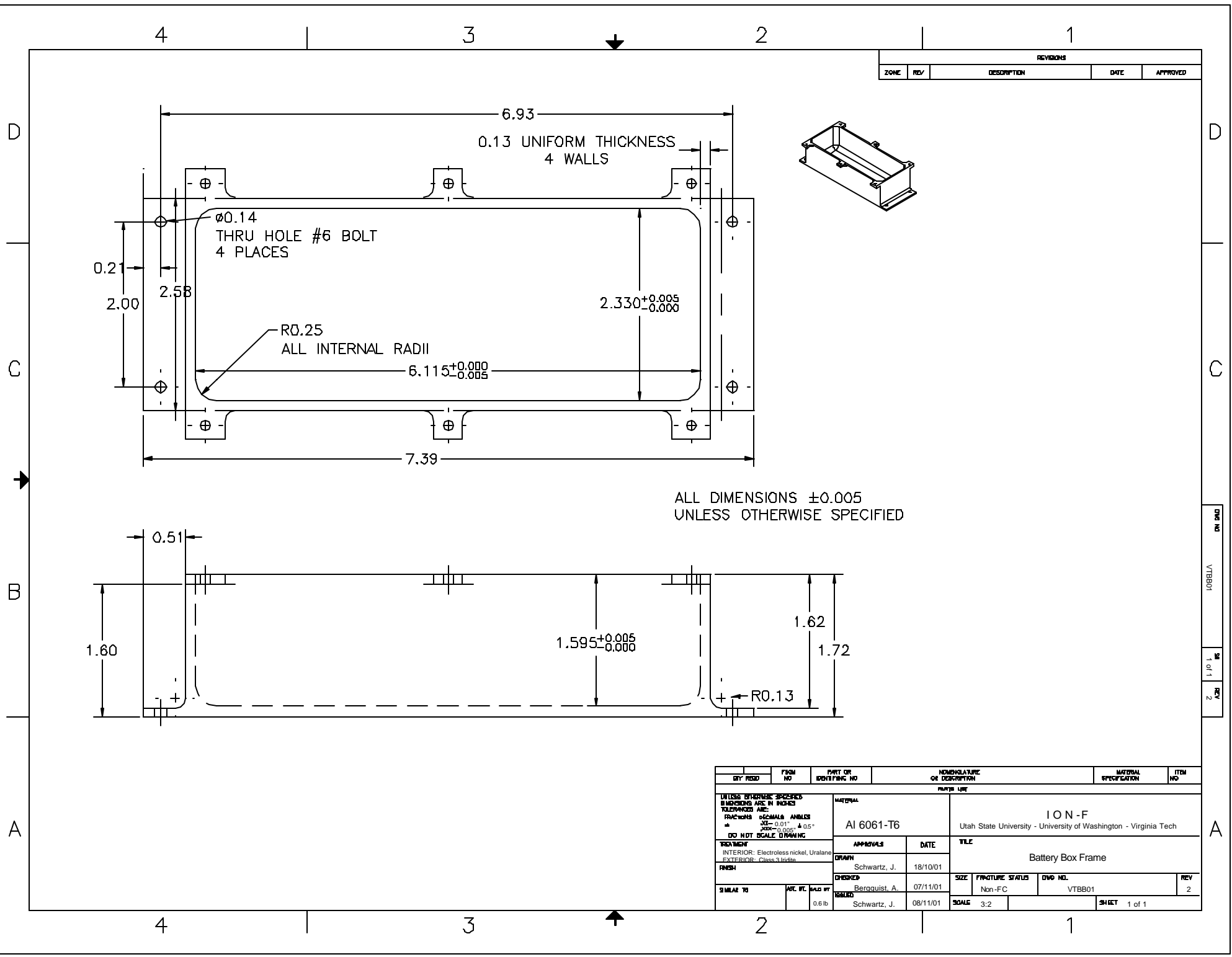


Box 1 (VT)



REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

ALL DIMENSIONS ±0.005
UNLESS OTHERWISE SPECIFIED

BY	REV	FORM NO	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	ITEM NO
<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ±.015 ±.01 ±.05° ±.005 ±.005 ±.05° DO NOT SCALE DRAWING</small>				MATERIAL Al 6061-T6 Utah State University - University of Washington - Virginia Tech		
<small>TREATMENT INTERIOR: Electroless nickel, Uralane EXTERIOR: Class 2 Intra</small>				TITLE Battery Box Frame		
<small>DRAWN</small> Schwartz, J.		<small>DATE</small> 18/10/01		<small>SIZE</small> Non-FC		
<small>CHECKED</small> Bergquist, A.		<small>DATE</small> 07/11/01		<small>QWG NO.</small> VTBB01		<small>REV</small> 2
<small>SIMILAR TO</small>		<small>QWG NO.</small> 0.6 lb		<small>SCALE</small> 3:2		<small>SHEET</small> 1 of 1

DWG NO VTBB01
 1 of 1
 REV 2

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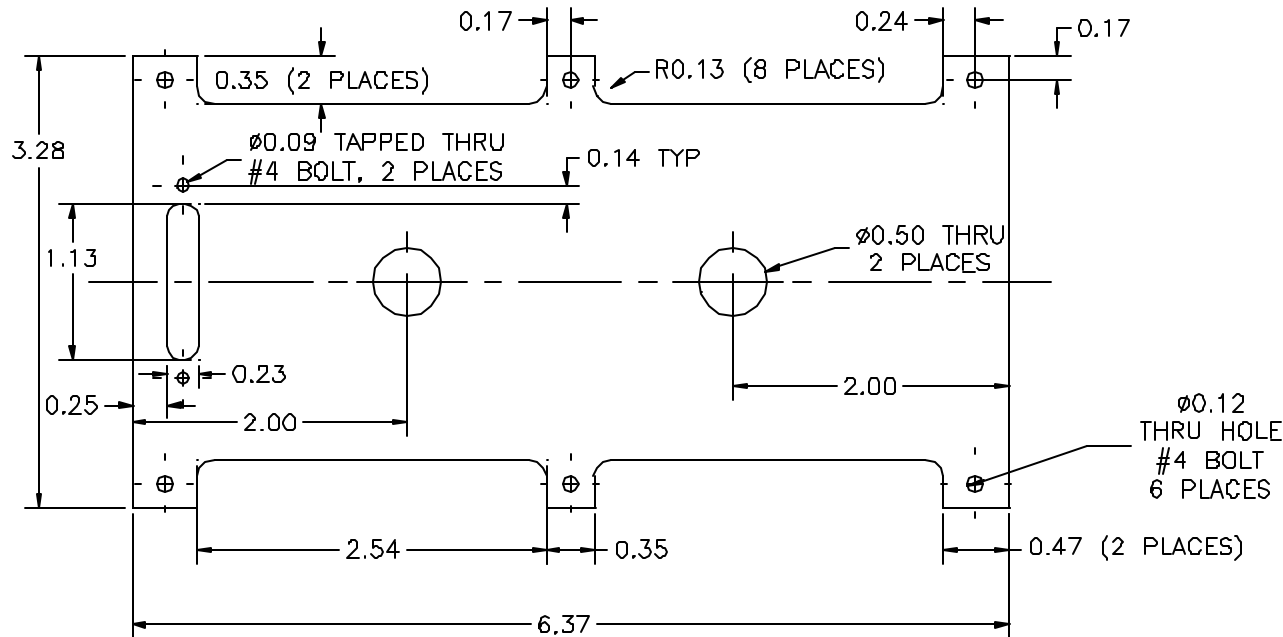
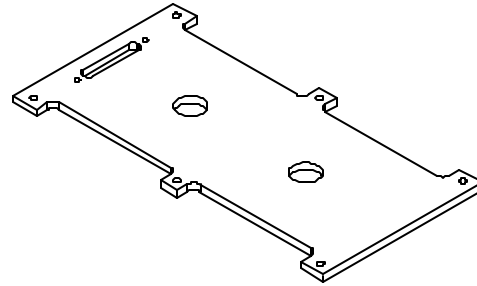
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REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

0.13 UNIFORM THICKNESS
ALL DIMENSIONS ±0.005



DND
VTBB02
1 of 1
REV 2

BY	REV	FORM NO	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	ITEM NO
<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .01 ± .005 ± .05° DO NOT SCALE DRAWING</small>				<small>MATERIAL</small> Al 6061-T6 Utah State University - University of Washington - Virginia Tech		
<small>TREATMENT</small> INTERIOR: Electroless nickel, Uralane EXTERIOR: Class 2 Intra				<small>TITLE</small> Battery Box Cover		
<small>APPROVALS</small> DRAWN Schwartz, J.		<small>DATE</small> 18/10/01		<small>SIZE</small> Non-FC		
<small>CHECKED</small> Bergquist, A.		<small>DATE</small> 07/11/01		<small>QWG NO.</small> VTBB02		<small>REV</small> 2
<small>SIMILAR TO</small> 0.2 lb		<small>ISSUED</small> Schwartz, J.		<small>SCALE</small> 3:2		<small>SHEET</small> 1 of 1

