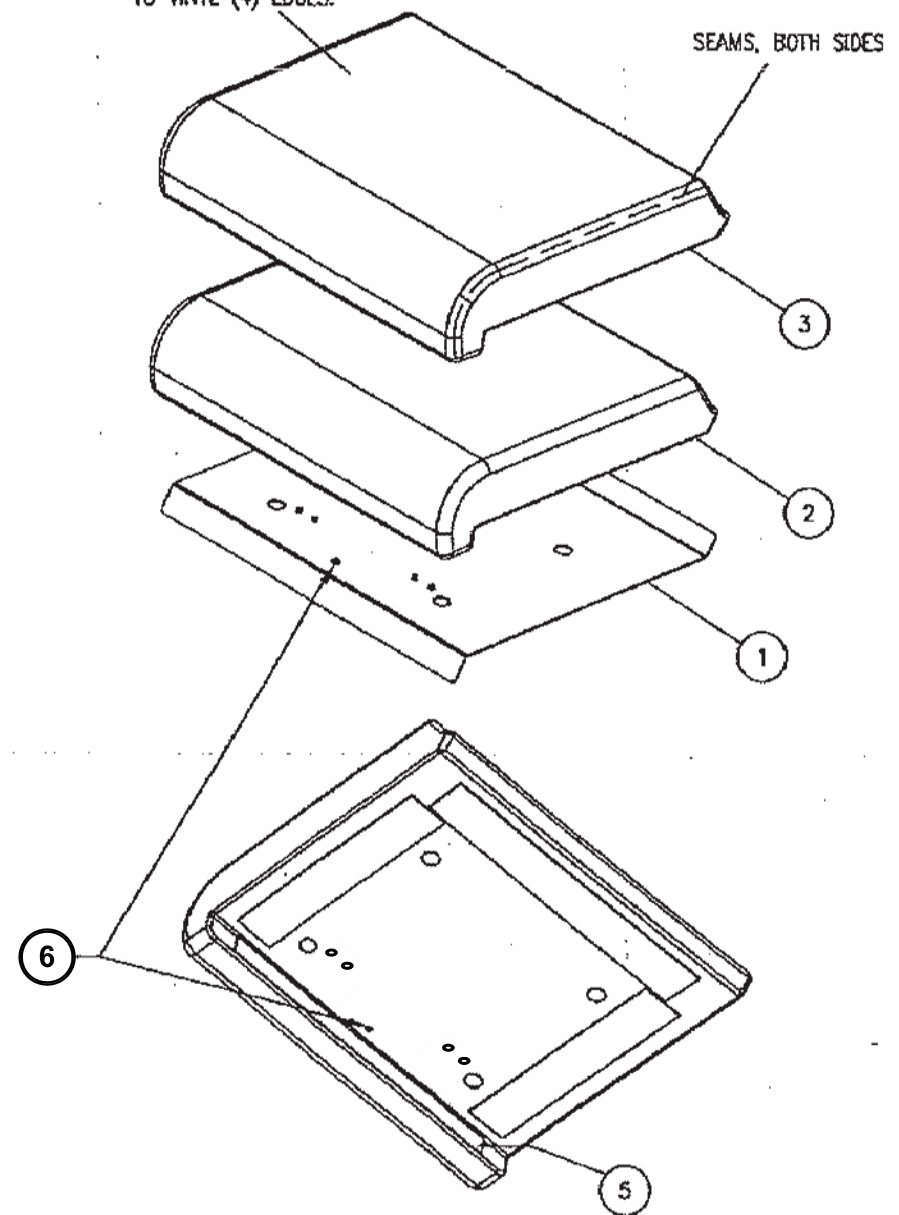


ASSEMBLY, SEAT BOTTOM, 39" (00)

