

# MOONTLIKE ANTWOORDE VIR:

WOODWORKING  
SG

## Vraag 1.1

## Question 1.1

### Vooraansig van swaaideure

### Front view of swingdoors

1.1.1 Kosynkop (een)	2
1.1.2 Kosynstyle (twee)	2
1.1.3 Deurstyle (vier)	2
1.1.4 Boreling 125 x 45	2
1.1.5 Slotreling 300 x 45	2
1.1.6 Onderreling 300 x 45	2
1.1.7 Glas panele – bo	2
1.1.8 Panele onder (twee)	2
1.1.9 Afmetings (wyde en hoogte)	2
1.1.10 Eierprofiellys (kosyn)	2
1.1.11 Lynwerk	2
1.1.12 Byskrifte	2
1.1.13 Skaal	2
1.1.14 Veerskarniere	2
1.1.15 Konstruksie	<u>2</u>
	(30)

Head of frame (one)
Frame styles (two)
Door styles (four)
Top rail 125 x 45
Lock rail 300 x 45
Bottom rails 300 x 45
Top glass panel
Panels-bottom (two)
Dimensions (width + height)
Ovolo Mould (frame)
Line work
Captions
Scale
Spring hinge
Construction

## Vraag 1.2

## Question 1.2

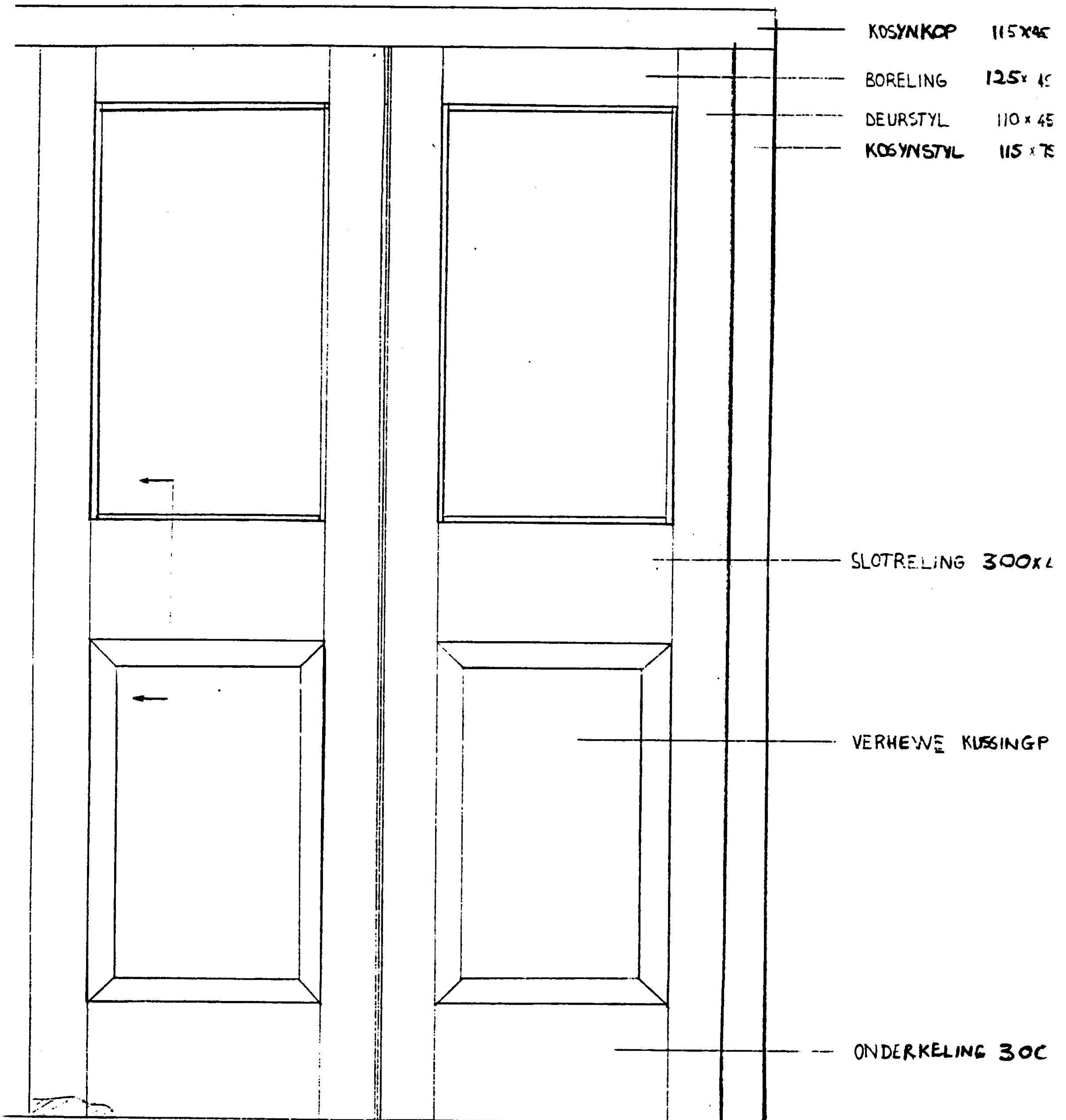
### Vertikale snit van slotreing

### Vertical of lockrail

1.2.1 Slotreling 300 x 45	2
1.2.2 Loslys	2
1.2.3 Vaste lys	2
1.2.4 Verhewe kussing paneel	2
1.2.5 Byskrifte	<u>2</u>
	(10)

Lockrail 300 x 34
Loose beaching
Solid beading
Raised panel
Captions

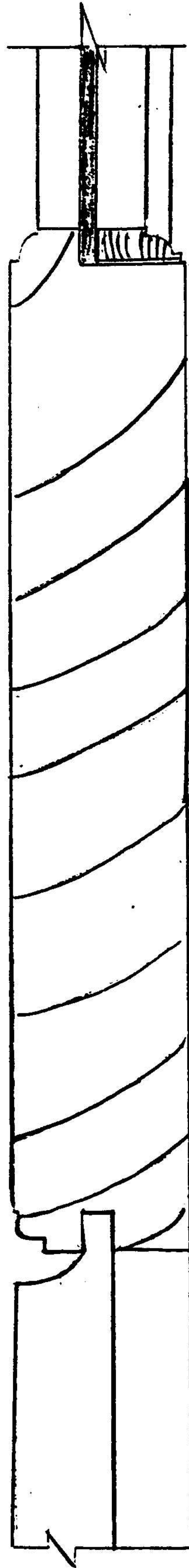
VR 1:1  
Q. 1:1



SWAAIDEUR  
SKAAL 1:10

(30)

Q/vr : 1.2



4mm GLAS

LOSLYS

SLOTRELING 300x45

PANEEL 22mm

SNIT A"A"

(10)

**Vraag 2.1**  
**Dubbelswaairaam venster**

Kosynkop	1
Kalfreling	1
Kosynstyle	2
Tussenstyl	1
Venstebank	1
Twee Glaspaneel	2
Twee boligte	2
Vensterstyle( vier)	2
Boreling	1
Onderreling	1
Raamroei	1
Konstruksie	5
Lynwerk	3
Netheid	3
Byskrifte	3 (1/2 elk)
Skaal	1

[30]

**Vraag 2.2**  
**Horisontale snit deur die tussenstyle**  
**En aangrensende raamstyle**

Tussenstyl	2
Twee aan grensende venster style	2
Glas	1
Skaal	1
Byskrifte	1
Opskrifte	1
Arsering	1

[10]

**Question 2.1**  
**Double casement window**

Head
Transome
Frame style
Mullion
Window sill
Two glass panels
Two fanlights
Sash styles (four)
Top rail
Bottom rail
Glazing bar
Construction
Line work
Neatness
Captions
Scale

