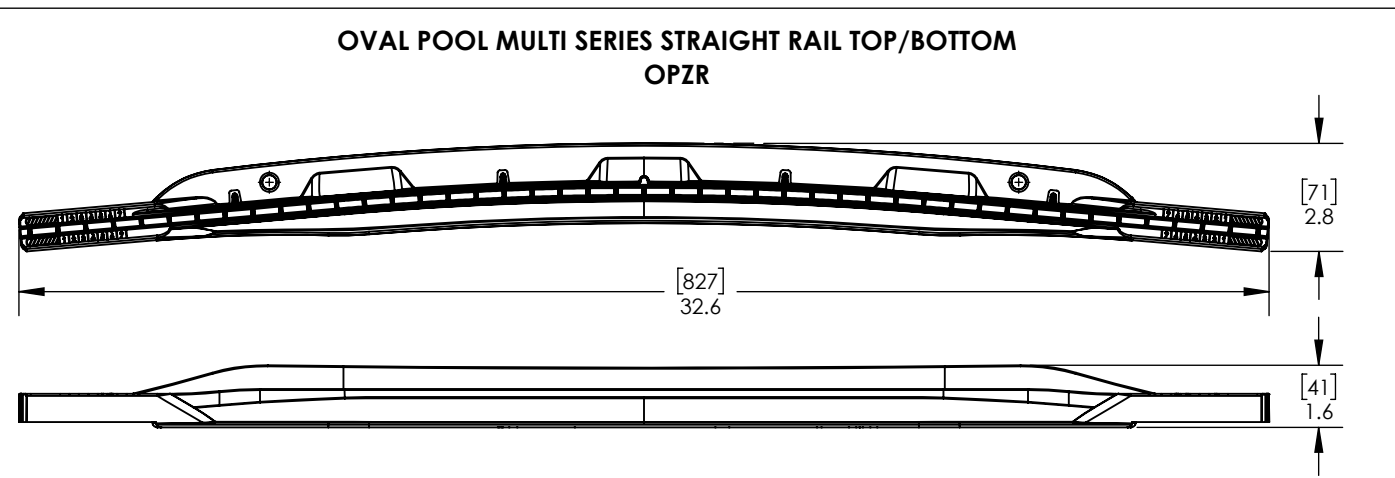
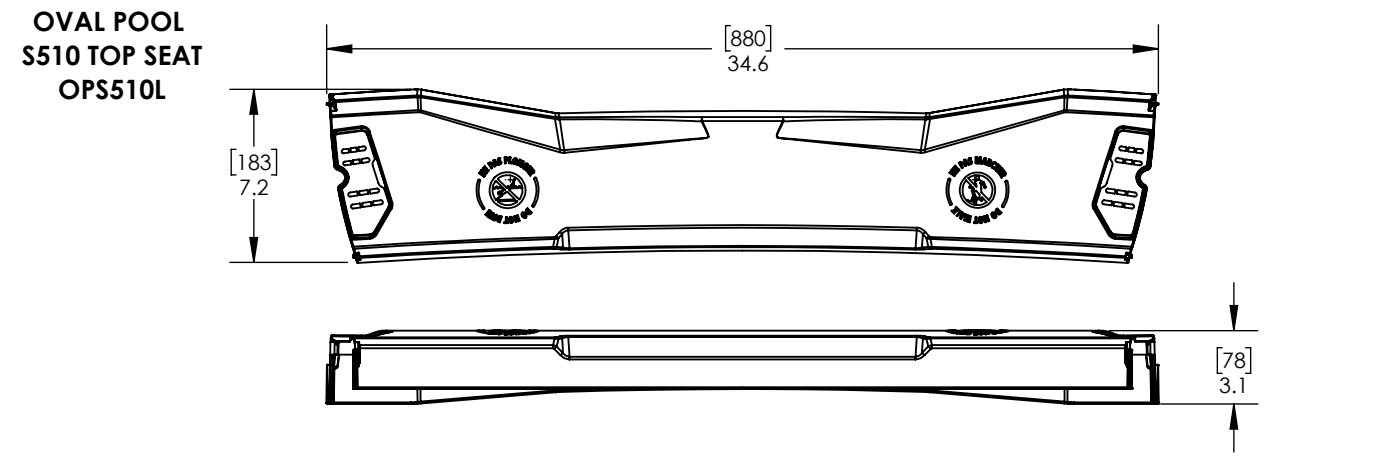
TOLÉRANCE GÉNÉRALE / GENERAL TOLERANCE	
PROCÉDÉ / PROCESS	ASSEMBLY TOLERANCES
DEC. X	± 2.0
.XX	± 1.0
.XXX	± 0.500
ANGLE / N/A	
UNITS:	INCH/[MM]
REF. SCALE	
DROITS D'AUTEUR / COPYRIGHT LE PRÉSENT DOCUMENT ET TOUTES INFORMATIONS AFFÉRENTES SONT LA PROPRIÉTÉ UNIQUE DU GROUPE VIF INC. TOUTE REPRODUCTION EN TOUT OU EN PARTIE EST INTERDITE SANS L'AUTORISATION ÉCRITE DU CLIENT. ALL INFORMATION CONTAINED OR PERTAINING TO THIS DOCUMENT IS THE SOLE PROPERTY OF GROUPE VIF INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN AUTHORIZATION OF THE CLIENT IS FORBIDDEN.	

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PROJET / PROJECT:			
COMPLIANCE TO APSP-4			
DESCRIPTION:			
SUNLAB S510 SERIES OVAL POOL 52"-54"			
NO. PIÈCE / PART NO:		VOLUME:	
N/A		N/A	
MATÉRIAU / MATERIAL:		POIDS EST. / EST. WEIGHT:	
N/A		N/A	
NUMÉRO DE MOULE / MOLD NUMBER		REV:0	
N/A		N/A	
DESS. PAR / DRAWN BY: BLAMBERT		DATE: 2025-10-14	
APP. PAR / APP. BY: SEE PAGE 11		DATE: SEE PAGE 11	
DWG SIZE	B	ECHELLE / SCALE:	PAGE / SHEET
		NOT TO SCALE	2 OF 12

STRAIGHT SECTION PLASTIC PARTS S510 SERIES



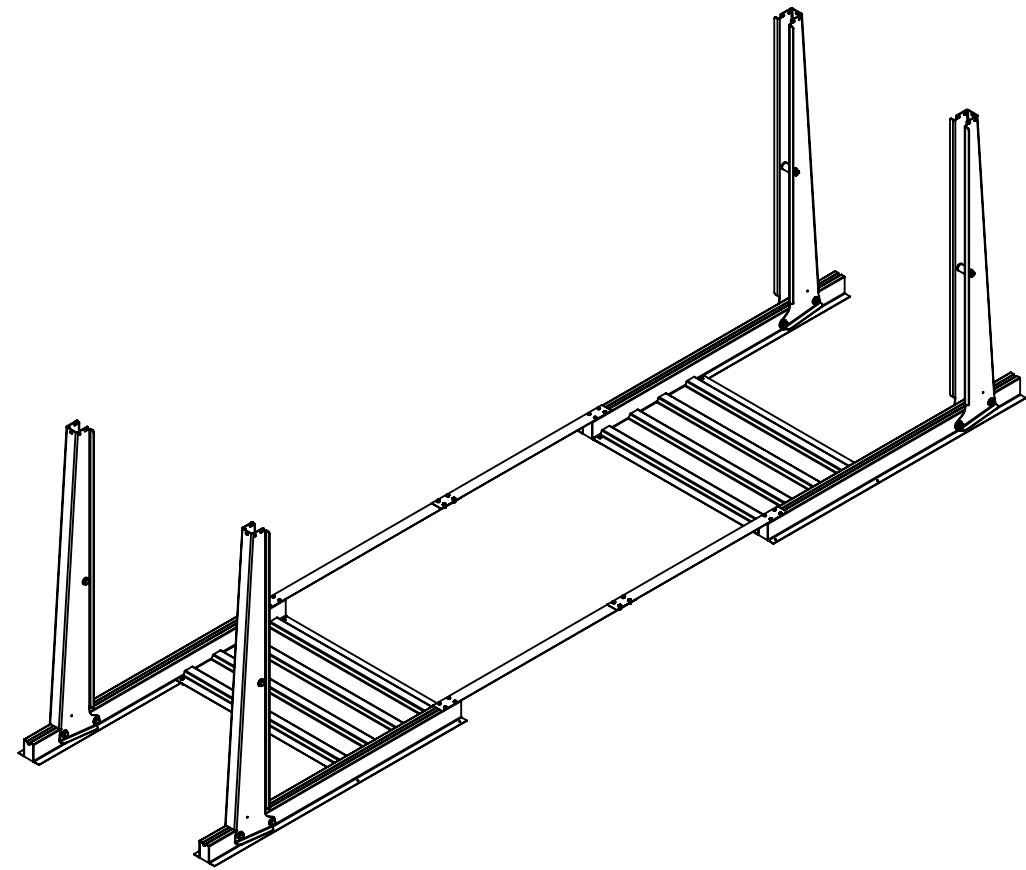
ACRONYM	SIGNIFICATION
OPZPB	OVAL POOL MULTI SERIES BOTTOM PLATE
OPZPT	OVAL POOL MULTI SERIES TOP PLATE
OPZR	OVAL POOL MULTI SERIES STRAIGHT RAIL TOP/BOTTOM
OPS510L	OVAL POOL S510 SERIES TOP SEAT
PS510CF	POOL S510 COVER FRONT
PS510CB	POOL S510 COVER REAR
PS510CC	POOL S510 COVER CAP
OPZU52	OVAL POOL MULTI SERIES POST COVER 52"
OPZU54	OVAL POOL MULTI SERIES POST COVER 54"



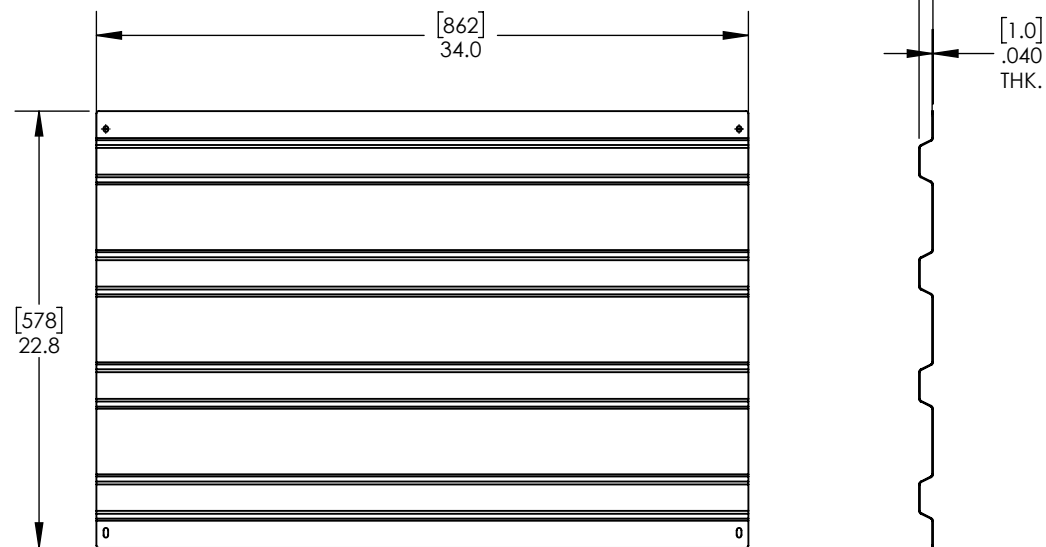
TOLÉRANCE GÉNÉRALE / GENERAL TOLERANCE	
PROCÉDÉ / PROCESS	ASSEMBLY TOLERANCES
DEC. X	± 2.0
.XX	± 1.0
.XXX	± 0.500
ANGLE / N/A	
UNITS: INCH[MM]	
REF. SCALE	
DROITS D'AUTEUR / COPYRIGHT	
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PROJET / PROJECT: COMPLIANCE TO APSP-4			
DESCRIPTION: SUNLAB S510 SERIES OVAL POOL 52"-54"			
NO. PIÈCE / PART NO: N/A		VOLUME: N/A	
MATÉRIAU / MATERIAL: N/A		POIDS EST. / EST. WEIGHT: N/A	
NUMÉRO DE MOULE / MOLD NUMBER: N/A		REV:0	
DESS. PAR / DRAWN BY: BLAMBERT		DATE: 2025-10-14	
APP. PAR / APP. BY: SEE PAGE 11		DATE: SEE PAGE 11	
DWG SIZE: B	ECHELLE / SCALE: NOT TO SCALE	PAGE / SHEET: 3 OF 12	

