

QUARTERMASTER CORPS
TENTATIVE
SPECIFICATION

J.Q.D. No. 88H
11 September 1946

Superseding
J.Q.D. No. 88G
24 May 1944

RUCKSACK*
(Stock No. 74-R-350)

A. APPLICABLE SPECIFICATIONS.

A-1. The following specifications and drawings, of the issue in effect on date of invitation for bids, shall form a part of this specification.

A-1a. Federal Specifications:

- T-T-881 - Twine; Cotton, Seine
- V-T-276 - Thread, Cotton
- KK-L-201 - Leather; Lace
- NN-B-601 - Boxes; Wood-Cleated-Plywood
- NN-B-621 - Boxes; Wood, Nailed and Lock-Corner
- NN-B-631 - Boxes; Wood, Wire-Bound For Domestic Shipment
- QQ-M-151 - Metals; General Specification for Inspection of
- TT P-636 - Primer, Paint; Synthetic (for Ferrous Metals and Wood Surfaces)
- DDD-S-751 - Stitches; Seams; and Stitching
- LLL-B-631 - Boxes; Fiber, Corrugated (for Domestic Shipment)
- LLL-B-636 - Boxes; Fiber, Solid

A-1b. Joint Army-Navy Specifications:

- JAN-C-332 - Cloth, Cotton, Fine, Plain
- JAN-P-105 - Packaging and Packing for Overseas Shipment - Boxes, Wood, Cleated, Plywood
- JAN-P-106 - Packaging and Packing for Overseas Shipment - Boxes; Wood, Nailed
- JAN-P-107 - Packaging and Packing for Overseas Shipment - Boxes, Wood, Wire-Bound
- JAN-P-108 - Packaging and Packing for Overseas Shipment - Boxes, Fiberboard (V-Board and W-Board), Exterior and Interior
- JAN-P-125 - Packaging and Packing for Overseas Shipment - Barrier-Materials, Water-proof, Flexible

A-1c. United States Army Specifications:

- 2-97 - Wax (Saddler's and Stitching)
- 3-1 - Color Card, Supplement to General Specifications for Inspection and Tests, Paints and Related Materials.

*This is the approved nomenclature

- 3-173 - Enamel, Synthetic, Lustreless
- 6-185 - Webbing, Cotton, Natural, or in Colors
- 6-342 - Duck; Cotton, Plied-Yarns (Army, Numbered and Special Use)
- 6-349 - Dyeing and Finishing of Cotton Duck and Twill
- 6-363 - Cord and Rope: Cotton, Braided
- 29-105 - Fasteners, Snap
- 29-106 - Grommets with Washers
- 57-136 - Steel, Carbon and Alloy; Sheets and Strips
- 92-61 - Compound, Leather pressing, Preservative, for Field Treatment
- 100-31 - Fasteners, Slide

A-ld. Quartermaster Corps Tentative Specifications:

- JQD No. 142 - Clips, End
- JQD No. 147 - Buckles, Tongueless, Double Bar
- JQD No. 156 - Buckles, End, 1-Inch
- JQD No. 160 - Loops, Strap
- JQD No. 168 - Rings, Tent
- JQD No. 183 - Snaps, 1"
- JQD No. 191 - Rings, "D"
- JQD No. 269 - Eyelets and Washers
- JQD No. 328 - Snap, Lock
- JQD No. 376 - Hook, Sliding, 5/8"
- JQD No. 377 - Leather: Chrome and Chrome Vegetable Retanned (Latigo Type)
- JQD No. 407 - Buckles, Center-Bar (Satchel or Skate)
- JQD No. 430 - Rivets, Belt, with Burrs
- JQD No. 462 - Dyeing and Finishing of Webbing
- JQD No. 596 - Finishing (Mildew Resistant) of Thread
- JQD No. 703 - Finish, Textile, Fire-Water-and-Mildew-Resistant (For Tent Liner Fabrics)
- OQMG No. 94 - Specifications for Marking of Outside Shipping Containers by Contractors

A-le. Drawings CJ-1050, CJ-1051, CJ-1052, CJ-1053, Rev. 1, and CJ-1054 to CJ-1065, inclusive, are attached to and form a part of this specification.

NOTE: Enlarged drawings 16" x 21" will be furnished manufacturer upon request.

B. TYPE AND SIZE

B-1. This specification covers one type and size of Rucksack.

C. MATERIAL AND WORKMANSHIP

C-1. Materials - Shall conform in all respects to the specifications and drawings listed in Section A, and as hereinafter specified.

C-1a. Rucksack, Less Camouflage Cover, Frame, and Snap Lock. -

C-1a(1). Duck, Cotton - Used in the fabrication of the pouch bottoms shall be 12.29 oz. per square yard in the grey and for all other parts of the pouch, 9.85 oz. per square yard in the grey. The cotton duck shall conform to the requirements for Type III, Table II, Specification 6-342.

C-1a(1)a. Color and Treatment - The cotton duck shall be dyed olive drab No. 7 shade and water repellent and mildew resistant treated conforming to the requirements for Type I or II, Class C, Specification 6-349.

C-1a(2). Webbing, Cotton - Shall conform to the requirements of Specification 6-185 as follows:

Type I, 3/4", 0.30 oz. per linear yard.
Type I, 1", 0.40 oz. per linear yard.
Type III, 5/8", 1 oz. per linear yard.
Type III, 1", 1.33 oz. per linear yard.
Type III, 2-1/4", 4 oz. per linear yard.

C-1a(2)a. Color and Treatment - Webbing shall be vat dyed olive drab No. 7 shade and water repellent and mildew resistant treated conforming to the requirements for Class B, Specification JQD No. 462.

C-1a(3). Thread, Cotton, Machine - Shall conform to the requirements of Specification V-T-276 as follows:

All stitching with the exception of stitching leather reinforcements to pouch back and pouch center reinforcement; billets and chapes to pouch reinforcement straps and billets; all straps, chapes and billets to the pouch; and also stitching frame support and shoulder strap to pouch back, center reinforcement and leather reinforcement; and frame supports together

- 4-Ply, Ticket No. 16,
Types IA3 and IB3,
Table I.

Stitching leather reinforcement to pouch back and pouch center reinforcement; billets and chapes to pouch reinforcement straps and billets; also all straps, chapes and billets to the pouch

- 3-Ply, Ticket No. 10/3, Types IIIA and IIIB, Table IV.

Stitching frame support and shoulder strap to pouch back, center reinforcement and leather reinforcement; and frame supports together

- 6-Ply, Ticket No. 8/6, Types IIIA and IIIB, Table IV.

All thread to be used in the manufacture of this item shall contain a label inside the cone at the bottom edge with the following certification:

"This thread conforms to the requirements of Federal Specification V-T-276 for Type _____, Size _____, Label _____.
(Name of Manufacturer, Year of Manufacture)."

C-1a(3)a. Color - The thread shall be vat dyed olive drab shade "S-1", conforming to United States Army Standard Color Card (copies of which will be furnished upon request by the Philadelphia Quartermaster Depot, Philadelphia, Pennsylvania).

C-1a(3)b. Treatment, Mildew Resistant - The thread shall be treated in accordance with the requirements of Class B, Specification JQD No. 596. The thread, after treatment, shall be free of all volatile solvents.

C-1a(4). Rope, Cotton, Solid Braided, No. 4, 1/8" Diameter, Mildew Resistant Treated - Shall conform to the requirements for Type II, Specification 6-363.

C-1a(5) Wax, Stitching, Russet, Type II or Wax, Stitching, White, Type II - Shall conform to the requirements described in Specification 2-97.

C-1a(6). Leather. -

C-1a(6)a. Leather, chrome, vegetable retanned, 50 percent Grade "A" and 50 percent Grade "B", conforming to the requirements as described in Specification JQD No. 377 shall be used in the fabrication of the following leather parts on the rucksack:

	<u>Thickness of Leather</u>
Leather pocket flap billets	- 6/64" (<u>3/4 or -1/2 sixty-fourths</u>)
Leather pocket buckle chapes	- 6/64" (<u>3/4 or -1/2 sixty-fourths</u>)
Leather pouch reinforcement strap billet ends	- 8/64" (<u>3/4 or -1/2 sixty-fourths</u>)
Leather pouch reinforcement strap buckle chapes	- 8/64" (<u>3/4 or -1/2 sixty-fourths</u>)
Leather inside frame supports	- 10/64" (<u>3/4 or -1/2 sixty-fourths</u>)
Leather outside frame supports	- 10/64" (<u>3/4 or -1/2 sixty-fourths</u>)
Leather reinforces	- 4/64" (<u>3/4 or -1/2 sixty-fourths</u>)
Leather slide fastener thongs	- 4/64" (<u>3/4 or -1/2 sixty-fourths</u>)

C-1a(6)b. Finish, Mildew Resistant - All leather shall be made mildew resistant by the following method:

During the tanning process a solution of 1/2% paranitrophenol, based on the wet weight of the leather, shall be used as a mildewproofing agent. As an alternate method 1% of ammonium pentachlorophenate based on the wet weight of the leather, shall be employed as mildewproofing agent.

The leather shall be water repellent treated by any approved method. The mildewproofing and water repellent treatment may be applied together in one bath in accordance with the provisions of Specification 92-61.

C-1a(7). Fastener, Slide, LE3-NAS-04-M - Shall conform to the requirements of Specification 100-31.

C-1a(8). Buckles, 5/8", Double Bar, Tongueless, Brass, Bronze Finish and Buckles, 1", Double Bar, Tongueless, Brass, Bronze Finish. - Shall conform to the requirements for Class D, Specification JQD No. 147.

C-1a(9). Buckles, End, 1", Bronze Finish - Shall conform to the requirements for Class A, Specification JQD No. 156.

C-1a(10). Loops, Strap, Brass, Bronze Finish, 1" x 1/2", Style 2 - Shall conform to the requirements for Class C, Specification JQD No. 160.

C-1a(11). Clips, End, Ball Type, Brass, Bronze Finish, 5/8" and Clips, End, Ball Type, Brass, Bronze Finish, 1" - Shall conform to the requirements for Class A, Type I, Specification JQD No. 142.

C-1a(12). Rings, "D", 1" x .875", Brass Wire, Bronze Finish - Shall conform to the requirements for Class A, Specification JQD No. 191.

C-1a(13). Snaps, 1", Brass, Bronze Finish - Shall conform to the requirements for Class A, Specification JQD No. 183.

C-1a(14). Fasteners, Snap, Brass, Bronze Finish, Style 2, Complete - Shall be made in accordance with the requirements for Class A, Style 2, Specification 29-105.

C-1a(15). Rings, Tent, Zinc, 3/4" - Shall conform to the requirements for Class B, Specification JQD No. 168.

C-1a(16). Grommets, Brass, Bronze Finish, with Toothed Washer, No. 0 and Grommets, Brass, Bronze Finish, with Toothed Washers, No. 5 - Shall be made in accordance with the requirements for Type I, Class B, Specification 29-106.

C-1a(17). Eyelets No. 4132, Brass, Bronze Finish. - Shall be made in accordance with the requirements described in Specification JQD No. 269.

C-1a(18). Rivets, Belt, 3/8", No. 12, Brass, Bronze Finish with Burrs. - Shall be made in accordance with the requirements for Class A, Specification JQD No. 430.

C-1a(19). Buckles, Center-Bar (Satchel or Skate), with Roller, 5/8" and Buckles, Center-Bar (Satchel or Skate), with Roller, 1" - Shall conform to the requirements for Type I, Class A, and Type II, Class A, respectively, Specification J.Q.D. No. 407.

C-1a(20). Hook, Sliding, 5/8", Brass - Shall conform to the requirements for Class A, Specification JQD No. 376.

C-1b. Cover, Camouflage, Rucksack. -

C-1b(1). Cloth - The cloth used in the manufacture of the camouflage cover shall be Cloth, Cotton, Fine, Plain, Balloon, H.H., 2.25 oz. - Shall conform to the requirements for Class C, Specification JAN-C-332.

C-1b(1)a. Treatment, Mildew Resistant, and Color - The cloth shall be made mildew resistant conforming to the requirements of Specification JQD No. 703. The color shall be white.

C-1b(2). Thread, Cotton, Machine - Shall conform to the requirements of Specification V-T-276 as follows:

For all stitching - 4-Ply, Ticket No. 24, Types IA2 and IB2, Table I.

All thread to be used in the manufacture of this item shall contain a label inside the cone at the bottom edge with the following certification:

"This thread conforms to the requirements of Federal Specification V-T-276 for Type _____, Size _____, Label _____ (Name of Manufacturer, Year of Manufacture)."

C-1b(2)a. Treatment, Mildew Resistant - The thread shall be made mildew resistant conforming to the requirements of Class B, Specification JQD No. 596.

C-1b(3). Twine, Cotton, Seine, Bleached, No. 96 - Shall be No. 96, medium laid, conforming to the requirements of Specification T-T-881.

C-1b(4). Grommets, Brass, Bronze Finish, with Toothed Washers, No. 2 - Shall be made in accordance with the requirements for Type I, Class B, Specification 29-106.

C-1c. Frame, Steel, for Rucksack. -

C-1c(1). Body of Frame - Shall be made from seamless or electric resistance welded $1/2$ " outside diameter tubing, having a carbon content of .15 to .20 percent. The wall thickness of the tubing shall be 0.035".

C-1c(2). Sleeve of Frame - Shall be made from seamless or electric resistance welded $9/16$ " outside diameter tubing, having a carbon content of .15 to .20 percent. The wall thickness of the tubing shall be 0.028".

C-1c(3). Reinforce and Cross Plates of Frame - Shall be made from 0".0359 thick cold rolled sheet steel, conforming to the requirements of W.D. No. 1015, Specification 57-136.

C-1c(4). Primer - Shall conform to the requirements of Specification TT-P-636.

C-1c(5). Enamel - Shall conform to the requirements of Grade I, Specification 3-173.

C-1c(5)a. Color - Shall be olive drab corresponding to Color No. 319 of Color Card Supplement to Specification 3-1.

C-1d. Lock Snap with Thong. -

C-1d(1). Snap, Lock, Bronze, Bronze Finish - Shall conform to the requirements for Class A, Specification JQD No. 328,

C-1d(2). Thong, Snap, Lock, Rucksack - Shall be made from lace leather, $6/64$ " to $8/64$ " thick, conforming to the requirements for Type B, Class II, Specification KK-L-201.

C-1d(2)a. Finish, Mildew Resistant - The leather shall be finished in accordance with the requirements specified in paragraph C-1a(6)b.

C-2. Workmanship - The finished article shall be clean, well made, and free from any defect which may affect appearance or serviceability.

D. GENERAL REQUIREMENTS.

D-1. Construction - Shall conform to the requirements specified herein and as shown on drawings.

D-2. Stitching. -

D-2a. All stitching shall be machine stitching conforming to the requirements for Type 301, Specification DDD-S-751 as follows:

For all stitching with 8-ply,
ticket No. 8/6 thread and
all stitching on leather - 6 stitches to the inch.

For all stitching with 4-ply,
ticket No. 16 thread - 8 stitches to the inch.

For all stitching with 4-ply,
ticket No. 24 thread - 12 stitches to the inch.

D-2b. The Types IB2 and IIIB thread shall be used for needle or top thread in machine and Types IA2 and IIIA for bottom or bobbin thread in machine.

D-2c. When machine stitching, Type 301, on duck or webbing is not a continuous thread, it shall be backstitched not less than 1 inch at each break. All stitching shall be backstitched at the ends to prevent raveling, except when the ends are turned under in a hem or held down by other stitching. Thread tension shall be properly maintained so that the lock will be embedded in the center of the materials sewed. Thread breaks in leather shall be overlapped consistent with good commercial practice.

D-2d. Machine stitching with 6-ply, ticket No. 8/6 thread, shall be done either on a machine capable of using a hot stitching wax, the wax to conform to Type II, described in paragraph C-1a(5), or on a machine capable of using a liquid wax, the wax to be equal to a commercial wax known as Cyroxyton. The thread shall be thoroughly impregnated with the wax. The use of prewaxed prepared thread will not be permitted.

D-3. Grommets with Toothed Washers - Shall be securely clinched without cutting the duck. The holes punched in the duck to receive the grommets shall be smaller than the outside diameter of the grommet barrel, so that barrel must be forced through the hole.

D-4. End Clips- Shall be firmly attached without cutting the webbing which shall be inserted the full depth and lie flat at the point where it enters.

D-5. Fasteners, Snap, Style 2 - Shall be tightly clinched. When holes are punched before inserting the male or female part of the fastener, they shall be smaller than the outside diameter of fastener tube, so that the tube must be forced through the hole.

D-6. Eyelets - The male part of die or anvil used for inserting eyelets shall have a round, tapered point to prevent intentional cutting of yarns in webbing. Eyelets shall be tightly clinched without splitting.

D-7. Rivets.- All solid rivets shall be securely set.

D-8. Creasing, edging, finishing, etc., of leather, shall be done in an accurate, neat and workmanlike manner.

D-9. Frame for Rucksack - The 1-15/16" radius shown in side view illustration on Drawing CJ-1053 shall be strictly adhered to.

D-9a. Welding - All welds shall be sound, smooth and free from holes or fissures. Spot welds shall be free from pits and flashes.

D-9b. The finished frame, when placed on an even plane, shall withstand a compression test of at least 350 pounds without permanently distorting the frame not more than 1/4" across the width or 1/8" in the depth.

D-9c. Finish for Frame - After complete fabrication, the frame shall be thoroughly cleaned by any good commercial method and then given a coat of primer conforming to the requirements specified in paragraph C-1c(4). After the primer is thoroughly dry, it shall be followed by one coat of olive drab enamel conforming to the requirements of paragraph C-1c(5). The enamel shall level out to a smooth, uniform surface without runs, orange peel, grit or separation of color and with no areas of thin film.

D-10. Marking for Identification - Black waterproof ink or waterproof stencil paint shall be used in stenciling or printing the letters "U.S." on the Rucksack and cover in solid face characters and also the following data in characters 1/4" high on each of two items, in the location as indicated on Drawings CJ-1063 and 1065.

Approved Nomenclature
Stock Number
Name of Manufacturer, trade name
or trade mark of such known
characters easily identifiable
with said manufacturer.
Year of Manufacture.

D-11. Samples for Approval.- Before production is commenced, a sample of the finished commodity shall be submitted for approval.

D-12. Contractor's Inspection - The contractor shall take such steps for inspection of the finished articles to assure compliance with this specification prior to submitting them to the United States Government for final inspection.

E. DETAIL REQUIREMENTS

E-1. See Section D.