**Question 2.2**  
**Horizontal section through the mullion and the adjacent sash stiles**

Mullion
Sash style
Glass
Scale
Captions
Heading
Hatching

VRAAG 2:1  
QUESTION 2:1

DUBBELS'VAIRAAMVENSTER MET BOLIGTE  
DOUBLE CASEMENT WINDOW WITH FANLIGHT

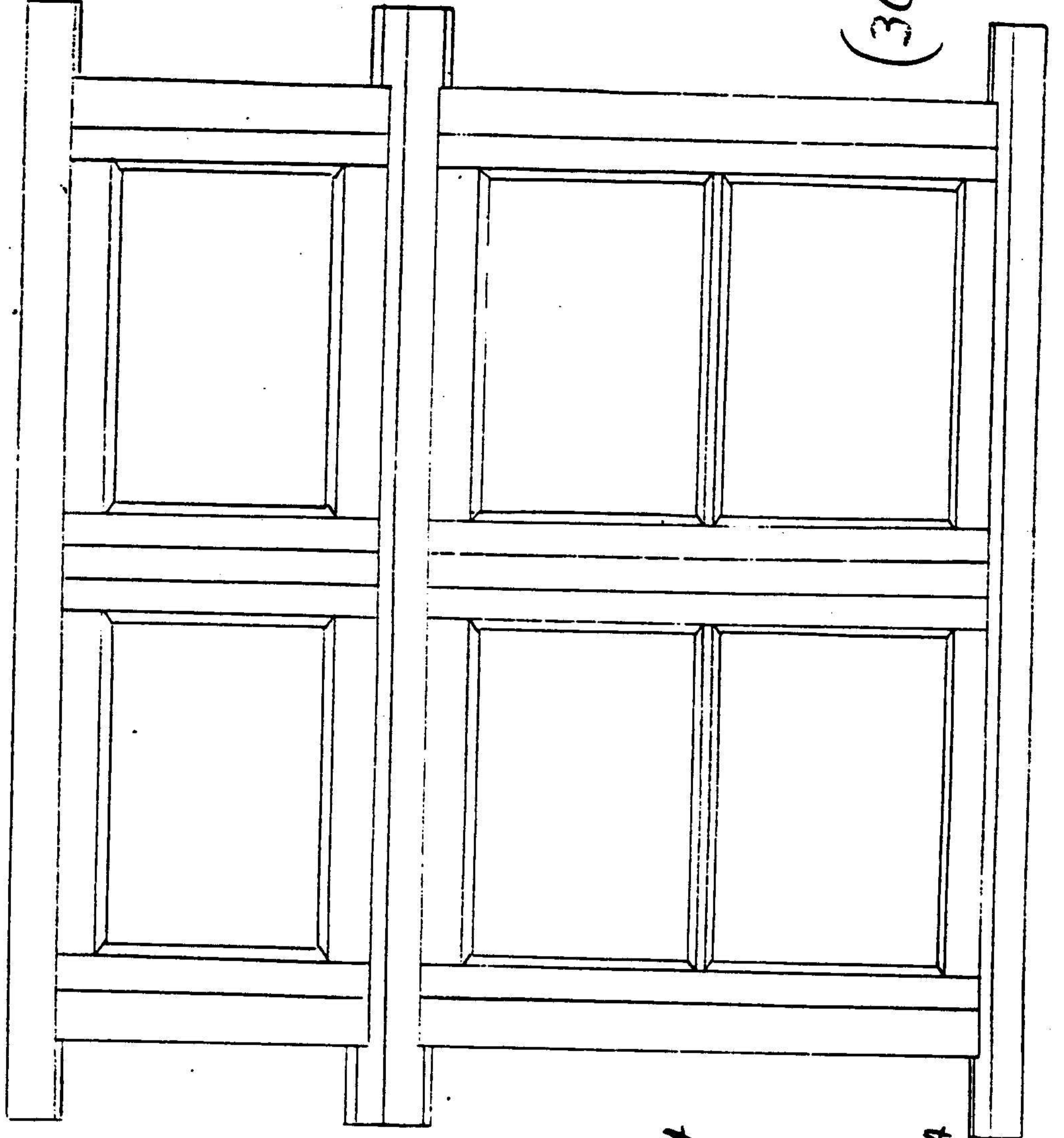
SCALE/SKAAL 1:10

KOSYNKOR 115X75  
HEAD OF FRAME

KALFRELING 130X75  
TRANSOM

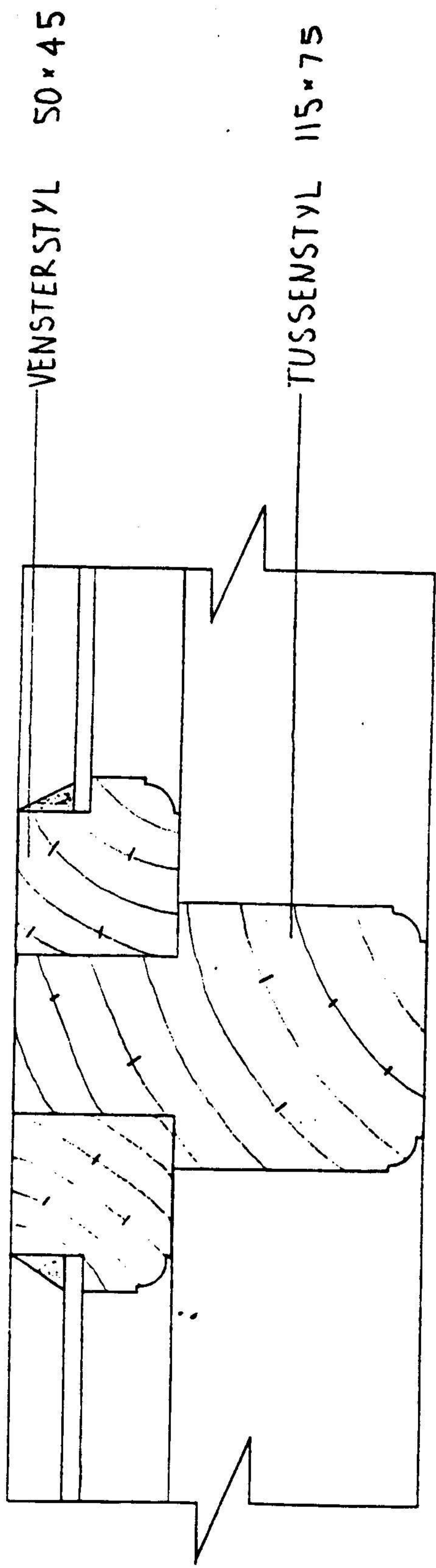
RAAMROEI 30X44  
GLASING BAR

BOTTOMRAIL/ONDERRELING 65X44  
SILL /VENSTERBANK  
150X75



(30)

VRAAG 2:2



HORISONTALE SNIT VAN TUSSENSTYL EN AANGRENSENDE VENSTERSTYL  
SKAAL 1:2

(10)

**Vraag 3.1****Strook muur paneelwerk**

Vertikale snit	2
Vooraansig metn t + G plank	2
Hegtings metode aan muur	2
Afwerking by bo punt	4
Afwerking by onder punte	4
Byskrifte	2
Skaal	2
	[20]

**Vraag 3.2**

Isometriese Skets	4
Kosynkop 115 x 75	2
Tussenstyl 115 x 75	2
Kort + lang skouer	2
Dubbelsponning	2
Skaal 1:2	2
Opskrifte	2
Lynwerk	2
Netheid	2
	[20]

**Question 3.1****Stripboard paneling**

Vertical section
Front view t + g strips
Fixing to wall
Construction at top
Construction at bottom
Line work
Scale

