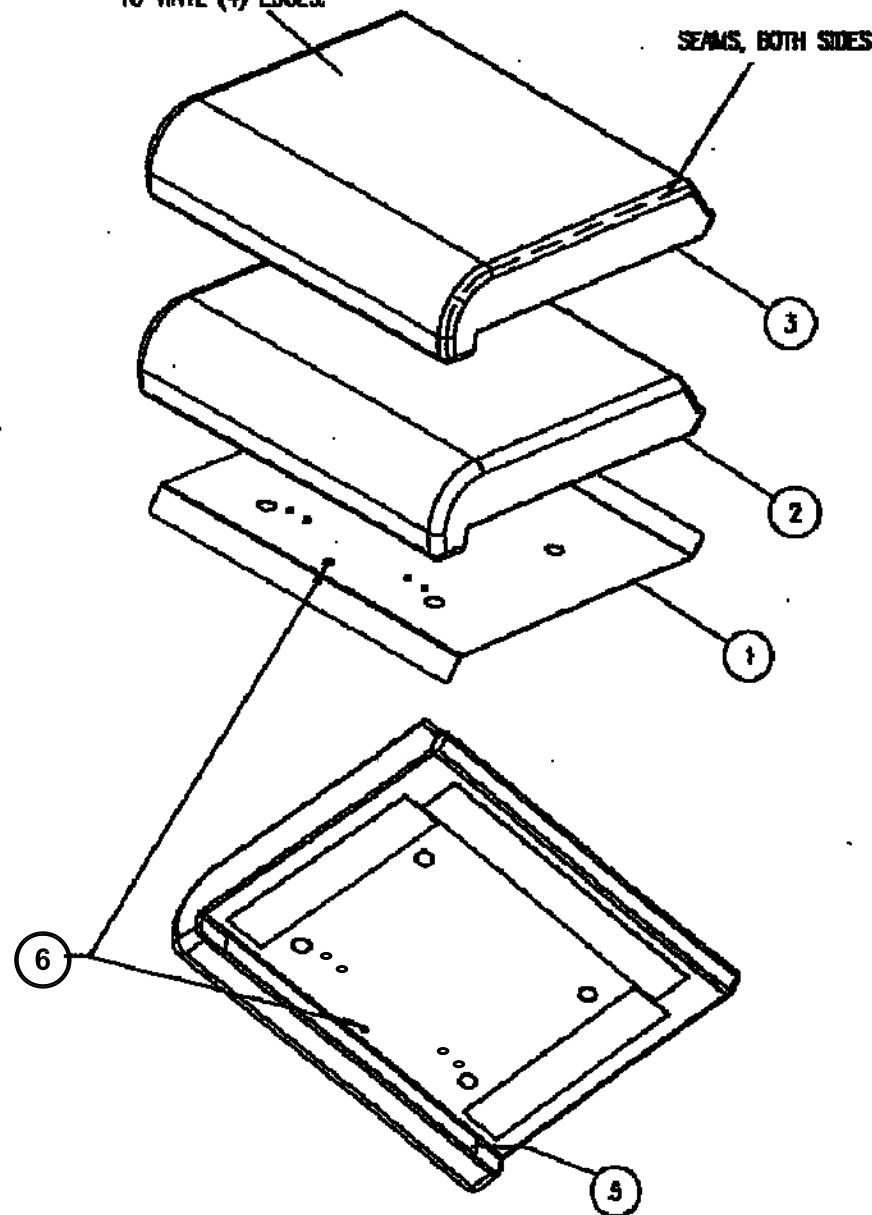


ASSEMBLY, SEAT BOTTOM, 37" (00)

1" APPLIX #800 LOOP SEWN TO VINYL (4) EDGES.