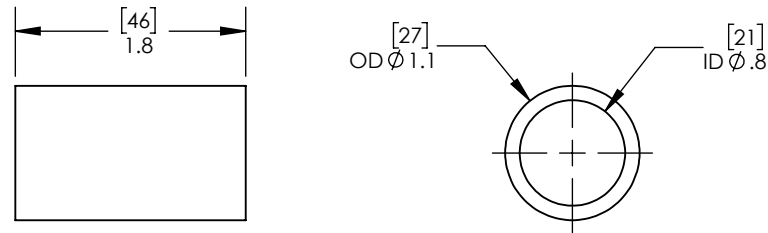
STRAIGHT SECTION METAL PARTS OVAL POOLS



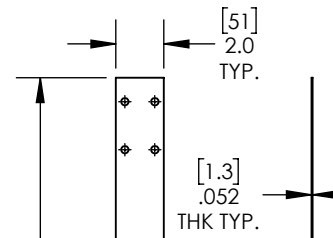
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(46025003)**



**SLEEVE
(46025010)**

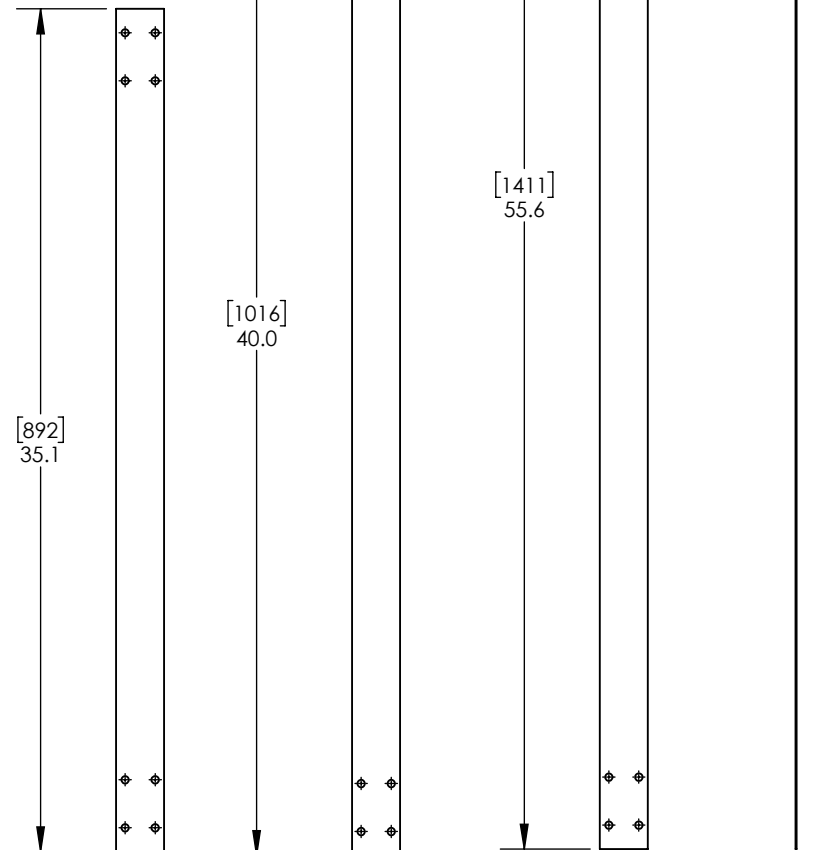


**TIE STRAP 55"
(46025005)**

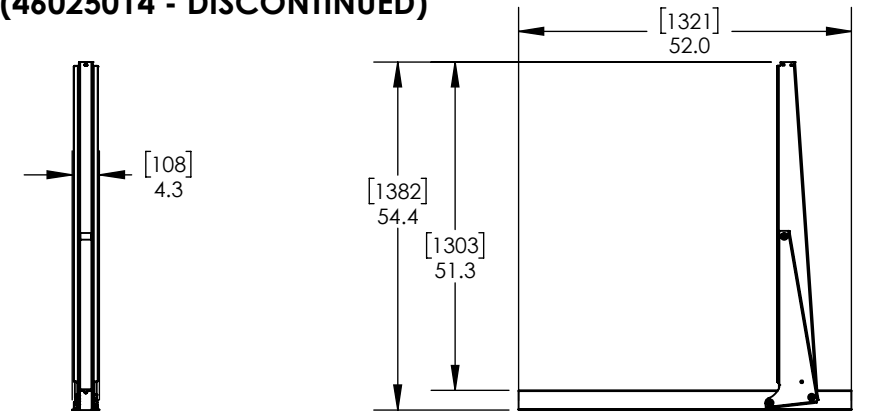


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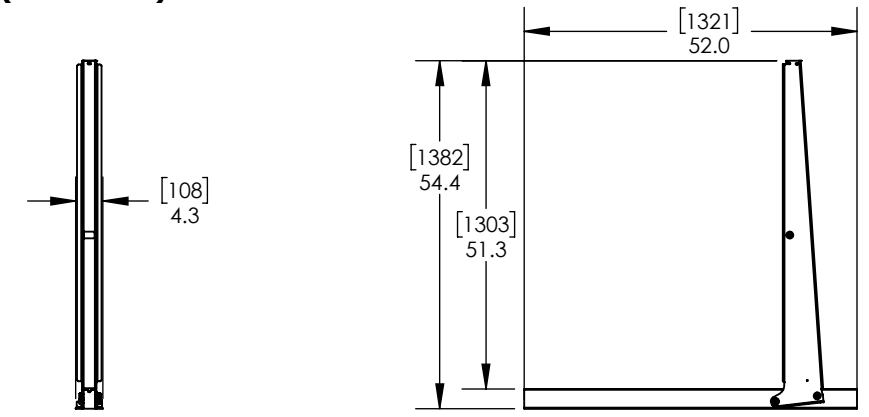
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(46025007)**



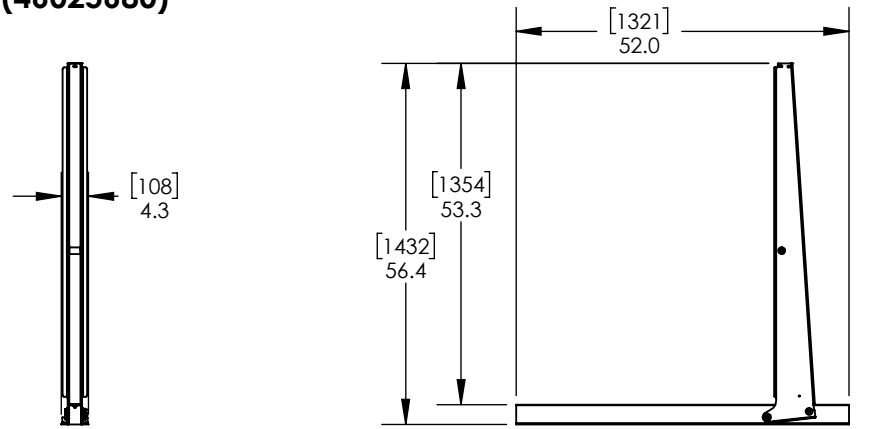
**REINFORCED SQUARE ASSEMBLY 52" (SEE PAGES 5 & 10 FOR DETAILS)
(46025014 - DISCONTINUED)**



**STANDALONE SQUARE ASSEMBLY 52" (SEE PAGES 5 & 10 FOR DETAILS)
(46025035)**



**STANDALONE SQUARE ASSEMBLY 54" (SEE PAGES 5 & 10 FOR DETAILS)
(46025680)**



TOLÉRANCE GÉNÉRALE / GENERAL TOLERANCE	
PROCÉDÉ / PROCESS	ASSEMBLY TOLERANCES
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.XX	± 1.0
.XXX	± 0.500

ANGLE	N/A
UNITS:	INCH[MM]
REF. SCALE	

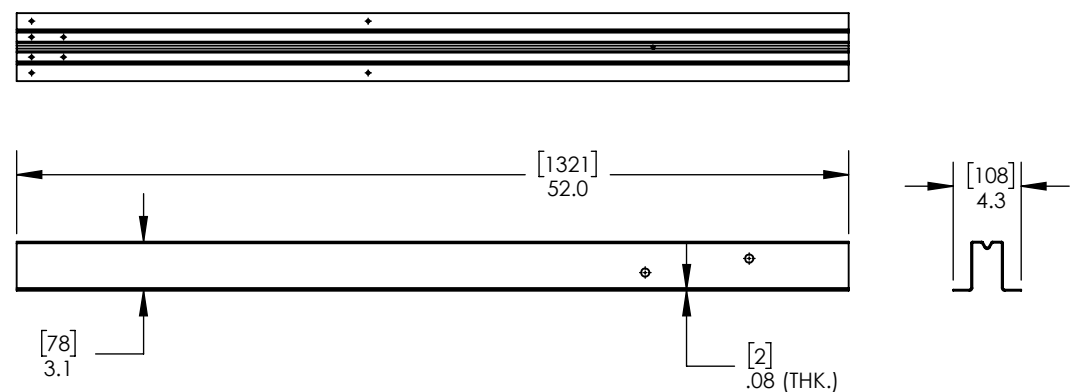
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PROJET / PROJECT: COMPLIANCE TO APSP-4			
DESCRIPTION: SUNLAB S510 SERIES OVAL POOL 52"-54"			
NO. PIÈCE / PART NO: N/A		VOLUME: N/A	
MATÉRIAU / MATERIAL: N/A		POIDS EST. / EST. WEIGHT: N/A	
NUMÉRO DE MOULE / MOLD NUMBER N/A		REV:0	
DESS. PAR / DRAWN BY: BLAMBERT		DATE: 2025-10-14	
APP. PAR / APP. BY: SEE PAGE 11		DATE: SEE PAGE 11	
DWG SIZE	B	ECHELLE / SCALE:	PAGE / SHEET
		NOT TO SCALE	4 OF 12

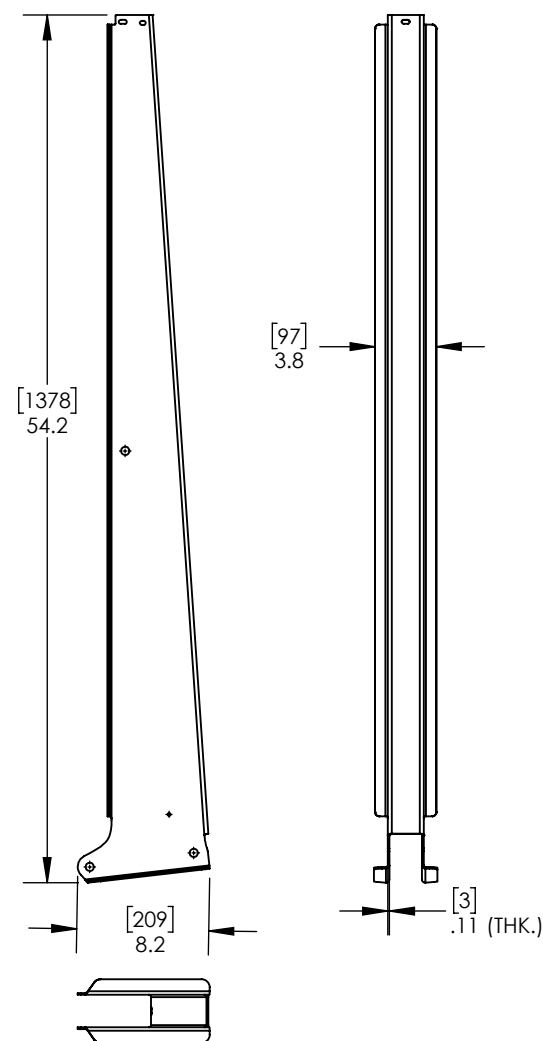
SQUARE ASSEMBLY CONFIGURATIONS PARTS

STANDALONE SQUARE ASSEMBLY CONFIGURATION PARTS (52" = P/N: 46025035 / 54" = P/N: 46025680)