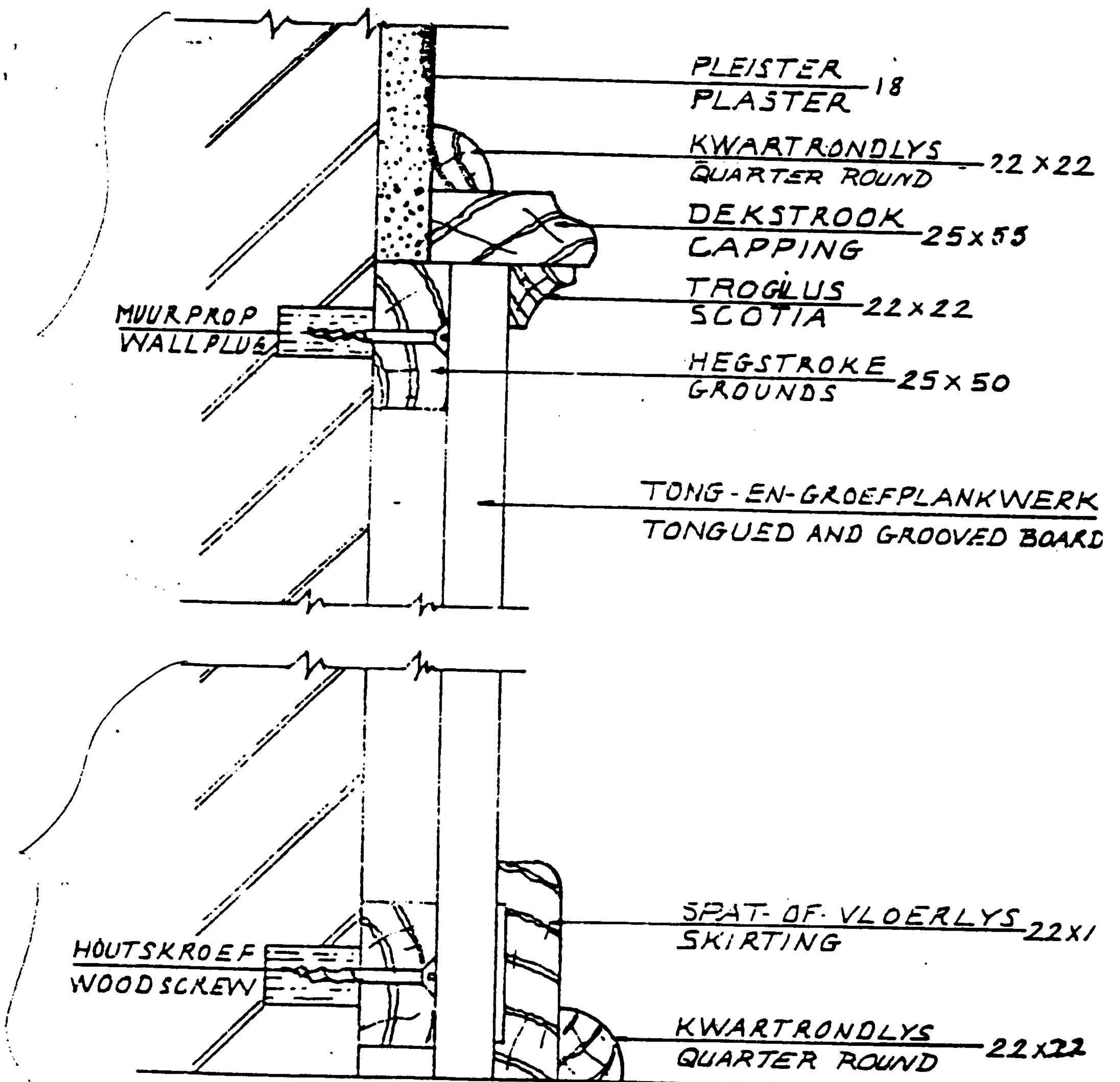
**Question 3.2**

Isometric scetch
Head 115 x 75
Adjacent 115 x 75
Short + long shoulder
Dubble rebate
Scale 1:2
Heading
Line work
Neat work

FIG 19 BESONDERHEDE VAN PANEELWERK.  
PANELLING DETAIL

SKAAL 1:2  
SCALE 1:2

3:1:



MUURPROP  
WALLPLUG

PLEISTER 18  
PLASTER

KWARTRONDLYS 22x22  
QUARTER ROUND

DEKSTROOK 25x55  
CAPPING

TROGJUS 22x22  
SCOTIA

HEGSTROKE 25x50  
GROUNDS

TONG-EN-GROEFPLANKWERK  
TONGUED AND GROOVED BOARD

HOUTSKROEF  
WOODSCREW

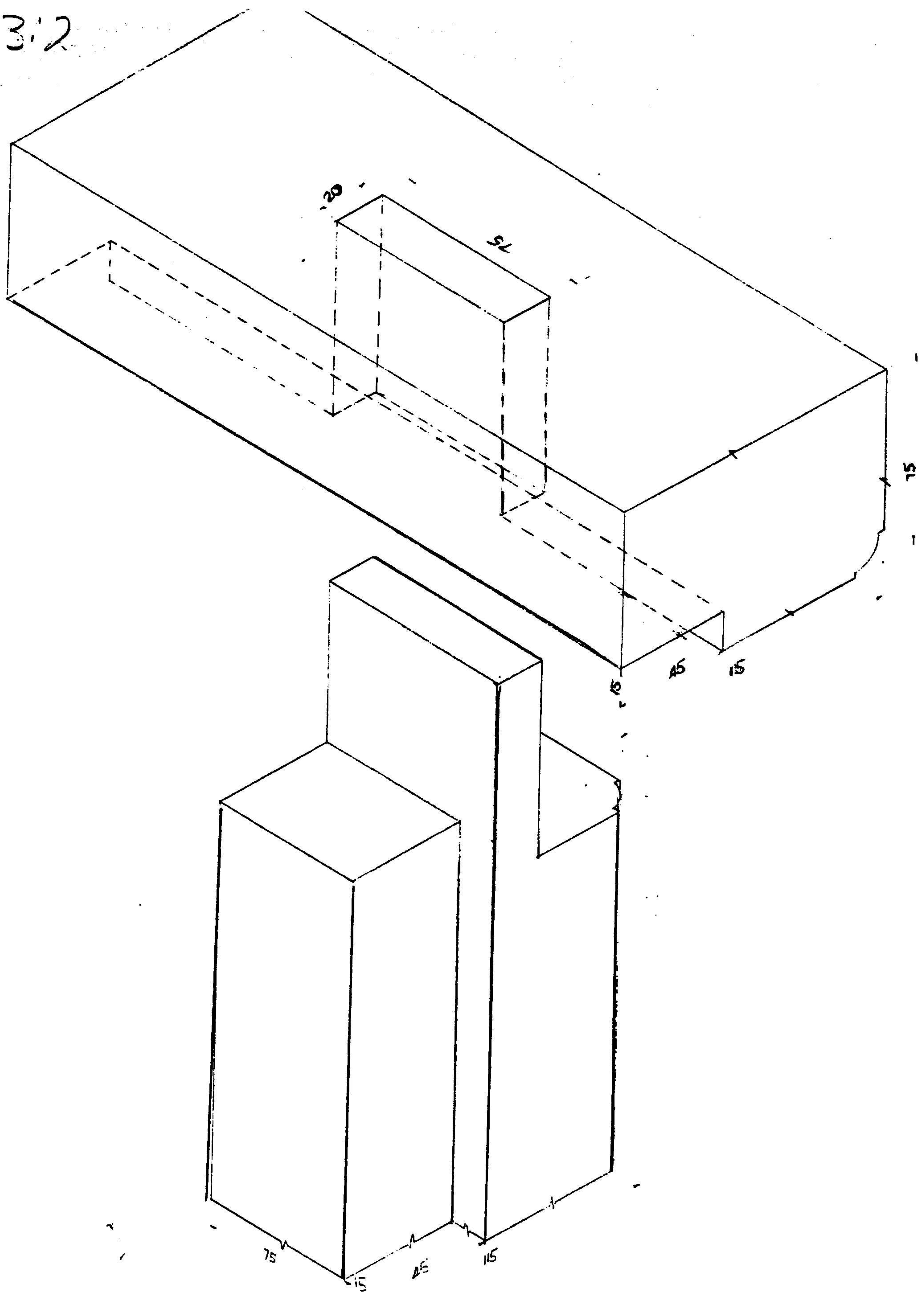
SPAT-OF-VLOERLYS 22x1  
SKIRTING

KWARTRONDLYS 22x22  
QUARTER ROUND

(20)