GENERAL NOTES:

1. A18-11-7000, CHESAPEAKE SAND: NEW ASSEMBLY P/N.
2. V18-11-7000, CHESAPEAKE SAND: VENDOR REWORK P/N.
3. SAMPLES WILL BE PROVIDED FOR PRODUCTION PURPOSES.
4. FOAM BONDED TO PAN WITH K-GRIP 200 CONTACT ADHESIVE.
5. DEBURR AND REMOVE ALL SHARP EDGES AND CORNERS.
6. DIMENSION UNITS ARE INCHES [MILLIMETERS].

CONTROLLED

Item No.	QTY	P/N	Description	Material/Spec	Weight/Dimensions
07	1		LABEL, (DESCRIPTION, MFG, P/N)	PAINTED STENCIL OR INDELIBLE INK LABEL	>1.5" x 6"
06	1	RAMCO RS10-807 OR EQUAL	10-32 RIVIT NUT	STEEL, ZINC PLATED	
05	2		APPLIX, 2"x13.50", #800 HOOK, PAIHO R2001H-25 OR EQUAL	POLYAMIDE	2"x13.50"
04	2		APPLIX, 2"x10.75", #800 HOOK, PAIHO R2001H-25 OR EQUAL	POLYAMIDE	2"x10.75"
03	1		UPHOLSTERY, COVER, BOTTOM, 37"	OMNOVA PREVAILL W/PREFFIX SEE SHEET 4	
02	1		FOAM, BOTTOM CUSHION, 37"	FOAM CHESTNUT RIDGE SAFEGUARD XL MEDIUM-HIGH DENSITY NEOPRENE	
01	1		BOTTOM PAN, 37"	LOW CARBON STEEL, COMMERCIAL QUALITY QUALITY IN ACCORDANCE W/ASTM A-366	.06 THK
00	1		ASSEMBLY, SEAT BOTTOM, 37"		

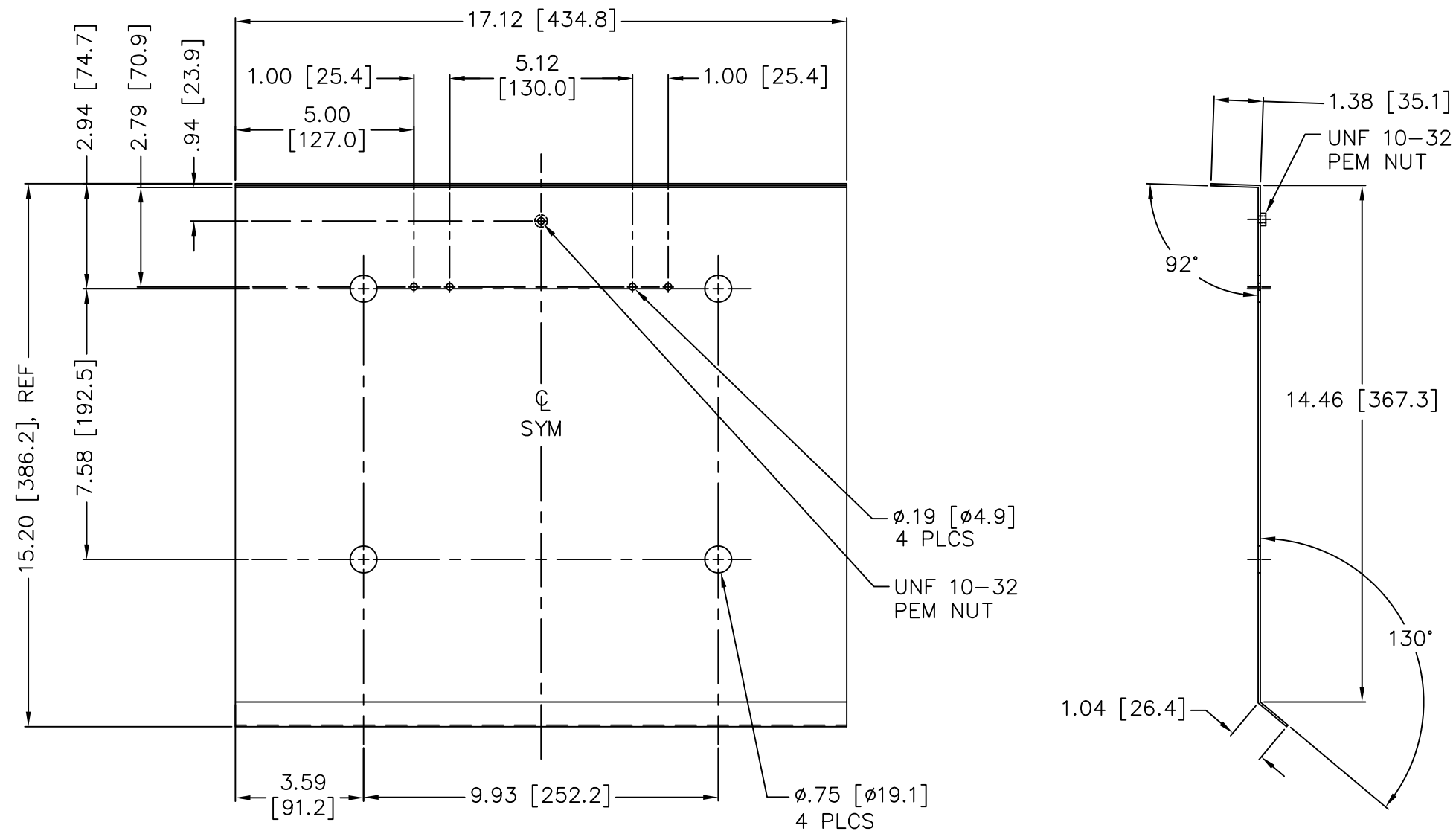
Rev.	Description & Date
D	REMOVED ALIGNMENT CLIPS. REVISED BOM. 12JUN12 ALC
C	PAGE 10F5, REVISED BOM AND GENERAL NOTES. PAGE 20F5, REVISED LOCATION OF CLIP HOLES. PAGE 30F5, ADDED BOTTOM CLIP. PAGE 40F5, REVISED/ADDED MAT'L ID P/N. 21MAR12 ALC
B	REMOVED REFERENCE TO WMATA SPECIFICATIONS, CHAPTER 10.0, PAGE 4. 06FEB12 ALC
A	REVISED UPHOLSTERY COVERS AS PER VENDOR PROVIDED DATA. 05JAN12 ALC
-	INITIAL RELEASE 16MAY11 ALC