F. METHODS OF SAMPLING, INSPECTION AND TESTS.

F-1. Sampling - Samples of any materials, components, etc., not furnished by the United States Government, entering into the manufacture of the articles covered herein shall be selected from time to time by the Government Inspector, carefully examined and tests made to determine if they are in accordance with the drawings and specifications listed in Section A, and with this specification.

F-2. Inspection - Inspection may be made throughout the entire process of manufacture. The passing as satisfactory of any detail of construction or materials shall not relieve the contractor of responsibility for faulty workmanship or materials which may be discovered at any time prior to final acceptance. Final inspection of the finished article shall be made either at point of production or at point of delivery designated in the contract or purchase order of procuring agency. In case of factory inspection, every facility shall be afforded inspectors, by the manufacturer, for the prosecution of their work.

F-3 Tests - Shall be in accordance with Specification QQ-M-151 insofar as applicable.

G. PACKAGING, PACKING AND MARKING FOR SHIPMENT.

G-1. Packaging and Packing for Rucksacks, Complete. -

G-1a. Packaging - The rucksack shall be completely assembled by attaching the bag to the frame and also attaching the snap lock to the frame with the thong provided for that purpose as indicated on Drawing CJ-1051. The cover shall be neatly folded and placed in the front pocket of the bag.

G-1b. Packing - Ten (10) rucksacks, alternated end for end, shall be packed in a box having approximate inside dimensions 21" long x 18-1/2" wide x 21" deep and conforming to one of the following:

G-1b(1). Boxes for Domestic Shipment. -

G-1b(1)a. A solid fiberboard box, Style RSC, conforming to Specification LLL-B-636. Each box shall be equipped with a double wall corrugated fiberboard liner covering the sides and ends, extending the full depth, and having vertical corrugations. The ends of the liner shall abut in the middle of one side of the box, and the liner shall have three 0.06" facings and two 0.009" corrugations, and shall have a bursting strength of not less than 275 pounds per square inch.

G-1b(1)b. A nailed wood box conforming to Specification NN-B-621, Style 2 or 4, except that the sides, top and bottom shall be not less than 7/16" thick and the ends and cleats not less than commercial 1" lumber dressed two or more sides.

G-1b(1)c. A wood cleated plywood box conforming to Specification NN-B-601, Style A or B, except plywood used in the sides, top, bottom and ends shall be not less than 3/16" thick, and the cleats not less than 1-3/4" wide by 3/4" thick.

G-1b(1)d. A wirebound box conforming to Specification NN-B-631, Style 2 with F batten ends, Group III or IV woods, except sides, top, bottom and ends shall be not less than 1/4" resawn lumber (cleats shall be not less than 13/16" square); there shall be five (5) 14 gauge binding wires; the end battens shall be not less than 1-3/8" wide and 13/16" thick; and all staples shall be spaced not more than 1-1/2" apart. At least two (2) 7d cement-coated box cooler or sinker nails shall be driven through the boards and cleats at both ends of each side into the side grain of the adjacent batten.

G-1b(2). Boxes for Overseas Shipment. -

G-1b(2)a. A solid fiberboard box, Style RSC, constructed, sealed and strapped to conform with the requirements of Specification JAN -P-108, Compliance Symbol V3s. Each box shall be provided with a liner as specified for domestic boxes in paragraph G-1b(1)a.

G-1b(2)b. A nailed wood box constructed and strapped to conform with Specification JAN-P-106, Type III load.

G-1b(2)c. A wood cleated plywood box constructed and strapped to conform with the requirements of Specification JAN-P-105, Style A or B for Type III load.

G-1b(2)d. A wirebound box constructed and strapped to conform with the requirements of Specification JAN-P-107, Style 1, 2, 2A, or 3 for Type III load.

G-1c. Waterproof Barrier - Each box shall be provided with a case liner conforming to the requirements of Specification JAN-P-125, Type L-2 or M. At the top of the box and at any point where two edges of the same sheet or of different sheets meet, the edges shall overlap not less than 4 inches. -

G-2. Packaging and Packing of Leathers, Cut Stock, for Rucksack. -

G-2a. Packaging - Leathers, Cut Stock, for Rucksack, when procured as separate components, shall be prepared for packing by segregating the various component parts such as the top and bottom frame supports, slide fastener thongs, buckle chapes and billets, etc., in bundles of fifty (50) units each, securely tied with a suitable cord or string.

G-2b. Packing - Leathers, Cut Stock, for Rucksack, when procured as separate components, shall be packed two hundred (200) complete sets in a box conforming to one of the following:

G-2b(1). Domestic - A fiberboard box, Style RSC, conforming to Specification LLL-B-631. Each box shall be equipped with a double wall corrugated fiberboard liner covering the sides and ends, extending the full depth, and having vertical corrugations. The ends of the liner shall abut in the middle of one side of the box, and the liner shall have three 0.016" facings and two 0.009" corrugations, and shall have a bursting strength of not less than 275 pounds per square inch.

G-2b(2). Overseas - A solid fiberboard box, Style RSC, constructed, sealed and strapped to conform with the requirements of Specification JAN-P-108, Compliance Symbol V3s. Each box shall be provided with a liner as specified for domestic shipment in paragraph G-2b(1). The contents shall be protected by means of a waterproof barrier as specified in paragraph G-1c.

G-3. Packaging and Packing of Thongs, Snap Lock, for Rucksack. -

G-3a. Packaging - Thongs, Snap Lock, for Rucksack, when procured as separate components, shall be prepared for packing by tying securely in bundles of fifty (50) each with a suitable cord or string.

G-3b. Packing - Thongs, Snap Lock, for Rucksack, when procured as separate components, shall be packed twenty-five hundred (2500) (50 bundles) in a box conforming to the following:

G-3b(1). Domestic - A fiberboard box, Style RSC, equipped with a double wall liner as specified in paragraph G-2b(1).

G-3b(2). Overseas - A solid fiberboard box, Style RSC, provided with a fiberboard liner and also a case liner of waterproof barrier material, as specified in paragraph G-2b(2).

G-4. Packing of Frames for Rucksack. - Forty (40) Frames for Rucksack shall be packed for domestic and overseas shipment in boxes as specified in paragraphs G-4a and G-4b respectively. The frames shall be arranged within the box, alternated end for end, in pairs with the convex face down. The first pair shall be placed across the width of the box, the second pair shall be placed across the length, the third across the width, and so on, alternating each pair until the box is full.

G-4a. Domestic - A fiberboard box, Style RSC, equipped with a double wall liner as specified in paragraph G-2b(1).

G-4b. Overseas - A solid fiberboard box, Style RSC, provided with a fiberboard liner and also a case liner of waterproof barrier material, as specified in paragraph G-2b(2).

G-5. Marking - Marking on each box containing Rucksacks, Complete, or on boxes containing components for Rucksacks, which are procured separately, shall conform to the requirements of Specification OQMG No. 94.

H. NOTES.

H-1. Bill of Materials No. 3-206, of the current issue in effect, is applicable to this specification.

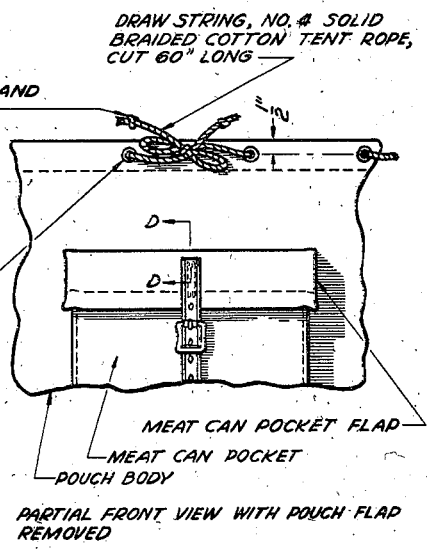
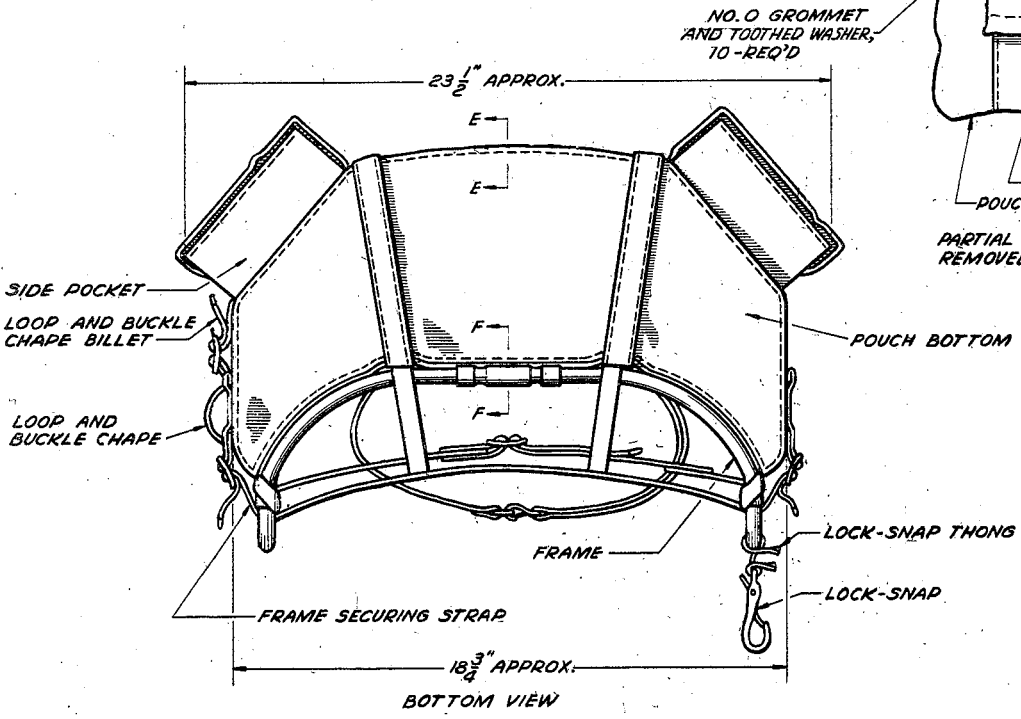
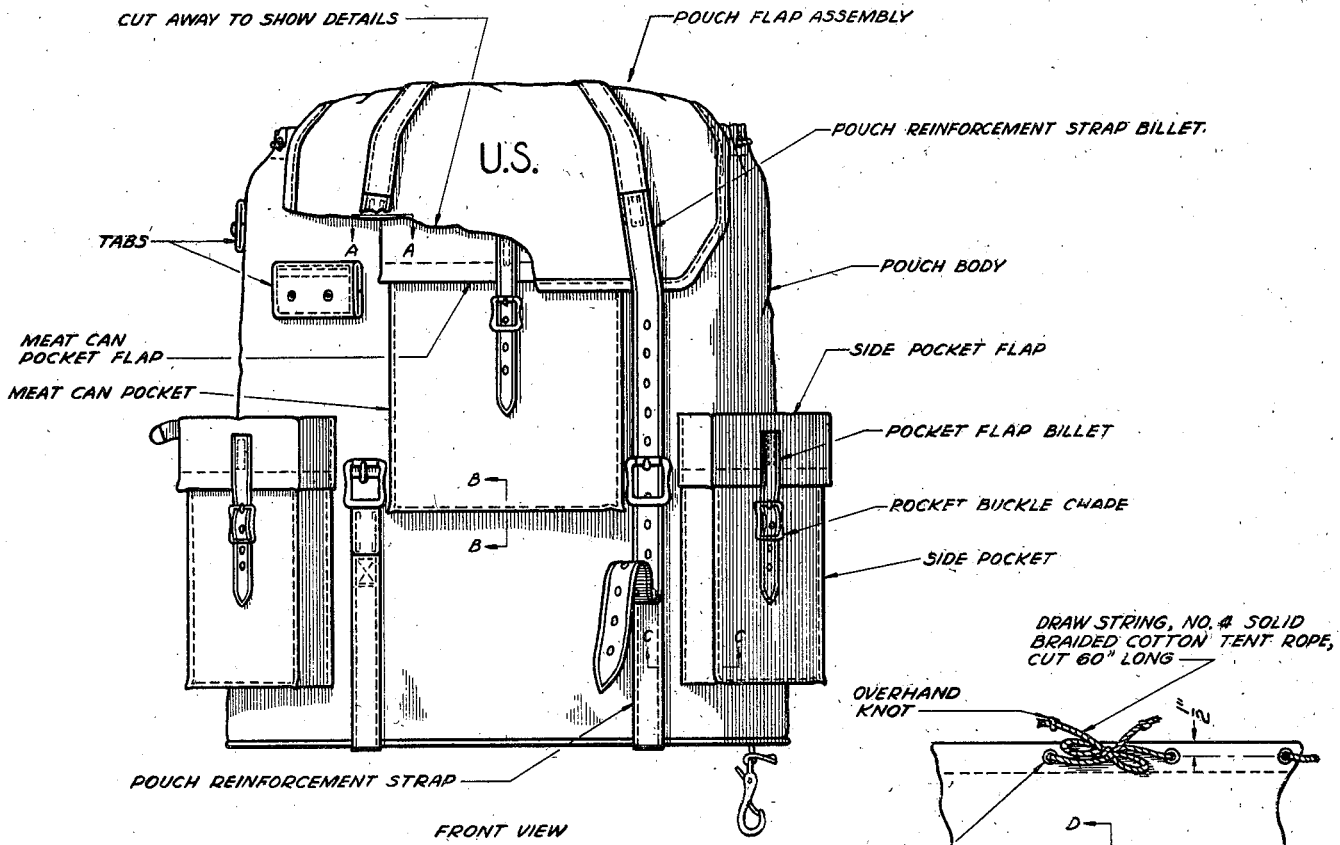
This Bill of Materials is for the information of the United States Government only and not for distribution to fabricators.

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NOTE: Unless otherwise specified in invitation for bid or purchase order, copies of this specification may be obtained at the following point:

Jeffersonville Quartermaster Depot, Jeffersonville, Indiana



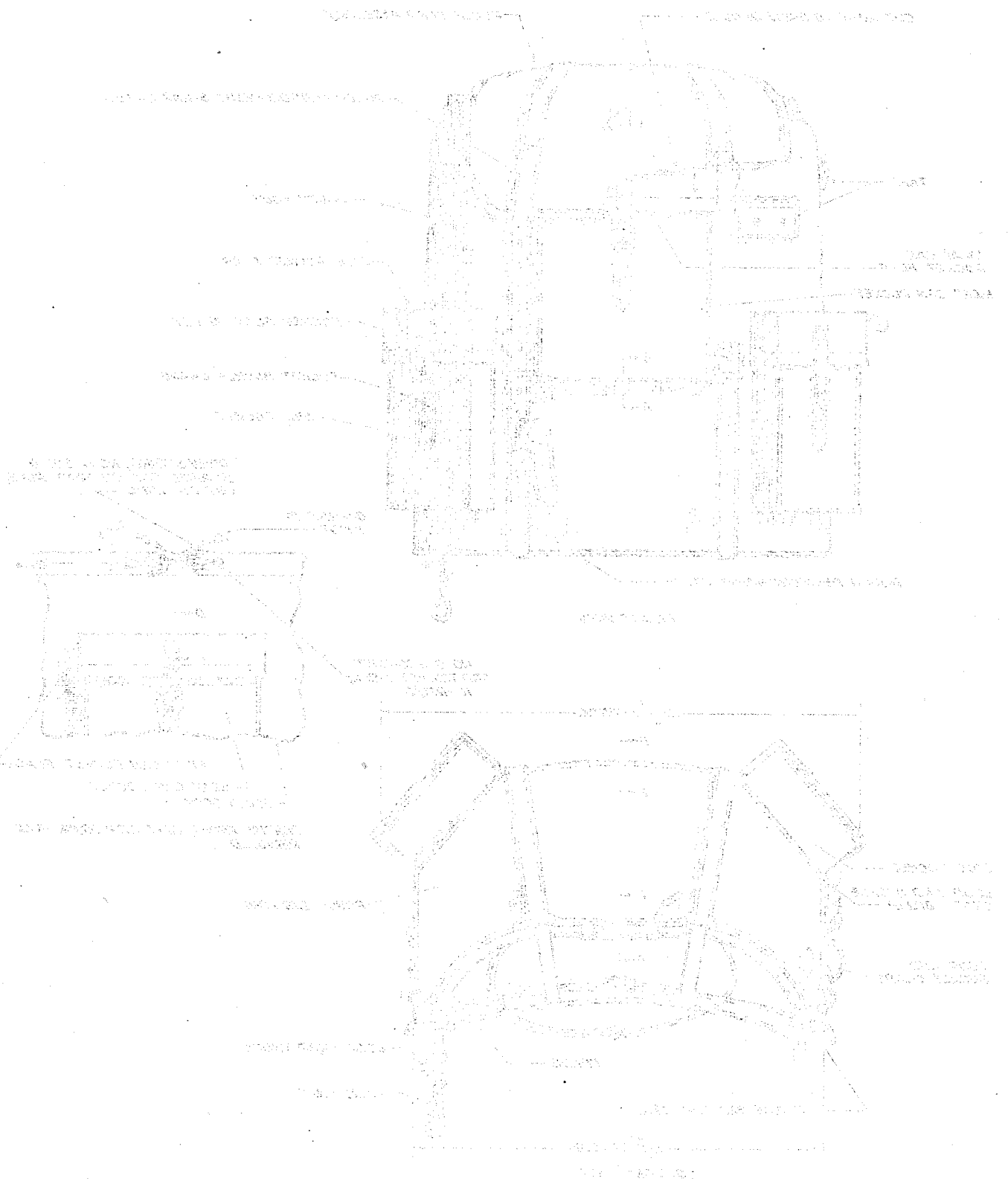


ASSEMBLY

NOTE - FOR DETAILS OF SECTIONS A-A TO F-F SEE DRAWING CJ-1052

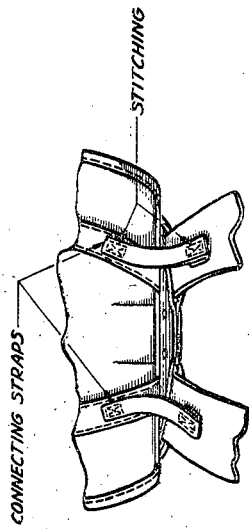
RUCKSACK

REV. SYM.	FROM	TO	DATE
CJ-1050			



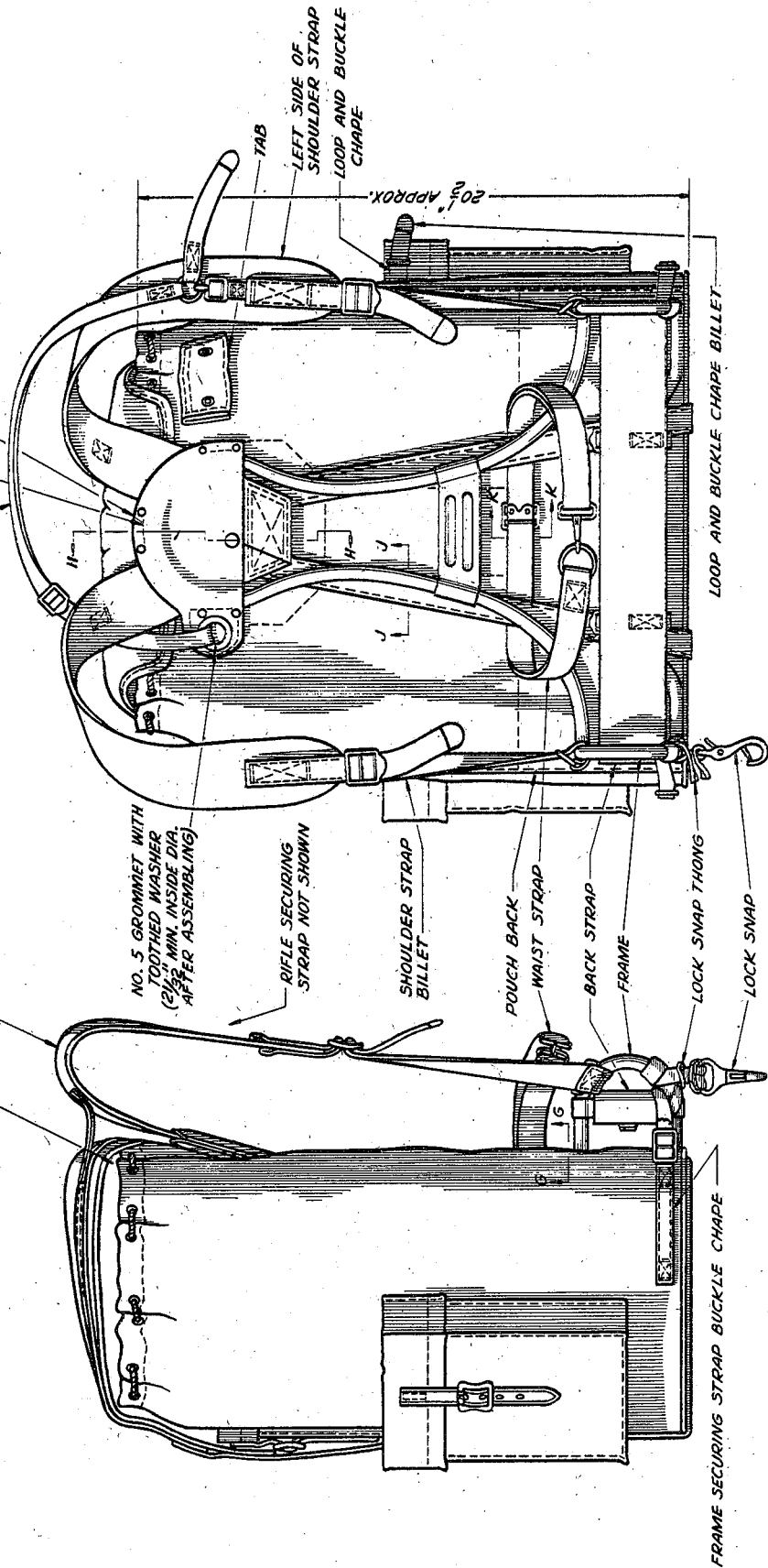
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40

1. This drawing is a technical drawing of a mechanical assembly. It shows the main assembly and two sub-assemblies. The drawing is annotated with labels and leader lines. The labels are numbered 1 through 40. The drawing is a technical drawing of a mechanical assembly. It shows the main assembly and two sub-assemblies. The drawing is annotated with labels and leader lines. The labels are numbered 1 through 40.



PARTIAL TOP VIEW
RIFLE SECURING STRAP
STITCHING
FRAME SUPPORT

TIE SQUARE KNOT IN DRAW STRING UNDER FLAP TO PREVENT LOOSENING



BACK VIEW

SIDE VIEW

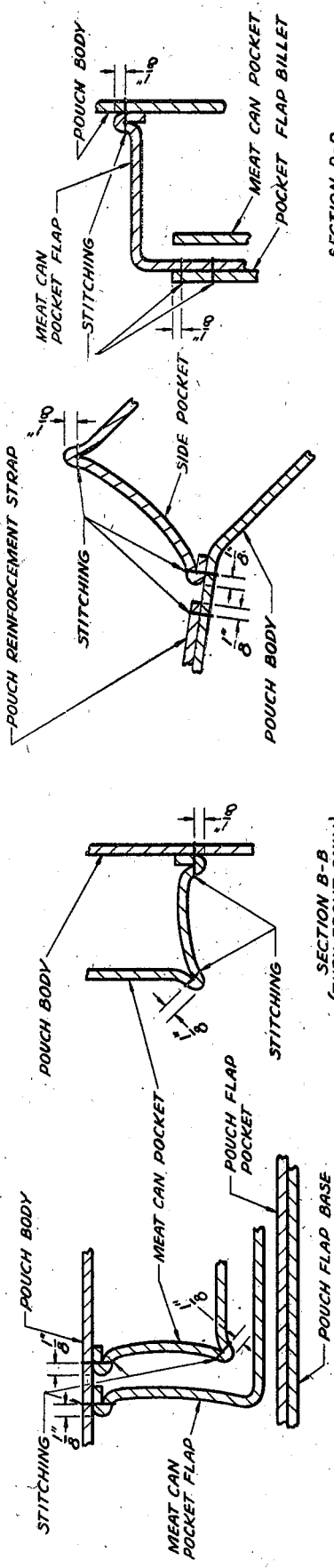
ASSEMBLY

NOTE - FOR DETAILS OF SECTIONS G-G TO K-K SEE DRAWING CJ-1052

REVISION	FROM	TO	DATE

RUCKSACK

CJ-1051

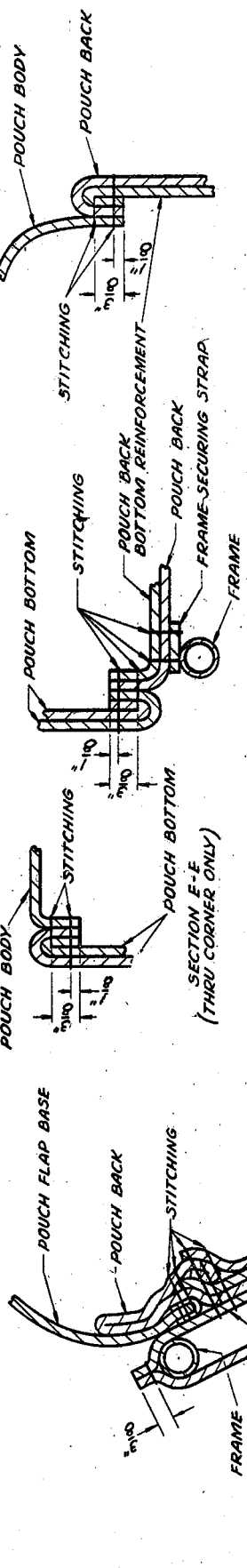


SECTION A-A
(THRU FRONT ONLY)

SECTION B-B
(THRU FRONT ONLY)

SECTION C-C
(THRU FRONT ONLY)

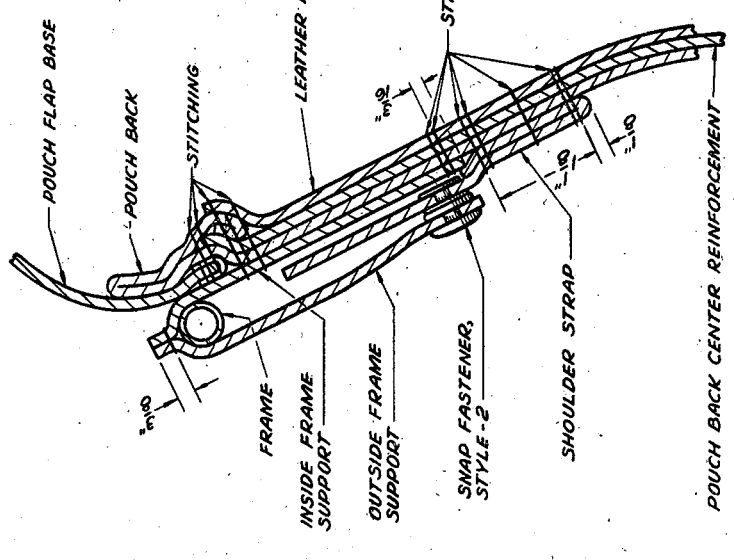
SECTION D-D
(THRU FRONT ONLY)



SECTION E-E
(THRU CORNER ONLY)

SECTION F-F
(THRU CORNER ONLY)

SECTION G-G
(THRU CORNER ONLY)



SECTION H-H
(THRU BACK ONLY)

SECTION J-J
(THRU BACK ONLY)

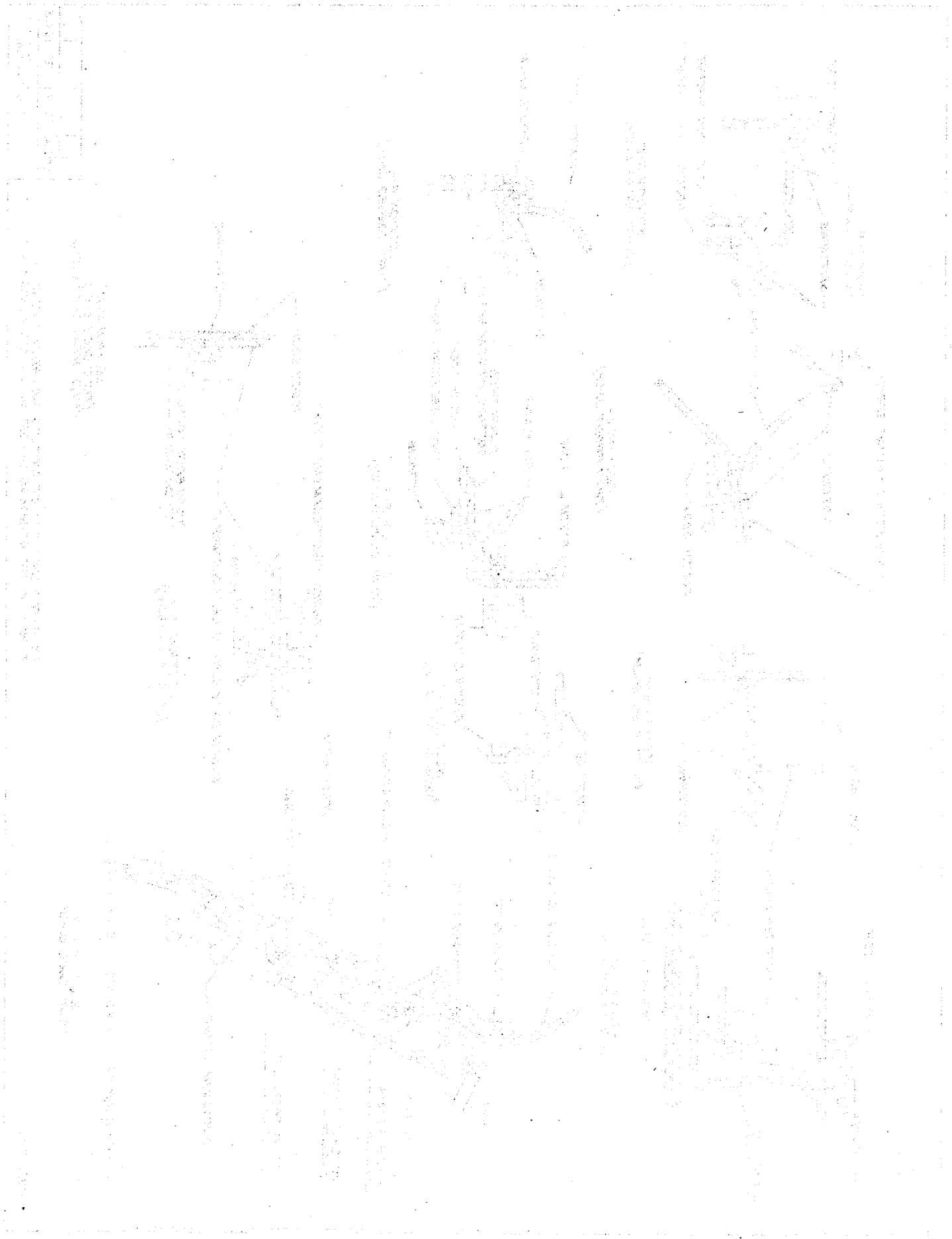
SECTION K-K
(THRU BACK ONLY,
WAIST STRAP NOT SHOWN)

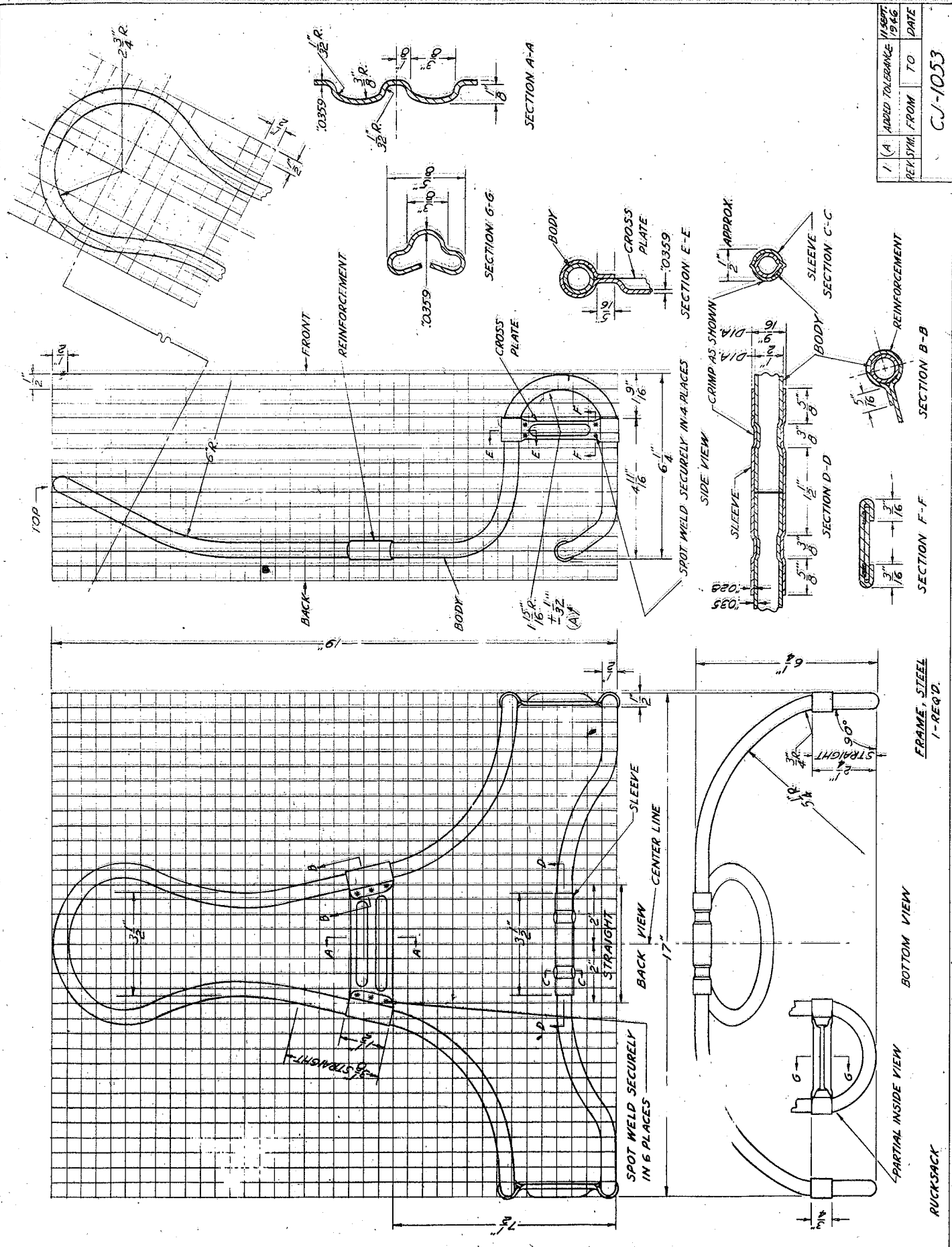
NOTE - FOR LOCATIONS OF SECTIONS A-A THRU F-F AND G-G THRU K-K SEE DRAWINGS CU-1050 AND CU-1051 RESPECTIVELY

