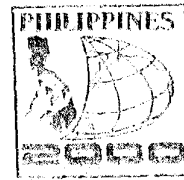




REPUBLIKA NG PILIPINAS
 REPUBLIC OF THE PHILIPPINES
KAGAWARAN NG EDUKASYON, KULTURA AT ISPORTS
 DEPARTMENT OF EDUCATION, CULTURE AND SPORTS
 UL Complex, Meralco Avenue
 Pasig, Metro Manila



*Sama-Sama
 sa DECS*

September 15, 1998

DECS ORDER
 No. 86, s. 1998

**CABINET DESIGN FOR DECS-NSTIC-DEVELOPED
 SCIENCE EQUIPMENT**

To: **Regional Directors**
Bureau/Center/Service Directors
Schools Superintendents

1. The National Science Teaching Instrumentation Center (NSTIC), in accordance with its mandate as stipulated in Executive Order No. 112, "to prototype science equipment for the country's secondary schools," to date has produced prototypes of basic science equipment (Batch "A") as well as of equipment for Physics Mechanics (Batch "B"). Of these equipment, 1,651 sets have been mass-produced and distributed to selected recipient-schools in the regions.
2. Feedback, however, have indicated that the aforementioned science equipment sets have not been properly stored for lack of cabinets in the schools. The sets of equipment are being returned to their boxes after use by the students and placed in inappropriate places.
3. In order to address this problem, the design of a cabinet (see attachments) is inclosed for the NSTIC equipment Batch "A" and other batches of equipment that may follow or of other science equipment from other sources.
4. With the end in view of providing proper and safe storage for the sets of science equipment to lengthen their serviceable life and to prevent damages, recipient-schools are therefore requested to source funds for the construction of this cabinet either from donations of the PTA and other organizations or from the division offices and school boards.
5. Immediate and wide dissemination of this Order is directed.

Andrew Gonzalez
 ANDREW GONZALEZ, FSC
 Secretary

Incls.:

As stated

Reference:

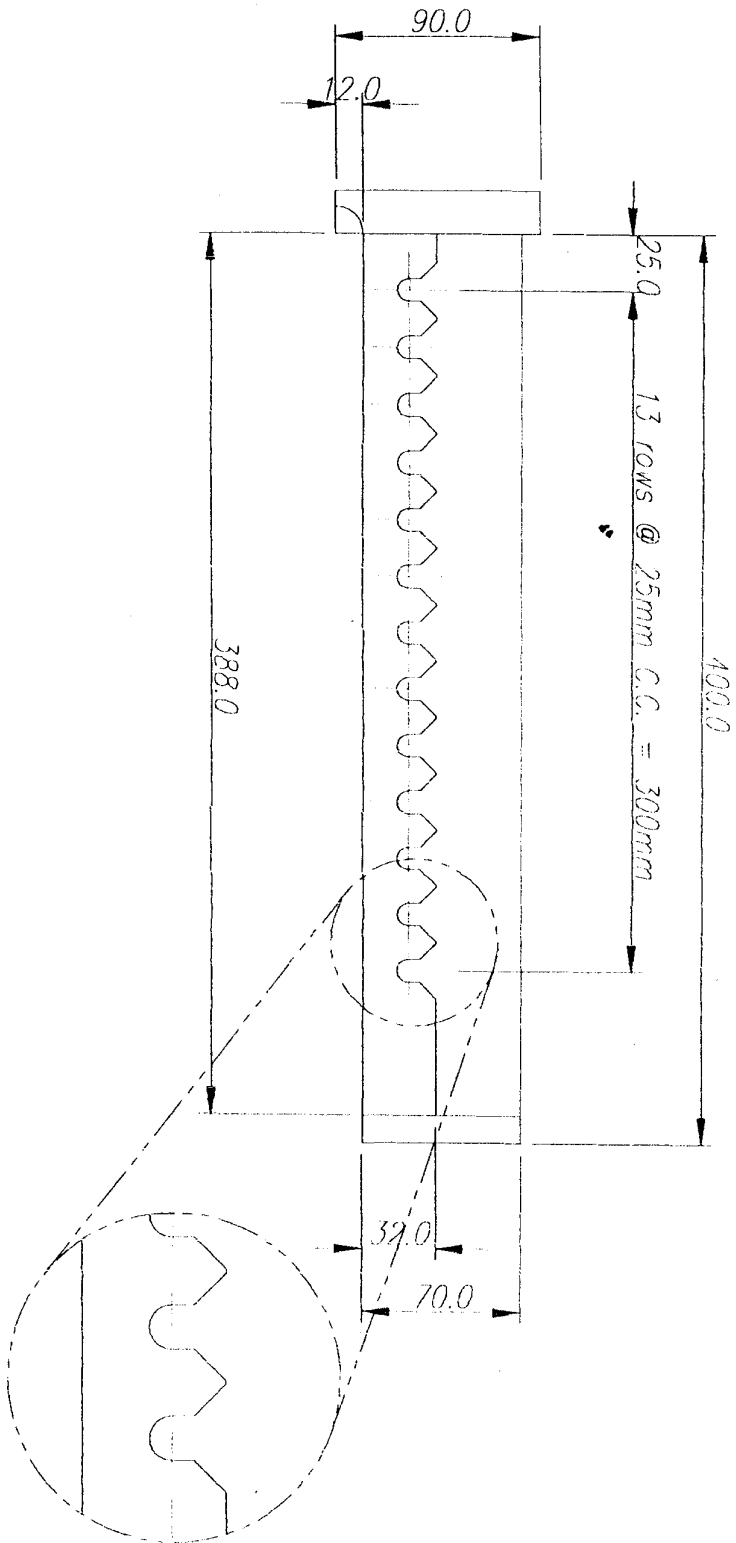
None

Allotment: 1—(D.O. 50-97)

To be indicated in the Perpetual Index
under the following subjects:

EQUIPMENT

SCIENCE EDUCATION




TOLERANCES FOR LENGTH GAUGING					
Over	Over	Over	Over	Over	Over
Quantity	Quantity	Quantity	Quantity	Quantity	Quantity
0.5 to 3	3 to 6	6 to 30	30 to 120	120 to 400	
± 0.10	± 0.10	± 0.20	± 0.30	± 0.50	

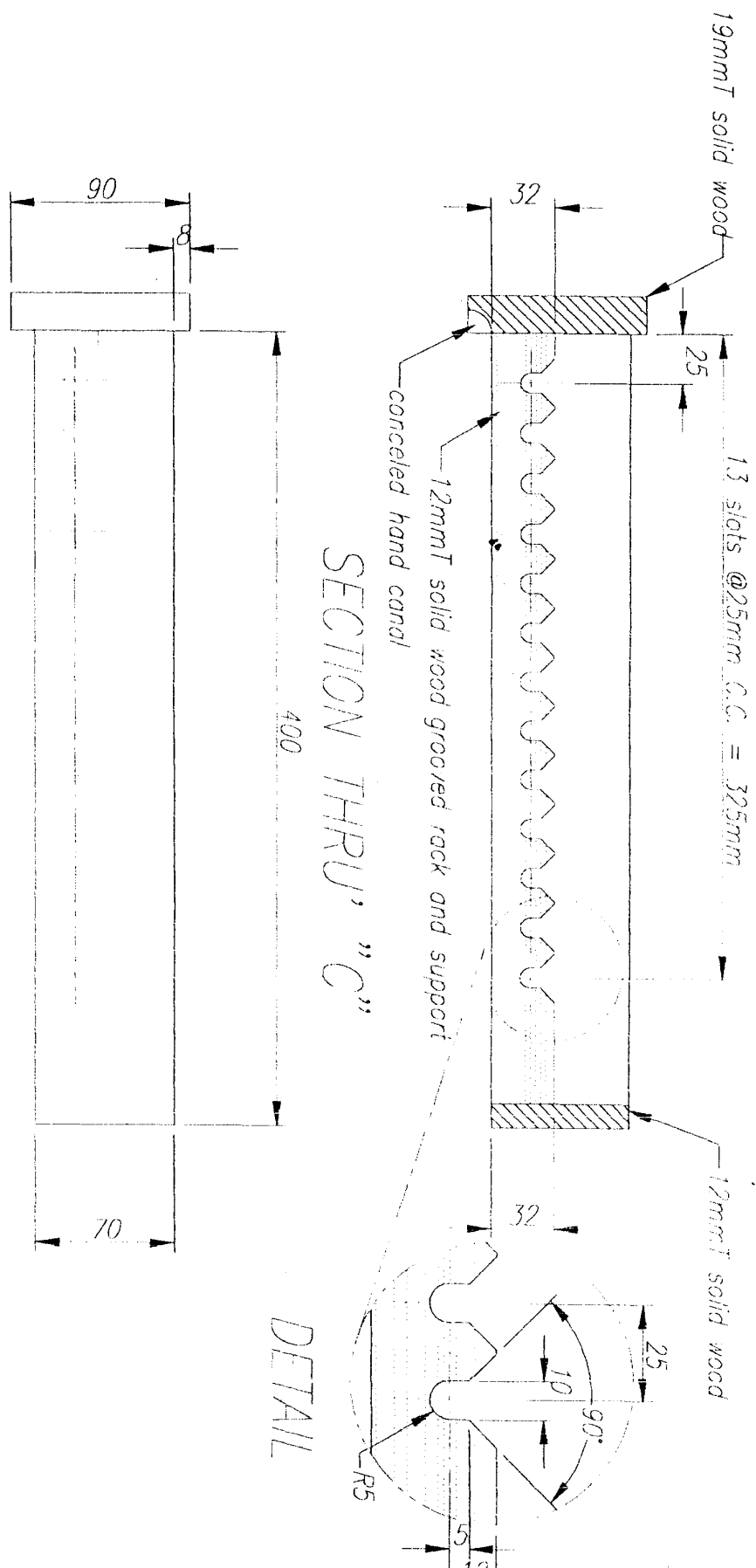
TOLERANCES FOR RADII AND CHAMFER					
Over	Over	Over	Over	Over	Over
Quantity	Quantity	Quantity	Quantity	Quantity	Quantity
0.5 to 3	3 to 6	6 to 30	30 to 120	120 to 400	
± 0.50	± 0.50	± 1.00	± 2.00	± 2.00	