UNLESS OTHERWISE SPECIFIED
FRACTIONS ±1/16"
DECIMALS .X
.XX±.03 [.76]
.XXX±.01 [.25]
ANGLES ±1°
UPHOLSTERY ±.25 [6.35]
Undim. Wall Thk.:
Undim. Radii:

Drawn by:	Int.	Date:
A.CREECH	ALC	16MAY11
Engr. Approval:	Int.	Date:
Approved by:	Int.	Date:
Undim. Edges:	Scale:	
	NOT TO SCALE	

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Sheet Size:	Next Assembly:
B	

 WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY	Title:	6K SERIES ASSEMBLY, SEAT BOTTOM, 37" CAR BODY
	Part. No.:	A18-11-7000
Dwg. No.:	WDA18117000-D	Sheet: 1 of 4



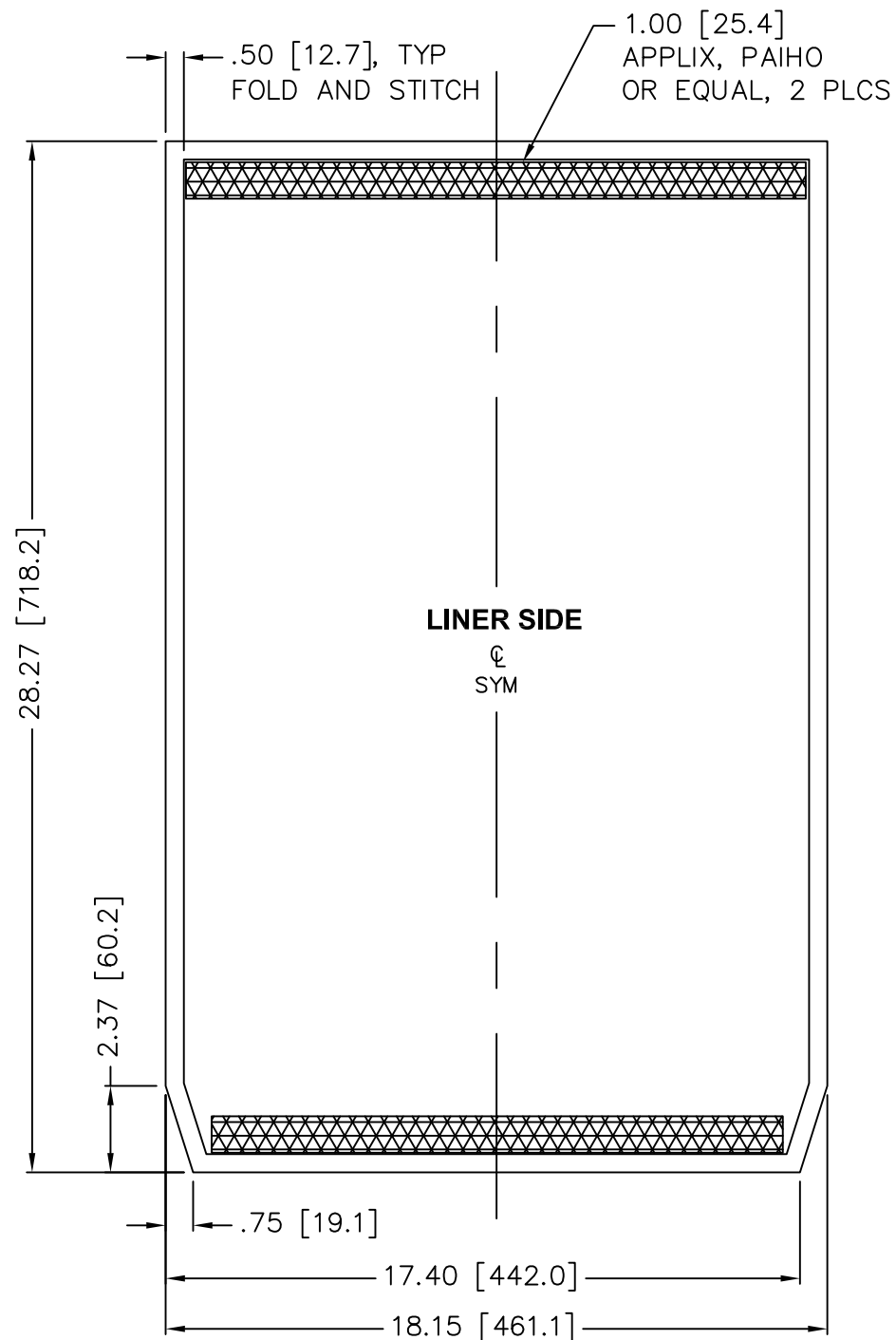
BOTTOM PAN, 37" (01)
PART IS SYMMETRICAL ABOUT CENTERLINE

