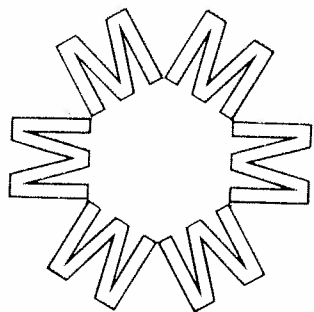
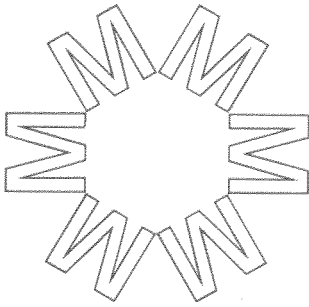


Milwaukee Public Museum 800 West Wells Street Milwaukee Wisconsin 53233
H. Michael Madaus/Assistant Curator of History



Mr. Charles Salter
2950 Mountain Trace
Roswell, Georgia 30075





5 November 1979

Mr. Charlie Salter
2950 Mountain Trace
Roswell, Georgia 30075

Dear Mr. Salter:

Your letter of 12 October 1979 arrived while I was on an extensive field research trip to the east and the south. Accordingly, I have been delayed in answering it until today.

The flag you have recently acquired I examined in July at the Gettysburg Civil War show and noted it in detail then. At that time Bill Gavin owned it, and he indicated that he had purchased it in about 1950 from an antique dealer in Pennsylvania. Unfortunately, nothing of the history of the flag was recorded; consequently, there is little information I can furnish regarding the flag.

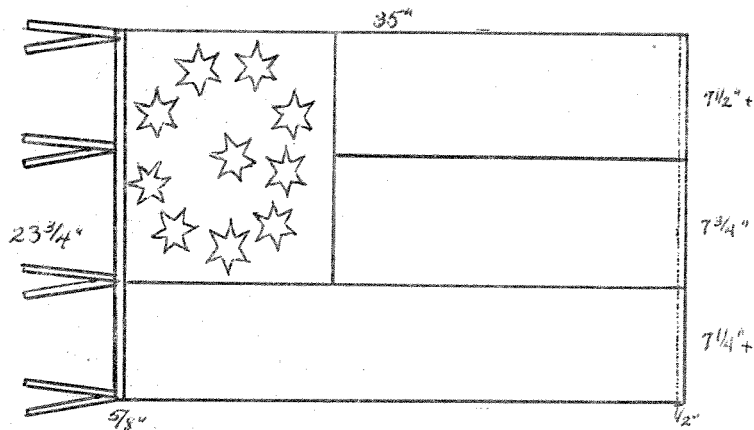
It should be noted, however, that flags of this design ("Stars & Bars") almost always have five-pointed stars. Of the some 400 examples I have encountered and noted, only six bear stars with six points and three have eight points. Of these, it may be significant to note that four are identified to North Carolina units. This (plus the fact that the first state flags issued to North Carolina units in 1861 also bore six-pointed stars) leads me to speculate that this peculiarity is a regional (North Carolina) variation used briefly in 1861. Enclosed are my scale drawings of some of these flags for comparative purposes.

H. Michael Madaus
Sincerely,
H. Michael Madaus / Asst. Cur.

7 encls.
Milwaukee Public Museum 800 West Wells Street Milwaukee Wisconsin 53233 Tel.(414)278-2700
An educational and cultural resource of Milwaukee County.

Unit Designation:

History: Purchased by Mr. William Gavin; Charlestown, West Virginia in 1950 from an antique dealer in Reading, Pennsylvania (prior history not recorded); sold by Mr. Gavin to Mr. Lewis Leigh; Centerville, Virginia in 1979, and by Mr. Leigh sold to Mr. Charlie Salter; Roswell, Georgia, also in 1979.



Color:	Field	Canton	Stars (10)	Heading
	three horizontal bars; red, white, and red.	dark blue, 15 3/4" on the staff by 13" on the fly.	white, 6 ptd., each 3 3/8" in diameter; nine set in an ellipse, 11" high by 9 1/2" wide, around a central star.	medium blue, 5/8" wide.

Material: red is cotton cambric
white is cotton cotton cambric cotton cambric cotton cambric

Method of attachment: four pairs of blue cotton cambric (polished cotton) ties are sewn, equally spaced, to the medium blue cotton cambric heading, 5/8" wide.

Unit Designation:

History: Returned by the State of Michigan to the State of North Carolina in 1941. Captured by the 2nd Regiment Michigan Volunteer Infantry. Date and place of capture not recorded.*

A message was received from the Senate transmitting Senate Concurrent Resolution No. 47.

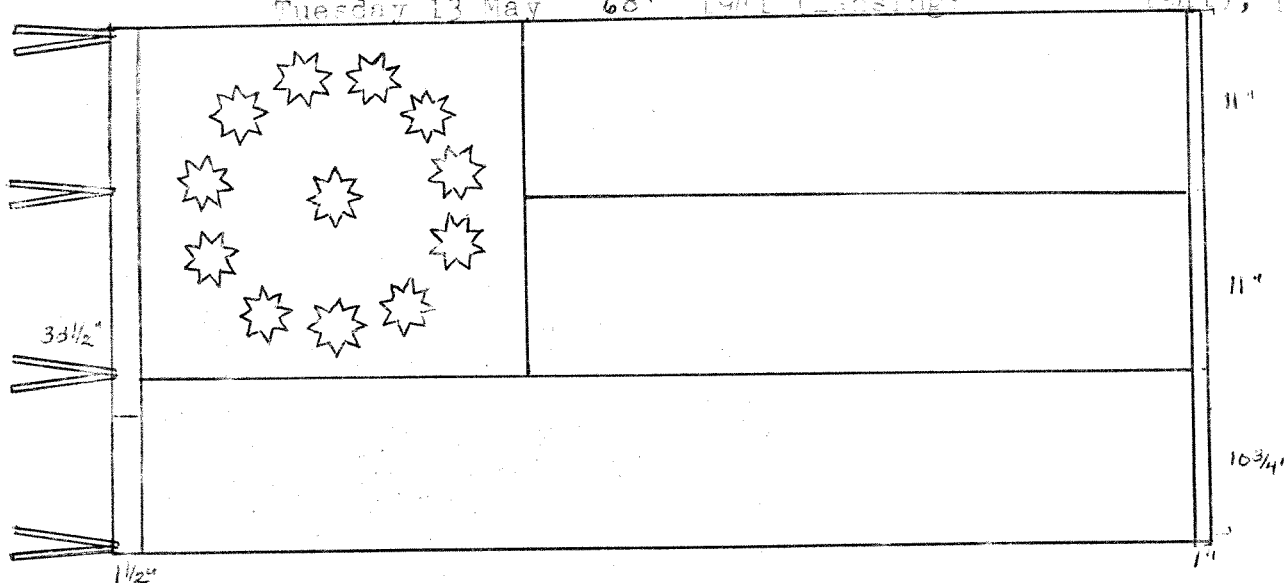
A concurrent resolution authorizing the return of certain Confederate battle flags and sword, now in the custody of the State of Michigan, to the proper authorities of the Southern States.

Whereas, the State of Michigan now has possession of the following Confederate battle flags:

* * * * *

(3) No. A-94 - Flag captured from a North Carolina Regiment by the 2nd Michigan Infantry.

Source: State of Michigan; Journal of the House of Representatives; Tuesday 13 May 1865 (Lansing: 1941), pp. 1205-1206.



Color:	Field three horizontal bars; red, white and red, with a red border on the fly edge, 1" wide.	Canton dark blue, 22 1/4" on the staff by 24" on the fly.	Stars (12) white, 8 ptd., red, each 1/4" in diameter; eleven set in a circle, 16 1/2" in diameter around a central star.	Heading 1 1/2" wide
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Material:	cotton	cotton	cotton	cotton
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Method of attachment: four (4) pairs of white cotton cambric ties, each 1/2" wide, are sewn, equally spaced, to the red cotton heading, 1 1/2" wide.

*As another flag taken by the 2nd Michigan was captured at Petersburg, Virginia on 3 April 1865, this flag may have been similarly secured; none of the seven flags claimed to have been captured by the brigade in which the 2nd Michigan served were turned in to the War Department; see O.R., Series I, Vol. 46, Pt. 1, pp. 1047-1048.

Unit Designation:

History: Transferred from the U.S. War Department to the Confederate Memorial Literary Society (Museum of the Confederacy-Richmond) in 1906; War Department capture no. 166.

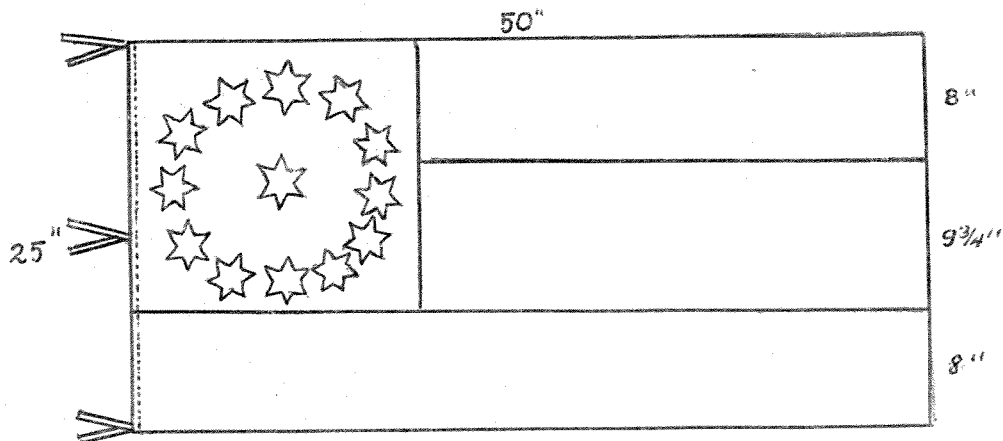
According to "Register of Captured Flags, 1861-65", Records of the Adjutant-General's Office (Record Group No. 94), National Archives:

No. 166 Confederate Battle Flag, captured by Private Richard Taylor, Co. "E", 18th Indiana, October 19th 1864 from a wounded rebel.

MEDALS OF HONOR AWARDED

Name	Rank and organization	Date	Awarded for-
Taylor, Richard	Private, Company E, 18th Indiana Infantry.	Oct. 19 (1864)	Capture of flag at Cedar Creek, Va.

Source: O.R., Series I, Vol. 43, Pt. 1, pp. 551; cf. p. 348.



Color:	Field three horizontal bars; red, white, and red.	Canton medium blue, 17" on the staff by 18" on the fly.	Stars (13) white, 6 ptd., each 3" in diameter; twelve set in a circle 12 3/4" in diameter around a central star.
Material:	damascene silk	damascene silk	silk

Method of attachment: three (3) pairs of ties are sewn, equally spaced to the hemmed leading edge of the flag.