Revision	Description	Date	Name

Approved:	M.A. Vano
Checked:	K.H. Neri
Drawn:	Nicolas
Date:	19 97


NSTIC
 NCS-CENTER Center, Sudan
 Darfur, 6800 Darfur City
 Sudan

Title	STAND RODS STORAGE RACK
Drawn by	
Scale	
Sheet No.	
Rev. Name	
ACA	



VIEW THRU "B"

DETAIL

TOLERANCES FOR LENGTH GAUGING		TOLERANCES FOR RADIUS AND CHAMFER	
Grade	Maximal Size	Over	Over
0.5 to 3	± 0.10	3 to 6	± 0.20
3 to 6	± 0.10	6 to 20	± 0.20
6 to 20	± 0.10	20 to 120	± 0.20
20 to 120	± 0.10	120 to 400	± 0.20

Approved: A.A. Yano	Record: R.C. La Rosa
Checked: R.H. Meri	Drawn: nicolais
Date: 10-9-77	Date: 09-12

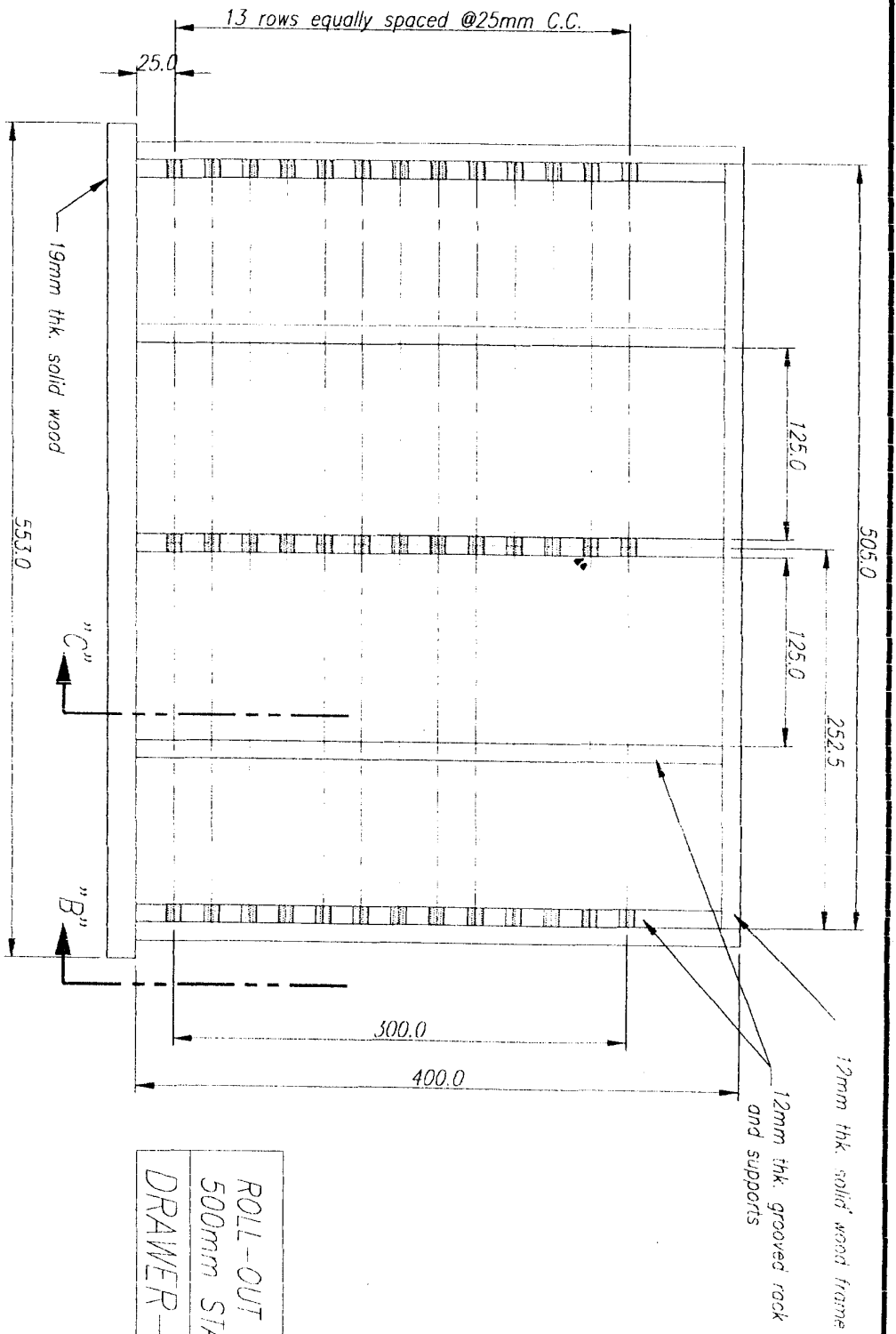
NSSTIC
 DECS-CENTRAL CONC. SECTION
 Ling, 8000 Calm City

Title: STAND RODS STORAGE RACK
 TYPICAL DETAIL OF DRAWER-1
 AND DRAWER-2

Scale: 3:1

Sheet No: AC

Rev. No: STC



ROLL-OUT DRAWER FOR
500mm STAND RODS
DRAWER-1

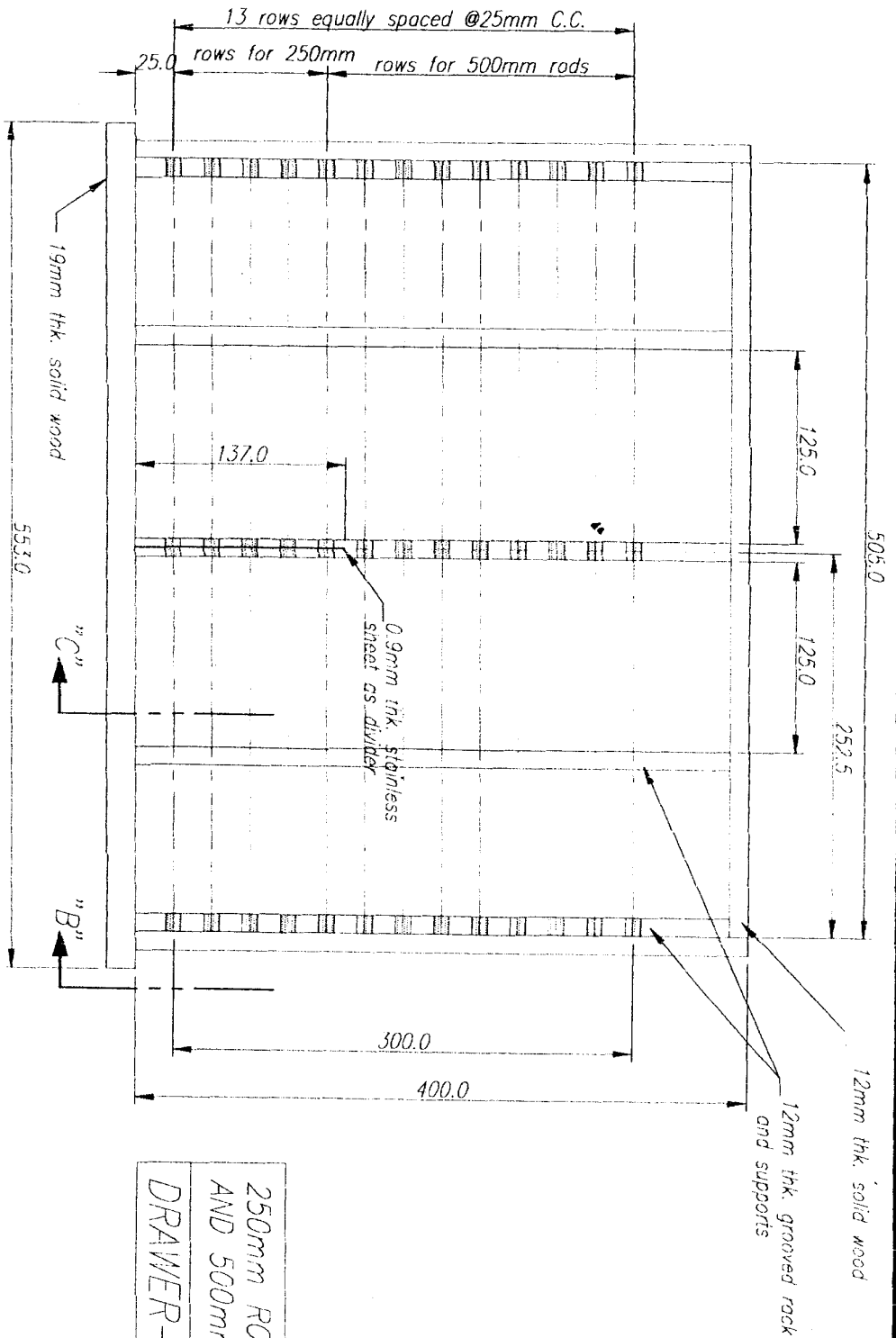
TOLERANCES FOR LENGTH GAUGING					
Grade	Nominal Size	Over	Over	Over	Over
AS200A	0.5 to 3	± 0.10	± 0.10	± 0.20	± 0.50
AS200B	3 to 6	± 0.10	± 0.20	± 0.30	± 0.50
AS200C	6 to 20	± 0.20	± 0.30	± 0.50	± 0.50
AS200D	20 to 120	± 0.30	± 0.50	± 0.50	± 0.50
AS200E	120 to 400	± 0.50	± 0.50	± 0.50	± 0.50

TOLERANCES FOR RADIUS AND CHAMFER					
Grade	Nominal Size	Over	Over	Over	Over
AS200A	0.5 to 3	± 0.10	± 0.10	± 0.20	± 0.50
AS200B	3 to 6	± 0.10	± 0.20	± 0.30	± 0.50
AS200C	6 to 20	± 0.20	± 0.30	± 0.50	± 0.50
AS200D	20 to 120	± 0.30	± 0.50	± 0.50	± 0.50
AS200E	120 to 400	± 0.50	± 0.50	± 0.50	± 0.50

Revision	Date	By	Description

Approved:	A. A. Vento
Checked:	R. H. Neri
Drawn:	Nicolas
Date:	16-11-97

NSITIC	NSITIC
1005-EDUCED Center Station	1005-EDUCED Center Station
Lagos, 6005 Odey City	Lagos, 6005 Odey City
Phone: 01-234-5678	Phone: 01-234-5678