CONTROLLED

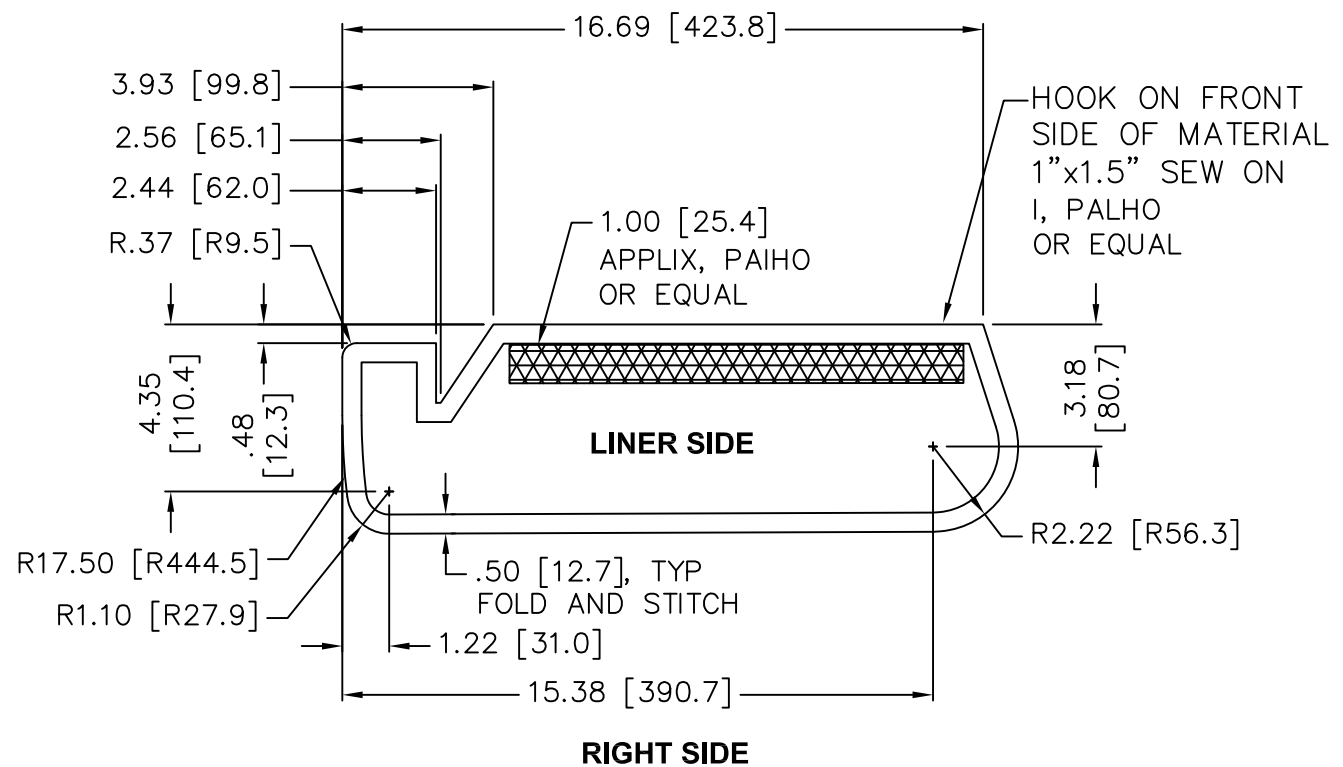