3:2



VERBINDING TUSSEN KOSYNKOP EN  
KOSYNSTYL  
SKAAL 1:2

(20)

### Vraag 4.1

#### Dakkap.

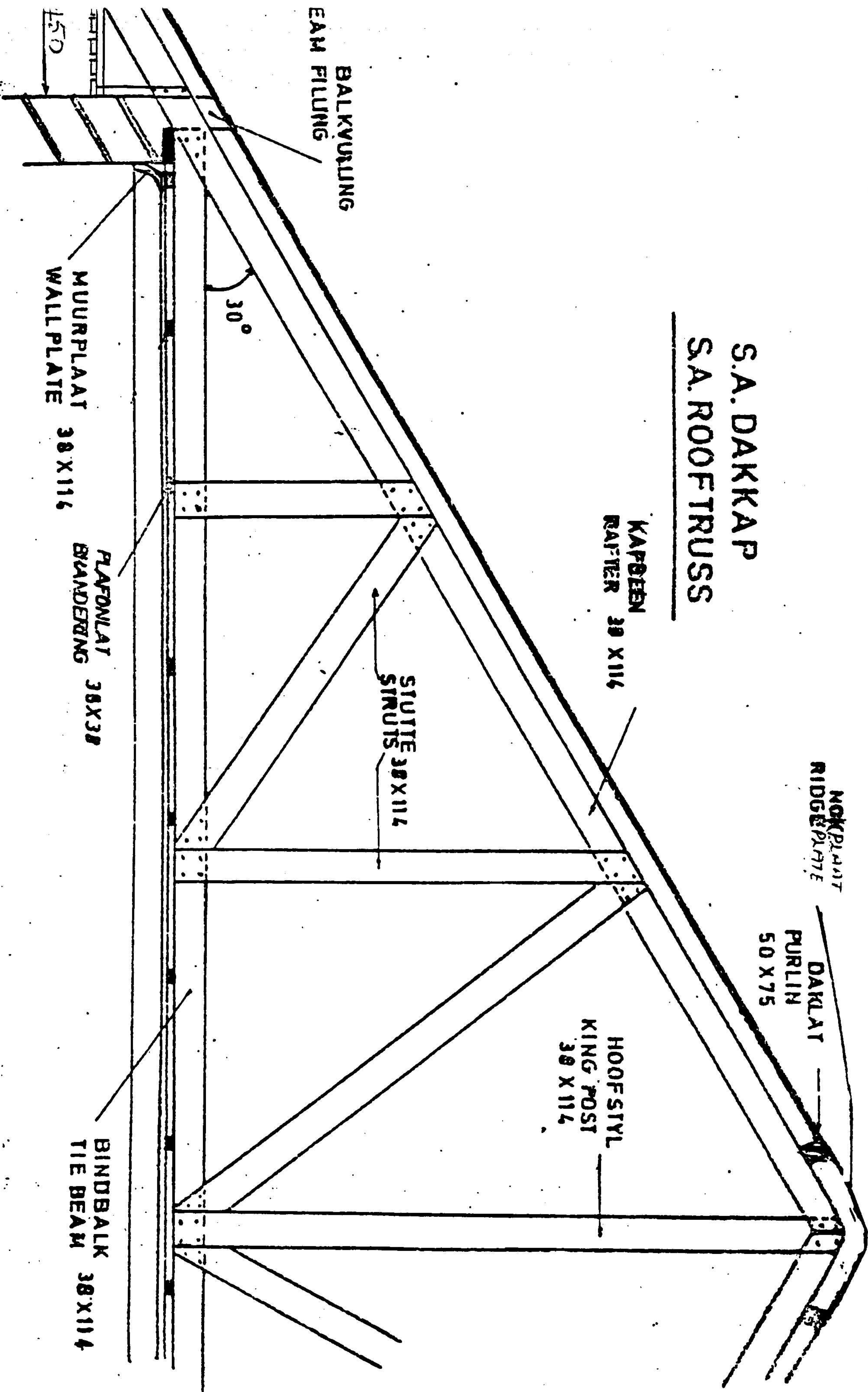
1.	Muur 220mm	1	Wall
2.	Muurplate 110 x38	1	Wall plate
3.	Bindbalk 114 x38	1	Tie beam
4.	Hoofstyl 114 x 38	1	king post
5.	Tussenstyle 114 x 38	1	Intermediate styles
6.	Skuinsstyl 114 x 38	1	Raking styles
7.	Kapbeen 114 x 38	1	Rafter
8.	Daklatte 75 x 50	1	Purlin
9.	Nokplaat	1	Ridge
10.	Plafonlatte 38 x 38	1	Branding
11.	Plafon 6mm	1	Ceiling 6mm
12.	Kroonlys	1	Cornice
13.	Fasie 230 x 38	1	Fascia
14.	Soffietlatte 60 x 20	1	Soffietlatte
15.	Konstruksie – kap	5	Construction - truss
16.	Lynwerk	4	Line work
17.	Byskrifte	5	Captions
18.	Skaal	2	Scale

### Question 4.1

#### Rafter

VRAG 4:1  
QUESTION 4:1

**S.A. DAKKAP**  
**S.A. ROOFTRUSS**



SKAAL 1:20

(30)

Vraag 4.2  
Question 4.2

Snylys.  
Cutting list

Beskrywing	Dikte	Breedte	Lengte	Aantal	Sub	Total
Bind balk	38 mm	115 mm	9 m	1	9m	9
Kapbene	38 mm	115 mm	6,1 m	2	12,2m	24,4
Hoofstyl	38 mm	115 mm	2,8 m	1	2,8m	2,8
Stutte	38 mm	115 mm	1,8 m	2	3,6m	7,2
			0,8 m	2	1,6m	3,2
					47m	(10)

Vraag 5.1

Bekisting van trap

1.	Muur	2
2.	Aantal trappe	1
3.	Trapboom	2
4.	Draers	2
5.	Stutpale	2
6.	Voetplaat	2
7.	Wigpaar	2
8.	Bekisting	2
9.	Stygstut	2
10.	Afmetings	2
11.	Byskrifte	2
12.	Lynwerk	2
13.	Skaal	2
14.	Spalkplaat	2
		<u>2</u>
		(10)

