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पु.म.नि. (सं.)
डी. सं. दि.
IGP (Prov.)
Dy. No. (320) Date: 14/2/14

DC/SDC/ADG
SPS Dy No. 136 (m)
Date 344 14/2/14
No. U-198 (Spec) / 2013-14 Prov. I

SL: 40

Bharat Sarkar/Government of India
Grihas Mantralaya/Ministry of Home Affairs
PM Division/Prov.II

26, Man Singh Road, Jaisalmer House,
New Delhi. Dated: 14 February 2014

To

DsG : AR (through LOAR), BSF, CISF, CRPF, ITBP, SSB, NSG & BPR&D.

Subject :- QRs/specification of various CTS items.

The QRs in respect of following items (as per annexure) have been accepted by the competent authority in MHA subject to condition that no deviation will be made from the proposed QRs and Trial Directives without the permission of MHA:-

1. Synthetic Web Equipment- Improved Versions (p. 7-39/c)

- a) Pack with aluminum frame.
- b) Haversack
- c) Pouches ammunition
- d) Frog Bayonet
- e) Belt waist

2. Sling assembly Rifle 5.56mm (p. 40-44/c)

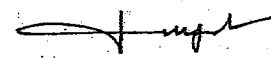
3. Rifle Sling (Nylon) AK-47 (p. 45-55/c)

4. Carbine Sling (Nylon).

2. Henceforth, all the CAPFs should procure the above items by them strictly as per the laid down Technical Specifications/QRs subject.

Encl: A/a

Yours Faithfully,



S.K. Jain

Director (Prov)

Tele/Fax: 2338 6191

Copy forwarded for necessary action to:-

The Section Officer (IT), MHA: it is requested to host the QRs (soft copy attached) on the MHA website (under the page of Organisational set up- Police Modernisation Division- QRs under CTS items)

(R.K. Soni)

Section Officer (Prov.I)

Copy to :- Director (Procurement)/MHA

on file

14/02/14

DIG Prov

Imp (Ct) - convey to all formations

17/2

QRs of Syn/WRE Equip - Immediate
SCW - 1 to 10

BOARD PROCEEDINGS

Proceedings of : Sub group of CAPFs
 Constituted vide : GOI/ MHA OM No. IV-24011/12/2011-Prov-I dated 13/06/2012
 Assembled at : Directorate General CRPF, Block No. 01, CGO Complex Lodhi Road, New Delhi
 Assembled on : 22/08/2013
 Purpose : To finalise QR/ Specification of Web Equipments.

COMPOSITION OF BOARD

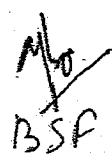
Chairman	Shri Dilip Trivedi, IPS, DG CRPF
Member	Shri Pankaj Kumar Singh, IPS, IG(Prov) CRPF
Member	Shri Parveen Kumar, DIG(Prov) CRPF
Member	Shri S. Chatterjee, SSU(U&A), BPR&D
Member	Shri T.D.Deashta, A/C(O), ITBP
Member	Shri Patras Lakra, S.O.(Prov), CISF
Member	Shri N.S.Sodha, Dy.Comdt. BSF
Member	Shri C. Keishing, A.D.(Prov) SSB
Member	Shri <u>Rahul Yadav, etc.,</u> , NSG
Member	Shri S.K. Thakur, D/C, Assam Rifle

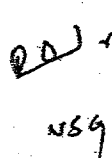
In the light of GOI/ MHA OM No. IV-24011/12/2011-Prov-I dated 13/06/2012, the sub group of CAPFs under the Chairmanship of DG, CRPF have assembled at Directorate General, CRPF, Block No. 01, CGO Complex Lodhi Road, New Delhi for finalization of QRs/Specification of following Web Equipment.

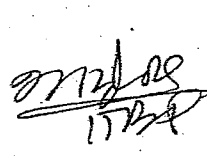
1. Synthetic Web Equipment-Improved version:-
 - i) Pack with aluminum frame
 - ii) Haversack
 - iii) Pouches Ammunition
 - iv) Frog Bayonet
 - v) Belt Waist
2. Sling assembly of Rifle 5.56 mm -Appendix.-'B'
3. Rifle Sling (Nylon) AK-47 -Appendix.-'C'
4. Carbine Sling (Nylon) -Appendix.-'D'

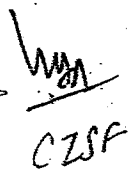
Appendix-'A'


 CRPF

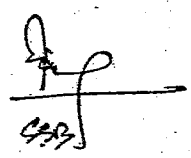

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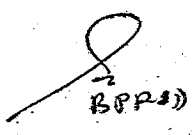

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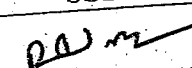
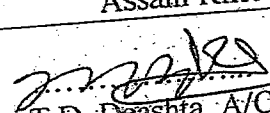
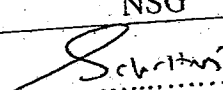
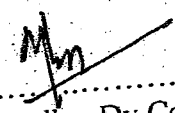
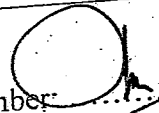
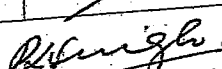
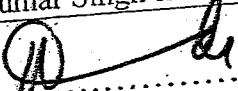

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Existing QR/Specifications of above items formulated by MoD were uploaded on CRPF website from 13/06/2013 to 03/07/2013 for expression of interest from the industry/trade. No suggestion/recommendation received from the industry which shows that firms/industry has no objection to above QRs/Specification. Besides these QRs are already been followed by MoD.

The members of sub-group have deliberated upon the technical parameters of the QRs and held detailed discussion on each and every point/parameter. After detailed discussion the sub group came to the conclusion that above QRs (Appendix-A to D) are fit in all respects and accepted them in Toto. Accordingly the sub group recommends to refer the draft QRs to the MHA for approval.

Member:  Shri Patras Lakra, SO(Prov) CISF	Member:  Shri C. Keishing, A.D.(Prov) SSB
Member:  Shri. S.K. Thakur, D/C Assam Rifle	Member:  Shri. RAHUL YADAV, TC NSG
Member:  Shri T.D. Deashta, A/C(O) ITBP	Member:  Shri S. Chatterjee, SSU(U&A) BPR&D
Member:  Shri N. S. Sodha, Dy.Comdt. BSF	Member:  Shri Parveen Kumar. DIG(Prov), CRPF
Member	 Shri Pankaj Kumar Singh IPS, IG(Prov) CRPF
Chairman	 Shri Dilip Trivedi, IPS, DG CRPF

GOVERNMENT OF INDIA
(Ministry of Defence)

Provisional Specn. No.
DMSRDE/T&GS/99/440(a)
No. of Drawing/Plate attached
29 Plates

Latest Spec
SPECIFICATION
FOR

SYNTHETIC WEB EQUIPMENT - IMPROVED VERSION
Cat No. - NIV

ITEMS

- I) PACK WITH ALUMINIUM FRAME
- II) HAVERSACK
- III) POUCHES AMMUNITION
- IV) FROG BAYONET
- V) BELT WAIST

1. THIS SPECIFICATION CONSISTS OF EIGHT PAGES
2. THIS SPECIFICATION IS INTENDED TO GUIDE PURCHASE, INSPECTION AND MANUFACTURE OF SYNTHETIC WEB EQUIPMENT -IMPROVED VERSION AGAINST ARMY REQUIREMENT.
3. THIS SPECIFICATION OR ANY DRAWINGS, PATTERN OR ANY OTHER INFORMATION ISSUED IN CONNECTION THERE WITH MAY ONLY BE USED FOR SPECIFIC ORDER PLACED BY A COMPETENT AUTHORITY. IT IS NOT TO BE USED FOR ANY OTHER PURPOSE WHAT SO EVER WITHOUT THE EXPRES WRITTEN SANCTION OF THE APPROPRIATE AUTHORITY.
4. ALL CLAUSES IN THIS SPECIFICATION SHALL BE COMPLIED WITH IN EVER RESPECT, IRRESPECTIVE OF THE SOURCE OF SUPPLY OF THE MATERIAL AND/OR COMPONENTS.
5. IN CASE OF ANY DISCREPANCY BETWEEN THIS SPECIFICATION AND AN SAMPLE OR PATTERN, LOANED FOR ANY PURPOSE, THIS SPECIFICATION TOGETHER WITH DRAWING AND OTHER CONNECTED SPECIFICATION SHAL BE TAKEN AS CORRECT.
6. WHEN-EVER A REFERENCE TO ANY OTHER SPECIFICATION OCCURS IN THI SPECIFICATION, IT SHALL BE TAKEN AS REFERENCE TO THE LATEST VERSIC OF THAT SPECIFICATION EXISTING AT THE TIME OF FINALISATION OF CONTRACT.

ISSUED

BY

THE DIRECTOR
DEFENCE MATERIALS & STORES
RESEARCH & DEVELOPMENT ESTABLISHMENT
D.M.S.R.D.E., POST OFFICE
G.T. ROAD, KANPUR - 208013.

Price Rs. ~~500/-~~

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1. SCOPE

This specification covers the requirements of Synthetic Web Equipment - Improved Version in universal size.

2. GENERAL

The Synthetic Web Equipment-Improved version is made from Fabric Nylon 250 GSM, Polyurethane Coated Disruptive. The equipment consists of Pack with Aluminium Frame, Haversack, Pouches Ammunition Frog Bayonet and Belt Waist.

3. MATERIAL

The components of Synthetic Web Equipment-Improved version shall be manufactured from the following materials:-

TEXTILE ITEMS

Sl.No.	Materials	Particulars
I)	Fabric Nylon 250 GSM Disruptive, Polyurethane Coated (variety No.2)	Prov.Specification No.DMSRDE/T&GS/89/377(C).
II)	Tape Nylon thick 13 mm O.G.	Prov.Specification No. DMSRDE/T&GS/92/403
III)	Tape Nylon thick 19 mm O.G.	
IV)	Tape Nylon thick 25 mm O.G.	
V)	Tape Nylon thick 38 mm O.G.	
VI)	Tape Nylon thick 51 mm O.G.	
VII)	Webbing Nylon 57 mm O.G.	Specification No. JSS-8315-6
VIII)	Tape Nylon thin 33 mm medium O.G.	
IX)	Tape Nylon thin 51 mm O.G.	
X)	Tape Nylon 19 mm O.G.	Specification No. IS : 8156
XI)	Latex Foam Rubber sheet solid type 25 mm thick.	
XII)	Fastener Hook Tape Synthetic 50 mm type-I, O.G.	Specification No. IS : 8156
XIII)	Fastener loop Tape Synthetic 50 mm type-I O.G.	