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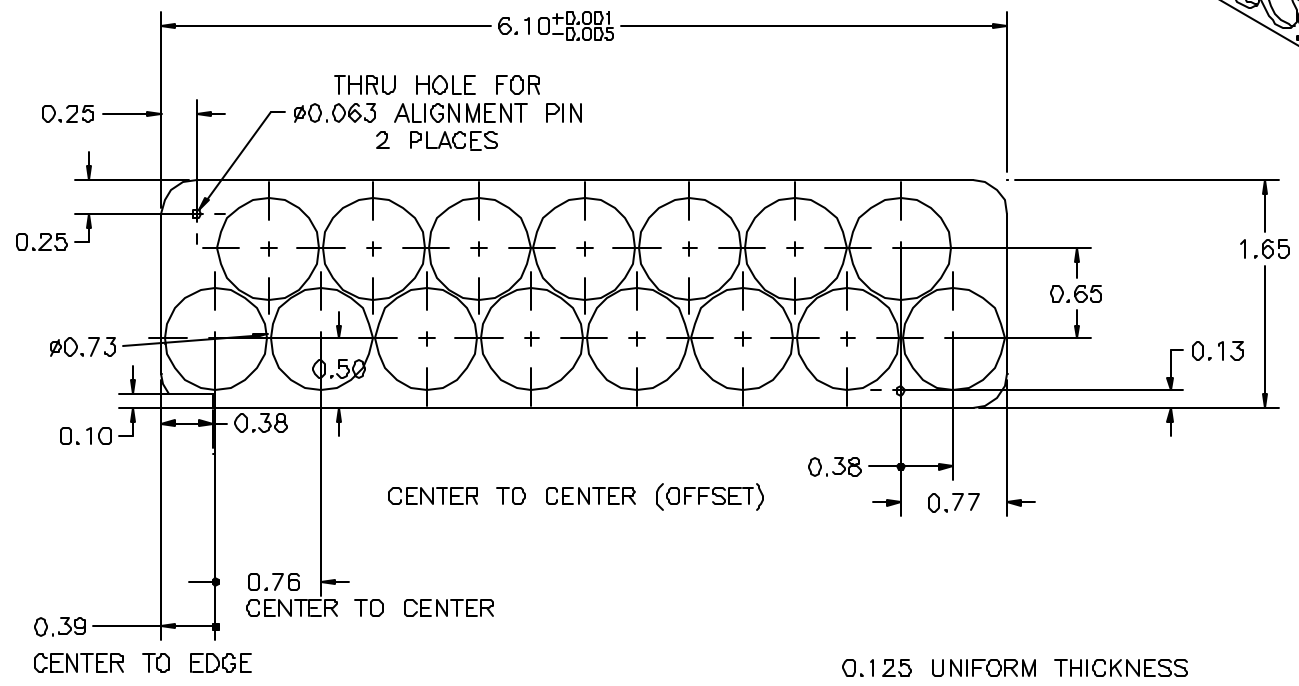
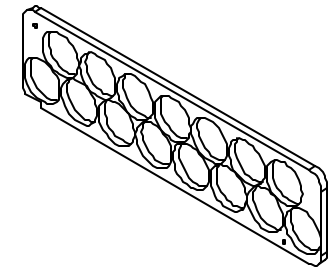
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REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

USE ALIGNMENT PIN HOLES TO PLACE
MATCHING HOLES IN RETAINERS



ALL DIMENSIONS ±0.005
UNLESS OTHERWISE SPECIFIED

BY	REV	FORM NO	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	ITEM NO
<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ±.001 ±.01 ±.05 DO NOT SCALE DRAWING</small>				MATERIAL Al 6061-T6 Utah State University - University of Washington - Virginia Tech		
TREATMENT			APPROVALS	DATE	TITLE	
Electroless nickel, Uralane			Schwartz, J.	18/10/01	Battery Box Internal Shelf	
FINISH			CHECKED	DATE	SIZE	FRACTURE STATUS
			Bergquist, A.	07/11/01	Non-FC	DWG NO.
SIMILAR TO			ISSUED	DATE	SCALE	REV
			Schwartz, J.	08/11/01	3:2	VTBB03
SHEET 1 of 1					REV 2	

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DND
 VTBB03
 1 of 1
 REV 2

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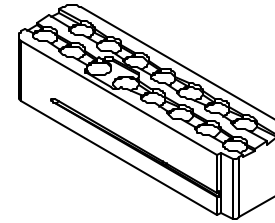
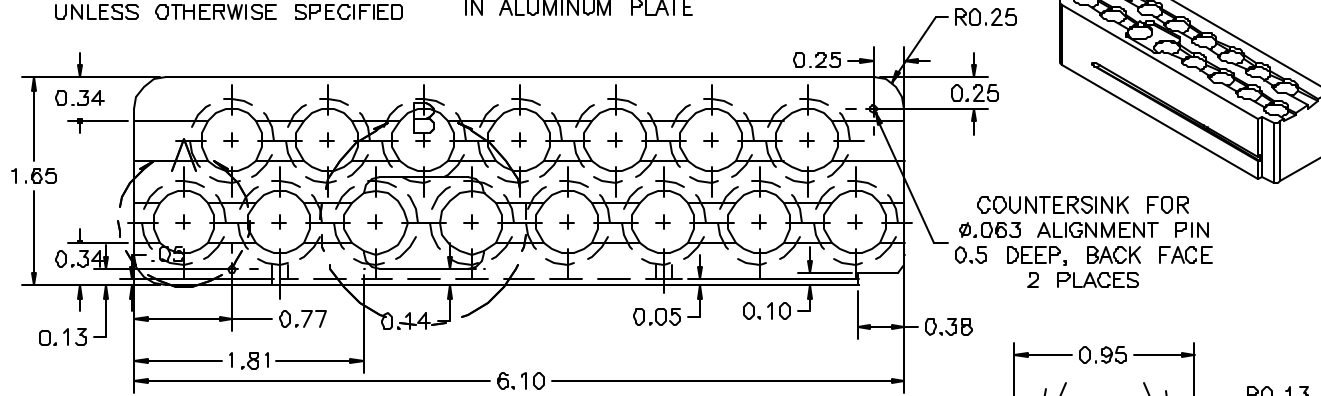
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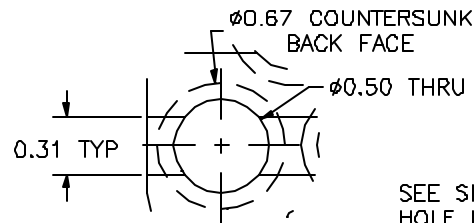
REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

ALL DIMENSIONS ± 0.005
UNLESS OTHERWISE SPECIFIED

MATCH ALIGNMENT PIN HOLES TO THOSE
IN ALUMINUM PLATE

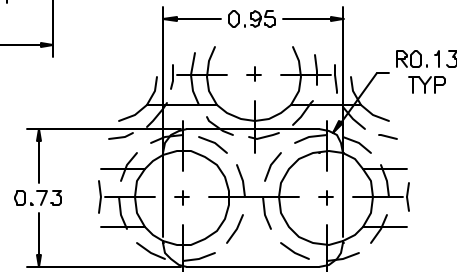


COUNTERSINK FOR
 $\phi 0.063$ ALIGNMENT PIN
0.5 DEEP, BACK FACE
2 PLACES

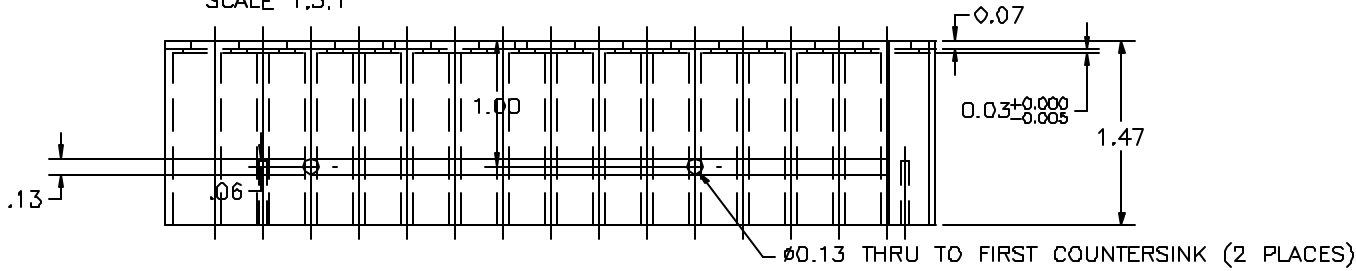


DETAIL A
SCALE 1.5:1

SEE SHELF DRAWING FOR
HOLE LOCATIONS
ALL HOLES ARE CONCENTRIC



DETAIL B
SCALE 1.5:1



DWG NO: VTB004
 1 of 1
 REV: 2

BY	REV	FORM NO	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	ITEM NO
<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .01 ± .005 ± .05° DO NOT SCALE DRAWING</small>				MATERIAL: Delrin Utah State University - University of Washington - Virginia Tech TITLE: Battery Box Rear Retainer		
TREATMENT		APPROVALS	DATE	SCALE: 3:2		
FRESH		DRAWN	18/10/01	SIZE	FRACTURE STATUS	DWG NO.
SIMILAR TO		CHECKED	07/11/01	Non-FC	VTB004	REV 2
		ISSUED	08/11/01	SHEET		1 of 1

