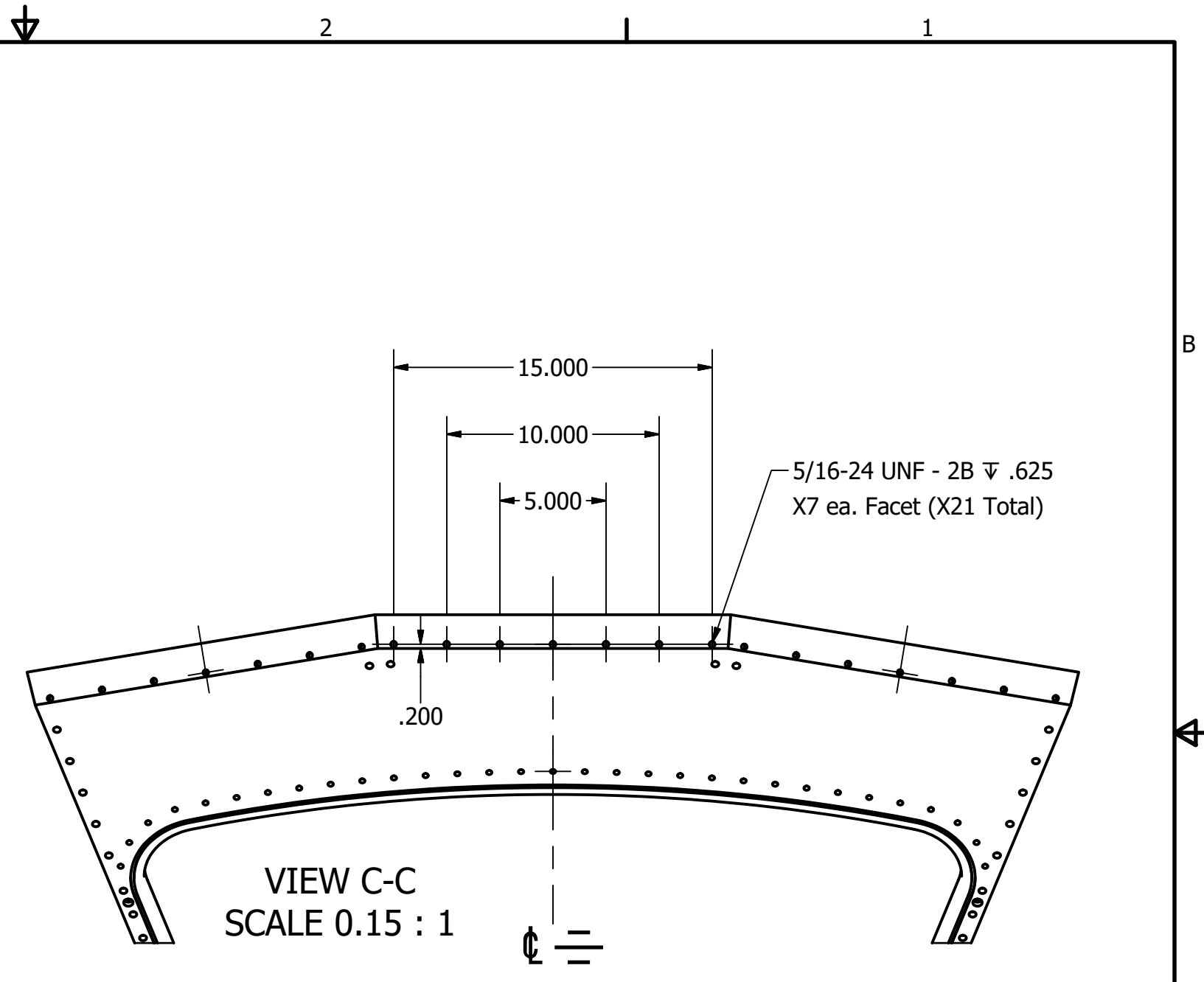