RUCKSACK

REV	SYM	FROM	TO	DATE

CJ-1052





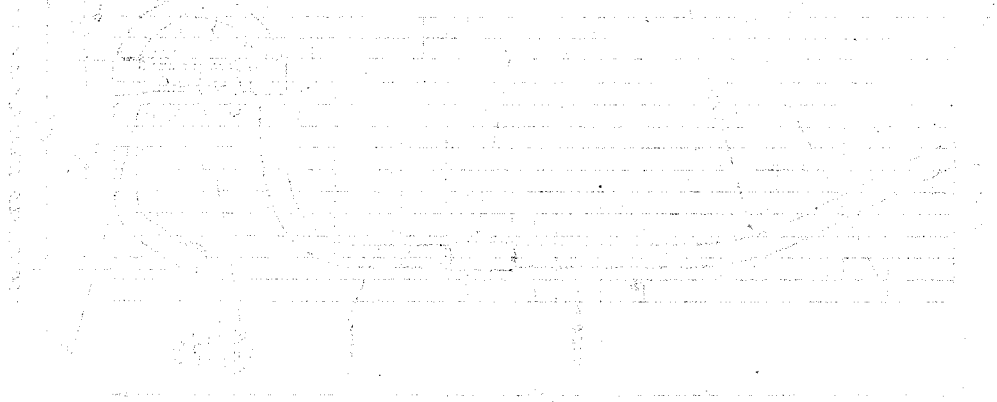
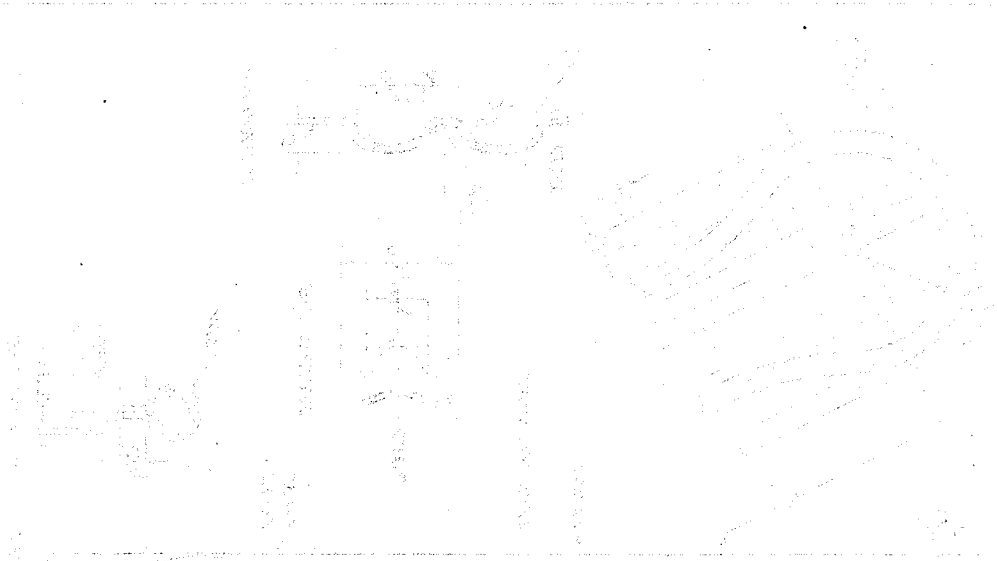
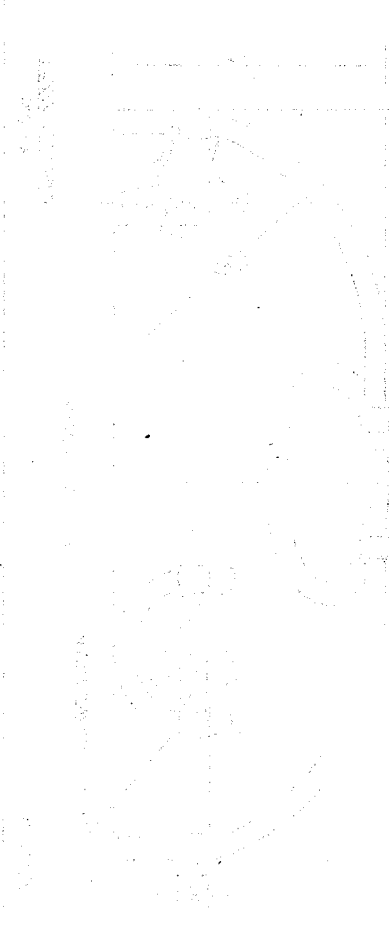
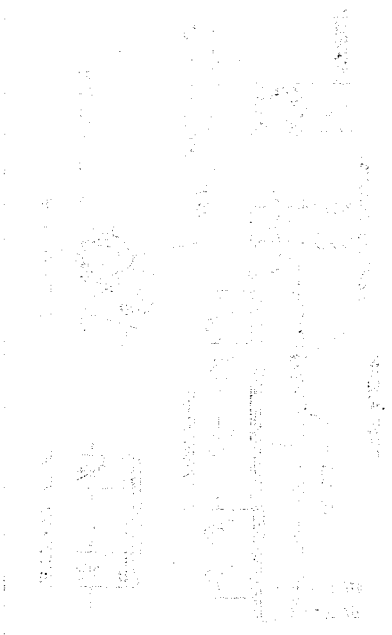
1	(A)	ADDED TOLERANCE	11/8007
		REV SYM FROM	12/66
		TO	DATE

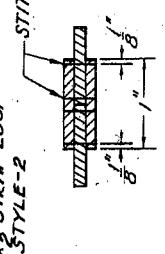
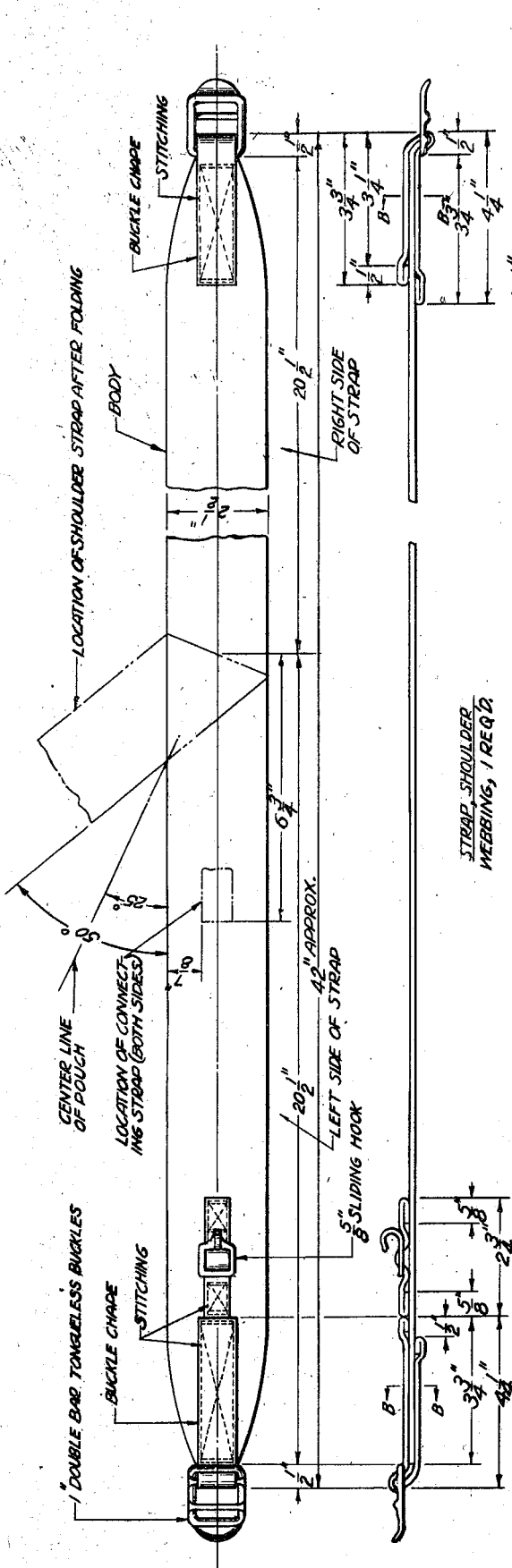
CJ-1053

FRAME, STEEL
1-REQD.

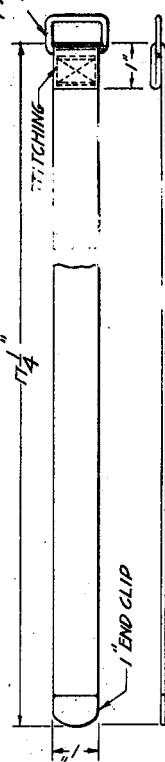
RUCKSACK

Handwritten notes in the top left corner, possibly including a date or page number.

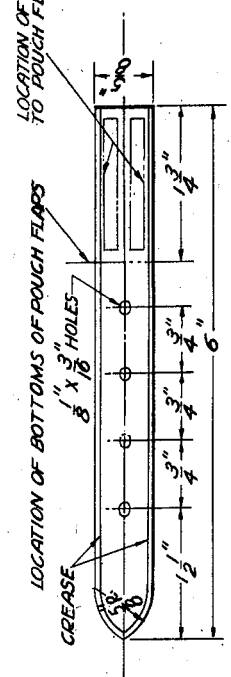
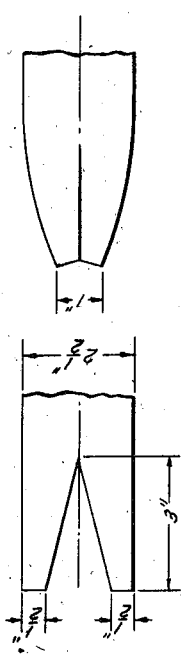




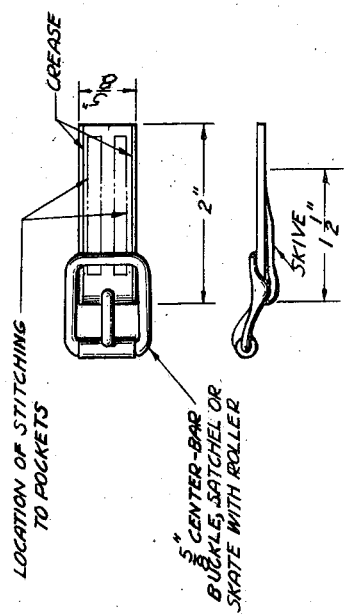
SECTION B-B
(IN 2 PLACES)



BILLET, STRAP, SHOULDER
WEBBING, 2 R. & D.



BILLET, FLAP, POKKET
LEATHER, 3 REQ'D.

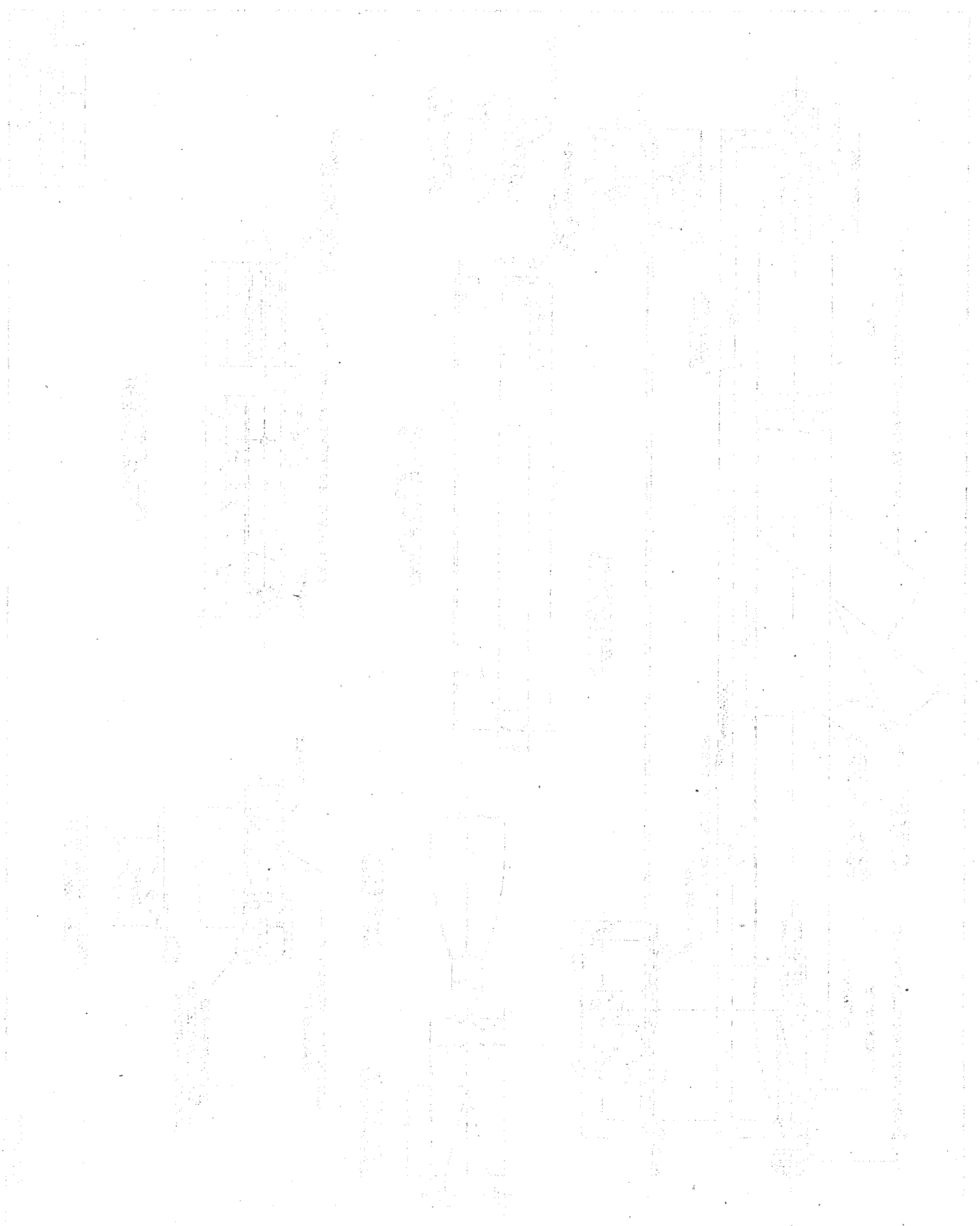


CHARGE, BUCKLE, POKKET
LEATHER, 3 REQ'D.