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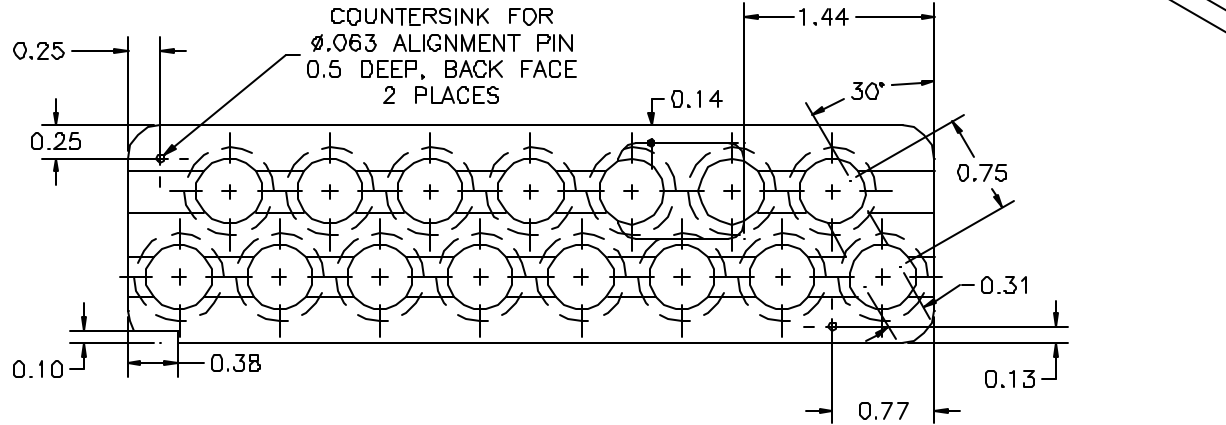
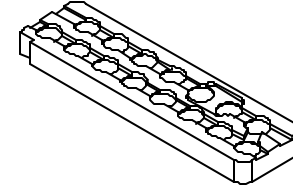
2

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REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

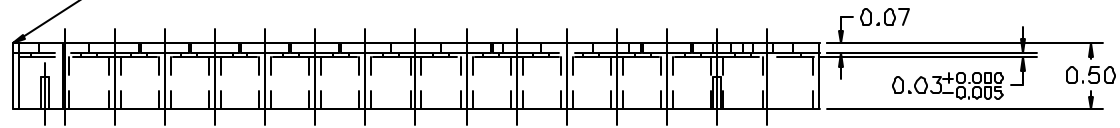
SEE SHELF DRAWING FOR HOLE LOCATIONS
ALL HOLES ARE CONCENTRIC

SEE REAR RETAINER DRAWING FOR PART SIZE, HOLE DIAMETERS
AND HORIZONTAL SLOT DETAILS



COUNTERSINK FOR
Ø.063 ALIGNMENT PIN
0.5 DEEP, BACK FACE
2 PLACES

BREAK EDGES TO MINIMUM DEPTH OF 0.06
2 PLACES



ALL DIMENSIONS ±0.005
UNLESS OTHERWISE SPECIFIED

MATCH ALIGNMENT PIN HOLES TO THOSE
IN ALUMINUM PLATE

DWG NO VTB805 1 of 1 REV 2

BY	REV	FORM NO	PART OR IDENTIFYING NO	DESCRIPTION	MATERIAL SPECIFICATION	ITEM NO
<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ±.01 ±.005 ±.05° DO NOT SCALE DRAWING</small>				<small>MATERIAL</small> Delrin Utah State University - University of Washington - Virginia Tech		
<small>TREATMENT</small> FRESH				<small>APPROVALS</small> Schwartz, J. 18/10/01		<small>TITLE</small> Battery Box Front Retainer
<small>CHECKED</small> Bergquist, A. 07/11/01				<small>SIZE</small> Non-FC	<small>DWG NO.</small> VTB805	<small>REV</small> 2
<small>SIMILAR TO</small> Schwartz, J. 08/11/01				<small>SCALE</small> 3:2	<small>SHEET</small> 1 of 1	

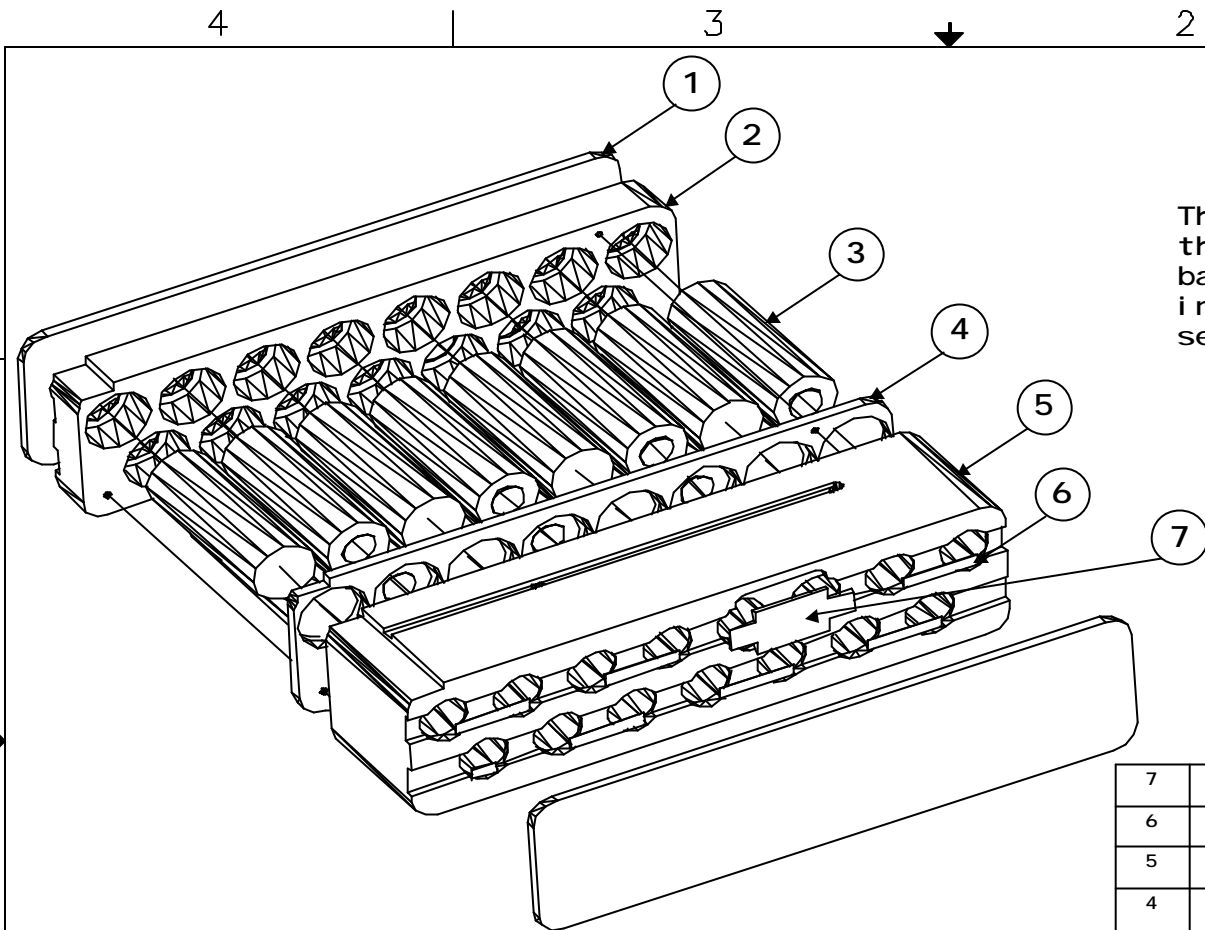
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REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

The USUSat battery box assembles in the same manner as the HokieSat battery box. The interior assembly in the Dawgstar box is rotated 90°, see Dawgstar drawings for details.

Note that Techsburg is not providing parts 1, 3, 6, 7.