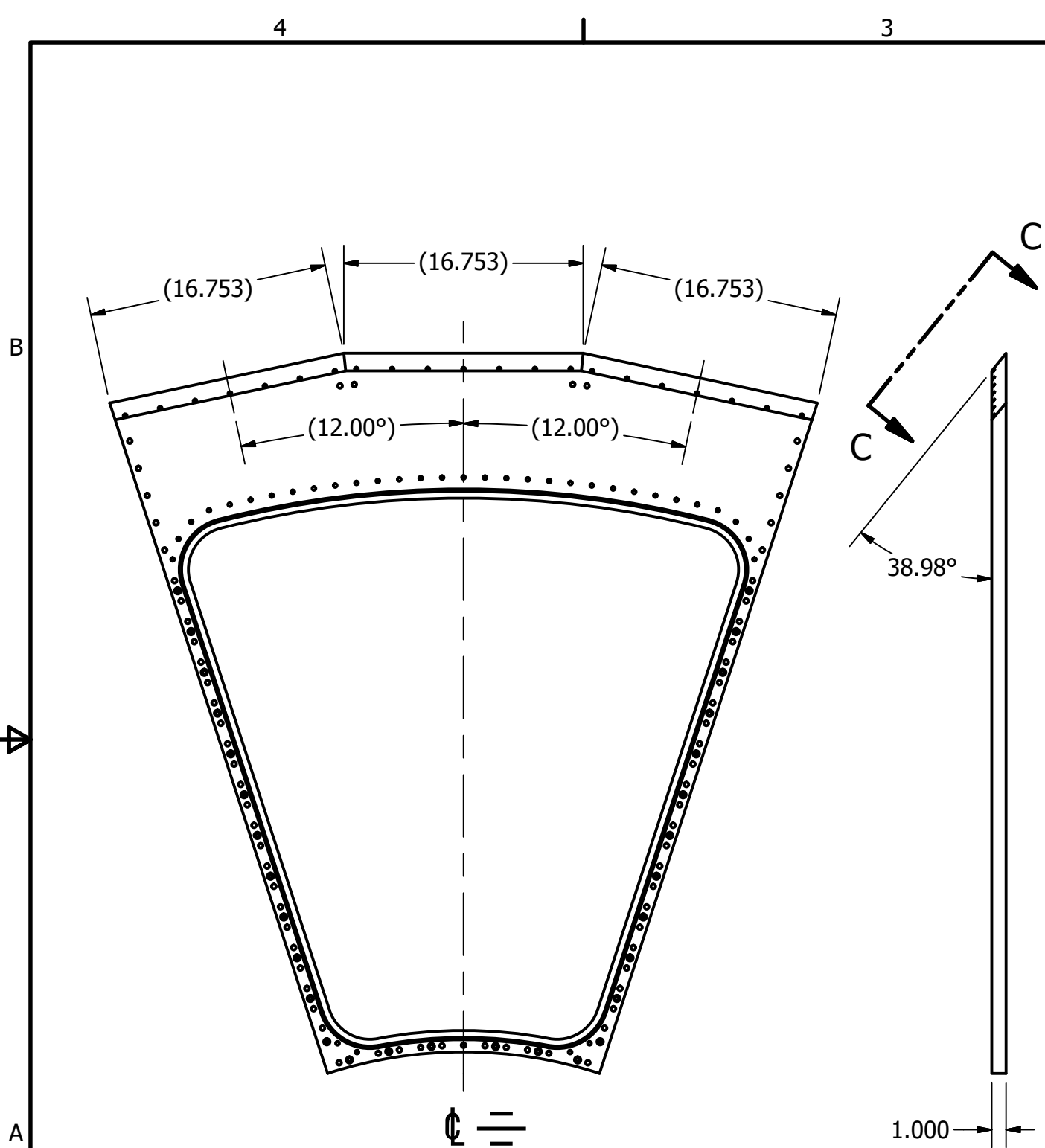