REVISION	FROM	TO	DATE

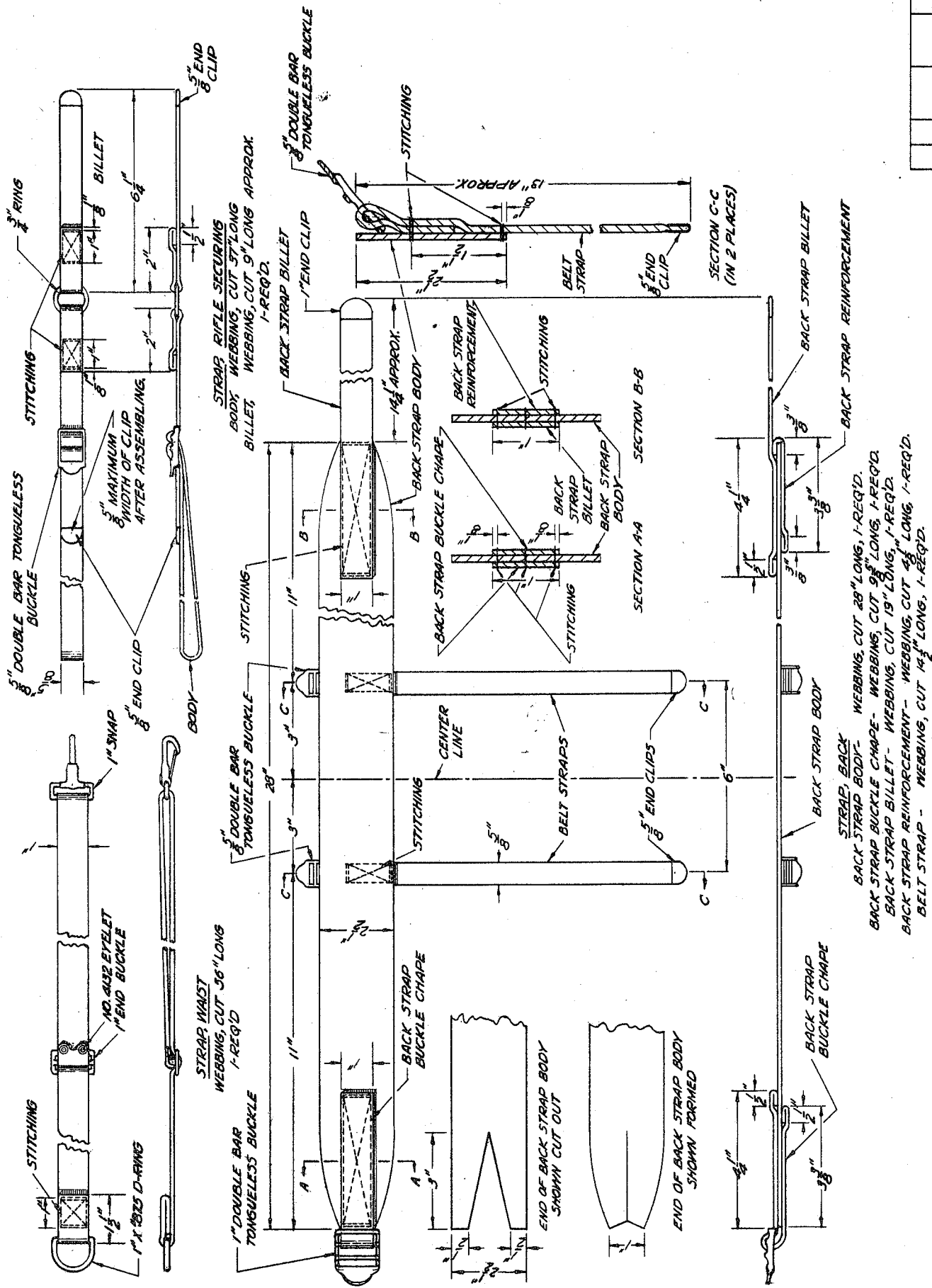
RUCKSACK

G-1054



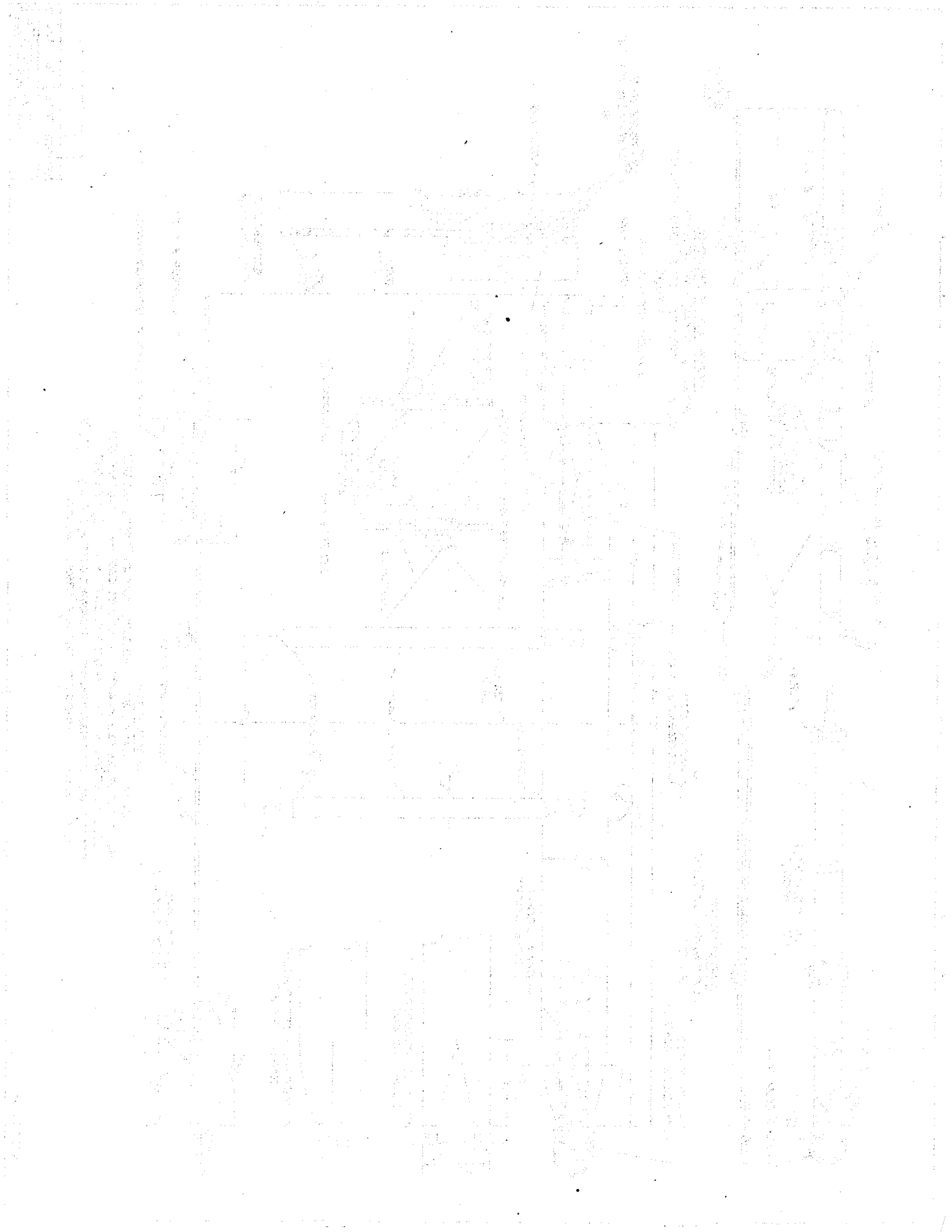
REVISION	FROM	TO	DATE
			1945

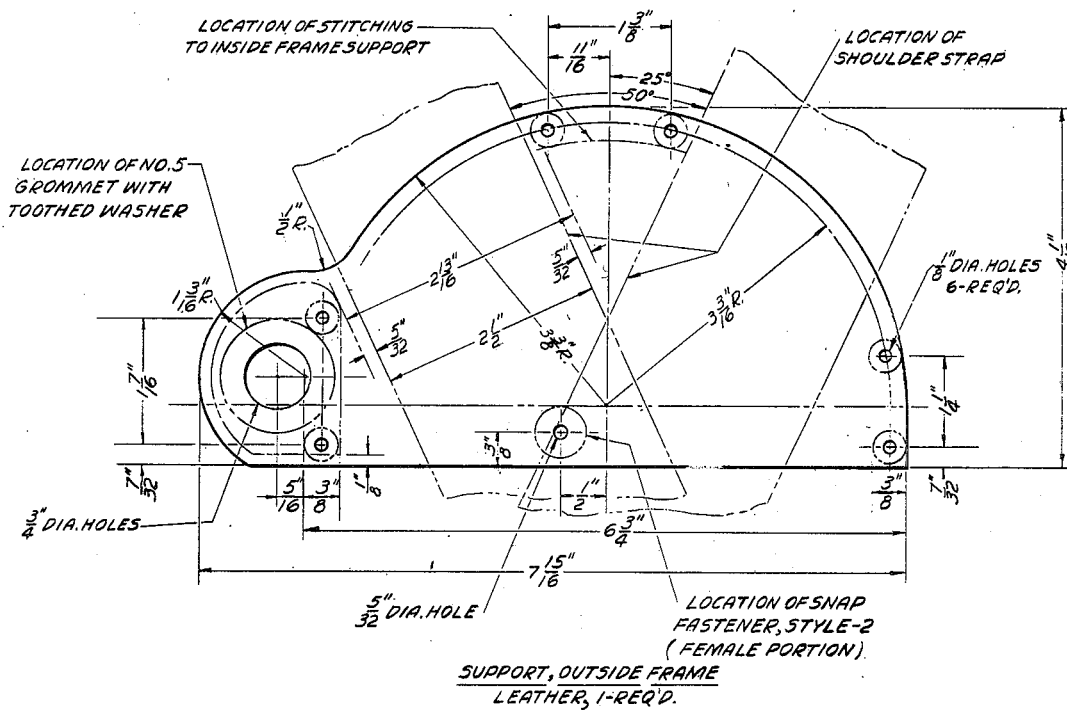
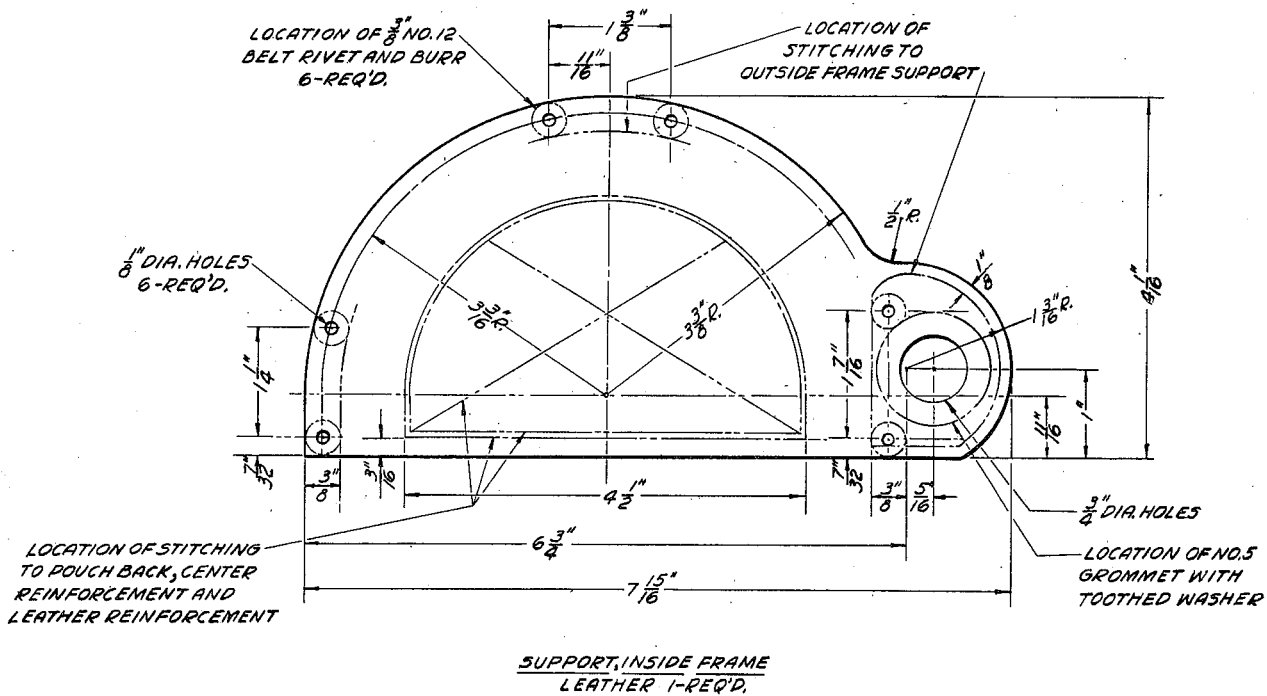
CW-1055



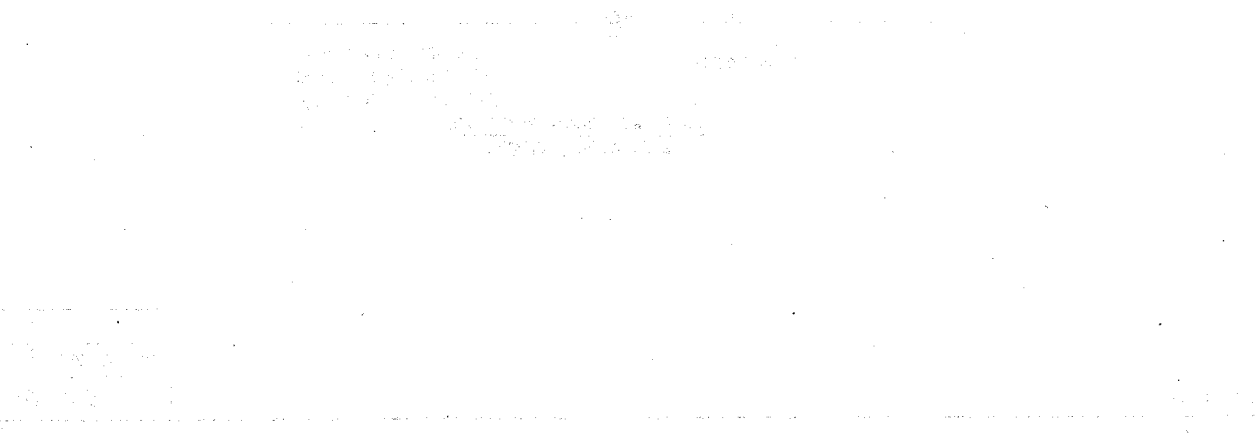
STRAP, BACK WEAVING, CUT 28" LONG, 1-REQ'D.
 BACK STRAP BODY- WEAVING, CUT 98" LONG, 1-REQ'D.
 BACK STRAP BILLET- WEAVING, CUT 19" LONG, 1-REQ'D.
 BACK STRAP REINFORCEMENT- WEAVING, CUT 48" LONG, 1-REQ'D.
 BELT STRAP - WEAVING, CUT 14 1/2" LONG, 1-REQ'D.

RUCKSACK

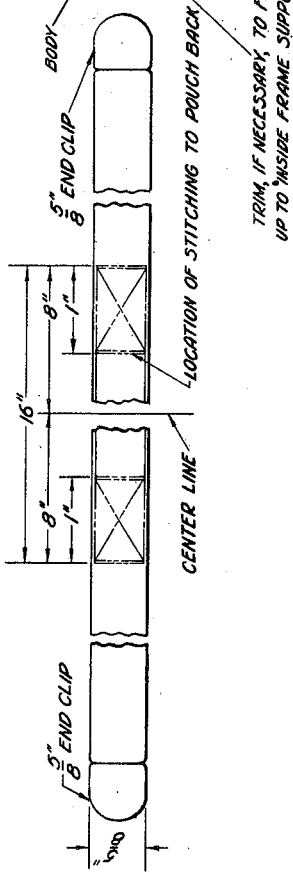
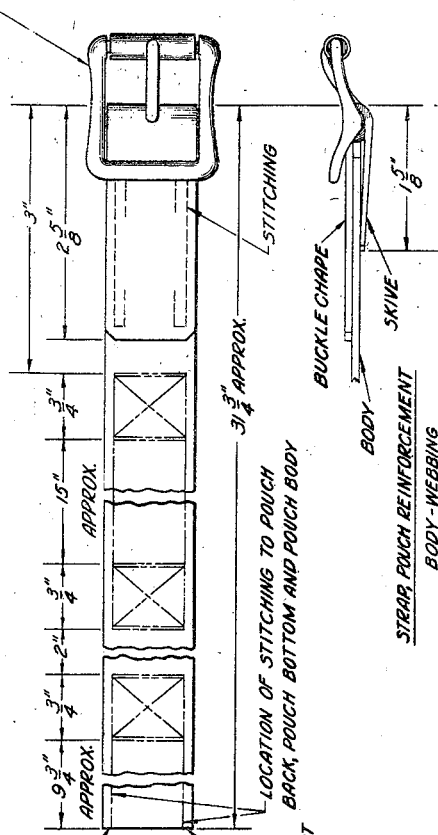




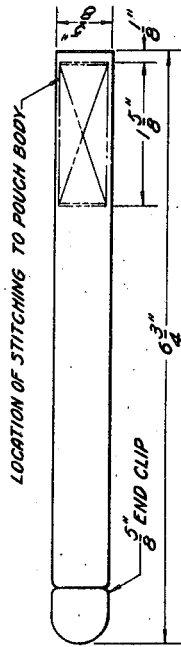
REV. SYM.	FROM	TO	DATE
CJ-1056			



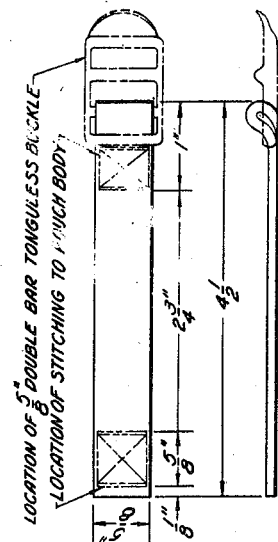
1" CENTER BAR BUCKLE
SATCHEL OR SKATE
WITH ROLLER



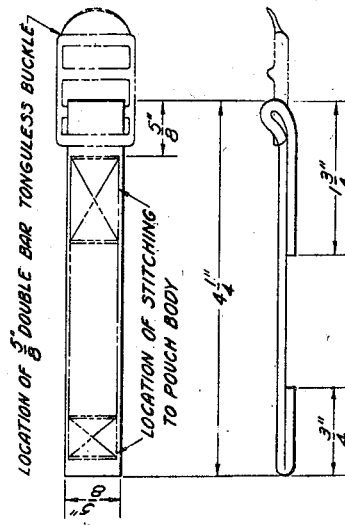
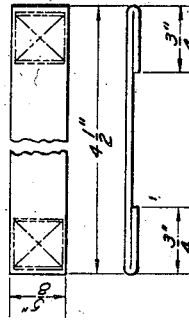
STRAP, FRAME SECURING
WEBBING
CUT 36" LONG
1-REQ'D



BILLET, LOOP AND BUCKLE CHAPE
WEBBING
1-REQ'D



CHAPE, LOOP AND BUCKLE
WEBBING
1-REQ'D



CHAPE, BUCKLE, FRAME SECURING STRAP
WEBBING
CUT 6 3/4" LONG APPROX.
2-REQ'D

REV	SYM	FROM	TO	DATE

CJ-1057

L.B.C. 8-2-43

RUCKSACK

SPEC. J.G.D. NR.88

1948

1948

1948

1948

1948

1948

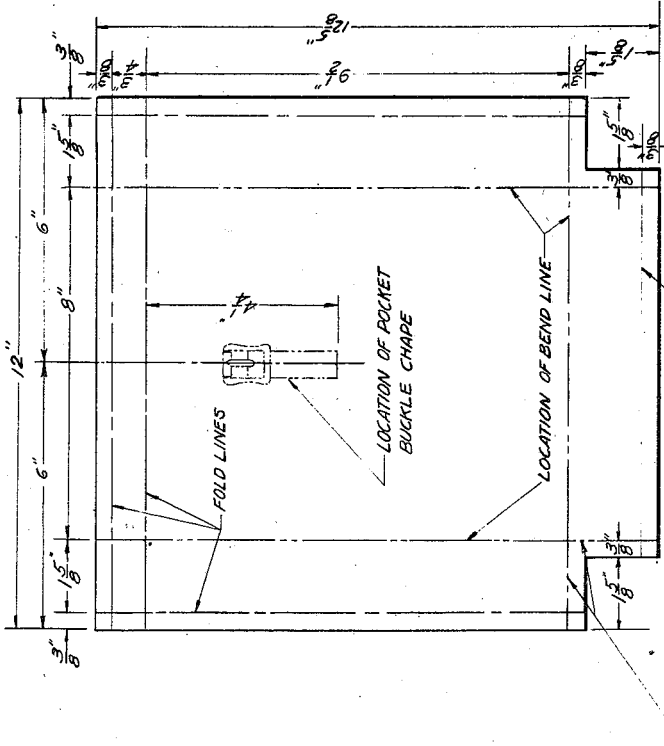
1948

1948

1948

1948

1948

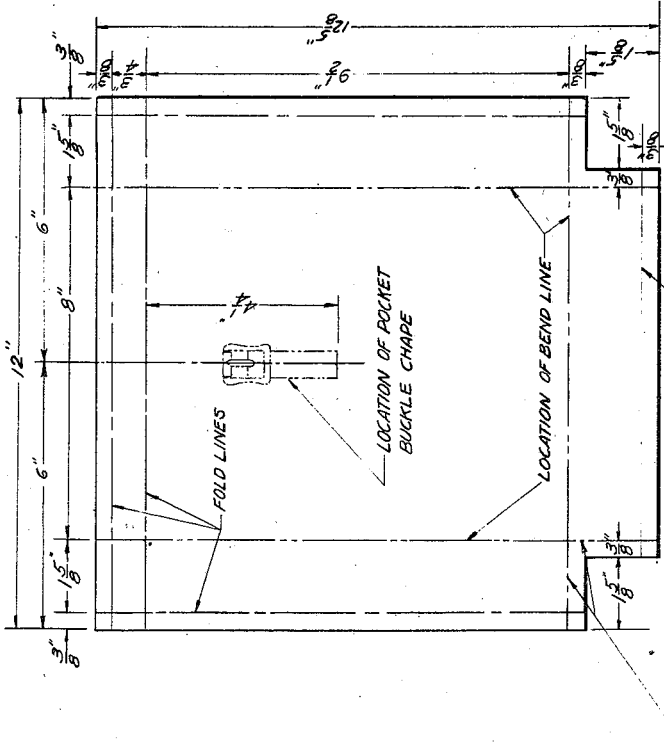


FOLD LINE
BODY, MEAT CAN POCKET
COTTON DUCK, 1-REQ'D.

LOCATION OF
STITCHING

LOCATION OF POCKET
BUCKLE CHAPE

LOCATION OF BEND LINE



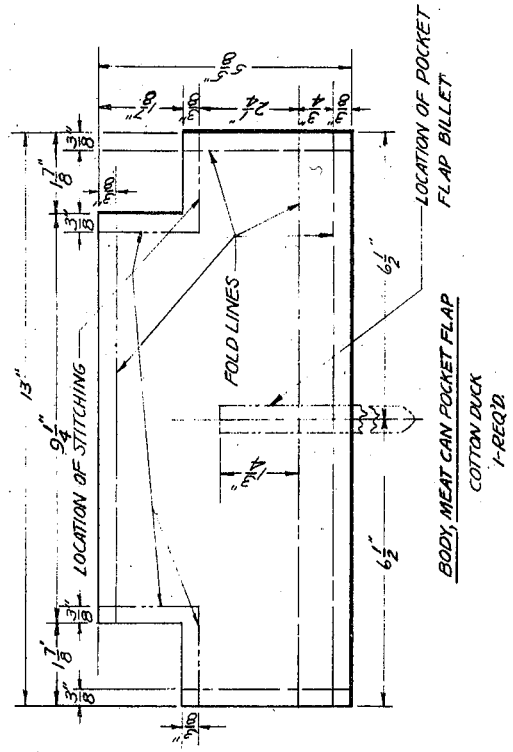
FOLD LINE
BODY, MEAT CAN POCKET
COTTON DUCK, 1-REQ'D.