250mm RODS
AND 500mm RODS
DRAWER-2

TOLERANCES FOR LENGTH GAUGING											
Over	Normal	Over	Over	Over	Over	Over	Over	Over	Over	Over	Over
Accuracy	Size	Accuracy	Size	Accuracy	Size	Accuracy	Size	Accuracy	Size	Accuracy	Size
±0.10	0.5 to 3	±0.10	3 to 6	±0.20	6 to 30	±0.30	30 to 120	±0.50	120 to 600	±0.50	6 to 30
±0.10	0.5 to 3	±0.10	3 to 6	±0.20	6 to 30	±0.30	30 to 120	±0.50	120 to 600	±0.50	6 to 30

TOLERANCES FOR RADIUS AND CHAMFER											
Over	Normal	Over	Over	Over	Over	Over	Over	Over	Over	Over	Over
Accuracy	Size	Accuracy	Size	Accuracy	Size	Accuracy	Size	Accuracy	Size	Accuracy	Size
±0.20	0.5 to 3	±0.50	3 to 6	±1.00	6 to 30	±1.00	30 to 120	±2.00	120 to 600	±0.20	0.5 to 3
±0.20	0.5 to 3	±0.50	3 to 6	±1.00	6 to 30	±1.00	30 to 120	±2.00	120 to 600	±0.20	0.5 to 3

Approved: A.A. Yano
 Checked: R.C. La Rosa
 Drawn: R.H. Neri
 Date: 16-11-19 97
 Name: NICOLAS

NSITIC
 N.S. Institute of Science and Technology
 Laguna, 5000 Cebu City, Philippines

Title: STAND RODS STORAGE RACK

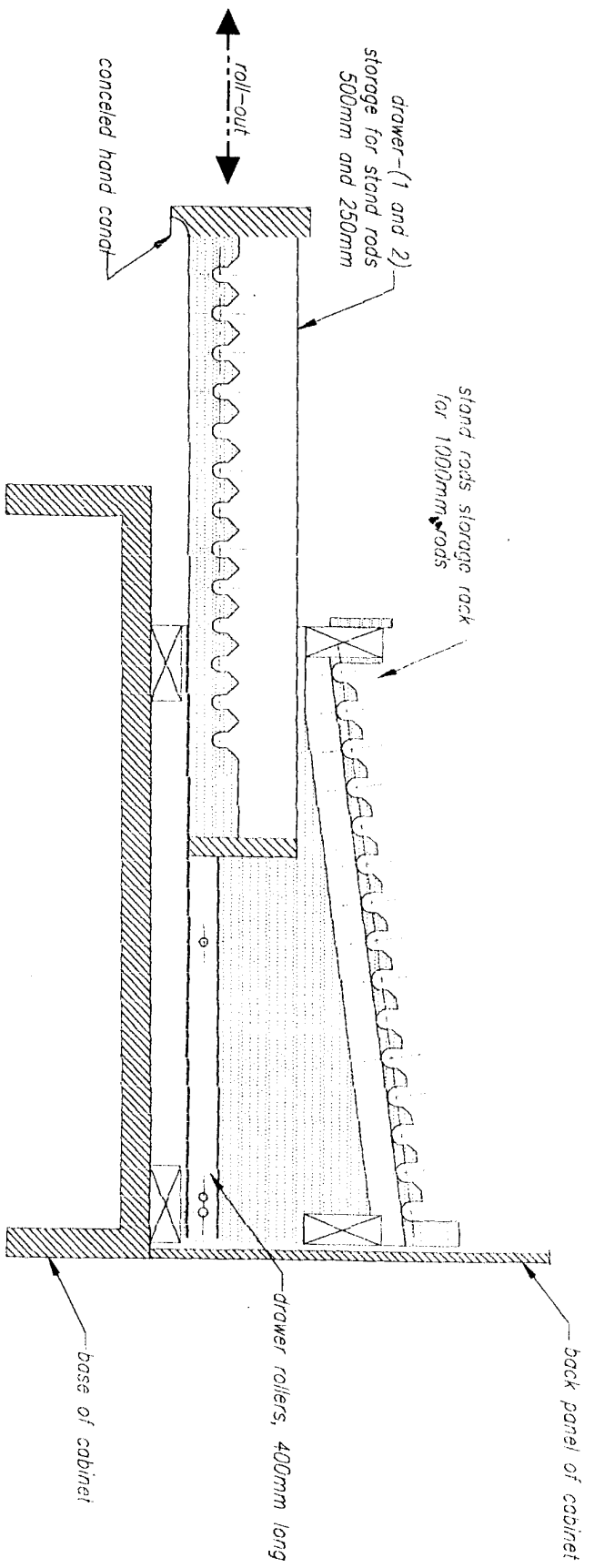
Part No. _____

Scale: _____

Sheet No. _____

Rev. _____

AC



PLACEMENT OF STAND RODS STORAGE RACK
AT STORAGE CABINET ON SECTIONAL VIEW

Grade	Normal Size	Over	Over	Over	Over
Accuracy	± 0.10	± 0.10	± 0.20	± 0.30	± 0.50

Grade	Normal Size	Over	Over	Over	Over
Accuracy	± 0.20	± 0.30	± 0.50	± 1.00	± 2.00

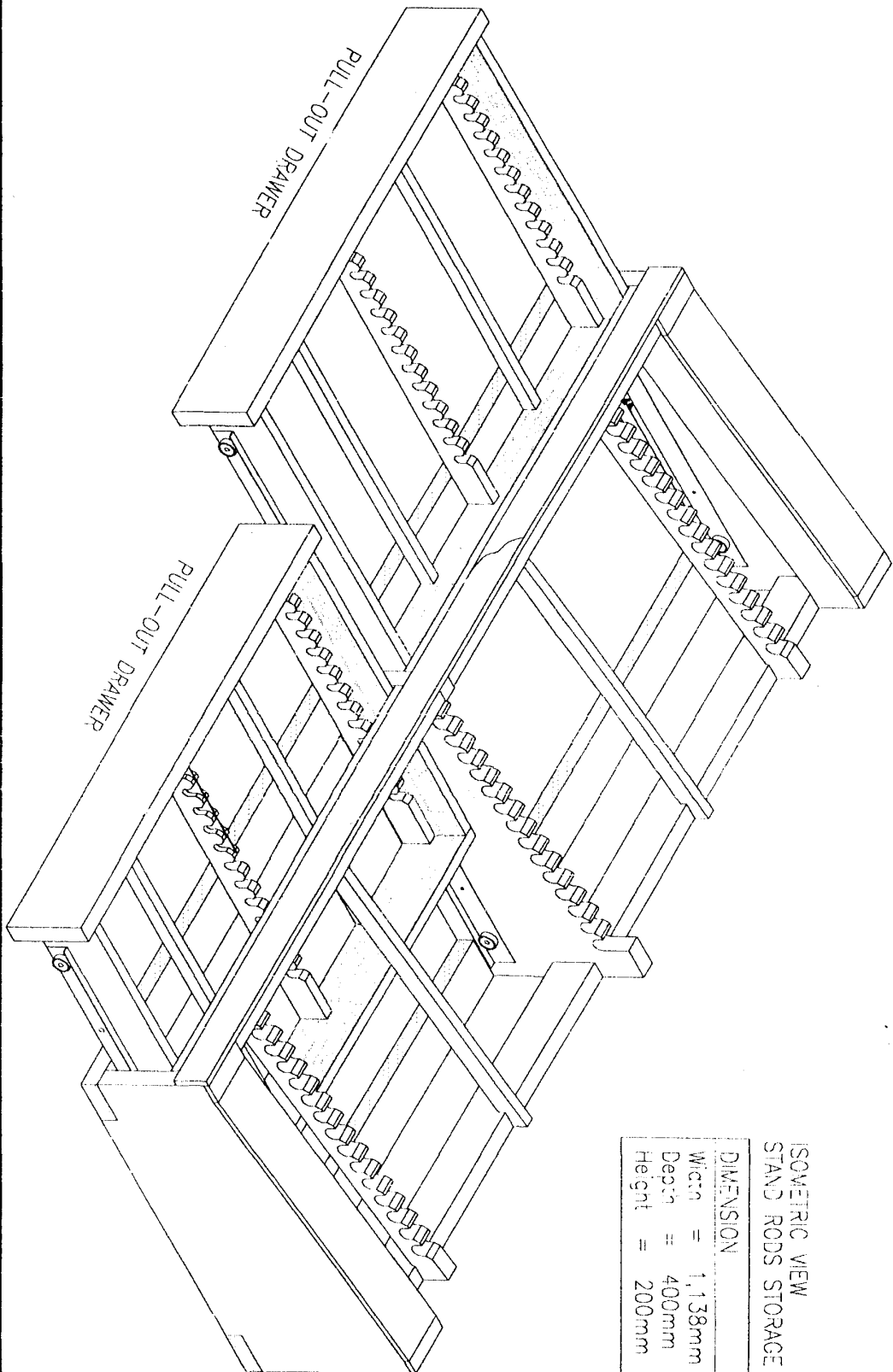
Grade	Normal Size	Over	Over	Over	Over
Accuracy	± 0.20	± 0.30	± 0.50	± 1.00	± 2.00

Reason	Description	Date	Name

Approved: <i>A.A. Vano</i>	Checked: <i>R.C. La Rosa</i>	Date: _____
Drawn: <i>nicolas</i>	Checked: <i>R.H. Neri</i>	Date: _____
19 97	Drawn: <i>nicolas</i>	Date: _____

NSPIC NATIONAL SCIENTIFIC PHYSICS CENTER Laguna, 8000 Cebu City Philippines	Drawn No. _____
NSPIC	Part No. _____