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



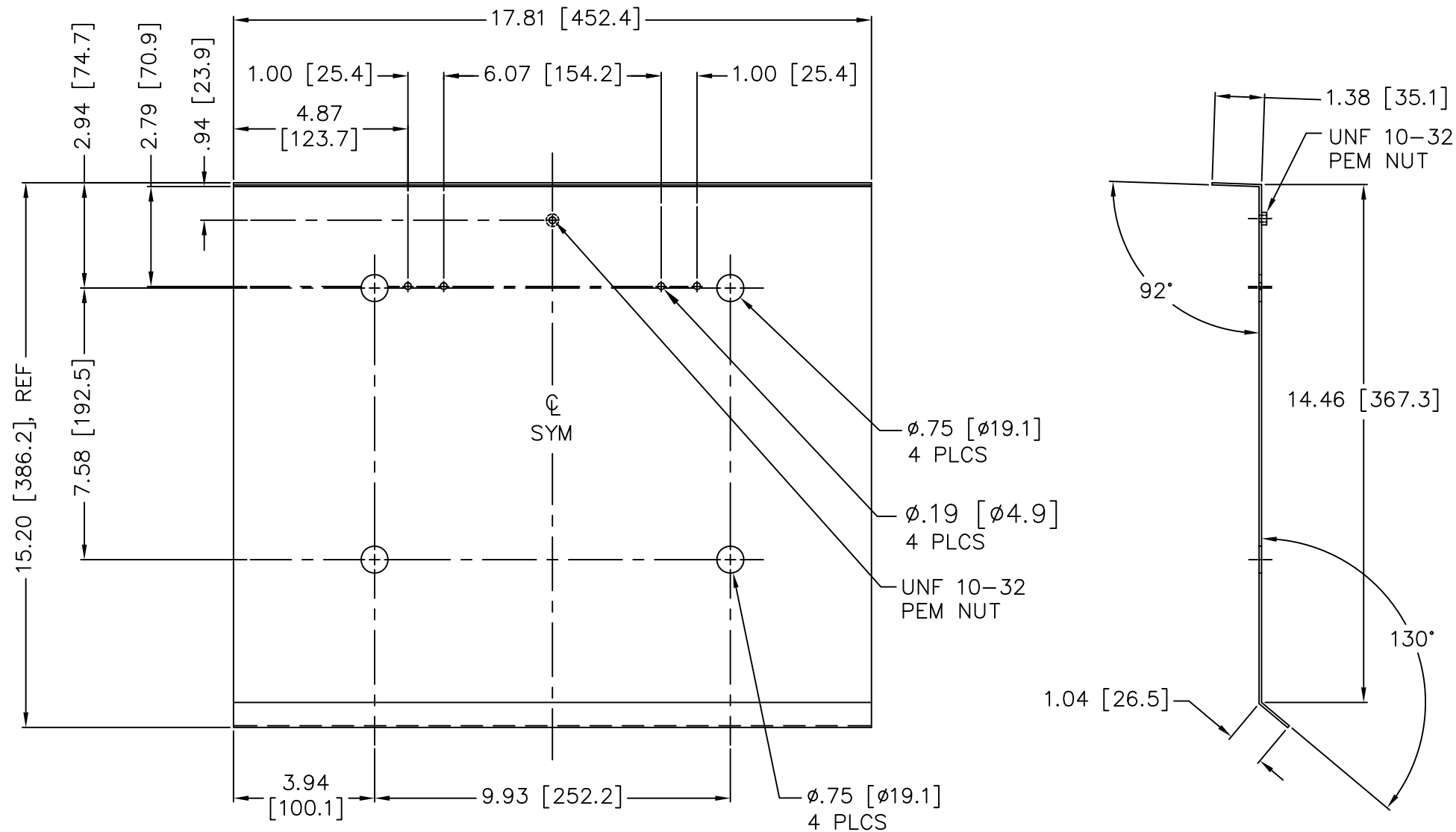
GENERAL NOTES:

1. A18-11-7001, BURGUNDY; A18-11-7003, POTOMAC BLUE; A18-11-7006, CHESAPEAKE SAND: NEW ASSEMBLY P/N'S.
2. V18-11-7001, BURGUNDY; V18-11-7003, POTOMAC BLUE; V18-11-7006 CHESAPEAKE SAND: VENDOR REWORK P/N'S
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"x14.25", #800 HOOK PAIHO R2001H-25 OR EQUAL	POLYAMIDE	2"x14.25"
04	2		APPLIX, 2"x10.75", #800 HOOK PAIHO R2001H-25 OR EQUAL	POLYAMIDE	2"x10.75"
03	1		UPHOLSTERY, COVER, BOTTOM, 39"	OMNOVA PREVAILL W/PREFIXX SEE SHEET 4	
02	1		FOAM, BOTTOM CUSHION, 39"	FOAM CHESTNUT RIDGE SAFEGUARD XL, MEDIUM DENSITY NEOPRENE	
01	1		BOTTOM PAN, 39"	LOW CARBON STEEL, COMMERCIAL QUALITY QUALITY IN ACCORDANCE W/ASTM A-366	.06 THK
00	1		ASSEMBLY, SEAT BOTTOM, 39"		