Question 5.1

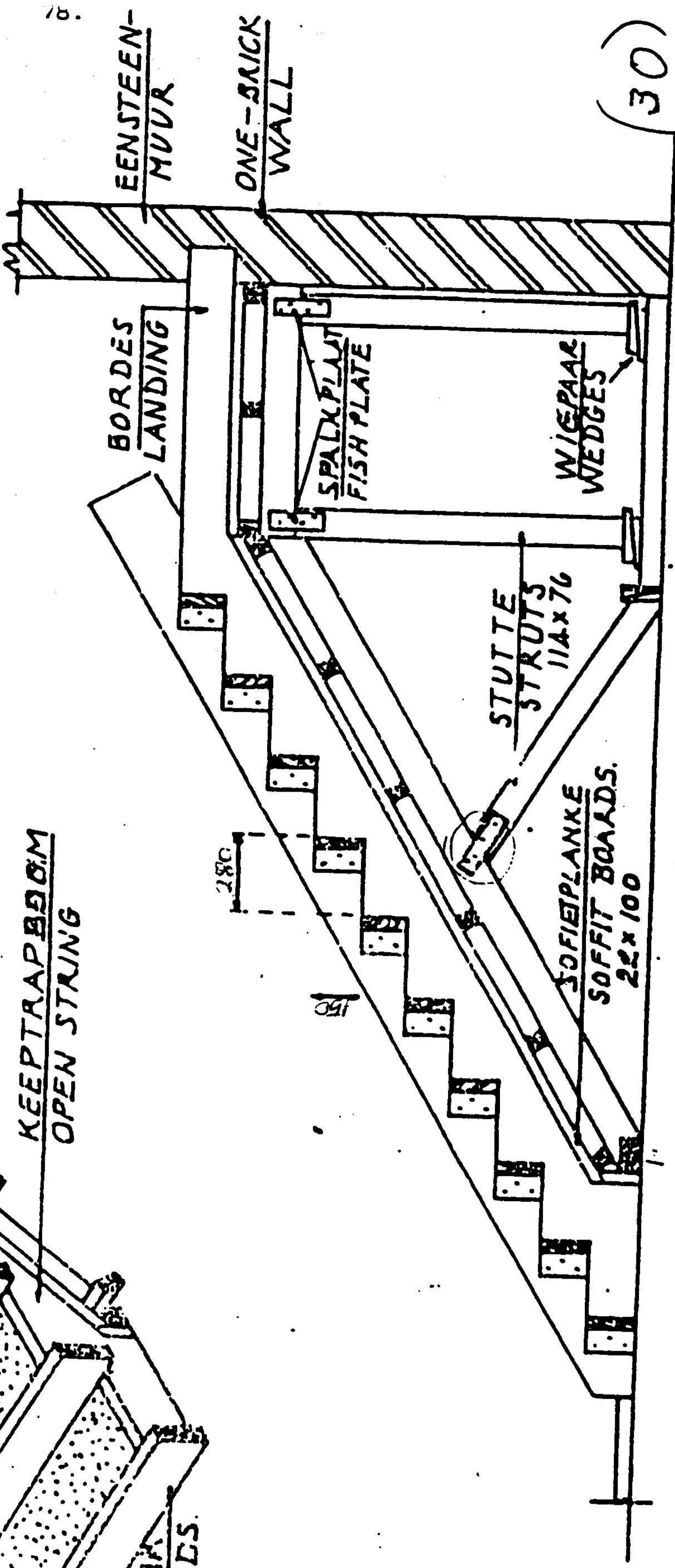
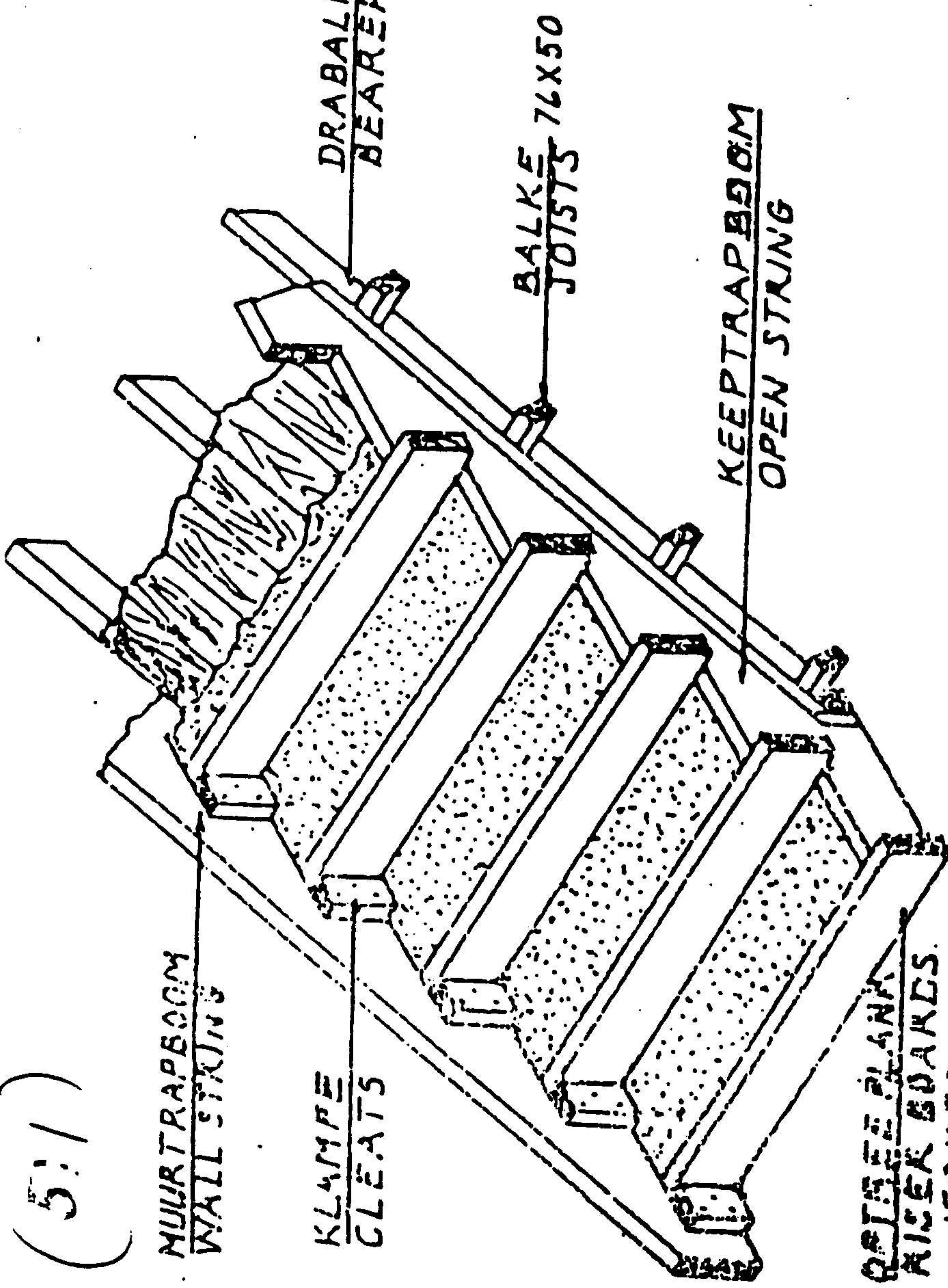
Formwork of stairs

Wall
Amount – stairs
Stringer
Bearers
Struts
Sole plate
Wedges
Shuttering
Riser
Dimensions
Captions
Line work
Scale
Fish plate

(5:1)

BEKISTING VIR N BETONTRAP  
SHUTTERING FOR A STAIR-CASE

SKAAL 1:20  
SCALE 1:20



(30)

Vraag 5.2

Question 5.2

Bekisting vierkantige kolom

Form work square column

1.	Jukke	2	Yokes
2.	Bekisting T + G	2	Shuttering
3.	Boute	1	Bolts
4.	Wie	1	Wedges
5.	Afmetings	1	Dimensions
6.	Byskrifte	2	Captions
7.	Skaal	<u>1</u>	Scale
		10	

Vraag 6.1

Leunskoor

Hierdie tipe skoring word skuins geplaas hoofsaaklik om 'n muur te stut wat tekens in intuimeling soos barste af uitbulting toon oorsake a g v drukking van bo + dak.

(5)

Question 6.1

Raking shore

This type of shoring is used mainly to support a wall that shows signs of cracking as a result of the weight of the roof.