ITEM	QTY	NAME	MATERIAL
7	2	RAYCHEM POLYSWITCH	
6	14	CELL INTERCONNECT	NICKEL
5	1	REAR RETAINER	DELRI N
4	1	INTERNAL SHELF	ELECTROLESS NICKEL PLATED & IRIDIUM ALUMINUM 6061-T6
3	15	SANYO Ni Cad KR1400-AE	
2	1	FRONT RETAINER	DELRI N
1	2	ABSORBANT PILLLOW	PIGMAT 203
Parts List			

REV	BY	CHKD	DATE	DESCRIPTION	MATERIAL SPECIFICATION	ITEM NO

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ±.01 ±.005 ±.05° DO NOT SCALE DRAWING		MATERIAL See materials list		ION-F Utah State University - University of Washington - Virginia Tech	
TREATMENT See materials list	APPROVALS	DATE	TITLE Battery Pack Assembly (internal components)		
DRAWN Schwartz, J.		18/10/01	SIZE	FRACTURE STATUS	DWG NO.
CHECKED Bergquist, A.		07/11/01	Non-FC		VTB06
SIMILAR TO	REV	DATE	SCALE		SHEET 1 of 1

1 of 1
 2
 VTB06

Box 2 (USU)

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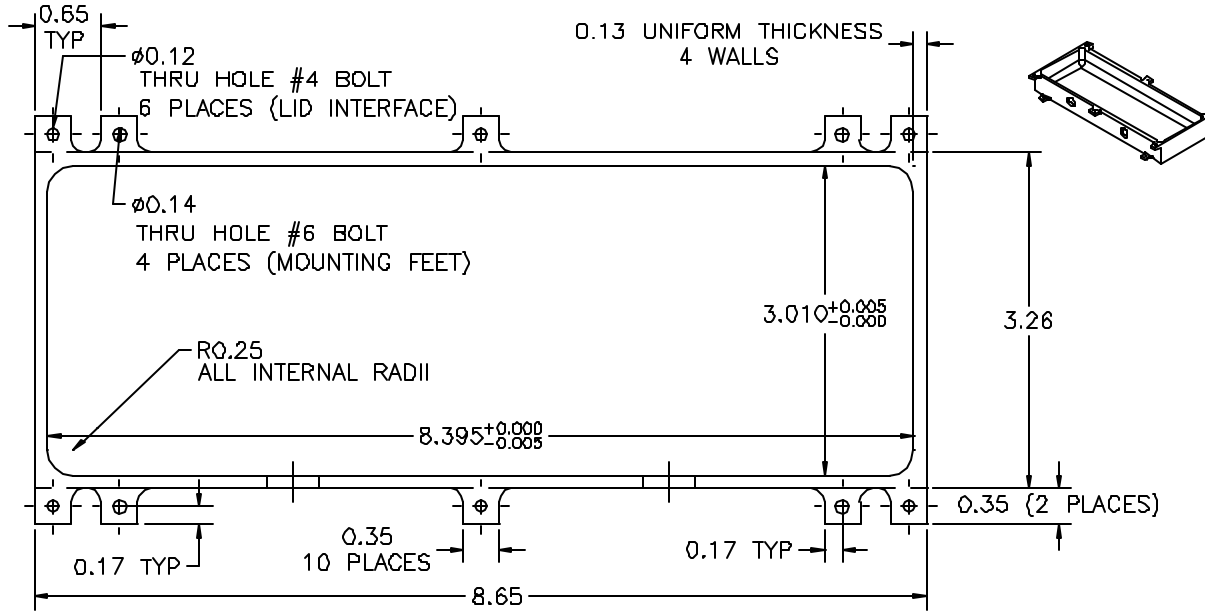
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REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

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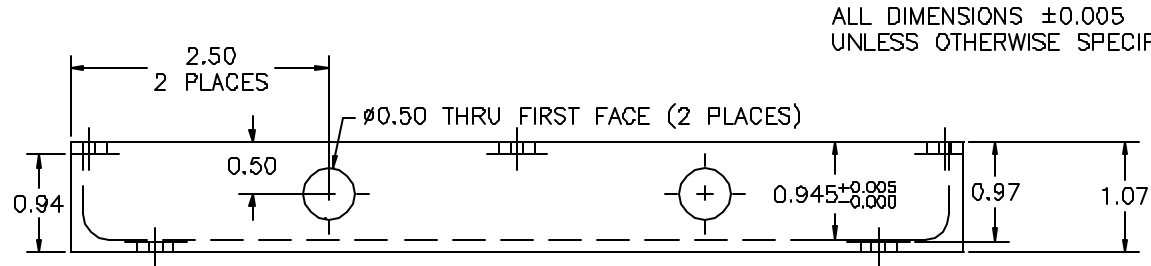


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DWG NO. USUBB01 1 of 1 REV 2

BY	REV	FORM NO	PART OR IDENTIFYING NO	NONNOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	ITEM NO
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .01 ± .005 ± .05 DO NOT SCALE DRAWING				MATERIAL Al 6061-T6 Utah State University - University of Washington - Virginia Tech		
TREATMENT INTERIOR: Electroless nickel, Uralane EXTERIOR: Class 2 Intra				TITLE Battery Box Frame		
DRAWN		Schwartz, J.		DATE		18/10/01
CHECKED		Bergquist, A.		DATE		07/11/01
SIMILAR TO		NO. WT. PLS BY		SCALE		3:2
		0.64 lb		Schwartz, J.		08/11/01
				SIZE		Non-FC
				FRACTURE STATUS		USUBB01
				DWG NO.		2
				REV		1 of 1

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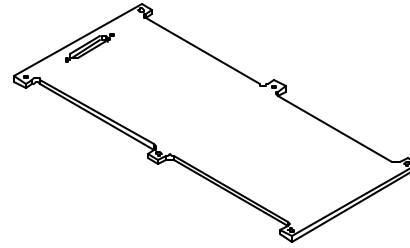
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REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

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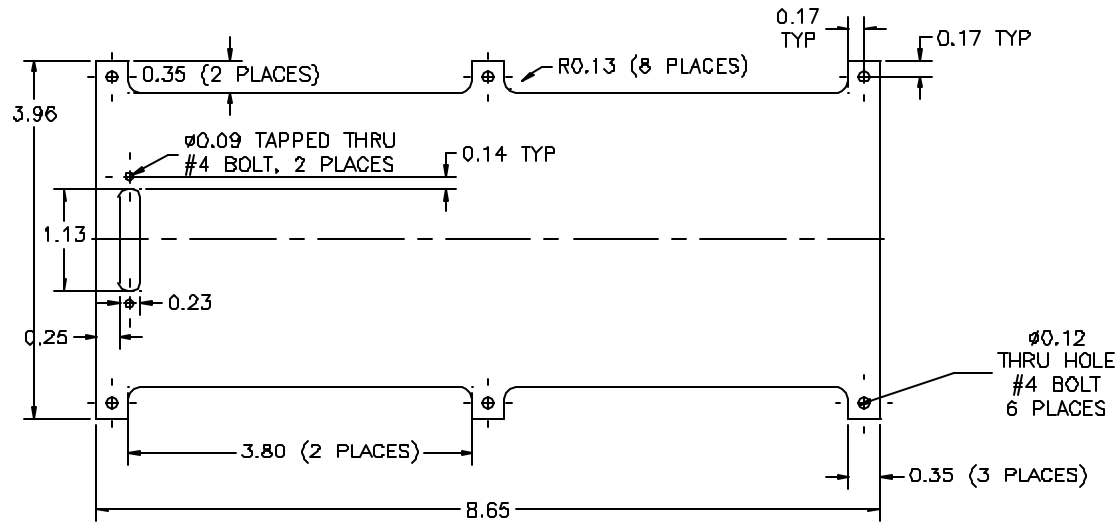
D

0.13 UNIFORM THICKNESS
ALL DIMENSIONS ±0.005



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DWG NO USUBB02
1 of 1
REV 2

BY	REV	FORM NO	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	ITEM NO
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FINISHES: DECIMALS ANGLES ±.01 ±.01° ±.05° ±.005 ±.005 DO NOT SCALE DRAWING				MATERIAL Al 6061-T6 Utah State University - University of Washington - Virginia Tech		
TREATMENT INTERIOR: Electroless nickel, Uralane EXTERIOR: Class 2 Inhib.				APPROVALS DRAWN: Schwartz, J. 18/10/01 CHECKED: Bergquist, A. 07/11/01 DATE: 08/11/01		TITLE Battery Box Cover
FINISH SIMILAR TO				SIZE: 3:2 SCALE: 3:2		FRACTURE STATUS: Non-FC DWG NO: USUBB02 SHEET: 1 of 1
REV 1: Schwartz, J. 08/11/01				REV 2:		

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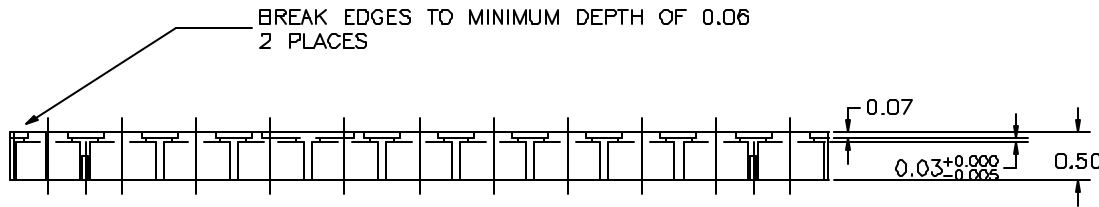
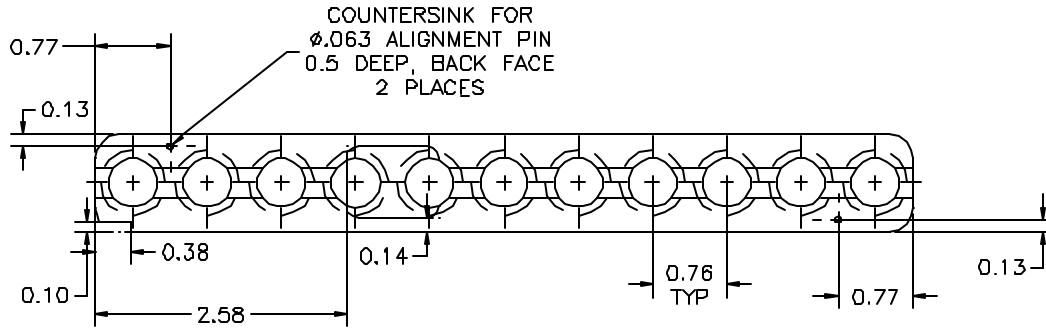
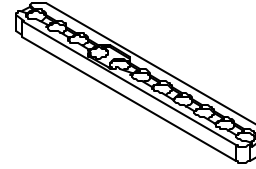
2