UNLESS OTHERWISE SPECIFIED FRACTIONS ±1/16" DECIMALS .X .XX±.03 [.76] .XXX±.01 [.25] ANGLES ±1° UPHOLSTERY ±.25 [6.35]	Drawn by: A.CREECH Int. Date: 11MAY12 Engr. Approval: [Signature] Approved by: [Signature] Int. Date:	IF THIS DOCUMENT IS NOT MARKED "CONTROLLED" IN RED, THEN IT SHOULD BE USED AS REFERENCE ONLY.	M metro WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY Title: 1K - 6K SERIES ASSEMBLY, SEAT BOTTOM, 39" CAR BODY
INITIAL RELEASE 11MAY12 ALC	Undim. Wall Thk.: Undim. Radii: Undim. Edges:	Scale: NOT TO SCALE Sheet Size: B Next Assembly:	Part. No.: A18-11-7001 Dwg. No.: WDA18117001 Sheet: 1 of 4




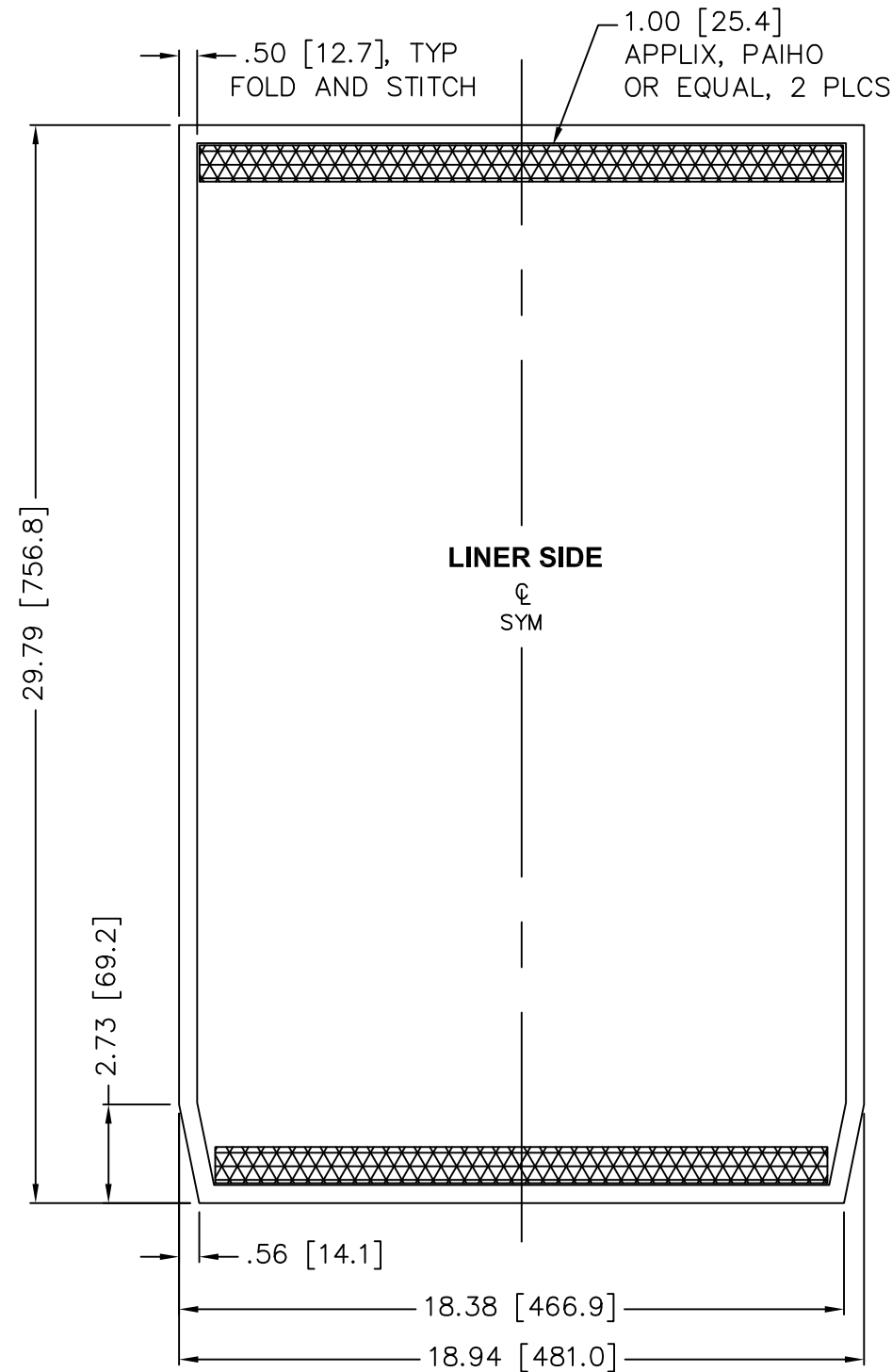
BOTTOM PAN, 39" (01)
PART IS SYMMETRICAL ABOUT CENTERLINE