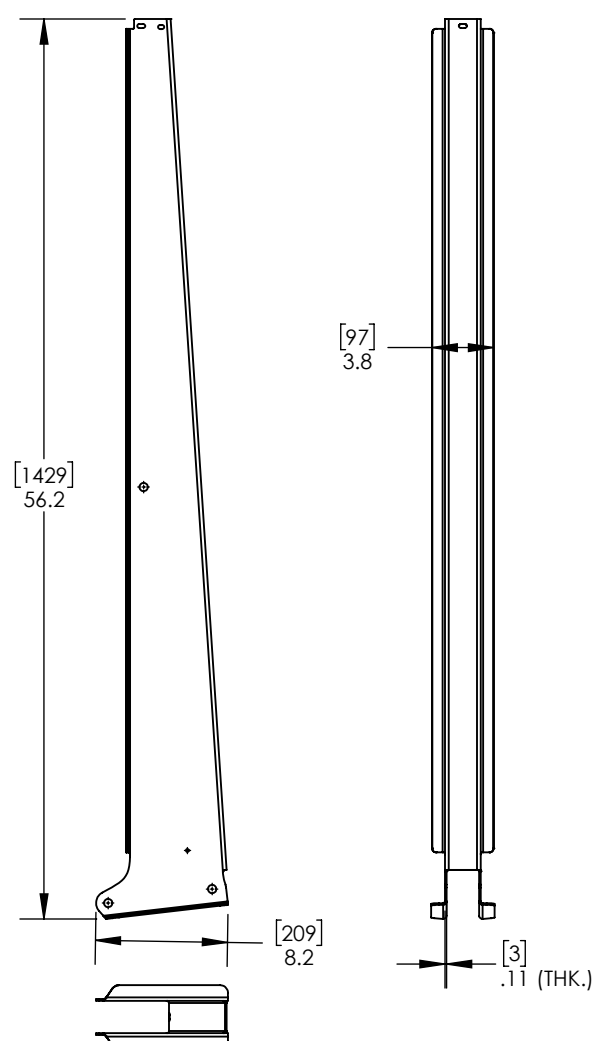
FOOTBEAM STANDALONE (46025030)



BUTTRESS FREE POST STANDALONE 52" (46025031)

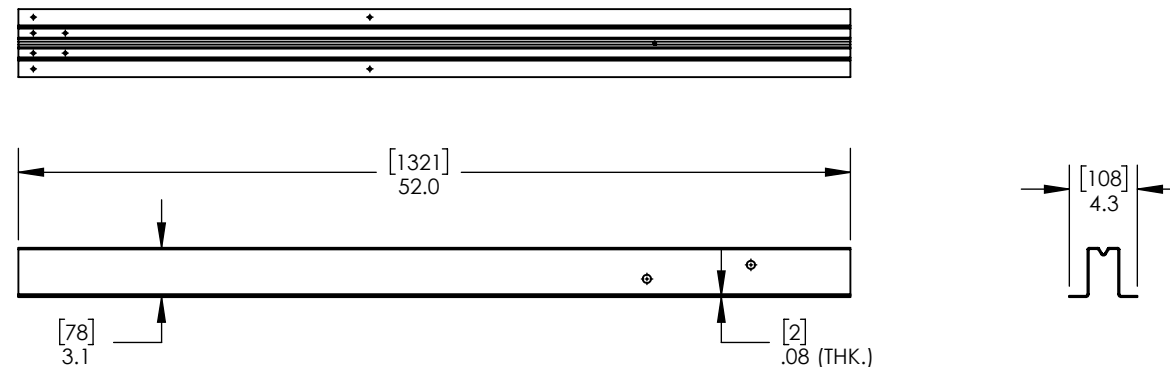


BUTTRESS FREE POST STANDALONE 54" (46025600)

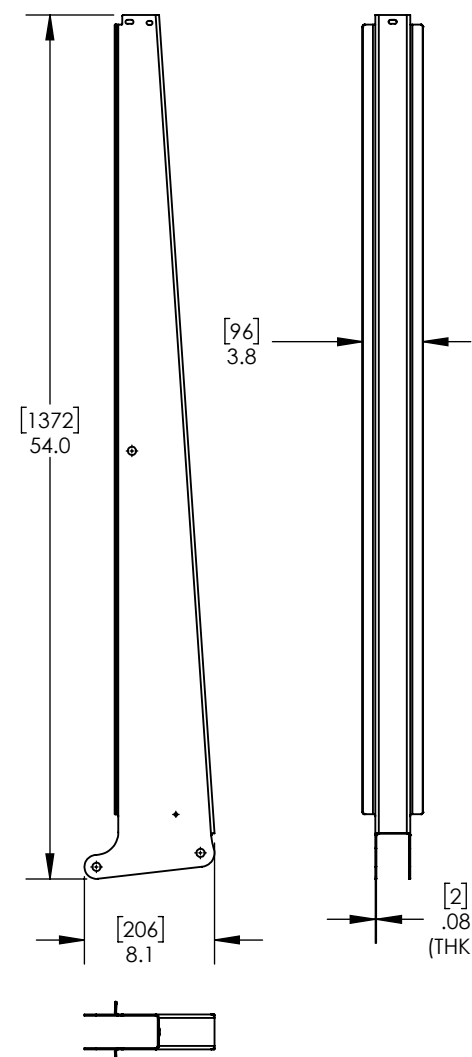


REINFORCED SQUARE ASSEMBLY CONFIGURATION PARTS (DISCONTINUED-46025014)

FOOTBEAM (DISCONTINUED - 46025008)

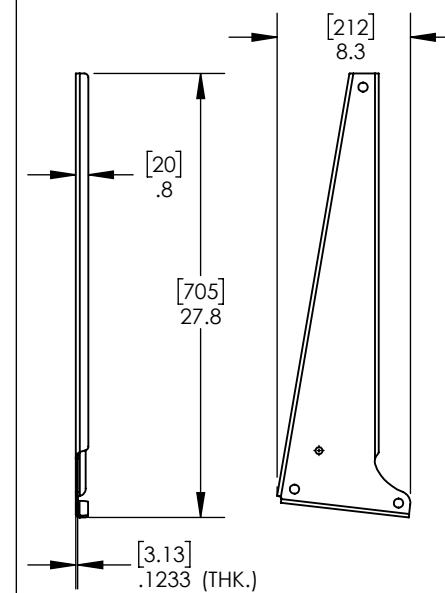


BUTTRESS FREE POST 52" (DISCONTINUED - 46025009)

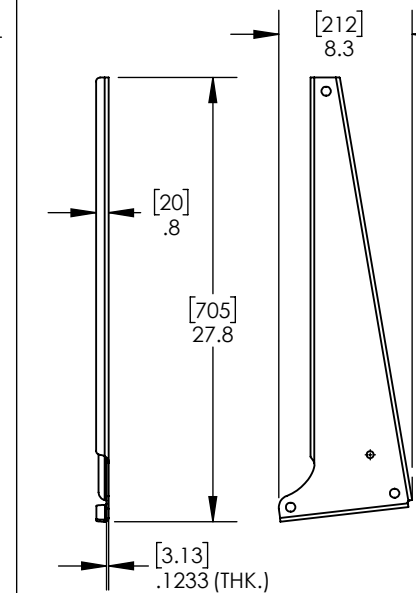


46025025 (LEFT AND RIGHT REINFORCEMENT KIT)

REINFORCEMENT PLATE RIGHT (DISCONTINUED - 46025020)



REINFORCEMENT PLATE LEFT (DISCONTINUED - 46025023)



TOLÉRANCE GÉNÉRALE / GENERAL TOLERANCE	
PROCÉDÉ / PROCESS	ASSEMBLY TOLERANCES
DEC. X	± 2.0
.XX	± 1.0
.XXX	± 0.500

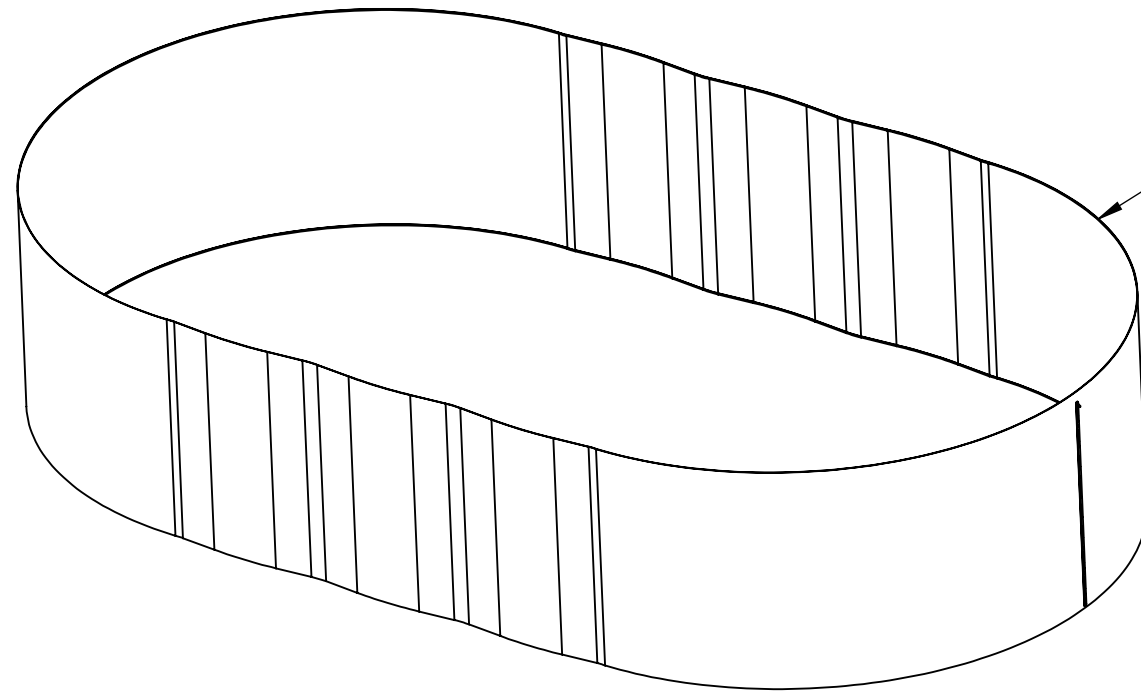
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REF. SCALE	0 10 20 30 mm