Note:
All Holes Drilled Normal
to their Respective Surface

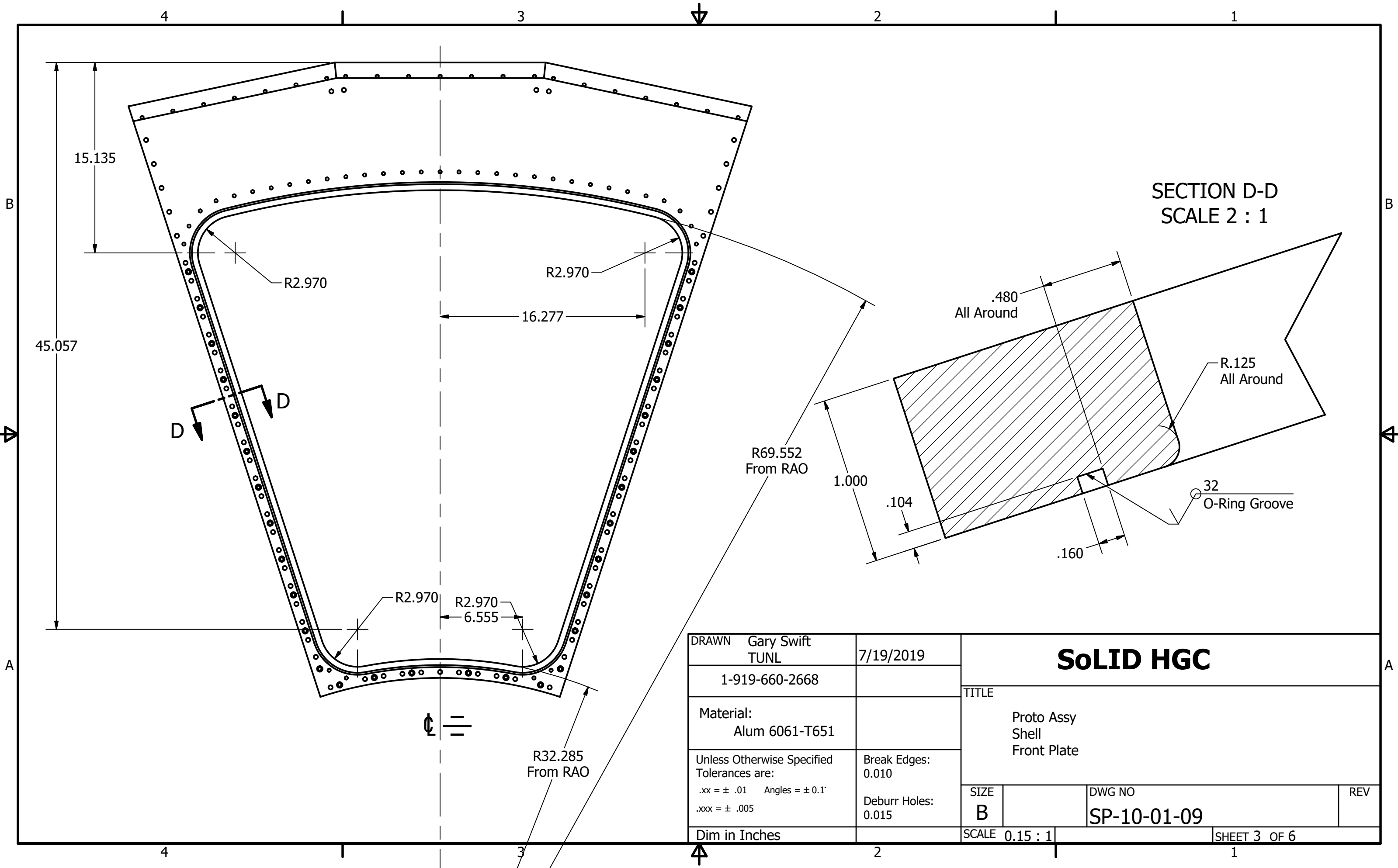
DRAWN Gary Swift TUNL	7/19/2019	SoLID HGC		
1-919-660-2668				
Material: Alum 6061-T651		TITLE Proto Assy Shell Front Plate		
Unless Otherwise Specified Tolerances are: .xx = ± .01 Angles = ± 0.1' .xxx = ± .005	Break Edges: 0.010 Deburr Holes: 0.015			
Dim in Inches		SIZE B	DWG NO SP-10-01-09	REV
		SCALE 0.15 : 1	SHEET 1 OF 6	