STAND RODS STORAGE RACK




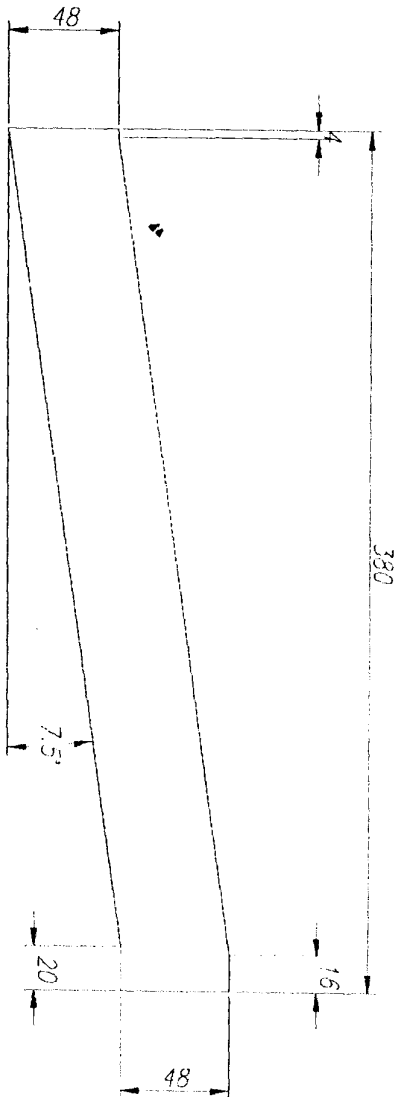
ISOMETRIC VIEW
STAND RODS STORAGE RACK

DIMENSION	
Width =	1,138mm
Depth =	400mm
Height =	200mm

TOLERANCES FOR LENGTH GAUGING		Over	Over	Over	Over
Grade Accuracy	0.5 to 3	3 to 6	6 to 30	30 to 120	120 to 400
MINIMUM	± 0.10	± 0.10	± 0.20	± 0.30	± 0.50
TOLERANCES FOR RADIUS AND CHAMFER		Over	Over	Over	Over
Grade Accuracy	0.5 to 3	3 to 6	6 to 30	30 to 120	120 to 400
MINIMUM	± 0.10	± 0.10	± 0.20	± 0.30	± 0.50

Approved	A.A. Yano	Date	15-12
Record	R.C. La Rosa	Drawn	Nicolas
Checked	R.H. Neri	Scale	1:1
Drawn	Nicolas	Sheet	7:
Date	19 97	Job No.	

 NSTIC 1825-12310th Calle, Suva Laue, Suva City		Title STAND RODS STORAGE RACK Material: K.D. Tongtulle Wood Board
Drawing No.	Sheet	Job No.




SUPPORT - F DETAIL
 Material: 6mm thk Marine Plywood

TOLERANCES FOR LENGTH GAUGING		Over		Over		Over		Over	
Grade	Material Size	3 in 3	3 in 6	6 in 30	30 in 120	120 in 480	3 in 3	3 in 6	6 in 30
General Accuracy	± 0.10	± 0.10	± 0.20	± 0.50	± 0.50	± 0.50	± 0.50	± 0.50	± 0.50

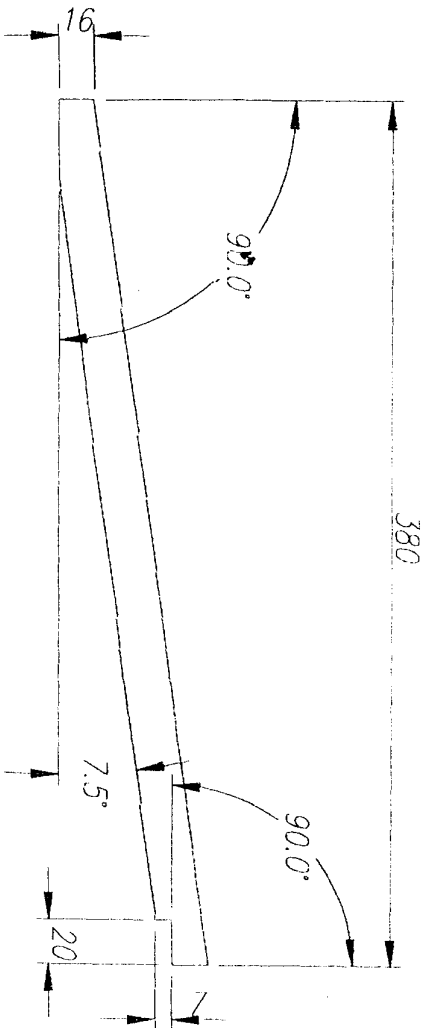
TOLERANCES FOR RADIUS AND CHAMFER		Over		Over		Over	
Grade	Material Size	3 in 3	3 in 6	6 in 30	30 in 120	120 in 480	30 in 120
General Accuracy	± 0.20	± 0.50	± 1.00	± 1.00	± 1.00	± 1.00	± 1.00

Revision	Description	Date	Name

Approved: A.A. Yano	Date: 16-12-19 97
Checked: R.C. La Rosa	Name: nicolas
Drafted: R.H. Neri	Date: 16-12-19 97


NSTIC
 NCS-1010101 Center, Subin
 Laguna, 6000 Cebu City
 Philippines

Title: STAND RODS STORAGE RACK
 Drawing No.:
 Part No.:



SUPPORT - C DETAIL
 Material: from 12 x 20mm Solid Tonguile wood

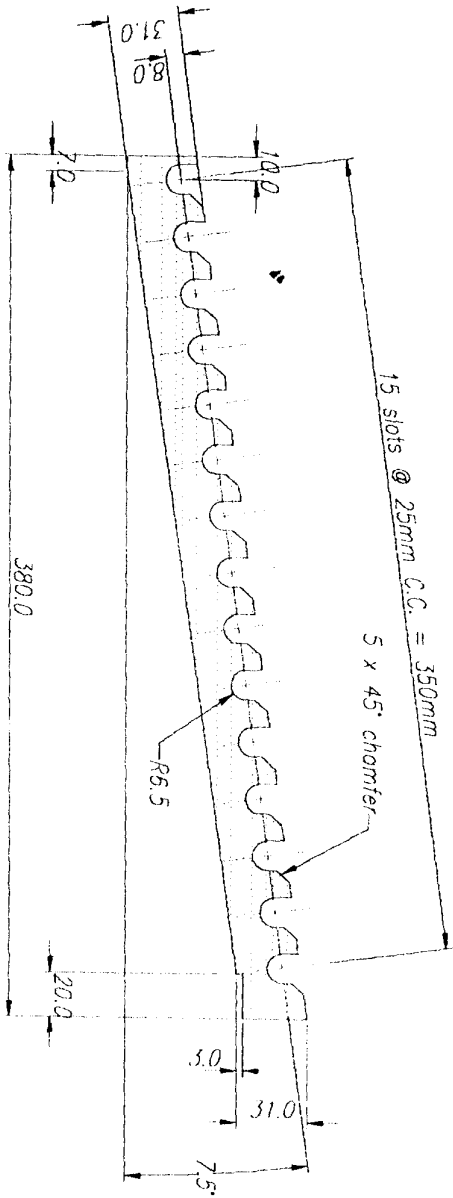
Grade	Number of	Over	Over	Over	Over	Over
Size	WORMS	3 to 6	6 to 30	30 to 120	120 to 400	
0.5 to 1	± 0.10	± 0.10	± 0.20	± 0.30	± 0.50	
1 to 3	± 0.10	± 0.10	± 0.20	± 0.30	± 0.50	
3 to 6	± 0.10	± 0.10	± 0.20	± 0.30	± 0.50	
6 to 30	± 0.10	± 0.10	± 0.20	± 0.30	± 0.50	
30 to 120	± 0.10	± 0.10	± 0.20	± 0.30	± 0.50	
120 to 400	± 0.10	± 0.10	± 0.20	± 0.30	± 0.50	

Grade	Number of	Over	Over	Over	Over	Over
Size	WORMS	3 to 6	6 to 30	30 to 120	120 to 400	
0.5 to 1	± 0.10	± 0.10	± 0.20	± 0.30	± 0.50	
1 to 3	± 0.10	± 0.10	± 0.20	± 0.30	± 0.50	
3 to 6	± 0.10	± 0.10	± 0.20	± 0.30	± 0.50	
6 to 30	± 0.10	± 0.10	± 0.20	± 0.30	± 0.50	
30 to 120	± 0.10	± 0.10	± 0.20	± 0.30	± 0.50	
120 to 400	± 0.10	± 0.10	± 0.20	± 0.30	± 0.50	

Approved: A.A. Vano	Checked: R.C. La Rosa	Drawn: nicolas	Date: 10-97
Author: R.C. La Rosa	Checked: R.H. Mair	Drawn: nicolas	Date: 10-97

NSI/STIC	KCS-COTTON CENTER, SUDBURY	16500
16500	16500	16500

STAND RODS STORAGE RACK	Scale: 3/8"
Part No.	Sheet: 5




SUPPORT - F DETAIL
 Material: from 20 x 32mm solid tongueless wood

TOLERANCES FOR LENGTH GAUGING		Over	Over	Over	Over	Over
Grade	Material	3 to 6	6 to 30	30 to 120	120 to 400	Over 400
PRECISE	WOOD	± 0.10	± 0.20	± 0.30	± 0.50	± 0.80
SMOOTH	WOOD	± 0.20	± 0.50	± 1.00	± 2.00	± 3.00

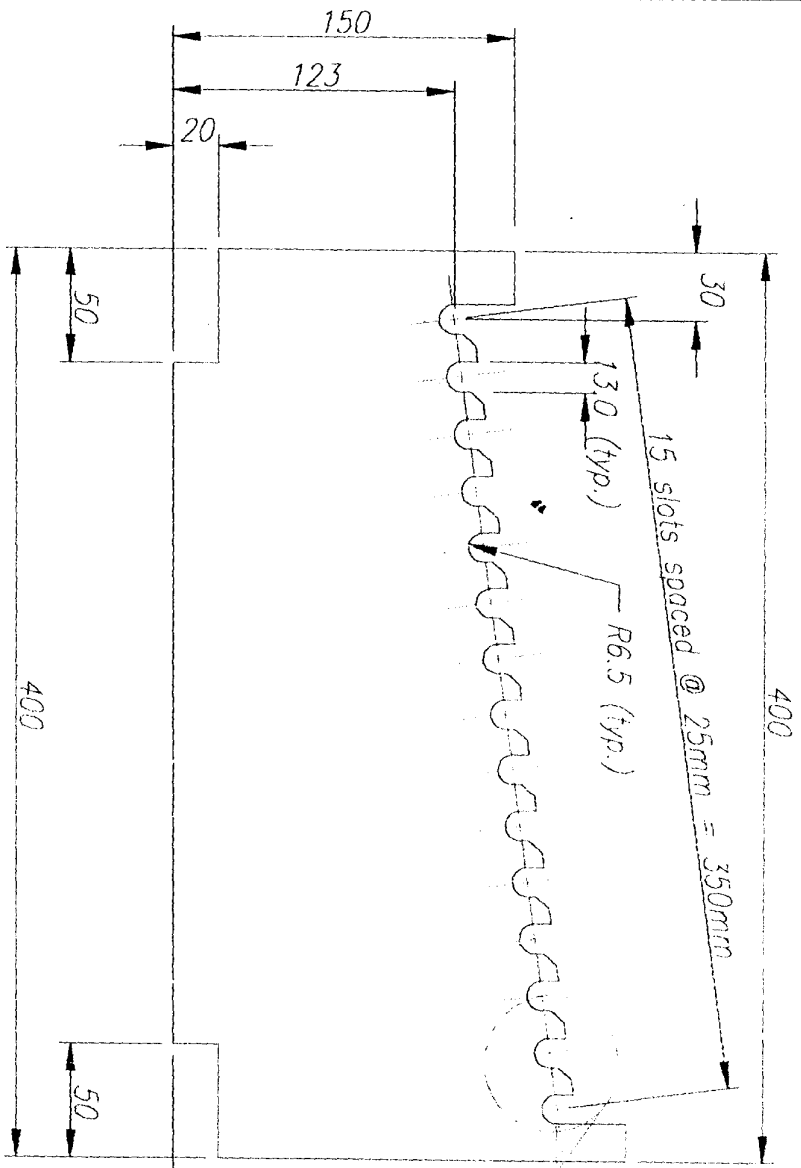
TOLERANCES FOR RADIUS AND CHAMFER		Over	Over	Over	Over
Grade	Material	3 to 6	6 to 30	30 to 120	120 to 400
PRECISE	WOOD	± 0.10	± 0.20	± 0.30	± 0.50
SMOOTH	WOOD	± 0.20	± 0.50	± 1.00	± 2.00