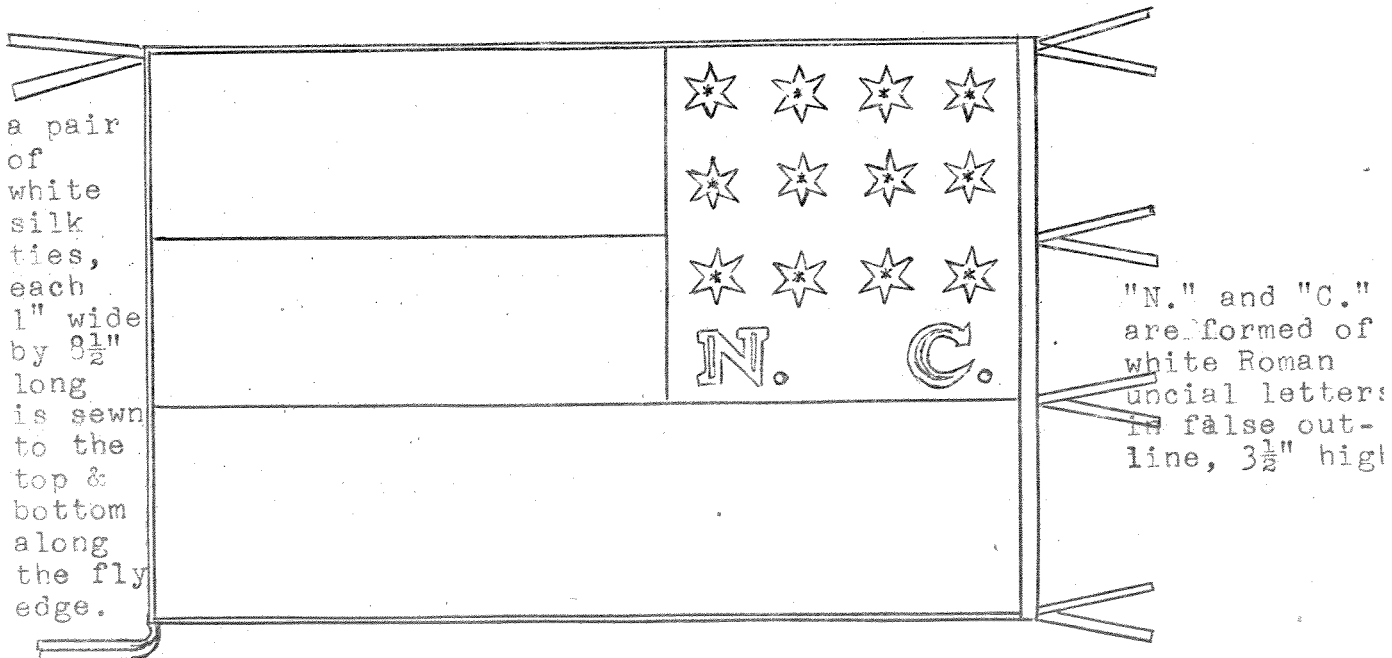
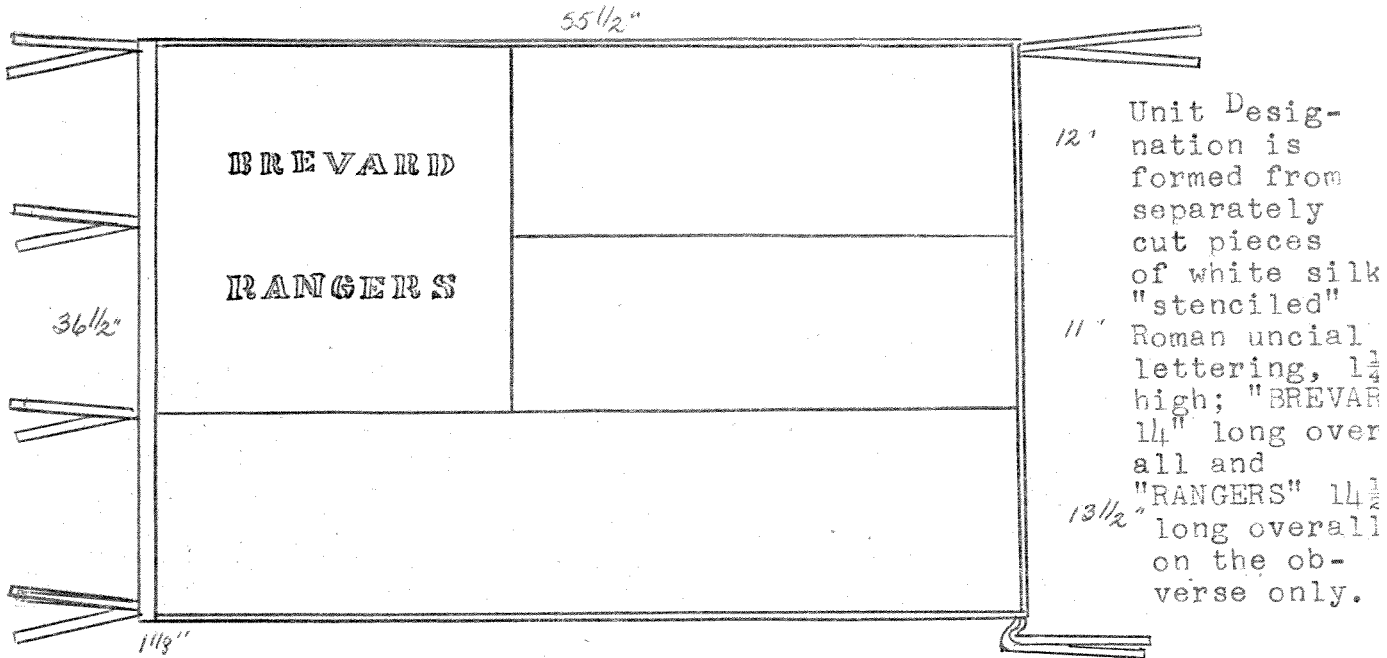
Report of Colonel David Shunk, 8th Indiana Volunteers, commanding 4th Brigade, 2nd Division, 19th Army Corps; 24 October 1864: (at Cedar Creek, Virginia on 19 October 1864)

It would appear invidious to mention individual cases of gallantry during the day where all, both officers and men, did their whole duty. I can only refer to ...; Ira Hough, private, Company E, Eighth Indiana Richard Taylor, private, Company E, Eighteenth Indiana, who each captured a battle-flag from the enemy.

Source: O.R., Series I, Vol. 43, Pt. 1, p. 348.

Unit Designation: "Brevard Rangers"

History: Returned by the State of Michigan to the State of North Carolina in 1941. Captured by Sergeant Cyrus Houch, Company E, 11th Regiment Michigan Volunteer Cavalry at Ashville, North Carolina, probably 25 April 1865.

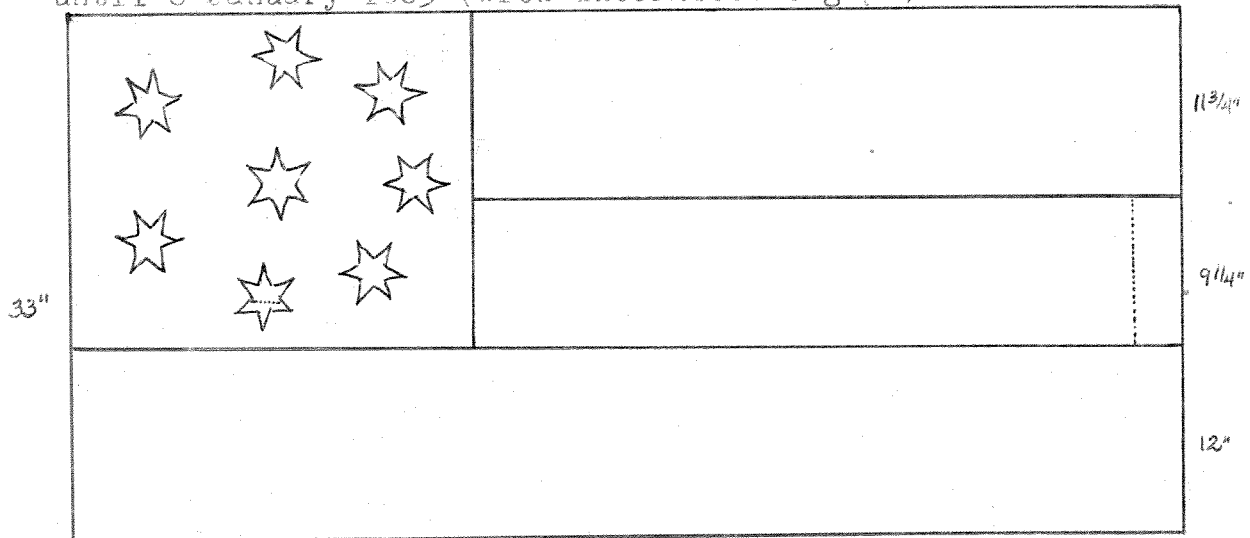


Color:	Field three horizontal bars, red, white, and red with a 1/4" wide white border binding three sides, and 1 1/8" wide white heading.	Canton medium blue, 22 1/2" on the staff by 22" on the fly.	Stars (12) white, 6 ptd., each 3 3/4" in diameter with 3/4" silver cord and sequence in the center of each cotton and metallic thread.
Material:	cotton bars, cotton heading, cotton silk binding	cotton	cotton and metallic thread
Method of attachment:	Four (4) pairs of ties are sewn to the wide white cotton heading.		1 1/8"

Unit Designation:

History: Donated to the West Point Museum, U.S. Military Academy; West Point, New York by Mr. J.B. Grover, son of Major-General Cuvier Grover, on 10 August 1933. Reputed to have been captured during the Civil War by forces under General Grover's Command.

Brigadier-General (later Major-General) Cuvier Grover commanded:
 1st Brigade, 2nd Division, 3rd Army Corps, Army of the Potomac-
 from 27 April 1862 until 16 September 1862.
 4th Division, 19th Army Corps; Department of the Gulf-
 from 3 January 1863 until 30 July 1863.
 3rd Division, 19th Army Corps; Department of the Gulf-
 from 2 October 1863 until 12 January 1864.
 2nd Division, 19th Army Corps; Department of the Gulf (and Shenandoah)
 from 15 February 1864 until 18 June 1864 and from 25 June 1864 until
 5 July 1864 (when transferred to Shenandoah) and from 8 August 1864
 until 6 January 1865 (with intermittent gaps).



69 1/4" (restored dimension)

Color:	Field	Canton	Stars (8)
	three horizontal bars; red, white, and red.	dark blue, 20 1/4" on the staff by 25" on the fly.	white, 5 ptd., each 4 1/2" - 5" in diameter; seven set in an ellipse, 14" high by 19" wide, around a center star.
Material:	cotton (double thickness)	cotton	cotton
Method of attachment: missing, torn away.			

Location: Museum of our country, ...
sketches:

LIBERTY
OR
DEATH.

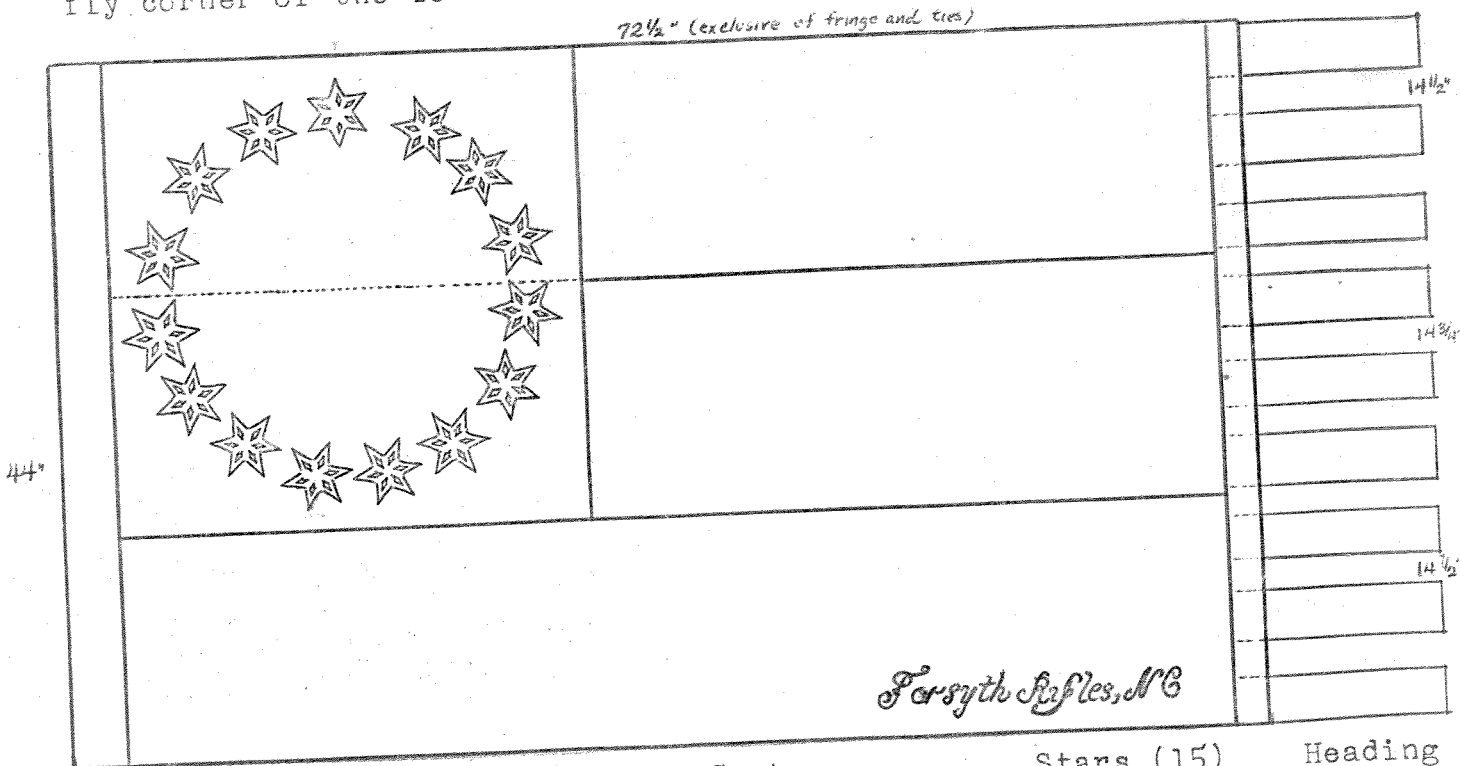
Unit Designation: "Forsyth Rifles"- Company E, 21st Regiment
North Carolina Volunteer Infantry, C.S.A.

History:

Nine silk furling ties, 3 red, 3 white, and 3 red, each $3\frac{1}{2}$ " wide by $12\frac{3}{4}$ " long, spaced at intervals of 2", are sewn to the fly edge of the flag.

The Reverse consists of a completely white field, bearing the motto "LIBERTY/ OR / DEATH." in 6" high buff Roman uncial letters, embroidered in silk.

The unit name "Forsyth Rifles, N.C" is embroidered in buff silk script uncial and miniscule letters, respectively 2" and $1\frac{1}{2}$ " high in the lower fly corner of the lower red bar, on the obverse only.