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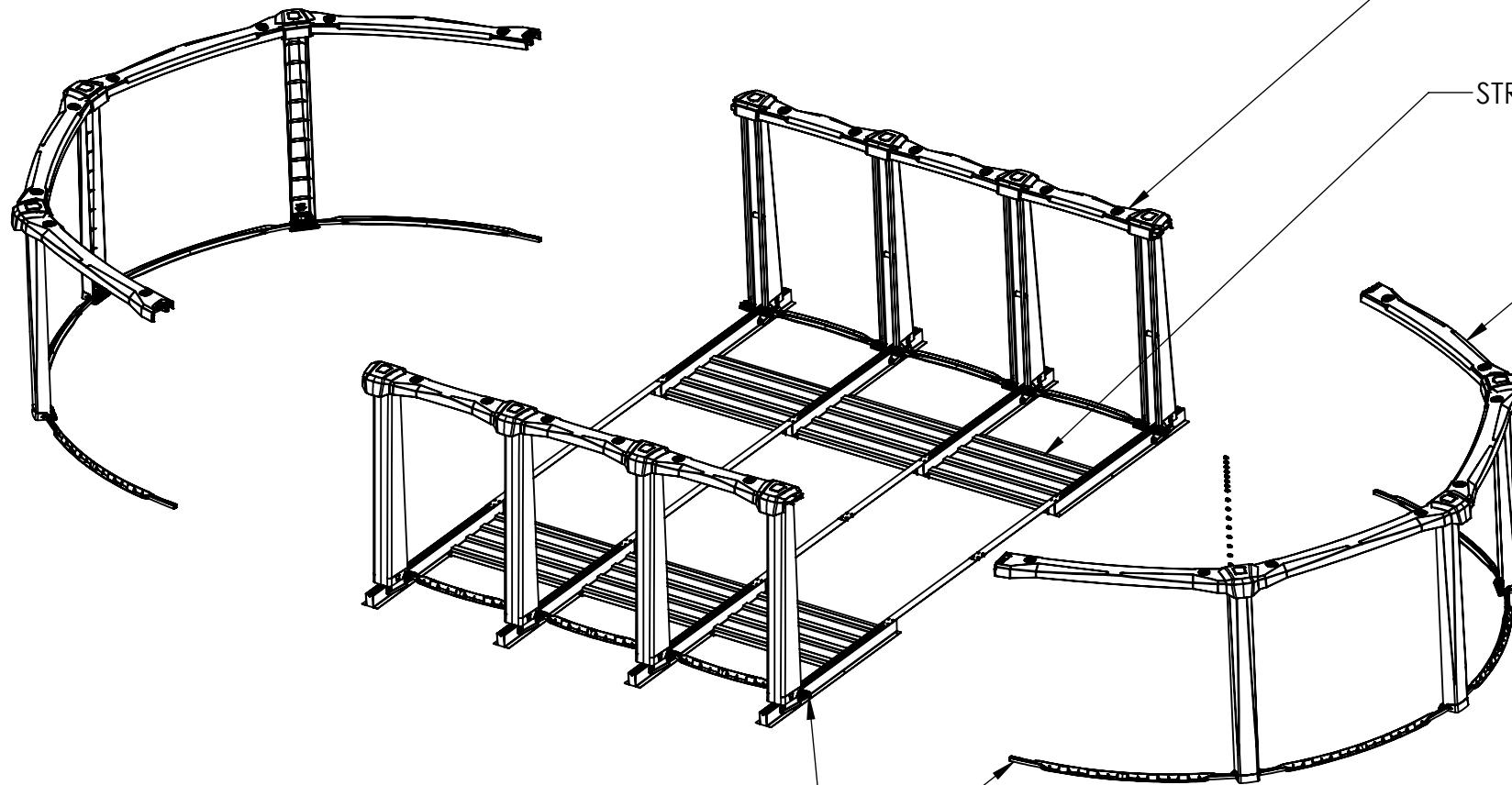
		4000 Boul. Casavant Ouest, Saint-Hyacinthe, (Quebec) Quebec, Canada, J2S 9E3 T(450) 774-6953 F (450) 774-4970	
PROJÉT / PROJECT: COMPLIANCE TO APSP-4			
DESCRIPTION: SUNLAB S510 SERIES OVAL POOL 52"-54"			
NO. PIÈCE / PARTNO: N/A		VOLUME: N/A	
MATÉRIAU / MATERIAL: N/A		POIDS EST. / EST. WEIGHT: N/A	
NUMÉRO DE MOULE / MOLD NUMBER: N/A		REV: 0	
DESS. PAR / DRAWN BY: BLAMBERT		DATE: 2025-10-14	
APP. PAR / APP. BY: SEE PAGE 11		DATE: SEE PAGE 11	
DWG SIZE: B	ECHELLE / SCALE: NOT TO SCALE	PAGE / SHEET: 5 OF 12	

8 7 6 5 4 3 2 1

OVAL POOL SECTIONS (SEE BOM TABLES PAGE 11-12)



POOL WALL, BRACKETS, BOLTS & NUTS (PAGE 9)



STRAIGHT SECTION PLASTIC PARTS ASSEMBLY (PAGE 8)

STRAIGHT SECTION METAL PARTS ASSEMBLY (PAGE 7)

ROUND SECTION (PAGE 9)

ROUND SECTION RAIL INSERTS
IN STRAIGHT SECTION FOOT

TYPICAL 12X21 POOL SHOWN

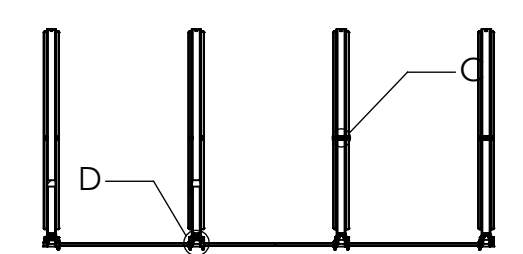
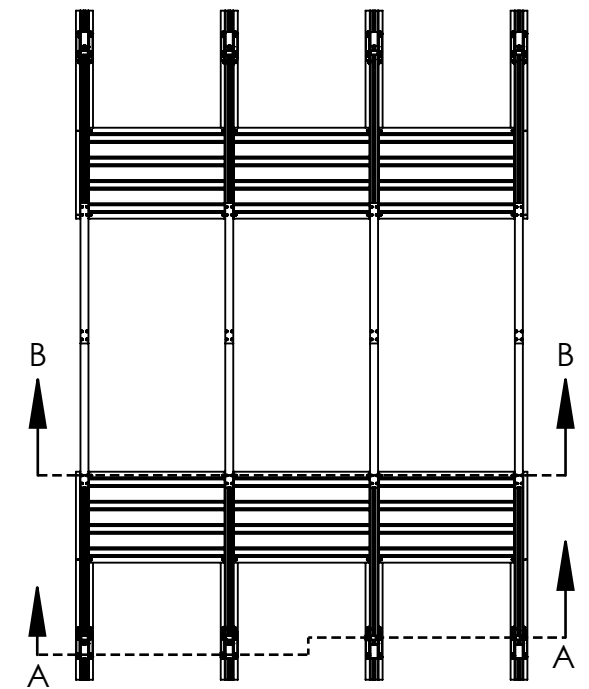
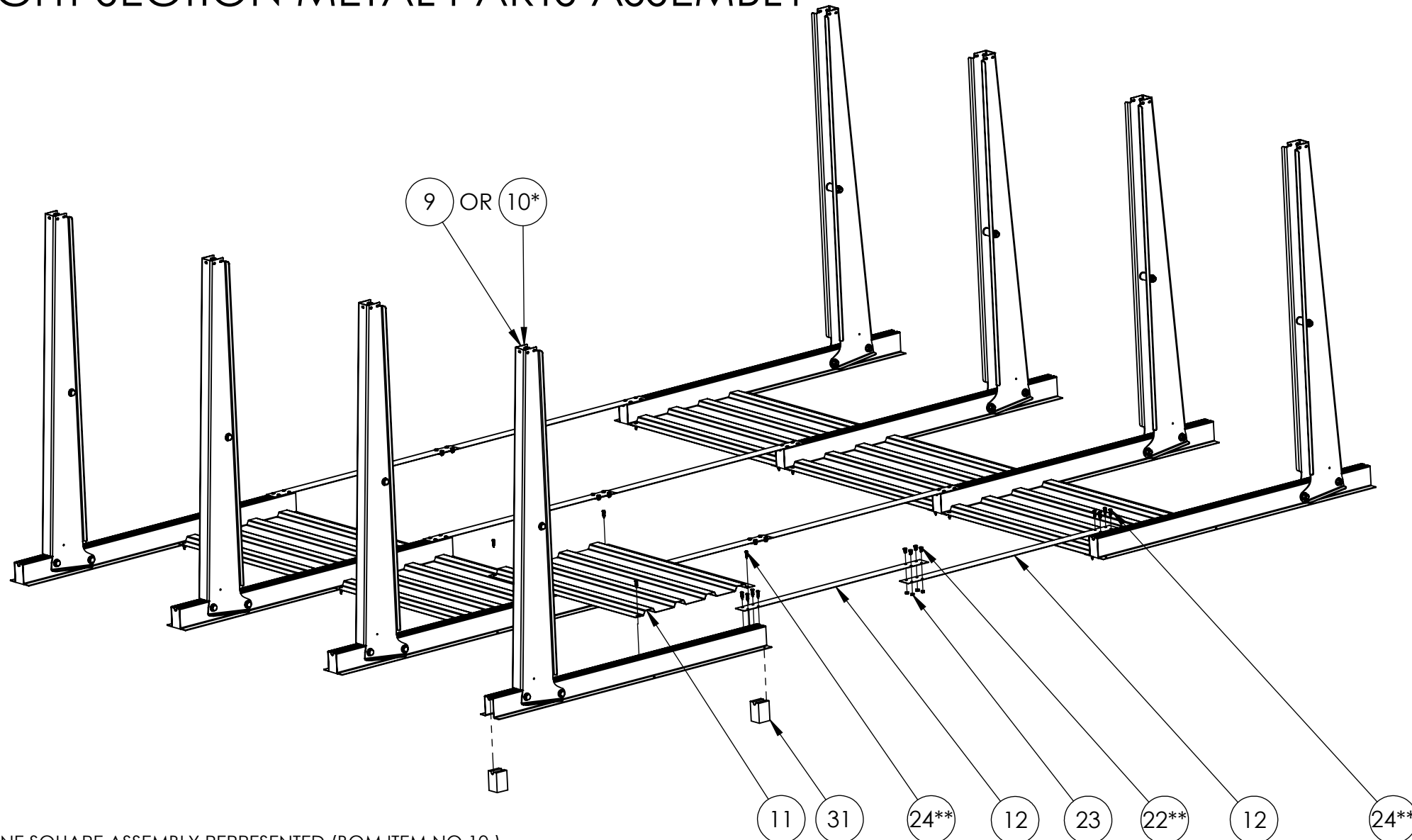
TOLÉRANCE GÉNÉRALE / GENERAL TOLERANCE	
PROCÉDÉ / PROCESS	ASSEMBLY TOLERANCES
DEC. X	± 2.0
.XX	± 1.0
.XXX	± 0.500

ANGLE	N/A
UNITS:	INCH[MM]
REF. SCALE	0 10 20 30 mm

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PROJET / PROJECT:	COMPLIANCE TO APSP-4	
DESCRIPTION:	SUNLAB S510 SERIES OVAL POOL 52"-54"	
NO. PIÈCE / PART NO:	N/A	VOLUME: N/A
MATÉRIAU / MATERIAL:	N/A	POIDS EST. / EST. WEIGHT: N/A
NUMÉRO DE MOULE / MOLD NUMBER	N/A	REV:0
DESS. PAR / DRAWN BY: BLAMBERT	DATE: 2025-10-14	
APP. PAR / APP. BY: SEE PAGE 11	DATE: SEE PAGE 11	
DWG SIZE B	ECHELLE / SCALE: NOT TO SCALE	PAGE / SHEET 6 OF 12