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XIV) Fastener Hook Tape Synthetic
25 mm type-I, O.G.

XV) Fastener Loop Tape Synthetic
25 mm type-I, O.G.

XVI) Fastener Hook Tape Synthetic
16 mm type-I, O.G.

XVII) Fastener Loop Tape Synthetic
16 mm type-I, O.G.

Specification No. IS : 8156

XVIII) Long Cloth white Bleached
variety No.1

Specification No. IS : 187

XIX) Nylon Sewing thread O.G. for Aero space
purposes variety No. H₁

Specification No. IS : 4229

XX) Flexible Polyurethane foam 8 mm thick

Specification No. IS : 7933

XXI) Drill Cotton Disruptive Pattern Vat Printed.

Specification No.
IND/TC/0044

XXII) Synthetic (Plastic) Slide fastener-special
purpose, O.G., Medium duty 28 Cm.

Specification No. IS : 14181

METAL COMPONENTS

As per details given in
Annexure.

DIMENSIONS

4.1 All the components of Synthetic Web Equipment viz Pack with Aluminium Frame, Haversack, Pouches Ammunition, Belt Waist & Frog Bayonet shall be manufactured to the shape, design & dimensions as shown in the attached relevant drawing.

GENERAL TOLERANCE IN DIMENSIONS (excluding metal components)

- | | |
|--|--------------|
| a) Dimensions upto 25 Cms. | - +0.25 Cms. |
| b) Dimensions from 26 Cms. upto 50 Cms. | - ±0.50 Cms. |
| c) Dimensions from 51 Cms. upto 100 Cms. | - ±1.00 Cms. |
| d) Dimensions from 101 Cms. and above. | - ±1.50 Cms. |

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5. MANUFACTURE

The fabric shall be cut properly. The free edges shall be neatly turned in or covered through piping and sewn while fabricating textile items of Synthetic Web Equipment.

All the textile items of Synthetic Web Equipment shall be machine stitched with Thread Sewing Nylon. The stitches shall be regulated at 30/35 stitches per dm.

Thread break shall be back stitched (overlapped) for not less than 2.5 cms. at each break. Stitching shall be over sewn at the ends to 1.0 cm. to prevent un-ravelling except when ends are turned in under a hem or held down by other stitching. Thread tension shall be properly maintained to prevent loose stitching/seam puckering.

6. HEAT SEALING

Both the ends of each Tape/Webbing being used shall be heat sealed properly to avoid fraying in longer use. The loose end of the Tape/Webbing shall be heat sealed to a length of 2 cm rounded and shaped for smooth passage through respective buckles.

7. EYELETS

Holes suitably punched with heat sealing to receive the eyelets shall be smaller than the outside diameter of the eyelet barrels, so that barrels must fit tight in the holes. Loose fibres shall not be visible around the punched hole. The eyelets and washers shall be securely clinched without damage to surface of fabric/webbing.

8. WORKMANSHIP & FINISH

In appearance, shape, workmanship and finish and in all other respects not defined in this specification, the Synthetic Web Equipment shall conform to the sealed sample held in the custody of the AHSP.

9. PRE-INSPECTION

Before tendering a store to the Government Inspector, the supplier will carryout a thorough pre-inspection of each delivery to satisfy himself that the stores fully conform to this specification.

10. INSPECTION

If on examination from any portion of consignment, the stores and its basic materials are found not to be fully in accordance with the specification, the whole consignment is liable to be rejected.

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The sampling plan as under shall be followed :-

Lot Size	No. of samples for visual inspection	Permissible No. of defective samples	No. of samples for destructive test	Permissible No. of defective samples
0 - 300	10	1	2	0
301 - 500	20	2	3	0
501 - 1000	30	3	5	0
1001 - 3000	50	5	8	0
3001 & above	80	5	13	1

11. MARKING

Each article shall be legibly & indelibly marked in white ink with Cat. No. Manufacturer's initials or recognised trade mark, and year of manufacture at a place previously approved by AHSP/Inspecting officer.

12. PACKING

The various articles of Synthetic Web Equipment shall be packed as per details given below:-

Sl.No.	Designation	Nos. per bundle	No. of bundles per bale
I)	Pack	10	4
II)	Aluminium Frame for Pack	10	4
III)	Haversack	10	8
IV)	Pouches Ammunition	10	8
V)	Belt Waist	10	16
VI)	Frog Bayonet	10	80

- a) Each article of Synthetic Web Equipment shall be delivered in new clean and dry condition & packed properly. Quantity noted against each article above shall be made into unit pack (bundle) by suitably folding, placing one over the other and then suitably tying them with three ply twine jute (IS:1912)

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- b) Unit packs (bundles) shall then be wrapped with Polythene film of 0.04mm thickness (IS: 2508) and quantity of unit packs (bundles) noted against each article above shall then be wrapped in laminated hessian cloth (Specn. No. IND/TC/2123) to form a compact bale of rectangular shape as far as possible by placing suitably four pieces of slats wood 70 mm wide & 10 mm thick (Specn. No. CIGS/US/410) or Bamboo strips (preserved).
- c) The overlaps of inner layers shall be at least 10 cms to ensure full protection to the contents of the bale. The overlaps of the outer layer of hessian cloth shall be such that it can be properly and securely sewn around the bale. The bale shall be stitched with double three ply jute twine with not less than twelve stitches per dm., taking care not to pierce the inner wrapping during stitching. Sufficient hessian cloth shall be pulled out at each corner to form 'ears' of about fifteen cms in length. The bale shall be suitably secured by fastening with polypropylene strapping 12 mm (specn. CIGS/US/282).

Before despatch each bale/package shall be legibly marked by stencil showing:-

- a) Nomenclature and Cat. No. of the store
- b) Qty. packed in the bale/package.
- c) Serial No. of the bale/package.
- d) Month & Year of packing.
- e) Name/trademark of the manufacturer
- f) Gross weight of the bale/package in Kg.
- g) Name & address of the consignee.
- h) Inspection Note No. and date

13. WARRANTY CLAUSE

The store supplied against an order shall bear warranty of the contractor against defective material/workmanship and performance for a period of one year from the date of receipt of the stores at consignee depot. If during the period the stores supplied are found by the consignee to be so defective, the same shall be replaced immediately with serviceable stores, without any charges or cost.

KANPUR

DATED : 07.01.2002

[Signature]
Director
Defence Materials & Stores
Research & Development Establishment
D.M.S.R.D.E., Post Office,
G.T. ROAD, KANPUR - 208013

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CISF

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ITB

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SSB

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ARF

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METAL COMPONENTS

Sl. No.	Nomenclature	Particulars/Description
1.	Aluminium Alloy Frame for Pack, Synthetic Web Equipment	(Frame attached with components may procured as one unit)
a)	Frame with integral load rest	Aluminium Alloy Tube is 15 mm O.D x 2.5 W.T. conforming to Alloy 64430 condition W.P. of IS :1285
b)	Alignment & Strengthening piece	Aluminium Alloy rod 10 mm dia x 70 mm long to be inserted before revetting conforming Alloy 64430 -condition W.P. of IS : 737.
c)	Horizontal strips	Aluminium Alloy sheet 3mm thick conforming to Gde. 53000 condition H ₁ of IS : 737.
d)	Rings on the Horizontal strips	M.S. wire 4 mm dia conforming to IS : 280 annealed condition.
e)	Straps Retainers (Eye)	M.S. wire 4 mm dia conforming to IS : 280 annealed condition.
f)	Reverts ((Frame attached with components may be procured as one unit)	Aluminium Alloy Round head 5 mm dia x 25 mm long conforming to Gde. 53000 (NR-5) of IS : 740.
2.	Eyelets Brass No.21 with plain washer.	Conforming to No. 21 of IS : 4084, except overall length 'D' shall be 7.0 mm.
3.	Belt Buckle 57 mm (Male & Female)	Aluminium Alloy sheet 5 mm thick conforming to Gde. 53000 condition H ₂ of IS : 737
4.	Slides for Belt	Aluminium Alloy sheet 1.5 mm thick conforming to Alloy 53000 Temper H ₁ of IS : 737.
5.	Buckle Adjusting 60 mm	Aluminium Alloy sheet 3 mm thick conforming to Alloy 53000 Temper H ₁ of IS : 737.
6.	Buckle Aluminium Alloy 25 mm	Specification No. CQA (GS)/US/324

Item No. 2 Eyelets Brass with plain washer has been substituted for Painted Painted O.G. Reide our Letter No. F.1/LE-2 dt 18-7

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7. Buckle Aluminium Alloy 51 mm

Specification No. CQA (GSYUS/324

8. 'D' Ring 19 mm Nickel plated, Nickel plating 0.025 mm (25 Micron) copper (as base coating) 0.008 mm (8 Micron) as per IS 1068

Mild steel wire 2 mm dia conforming to IS:280, 1/2 Hard (H₂) condition.

9. Buckle Aluminium Alloy Quick Release 19 mm

Specification No. CQA(GSY/ US/324

PAINT: Paint R.F.U. finishing War equipment, storing, bracing/ spraying Olive Green Scamic No. 314.

Specification No. IND/SL/3235

Note:

COATING

- a) The metal fittings shall be free from burrs, flaws, cracks, sharp/rough edges and any defects. The surface of the metal fittings shall be finished smooth all over.
- b) All the metal components shall be anodized and dyed in black except M.S. wire rings. Wherever not covered under the relevant specification. The anodizing shall conform to grade AC 15 of IS : 1868 and thickness be determined as per IS : 5523. The anodized surface after dyeing shall be sealed as required vide clause 10 of IS : 1868 and when tested as per IS : 5523. The anodized and dyed surface shall have a dull finish and conform to light fastness requirement when tested as per IS : 5523. M.S. Wire (Rings) components shall be epoxy Coated in Black colour. Anodization of 'D' ring 19 mm Nickel plated is not required.

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PLATE 24

SYNTHETIC WEB EQUIPMENT - IMPROVED VERSION

INDEX

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FIRST ANGLE PROJECTION	DRAWN BY <i>[Signature]</i>	CHECKED BY <i>[Signature]</i>	APPROVED BY <i>[Signature]</i>
DIMENSIONS IN mm.			