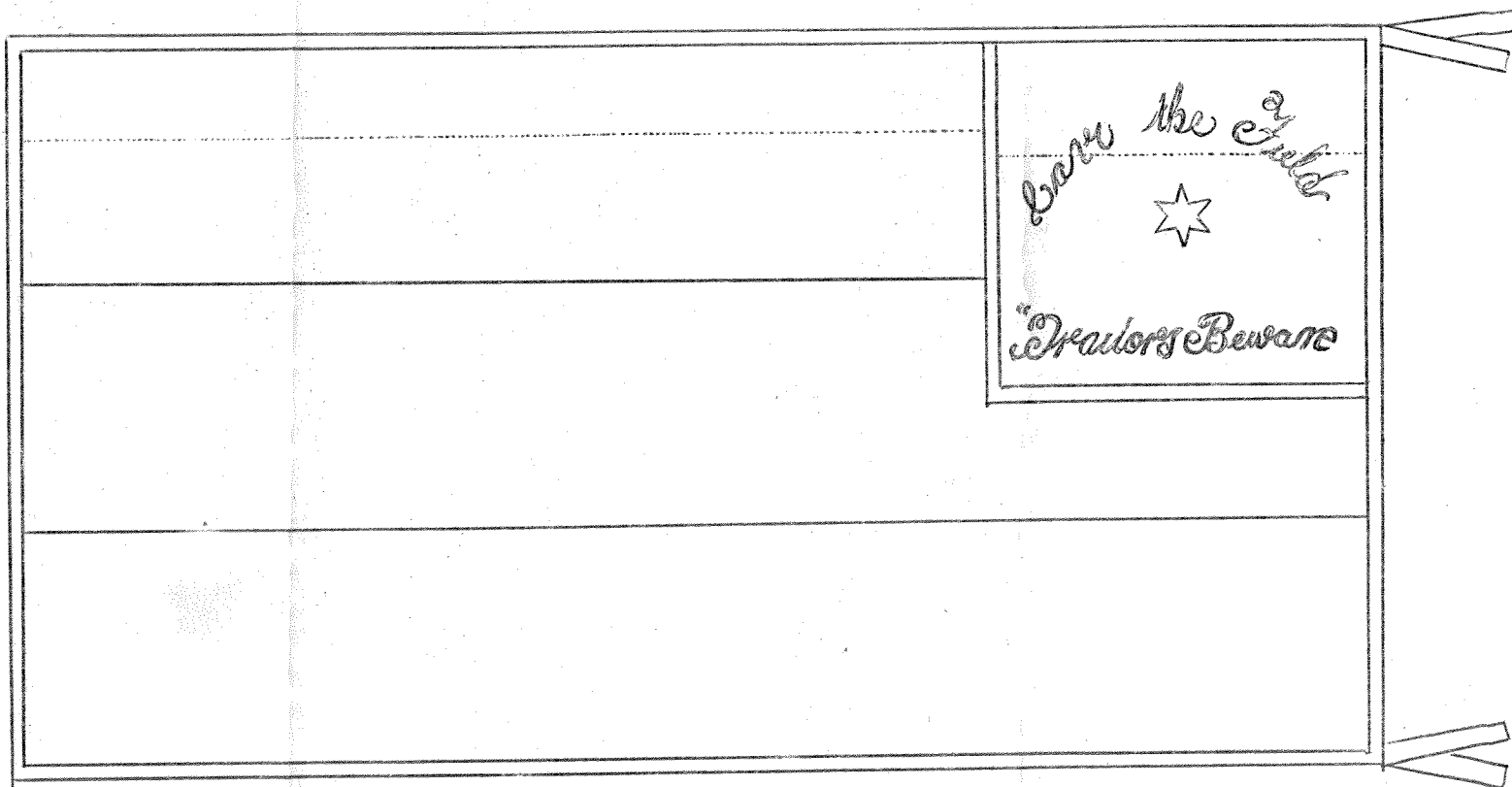


<p>Color: 4"</p>	<p>Field three horizontal bars; red, white, and red, edged on the fly with silver fringe, $1\frac{3}{4}$" deep.</p>	<p>Canton dark blue, 29" on the staff by $29\frac{1}{4}$" on the fly.</p>	<p>Stars (15) buff with white diamond insets, 6 ptd., each $4\frac{3}{4}$" in diameter; set in a circle, 23" in dia.</p>	<p>Heading white, 4" wide</p>
<p>Material:</p>	<p>silk with metallic fringe.</p>	<p>silk</p>	<p>silk embroidery</p>	<p>silk</p>

Method of attachment: the white silk heading is a sleeve, 4" wide when flat.

Note: A pair of red and white cravats, each $6\frac{1}{2}$ " wide and 33" long (exclusive of the fringe), pointed at the tail, and bearing four, 5 ptd., silver sequenced embroidered stars, fringed in metallic silver fringe, $1\frac{3}{4}$ " deep on the points, is attached to the staff.

The reverse of the canton bears a single gold, silk embroidered 6 pointed star surrounded by the mottos in gold silk script embroidery: "Carr the Field" and "Traitors Beware".

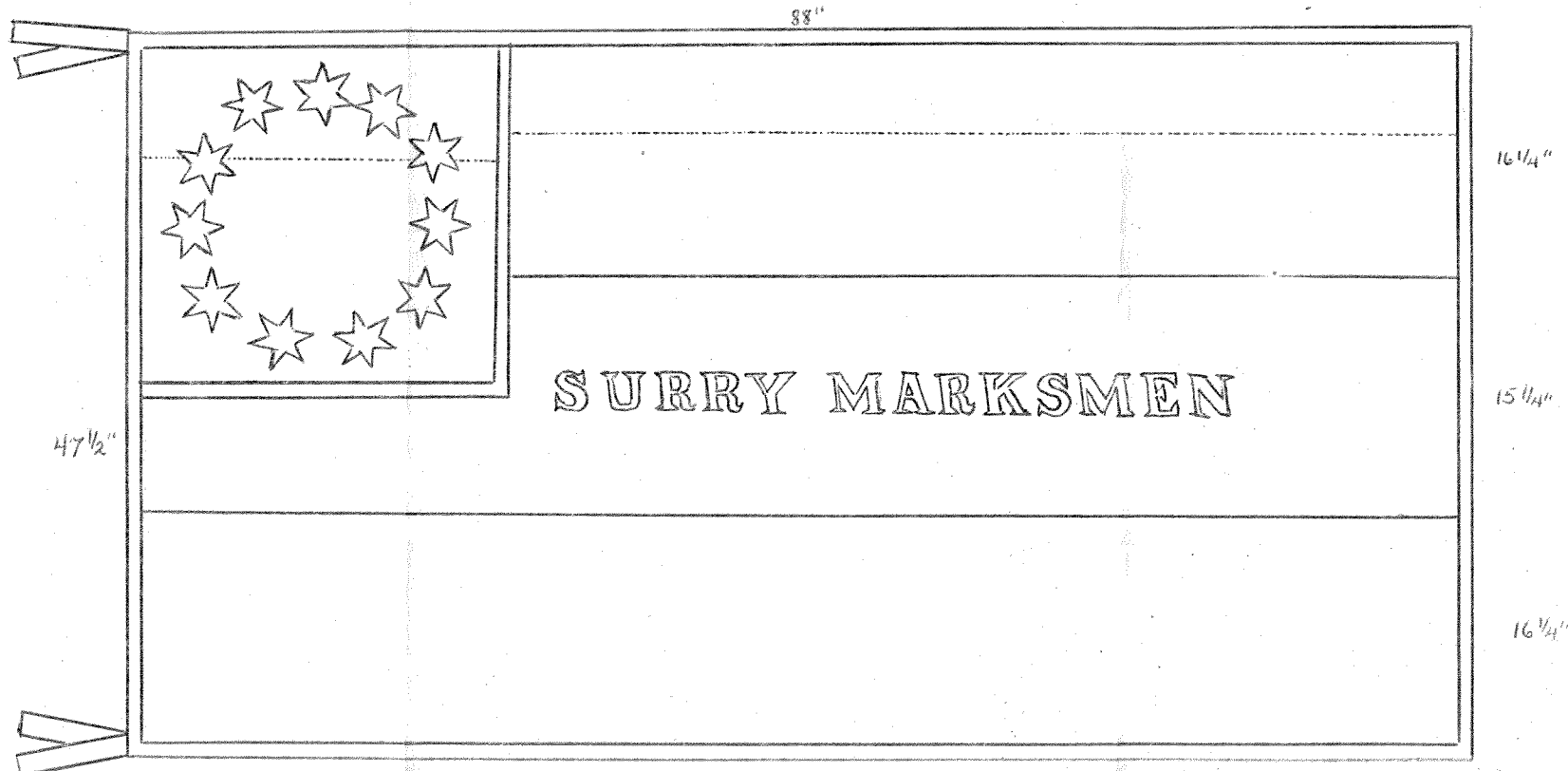


Hooker, Norman (canton) U.S. Army Museum of History, Kelly's, 97111 (canton); collection no. X330.222
added: 12 April 1977

Unit Designation: "Surry Marksmen"- (possibly)*Company C, 22nd Regiment North Carolina Volunteer Infantry, C.S.A. (formerly 12th Regiment North Carolina Volunteers)

History: Returned by the State of New Jersey to the State of North Carolina on 12 January 1928; written on card attached to flag is the inscription: "Captured at Manassas Junction, Tuesday March 11, 1862; Company "A" 3d Inft. N.J. Vols. Capt. A. Vickers. Pr....."

*= Company C, 12th N.C. Vols. (22nd N.C. State Troops) were known as the "Surry Regulators"; it and Company D of the same unit were detached from the regiment prior to October of 186



Color:	Field three horizontal bars; red, white, and red, edged on all four sides with a white border, 1" wide.	Canton dark blue, 24" on the staff by 24 1/2" on the fly, bordered in white, 1" wide.	Stars (11) white, 6 ptd., each 4 3/4" in diameter, set in a circle, 17" in diameter.
Material:	silk (red is damascene)	silk	silk

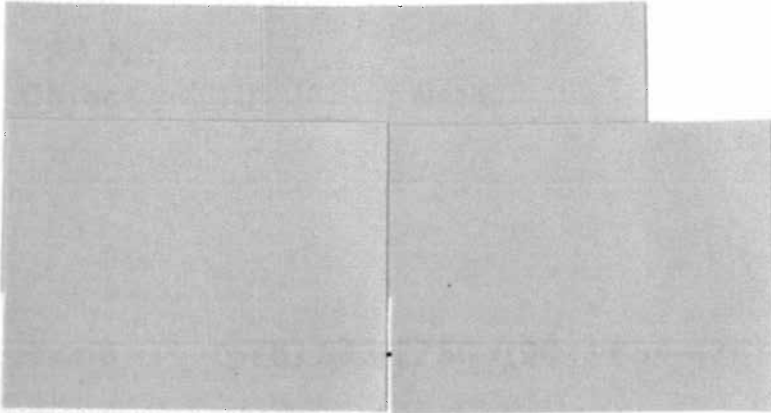
Method of attachment: (1) One pair of white silk ties is sewn to the leading edge of the flag at the top, 2" wide; presumably another pair was at the bottom.
The Unit Designation is embroidered in yellow silk Roman uncial letters, 2 1/2" high (and 1 1/2" long overall), with a slight backslant on the center bar.

Textile Preservation Associates, Inc.

P.O. BOX 60 • KEEDYSVILLE, MARYLAND 21756 • PHONE (301) 432-4160 FAX (301) 432-8797

ANALYSIS REPORT

Date: January 19, 2003



EXAMINATION DATE

January 17, 2003

DESCRIPTION Terminology used is taken from Madaus and Needham 19761.

Size: Leading edge: 23 1/2" Fly: 36"

The flag is constructed in the pattern of a Confederate First National of one layer of polished cotton. The blue canton measures 15 3/4" on the leading edge and 13" on the fly. There is a selvage edge at the bottom of the canton. The canton is decorated with ten six pointed stars, nine arranged in a circle with the tenth in the center. The stars are appliquéd with a crude basting stitch to both sides of the canton. The top red bar is hemmed at the top and measures 7 3/8" in width with a selvage at the top. The center (white) bar measures 7 7/8" high and has a selvage along the bottom edge. The bottom red bar measures 8 3/8" in width. The leading edge is bound with blue cotton fabric to form a 1/2" heading. There are four pairs of blue cotton ties sewn evenly spaced down the leading edge on the obverse side. The fly end has a 1/2" rolled hem turned to the obverse. The flag is hand sewn throughout. The polished side of the cotton is on the reverse.

Written on the lower portion of the white bar on the obverse side slightly to the right of center is "Confedate
Flag".

EXAMINATION

5 digital photos were taken.

10 scale drawings were prepared, of the obverse and reverse.

METHOD OF CONSTRUCTION

1. One piece of blue polished cotton about 17" in width was cut about 13 1/2" in length to form the canton. The fabric had a selvage edge on one side which was positioned at the bottom edge of the canton.
2. Two pieces of salmon colored polished cotton about 8 1/2" in width with a plain weave were cut 50" in length for the top bar. One piece of white polished cotton was cut to the same dimensions for the center bar. The pieces were joined with a self bound seam² using cotton threads in a running stitch with the seam allowance whip stitched down. The last 1/2" of the seam adjacent to the fly was sewn with a different cotton thread. The seam allowances were left on the obverse side. The white cotton had a selvage edge which was placed at the bottom edge of the bar. The bars were then joined to the canton with cotton thread until about 6" from the bottom where the thread switches to a different cotton thread.
3. One piece of salmon colored polished cotton 9" in width was cut 38" in length for the bottom bar. This bar was then joined to the top portion of the flag with cotton thread in a self bound seam.
4. The stars were cut from the same fabric as the white bar. Leaving the cut edges unturned, the stars were applied to each side of the canton at one time using a crude basting stitch and the cotton thread.
5. Two pieces of the blue cotton were joined to form a strip 1 1/2" by 25". The strip was attached to the reverse of the fly with one row of running stitch, then wrapped around the leading edge. The cut edge was folded under forming a 1 1/2" heading and the obverse edge whip stitched in place.
6. Eight inch strips of the blue cotton were cut about 5/8" wide, folded in half and attached to the heading with a row of cross stitch using cotton thread, to form ties.
7. The fly end was turned to the obverse forming a 1/2" hem sewn with one row of running stitch using cotton thread.
8. The top cut edge of the canton was hemmed on the fly end by turning it to the obverse and sewing with one row of running stitch using cotton thread. The bottom cut

edge of the red cotton was turned to the obverse to form a 1/4" hem.

SAMPLING

The flag was examined and sampled using a JKH stereo microscope at 21x. Fiber identifications were made using a Leitz compound microscope at 270x. Results are included in the report.