Front View

8.685
X,Y (0,0) Ref Point for Holes
See Sheets 4,5,&6



DRAWN Gary Swift TUNL	7/19/2019	SoLID HGC		
1-919-660-2668				
Material: Alum 6061-T651		Proto Assy Shell Front Plate		
Unless Otherwise Specified Tolerances are: .xx = $\pm .01$ Angles = $\pm 0.1^\circ$.xxx = $\pm .005$	Break Edges: 0.010 Deburr Holes: 0.015			
Dim in Inches		SIZE B	DWG NO SP-10-01-09	REV
		SCALE 0.1 : 1	SHEET 2 OF 6	



DRAWN Gary Swift TUNL	7/19/2019	SoLID HGC		
1-919-660-2668				
Material: Alum 6061-T651		TITLE Proto Assy Shell Front Plate		
Unless Otherwise Specified Tolerances are: .xx = ± .01 Angles = ± 0.1° .xxx = ± .005	Break Edges: 0.010 Deburr Holes: 0.015	SIZE B	DWG NO SP-10-01-09	REV
Dim in Inches		SCALE 0.15 : 1	SHEET 3 OF 6	

4

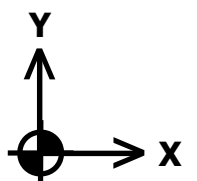
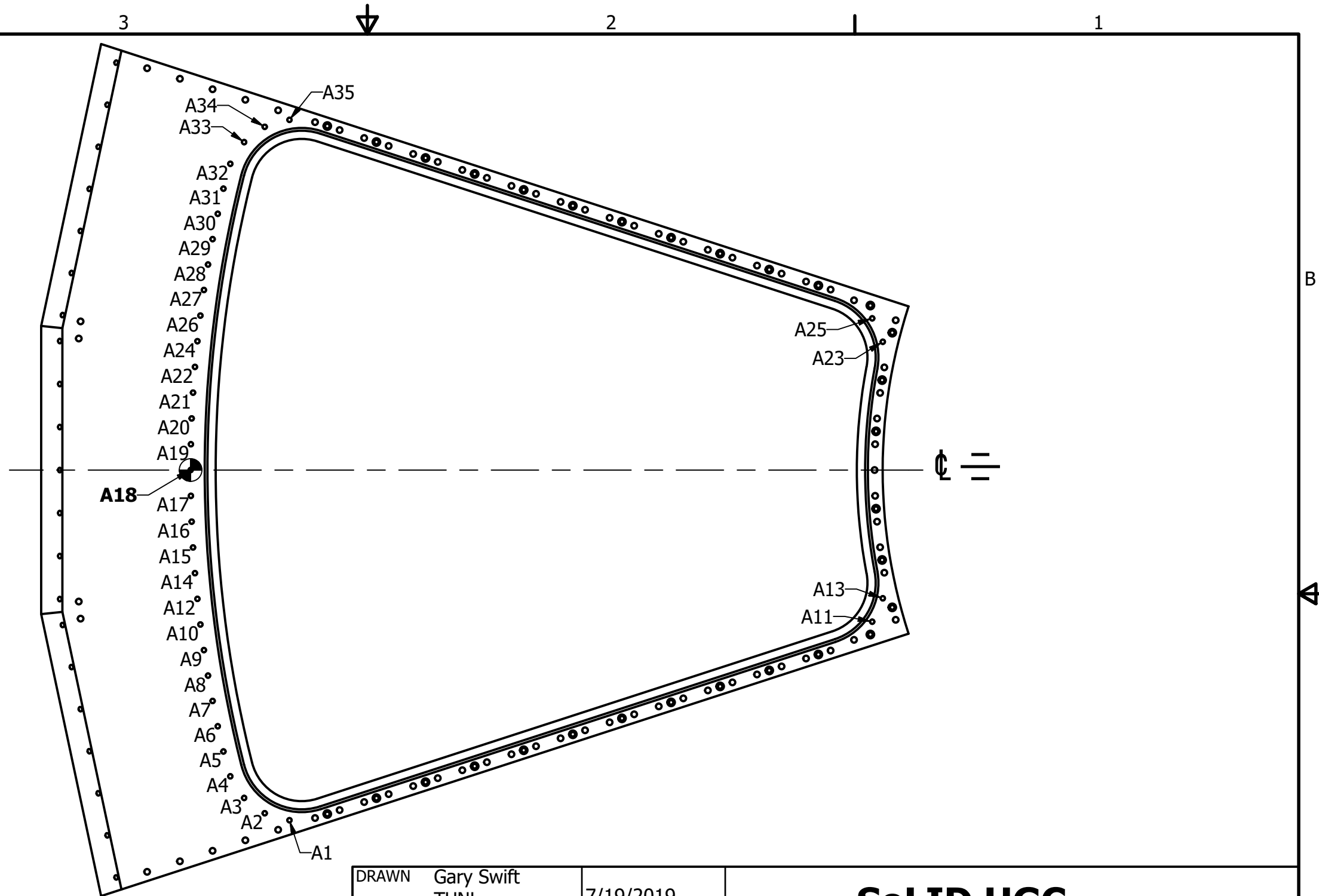
3