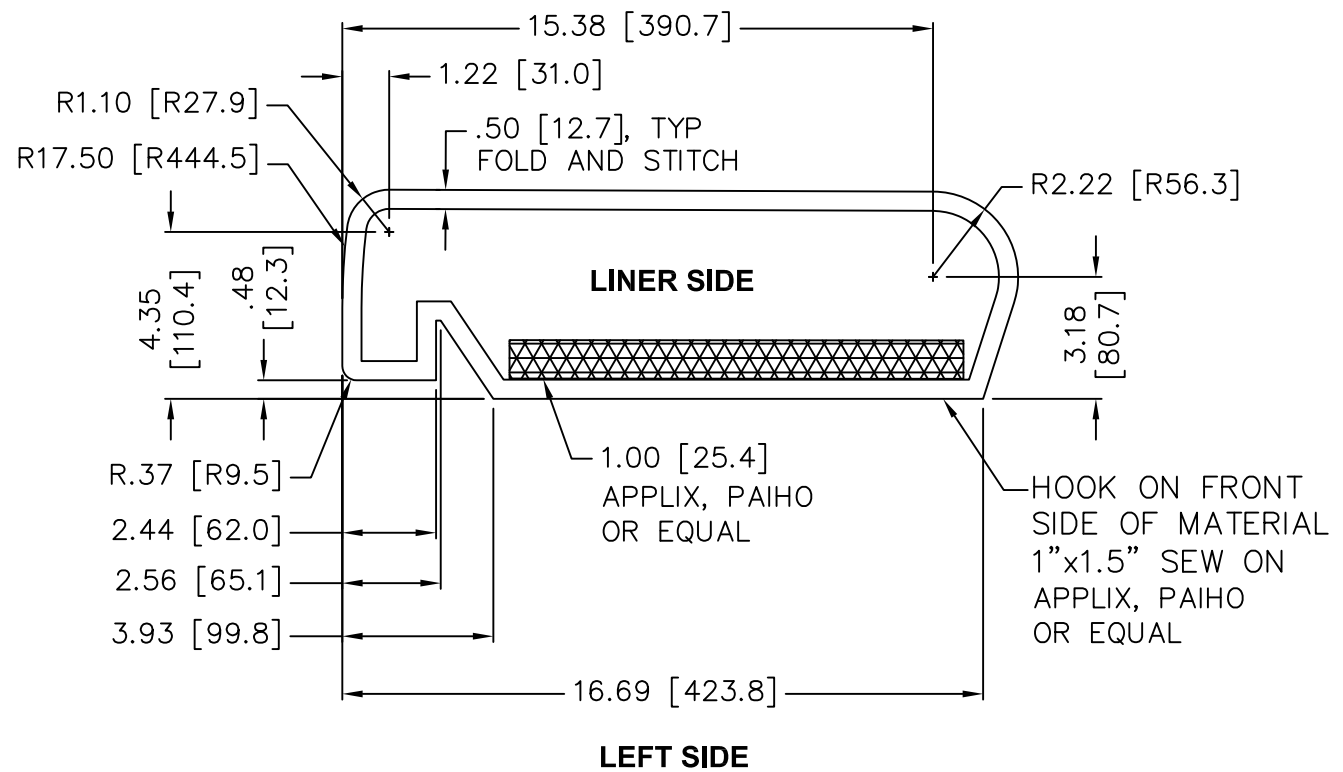
GENERAL NOTES:

1. PAINT: SEE APPROVED PRODUCTS, SHEET 4 OF 4.
2. DEBURR AND REMOVE ALL SHARP EDGES AND CORNERS.
3. SAMPLES WILL BE PROVIDED FOR PRODUCTION PURPOSES.

D	REMOVED ALIGNMENT CLIPS. REVISED BOM. 12JUN12 ALC	UNLESS OTHERWISE SPECIFIED FRACTIONS $\pm 1/16"$ DECIMALS .X .XX \pm .03 [.76] .XXX \pm .01 [.25]	Drawn by: Int. Date: A.CREECH <i>ALC</i> 16MAY11	IF THIS DOCUMENT IS NOT MARKED "CONTROLLED" IN RED, THEN IT SHOULD BE USED AS REFERENCE ONLY.	M metro WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
	C		PAGE 10F5, REVISED BOM AND GENERAL NOTES. PAGE 20F5, REVISED LOCATION OF CLIP HOLES. PAGE 30F5, ADDED BOTTOM CLIP. PAGE 40F5, REVISED/ADDED MAT'L ID P/N. 21MAR12 ALC		
B	REMOVED REFERENCE TO WMATA SPECIFICATIONS, CHAPTER 10.0, PAGE 4	ANGLES $\pm 1^\circ$ UPHOLSTERY \pm .25 [6.35]	Approved by: Int. Date:	THE DESIGN, CONCEPT AND INFORMATION CONTAINED IN THIS DRAWING IS PROPRIETARY TO WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY AND MAY NOT BE REPRODUCED, USED OR DISCLOSED WITHOUT WRITTEN PERMISSION OF SAID COMPANY.	Title: 6K SERIES BOTTOM PAN, 37" CAR BODY
A	REVISED UPHOLSTERY COVERS AS PER VENDOR PROVIDED DATA. 05JAN12 ALC	Undim. Wall Thk.: Undim. Radii:	Undim. Edges: Scale: 1:0.25		
—	INITIAL RELEASE 16MAY11 ALC				Dwg. No.: WDA18117000-D
Rev.	Description & Date				Sheet: 2 of 4



UPHOLSTERY, COVER, BOTTOM, 37" (3)
MATERIAL IS SYMMETRICAL ABOUT CENTERLINE



CONTROLLED

GENERAL NOTES:

- SAMPLES WILL BE PROVIDED FOR PRODUCTION PURPOSES.