CONDITION

The flag is intact with only minor damage at the bottom of the fly end. There is a 1 1/2" x 1/4" hole in the bottom fly corner. The top bar has a 1 1/2" "L" shaped tear near the center bottom. The upper fly corner has a 1" horizontal tear. The lower leading edge corner of the fly has a 1/2" square hole. The leading edge has seven holes arranged in three pairs plus one extra at the top and above the ties at the bottom of the canton that appear to be from tacks. The obverse of the flag is soiled with one area in the white bar appearing to be a square approximately 6" x 4", a dark area under the fly end of the canton and smaller dark stains in the top bar. The reverse has diagonal soiling in the top bar. The edges of the reverse stars are folded over. Some of the stars have an additional tacking thread repair. The flag has creases from a prolonged period of being folded.

RESULTS OF THE EXAMINATION

The flag is intact as constructed with no alterations or additions. There was one repair in a star with modern thread that was removed. The red bars are constructed from the same fabric. The stars and white bar are from the same fabric. The ties, heading and canton are from the same fabric.

REPORTED HISTORY

There is no recorded history on this flag. It was purchased in 1950 from an antique dealer by Bill Gavin. Subsequent owners were Lewis Leigh, Centerville, Virginia 1979, then Charlie Salter, Roswell, Georgia, 1979. Historian Howard Madaus examined the flag and relayed how he had seen six flags of this design and that four were identified with North Carolina units from 1861.

CONCLUSION

After a thorough examination of the materials and construction of this flag, as well as a comparison of these materials with previous examinations of documented Civil War period flags, it is my opinion, as a Textile Conservator, that the materials in and construction of this flag are similar to documented flags with the following findings:

The fabrics and sewing threads used in the construction of the flag have been found in other flags of the period. The construction of the flag suggests a "home made" flag. Self bound seams are commonly found in dresses and domestic fabrics and are not used in commercially made flags. The polished cotton fabrics again are domestic or dress fabrics³. The technique of assembly with cut edges at the top and bottom indicates the maker did not understand flag construction as applied to flags constructed for extensive use. The stars are only lightly attached. This suggests the maker intended the flag for very short use such as a ceremonial occasion.

The condition of the flag suggests a period of use but not prolonged. When used it appears to have been tacked to the staff rather than the ties used or both methods of attachment were used simultaneously.

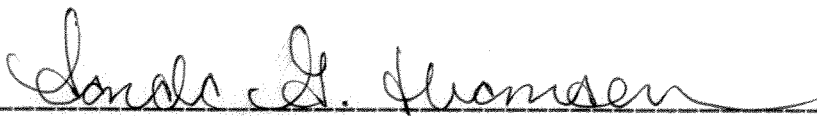
In conclusion, the results of this examination support a mid nineteenth century period of construction as suggested by Mr. Madaus.

In the event that our analysis is not fully acceptable, you may wish to obtain a second opinion.

The conclusion as stated in this Analysis Report is the opinion of Textile Preservation Associates, Inc. as to the nature of the materials used in the objects as they relate to the authenticity and/or age of the object submitted for analysis. This report is not intended and shall not be considered to be a guarantee of the items age and/or authenticity.

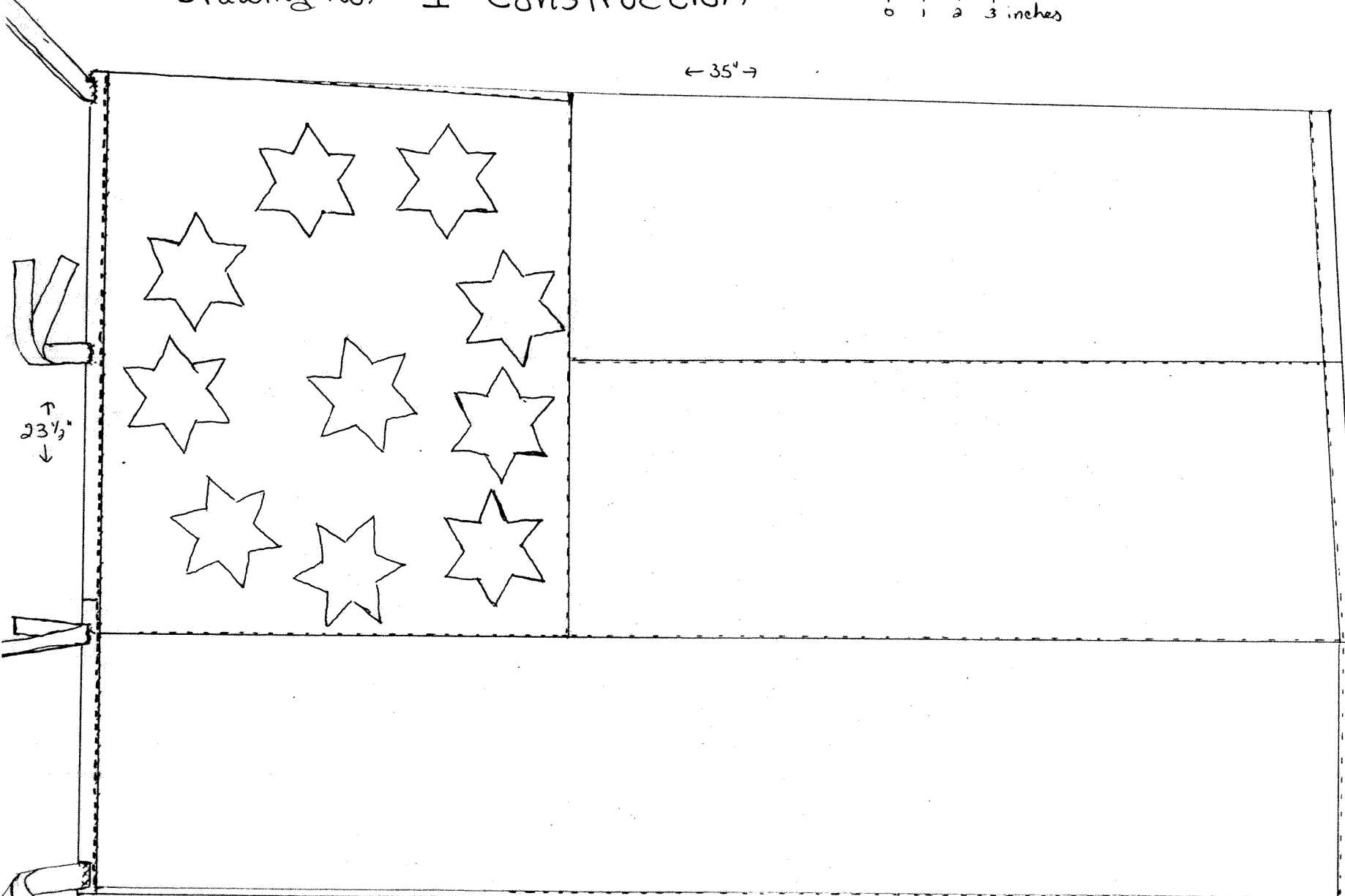
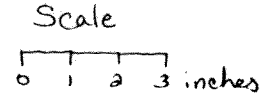
REFERENCES

1. The Battle Flags Of The Confederate Army Of Tennessee, Howard Michael Madaus and Robert D. Needham, Milwaukee Public Museum: Milwaukee, Wisconsin, 1976.
2. The Vogue Sewing Book, The Butterick Company, Inc., 161 Sixth Avenue, New York, New York, 1964.
3. Textiles in America 1650-1870, Florence M. Montgomery, W. E. Norton and Company, New York, A Winterthur/Barra Book, 1984, pp 298.


Fonda Ghiardi Thomsen, Director
Fellow, American Institute for Conservation

1/21/03
Date

Drawing No: 1 Construction



Stars:

3 1/2" across point
basted, edges
unturned

↑
23 1/2"
↓

↑
22 3/4"
↓

← 36" →

Stars:

Canton 14" x 16"
Hoist 1/2"
Red bars 7 1/2"

White bar 7 3/4"



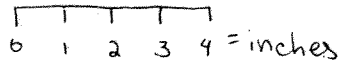
TKH 1272

10 star CSA 1st National

Reverse

Drawing No:

Scale



Drawing No: 2 Construction

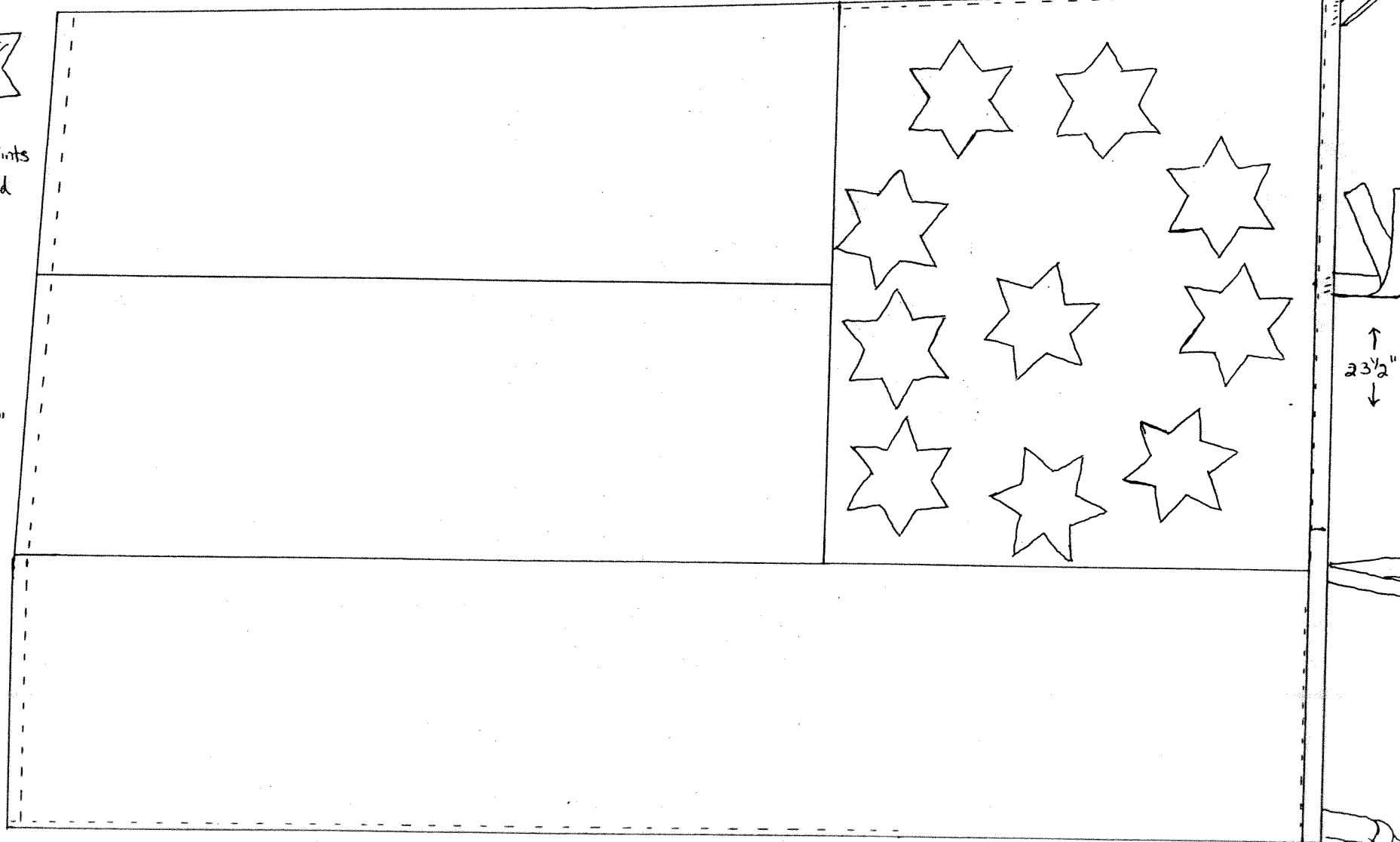
Stars:



3 1/2" across points
edges unturned

22 3/4"