LOCATION OF
STITCHING

POCKET BUCKLE
CHAPE

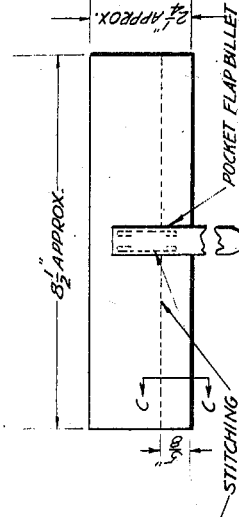
MEAT CAN
POCKET BODY

MEAT CAN POCKET ASSEMBLY



BODY, MEAT CAN POCKET FLAP
COTTON DUCK
1-REQ'D

LOCATION OF POCKET
FLAP BILLET



STITCHING

POCKET FLAP BILLET

MEAT CAN POCKET FLAP ASSEMBLY

STITCHING

MEAT CAN POCKET FLAP ASSEMBLY

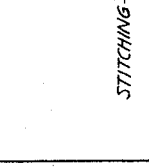
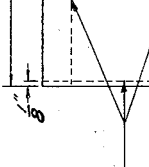
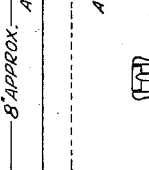
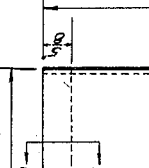
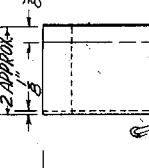
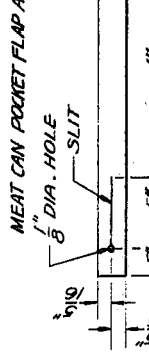
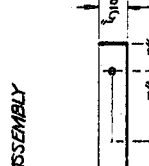
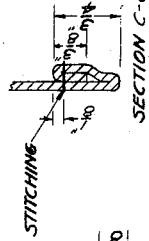
STITCHING

MEAT CAN POCKET FLAP ASSEMBLY

STITCHING

MEAT CAN POCKET FLAP ASSEMBLY

STITCHING

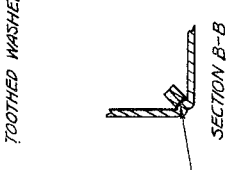
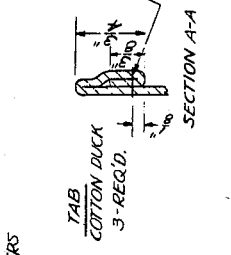
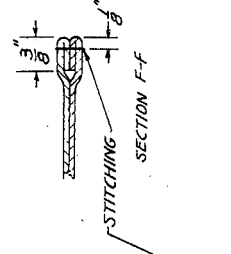
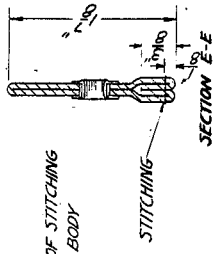
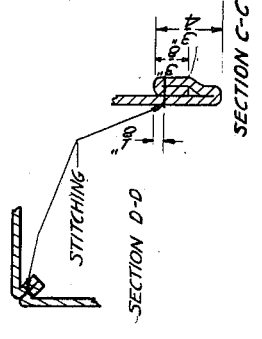
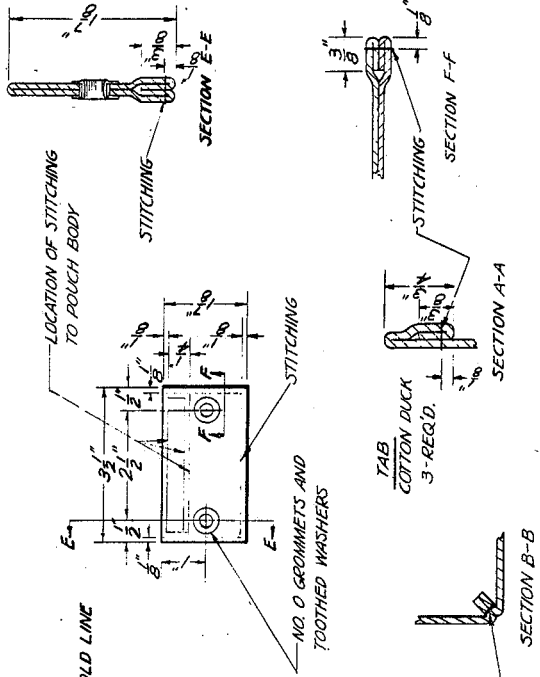
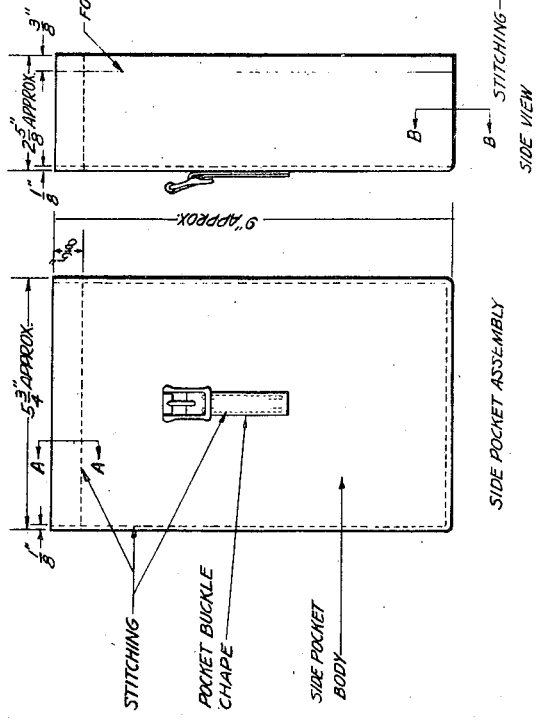
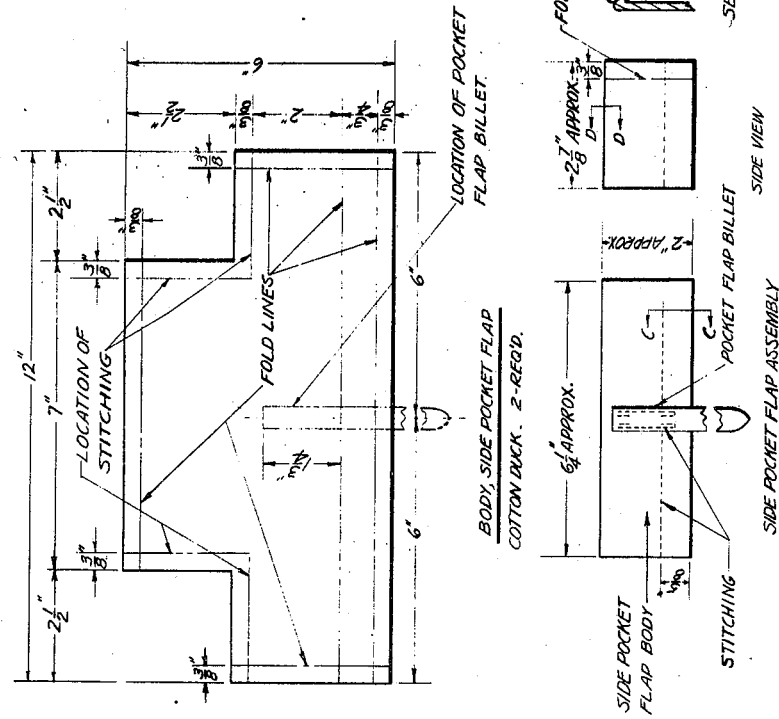
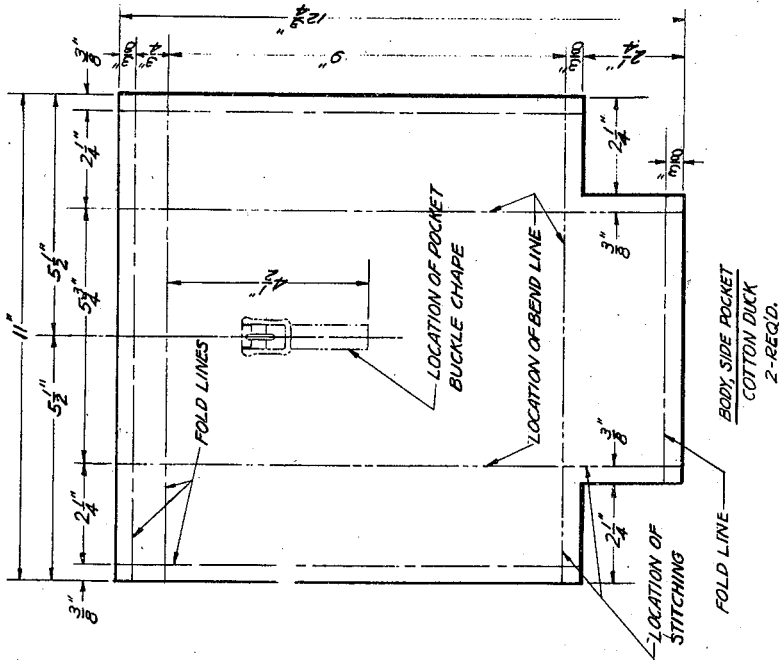


THONG, LOCK-SNAP
LACE, LEATHER
1-REQ'D

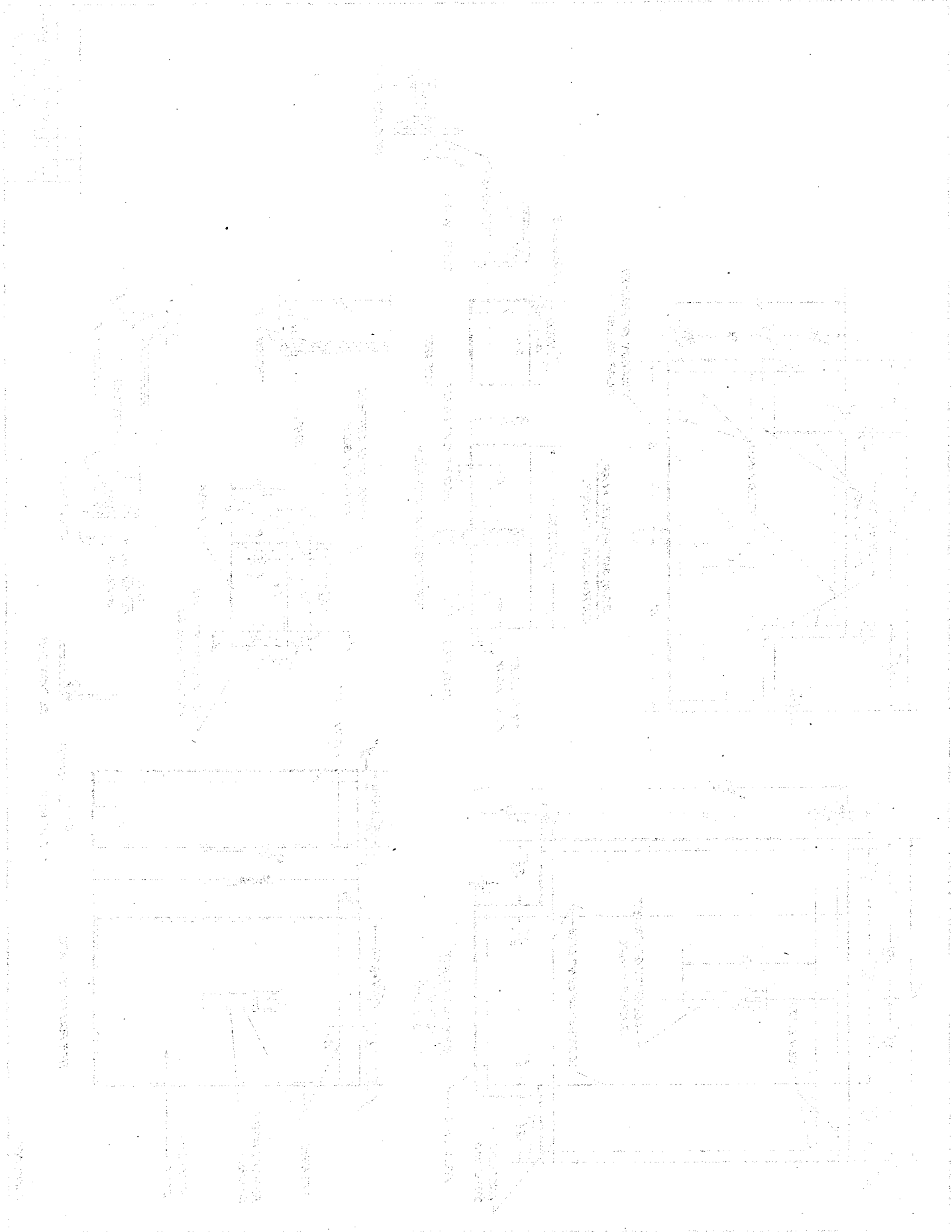
REV	SIM	FROM	TO	DATE

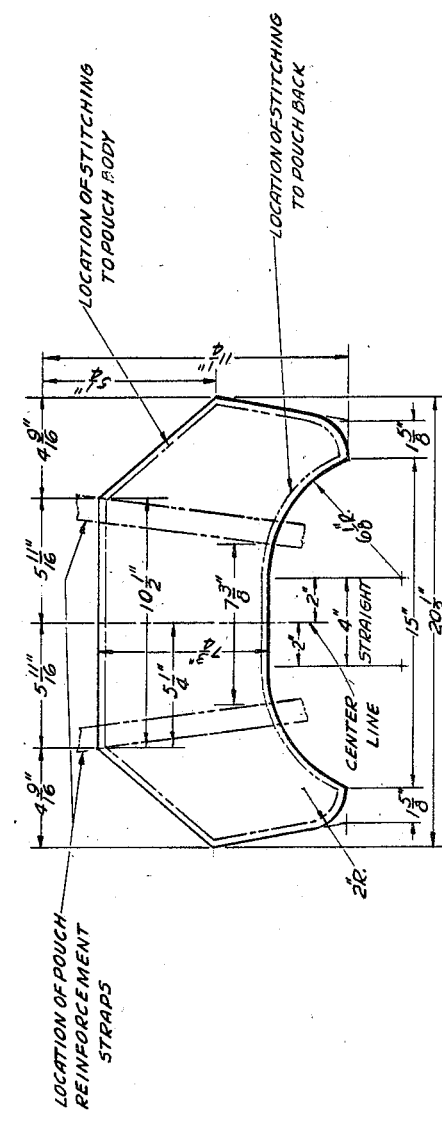
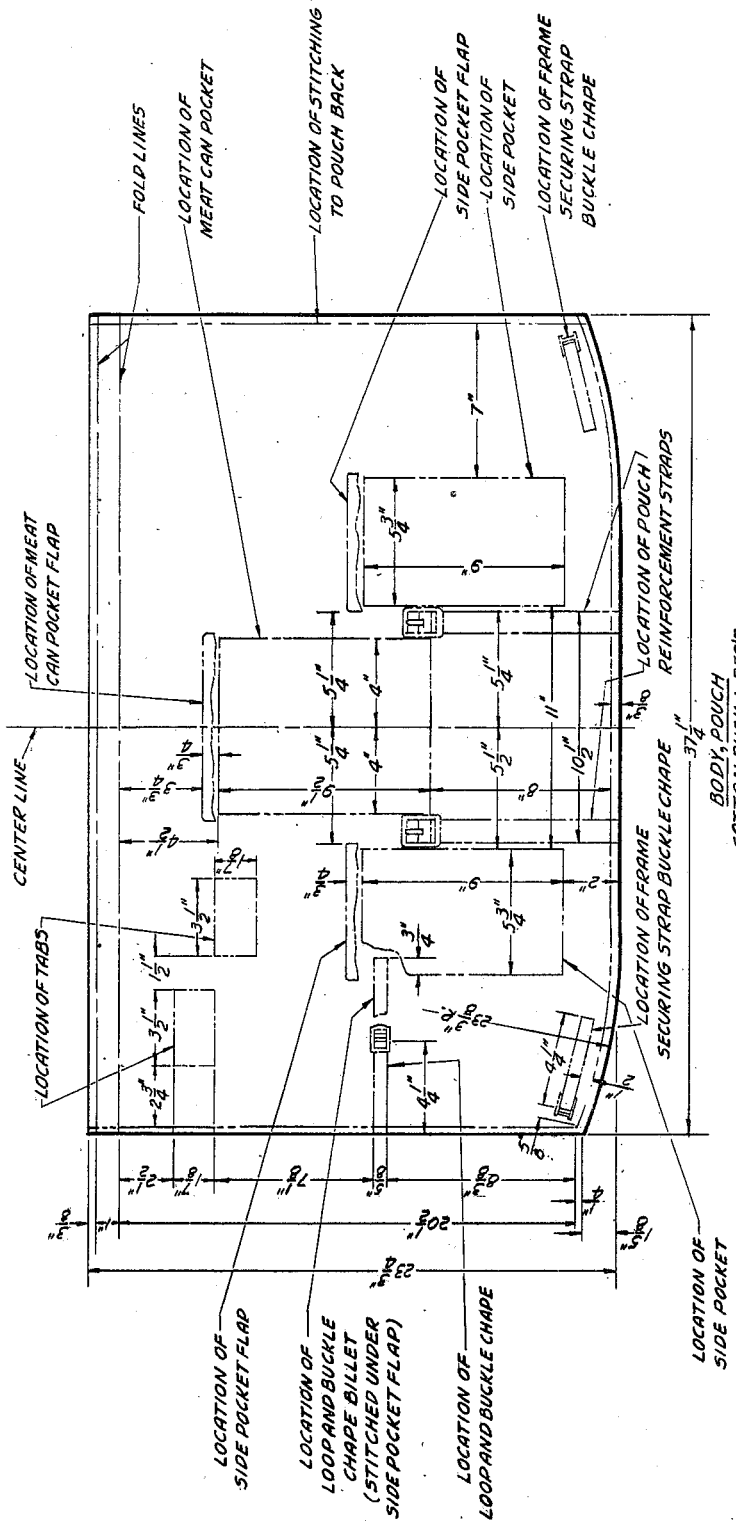
CJ-1058