CONTROLLED

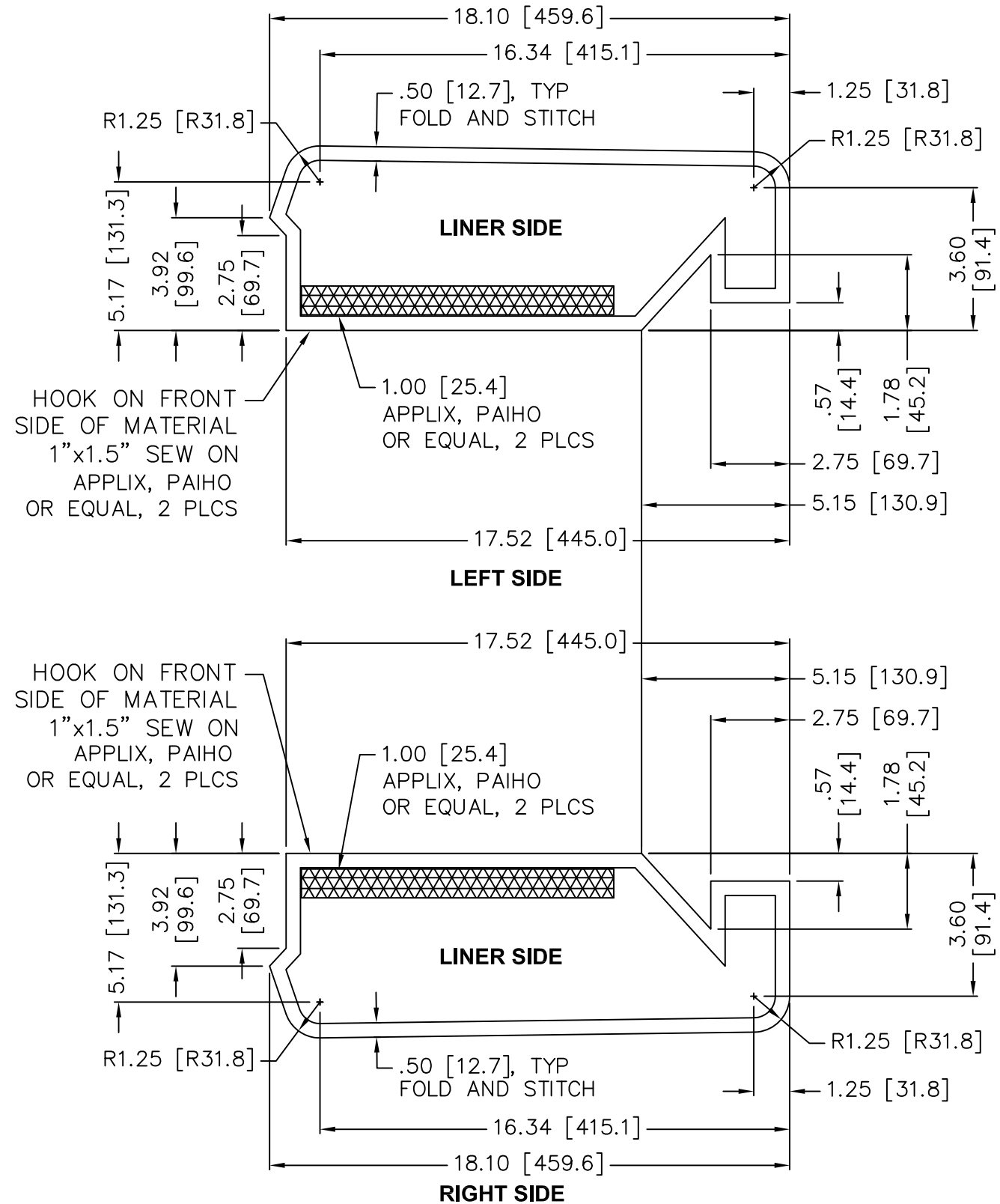
GENERAL NOTES:

1. PAINT: SEE APPROVED PRODUCTS SHEET 5 OF 5.
2. DEBURR AND REMOVE ALL SHARP EDGES AND CORNERS.
3. SAMPLES WILL BE PROVIDED FOR PRODUCTION PURPOSES.

—	INITIAL RELEASE	11MAY12 ALC	UNLESS OTHERWISE SPECIFIED FRACTIONS ±1/16" DECIMALS .X .XX±.03 [.76] .XXX±.01 [.25] ANGLES ±1° UPHOLSTERY ±.25 [6.35]	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 Title: 1K - 6K SERIES BOTTOM PAN, 39" CAR BODY
	Rev.	Description & Date		Undim. Wall Thk.: Undim. Radii:		
				A.CREECH <i>ALC</i> 11MAY12		2 of 4
				Engr. Approval: Int. Date:		
				Approved by: Int. Date:		



UPHOLSTERY, COVER, BOTTOM, 39" (03)
MATERIAL IS SYMMETRICAL ABOUT CENTERLINE



CONTROLLED

GENERAL NOTES:

- SAMPLES WILL BE PROVIDED FOR PRODUCTION PURPOSES.

—	INITIAL RELEASE	11MAY12 ALC	UNLESS OTHERWISE SPECIFIED FRACTIONS ±1/16" DECIMALS .X .XX±.03 [.76] .XXX±.01 [.25] ANGLES ±1° UPHOLSTERY ±.25 [6.35]	Drawn by: Int. Date: A.CREECH <i>ALC</i> 11MAY12 Engr. Approval: Int. Date: Approved by: Int. Date:	IF THIS DOCUMENT IS NOT MARKED "CONTROLLED" IN RED, THEN IT SHOULD BE USED AS REFERENCE ONLY. 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.	M metro WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY Title: 1K - 6K SERIES UPHOLSTERY, COVER, BOTTOM, 39" CAR BODY
	Rev.	Description & Date				

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 BOTTOM, 39"

	WMATA P/N	THREAD COLOR
BURGUNDY T508 SADDLE.....	A18-11-7001, C18-11-6011, L18-11-3115, V18-11-7001	WINE E NYLON TYPE 2 CLASS A VT295E 787Q
POTOMAC BLUE T509 SADDLE.....	A18-11-7003, M18-11-0665, M18-11-3116, M18-11-6010, V18-11-7003	YALE BLUE E NYLON TYPE 2 CLASS A VT295E 764Q
CHESAPEAKE SAND T510 SADDLE.....	A18-11-7006, C18-11-6009, M18-11-0661, M18-11-6009, V18-11-7006	BEIGE E NYLON TYPE 2 CLASS A VT 295E 751Q

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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	Rev.	Description & Date		Engr. Approval:	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: 1K – 6K SERIES TECHNICAL SPECIFICATIONS CAR BODY	
			Undim. Wall Thk.:	Undim. Radii:	Undim. Edges:	Scale: N/A	Sheet Size: B	Next Assembly:	Part. No.: A18-11-7001	Dwg. No.: WDA18117001	Sheet: 4 of 4