Revision	Description	Date	Name

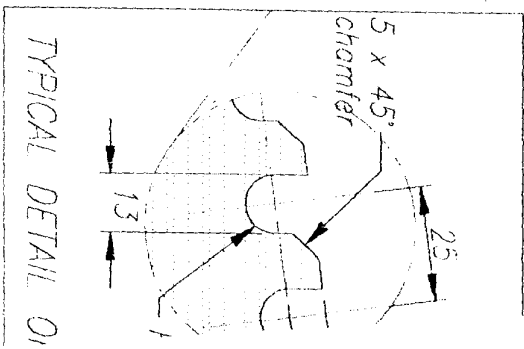
Approved:	J.A. Vano	Date:	16-12
Prepared:	R.C. La Rosa	Name:	nicolas
Checked:	R.H. Neri	Date:	19 97
Drawn:	nicolas		

 NSTIC NCS-CORONA Drive, Suite 1000, 8200 Cedar City Arkansas	Part No. Drawing No.
---	-----------------------------

STAND RODS STORAGE RAC



BOARD-E DETAIL



ITEM LIST	
a.	20 x 50 mm
b.	20 x 50mm
c.	12 x 20mm
e.	20mm thk. S

TOLERANCES FOR LENGTH GAUGING		Over		Over		Over	
Final Accuracy	Nominal Size	0.5 to 3	3 to 6	6 to 30	30 to 120	120 to 450	
MEDIAL	± 0.10	± 0.10	± 0.20	± 0.30	± 0.40	± 0.50	

TOLERANCES FOR RADIUS AND CHAMFER		Over		Over		Over	
Final Accuracy	Nominal Size	0.5 to 3	3 to 6	6 to 30	30 to 120	120 to 450	
SMOOTH	± 0.20	± 0.50	± 1.00	± 1.50	± 2.00	± 2.50	
MEDIAL	± 0.30	± 0.750	± 1.50	± 2.00	± 2.50	± 3.00	

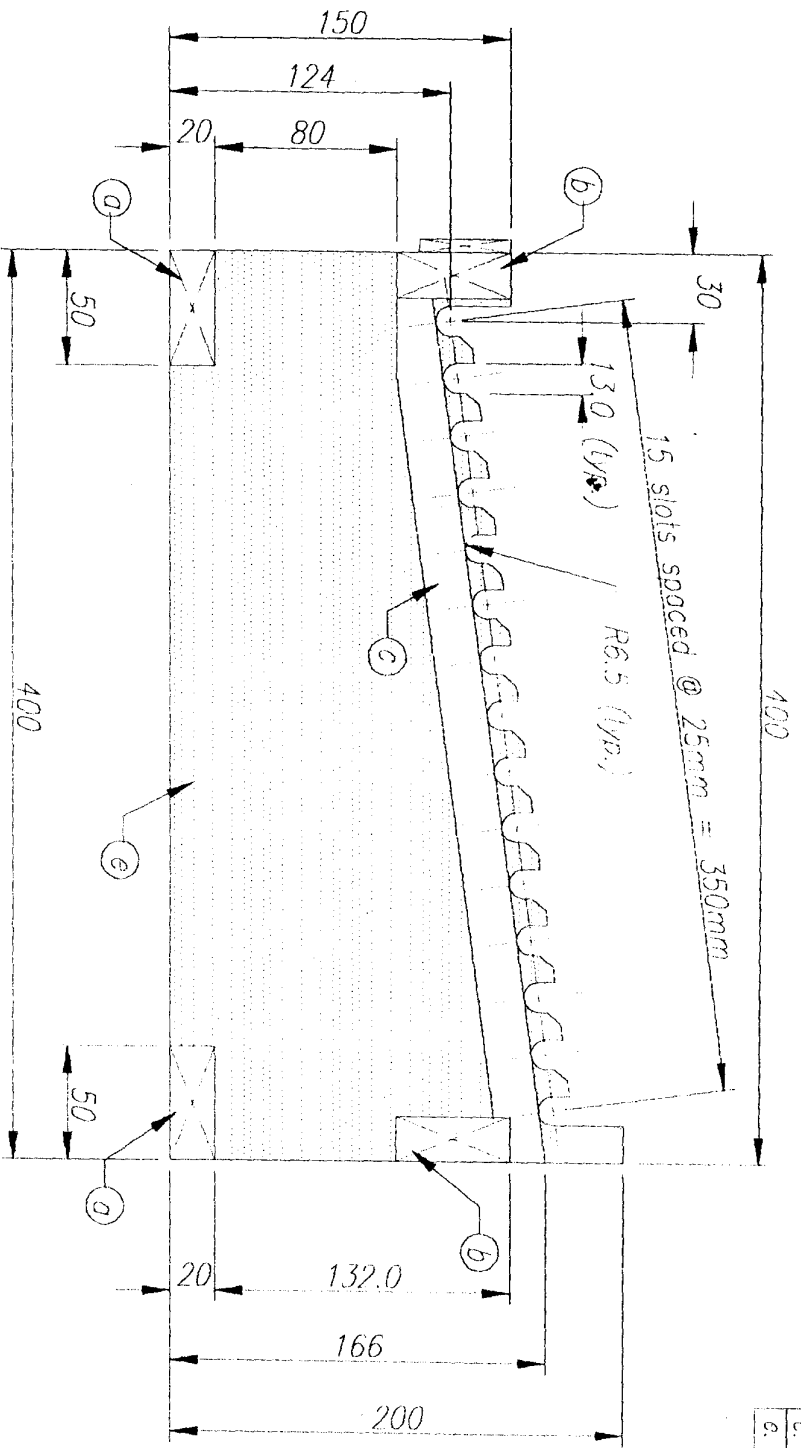
Revision	Description	Date	By
1/01			

Approved:	A.A. Vane
Revised:	R.C. La Rosa
Checked:	R.H. Ward
Drawn:	nicolas
Date:	09-12-19 97

Part No.	STAND RODS STORAGE RACK DETAIL OF BOARD-E
Drawn No.	Material: 20mm thk. Solid Tonguille Wood



ITEM LIST	
a.	20 x 50 mm I
b.	20 x 50mm Tc
c.	12 x 20mm Tc
e.	20mm Thk. Soil



SECTION THRU "E-E"


STAND RODS STORAGE RACK

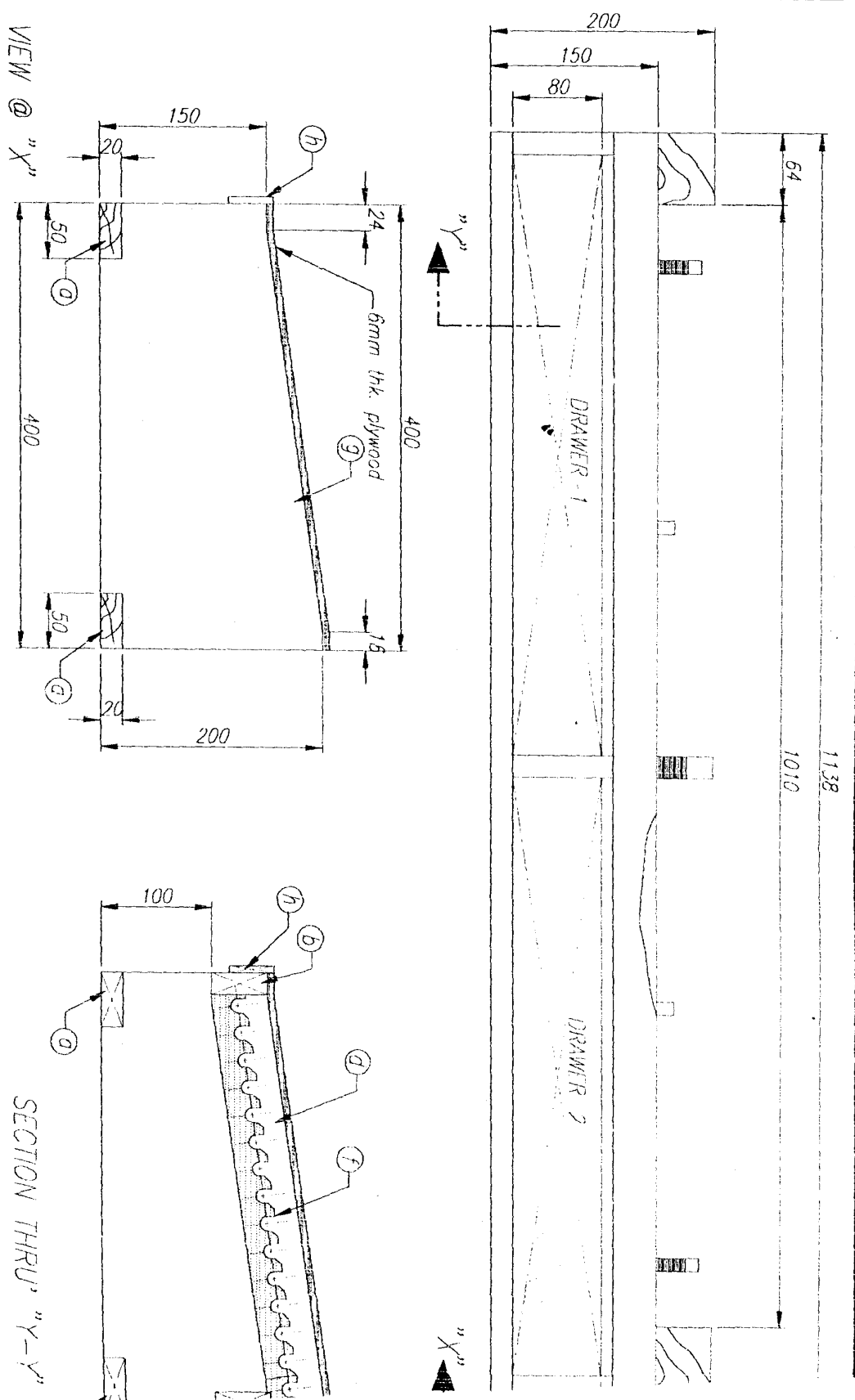
TOLERANCES FOR LENGTH GAUGING					
Grade	Size	Over	Under	Over	Under
Accuracy	0.5 to 3	± 0.10	± 0.10	± 0.20	± 0.20
Accuracy	3 to 6	± 0.10	± 0.10	± 0.20	± 0.20
Accuracy	6 to 30	± 0.10	± 0.10	± 0.20	± 0.20
Accuracy	30 to 120	± 0.10	± 0.10	± 0.20	± 0.20
Accuracy	120 to 400	± 0.10	± 0.10	± 0.20	± 0.20