D	REMOVED ALIGNMENT CLIPS. REVISED BOM. 12JUN12 ALC	UNLESS OTHERWISE SPECIFIED FRACTIONS ±1/16" DECIMALS .X .XX±.03 [.76] .XXX±.01 [.25]	Drawn by: Int. Date:	IF THIS DOCUMENT IS NOT MARKED "CONTROLLED" IN RED, THEN IT SHOULD BE USED AS REFERENCE ONLY.	WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
	C		PAGE 10F5, REVISED BOM AND GENERAL NOTES. PAGE 20F5, REVISED LOCATION OF CLIP HOLES. PAGE 30F5, ADDED BOTTOM CLIP. PAGE 40F5, REVISED/ADDED MAT L ID P/N. 21MAR12 ALC		
B	REMOVED REFERENCE TO WMATA SPECIFICATIONS, CHAPTER 10.0, PAGE 4	ANGLES ±1° UPHOLSTERY ±.25 [6.35]	Approved by: Int. Date:	THE DESIGN, CONCEPT AND INFORMATION CONTAINED IN THIS DRAWING IS PROPRIETARY TO WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY AND MAY NOT BE REPRODUCED, USED OR DISCLOSED WITHOUT WRITTEN PERMISSION OF SAID COMPANY.	Title: 6K SERIES UPHOLSTERY, COVER, BOTTOM, 37" CAR BODY
A	REVISED UPHOLSTERY COVERS AS PER VENDOR PROVIDED DATA. 05JAN12 ALC	Undim. Wall Thk.: Undim. Radii:	Undim. Edges: Scale: 1:0.2	Sheet Size: B	Part. No.: A18-11-7000
-	INITIAL RELEASE 16MAY11 ALC			Next Assembly:	Dwg. No.: WDA18117000-D
Rev.	Description & Date				Sheet: 3 of 4

PHYSICAL PROPERTIES, FOAM

TENSILE STRENGTH:
 5.0 lbf/in² MINIMUM WHEN TEST TO ASTM D-3574 TEST E.
 ELONGATION:
 70% MINIMUM WHEN TESTED TO ASTM D-3574 TEST E.
 COMPRESSION:
 SET AT 50%, 15% MAXIMUM WHEN TESTED ACCORDING TO ASTM D-1055.
 FLEX FATIGUE:
 THICKNESS LOSS 5% MAXIMUM WHEN TESTED ACCORDING TO ASTM D-1055.
 TEAR STRENGTH:
 2.0 lbf/in² MINIMUM WHEN TESTED TO ASTM D-3574.
 INDENTATION FORCE DEFLECTION (IFD):
 INTERIOR SEAT BACK IFD 32±8 lbf
 INTERIOR SEAT BOTTOM IFD 42±8 lbf
 DYNAMIC FATIGUE CONSTANT FORCE POUNDING:
 35 MAXIMUM WHEN TESTED ACCORDING TO ASTM D-3574-95 TEST 13 80,000 CYCLES,
 IFD LOSS AT .40% DEFLECTION.
 RESILIENCY:
 25% MINIMUM WHEN TESTED ACCORDING TO ASTM D-3574-95, TEST H

SMOKE, FLAME AND TOXICITY REQUIREMENTS

ASTM D-3675 I <25
 ASTM E-662 Ds (1.5) <100
 ASTM E-662 Ds (4.0) <175
 TOXICITY:
 BOMBARDIER SMP 800-C.

SEAT COVER CHARACTERISTICS

STITCHING

HIGH QUALITY BONDED NYLON THREAD, LEFT TWIST, LUBED, COLORFAST OR EQUIVALENT. FIVE (5) THREADS PER INCH. BACKSTITCH >1/2" FROM SEAM ENDS INCLUDING VELCRO STITCHING.