(5)

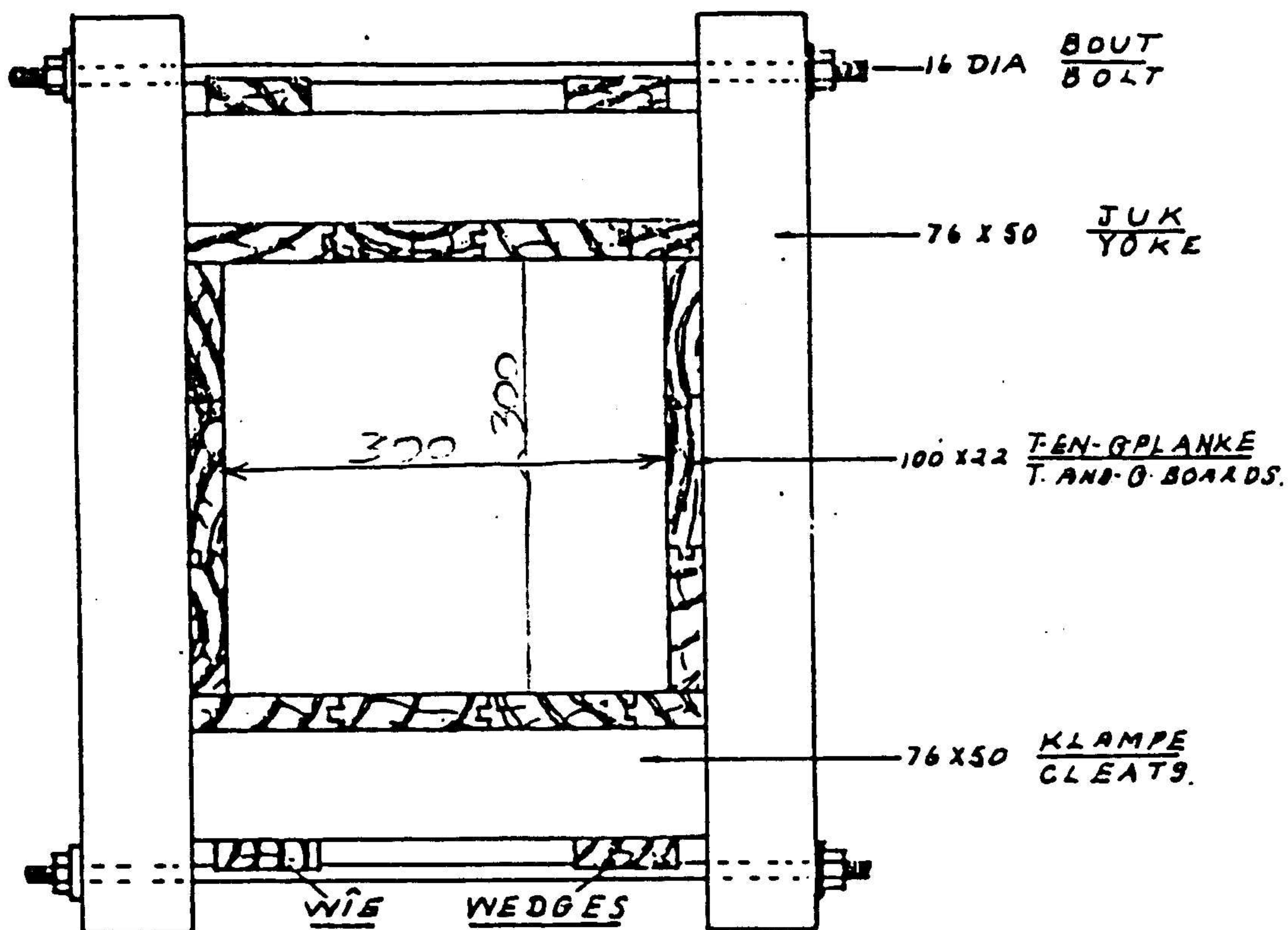
Vraag 6.2

Veiligheidsmaatreels T.O.V. bandsaag.

1. Op koue dae is bandsaaglemme baie bros en moet hulle baie versigtig gehanteer word tot dat hulle warm is.
2. Sporing moet met die hand geskied en nie deur masjien aan te skakel nie.
3. Stel die rugstuk baie versigtig teen die lem voor masjien aangeskakel word.

512

**FIG. 5** BEKISTING VIR REGHØEKIGE KOLOMME SKAAL 1:5  
SHUTTERING FOR RECTANGULAR COLUMNS SCALE 1:5



(10)

4. Stel leistukke asook die hoogte van die boonste leistukke volgens die dikte van hout .
5. Skakel masjien dadelik af as die lem begin spring of as 'n gestamp gehoor word.
6. Wanner masjien nie gebruik word nie, moet die spanning van lem verslap word. Bring bord aan "Slap lem" (5)

### Question 6.2

#### Bandsaw

1. On an cold day the bandsaw blade will be very brittle. Care must be taken until warmed up.
2. Guides must be set by hand and not by switching on .
3. Adjust the ballbearing blade support carefully against the blade before switch on the machine .
4. Set adjusting guards to the thickness of the wood.
5. Switch off the machine immediately if the blade starts to vibrate.
6. When machine is not in use the blade must be relaxed. (5)

### Vraag 6.3

#### Question 6.3

#### Slypwiël / Grinder

1. Make use of a shield for the eyes or adjust the eyeshield of the grinder if it has one.

Gebruik skerms vir die oe of verstel die oogskerm van die slyper indien dit met een toegerus is.

2. Make sure that the workplat form is 2 mm from the wheel and that it is aligned to the wheel .



- Maak seker dat die werkrus 2mm van die wiel en haaks daarmee is.
3. Before you start the grinder, stand back, switch it on and let it run free for a while .

Voordat u begin slyp, staan terug skakel aan en laat die wiel vry loop

4. If it is not balanced, set it so that it can run freely.

Indien balans uit is, stel die wiel sodat dit suiwer loop.

5. Place the object against the wheel evenly without bumps or jukes.

Plaas die voorwerp sonder stampe of skokke teen die wiel.

6. Only grind on the front of the wheel and not on the side or back.

Slyp slegs aan die voorkant van die wiel, nie aan die kant of agter nie.

7. Do not force the grinding so that the wheel slows down or even stops.

Moet nooit slypwerk forseer sodat die motor se spoed verminder of tot stilstand kom nie.

8. Protect the wheel when not in use. Put in save place if removed from the grinder.

Beskerm die wiel indien dit nie gebruik word nie. Bere veilig as die wiel van die slypmasjien verwyder word.

(5)

Vraag 6.4

Question 6.4

Grading van construction material

Gradering van konstruksiehout

Visuele sterkte graad 4 ; V4

Meganiese sterktegraad 4 ; M4

Konstruksie hout moet minstens 'n sterkte graad van 4 he.

Visual strength V4

Mechanical strength M4

Construction material must be at least 4  
Vraag 6.5

(5)

Swaelstertlas

1.	Voorste reling 80 x 20	3
2.	Syreel 80 x 12	2
3.	Blindeswaalstert	5
4.	Konstruksie	5
5.	Lyn werk	<u>5</u>
		20

Question 6.5

Dovetail joint

Front rail
Side rail
Blind dove tail
Construction
Line work

Vraag 7.1

Question 7.1

Ronde tafel

1.	Blad	2
2.	Duimlys	2
3.	Oorhang	2
4.	Gedraaide poot	2
5.	Opgeboude reling 75mm	2
6.	3mm laag hout	2
7.	Vluel pote (3)	2
8.	Hoogte 760mm	2
9.	Konstruksie	2
10.	Naam	<u>2</u>
		(20)

Round table

Top
Thumb mould
Overhang
Turn pedestal leg
Build up rail
3mm plywood
Legs
Hight 760mm
Construction
Name

Vraag 7.2

Question 7.2

Vertikale snit van reling + blad

1.	Opgeboude reling	2
2.	Blad	2
3.	Laaghout	2
4.	Duimlys	2
5.	Hegtingsmetode	2
6.	Konstruksie	5
7.	Naam	2
8.	Skaal	1
9.	Byskrifte	<u>2</u>
		(20)