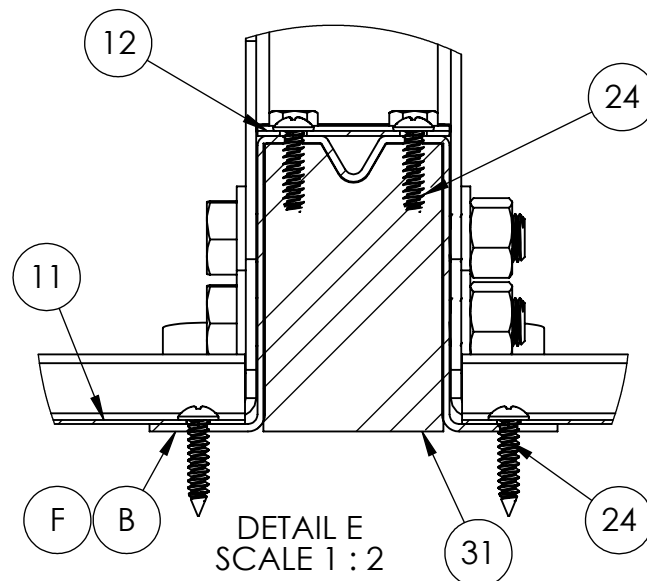
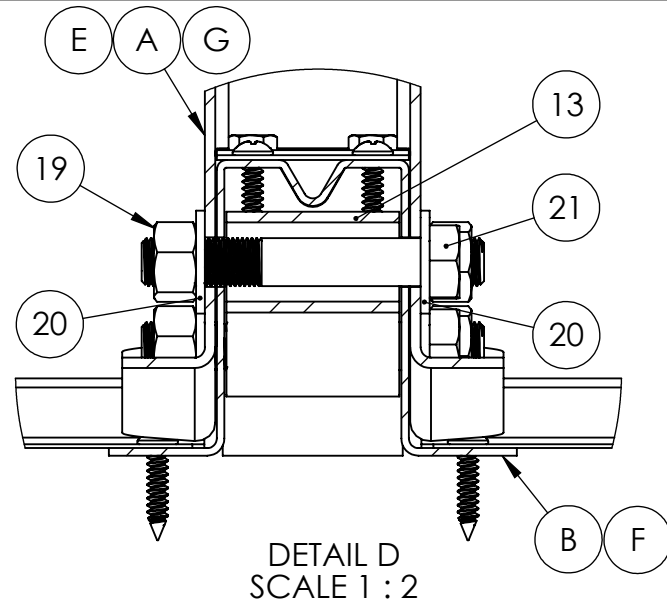
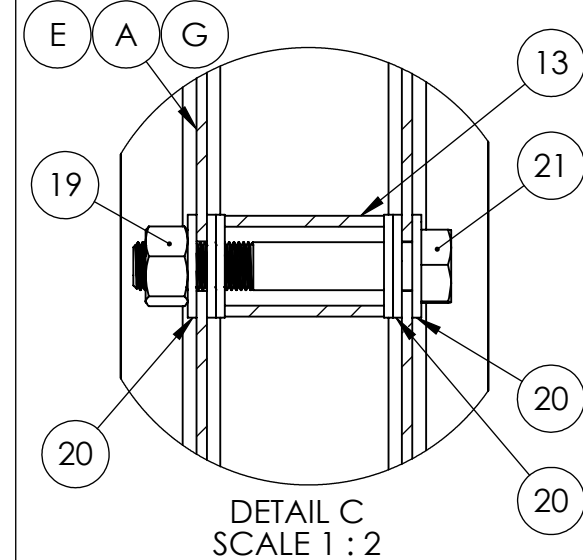
STRAIGHT SECTION METAL PARTS ASSEMBLY



* STANDALONE SQUARE ASSEMBLY REPRESENTED (BOM ITEM NO.10.)
(REFER TO PAGE 5 & 10 FOR SQUARE ASSEMBLIES CONFIGURATIONS)

** HARDWARE TORQUES IS SPECIFIED IN REPORT: "2001453-01-1_G_STRUCTURAL-ANALYSIS-ON-OVAL-AND-ROUND-POOLS.pdf"

HARDWARE ASSEMBLY DETAILS



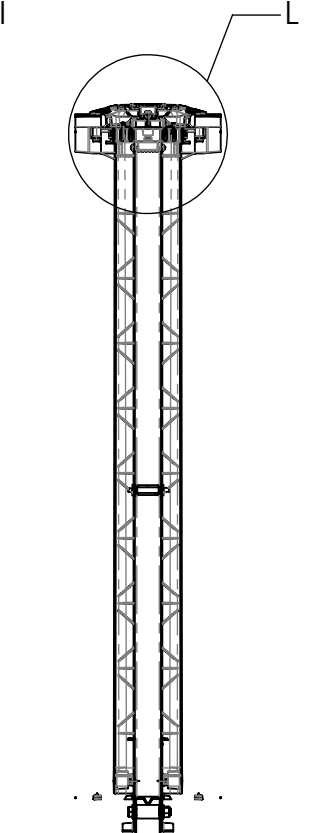
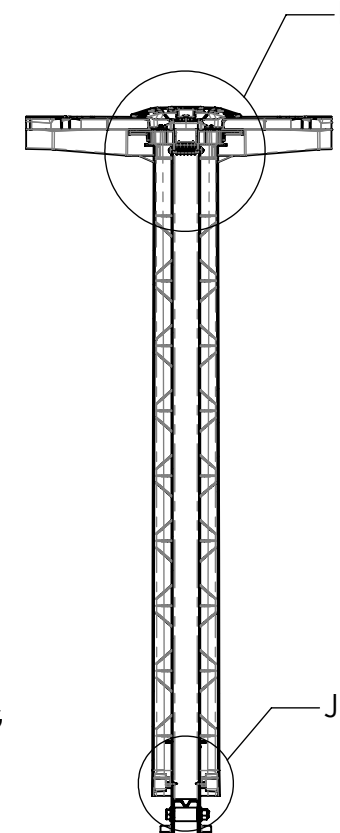
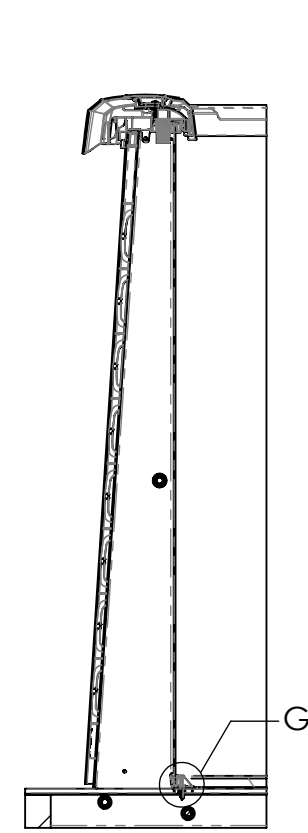
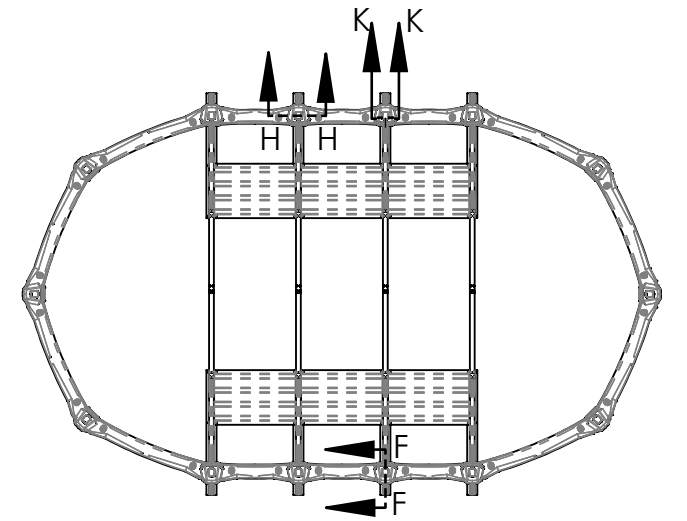
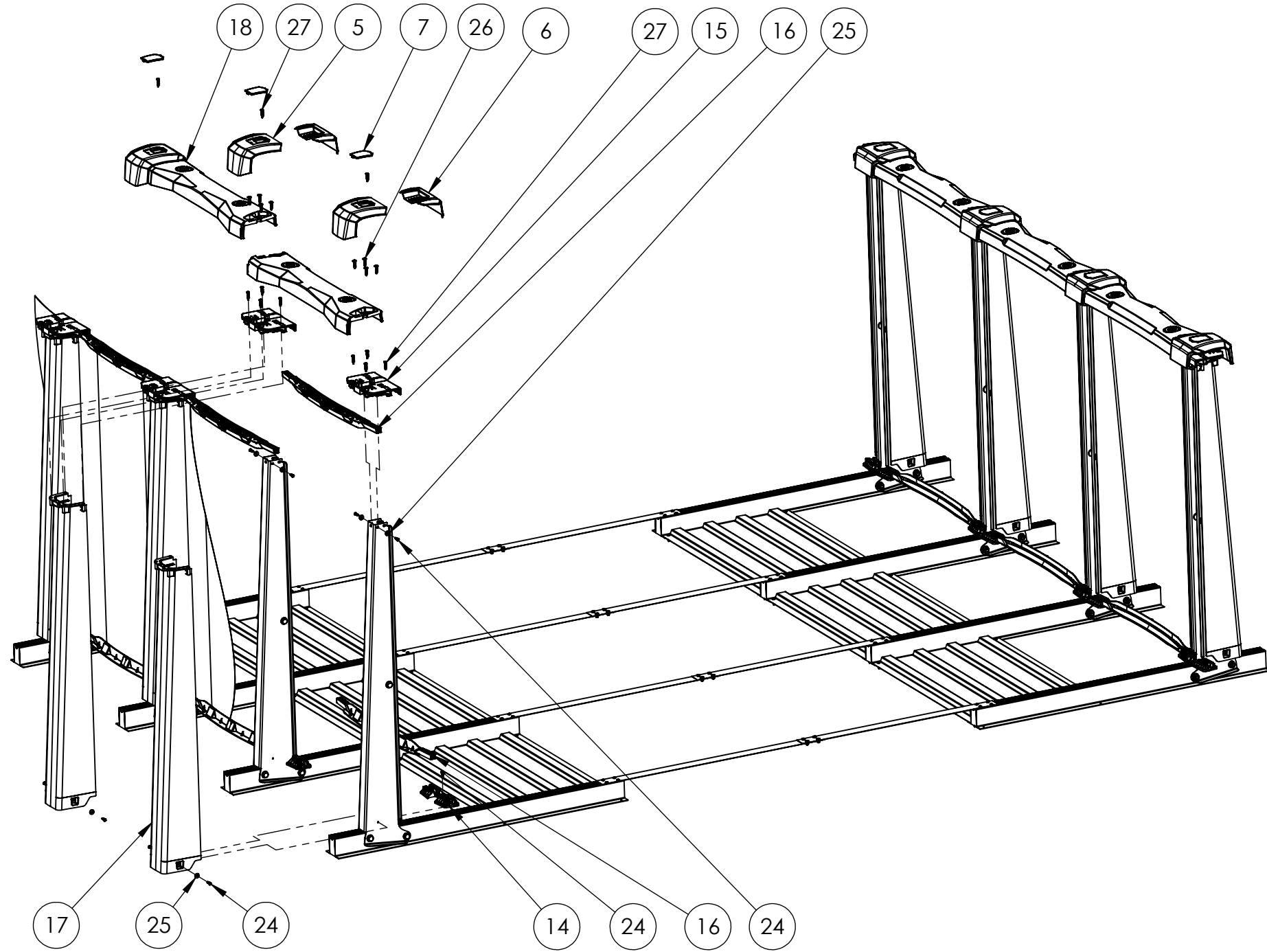
TOLÉRANCE GÉNÉRALE / GENERAL TOLERANCE	
PROCÉDÉ / PROCESS	ASSEMBLY TOLERANCES
DEC. X	± 2.0
.XX	± 1.0
.XXX	± 0.500

ANGLE	N/A
UNITS:	INCH[MM]
REF. SCALE	

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		4000 Boul. Casavant Ouest, Saint-Hyacinthe, (Quebec) Quebec, Canada, J2S 9E3 T (450) 774-6953 F (450) 774-4970	
PROJET / PROJECT:			
COMPLIANCE TO APSP-4			
DESCRIPTION:			
SUNLAB S510 SERIES OVAL POOL 52"-54"			
NO. PIÈCE / PART NO:		VOLUME:	
N/A		N/A	
MATÉRIAU / MATERIAL:		POIDS EST. / EST. WEIGHT:	
N/A		N/A	
NUMÉRO DE MOULE / MOLD NUMBER		REV:0	
N/A		N/A	
DESS. PAR / DRAWN BY: BLAMBERT		DATE: 2025-10-14	
APP. PAR / APP. BY: SEE PAGE 11		DATE: SEE PAGE 11	
DWG SIZE	B	ECHELLE / SCALE:	PAGE / SHEET
		NOT TO SCALE	7 OF 12