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REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

SEE SHELF DRAWING FOR HOLE LOCATIONS
ALL HOLES ARE CONCENTRIC

SEE REAR RETAINER DRAWING FOR PART SIZE, HOLE DIAMETERS
AND HORIZONTAL SLOT DETAILS



ALL DIMENSIONS ± 0.005
UNLESS OTHERWISE SPECIFIED

MATCH ALIGNMENT PIN HOLES TO THOSE
IN ALUMINUM PLATE

DSG ON DWG USUBB05

1 of 1 REV 2

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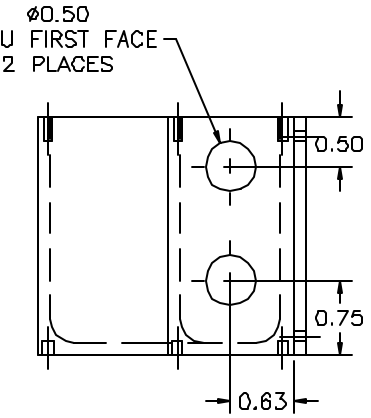
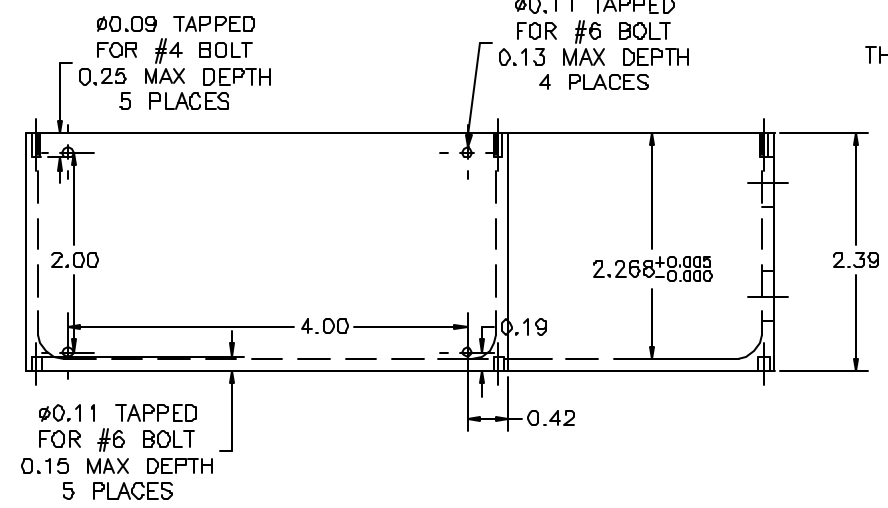
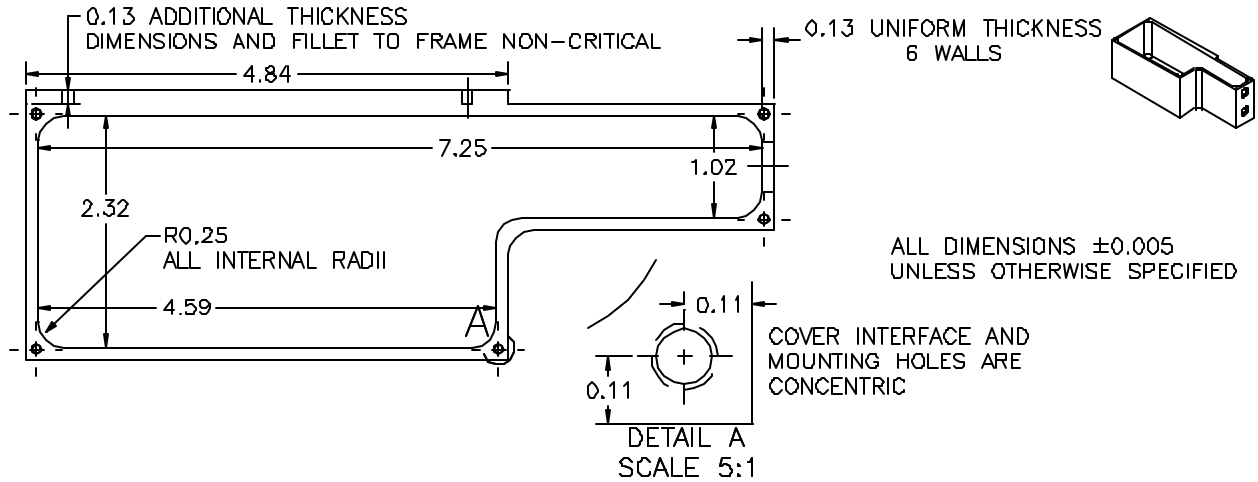
1

BY	REV	FORM NO	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	ITEM NO
<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ±.01 ±.005 ±.05° DO NOT SCALE DRAWING</small>				<small>FRONT VIEW</small>		
<small>TREATMENT</small>				<small>MATERIAL</small> Delrin		<small>ITEM NO</small> ION-F
<small>APPROVALS</small> DRAWN Schwartz, J.				<small>DATE</small> 18/10/01		<small>TITLE</small> Battery Box Front Retainer
<small>CHECKED</small> Bergquist, A.				<small>DATE</small> 07/11/01		<small>SIZE</small> Non-FC
<small>SIMILAR TO</small>				<small>SCALE</small> 3:2		<small>FRACTURE STATUS</small> USUBB05
<small>REV</small> Schwartz, J.				<small>DATE</small> 08/11/01		<small>ITEM NO</small> 1 of 1
<small>REV</small> 2				<small>SCALE</small> 3:2		<small>ITEM NO</small> 1 of 1

Box 3 (UW)

4 3 2 1

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



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C
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D
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UWB001
1 of 1
REV 2

BY/REV	FORM NO	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	ITEM NO
<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ±.01 ±.005 ±.05° DO NOT SCALE DRAWING</small>			<small>MATERIAL</small> Al 6061-T6 Utah State University - University of Washington - Virginia Tech		
<small>TREATMENT</small> INTERIOR: Electroless nickel, Uralane EXTERIOR: Class 2 Inlme			<small>APPROVALS</small> Schwartz, J. 18/10/01 DATE 18/10/01 <small>TITLE</small> Battery Box Frame		
<small>DRAWN</small> Schwartz, J.			<small>CHECKED</small> Bergquist, A. 07/11/01		
<small>FRSH</small>			<small>SIZE</small> 3:2 <small>FRACTURE STATUS</small> Non-FC <small>DWG NO.</small> UWB001 <small>REV</small> 2		
<small>SIMLAR TO</small>			<small>SCALE</small> 3:2 <small>DATE</small> 08/11/01 <small>ISSUED</small> Schwartz, J.		
<small>WGT</small> 0.9 lb			<small>SHET</small> 1 of 1		

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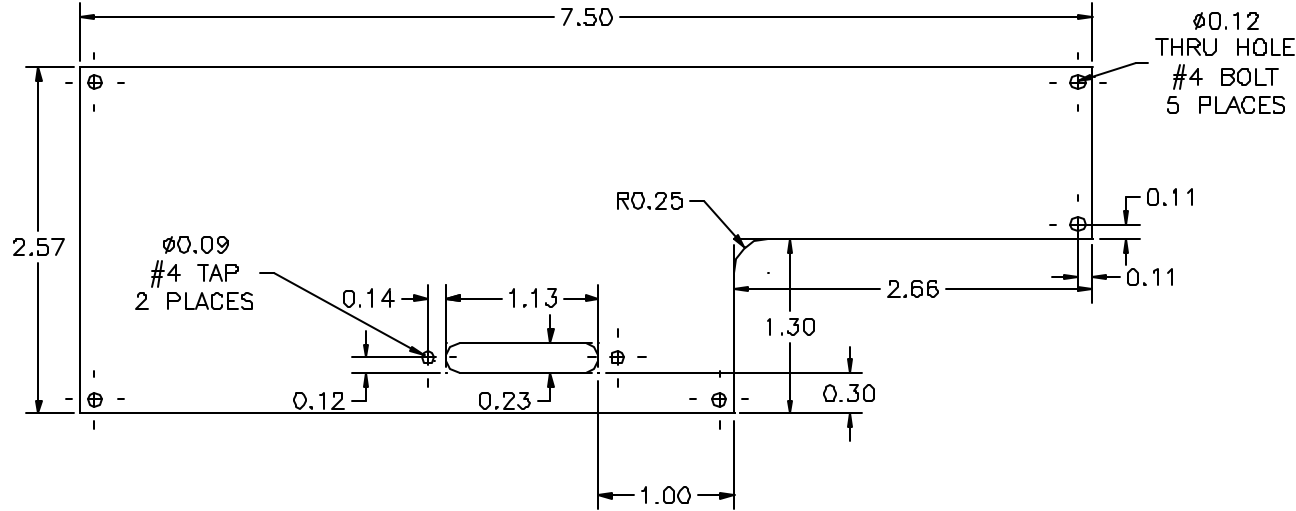
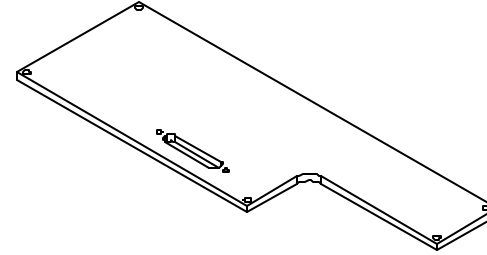
3