2

1

HOLE TABLE

HOLE	XDIM	YDIM	DESCRIPTION
A1	5.746	-20.356	
A2	4.310	-19.950	
A3	3.112	-19.060	
A4	2.308	-17.803	
A5	1.910	-16.358	
A6	1.580	-14.894	
A7	1.280	-13.424	
A8	1.012	-11.947	
A9	.775	-10.466	
A10	.570	-8.979	
A11	39.619	-8.817	
A12	.396	-7.489	
A13	40.233	-7.457	
A14	.254	-5.995	
A15	.143	-4.499	
A16	.063	-3.000	
A17	.016	-1.500	
A18	.000	.000	5/16-18 UNC - 2B ∇ .625
A19	.016	1.500	
A20	.063	3.000	
A21	.143	4.499	
A22	.254	5.995	
A23	40.233	7.457	
A24	.396	7.489	
A25	39.619	8.817	
A26	.570	8.979	
A27	.775	10.466	
A28	1.012	11.947	
A29	1.280	13.424	
A30	1.580	14.894	
A31	1.910	16.358	
A32	2.308	17.803	
A33	3.112	19.060	
A34	4.310	19.950	
A35	5.746	20.356	



DRAWN Gary Swift TUNL	7/19/2019	SoLID HGC		
1-919-660-2668				
Material: Alum 6061-T651		TITLE Proto Assy Shell Front Plate		
Unless Otherwise Specified Tolerances are: .xx = ± .01 Angles = ± 0.1° .xxx = ± .005	Break Edges: 0.010 Deburr Holes: 0.015	SIZE B	DWG NO SP-10-01-09	REV
Dim in Inches		SCALE 0.15 : 1	SHEET 4 OF 6	