STRAIGHT SECTION S510 SERIES PLASTIC PARTS ASSEMBLY

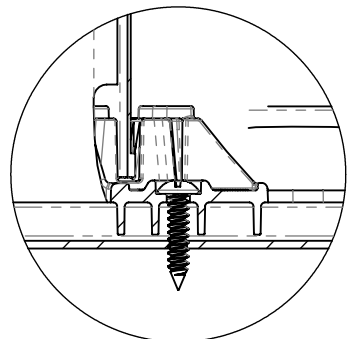


SECTION F-F
SCALE 1 : 15

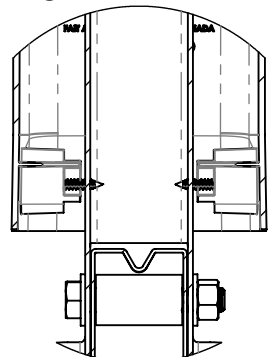
SECTION H-H
SCALE 1 : 15

SECTION K-K
SCALE 1 : 15

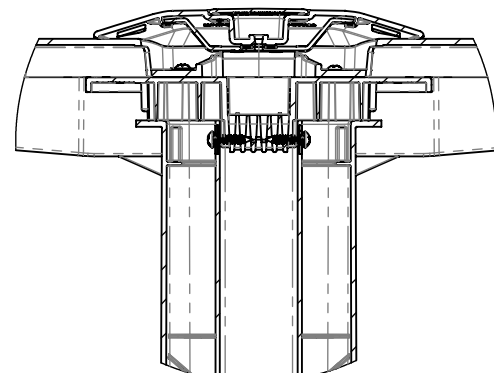
HARDWARE ASSEMBLY DETAILS



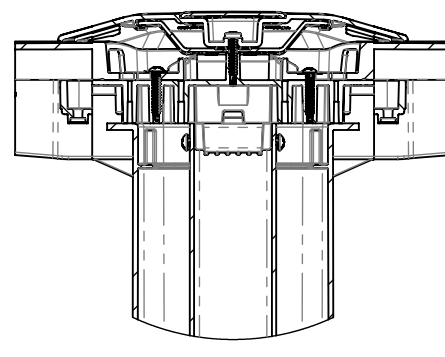
DETAIL G
SCALE 1 : 2



DETAIL J
SCALE 1 : 4



DETAIL I
SCALE 1 : 5



DETAIL L
SCALE 1 : 5

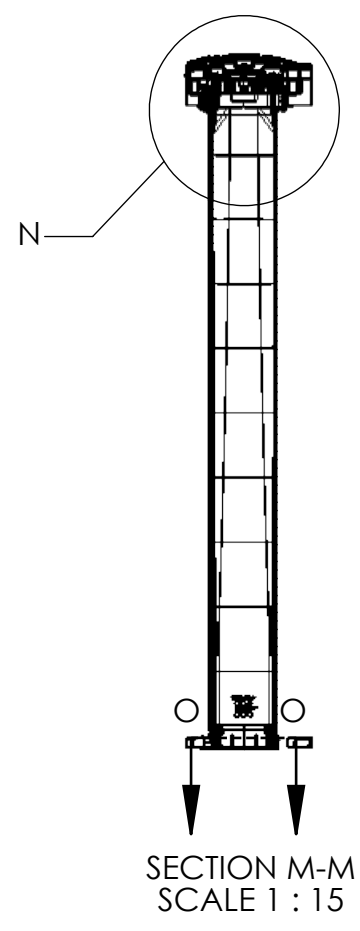
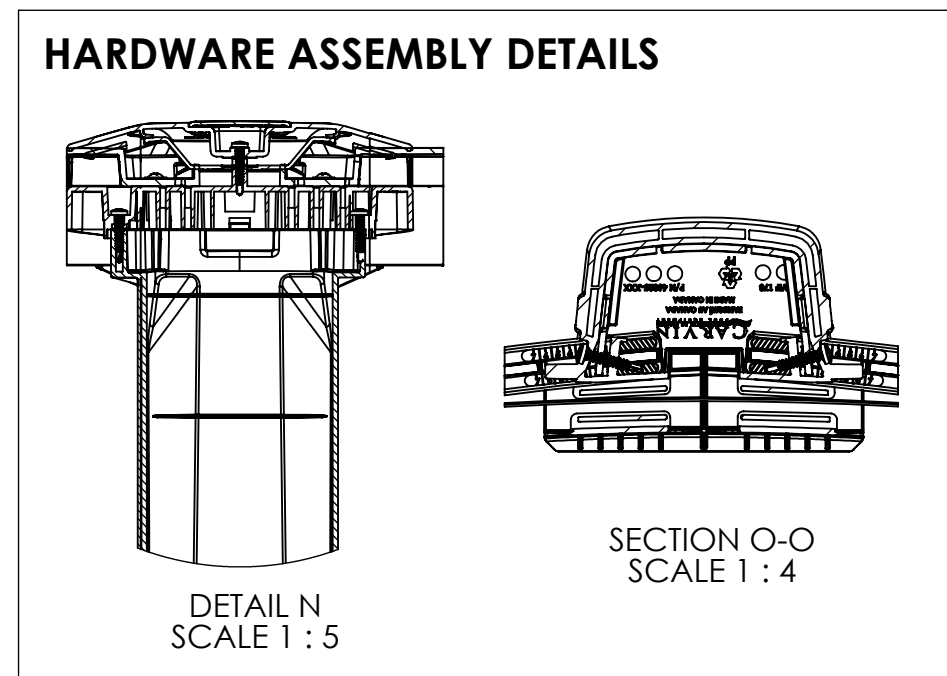
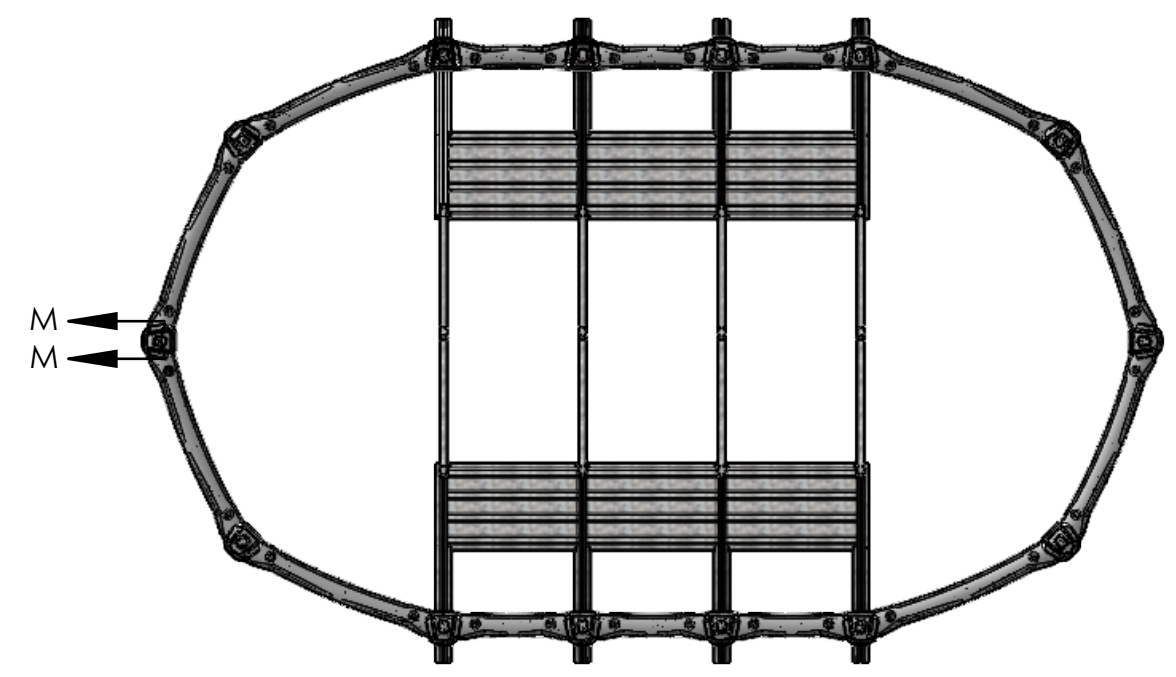
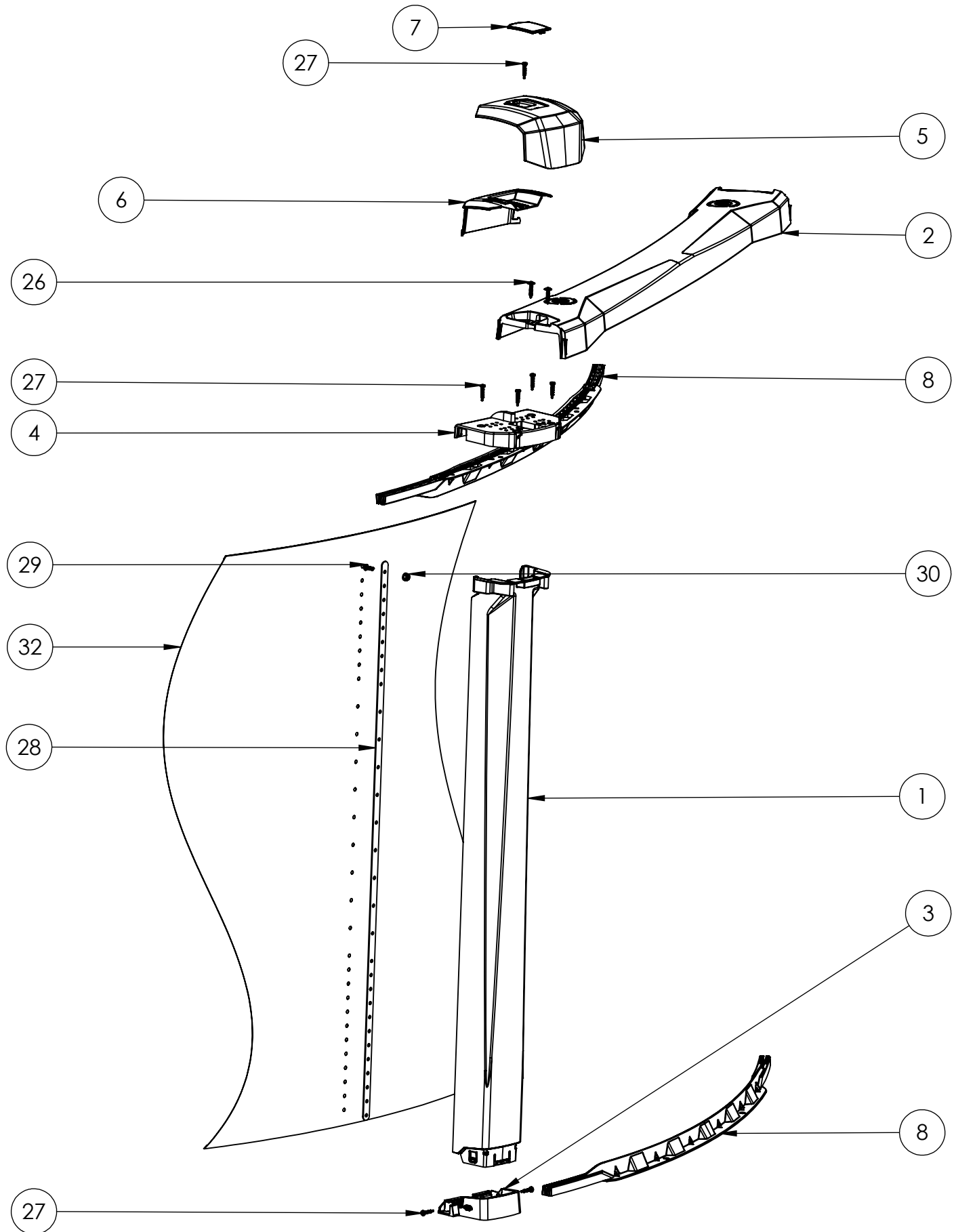
TOLÉRANCE GÉNÉRALE / GENERAL TOLERANCE	
PROCÉDÉ / PROCESS	ASSEMBLY TOLERANCES
DEC. X	± 2.0
.XX	± 1.0
.XXX	± 0.500