UPHOLSTERY

THE SEAT UPHOLSTERY MATERIAL SHALL BE MADE OF INDUSTRIAL GRADE FABRIC-BACKED VINYL WHICH IS SUITABLE FOR USE IN THE TRANSIT ENVIRONMENT, MINIMUM WITH A WEIGHT OF 24 OUNCES PER SQUARE YARD.

SEAT COVER CHARACTERISTICS – CONTINUED

THE MATERIAL SHALL BE CAPABLE OF PASSING ALL OF THE FOLLOWING PHYSICAL TESTS FOR TEXTILE PRODUCT.

TEST METHOD	DESCRIPTION	CRITERIA
AATCC-1 6A	COLORFASTNESS-200 HRS	CLASS 5 (NO CHANGE)
ASTM D-751	WEIGHT	24 oz./sq.yd. (MIN.)
ASTM D-751	TENSILE STRENGTH (GRAB)	120 MD*x110 CMD** (POUNDS)
ASTM D-751	SEAM STRENGTH	95 MD*x85 CMD** (POUNDS)
ASTM D-751	TEAR STRENGTH (TONGUE)	8 MD*x8 CMD** (POUNDS)
ASTM D-751	ADHESION OF COATING (lb./2in)	6 MD*x6 CMD** (POUNDS)
ASTM D-751	BLOCKING	SCALE RATING NO. 2 MAX. (175°F-30min.)
ASTM D-1308	STAIN RESISTANCE	SCALE RATING NO. 4 MIN.
ASTM D-2097	FLEXING (30,000 CYCLES)	NO CRACKING OR FLAKING
ASTM D-4157-92	ABRASION (500,000 CYCLES)	NO WEAR THROUGH (#8 COTTON DUCK ABRADANT)
ASTM D-5733	TEAR STRENGTH (TRAPEZOID)	30 MD*x30 CDM** (POUNDS)
ASTM E-662	SMOKE GENERATION	Ds (4.0), </=200 (COATED), Ds (4.0) </=125 (UNCOATED)
FAR 25.853b	FIRE TEST	SE<10 sec. NO FLAMING DRIPPING
CFFA-6a	COLD CRACK	-20°F MIN.
TOXICITY	BOMBARDIER	SMP 800-C

MD* – DESIGNATES MACHINE DIRECTION
 CMD** – DESIGNATES CROSS MACHINE DIRECTION
 NOTE: THE STITCH SHALL BE LOCK TYPE IN ACCORDANCE WITH FEDERAL SPECIFICATIONS 30.1

MATERIAL IDENTIFICATION - SEAT BACK

WMATA P/N


THREAD COLOR

CHESAPEAKE SAND T510 SADDLE.....	A18-11-7000 V18-11-7000	BEIGE E NYLON TYPE 2 CLASS A VT 295E 751Q
BURGUNDY T508 SADDLE.....	N/A	WINE E NYLON TYPE 2 CLASS A VT295E 787Q
POTOMAC BLUE T509 SADDLE.....	N/A	YALE BLUE E NYLON TYPE 2 CLASS A VT295E 764Q

APPROVED PRODUCTS

VINYL – OMNOVA SOLUTIONS, INC.
 FOAM – CHESTNUT RIDGE FOAM, INC
 PAINT – **NEW** –POWDER COAT ANSI GRAY (PAS6-C001)
REPAIR –POLYURETHANE SHERWIN-WILLIAMS POLANE,
 ANSI GRAY OR EQUAL. SAND PRIOR TO PAINT.
 HOOK-AND-LOOP FASTENER – APPLIX #800 OR PAIHO TRIHOOK

CONTROLLED

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—	INITIAL RELEASE 16MAY11 ALC				Part. No.: A18-11-7000
Rev.	Description & Date				Dwg. No.: WDA18117000-D
					Sheet: 4 of 4