4

3

2

1

4

3

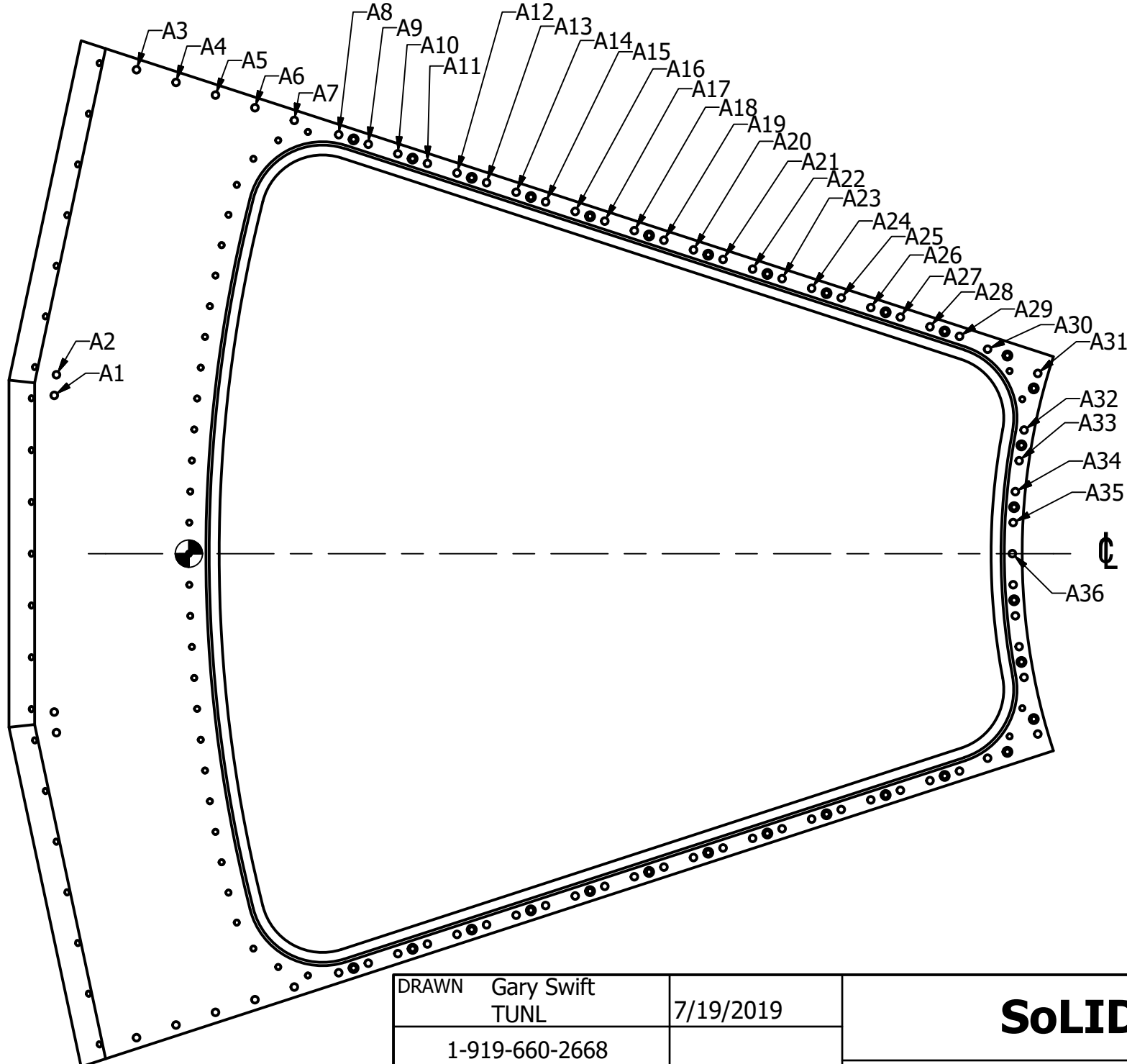
2

1

HOLE TABLE

HOLE	XDIM	YDIM	DESCRIPTION
A1	-6.499	7.644	
A2	-6.395	8.639	
A3	-2.527	23.357	
A4	-.623	22.746	
A5	1.282	22.135	
A6	3.186	21.523	
A7	5.090	20.912	
A8	7.233	20.225	
A9	8.661	19.765	
A10	10.088	19.301	
A11	11.515	18.837	
A12	12.942	18.374	
A13	14.370	17.910	
A14	15.797	17.446	
A15	17.224	16.983	
A16	18.651	16.519	
A17	20.078	16.055	
A18	21.505	15.592	
A19	22.932	15.128	
A20	24.359	14.664	
A21	25.787	14.200	
A22	27.214	13.737	
A23	28.641	13.273	
A24	30.068	12.809	
A25	31.495	12.346	
A26	32.922	11.882	
A27	34.349	11.418	
A28	35.776	10.955	
A29	37.203	10.491	
A30	38.562	9.870	
A31	40.985	8.705	
A32	40.323	5.967	
A33	40.081	4.486	
A34	39.901	2.997	
A35	39.793	1.500	
A36	39.757	.000	

Ø.332 THRU



Holes A1 thru A35 are
Mirrored about t

SoLID HGC

Proto Assy
Shell
Front Plate

DRAWN Gary Swift TUNL	7/19/2019
1-919-660-2668	
Material: Alum 6061-T651	
Unless Otherwise Specified Tolerances are: .xx = ± .01 Angles = ± 0.1' .xxx = ± .005	Break Edges: 0.010 Deburr Holes: 0.015
Dim in Inches	

TITLE		
Proto Assy Shell Front Plate		
SIZE B	DWG NO SP-10-01-09	REV
SCALE 0.15 : 1		SHEET 5 OF 6