RUCKSACK



REV	SYM	FROM	TO	DATE
CJ-1059				



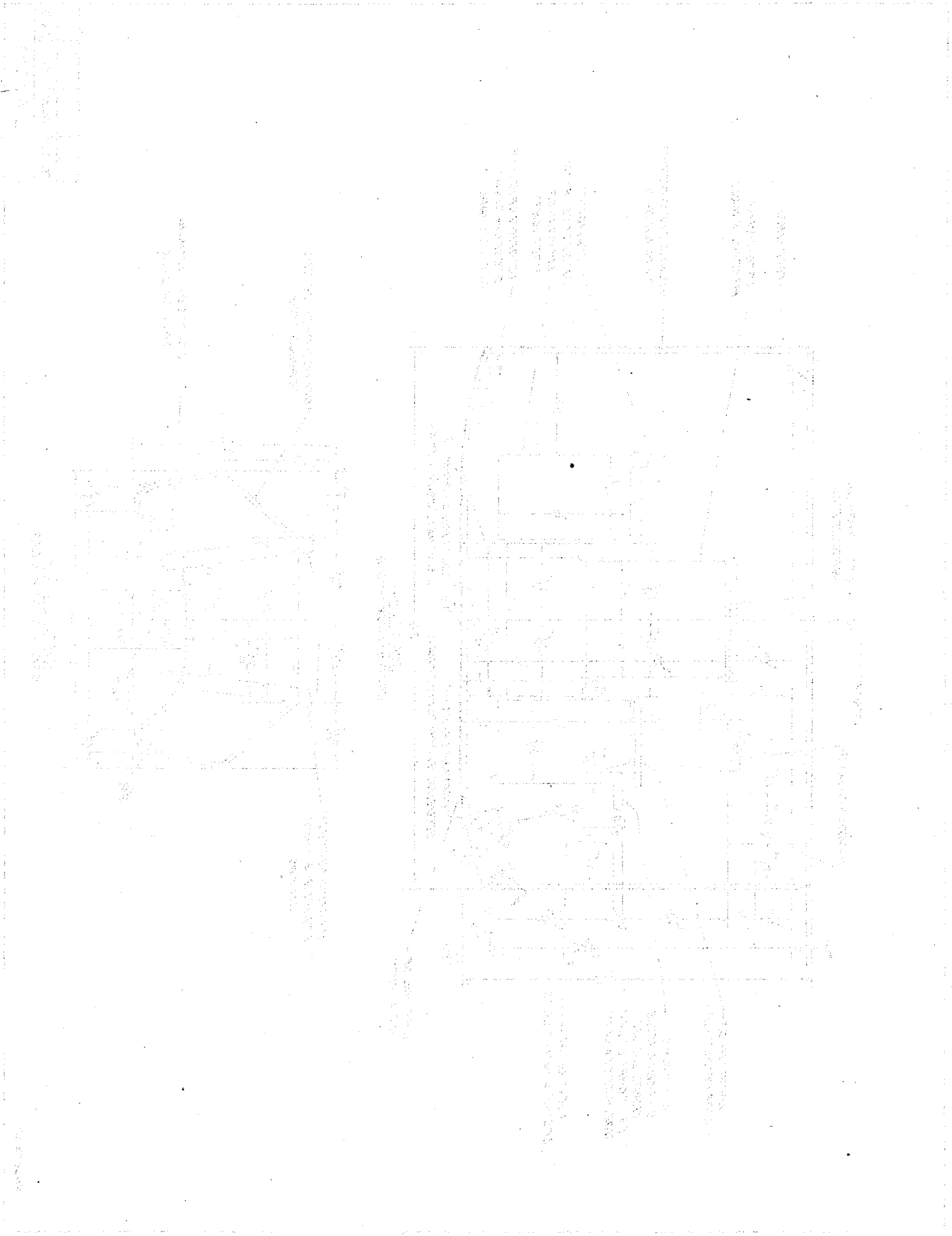


BOTTOM, POUCH
COTTON DUCK 2-REQ'D

REV	SYM	FROM	TO	DATE

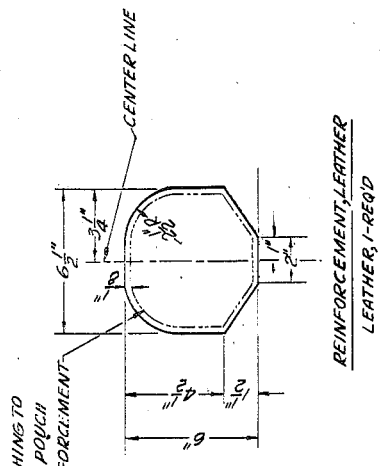
CJ-1060

RUCKSACK

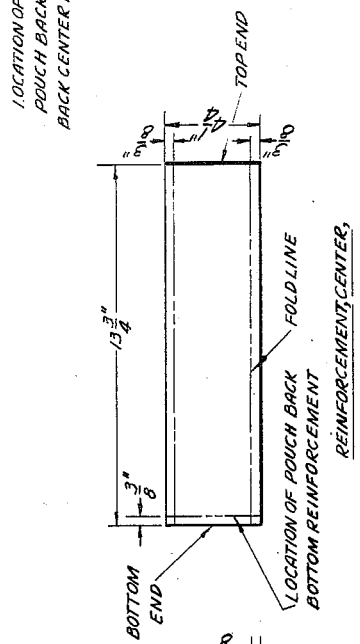


REV	SYM	FROM	TO	DATE

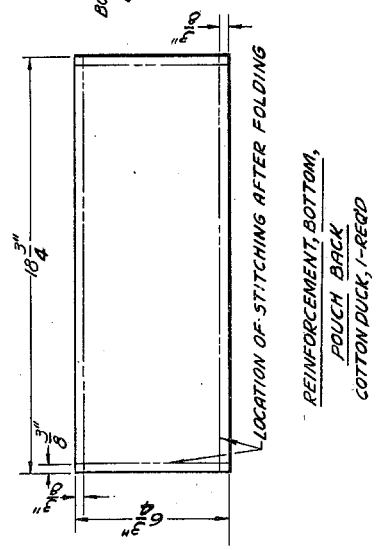
CJ-1061



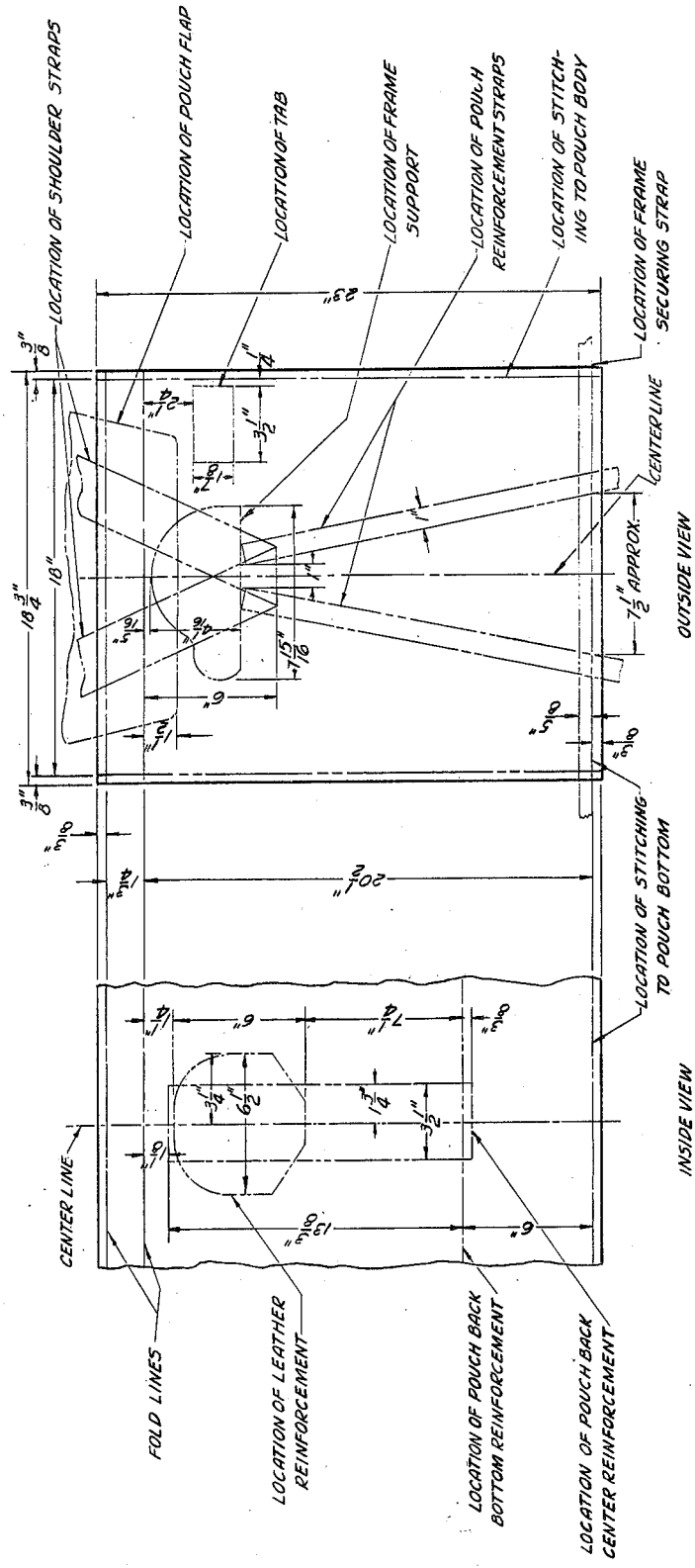
REINFORCEMENT, LEATHER
LEATHER, 1-REQD



REINFORCEMENT, CENTER,
POUCH BACK
COTTON DUCK, 1-REQD



REINFORCEMENT, BOTTOM,
POUCH BACK
COTTON DUCK, 1-REQD

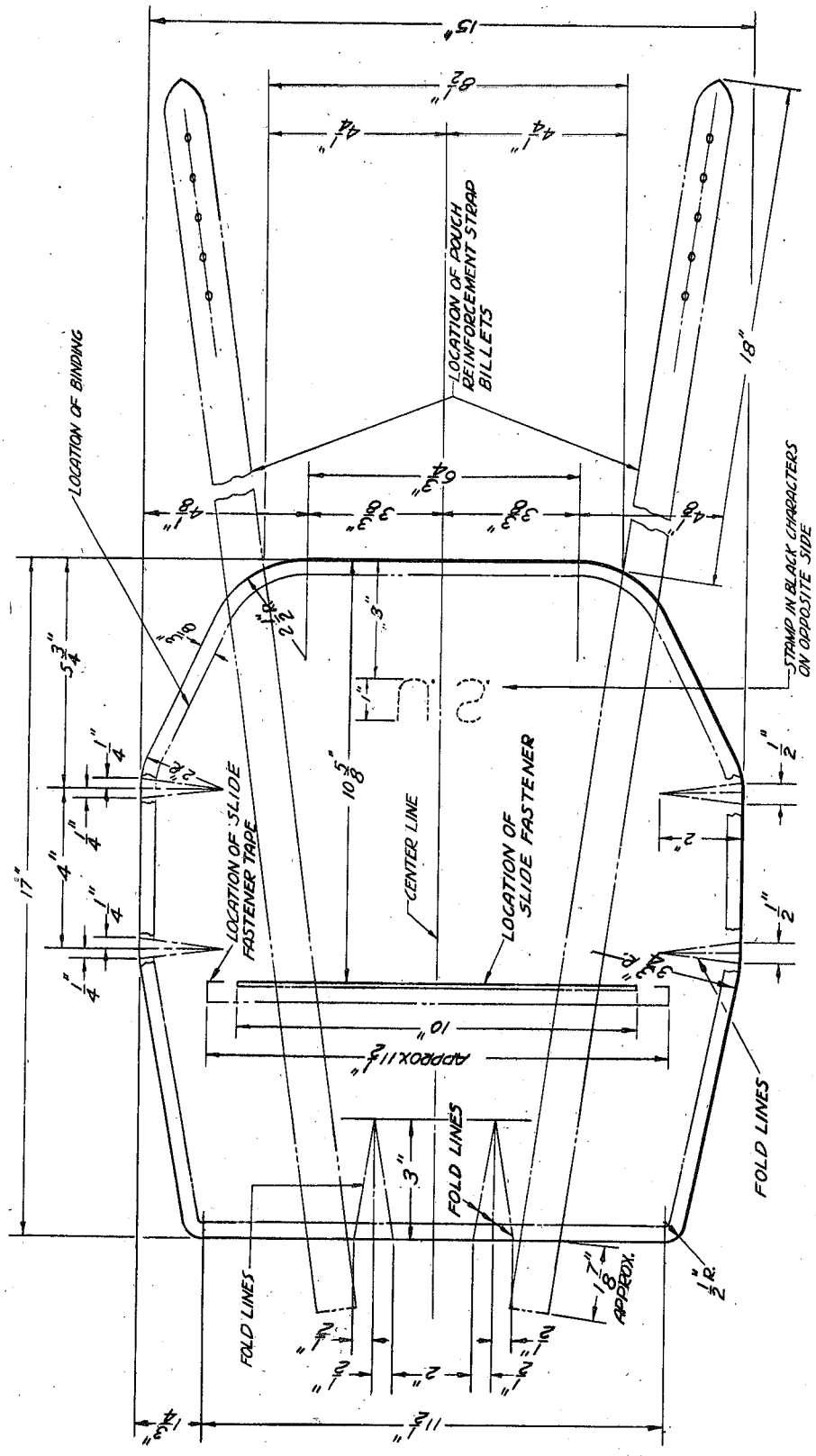


BACKS, POUCH
COTTON DUCK, 1-REQD

RUCKSACK

REVISED FROM	TO	DATE

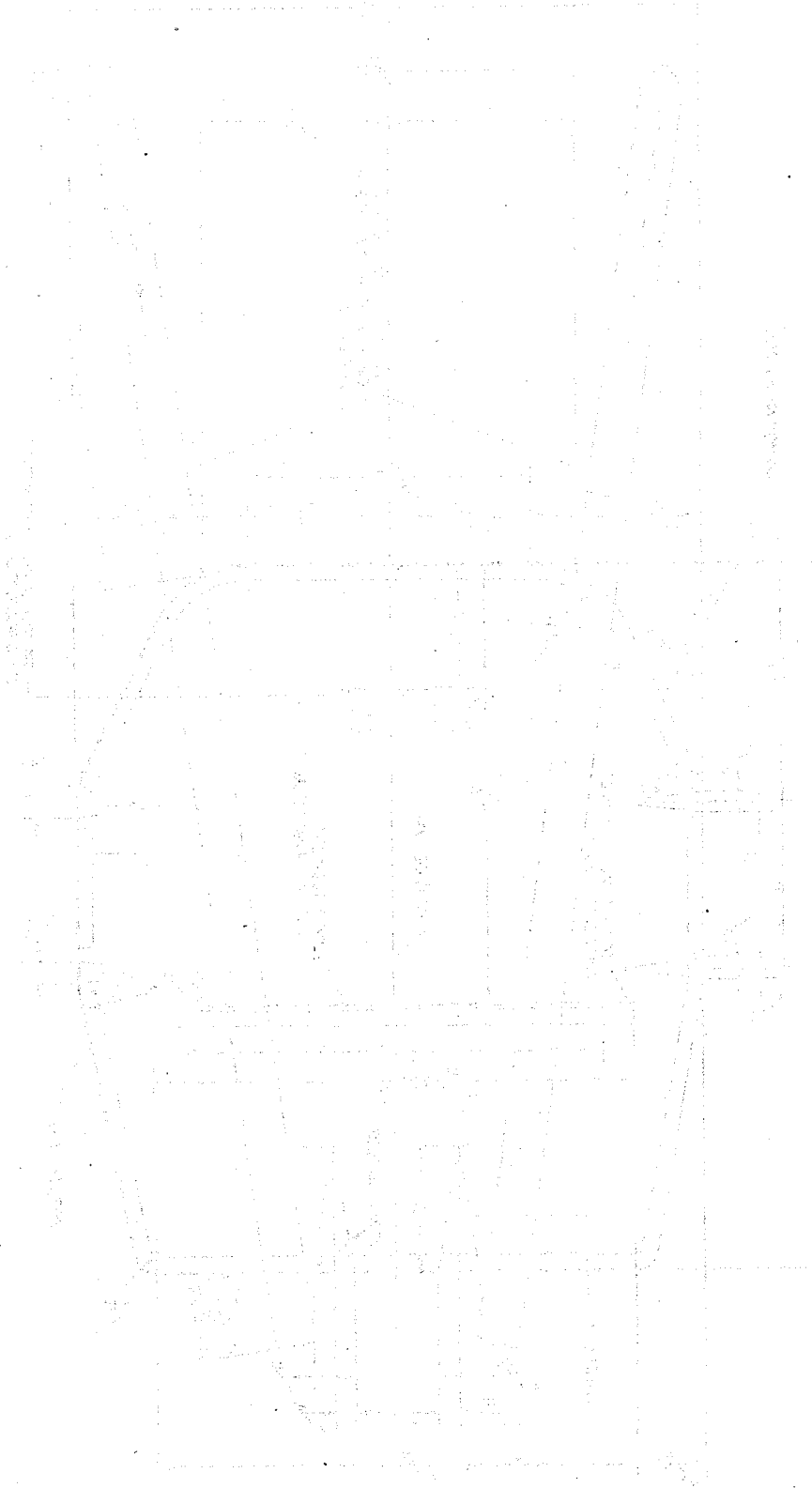
CJ-1062



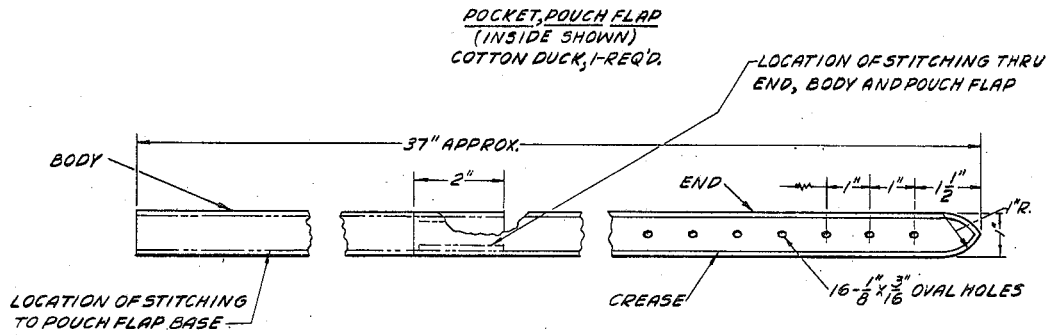
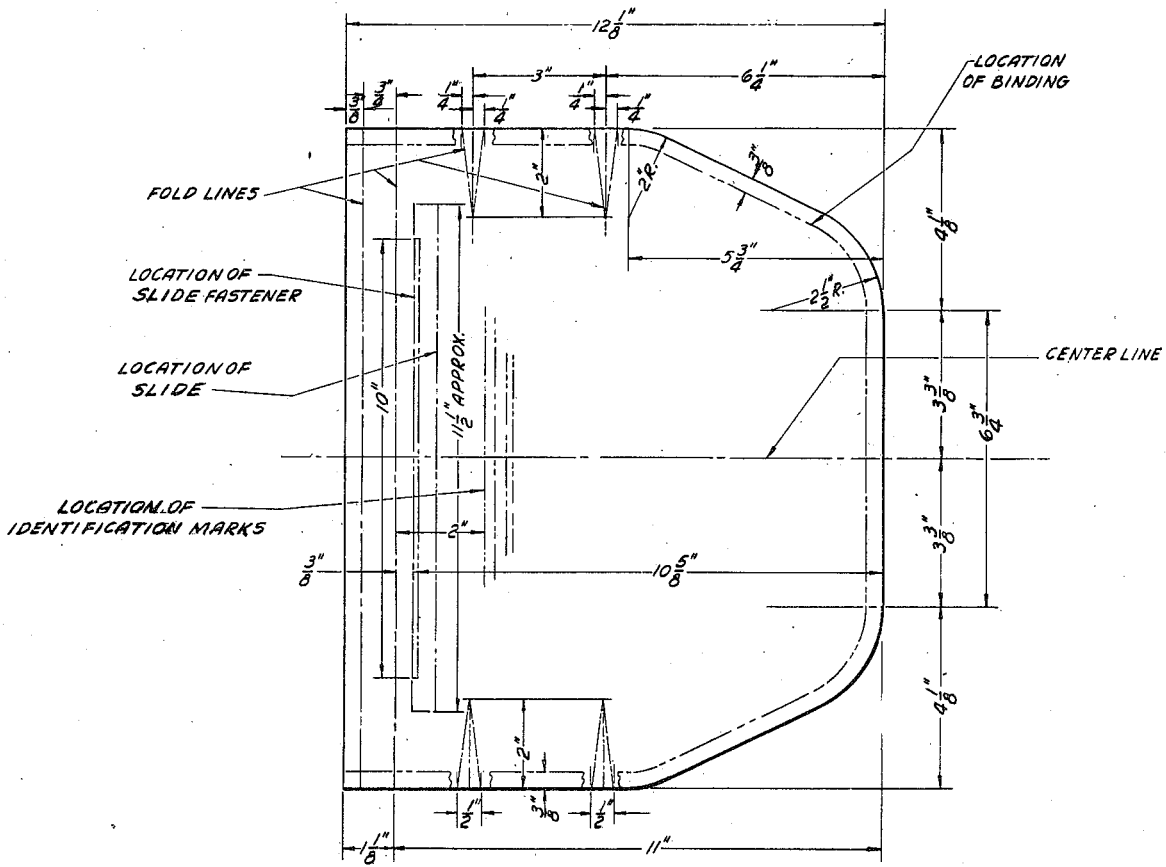
BASE FLAP POUCH (INSIDE SHOWN)
COTTON DUCK