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REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

0.13 UNIFORM THICKNESS
ALL DIMENSIONS ±0.005



DWG NO UWB002 1 of 1 REV 2

BY	REV	FORM NO	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	ITEM NO
<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE FRACTIONS DECIMALS ANGLES ±0.01" ±0.5° ±0.005" DO NOT SCALE DRAWING</small>				<small>PROPERTY LIST</small>		
<small>TREATMENT INTERIOR: Electroless nickel, Uralane EXTERIOR: Class 2 Inhib</small>				<small>MATERIAL Al 6061-T6</small>		
<small>FRESH</small>				<small>Utah State University - University of Washington - Virginia Tech</small>		
<small>APPROVALS</small>				<small>TITLE</small>		
<small>DRAWN Schwartz, J.</small>				<small>Battery Box Cover</small>		
<small>CHECKED Bergquist, A.</small>				<small>DATE 18/10/01</small>		
<small>SIMILAR TO</small>				<small>SIZE Non-FC</small>		
<small>REV 0.19 lb</small>				<small>DWG NO UWB002</small>		
<small>DATE 08/11/01</small>				<small>REV 2</small>		
<small>SCALE 3:2</small>				<small>SHEET 1 of 1</small>		

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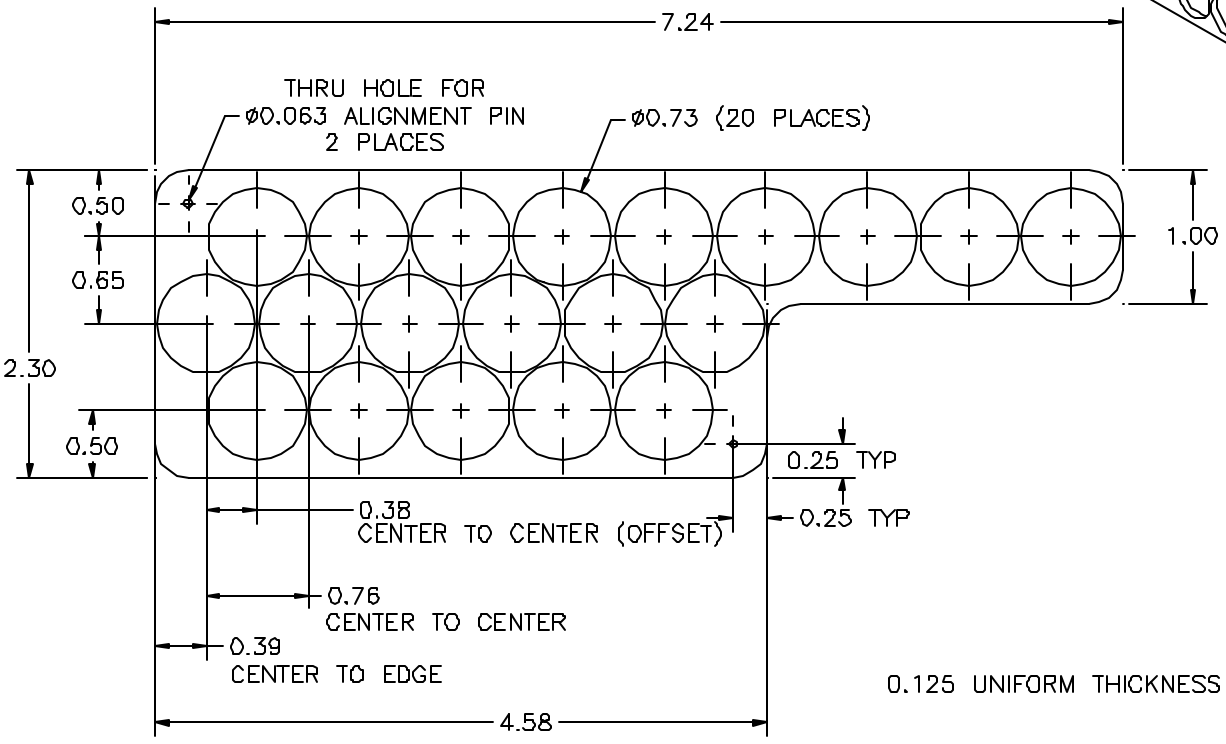
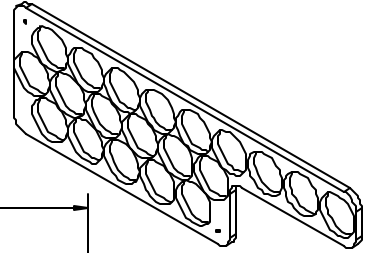
3

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REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

USE ALIGNMENT PIN HOLES TO PLACE
MATCHING HOLES IN RETAINERS



0.125 UNIFORM THICKNESS

ALL DIMENSIONS ±0.005
UNLESS OTHERWISE SPECIFIED

DWG NO. UWB003 1 of 1 REV 2

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REV	DATE	BY	CHKD	APP'D	DESCRIPTION

CITY STATE ZIP PHONE NO.	FORM NO. DATE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FINISHES: DECIMALS ANGLES ±.01 ±.05 ±.005 ±.01 ±.05 DO NOT SCALE DRAWING			MATERIAL Al 6061-T6	ION-F Utah State University - University of Washington - Virginia Tech	
TREATMENT Electroless nickel, Uralane	APPROVALS Schwartz, J.	DATE 18/10/01	TITLE Battery Box Internal Shelf		
FINISH	CHECKED Bergquist, A.	DATE 07/11/01	SIZE Non-FC	DWG NO. UWB003	REV 2
SIMILAR TO	MFG. WT. 0.06 lb	DESIGNED Schwartz, J.	DATE 08/11/01	SCALE 3:2	SHEET 1 of 1

4

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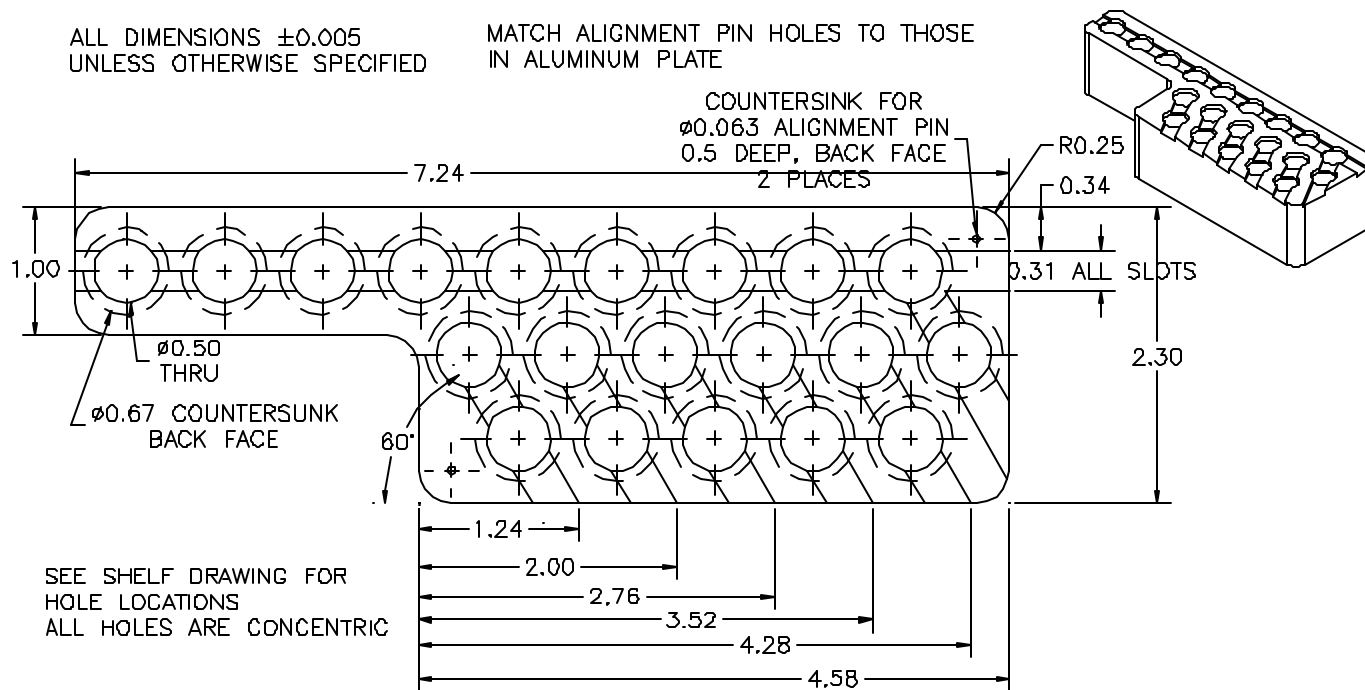
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REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