[Signature] CRPF *[Signature]* BSF *[Signature]* CISF *[Signature]* TPF *[Signature]* SSB *[Signature]* NSG *[Signature]* AMRE *[Signature]* BPR&D

(10) (16) (KSD)

SYNTHETIC WEB EQUIPMENT - IMPROVED VERSION

MATERIAL LIST

(TEXTILE: ITEMS & METAL COMPONENTS)

S.NO.

NAME OF MATERIALS

1. FABRIC: NYLON 250GSM DISRUPTIVE POLYURETHANE COATED (VARIETY No. 2)
2. DRILL COTTON DISRUPTIVE PATTERN VAT PRINTED
3. LONG CLOTH WHITE BLEACHED VARIETY No. 1
4. WEBBING NYLON 57 mm O.G
5. FASTENER HOOK TAPE SYNTHETIC 50mm TYPE-I, O.G
6. FASTENER LOOP TAPE SYNTHETIC 50mm TYPE-I, O.G
7. FASTENER HOOK TAPE SYNTHETIC 25mm TYPE-I, O.G
8. FASTENER LOOP TAPE SYNTHETIC 25mm TYPE-I, O.G
9. FASTENER HOOK TAPE SYNTHETIC 16mm TYPE-I, O.G
10. FASTENER LOOP TAPE SYNTHETIC 16mm TYPE-I, O.G
11. LATEX FOAM RUBBER SHEET SOLID TYPE 25 mm THICK
12. FLEXIBLE P.U. FOAM 8mm THICK
13. TAPE NYLON THICK 51mm O.G
14. TAPE NYLON THICK 38mm O.G
15. TAPE NYLON THICK 25mm O.G
16. TAPE NYLON THICK 19mm O.G
17. TAPE NYLON THICK 13mm O.G
18. TAPE NYLON THIN 51mm O.G
19. TAPE NYLON THIN 13mm MEDIUM O.G
20. TAPE NYLON 19 mm O.G
21. PLASTIC SLIDE FASTENER MEDIUM DUTY O.G 28cm.
22. NYLON SEWING THREAD O.G FOR AEROSPACE PURPOSES VARIETY No. H.
23. BUCKLE ALUMINIUM ALLOY 25 mm
24. BUCKLE ALUMINIUM ALLOY 51mm
25. D'RING 19 mm NICKEL PLATED
26. EYELETS BRASS No. 21 WITH PLAIN WASHER PAINTED O.G.
27. BELT BUCKLE 57mm (MALE & FEMALE)
28. BUCKLE ADJUSTING 60mm
29. SLIDES FOR BELT
30. ALUMINIUM ALLOY FRAME
31. BUCKLE ALUMINIUM ALLOY QUICK RELEASE 19 mm

FIRST ANGLE PROJECTION

DIMENSIONS IN mm/DP

DRAWN BY

CRP

CHECKED BY

CRP

APPROVED BY

CRP

CRPF

BSF

CISF

IBF

SSB

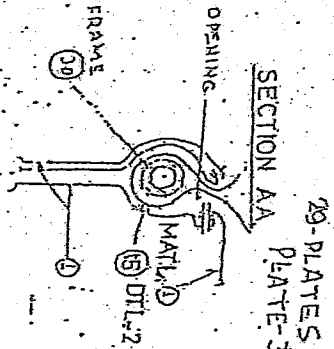
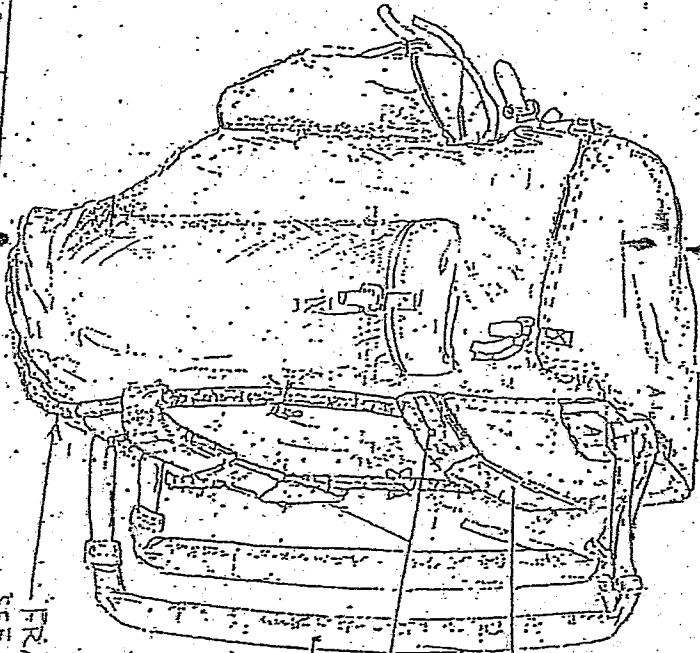
NSG

Avifle

BPR&D

SYNTHETIC WEB EQUIPMENT - IMPROVED VERSION

PACK WITH FRAME
ASSEMBLY



DRAWN BY
(S. S. CHANDRA)

CHECKED BY
(S. S. CHANDRA)

PASSED BY
(S. S. CHANDRA)

FRAME MATL (30)
SEE SEPARATE DRAWING

CRPF

BSF

CISF

ITBP

SSB

NSG

Arifle

BPR&D

CRPF

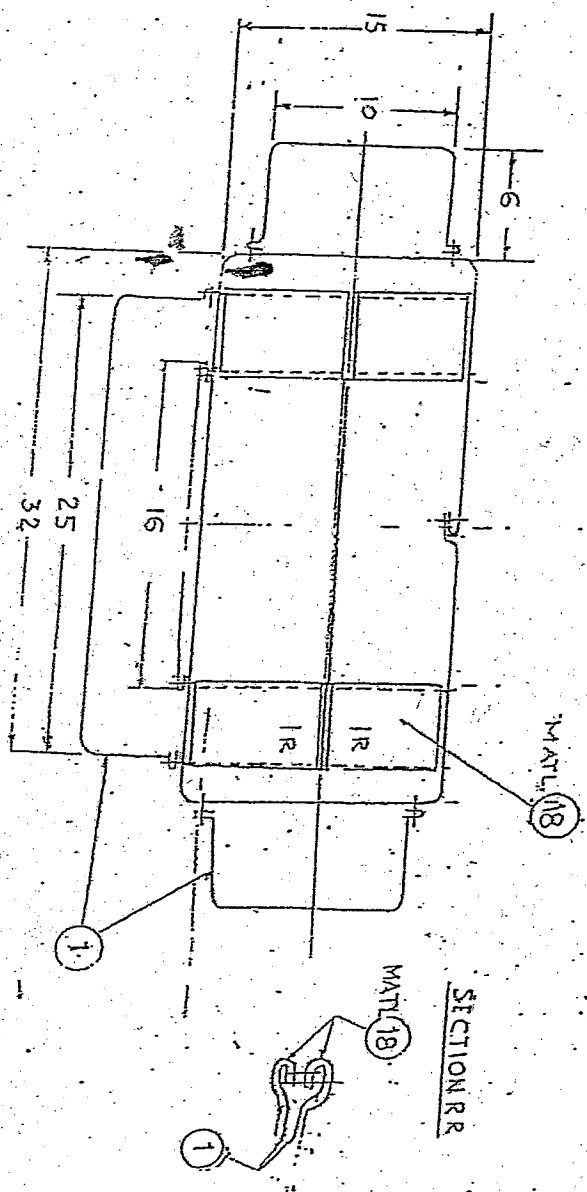
CRPF
BSF
CISF
ITBP
NSG
SSB
NSG
SSB
A/R file
BPR&D

13

SYNTHETIC WEB EQUIPMENT - IMPROVED VERSION
(BACK)
(BOTTOM VIEW)

1B

29-PLATES
PLATE NO. 5



DESIGNED BY
DRAWN BY
CHECKED BY
PASSED BY
APPROVED BY
DATE

ALL STITCHING DONE
WITH MATT 22

CRPF

BSF

CISF

ITBP

SSD

SSD

SSD

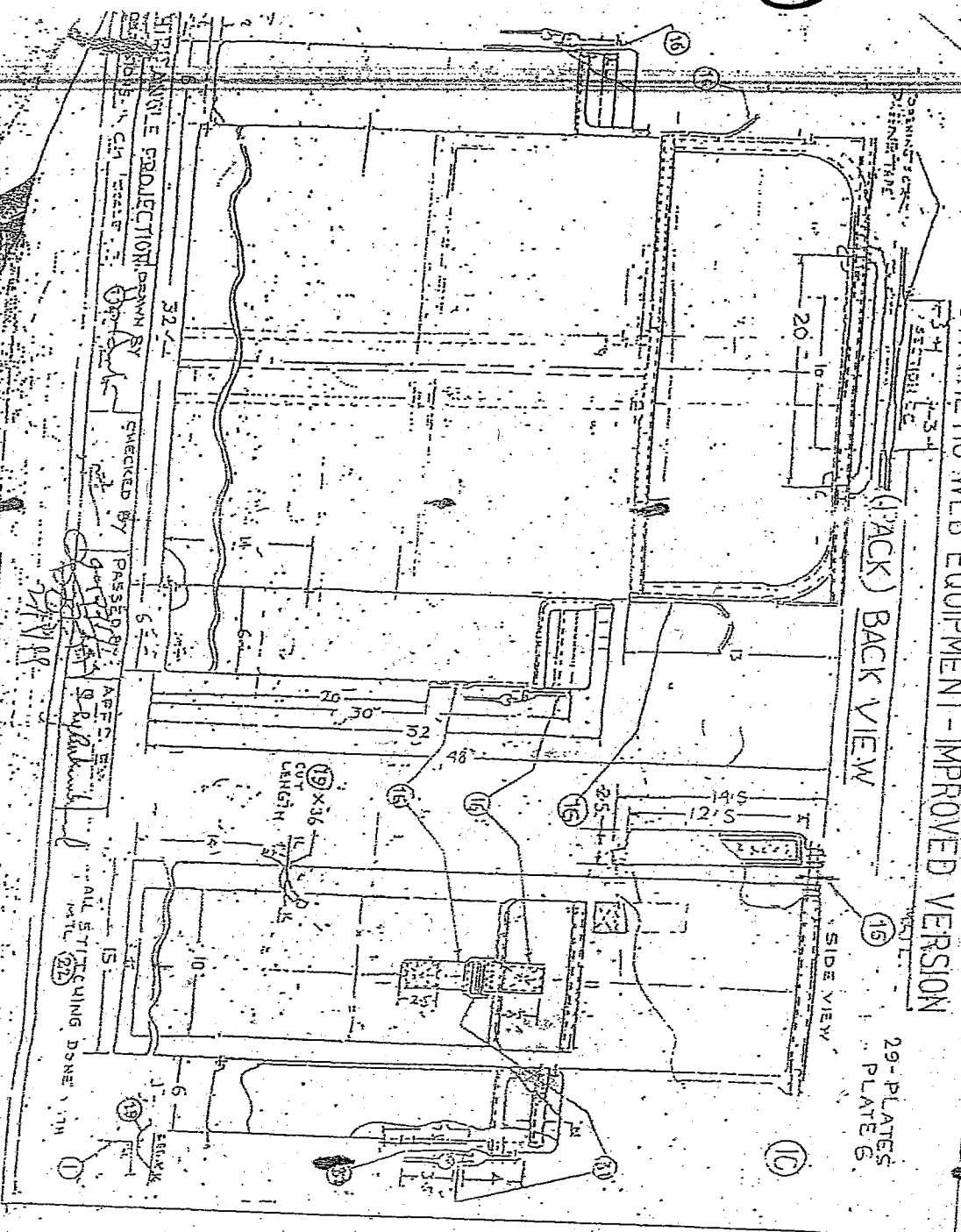
BPR&D

(14) (20)