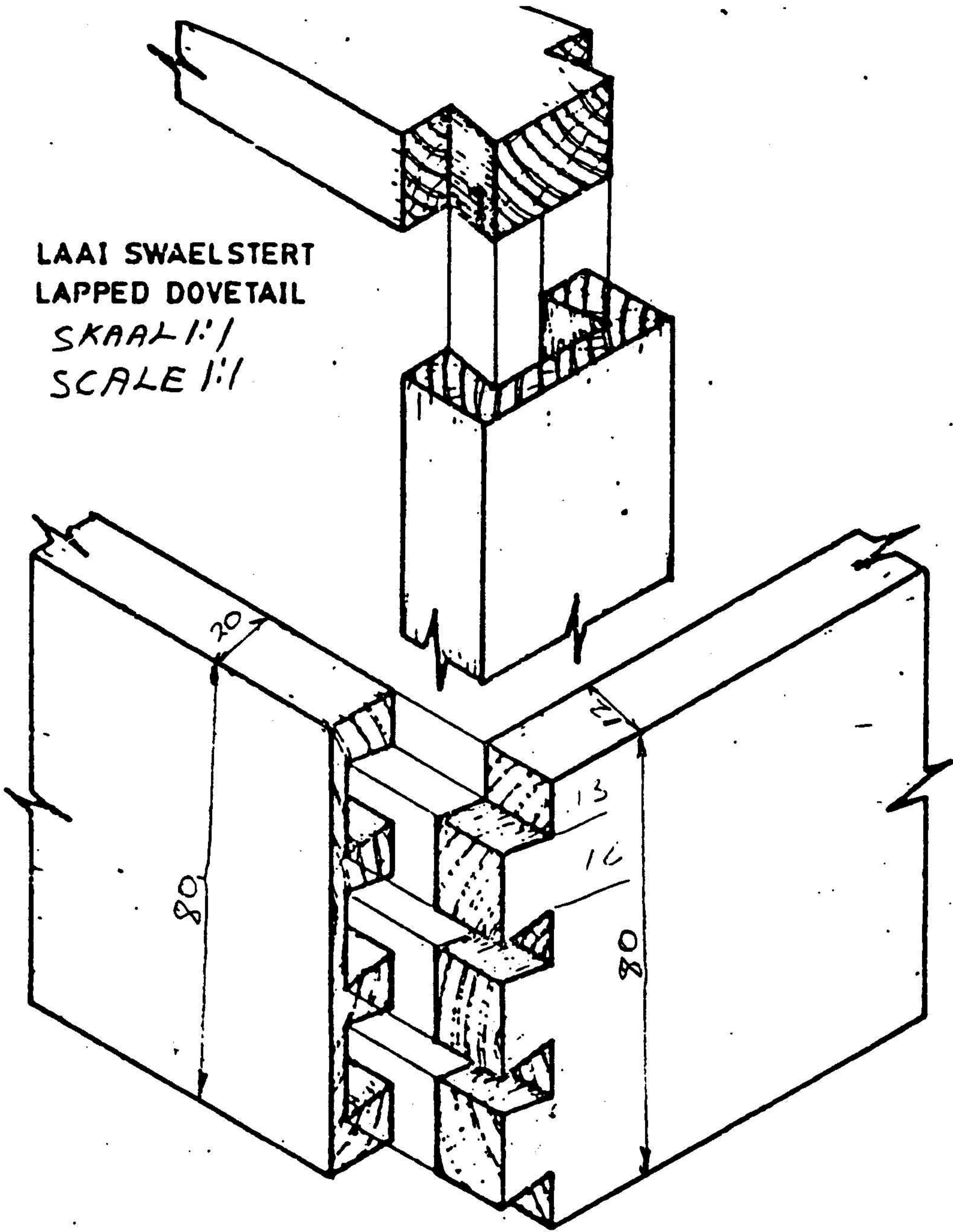
Vertical section through  
Rail + top

Build up rail
Top
Plywood
Thumb mould
Assembling
Construction
Name
Scale
Captions

Total 200

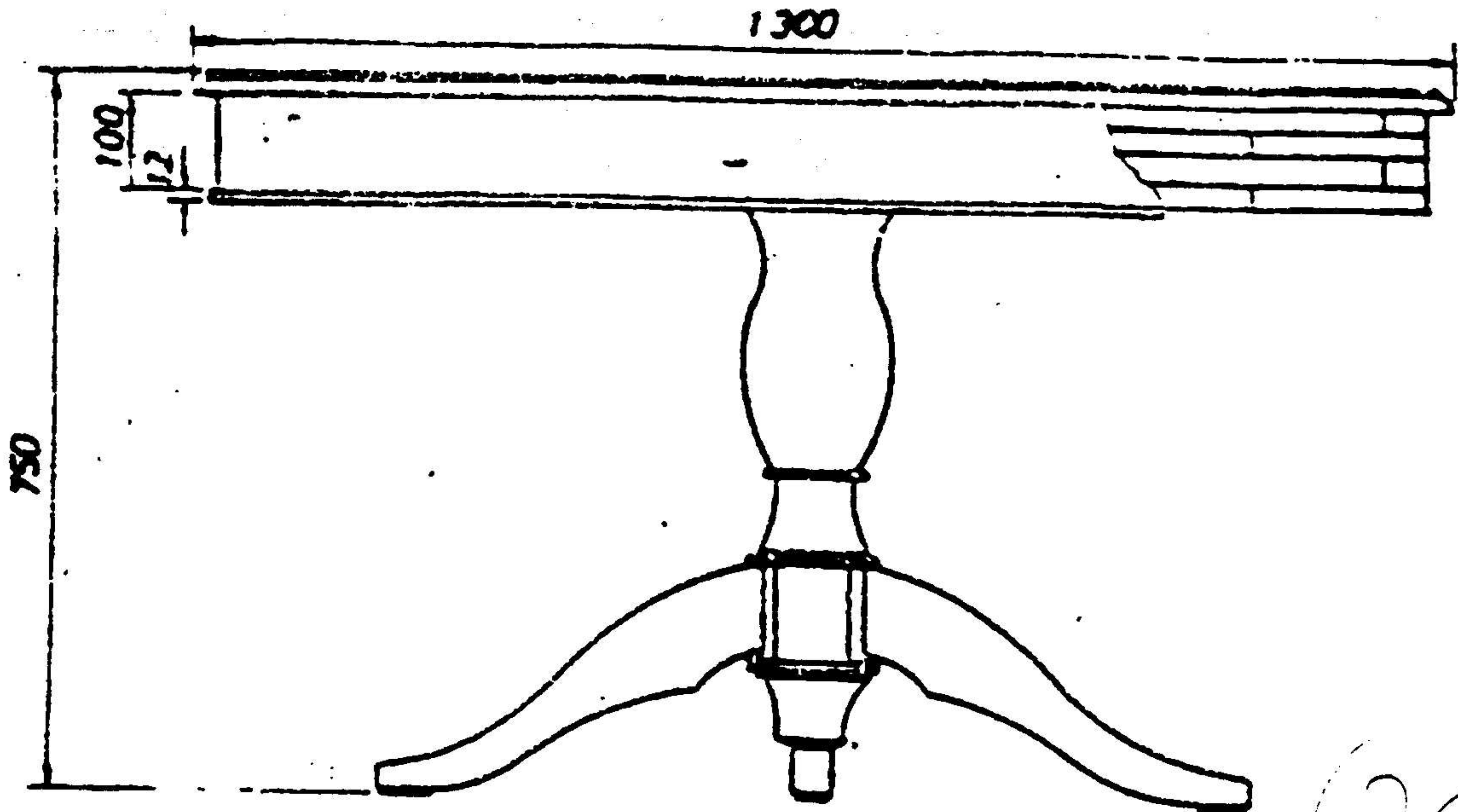
6:5

LAAL SWAELSTERT  
LAPPED DOVETAIL  
SKAAL 1:1  
SCALE 1:1



(20)