ANGLE / N/A	UNITS: INCH [MM]
REF. SCALE	

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PROJET / PROJECT: COMPLIANCE TO APSP-4			
DESCRIPTION: SUNLAB S510 SERIES OVAL POOL 52"-54"			
NO. PIÈCE / PART NO: N/A	VOLUME: N/A		
MATÉRIAU / MATERIAL: N/A	POIDS EST. / EST. WEIGHT: N/A		
NUMÉRO DE MOULE / MOLD NUMBER N/A		REV:0	
DESS. PAR / DRAWN BY: BLAMBERT		DATE: 2025-10-14	
APP. PAR / APP. BY: SEE PAGE 11		DATE: SEE PAGE 11	
DWG SIZE B	ECHELLE / SCALE NOT TO SCALE	PAGE / SHEET 8 OF 12	

ROUND SECTION S510 SERIES PLASTIC PARTS ASSEMBLY

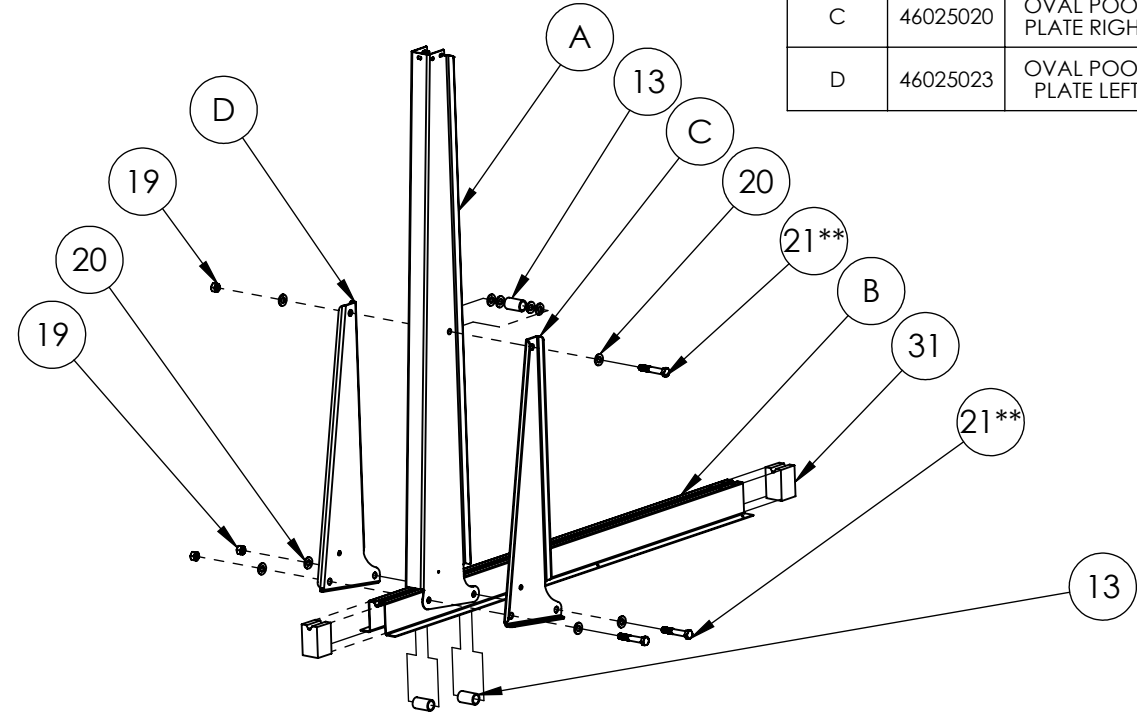


TOLÉRANCE GÉNÉRALE / GENERAL TOLERANCE	
PROCÉDÉ / PROCESS	ASSEMBLY TOLERANCES
DEC. X	± 2.0
.XX	± 1.0
.XXX	± 0.500
ANGLE: N/A	
UNITS:	INCH [MM]
REF. SCALE	
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PROJET / PROJECT:			
COMPLIANCE TO APSP-4			
DESCRIPTION:			
SUNLAB S510 SERIES OVAL POOL 52"-54"			
NO. PIÈCE / PART NO:		VOLUME:	
N/A		N/A	
MATÉRIAU / MATERIAL:		POIDS EST. / EST. WEIGHT:	
N/A		N/A	
NUMÉRO DE MOULE / MOLD NUMBER		REV:0	
N/A		N/A	
DESS. PAR / DRAWN BY: BLAMBERT		DATE: 2025-10-14	
APP. PAR / APP. BY: SEE PAGE 11		DATE: SEE PAGE 11	
DWG SIZE	B	ECHELLE / SCALE:	PAGE / SHEET
		NOT TO SCALE	9 OF 12

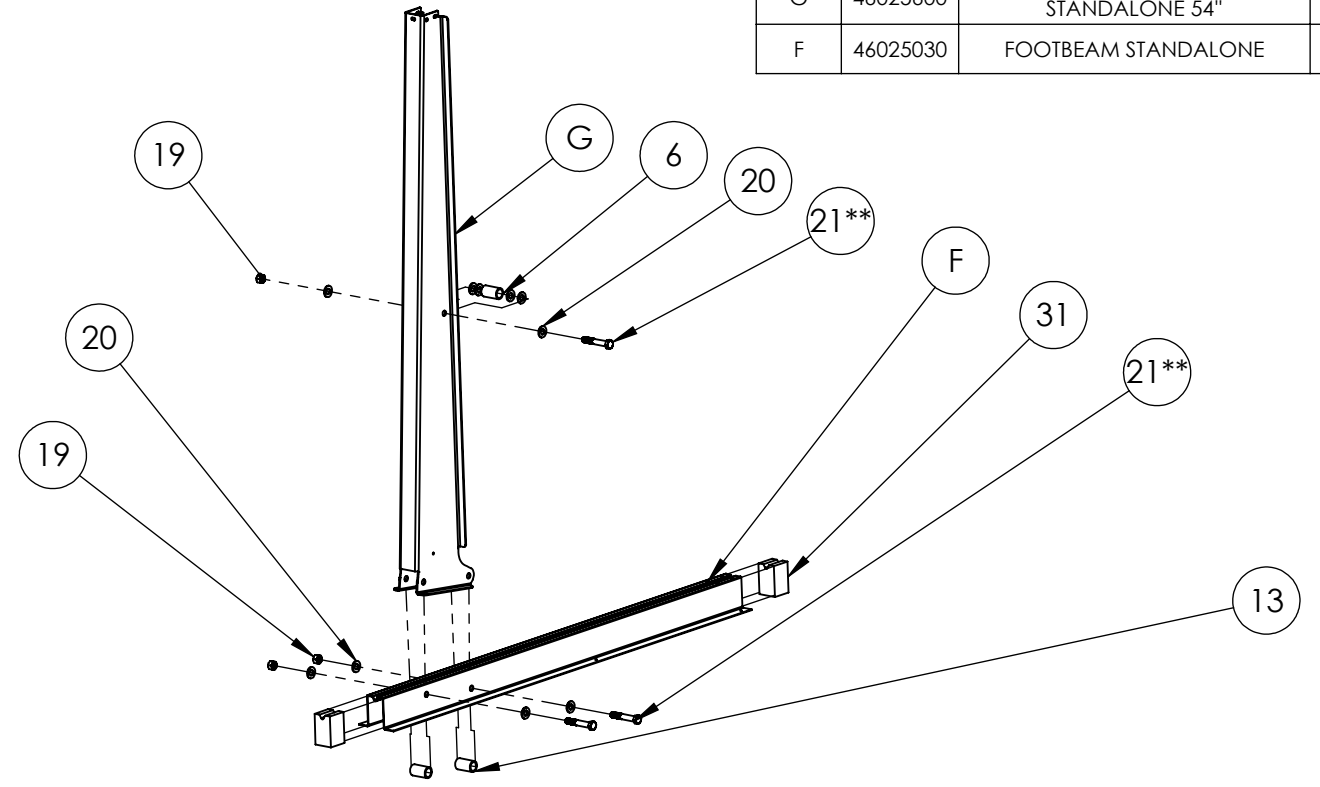
REINFORCED SQUARE ASSEMBLY
(DISCONTINUED - 46025014)

ITEM #	PART #	DESCRIPTION	QTY
A	46025009	BUTTRESS FREE POST (DISCONTINUED)	1
B	46025008	FOOTBEAM (DISCONTINUED)	1
C	46025020	OVAL POOL REINFORCEMENT PLATE RIGHT (DISCONTINUED)	1
D	46025023	OVAL POOL REINFORCEMENT PLATE LEFT (DISCONTINUED)	1



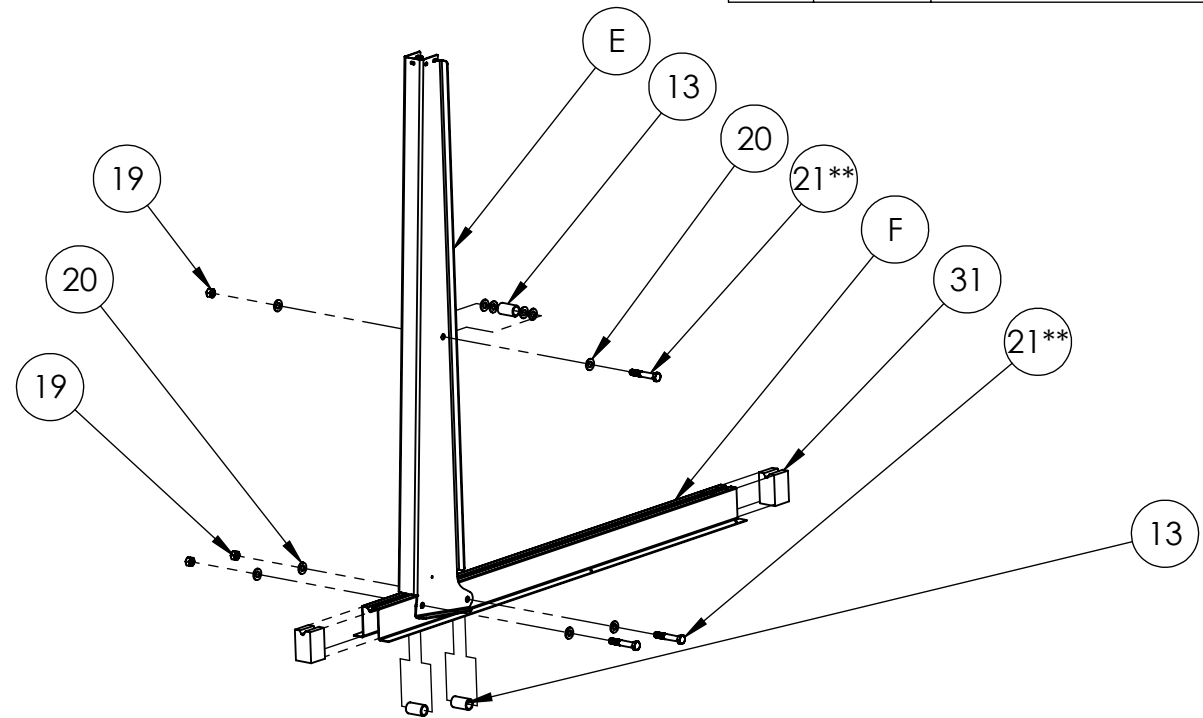
STANDALONE SQUARE ASSEMBLY 54"
(46025680)

ITEM #	PART #	DESCRIPTION	QTY.
G	46025600	OVAL BUTTRESS FREE POST STANDALONE 54"	1
F	46025030	FOOTBEAM STANDALONE	1



STANDALONE SQUARE ASSEMBLY 52"
(46025035)

ITEM #	PART #	DESCRIPTION	QTY
E	46025031	BUTTRESS FREE POST STANDALONE 52"	1
F	46025030	FOOTBEAM STANDALONE	1



** HARDWARE TORQUES IS SPECIFIED IN REPORT:
"2001453-01-1_G_STRUCTURAL-ANALYSIS-ON-OVAL-AND-ROUND-POOLS.pdf"

TOLÉRANCE GÉNÉRALE / GENERAL TOLERANCE	
PROCÉDÉ / PROCESS	ASSEMBLY TOLERANCES
DEC. X	± 2.0
.XX	± 1.0
.XXX	± 0.500
ANGLE	N/A
UNITS:	INCH[MM]
REF. SCALE	