SYNTHETIC WEB EQUIPMENT-IMPROVED VERSION

(PACK) BACK VIEW

29-PLATES
PLATE G



DESIGNED BY: [Signature]
CHECKED BY: [Signature]
PASSED BY: [Signature]
APPROVED BY: [Signature]
ALL STITCHING DONE WITH [Signature]

CRPF

BSF

CISF

ITBP

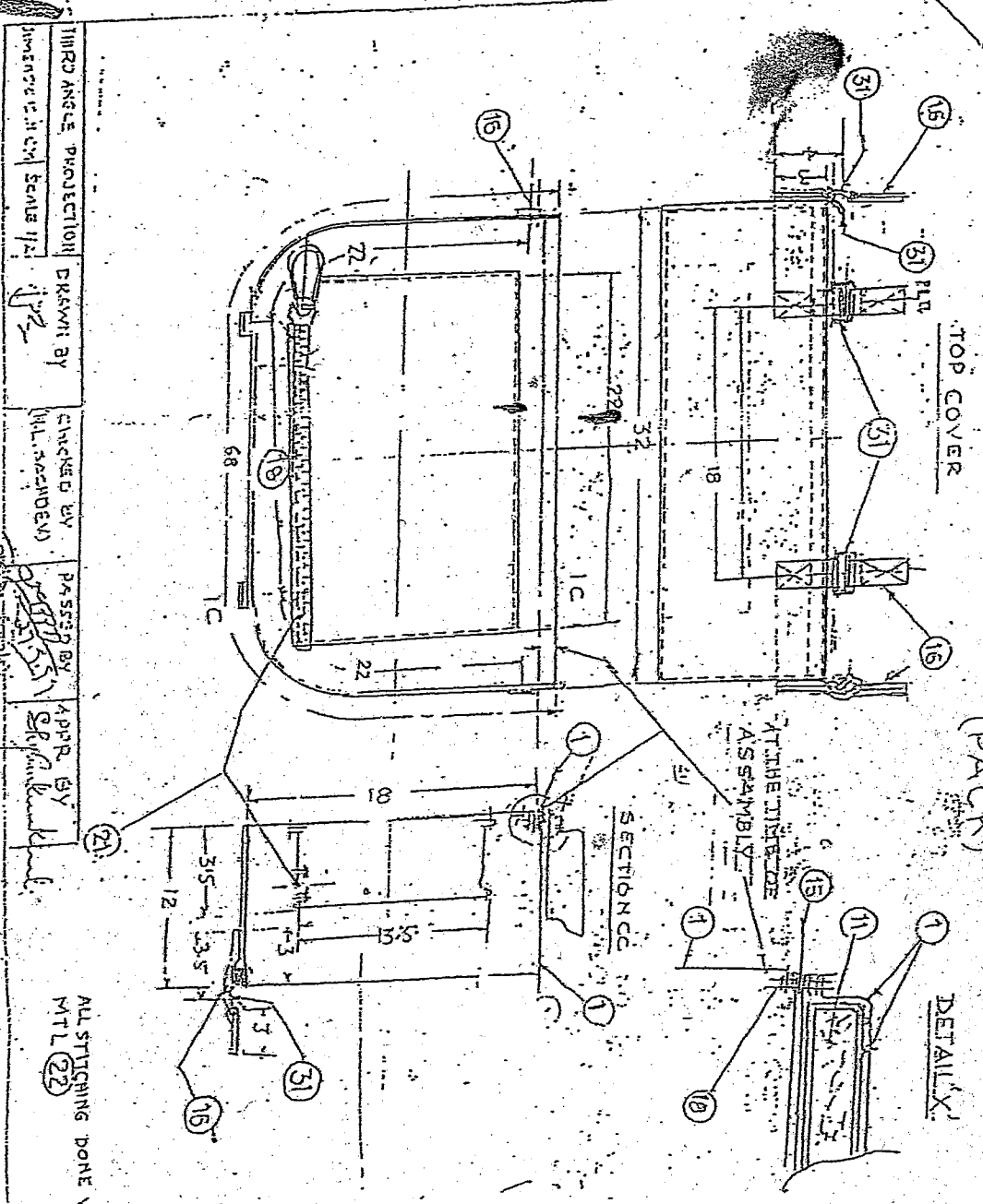
SSB

NSG

ARifle

BPR&D

21



IMPROVED ANGLE PROJECTION	DRAWN BY	CHECKED BY	PASSED BY	APPROVED BY
IMPROVED ANGLE PROJECTION	1/2" = 1'-0"	W. L. HADEN	1/2" = 1'-0"	1/2" = 1'-0"

ALL STITCHING DONE WITH
MTL (22)

CRPF

B.S.F.

CISF

ITBP

SSB

NSG

As file

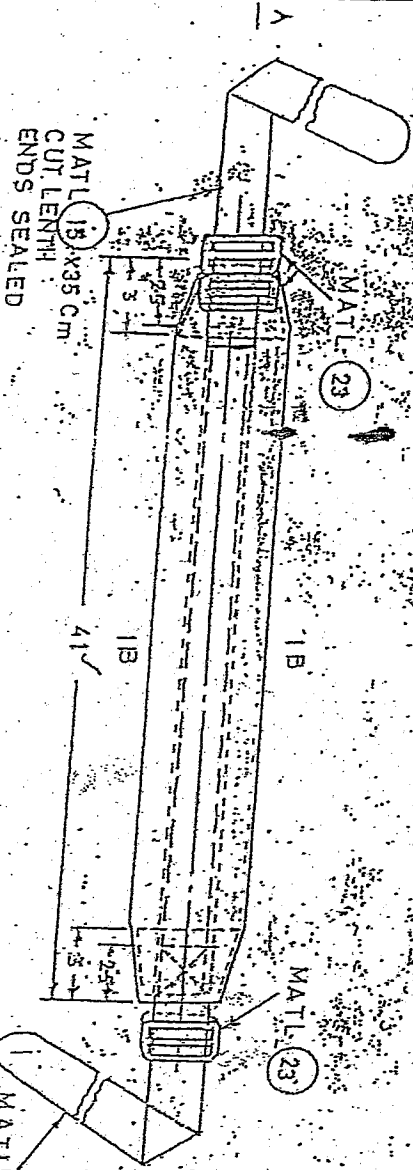
BPR&D

76 22 156

SYNTHETIC WEB EQUIPMENT - IMPROVED VERSION

STRAP ATTACHMENT PACK (SHOULDER STRAP)
2 - OFF

29 - PLATES
PLATE - 8



DIMENSIONS IN
CENTIMETRES

DRAWN BY *[Signature]* CHECKED BY *[Signature]* PASSED BY *[Signature]* APPROVED *[Signature]*

ALL STITCHINGS DONE
WITH MATL 22

CRPF

BSF

CISF

ITBP

SSB

NSG

ARifle

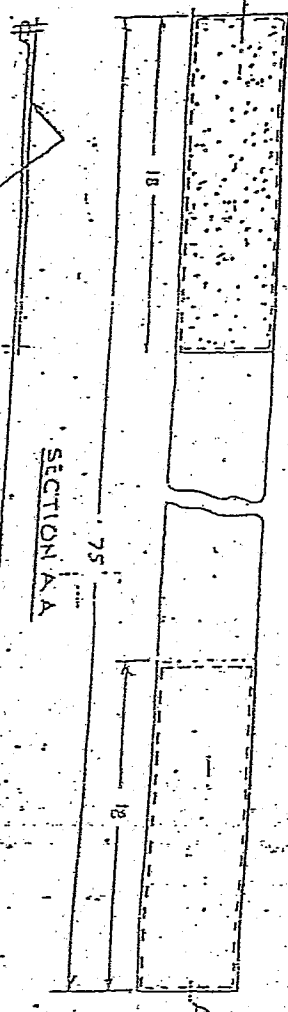
BPR&D

17

SYNTHETIC WEB EQUIPMENT - IMPROVED VERSION

29-PLATES
PLATE-9

STRAP ATTACHMENT PACK
(BACK SUPPORTING STRAP)
MATERIAL: (18) 2-0FF



THIRD-ANGLE PROJECTION

DIMENSIONS IN CENTIMETRES

SCALE: 1:2

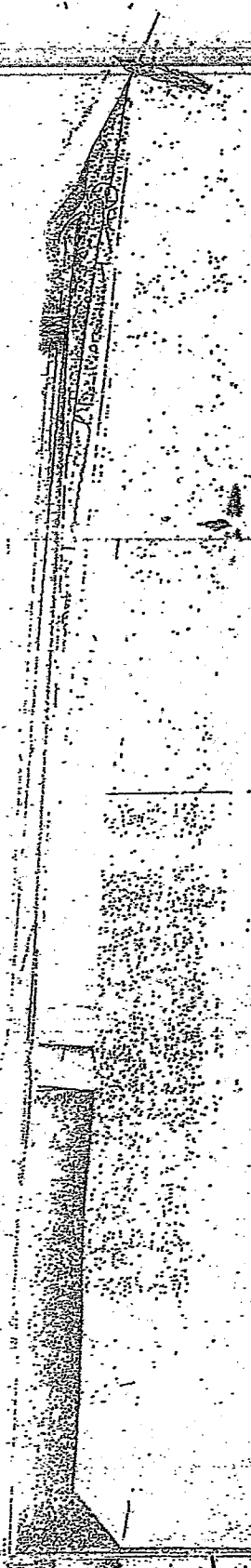
DRAWN BY
[Signature]