7:1

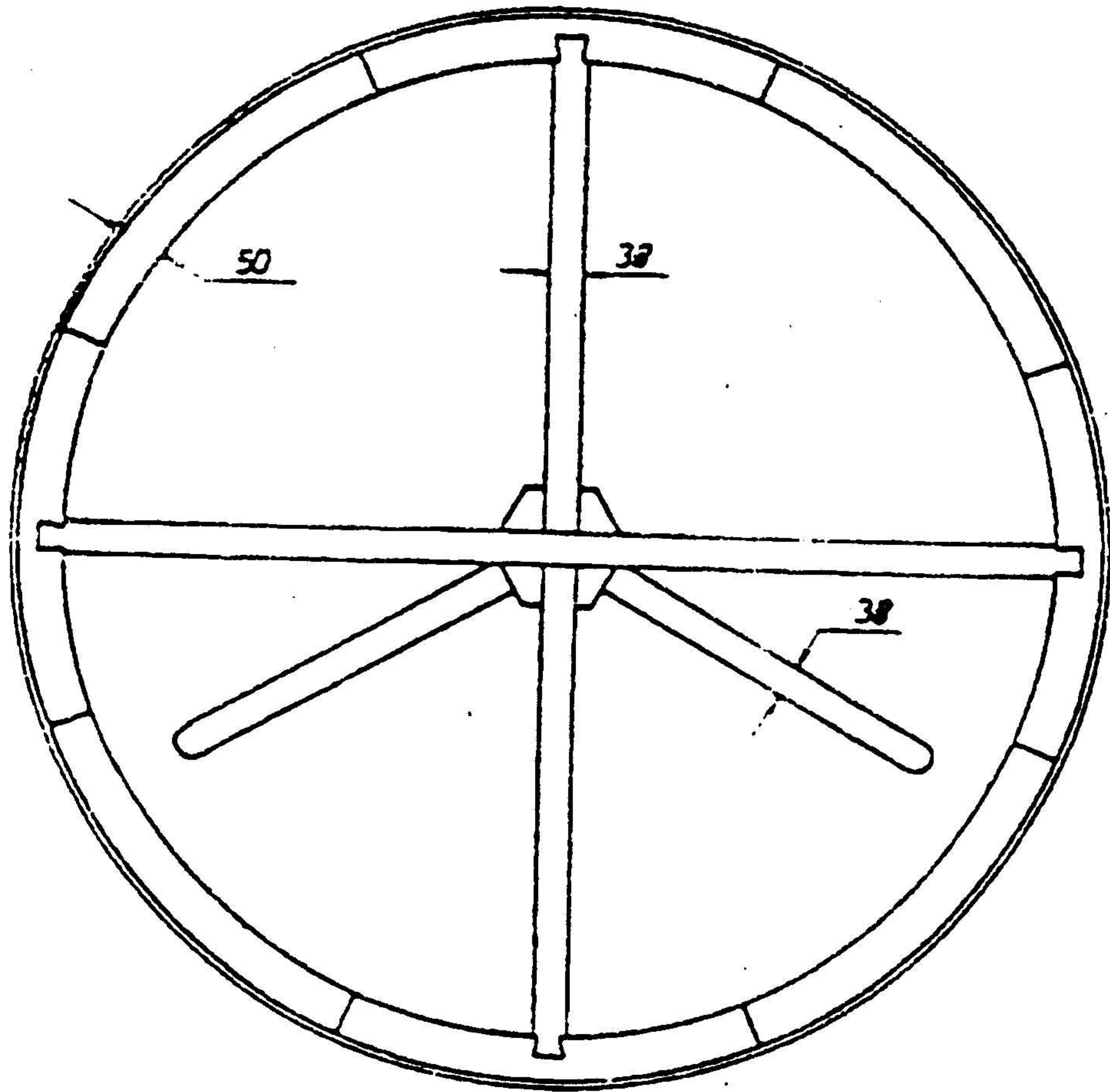


VOORAANSIG

(20)

KRUISRELING  
38 x 75

LAASHOUT



BO AANSIG SONDER BLAD

RONDE TAFEL

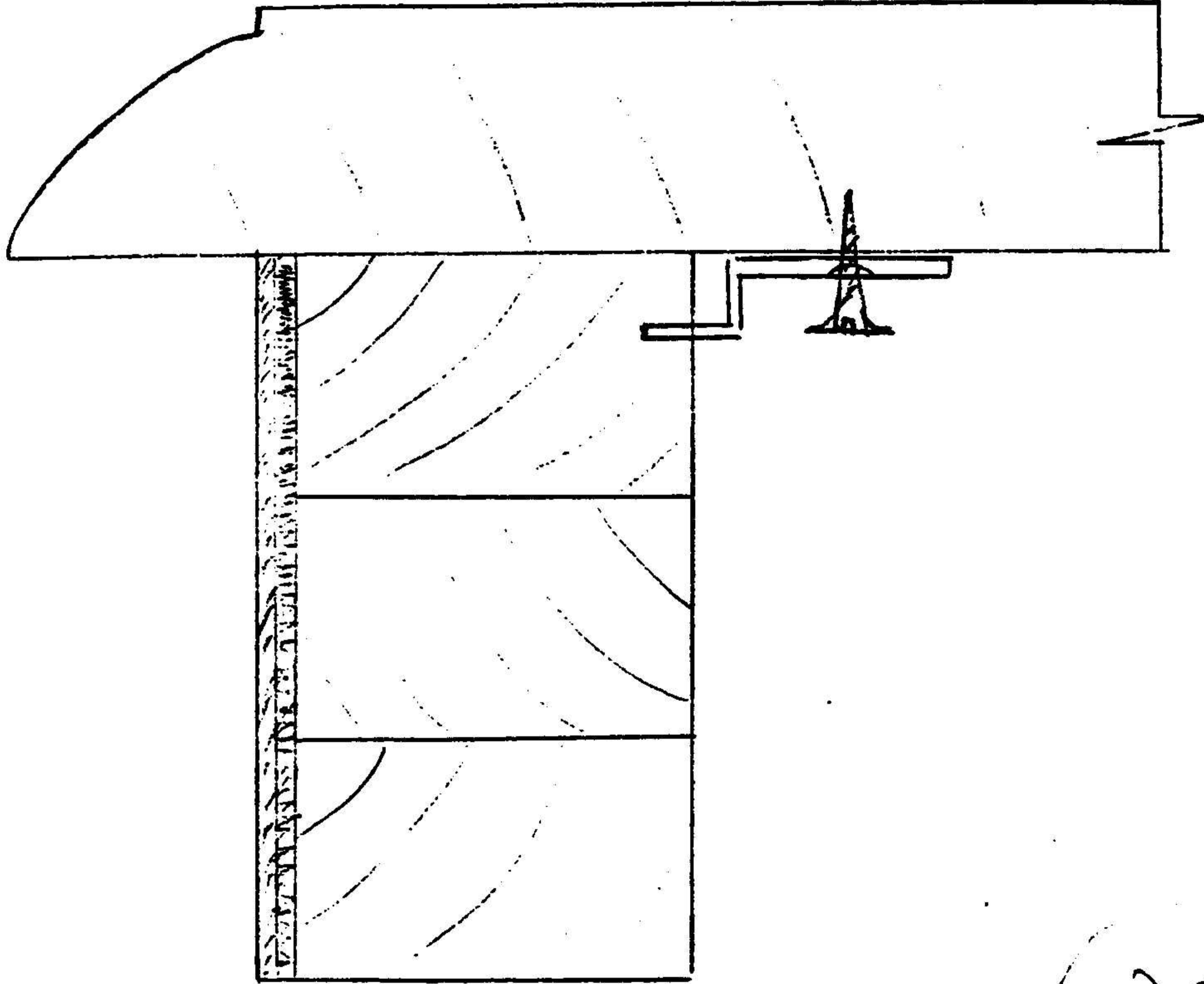
ROUND TABLE

SKAAL  
SCALE / 1:10

(0)

7:2

VERTIKALE SNIT VAN BLAD  
VERTICLE SECTION OF TOP



(20)