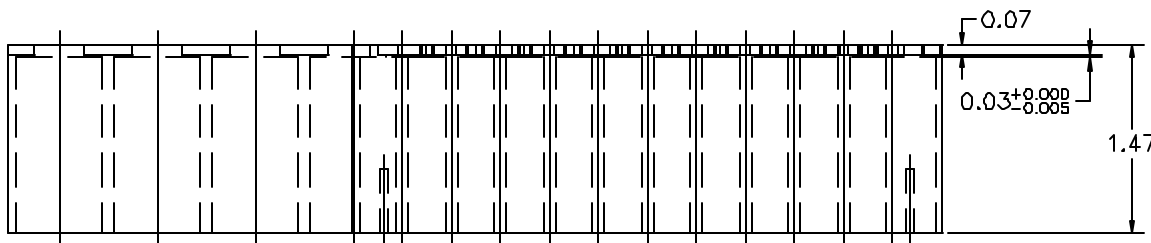
ALL DIMENSIONS ±0.005 UNLESS OTHERWISE SPECIFIED

MATCH ALIGNMENT PIN HOLES TO THOSE IN ALUMINUM PLATE

COUNTERSINK FOR Ø0.063 ALIGNMENT PIN 0.5 DEEP, BACK FACE 2 PLACES



SEE SHELF DRAWING FOR HOLE LOCATIONS ALL HOLES ARE CONCENTRIC



BREAK TOP EDGES TO MINIMUM DEPTH OF 0.06

BY	REV	FORM NO	PART OR IDENTIFYING NO	NONNOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	ITEM NO
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE FRACTIONS DECIMALS ANGLES ±.01 ±.005 ±.05° DO NOT SCALE DRAWING				MATERIAL Delrin Utah State University - University of Washington - Virginia Tech		
TREATMENT				APPROVALS	DATE	TITLE
FINISH				DRAWN	18/10/01	Battery Box Rear Retainer
SIMILAR TO				CHECKED	07/11/01	SIZE
0.88 lb				ISSUED	08/11/01	FRACTURE STATUS
				SCALE	3:2	DWG NO.
				DATE	08/11/01	UWB04
				SCALE	3:2	REV
				DATE	08/11/01	2
				SCALE	3:2	SHEET
				DATE	08/11/01	1 of 1

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UWB04 1 of 1 2

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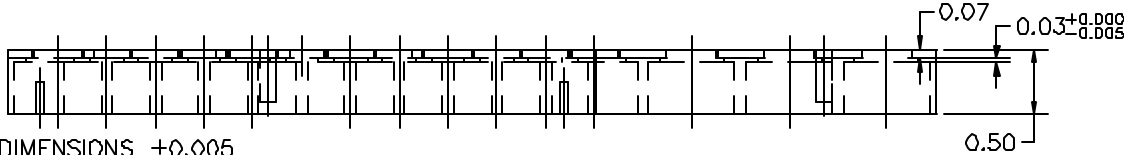
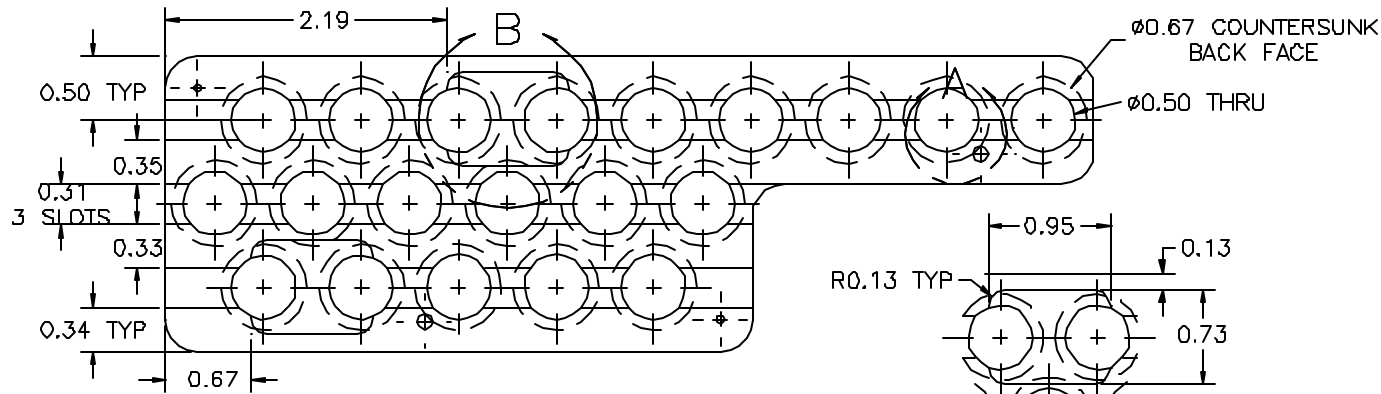
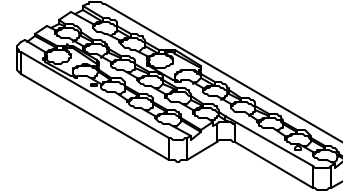
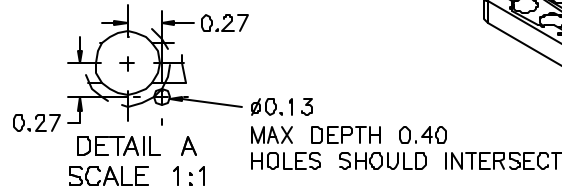
2

1

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

SEE SHELF DRAWING FOR HOLE LOCATIONS
ALL HOLES ARE CONCENTRIC

SEE REAR RETAINER DRAWING FOR
PART SIZE, HOLE DIAMETERS AND
ALIGNMENT PIN DETAILS



ALL DIMENSIONS ± 0.005
UNLESS OTHERWISE SPECIFIED

MATCH ALIGNMENT PIN HOLES TO THOSE
IN ALUMINUM PLATE

BREAK TOP EDGES TO MINIMUM DEPTH OF 0.06

BY	REV	FORM NO	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	ITEM NO
<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± 0.01" ± 0.05" DO NOT SCALE DRAWING</small>				<small>MATERIAL</small> Delrin Utah State University - University of Washington - Virginia Tech		
<small>TREATMENT</small> FRESH				<small>APPROVALS</small> Schwartz, J.	<small>DATE</small> 18/10/01	<small>TITLE</small> Battery Box Front Retainer
<small>SIMILAR TO</small>				<small>CHECKED</small> Bergquist, A.	<small>DATE</small> 07/11/01	<small>SIZE</small> Non-FC
<small>SCALE</small> 3:2				<small>ISSUED</small> Schwartz, J.	<small>DATE</small> 08/11/01	<small>UWG NO.</small> UWBB05
<small>SCALE</small> 3:2				<small>REV</small> 2		<small>REV</small> 2
<small>SCALE</small> 3:2				<small>SCALE</small> 3:2		<small>SH</small> 1 of 1