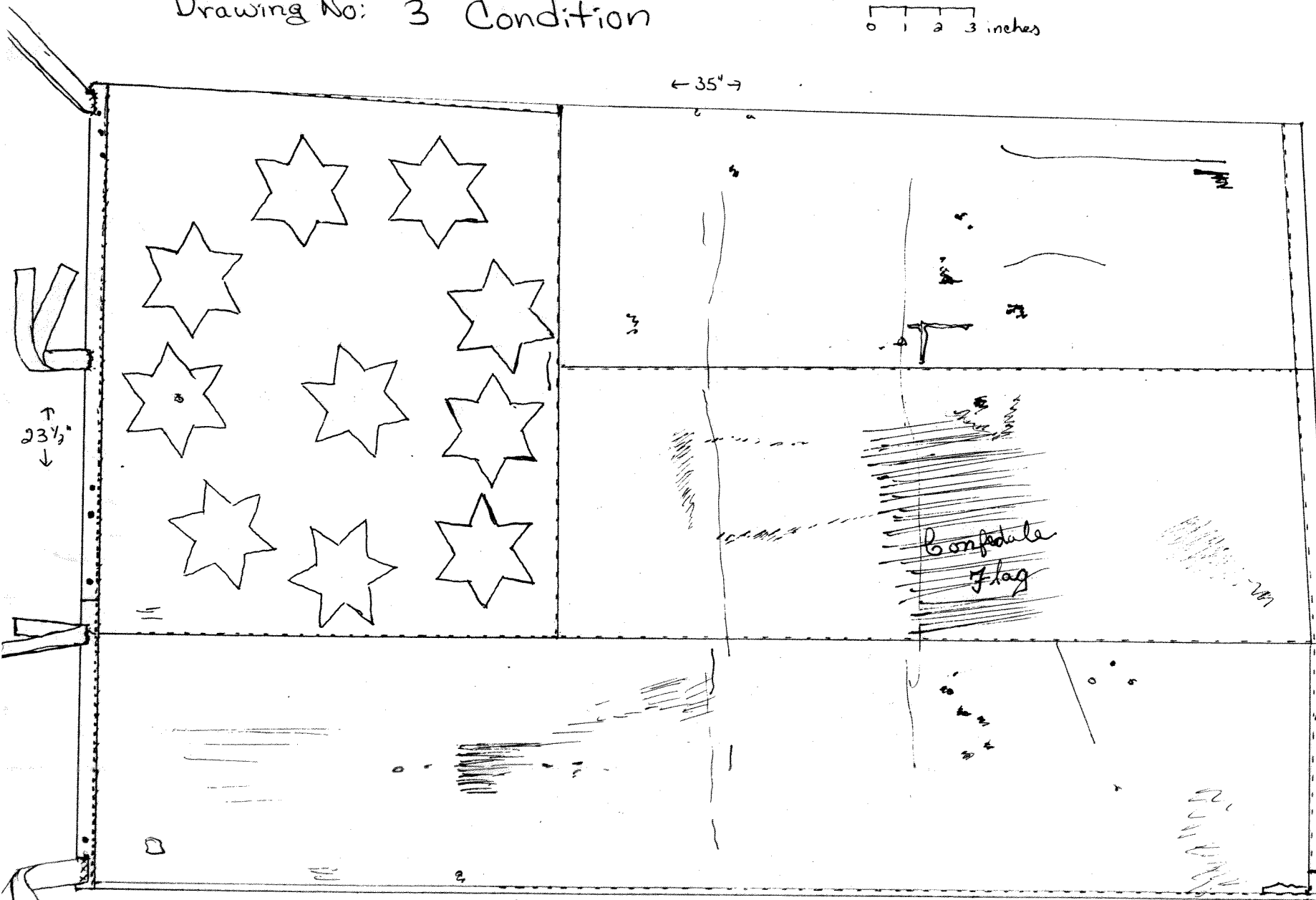
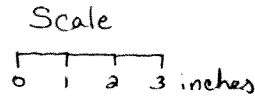
← 35" →



↑ 23 1/2" ↓

← 36" →

Drawing No: 3 Condition



Stars:

3 1/2" across point
basted, edges
unturned

22 3/4"

Canton 14"x16"
Hoist 1/2"
Red bars 7 1/2"

White bar 7 3/4"

← 36" →

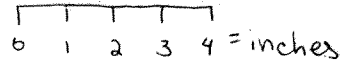
Soils
creases

Stars:
hole

TPA # 1272 10 star CSA 1st National

Reverse

Scale



Drawing No: 4 Condition

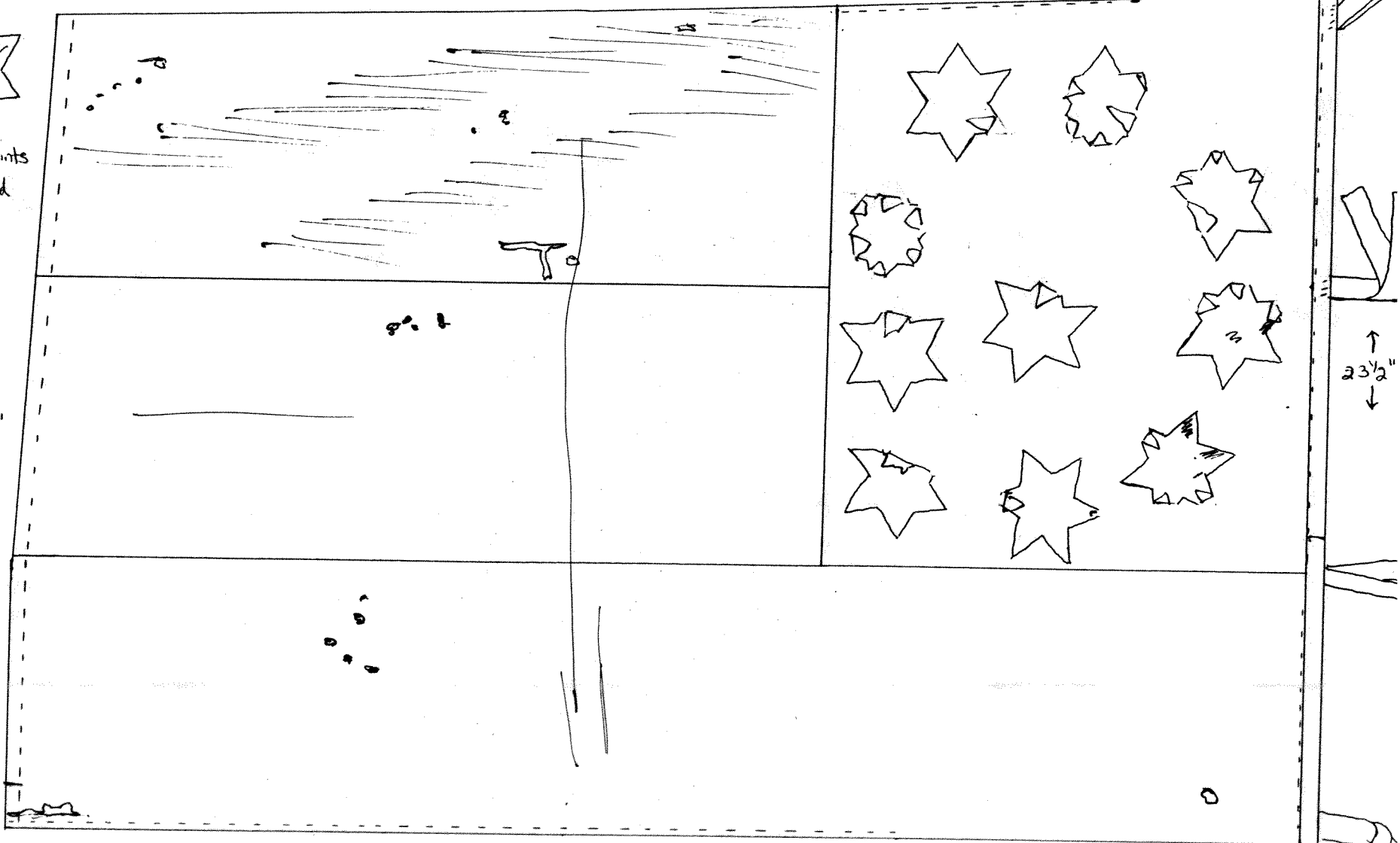
Stars:



3 1/2" across points
edges unturned

← 35" →

↑ 22 3/4" ↓

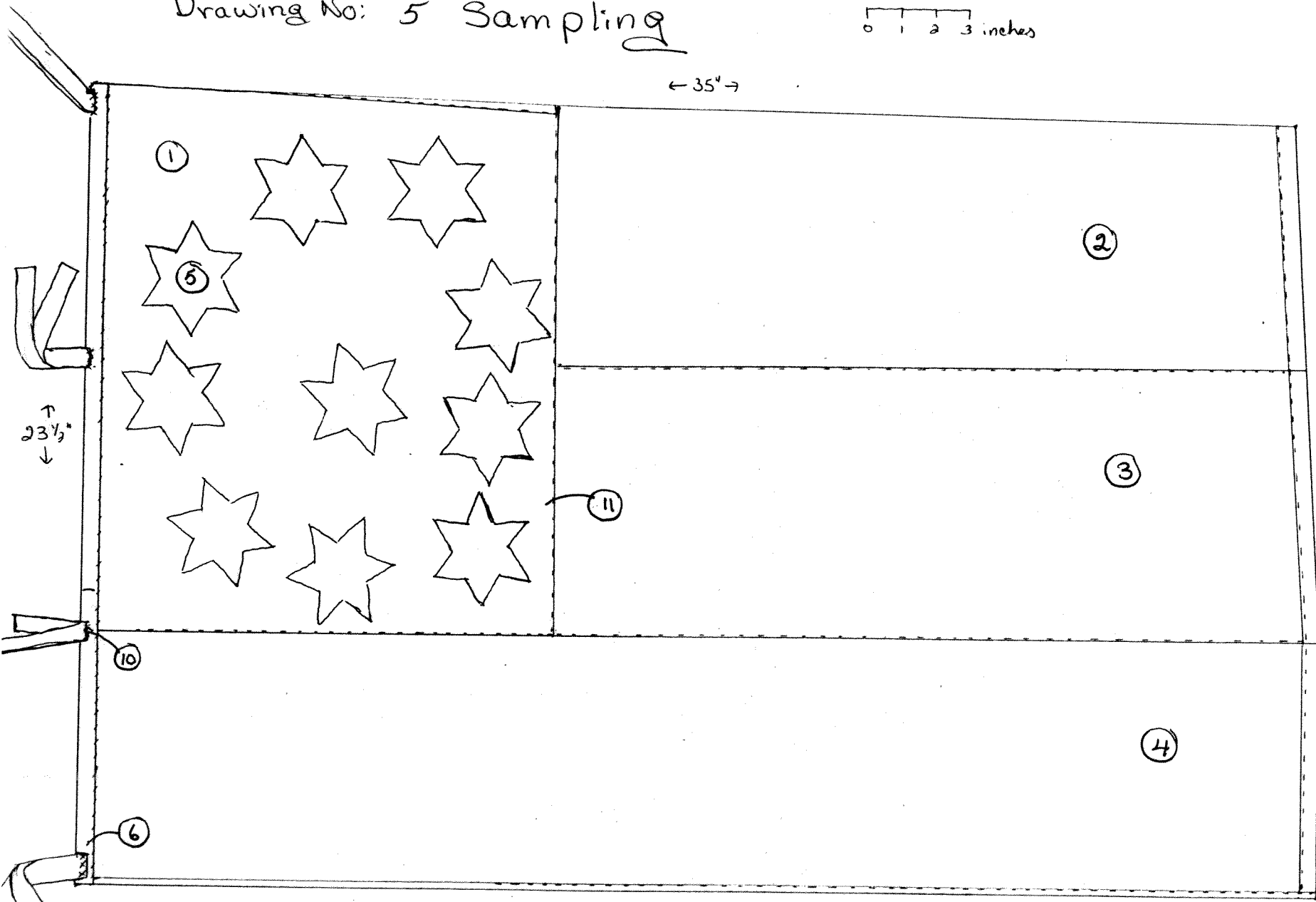
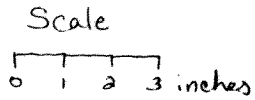


↑ 23 1/2" ↓

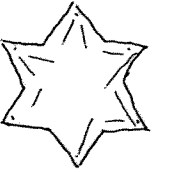
← 36" →

Drawing No: 5 Sampling

Universe



Stars:



3 1/2" across point
basted, edges
unturned

↑
22 3/4"
↓

Canton 14" x 16"
Hoist 1/2"
Red bars 7 1/2"

White bar 7 3/4"

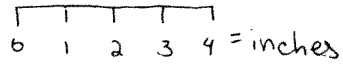
← 36" →

Stars:

TPA # 1272 10 star CSA 1st National

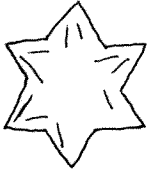
Reverse

Scale



Drawing No: 6 Sampling

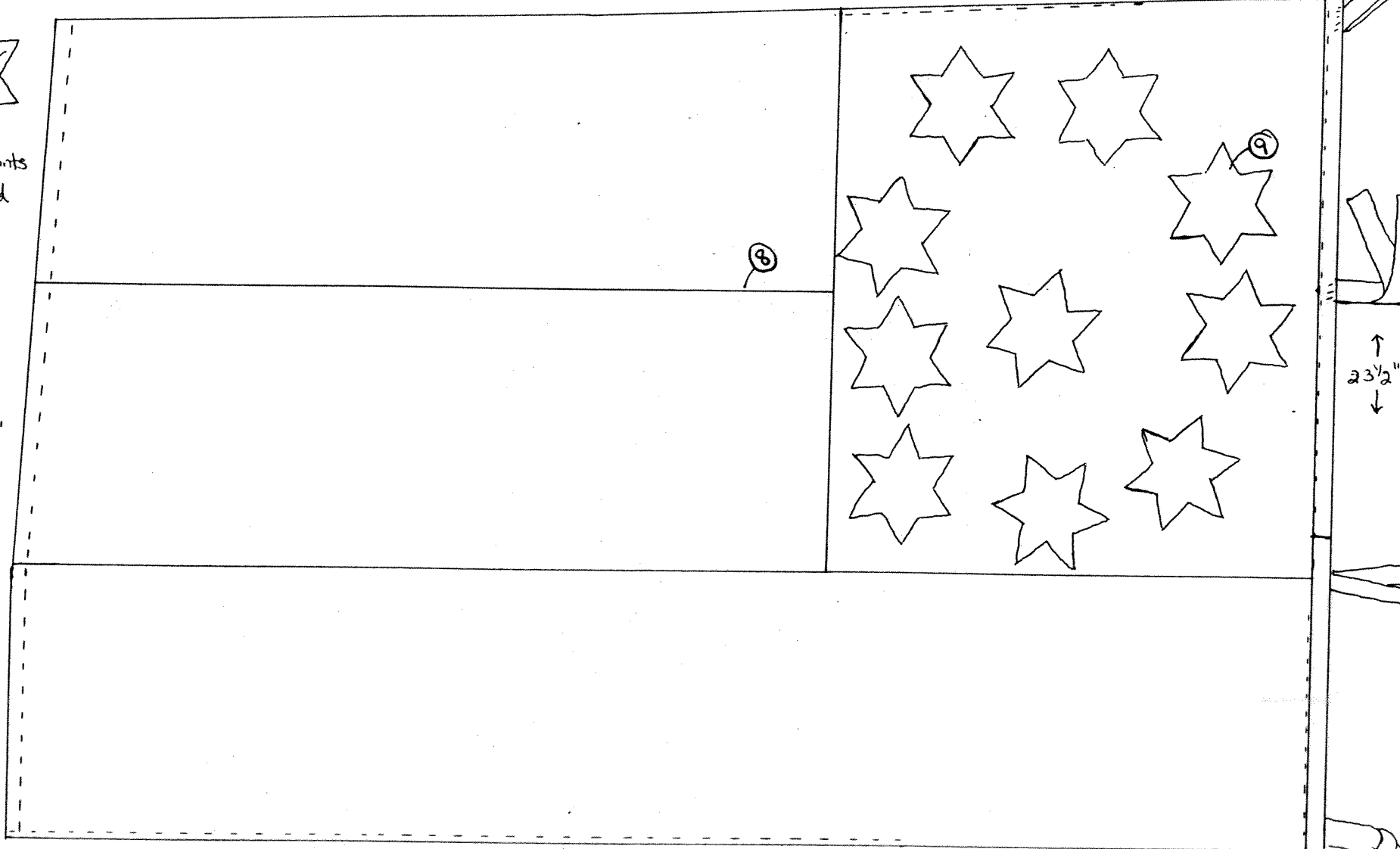
Stars:



3 1/2" across points
edges unturned

← 35" →

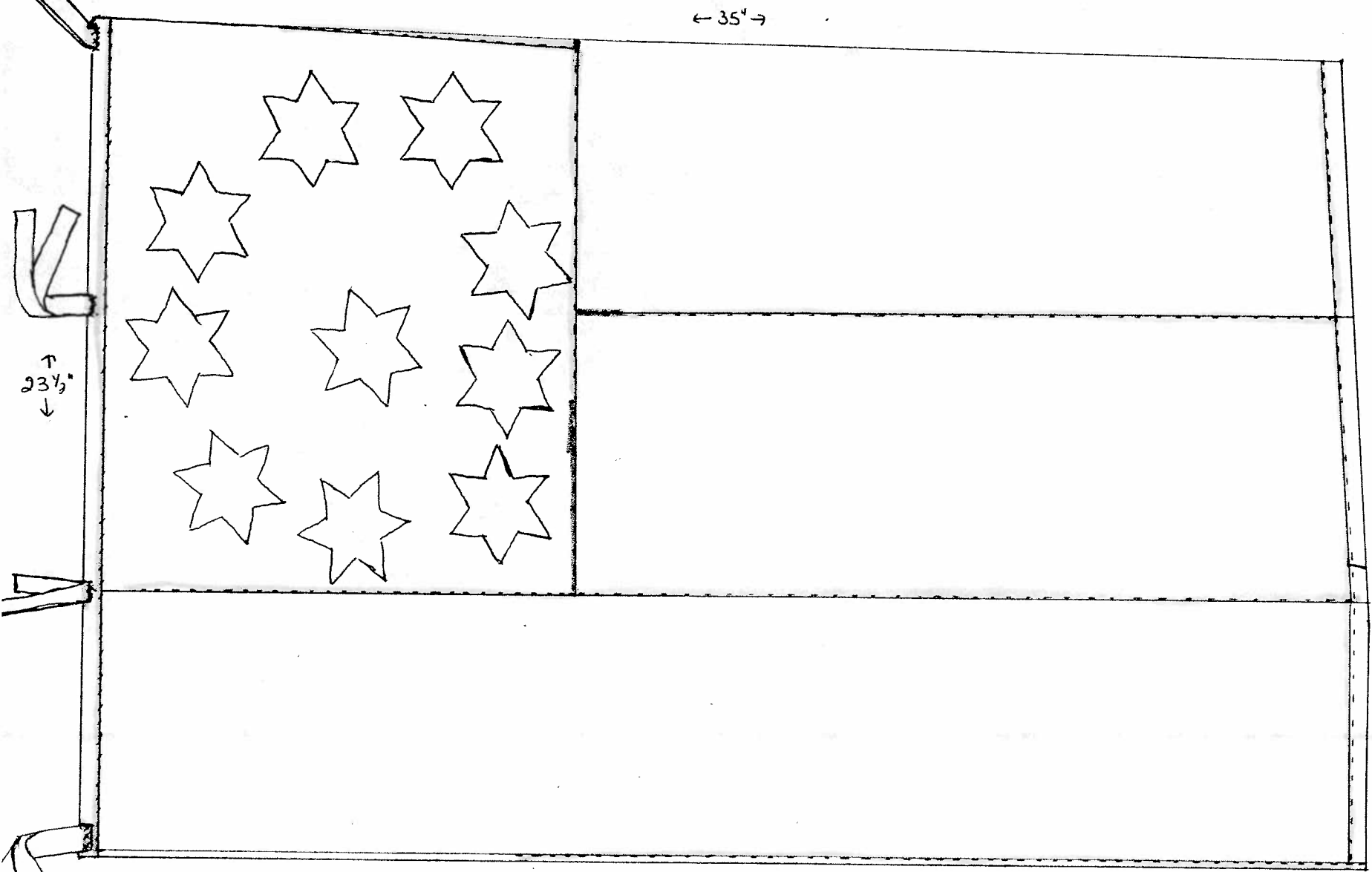
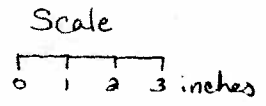
↑ 22 3/4"
↓



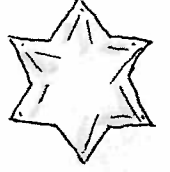
↑ 23 1/2"
↓

← 36" →

Drawing No: 7 Sewing Threads



stars:



3 1/2" across points
basted, edges
unturned

22 3/4"

Canton 14"x16"
Hoist 1/2"
Red bars 7 1/2"

White bar 7 3/4"

← 36" →

Stars:

thin white cotton

thick white cotton

TPH 1272 10 star CSA 1st National

Reverse

Scale

Drawing No: 8 Sewing threads 0 1 2 3 4 = inches

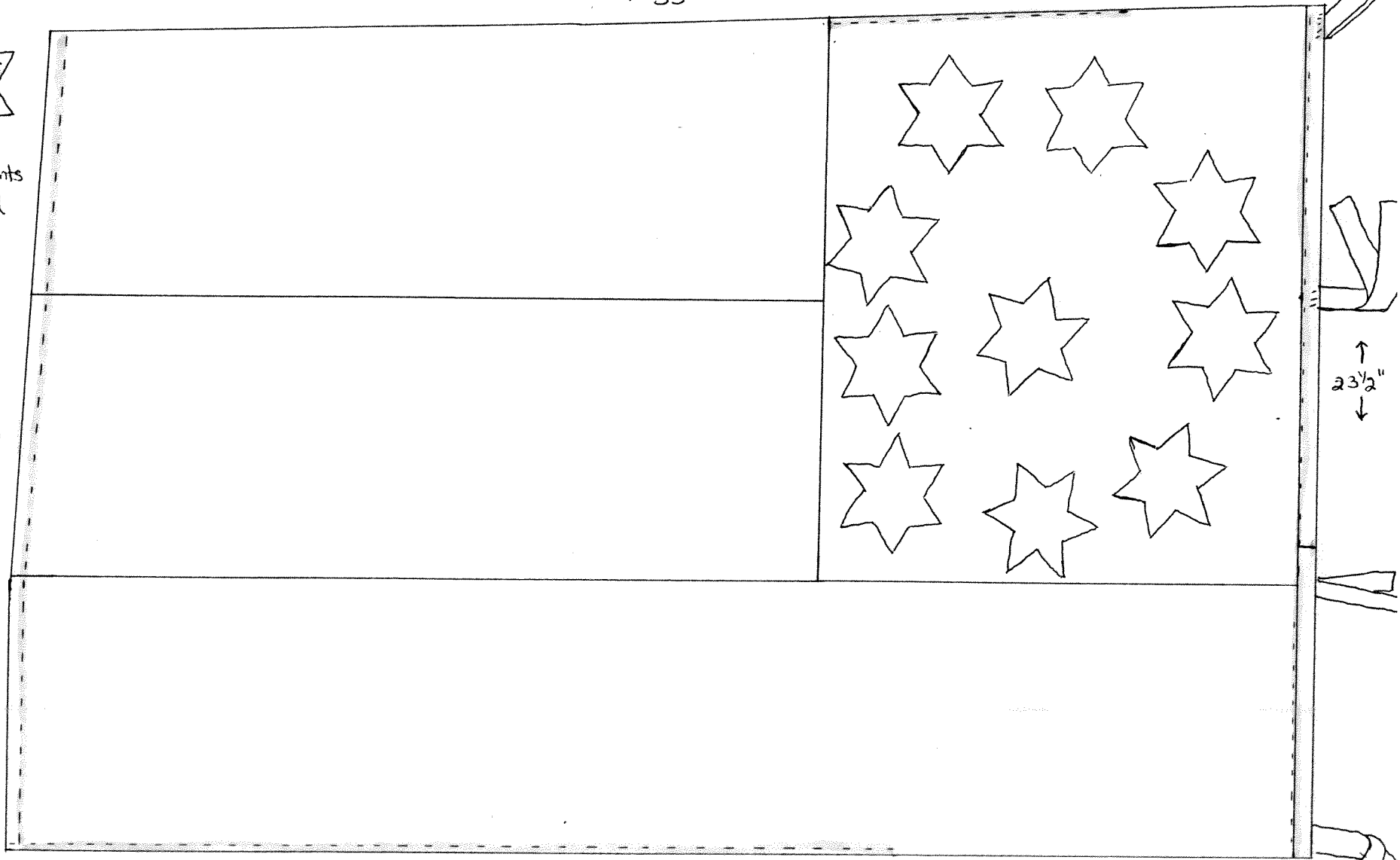
Stars:



3 1/2" across points
edges unturned

← 35" →

↑ 22 3/4" ↓



↑ 23 1/2" ↓

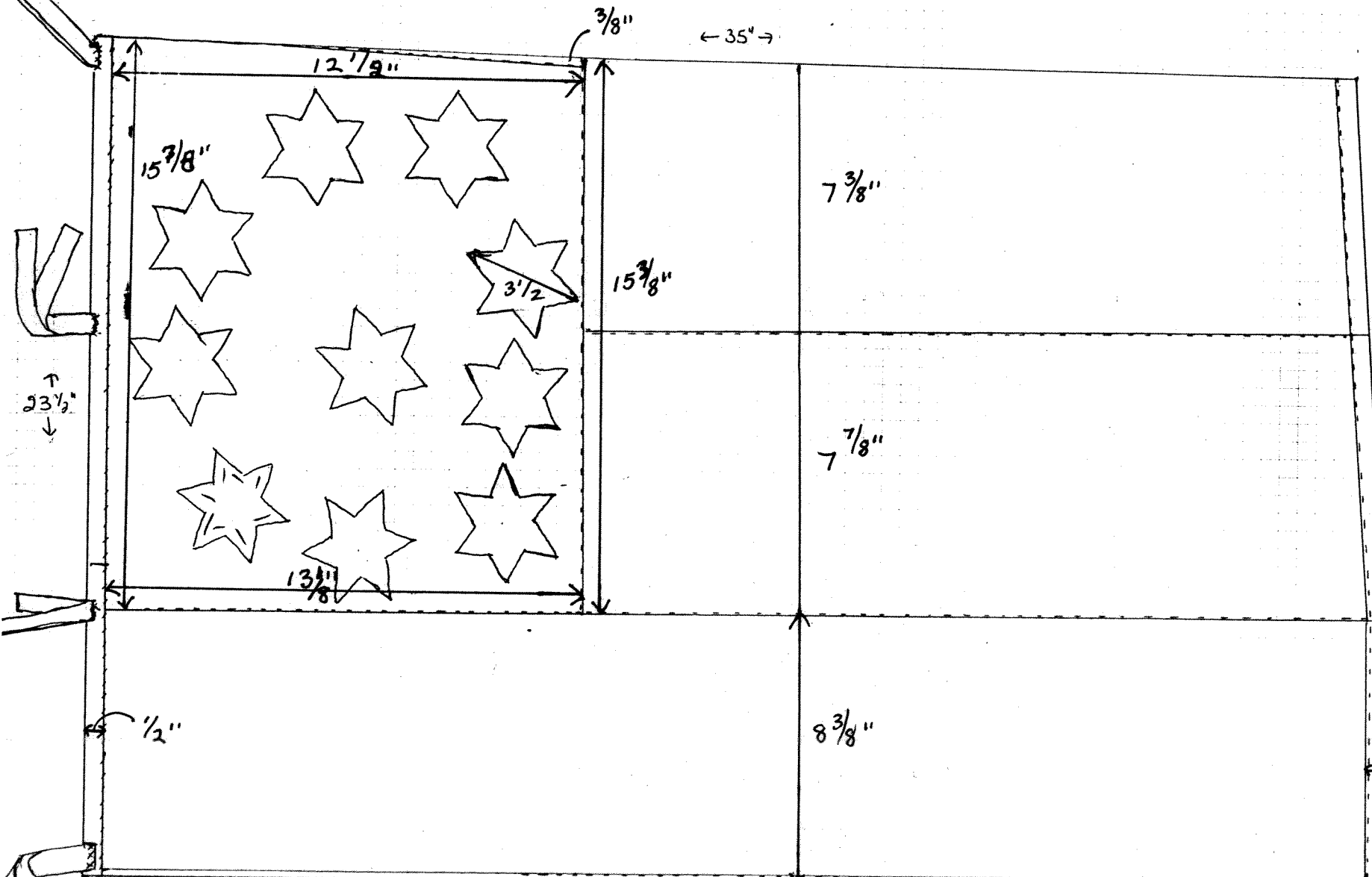
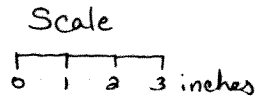
← 36" →

white cotton

TPA# 1272 10 star CSA 1st National

Obverse

Drawing No: 9 Measurements



Stars:

3 1/2" across point
basted, edges
unturned

5/8" wide 4" long
Canton 14"x16"
Hoist 1/2"
Red bars 7 1/2"

Whitebar 7 3/4"

← 36" →

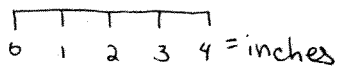
Stars:

1/4"

TPH 1272 10 star CSA 1st National

Reverse

Scale



Drawing 10 Selvages/
Warp direction

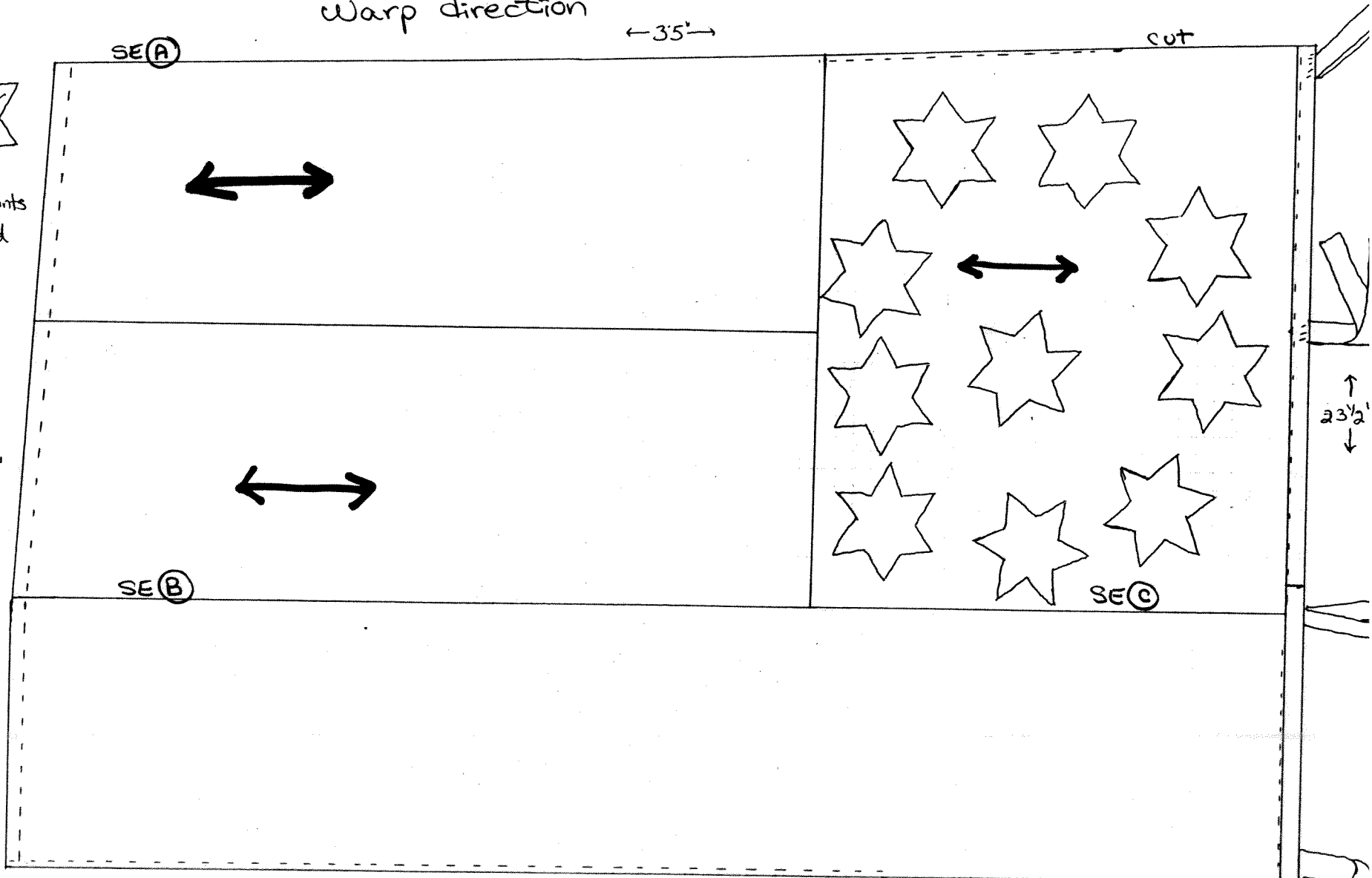
← 35" →

Stars:



3 1/2" across points
edges unturned

↑
22 3/4"
↓



↑
23 1/2"
↓

A 4-2-2-2-2-2-2-2

B 2-2-2-2-2-2-2-2-1-2-2

C 2-2-2-2-2

← 36" →

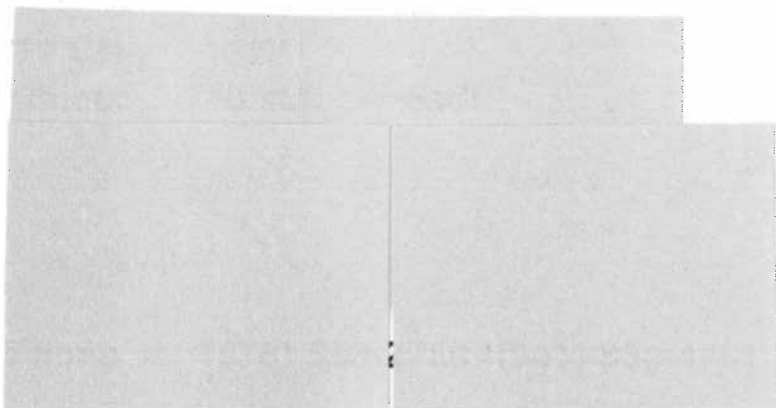
←→ warp direction

Textile Preservation Associates, Inc.

P.O. BOX 60 • KEEDYSVILLE, MARYLAND 21756 • PHONE (301) 432-4160 FAX (301) 432-8797

TREATMENT PROPOSAL

Date January 20, 2003



Appraised value: _____ Appraisal date: _____

Verifiable estimated value (if not appraised): _____

A verifiable value is necessary for TPA to carry insurance on the object while it is in our laboratory (see item 8 under Terms of Textile Preservation Associates at the end of this proposal). If no amount is entered the object will not be insured by this office. If the object is valued over \$75,000, the client must either submit a certificate of insurance showing coverage at this location or showing Textile Preservation Associates, Inc. as additional insured, or reimburse Textile Preservation Associates for additional insurance costs.

Exhibit Deadline _____ or Desired Completion Date _____

REPORT OF EXAMINATION

Object submitted for examination.

DESCRIPTION

Size: Leading edge: 23 1/2" Fly: 36"

The flag is constructed in the pattern of a Confederate First National of one layer of polished cotton. The blue canton measures 15 3/4" on the leading edge and 13" on

the fly. There is a selvage edge at the bottom of the canton. The canton is decorated with ten six pointed stars, nine arranged in a circle with the tenth in the center. The stars are appliquéd with a crude basting stitch to both sides of the canton. The top red bar is hemmed at the top and measures 7 3/8" in width with a selvage at the top. The center (white) bar measures 7 7/8" high and has a selvage along the bottom edge. The bottom red bar measures 8 3/8" in width. The leading edge is bound with blue cotton fabric to form a 1/2" heading. There are four pairs of blue cotton ties sewn evenly spaced down the leading edge on the obverse side. The fly end has a 1/2" rolled hem turned to the obverse. The flag is hand sewn throughout. The polished side of the cotton is on the reverse.

Written on the lower portion of the white bar on the obverse side slightly to the right of center is "Confedate
Flag".

CONDITION

The flag is intact with only minor damage at the bottom of the fly end. There is a 1 1/2" x 1/4" hole in the bottom fly corner. The top bar has a 1 1/2" "L" shaped tear near the center bottom. The upper fly corner has a 1" horizontal tear. The lower leading edge corner of the fly has a 1/2" square hole. The leading edge has seven holes arranged in three pairs plus one extra at the top and above the ties at the bottom of the canton that appear to be from tacks. The obverse of the flag is soiled with one area in the white bar appearing to be a square approximately 6" x 4", a dark area under the fly end of the canton and smaller dark stains in the top bar. The reverse has diagonal soiling in the top bar. The edges of the reverse stars are folded over. Some of the stars have an additional tacking thread repair. The flag has creases from a prolonged period of being folded.

PROPOSED TREATMENT

Documentation (completed)

1. The flag, as received, was photographed on both sides. The condition of the fabrics was evaluated to determine the stability of the fibers.
2. The fibers, fabrics, and sewing threads were analyzed. Information about the construction of the flag, and any evidence of alterations to the original were noted. Scale drawings were made of the flag and an analysis report prepared.

Stabilization

3. The flag will be vacuum cleaned to remove airborne contaminants.

4. To relax the fabrics and remove creases, the flag will be humidified by light misting with distilled water. When relaxed, the fabrics will be flattened and dried under glass weights.

Preparation for Exhibition

5. A buffered, acid-free panel will be prepared then covered with nonwoven polyester batting and a previously washed, unbleached, airwing grade, fine cotton fabric.

6. The flag will be attached to the padded panel with one row of stitching across the top to prevent shifting during transport. The flag will be photographed on the panel.

7. Ultra-violet filtering OP-2 Acrylite will be laid over the flag, applying a light pressure to the fabric. The entire unit will be placed in a custom made frame with an aluminum back for support and an outer frame of silver colored wood.

8. A final photo will be taken and a treatment report prepared.

CONSERVATION COSTS

Photos	\$ 50
Reports	\$ 150
Analysis	\$1,000
Materials	\$ 939
Labor	<u>\$1,400</u>
Total	\$3,539

*The cost quoted in this proposal is based on an estimate of the total treatment hours. It is the policy of Textile Preservation Associates, Inc. to bill the actual time based on a rate of \$100 per hour. If the actual time will exceed the estimate the client will be notified in advance.

AVAILABLE TREATMENT TIME

The object will take approximately 4 weeks to complete. We anticipate work to be completed by mid February.

TERMS OF TEXTILE PRESERVATION ASSOCIATES, INC.

1. Payment: Fifty percent of the cost should be returned with the signed contract. The balance will be due within 30 days of completion of the work. Objects must be claimed and arrangements made for delivery to take place within 30 days after notification of completion of services. If objects are not claimed within the thirty (30) day period, the

Client may be required to pay to Textile Preservation Associates, Inc. a storage fee calculated at \$25 per week. Should the Client fail to retrieve the object within 90 days following completion of services, the Client agrees that Textile Preservation Associates, Inc. shall be entitled to sell the object at public or private sale after thirty (30) days written notice to Client at the Client's last known address.

2. The Client is responsible for delivery of objects to and from the laboratory of Textile Preservation Associates, Inc. unless specific arrangements have been made. Any costs for preparation for transport, or for transportation itself are not included in the above proposal. We can provide information on shipping services.

3. Textile Preservation Associates, Inc. hereby submits the above proposal for treatment of the named object. The stated cost will be firm for a period of 120 days. If treatment is not contracted for within that time period, costs will have to be reconfirmed. A proposal fee of \$150 will be billed. If the object is treated this amount will be credited on the final billing.

4. To reserve treatment time in our work schedule this contract should be signed and returned as soon as possible. The Client will be notified when we are ready to receive the object if we do not already have it.

5. The proposed treatment may be modified or halted if unforeseen problems arise during the course of treatment. After consultation with the Client a revised proposal and new fee structure may be submitted.

6. All work will be carried out according to the standards set forth by the American Institute of Conservation in which we maintain membership.

7. While the object is on our premises, Textile Preservation Associates, Inc., insures it against loss from fire, natural disaster, and/or theft for the appraised or verifiable value, up to \$75,000, if such a value has been declared by the Client on page one of this proposal. If no value has been entered on page one of this proposal, the object will not be insured, and any loss will be entirely on the Client. If this object, or the sum of the value of all of the objects of the Client in our laboratory are valued over \$75,000, additional insurance must be purchased through our office. If the object is already insured by the Client, a certificate of insurance must be submitted which specifically shows coverage at our location.

8. The Client waives all claims against Textile Preservation Associates, Inc. for loss or damage to the object as a result of actions taken by Textile Preservation Associates,

Inc., except for willful misconduct or gross negligence.

9. Records, photographs, drawings, and scholarly notations taken during the course of preparation of a treatment proposal or during conservation of the object(s) shall remain the property of Textile Preservation Associates, Inc. and shall not be released except for scholarly pursuits with written notification to the client. Results of all work, one set of 35 mm slides, and a copy of scale drawings, shall be included in the treatment report to the Client and may not be used for publication in any form without written permission from Textile Preservation Associates, Inc.

10. The Terms of Textile Preservation Associates, Inc. as listed above shall be legally binding on the depositing institutions, their agents, individual depositors and any and all of their heirs, legal representatives or assigns.

The Treatment Proposal was prepared by Fonda Thomsen, Director, Textile Preservation Associates, Inc.

Fonda G. Thomsen

Fonda Ghiardi Thomsen, Director
Fellow, American Institute for Conservation

1/21/03
Date

I hereby authorize the above proposed treatment to the named object. I have read the proposal and agree to the terms and release the listed object for conservation treatment according to the treatment proposal. By my signature, I further certify that I am authorized to release the object by personal ownership.