CHECKED BY
[Signature]

DESIGNED BY
[Signature]

APPROVED
[Signature]

NOTE:
ALL STITCHING'S DONE
WITH MATERIAL (5)



CRPF BSF CISF ITBP SSB NSG AVN file BPR&D

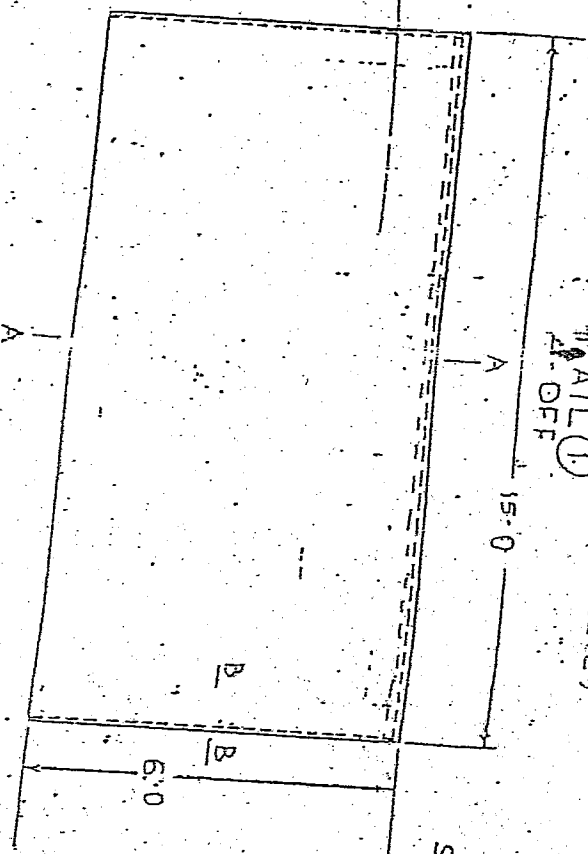
150
151

SYNTHETIC WEB EQUIPMENT - IMPROVED VERSION

STRAP ATTACHMENT PACK (SLEEVE)

29 PLATES
PLATE - 10

ATL ①
21. OFF



RD ANGLE PROJECTION			
DRAWN	CHECKED	PASSED	APPROVED
(S.P. Does)	Krass	21/11/11	21/11/11

ALL STITCHINGS
DONE WITH MATL ②



CRPF

BSF

CISF

ITBP

SSB

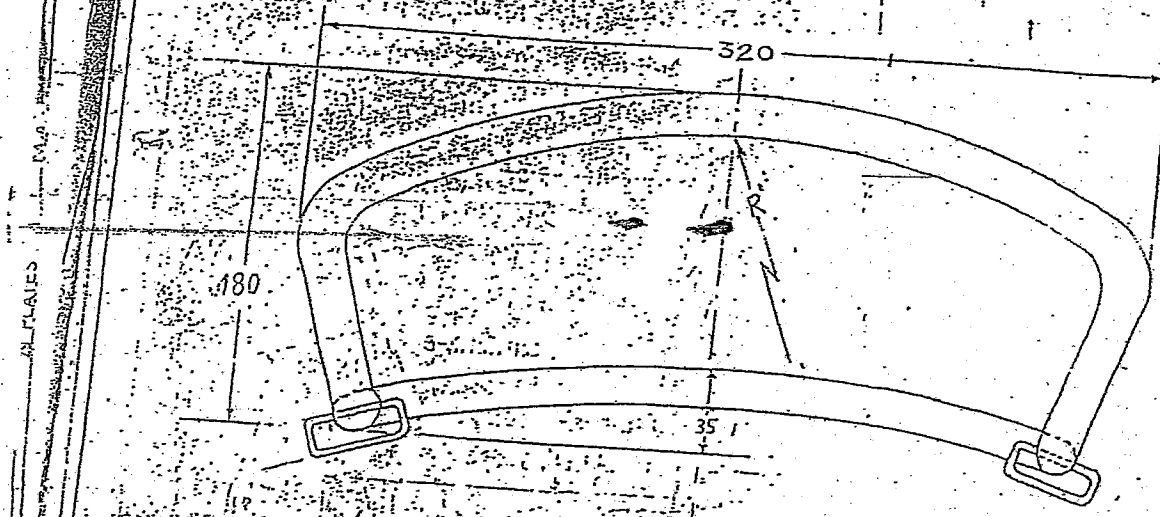
NSG

AVRfle

BPR&D

(20) 26 (168)

ANTHEMIC WEB EQUIPMENT IMPROVED VERSION 29-PLATES
ALUMINIUM FRAME
(FRONT VIEW)
MATERIAL ALLOY TUBE 15mm O.D. X 2.5 mm W.T.
29-PLATES
PLATE 12



DIMENSIONS IN mm				
SCALE	DRAWN	CHECKED	PASSED	APPROVED
N.T.S.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

CRPF

BSF

CISF

ITBP

SSB

NSG

A Rifle

BPR&D

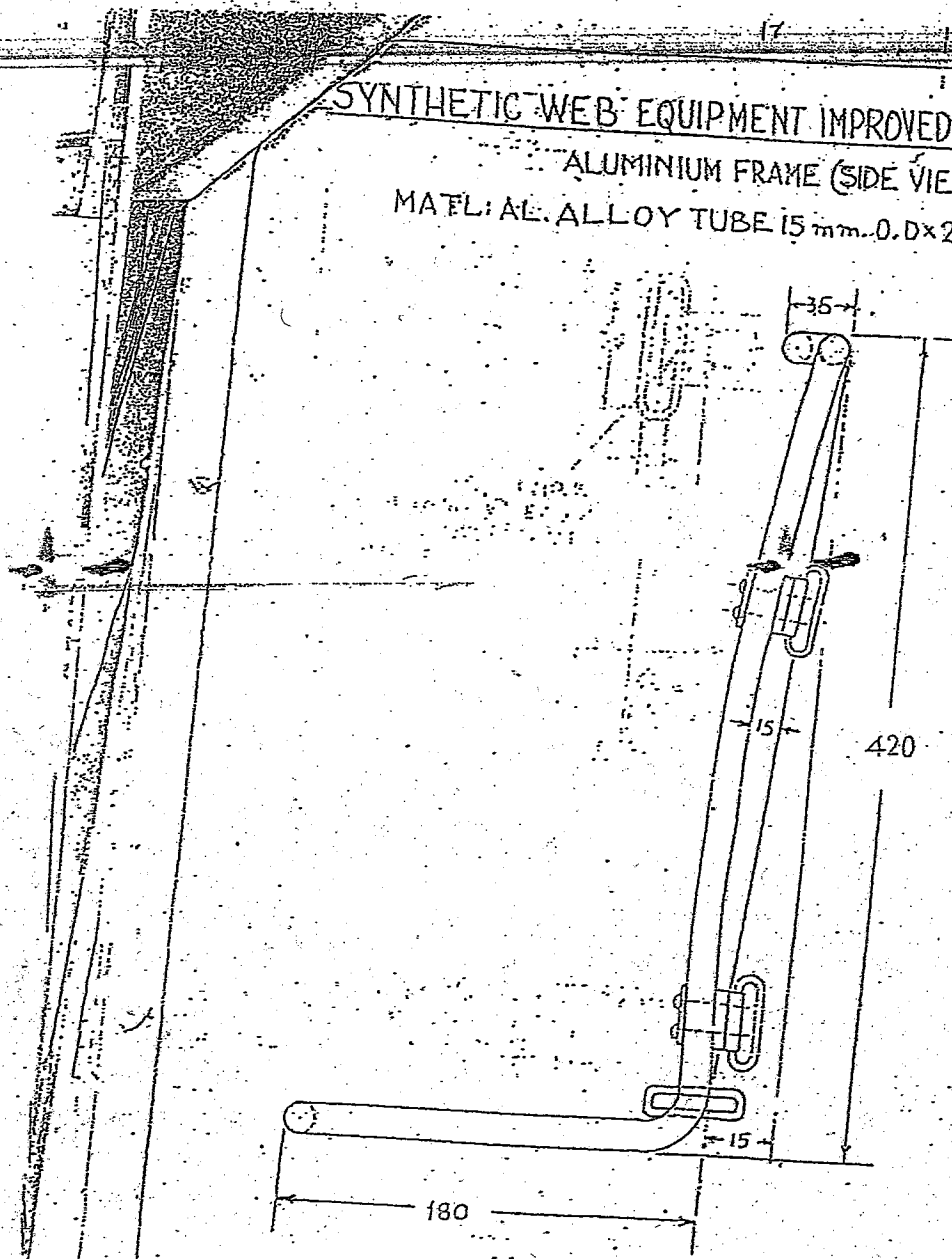
(21) 16

SYNTHETIC WEB EQUIPMENT IMPROVED VERSION

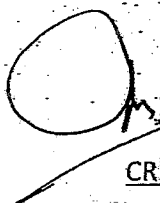
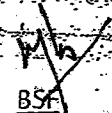
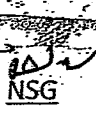
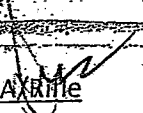
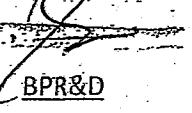
29-PLATES
PLATE-13

ALUMINIUM FRAME (SIDE VIEW)

MATL: AL. ALLOY TUBE 15 mm. O.D x 2.5 mm WALL THICKNESS



DIMENSIONS IN mm.				
SCALE	DRAWN	CHECKED	PASSED	APPROVED
	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