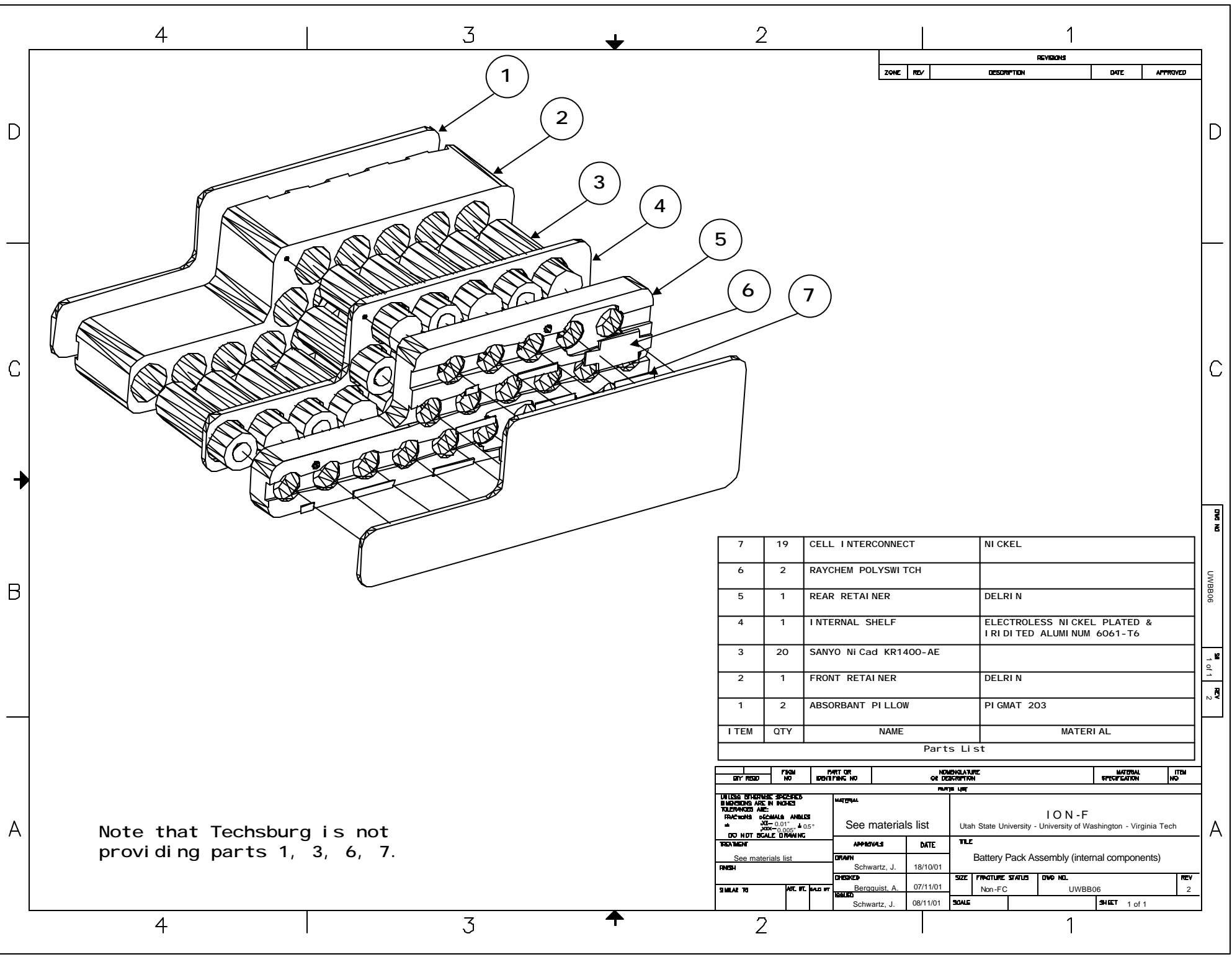
4

3

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1

UWBB05
1 of 1
REV 2



Note that Techsburg is not providing parts 1, 3, 6, 7.

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

ITEM	QTY	NAME	MATERIAL
7	19	CELL INTERCONNECT	NI CKEL
6	2	RAYCHEM POLYSWITCH	
5	1	REAR RETAINER	DELRI N
4	1	INTERNAL SHELF	ELECTROLESS NI CKEL PLATED & IRI DIT ED ALUMI NUM 6061-T6
3	20	SANYO Ni Cad KR1400-AE	
2	1	FRONT RETAINER	DELRI N
1	2	ABSORBANT PILL OW	PI GMAT 203

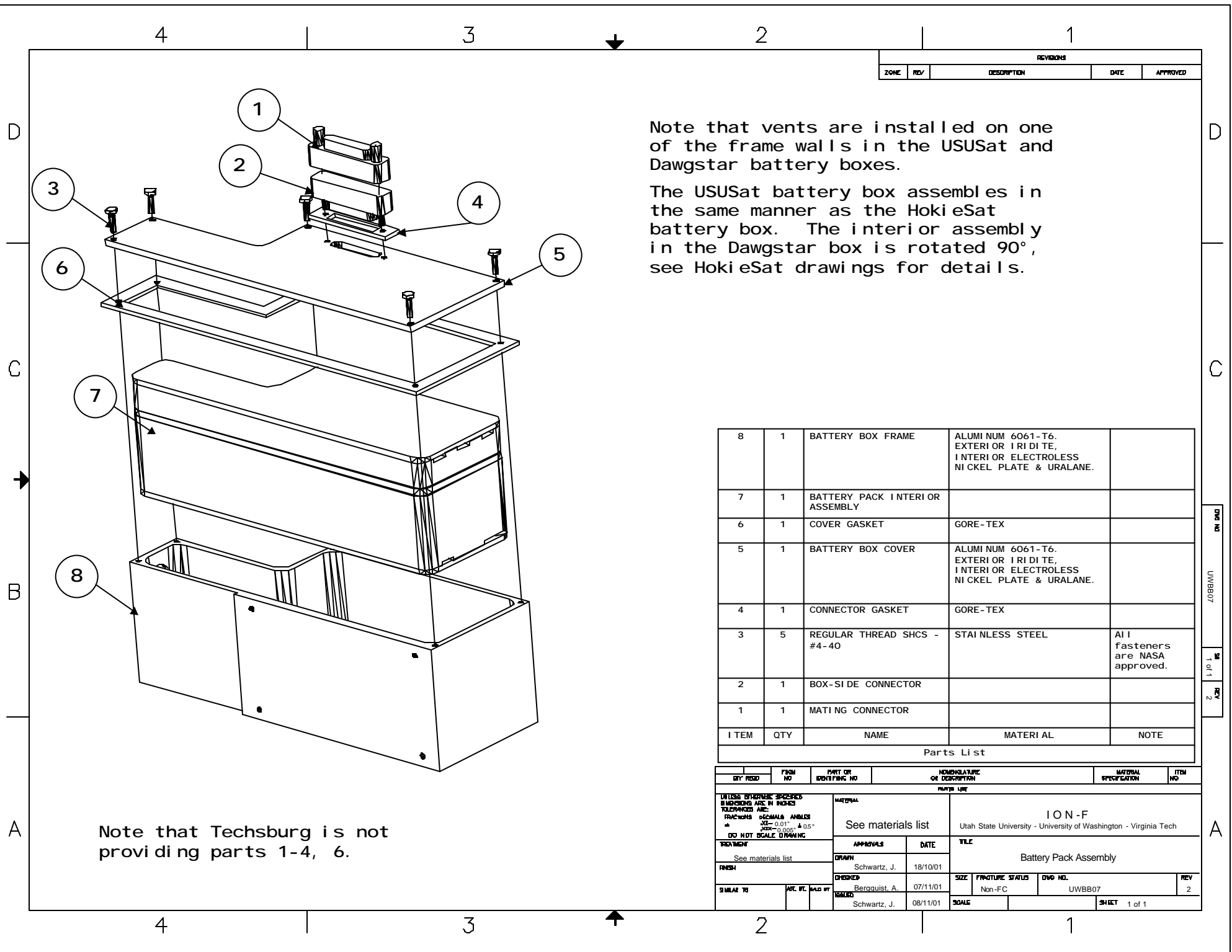
Parts List

REV	BY	CHKD	DATE	PART OR IDENTIFYING NO	QUANTITY	DESCRIPTION	MATERIAL SPECIFICATION	ITEM NO

<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ±.01" ±.05" ±.005" DO NOT SCALE DRAWING</small>	MATERIAL See materials list	TITLE ION-F Utah State University - University of Washington - Virginia Tech
TREATMENT See materials list	APPROVALS DRAWN Schwartz, J. 18/10/01 CHECKED Bergquist, A. 07/11/01 ISSUED Schwartz, J. 08/11/01	SCALE 1 of 1

UWB06 1 of 1 2

A



Note that Techsburg is not providing parts 1-4, 6.

Note that vents are installed on one of the frame walls in the USUSat and Dawgstar battery boxes.

The USUSat battery box assembles in the same manner as the HokieSat battery box. The interior assembly in the Dawgstar box is rotated 90°, see HokieSat drawings for details.

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

ITEM	QTY	NAME	MATERIAL	NOTE
8	1	BATTERY BOX FRAME	ALUMI NUM 6061-T6, EXTERIOR IRI DI TE, INTERIOR ELECTROLESS NICKEL PLATE & URALANE.	
7	1	BATTERY PACK INTERIOR ASSEMBLY		
6	1	COVER GASKET	GORE-TEX	
5	1	BATTERY BOX COVER	ALUMI NUM 6061-T6, EXTERIOR IRI DI TE, INTERIOR ELECTROLESS NICKEL PLATE & URALANE.	
4	1	CONNECTOR GASKET	GORE-TEX	
3	5	REGULAR THREAD SHCS - #4-40	STAINLESS STEEL	All fasteners are NASA approved.
2	1	BOX-SIDE CONNECTOR		
1	1	MATING CONNECTOR		

Parts List

BY	REV	FORM NO	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	ITEM NO
<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FINISHES: DECIMALS ANGLES: ±0.01" ±0.5° ±0.005" DO NOT SCALE DRAWING</small>				<small>MATERIAL</small> See materials list		
<small>TREATMENT</small> See materials list				<small>APPROVALS</small> Schwartz, J. 18/10/01		<small>DATE</small> 18/10/01
<small>DRAWN</small> Schwartz, J.				<small>TITLE</small> ION-F Utah State University - University of Washington - Virginia Tech Battery Pack Assembly		
<small>FINISH</small> See materials list				<small>CHECKED</small> Bergquist, A. 07/11/01		<small>DATE</small> 07/11/01
<small>SIMILAR TO</small> See materials list				<small>ISSUED</small> Schwartz, J. 08/11/01		<small>DATE</small> 08/11/01
<small>SCALE</small> See materials list				<small>SIZE</small> Non-FC		<small>FRACTURE STATUS</small> Non-FC
<small>SCALE</small> See materials list				<small>OWB NO.</small> UWBB07		<small>REV</small> 2
<small>SCALE</small> See materials list				<small>SCALE</small> See materials list		<small>SHET</small> 1 of 1

DWG NO
 UWBB07
 1 of 1
 REV
 2