TOLERANCES FOR RADIUS AND CHAMFER					
Grade	Size	Over	Under	Over	Under
Accuracy	0.5 to 3	± 0.20	± 0.20	± 1.00	± 2.00
Accuracy	3 to 6	± 0.20	± 0.20	± 1.00	± 2.00
Accuracy	6 to 30	± 0.20	± 0.20	± 1.00	± 2.00
Accuracy	30 to 120	± 0.20	± 0.20	± 1.00	± 2.00
Accuracy	120 to 400	± 0.20	± 0.20	± 1.00	± 2.00

Revision	Description	Date	Name

Approved:	A.A. Viana
Checked:	R.C. La Rosa
Drawn:	nicolas
Date:	16-11-97

 NSPTIC IACS-EDITION Center, Saigon (Phone: 8000 Cam City)	Title: STAND RODS STORAGE RACK Drawing No.: Part No.:
---	---



STAND RODS STORAGE RACK

TOLEANCES FOR LENGTH GAUGING

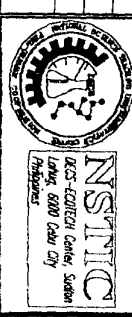
Grade Accuracy	Nominal Size	Dev. 5 to 6	Dev. 6 to 30	Dev. 30 to 120	Dev. 120 to 400
±0.10	5 to 6	±0.10	±0.20	±0.30	±0.50

TOLEANCES FOR RADIUS AND CHAMFER

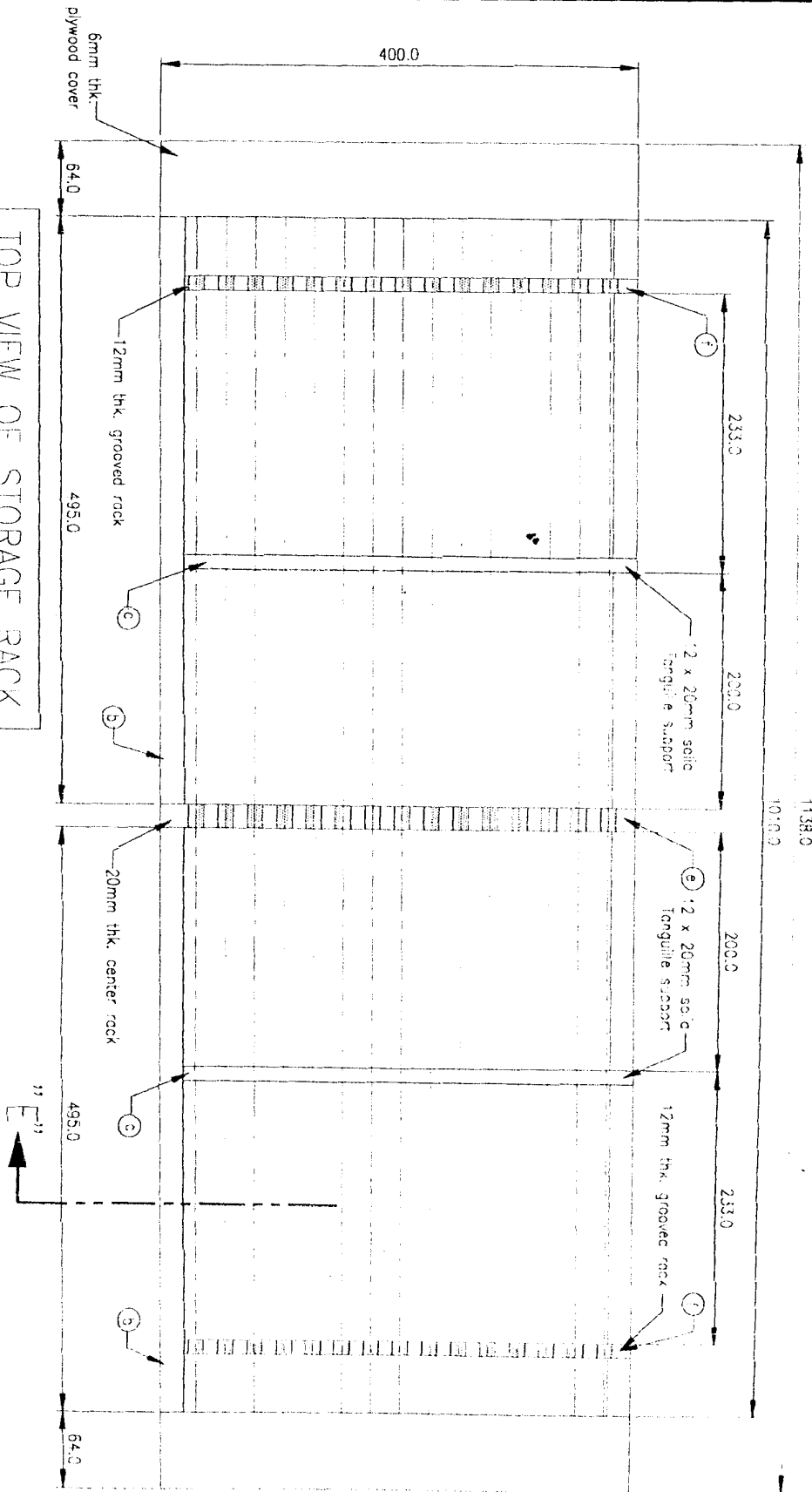
Grade Accuracy	Nominal Size	Dev. 5 to 6	Dev. 6 to 30	Dev. 30 to 120	Dev. 120 to 400
±0.20	5 to 6 <td>±0.20</td> <td>±0.30</td> <td>±0.50</td> <td>±1.00</td>	±0.20	±0.30	±0.50	±1.00

Grade Accuracy	Nominal Size	Dev. 5 to 6	Dev. 6 to 30	Dev. 30 to 120	Dev. 120 to 400
±0.20	5 to 6 <td>±0.20</td> <td>±0.30</td> <td>±0.50</td> <td>±1.00</td>	±0.20	±0.30	±0.50	±1.00

Approved: A.L. Tava	Date: 16-11
Revised: R.C. La Rosa	
Checked: R.H. Meri	
Drawn: nicolais	
19 97	



Part No. _____
Drawing No. _____



TOP VIEW OF STORAGE RACK
FOR STAND RODS

TOLERANCES FOR LENGTH GAUGING		TOLERANCES FOR RADIUS AND CHAMFER	
Grade	Normal Size	Over	Under
GENERAL	0.5 to 1	±0.10	±0.20
	1 to 6	±0.20	±0.30
	6 to 30	±0.30	±0.50
SMOOTH	0.5 to 1	±0.10	±0.20
	1 to 6	±0.20	±0.30
	6 to 30	±0.30	±0.50

Grade	Normal Size	Over	Under
GENERAL	0.5 to 1	±0.10	±0.20
	1 to 6	±0.20	±0.30
	6 to 30	±0.30	±0.50
SMOOTH	0.5 to 1	±0.10	±0.20
	1 to 6	±0.20	±0.30
	6 to 30	±0.30	±0.50