 CRPF
  BSF
  CISF
  ITBP
  SSB
  NSG
  ARMY
  BPR&D

BPR&E

SYNTHETIC WEB EQUIPMENT IMPROVED VERSION

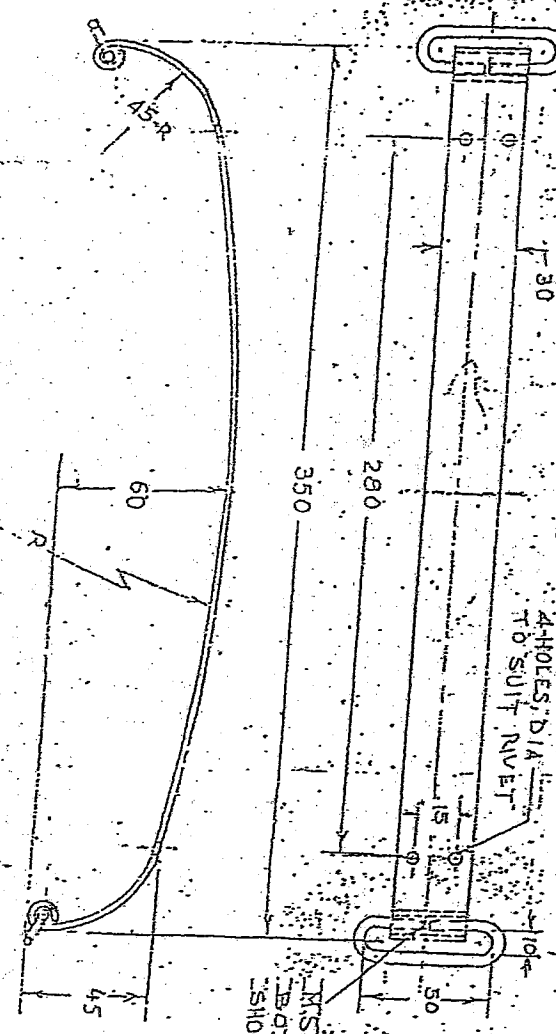
ALUMINUM FRAME

29 PLATES

UPPER STRIP

4 HOLES DIA 15 TO SUIT RIVET

2



THIRD ANGLE PROJECTION	DRN	CHD	APPD
Dimensions in millimetres	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
SCALE: 1:1			

CRPF BSF CISF ITBP SSB NSG ARIILE BPR&D

(24) (30) (164)

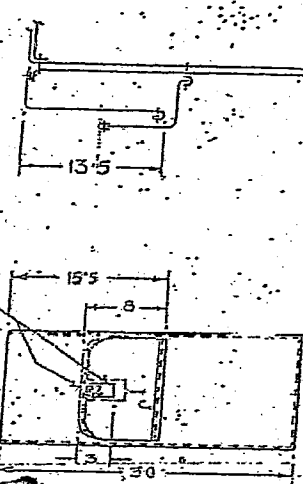
ION UJ
1:2

SYNTHETIC WEB EQUIPMENT IMPROVED VERSION
HAVERSACK
(FRONT VIEW)
MATERIALS SHOWN

29 PLATE 16

VELCRO MTL 7 X 4.5 CM
VELCRO MTL 8 X 6.0 CM

SECTION HH



SECTION CC



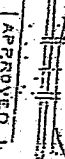
SECTION EE



SECTION FF



SECTION GG



POCKET SHOWN WITHOUT COVER FLAP

MTL 15 X 2.4 CM CUT LENGTH

SHOULDER ANGLE PROJECTION -
DIMENSIONS IN CENTIMETERS
SCALE - 1:1

DESIGNED BY
CHECKED BY
PASSED BY
APPROVED

CRPF

BSF

CISF

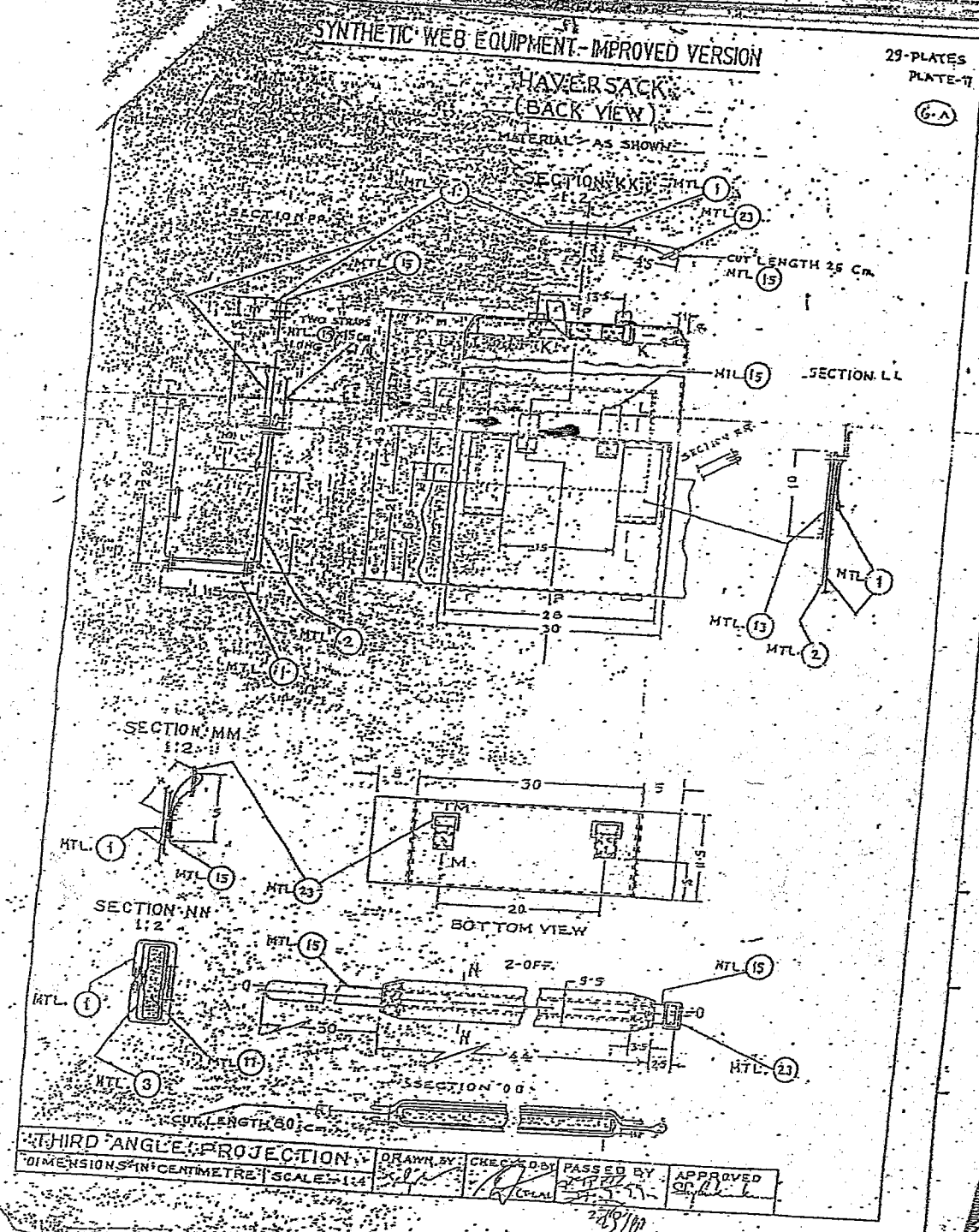
ITBP

SSB

NSG

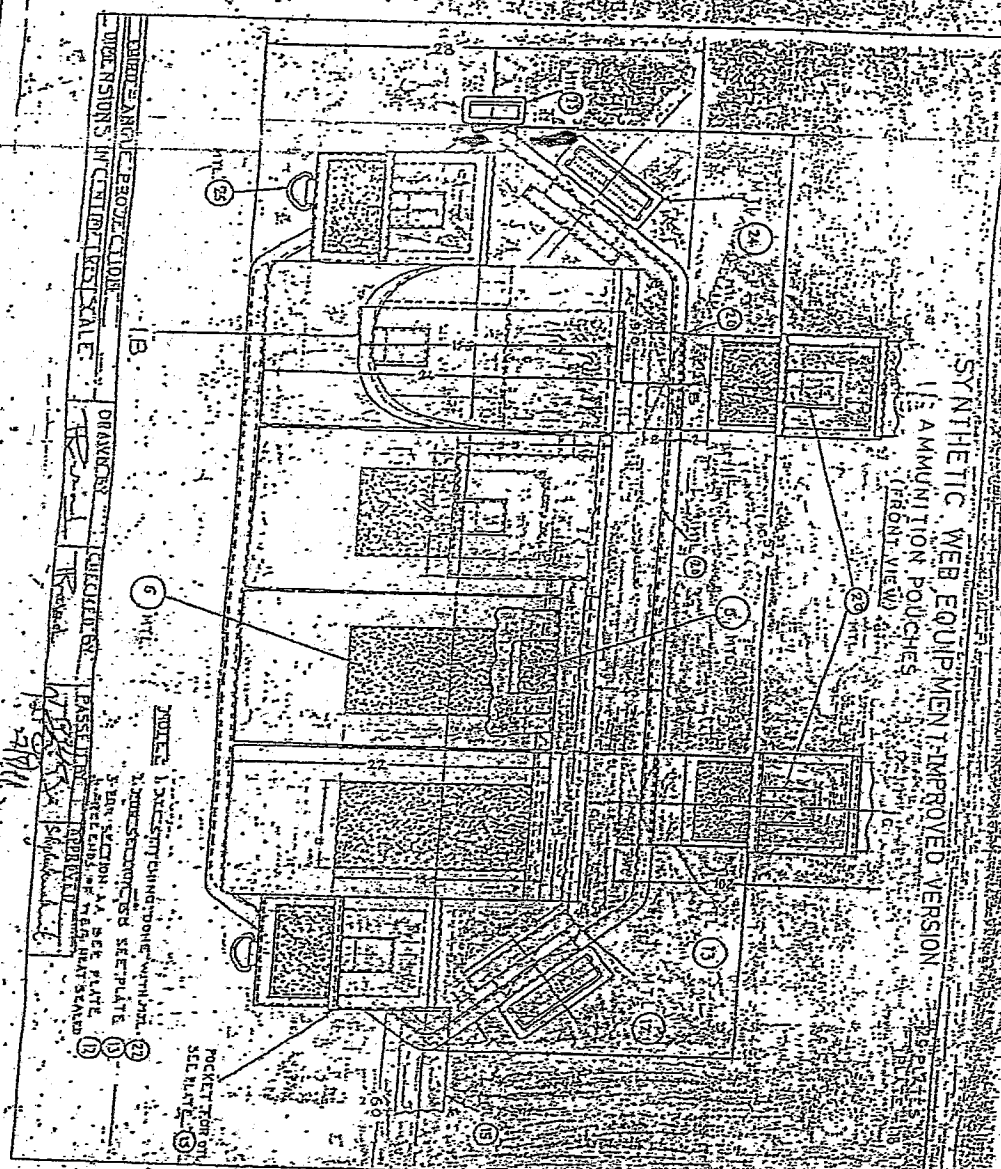
ARifle

BPR&D



[Signature] CRPF
[Signature] BSF
[Signature] CISF
[Signature] ITBP
[Signature] SSB
[Signature] NSG
[Signature] ARMY
[Signature] BPR&D