4

3

2

1

4

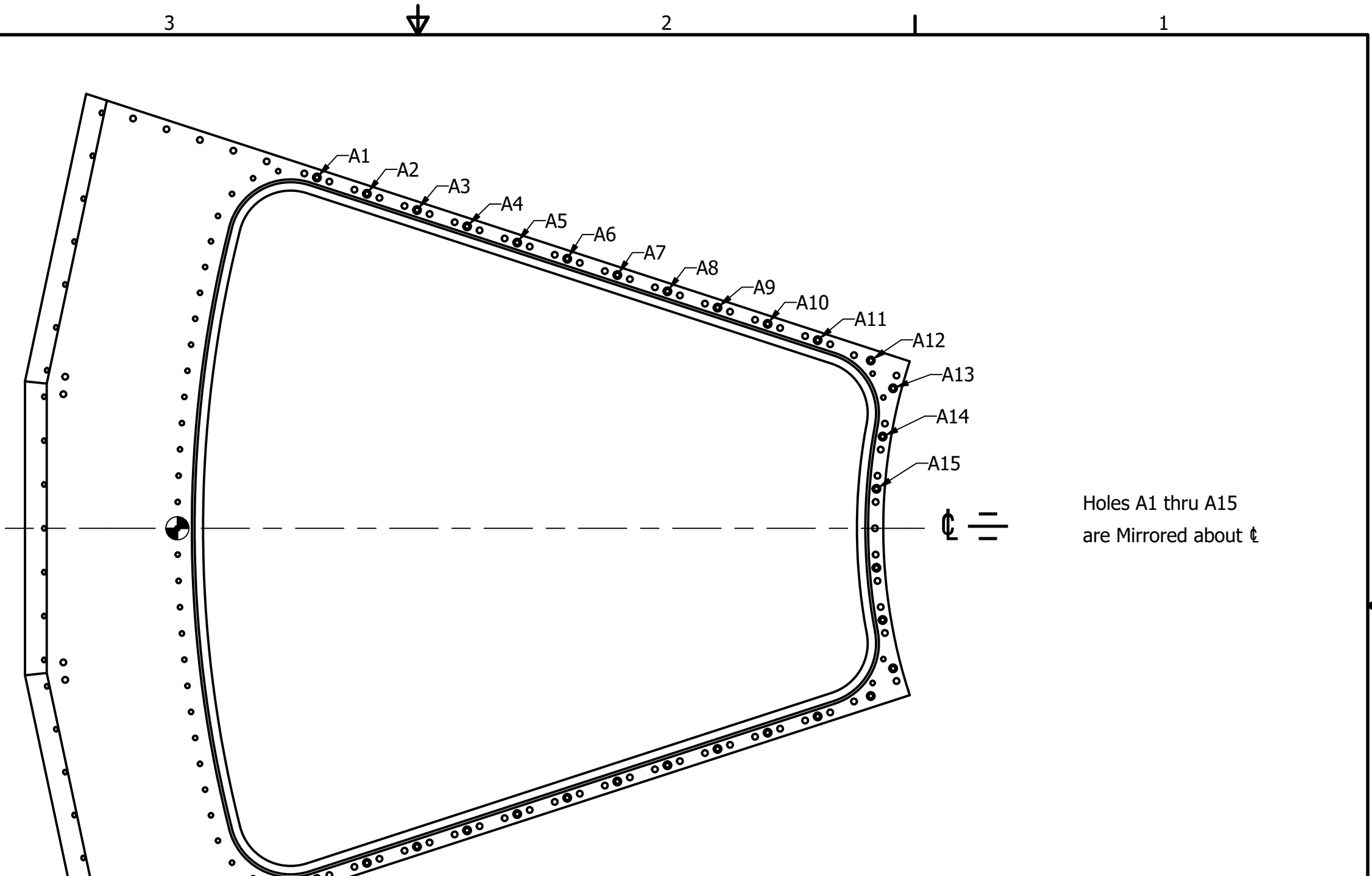
3

2

1

HOLE TABLE

HOLE	XDIM	YDIM	DESCRIPTION
A1	7.947	19.995	Ø.266 THRU └┘ Ø.438 ▽ .300
A2	10.802	19.069	Ø.266 THRU └┘ Ø.438 ▽ .300
A3	13.656	18.142	Ø.266 THRU └┘ Ø.438 ▽ .300
A4	16.510	17.215	Ø.266 THRU └┘ Ø.438 ▽ .300
A5	19.364	16.287	Ø.266 THRU └┘ Ø.438 ▽ .300
A6	22.219	15.360	Ø.266 THRU └┘ Ø.438 ▽ .300
A7	25.073	14.432	Ø.266 THRU └┘ Ø.438 ▽ .300
A8	27.927	13.505	Ø.266 THRU └┘ Ø.438 ▽ .300
A9	30.781	12.578	Ø.266 THRU └┘ Ø.438 ▽ .300
A10	33.636	11.650	Ø.266 THRU └┘ Ø.438 ▽ .300
A11	36.490	10.723	Ø.266 THRU └┘ Ø.438 ▽ .300
A12	39.514	9.561	Ø.266 THRU └┘ Ø.438 ▽ .300
A13	40.787	7.982	Ø.266 THRU └┘ Ø.438 ▽ .300
A14	40.197	5.228	Ø.266 THRU └┘ Ø.438 ▽ .300
A15	39.839	2.249	Ø.266 THRU └┘ Ø.438 ▽ .300



Holes A1 thru A15
are Mirrored about $\text{---}\text{---}\text{---}$

B

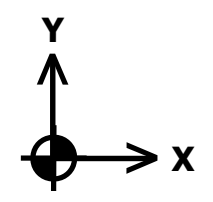
B

A

A

A

A



DRAWN Gary Swift TUNL	7/19/2019	SoLID HGC		
1-919-660-2668				
Material: Alum 6061-T651		TITLE Proto Assy Shell Front Plate		
Unless Otherwise Specified Tolerances are: .xx = ± .01 Angles = ± 0.1° .xxx = ± .005	Break Edges: 0.010 Deburr Holes: 0.015			
Dim in Inches		SIZE B	DWG NO SP-10-01-09	REV
		SCALE 0.15 : 1	SHEET 6 OF 6	