Approved: A.A. Vono	Checked: R.H. Mori	Drawn: nicolias	Date: 16-11
19 97			

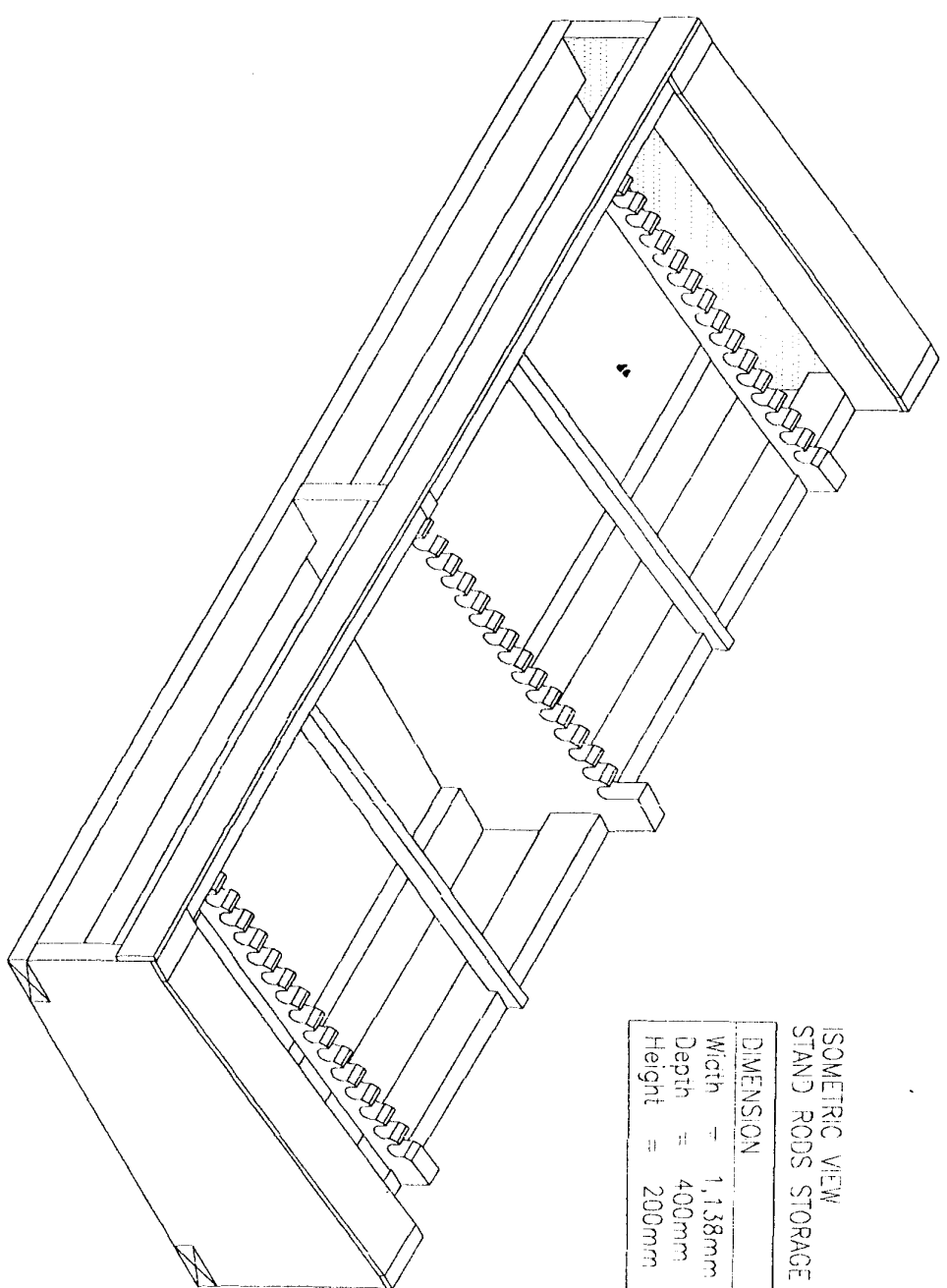
NSITTC
NATIONAL SCHOOL OF INTERIOR DESIGN
1000 S. 10th St., Phoenix, AZ 85001

STAND RODS STORAGE RACK
Material: K.D. Tonguile Wood Board

Scale: 1/8" = 1'-0"

Sheet No: 104

1138.0
1010.0



ISOMETRIC VIEW
 STAND RODS STORAGE RACK

DIMENSION	
Width =	1,138mm
Depth =	400mm
Height =	200mm

TOLERANCES FOR LENGTH GAUGING											
Grade	Method	Over	Over	Over	Over	Over	Over	Over	Over	Over	Over
Accuracy	0.5 to J	3 to 6	6 to 30	30 to 120	120 to 400						
MINOR	± 0.10	± 0.10	± 0.20	± 0.30	± 0.50						

TOLERANCES FOR RADII AND CHAMFER											
Grade	Method	Over	Over	Over	Over	Over	Over	Over	Over	Over	Over
Accuracy	0.5 to J	3 to 6	6 to 30	30 to 120	120 to 400						
SMOOTH	± 0.20	± 0.30	± 0.50	± 1.00	± 2.00						
ROUGH	± 0.25	± 0.50	± 1.00	± 2.00	± 3.00						

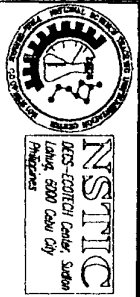
Author	Description	Date	Name

Approved:	A.A. Varo	Date:	
Revised:	H.C. La Rosa	Date:	
Checked:	R.H. Meri	Date:	
Drawn:	Nicolos	Date:	15-12
		Date:	19 37

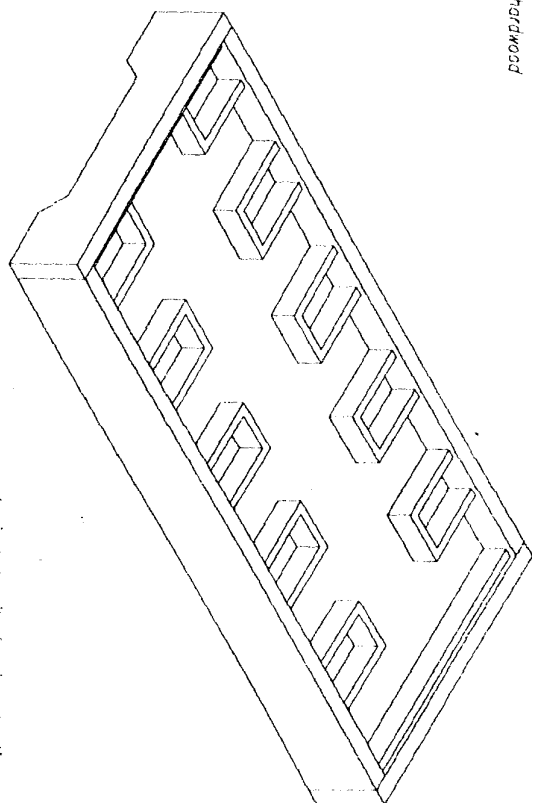
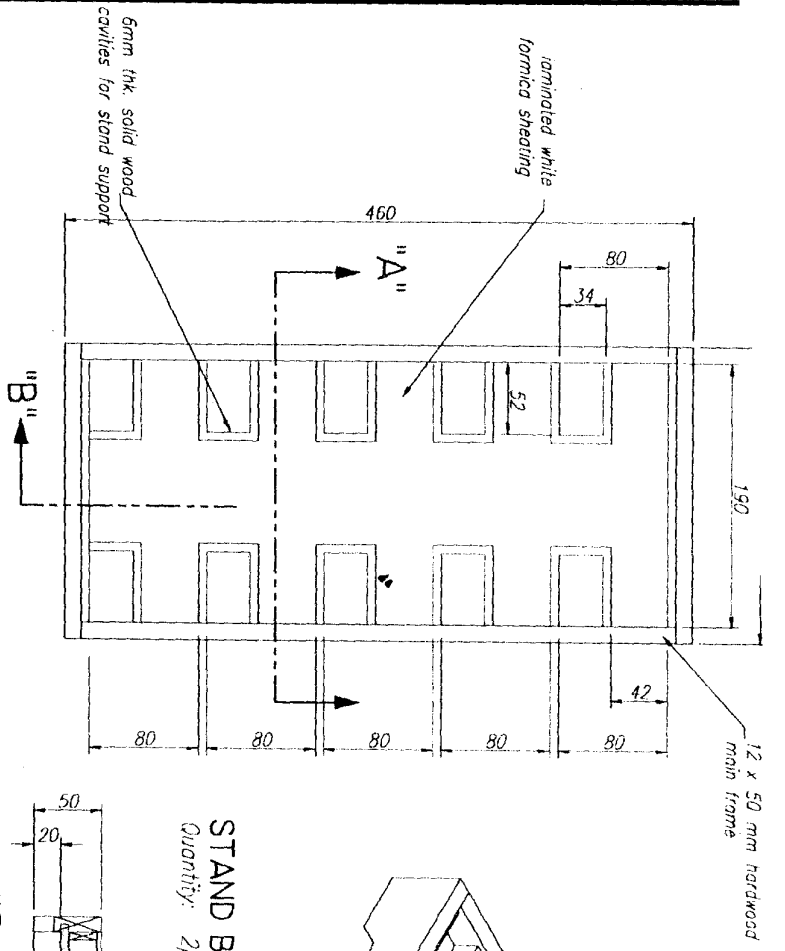
Part No.	7-1
Scale	1:1
Sheet	1
Rev. No.	A
St.	

Part No.	7-1
Scale	1:1
Sheet	1
Rev. No.	A
St.	

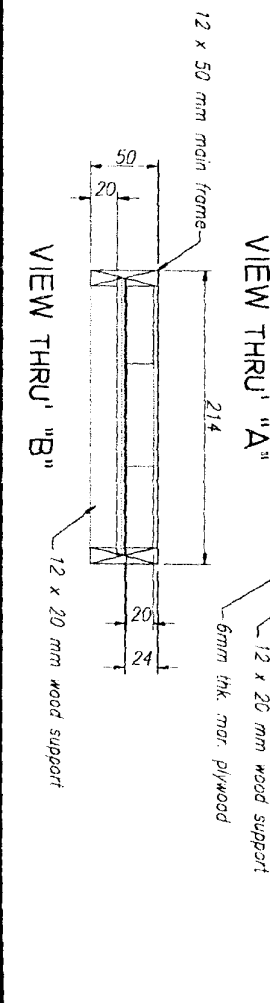
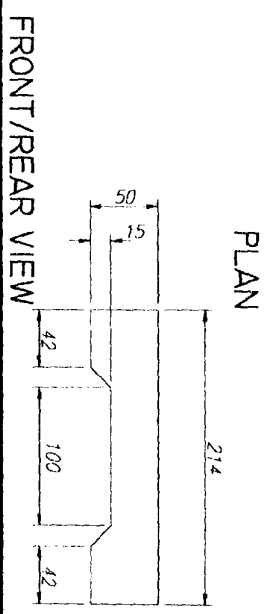
STAND RODS STORAGE RACK
 Material: K.D. Tonguille Wood Board



NSTIC
 NSTIC-SCITECH Center, Subic
 Bay, 5000 Cavite City
 Philippines



STAND BASE STORAGE TRAY
Quantity: 2pcs Required



FRONT/REAR VIEW

TOLERANCES FOR LENGTH GAUGING			
Grade	Normal	Over	Over
Accuracy	Size	3 to 6	6 to 30
MECHANICAL	± 0.10	± 0.20	± 0.30

TOLERANCES FOR RADIIUS AND CHAMFER			
Grade	Normal	Over	Over
Accuracy	Size	3 to 6	6 to 30
MECHANICAL	± 0.20	± 0.50	± 1.00