55



CRPF

BSF

CISF

部

55

NSG

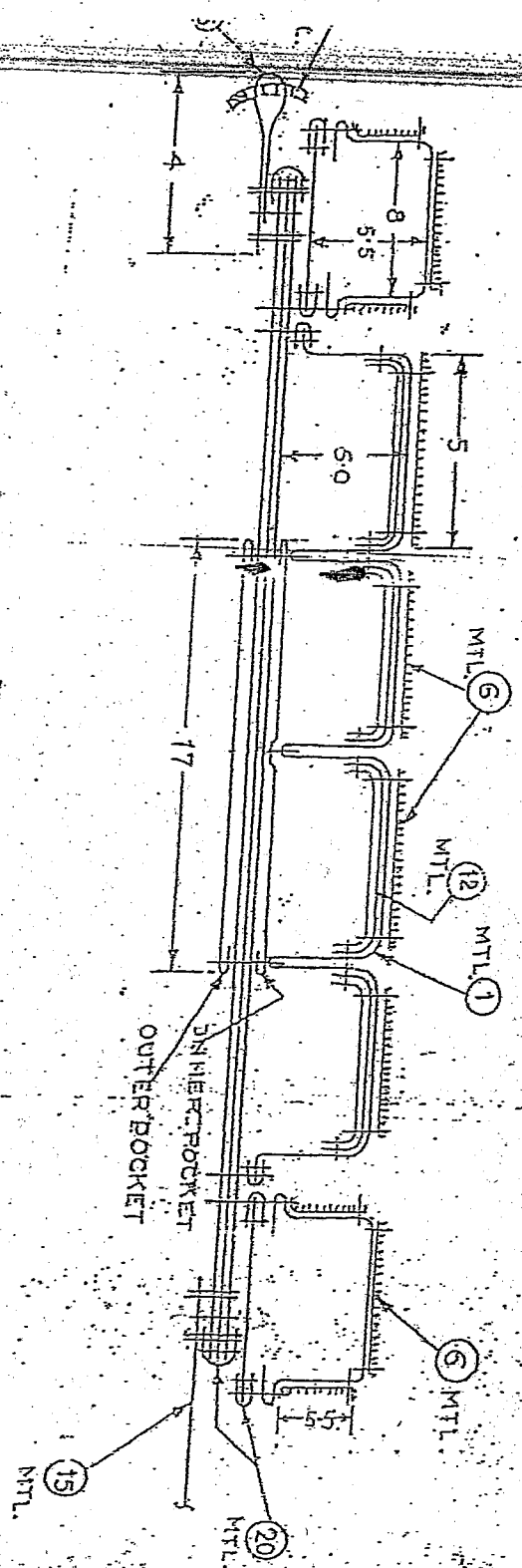
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27 AB

AMMUNITION POUCHES

SECTION-AA

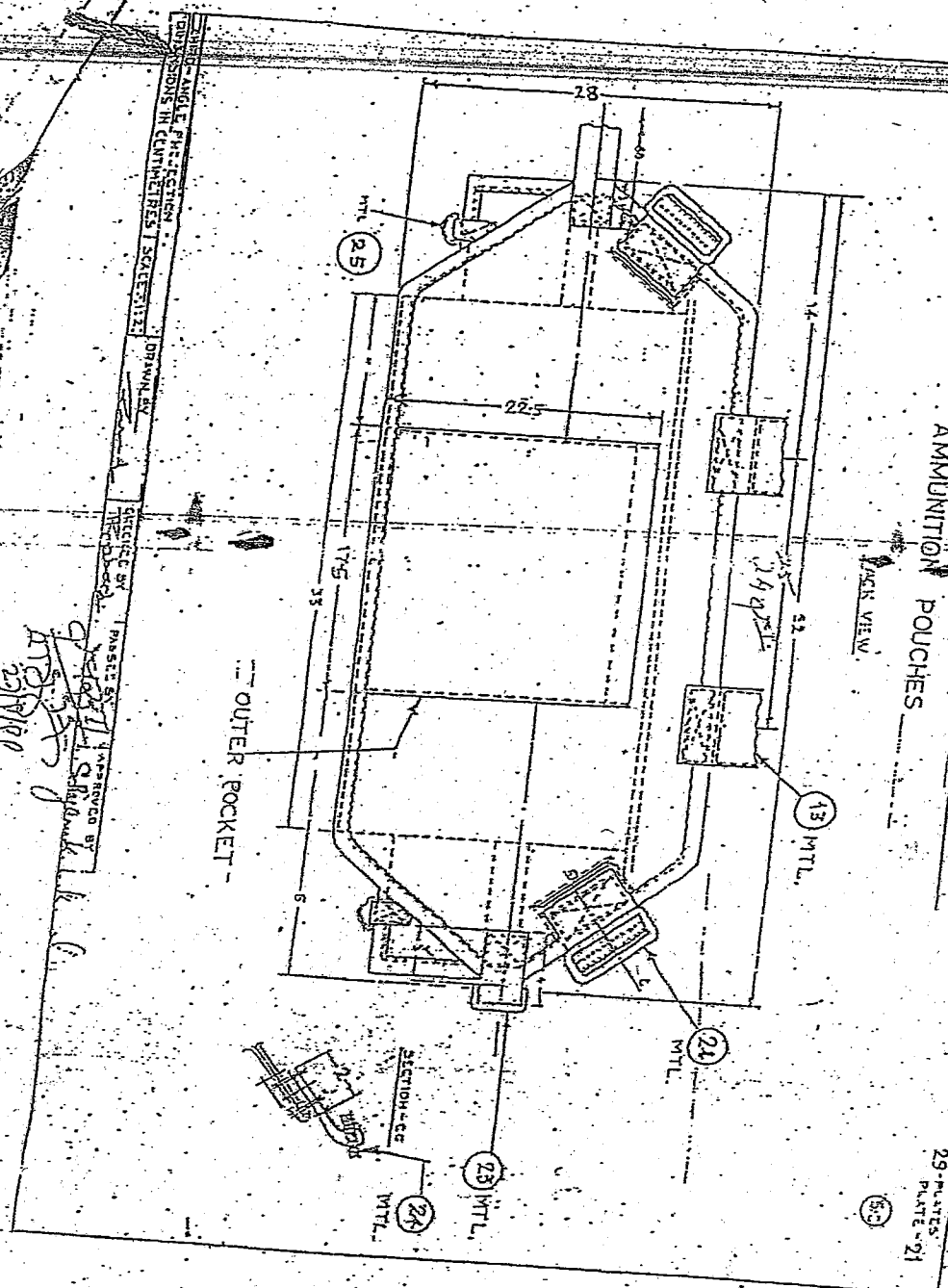


RD ANGLE PROJECTION		DRAWN BY		CHECKED BY		PASSED BY		APPROVED BY	
ENGINEER	IN MM	SCALE: 1/2	J. P. 10/07	K. S. 10/07	2.1/11/11	2.1/11/11	2.1/11/11	2.1/11/11	2.1/11/11

CRPF BRF CISE ITBP SSB NSG A Rifle BPR&D

AMMUNITION POLICE

29-PLATES
PLATE-21



OUTER POCKET

[Handwritten signature]



CRPF

BSF

CISE

ITBP

7

201

MA

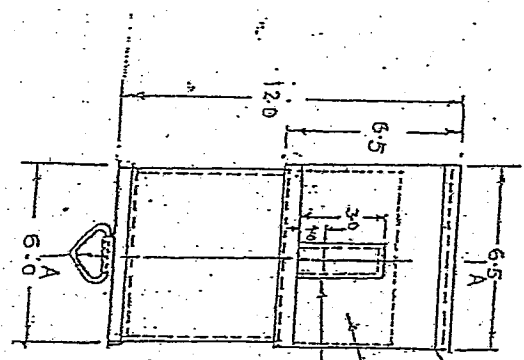
2

30

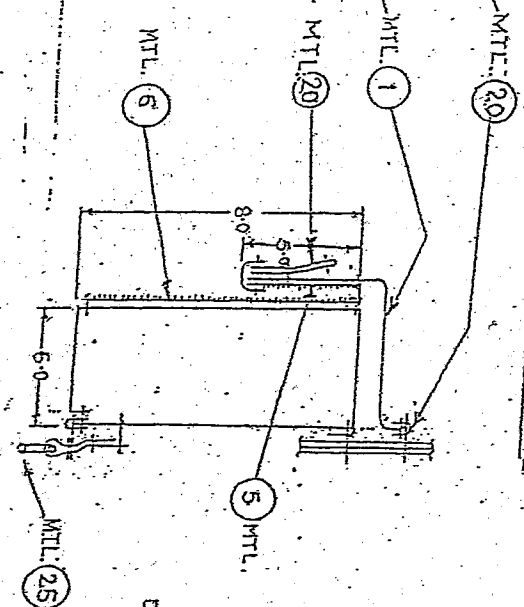
36

SYNTHETIC WEB EQUIPMENT IMPROVED VERSION
AMMUNITION POUCHES (HAND GRENADE POCKET AT SIDE)
MATERIAL, AS SHOWN

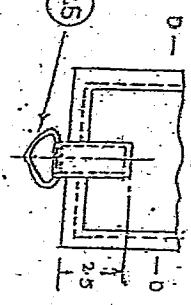
PLATE 22



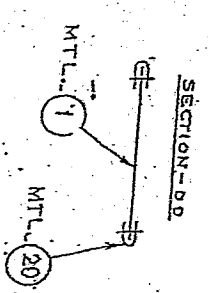
FRONT VIEW



SECTION-AA



BACK VIEW



SECTION-BB

THIRD ANGLE PROJECTION
DIMENSIONS IN CENTIMETRES
SCALE

DRAWN	CHECKED	PASSED	APPROVED
<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