RUCKSACK

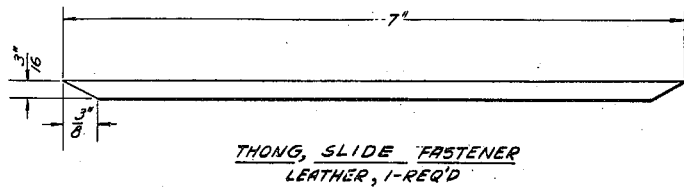
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100
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100



1000000



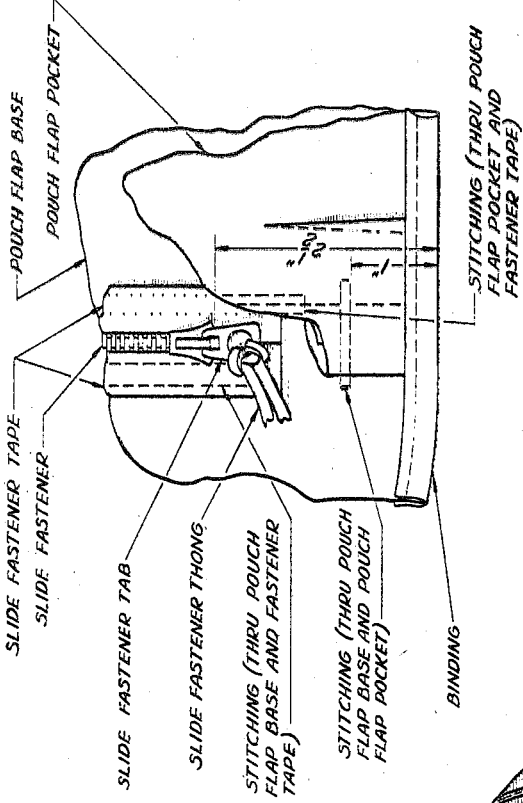
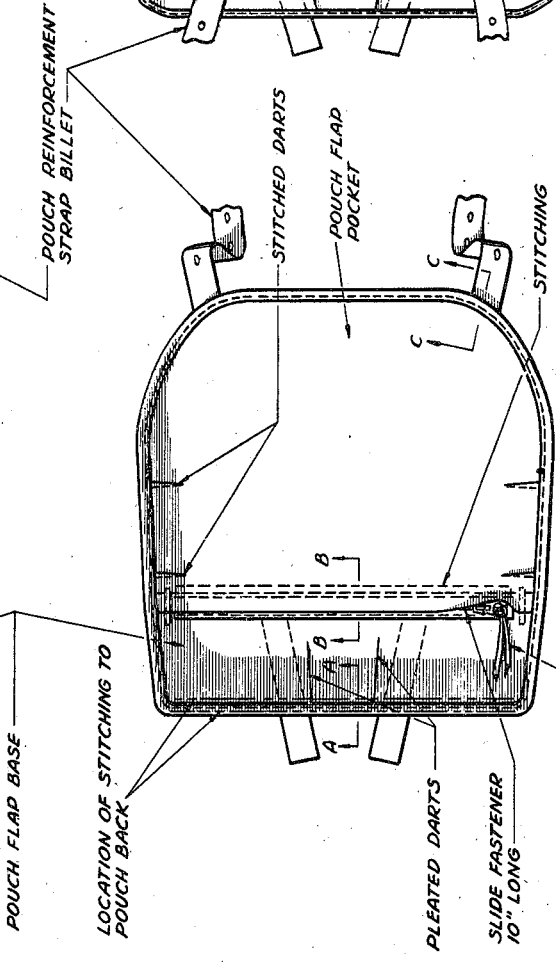
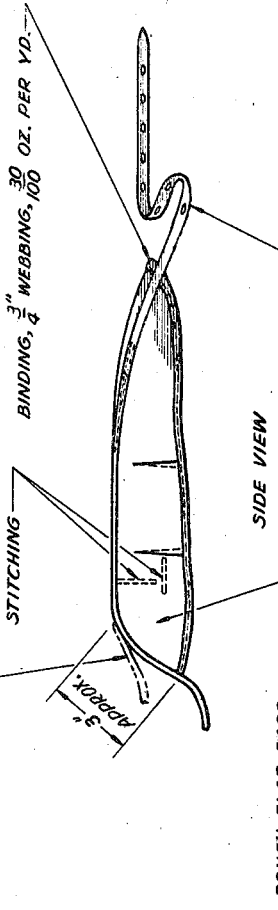
BILLET, POUCH REINFORCEMENT STRAP
 BODY - WEBBING
 END - LEATHER
 2-REQ'D



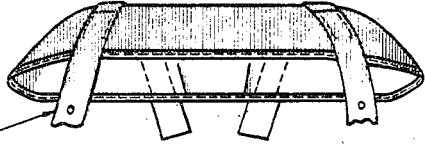
THONG, SLIDE FASTENER
 LEATHER, 1-REQ'D

REV.	SYM.	FROM	TO	DATE
CJ-1063				

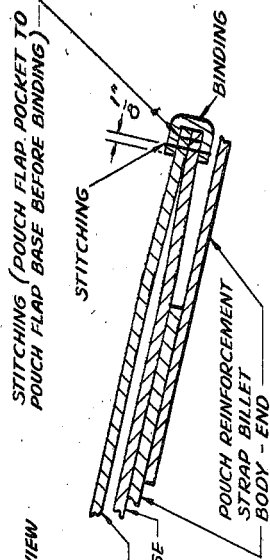
LOCATION OF CONNECTING STRAPS
(SEWED ON AFTER FLAP AND SHOULDER
STRAPS ARE ASSEMBLED TO POUCH)



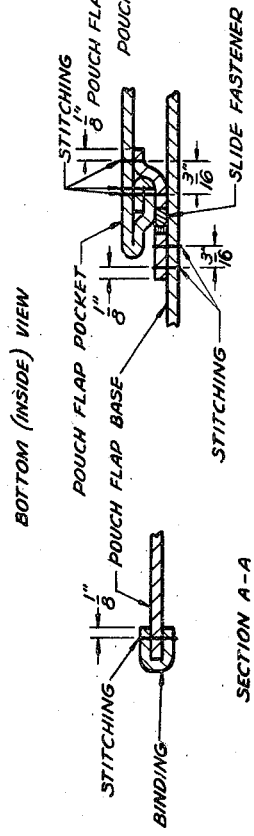
VIEW SHOWING DETAILS
OF POCKET AT CORNER



END VIEW

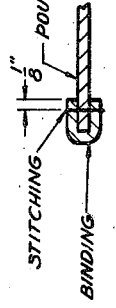


SECTION C-C



SECTION B-B

POUCH FLAP ASSEMBLY

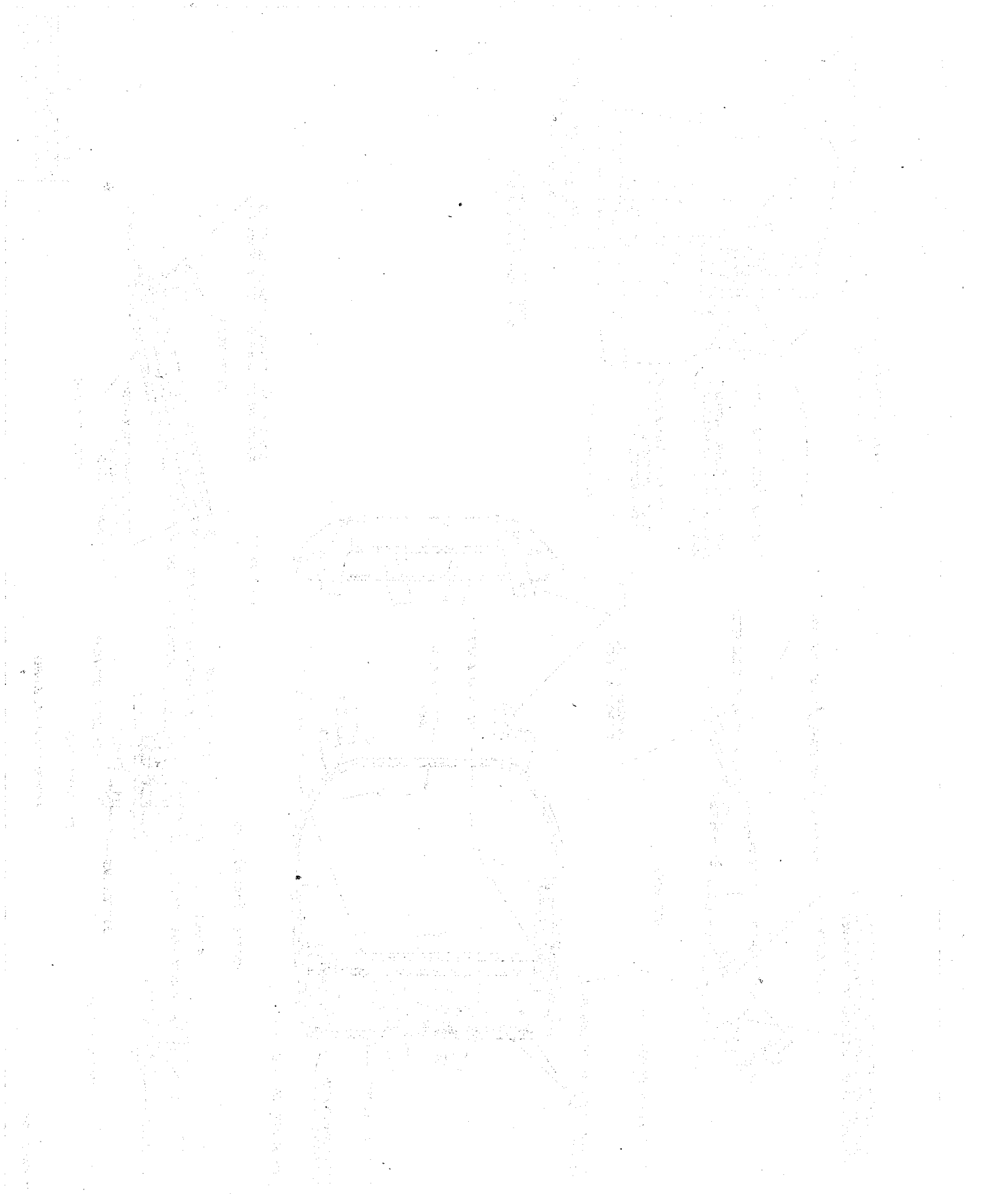


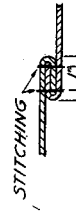
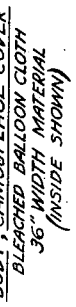
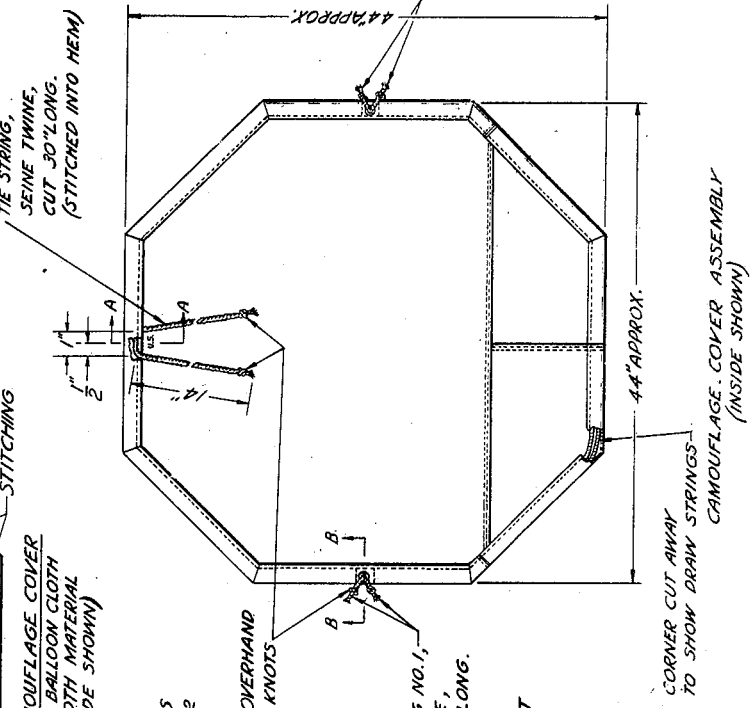
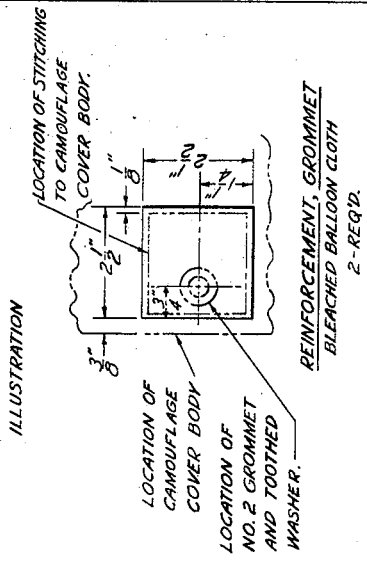
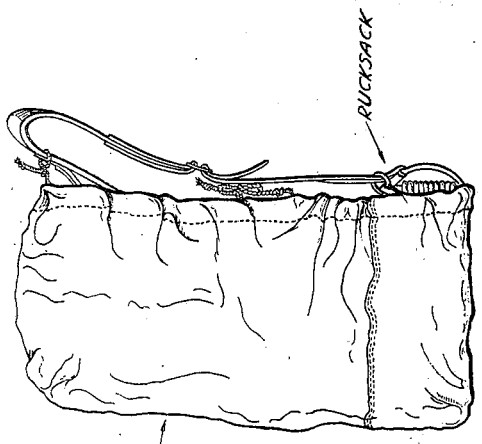
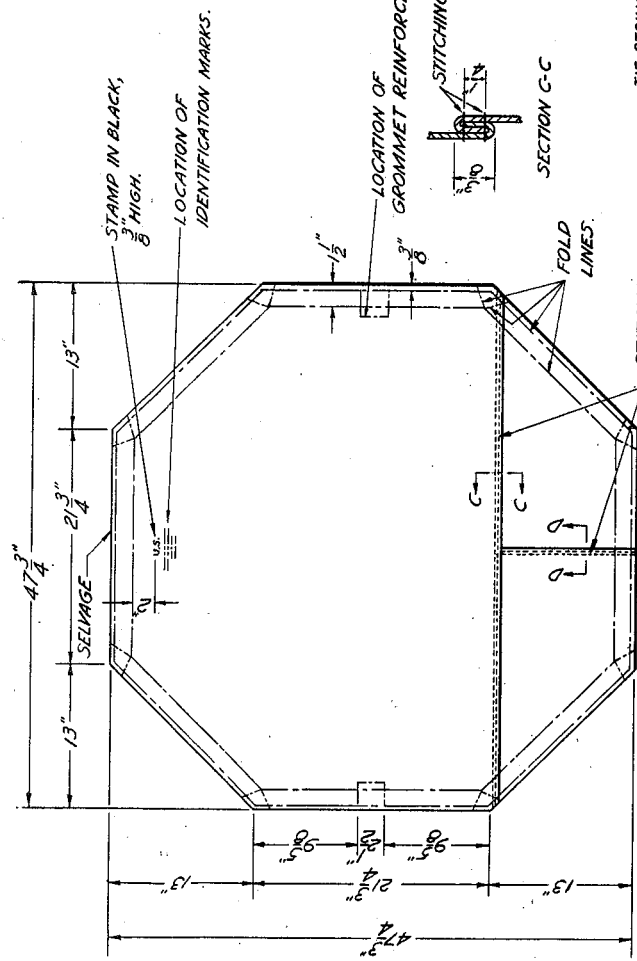
SECTION A-A

RUCKSACK

REV.	SYM.	FROM	TO	DATE

CJ-1064





RUCKSACK

REF. SYM.	FROM	TO	DATE

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