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SUNLab		4000 Boul. Casavant Ouest, Saint-Hyacinthe, (Quebec) Quebec, Canada, J2S 9E3 T(450) 774-6953 F (450) 774-4970	
PROJET / PROJECT: COMPLIANCE TO APSP-4			
DESCRIPTION: SUNLAB S510 SERIES OVAL POOL 52"-54"			
NO. PIÈCE / PARTNO: N/A		VOLUME: N/A	
MATÉRIAU / MATERIAL: N/A		POIDS EST. / EST. WEIGHT: N/A	
NUMÉRO DE MOULE / MOLD NUMBER N/A		REV:0	
DESS. PAR / DRAWN BY: BLAMBERT		DATE: 2025-10-14	
APP. PAR / APP. BY: SEE PAGE 11		DATE: SEE PAGE 11	
DWG SIZE	B	ECHELLE / SCALE:	PAGE / SHEET
		NOT TO SCALE	10 OF 12

ITEM #	PART CODE		DESCRIPTION	QUANTITY PER SIZE (Feet)								
	52"	54"		12X15	12X18	12x21	12x24	15x21	15x24	15x30	18x33	18x39
1	PS510U52	PS510U54	POOL S510 UPRIGHT 52" / 54"	6	6	6	6	8	8	8	10	10
2	PS510L		POOL S510 TOP SEAT	8	8	8	8	10	10	10	12	12
3	PZPB		POOL MULTI SERIES BOTTOM PLATE	6	6	6	6	8	8	8	10	10
4	PZPT		POOL MULTI SERIES TOP PLATE	6	6	6	6	8	8	8	10	10
5	PS510CF		POOL S510 COVER FRONT	10	12	14	16	14	16	20	22	26
6	PS510CB		POOL S510 COVER BACK	10	12	14	16	14	16	20	22	26
7	PS510CC		POOL S510 COVER CAP	10	12	14	16	14	16	20	22	26
8	PZRA15		POOL MULTI SERIES RAIL 15' TOP/BOTTOM	16	16	16	16	20	20	20	24	24
STRAIGHT SECTION METAL PARTS				12X15	12X18	12x21	12x24	15x21	15x24	15x30	18x33	18x39
9	46025014	N/A	REINFORCED SQUARE ASSEMBLY 52" (DISCONTINUED)	4	6	8	10	6	8	12	12	16
10	46025035	46025680	STANDALONE SQUARE ASSEMBLY 52" / 54"									
11	46025003		PRESSURE PLATE	2	4	6	8	4	6	10	10	14
12	46025007		TIE STRAPS SIZE 35"	2	3	4	5					
	46025006		TIE STRAPS SIZE 40"	2	3	4	5				6	8
	46025005		TIE STRAPS SIZE 55"					6	8	12	12	16
13	46025010		SLEEVE	12	18	24	30	18	24	36	36	48
STRAIGHT SECTION PLASTIC PARTS				12X15	12X18	12x21	12x24	15x21	15x24	15x30	18x33	18x39
14	OPZPB		OVAL POOL MULTI SERIES BOTTOM PLATE	4	6	8	10	6	8	12	12	16
15	OPZPT		OVAL POOL MULTI SERIES TOP PLATE	4	6	8	10	6	8	12	12	16
16	OPZR		OVAL POOL MULTI SERIES STRAIGHT RAIL TOP/BOTTOM	4	8	12	16	8	12	20	20	28
17	OPZU52	OPZU54	OVAL POOL MULTI SERIES POST COVER (52" - 54")	4	6	8	10	6	8	12	12	16
18	OPS510L		OVAL POOL S510 TOP SEAT	2	4	6	8	4	6	10	10	14
HARDWARE				12X15	12X18	12x21	12x24	15x21	15x24	15x30	18x33	18x39
19	14455045		1/2"-13-2B, GRADE 5 HEX NUT - ECOGUARD® OR GEOMET® FINISH	12	18	24	30	18	24	36	36	48
20	14455095		1/2" WASHER ID 0,531-OD 0,875-THK 0.0625 - ECOGUARD® OR GEOMET® FINISH	40	60	80	100	60	80	120	120	160
21	14455035		1/2"-13 X 3" _HEX HEAD SCREW, PARTIALLY THREADED - ECO GUARD® OR GEOMET® FINISH	12	18	24	30	18	24	36	36	48
22	14455075		1/4-20 X 1/2" HEX HEAD, FULLY THREADED ECOGUARD® OR GEOMET® FINISH.	8	12	16	20	12	16	24	48	64
23	14455085		1/4"-20-2B HEX NUT, ECOGUARD® OR GEOMET® FINISH	8	12	16	20	12	16	24	48	64
24	14433700-ZINC		#12-11 X 1" PHILLIPS PAN HEAD SHEET METAL SCREW, ZINC FINISH	44	70	96	122	70	96	148	148	200
25	14073852		#12 OVERSIZED WASHER 5/16" X 3/4" X 1/16" STNSTL-316, ID0.250-OD0.750	16	24	32	40	24	32	48	48	64
26	14455110		#12-14 X 1-1/4 " QUADREX #3, PAN HEAD HI-LO SELF-TAPPING SCREW, WITH 5/8" SERRATED WASHER, STNSTL-316 PASSIVATED	40	48	56	64	56	64	80	88	104
27	14455032		#12-14 X 1-1/4", PHILLIPS #3 PAN HEAD SELF-DRILLING SCREW SS316	62	72	82	92	86	96	116	130	150
28	02581536		WALL BRACKET 52"	2	2	2	2	2	2	2	2	2
	02581541		WALL BRACKET 54"	2	2	2	2	2	2	2	2	2
29	14172209		PHILLIPS PAN HEAD 1/4"-20 X 3/4", MIN 80KSI	52"	30	30	30	30	30	30	30	30
				54"	32	32	32	32	32	32	32	32
30	14072620		FLANGED NUT 1/4"-20 X 15/64", MIN 80KSI	52"	30	30	30	30	30	30	30	30
				54"	32	32	32	32	32	32	32	32
31	46025015		EXPANDED POLYSTYRENE BLOCK	8	12	16	20	12	16	24	24	32
32	SEE PAGE 12		POOL WALLS	SEE PAGE 12								

REVISIONS				
REV.	DESCRIPTION	DATE	DRAWN BY	APPROVED BY
RO	INITIAL RELEASE	2025-10-15	BLAMBERT	REFER TO WORK RESPONSIBILITIES TABLE

WORK RESPONSIBILITIES TABLE	
TECHNICAL DRAWING REPRESENTING THE DESIGN CARRIED OUT BY VIF DATED 2025-10-15 DRAWN BY:	BENOIT LAMBERT
DRAWING PRODUCED UNDER THE SUPERVISION OF:	JUAN F. HENAO P.ENG, M.SC.A.
MATERIALS AND DIMENSIONS IN DRAWING ARE CONSISTENT WITH THE STRUCTURAL ANALYSIS PRESENTED IN REPORT: "2001453-01-1_G_STRUCTURAL-ANALYSIS-ON-OVAL-AND-ROUND-POOLS.PDF"	JUAN F. HENAO P.ENG, M.SC.A.

TOLÉRANCE GÉNÉRALE / GENERAL TOLERANCE		 4000 Boul. Casavant Ouest, Saint-Hyacinthe, (Quebec) Quebec, Canada, J2S 9E3 T (450) 774-6953 F (450) 774-4970
PROCÉDÉ / PROCESS	ASSEMBLY TOLERANCES	
DEC. X	± 2.0	
.XX	± 1.0	
.XXX	± 0.500	
ANGLE N/A		
UNITS: INCH[MM]		
REF. SCALE		
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PROJÉT / PROJECT: COMPLIANCE TO APSP-4 DESCRIPTION: SUNLAB S510 SERIES OVAL POOL 52"-54"		
NO. PIÈCE / PART NO:	N/A	VOLUME: N/A
MATÉRIAU / MATERIAL:	N/A	POIDS EST. / EST. WEIGHT: N/A
NUMÉRO DE MOULE / MOLD NUMBER		REV:0
DESS. PAR / DRAWN BY:	BLAMBERT	DATE: 2025-10-14
APP. PAR / APP. BY:	SEE PAGE 11	DATE: SEE PAGE 11
DWG SIZE	B	ECHELLE / SCALE: NOT TO SCALE
		PAGE / SHEET 11 OF 12

A

A

B

B

C

C

D

D

OVAL ALUMINUM WALL CONFIGURATION 54"												
ITEM #	54"	POOL SIZE	12'X15'	12'X18'	12'X21'	12'X24'	15'X21'	15'X24'	15'X30'	18'X33'	18'X39'	
32	PWA28541215STD	12'X15'	1									
	PWA28541215GSTD		1									
	PWA32541215STD		1									
	PWA32541215GSTD		1									
	PWA28541218STD	12'X18'		1								
	PWA28541218GSTD			1								
	PWA32541218STD			1								
	PWA32541218GSTD			1								
	PWA28541221STD	12'X21'			1							
	PWA28541221GSTD				1							
	PWA32541221STD				1							
	PWA32541221GSTD				1							
	PWA28541224STD	12'X24'				1						
	PWA28541224GSTD					1						
	PWA32541224STD					1						
	PWA32541224GSTD					1						
	PWA28541521STD	15'X21'					1					
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	PWA32541521GSTD						1					
	PWA28541524STD	15'X24'						1				
	PWA28541524GSTD							1				
	PWA32541524STD								1			
	PWA32541524GSTD								1			
	PWA28541530STD	15'X30'							1			
	PWA28541530GSTD								1			
	PWA32541530STD									1		
	PWA32541530GSTD									1		
	PWA28541833STD	18'X33'								1		
	PWA28541833GSTD									1		
	PWA32541833STD										1	
	PWA32541833GSTD										1	
PWA28541839STD	18'X39'									1		
PWA28541839GSTD										1		
PWA32541839STD										1		
PWA32541839GSTD										1		

OVAL STEEL WALL CONFIGURATION 52"												
ITEM #	54"	POOL SIZE	12'X15'	12'X18'	12'X21'	12'X24'	15'X21'	15'X24'	15'X30'	18'X33'	18'X39'	
32	PWS17521215WSTD	12'X15'	1									
	PWS17521215GSTD		1									
	PWS17521215WSTD		1									
	PWS17521215GSTD		1									
	PWS17521218WSTD	12'X18'		1								
	PWS17521218GSTD			1								
	PWS17521218WSTD			1								
	PWS17521218GSTD			1								
	PWS17521221WSTD	12'X21'			1							
	PWS17521221GSTD				1							
	PWS17521221WSTD				1							
	PWS17521221GSTD				1							
	PWS17521224WSTD	12'X24'				1						
	PWS17521224GSTD					1						
	PWS17521224WSTD					1						
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	PWS17521524GSTD								1			
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	PWS17521524GSTD									1		
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	PWS17521833GSTD										1	
PWS17521839WSTD	18'X39'									1		
PWS17521839GSTD										1		
PWS17521839WSTD										1		
PWS17521839GSTD										1		

TOLÉRANCE GÉNÉRALE / GENERAL TOLERANCE	
PROCÉDÉ / PROCESS	ASSEMBLY TOLERANCES
DEC. X	± 2.0
.XX	± 1.0
.XXX	± 0.500
ANGLE N/A	
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PROJET / PROJECT: COMPLIANCE TO APSP-4		
DESCRIPTION: SUNLAB S510 SERIES OVAL POOL 52"-54"		
NO. PIÈCE / PART NO:	N/A	VOLUME: N/A
MATÉRIAU / MATERIAL:	N/A	POIDS EST. / EST. WEIGHT: N/A
NUMÉRO DE MOULE / MOLD NUMBER		REV:0
DESS. PAR / DRAWN BY:	BLAMBERT	DATE: 2025-10-14
APP. PAR / APP. BY:	SEE PAGE 11	DATE: SEE PAGE 11
DWG SIZE	B	ECHELLE / SCALE: NOT TO SCALE
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