CRPF

BSF

CISF

ITBP

SSB

NSG

ARifle

BPR&D

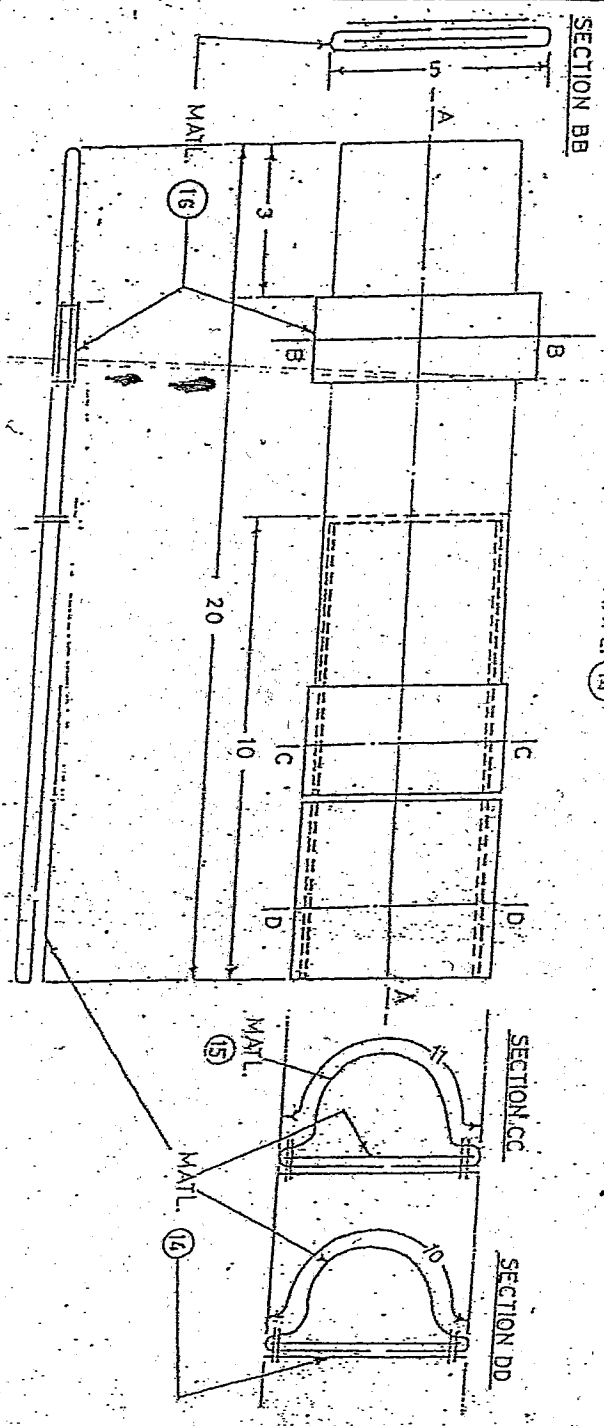
(31)

(37)

SYNTHETIC WEB EQUIPMENT - IMPROVED VERSION
(FROG BAYONET)

MATL. (12)

29-PLATES
PLATE-23



THIRD ANGLE PROJECTION

DIMENSIONS IN CENTIMETRES
SCALE 1:1

DRAWN BY <i>[Signature]</i>	CHECKED BY <i>[Signature]</i>	PASSED BY <i>[Signature]</i>	APPROVED <i>[Signature]</i>
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31

CRPF

BSF

CISF

ITBP

SSB

NSG

AAJME

BPR&D

31

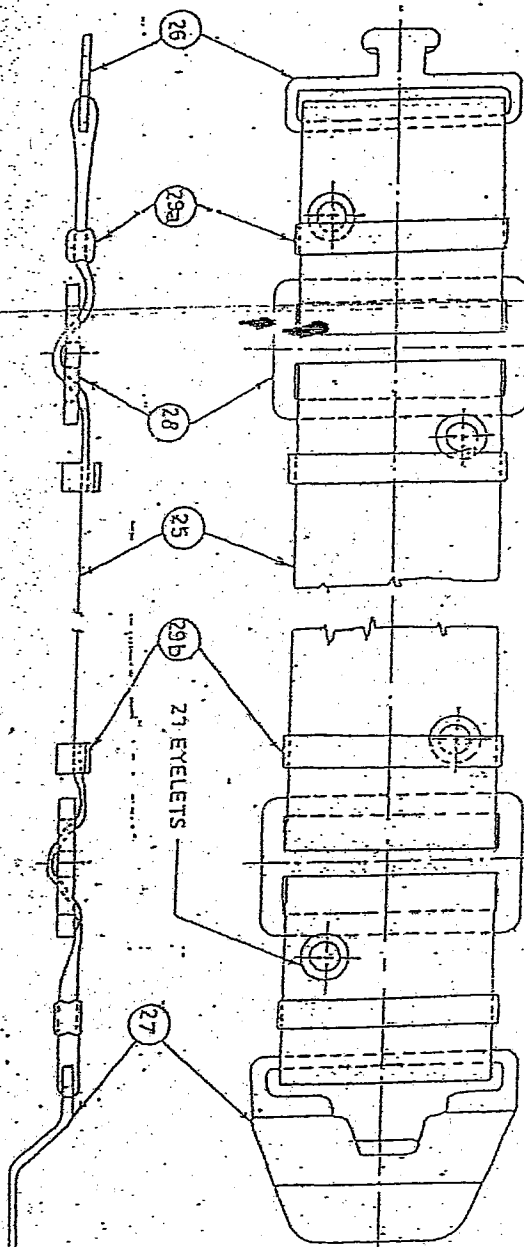
38

SYNTHETIC WEB EQUIPMENT - IMPROVED VERSION

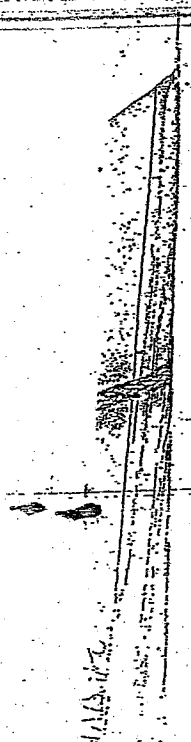
29 - PEALS
PLATE - 24

BELT WAIST

SUB - ASSEMBLY



THIRD ANGLE PROJECTION	DRAWN BY	CHECKED BY	PASSED BY	APPROVED
DIMENSIONS IN mm	K.L. REDDY			



CRPF

BSF

CISF

ITBP

SSB

NSG

ARIF

BPR&D

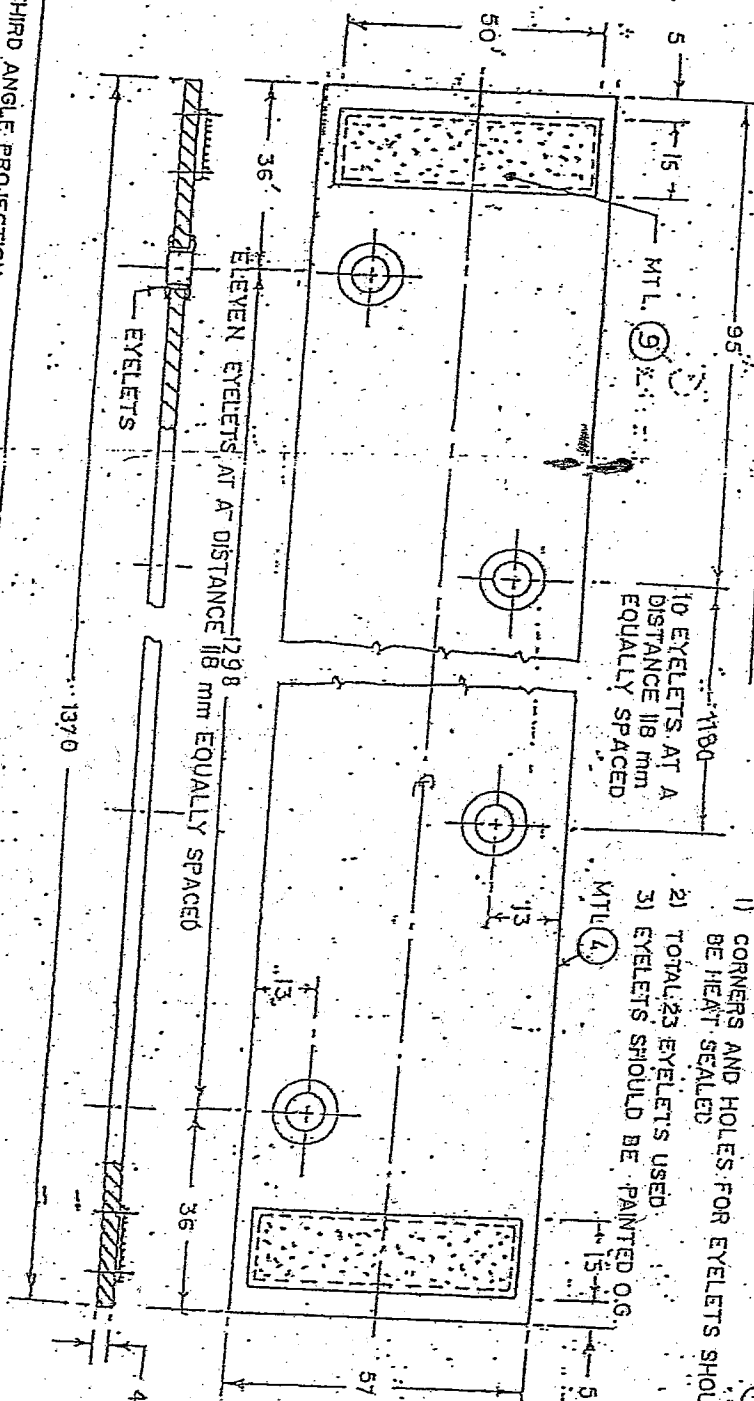
SYNTHETIC WEB EQUIPMENT IMPROVED VERSION

BELT WAIST

29 PLATES
PLATE -25

NOTE:

- 1) CORNERS AND HOLES FOR EYELETS SHOULD BE HEAT SEALED
- 2) TOTAL 23 EYELETS USED
- 3) EYELETS SHOULD BE PAINTED O.G.



DRAWN
K.L. REDDY

CHECKED
[Signature]

APPROVED
[Signature]

CRPF

BSF

CISF

ITBP

SSB

NSG

ARMLie

BPR&D