Signature: _____ Date: _____

Witness: _____ Date _____

PERMISSION TO SAMPLE

I understand that it is necessary in order to identify the nature of the materials used in the construction of the object, that samples of materials, less than 1 cm in length, may have to be removed from the object. Samples are taken from inside seams, the end of threads, or loose fragments. If all seams are intact, we will not deliberately

open a seam or damage the object to procure a sample. A chart locating areas that were sampled will be submitted with the Analysis report.

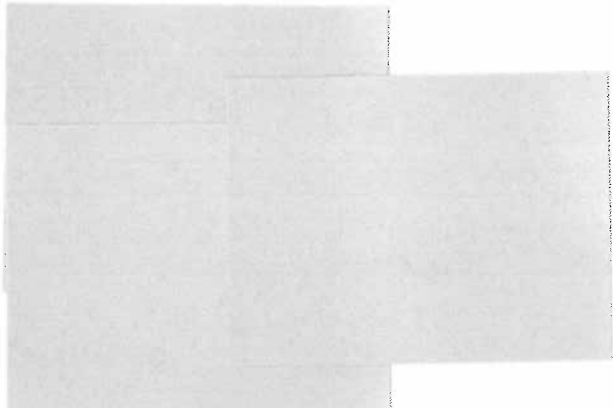
I hereby authorize Textile Preservation Associates to remove the samples necessary for analysis as described above.

Signed: _____ Date: _____

Textile Preservation Associates, Inc.

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January 21, 2003



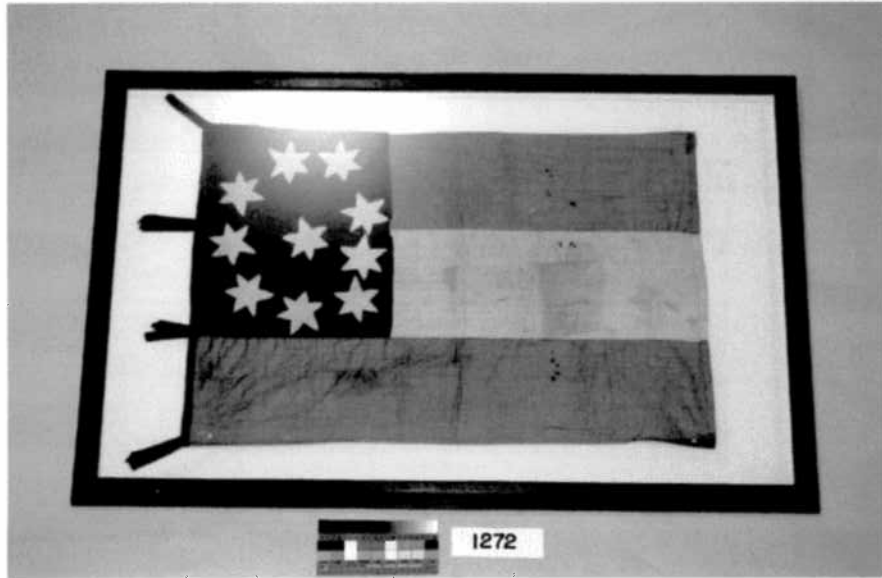
Enclosed please find the Analysis Report including drawings and a photo CD. Also enclosed is the Treatment Proposal and Invoice for the deposit. The cost of the analysis is included in the Treatment Proposal. Please sign the original and return in the self-addressed, stamped envelope I have included for your convenience. The copy is for your records.

If you have any questions do not hesitate to call me.

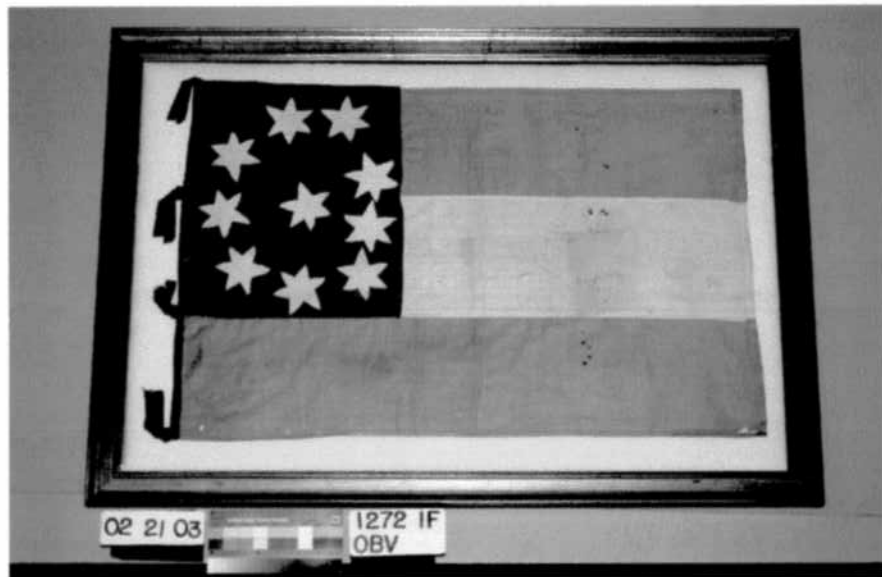
Sincerely,

A handwritten signature in cursive script that reads "Donna".

Donna Lee Tissue
Administrator



TPA #1272
Obverse, as received



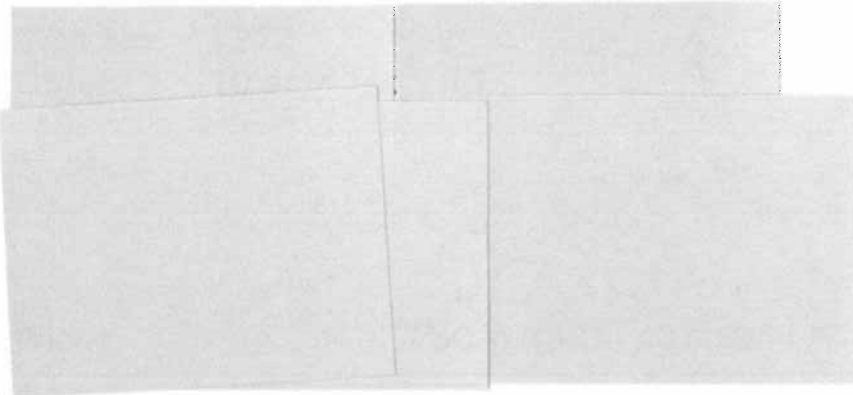
TPA #1272
Obverse, after treatment

Textile Preservation Associates, Inc.

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TREATMENT REPORT

Date March 17, 2003



DOCUMENTATION

7 Digital photos were taken before and after treatment.

Analysis: Previously sent

Description

Size: Leading edge: 23 1/2" Fly: 36"

The flag is constructed in the pattern of a Confederate First National of one layer of polished cotton. The blue canton measures 15 3/4" on the leading edge and 13" on the fly. There is a selvage edge at the bottom of the canton. The canton is decorated with ten six pointed stars, nine arranged in a circle with the tenth in the center. The stars are appliquéd with a crude basting stitch to both sides of the canton. The top red bar is hemmed at the top and measures 7 3/8" in width with a selvage at the top. The center (white) bar measures 7 7/8" high and has a selvage along the bottom edge. The bottom red bar measures 8 3/8" in width. The leading edge is bound with blue cotton fabric to form a 1/2" heading. There are four pairs of blue cotton ties sewn evenly spaced down the leading edge on the obverse side. The fly end has a 1/2" rolled hem turned to the obverse. The flag is hand sewn throughout. The polished side of the cotton is on the reverse.

Written on the lower portion of the white bar on the obverse side slightly to the right of center is "Confedate
Flag".

Condition

The flag is intact with only minor damage at the bottom of the fly end. There is a 1 1/2" x 1/4" hole in the bottom fly corner. The top bar has a 1 1/2" "L" shaped tear near the center bottom. The upper fly corner has a 1" horizontal tear. The lower leading edge corner of the fly has a 1/2" square hole. The leading edge has seven holes arranged in three pairs plus one extra at the top and above the ties at the bottom of the canton that appear to be from tacks. The obverse of the flag is soiled with one area in the white bar appearing to be a square approximately 6" x 4", a dark area under the fly end of the canton and smaller dark stains in the top bar. The reverse has diagonal soiling in the top bar. The edges of the reverse stars are folded over. Some of the stars have an additional tacking thread repair. The flag has creases from a prolonged period of being folded.

REPORT OF TREATMENT

Documentation

1. The flag, as received in the frame, was photographed (see photo 1). The flag was removed from the frame and photographed on both sides (see photos 2-4). A detail photo was taken of the writing (see photo 5). The condition of the fabrics was evaluated to determine the stability of the fibers.

2. The fibers, fabrics, and sewing threads were analyzed. Information about the construction of the flag, and any evidence of alterations to the original were noted. Scale drawings were made of the flag and an analysis report prepared.

Stabilization

3. The flag was vacuum cleaned to remove airborne contaminants.

4. To relax the fabrics and remove creases, the flag was humidified by light misting with distilled water. When relaxed, the fabrics were flattened and dried under glass weights.

Preparation for Exhibition

The flag is mounted in a pressure mount frame. This is a custom made exhibit case that will provide the fabrics with uniform support over the entire surface and create an internally buffered, stable environment that will protect the object from outside contaminants.

5. A buffered, acid-free panel¹ was prepared then covered with nonwoven polyester batting² and a previously washed, unbleached, airwing grade, fine cotton fabric³.

6. The flag was attached to the padded panel with one row of stitching across the top using single ply silk thread to prevent shifting during transport. The flag was photographed on the panel (see photo 6).
7. Ultra-violet filtering SG-100 Lexan⁴ was laid over the flag, applying a light pressure to the fabric. The entire unit was placed in a custom made frame with an aluminum back for support and an outer frame of silver colored wood⁵.
8. A final photo was taken (see photo 7) and a treatment report prepared.

PROGNOSIS

The object should be exhibited under less than five foot-candles of light. Because any light is damaging, it is recommended that the piece be rotated between exhibit and storage, or covered with a dense cloth when not being viewed. Maximum effort should be made to reduce the total exposure to light. Care should be taken to avoid aiming lights directly on the case, which can cause a "greenhouse" effect, or heat build up within the unit.

To best preserve the object, the temperature and humidity level should be kept fairly constant, with temperatures of less than 70 degrees Fahrenheit and a relative humidity of 45% plus or minus 5%. Avoid hanging the object against an outside wall, or place spacers between the wall and the frame to prevent humidity transfer.

If this object is ever stored, it can be placed flat or vertical. We recommend storage in the frame, since it is part of the conservation treatment and will provide a more stable environment.

HANGING THE FRAME

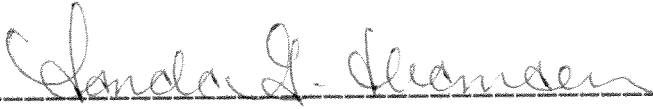
There are two metal tabs along the top of the frame for hooking onto a screw or bolt. Phillips head screws are inserted in the back of the frame and can be removed to open the frame if it is ever necessary.

CARE OF THE PLEXIGLAS

The plexiglas is soft and may scratch so care must be taken during handling. Plexiglas should not be cleaned with ammonia based window cleaners. Either plexiglas cleaner should be purchased, or water with a drop of liquid dishwasher detergent can be used along with very soft rags (diapers or gauze). If paper towels are used they should be extremely soft.

Total treatment hours: 10

Work on the object was carried out by Mary Jo Clemens, Conservation Technician, Textile Preservation Associates, Inc. and reviewed by the Director.



Fonda Ghiardi Thomsen, Director
Fellow, American Institute for Conservation

3/25/03

Date

Reference list of materials used in the conservation of this object.

1. Corrugated Board, buffered, acid free: Hollinger Corporation, P.O. Box 8360, Fredericksburg, VA 22404 (800) 634-0491.

2. Batting, "Jasztex" a thermo bonded polyester batting: Museum Services Corp., 1107 East Cliff Road, Burnsville, MN 55337-1514 (612) 895-5199

"Poly-fil Traditional Batting" a non-woven, needle punched batting:
Fairfield Processing Corporation, 88 Rose Hill Avenue, Danbury, CT 06810.

3. Cotton, a 100% airwing grade fabric: Fox Reich Textiles, Inc., 54 Danbury Road, Suite 228, Ridgefield, CT 06877 (914) 533-2445.

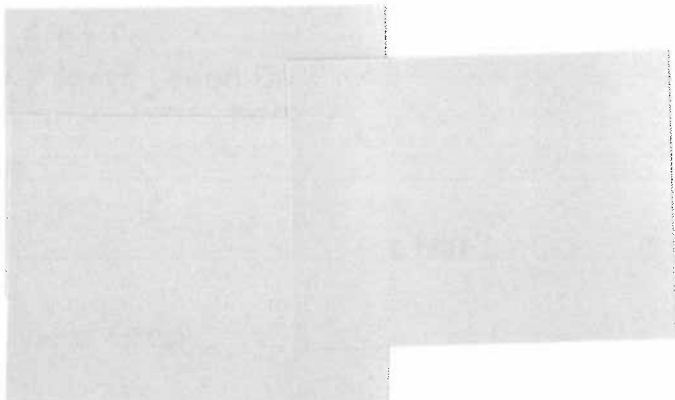
4. Lexan SG-100: made by General Electric Company, 812 Moorefield Drive, Suite 121, Richmond, VA 23236 (804) 323-4880.

5. Shenandoah Framing, Inc., 215 Greenhouse Road, Lexington, VA 24450 (800) 368-2171.

Textile Preservation Associates, Inc.

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April 7, 2003



Enclosed please find the Invoice and Treatment Report, including a photo CD, for your flag.

I have enclosed directions to our lab from I-81 and also I-70. We look forward to meeting you.

Sincerely,

Donna Lee Tissue
Administrator