Revision	Description	Date	Home

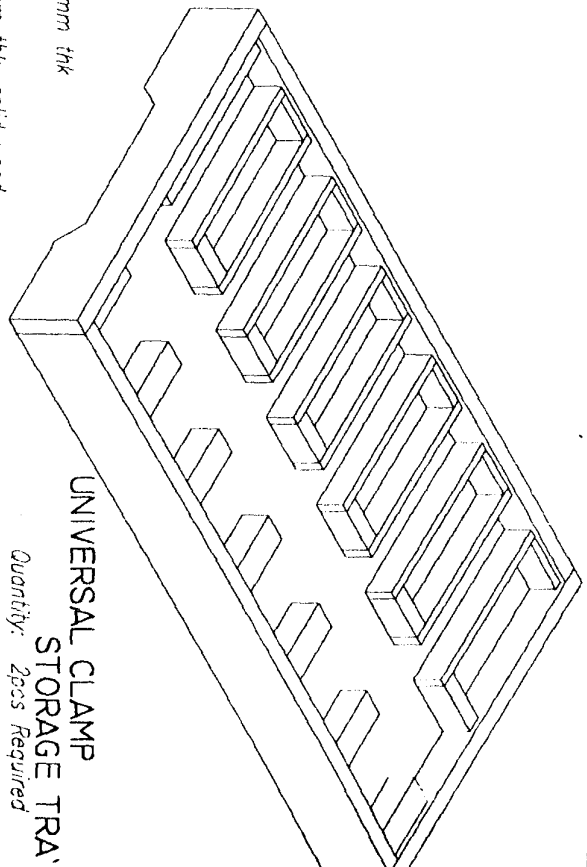
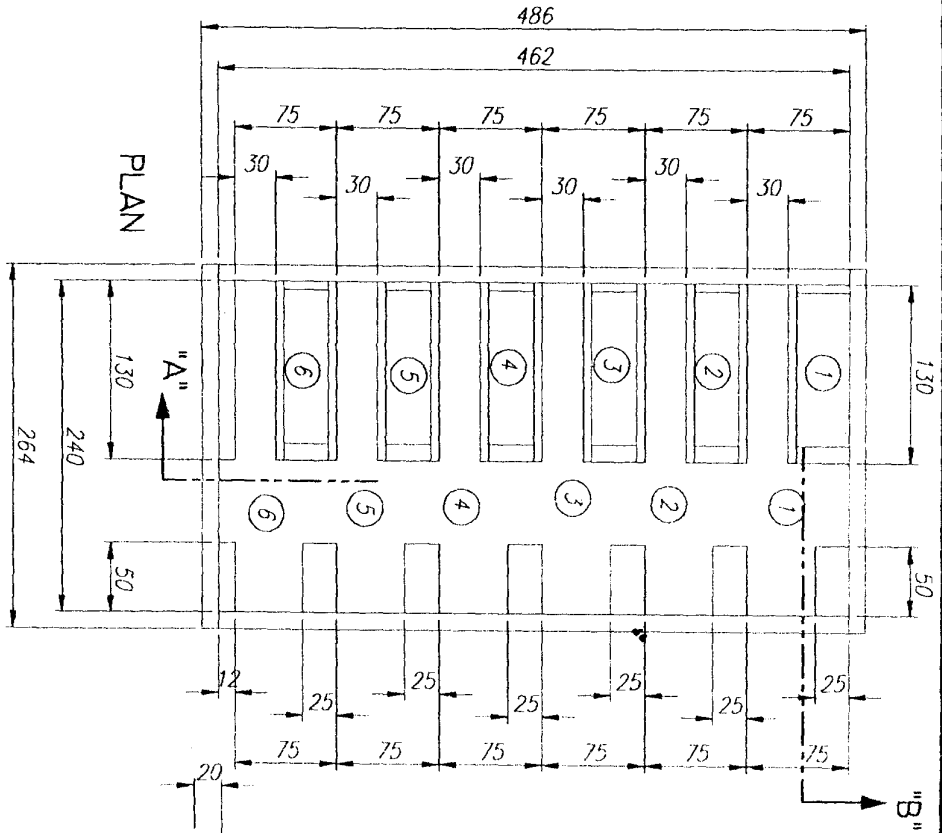
Approved:	
Checked:	
Drawn:	nicolas
Date:	19 97

NSSTIC
ICS-CENTER Center, Sudan
Largo, 5800 Cabo City
MEXICO

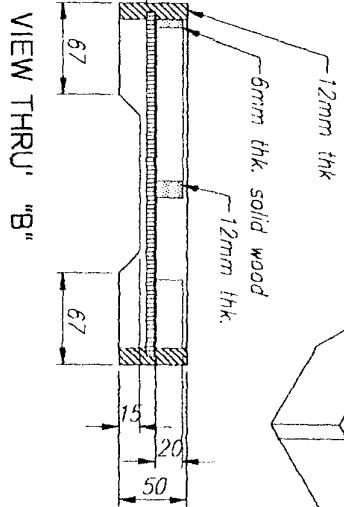
THE
SCIENCE EQUIPMENT STORAGE CABINET
STAND BASE STORAGE TRAY
Material: (as per specified)

Drawing No. Part No. Scale

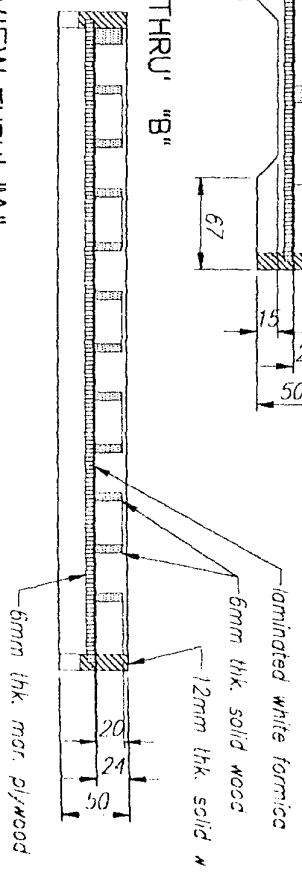
1/4" = 1" A



UNIVERSAL CLAMP STORAGE TRAY
Quantity: 2pcs Required




VIEW THRU 'A'



PLAN

TOLERANCES FOR LENGTH GAUGING			
Grade Accuracy	Nominal Size	Over	Under
GENERAL	0.5 to 3	±0.10	±0.20
	3 to 8	±0.10	±0.20
	8 to 20	±0.10	±0.20
	20 to 40	±0.10	±0.20
	40 to 120	±0.10	±0.20
	120 to 400	±0.10	±0.20

TOLERANCES FOR RADIUS AND CHAMFER			
Grade Accuracy	Nominal Size	Over	Under
GENERAL	0.5 to 3	±0.10	±0.20
	3 to 8	±0.10	±0.20
	8 to 20	±0.10	±0.20
	20 to 40	±0.10	±0.20
	40 to 120	±0.10	±0.20
	120 to 400	±0.10	±0.20



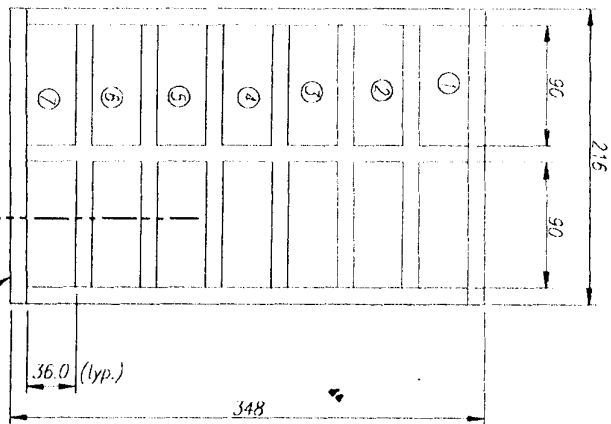
NSTIC
1235 - 15TH AVENUE, SUITE 100
DENVER, COLORADO 80202

SCIENCE EQUIPMENT STORAGE CABINET
UNIVERSAL CLAMP STORAGE TRAY
Material: (as per specified)

Drawn: nicolas
Date: 08-12
Checked: []
Approved: []
19 97

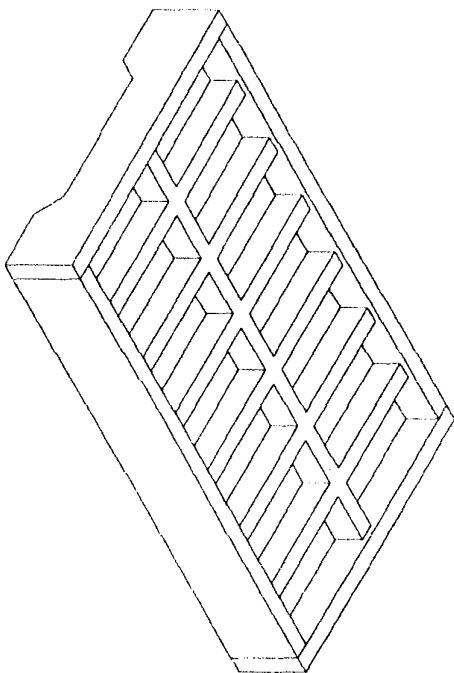
Drawing No. []
Part No. []

Sheet 1 of 1
A UN



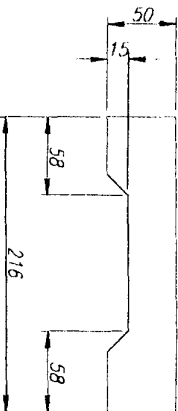
TOP VIEW

12 x 50mm hard wood main frame

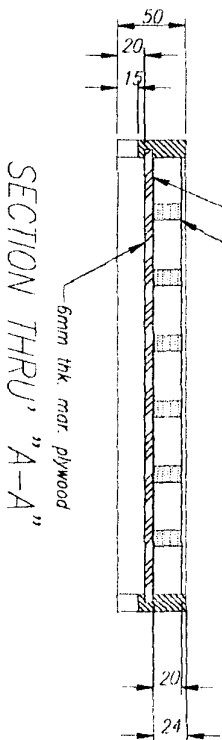


MULTICLAMP STORAGE TRAY

Quantity: 2 pcs.



FRONT/REAR VIEW



SECTION THRU "A-A"

TOLERANCES FOR LENGTH GAUGING		TOLERANCES FOR RADIUS AND CHAMFER	
Actual Size	Over	Actual Size	Over
0.5 to 1	± 0.10	0.5 to 1	± 0.20
1 to 6	± 0.10	1 to 6	± 0.20
6 to 30	± 0.20	6 to 30	± 0.20
30 to 120	± 0.30	30 to 120	± 0.30
120 to 400	± 0.50	120 to 400	± 0.50

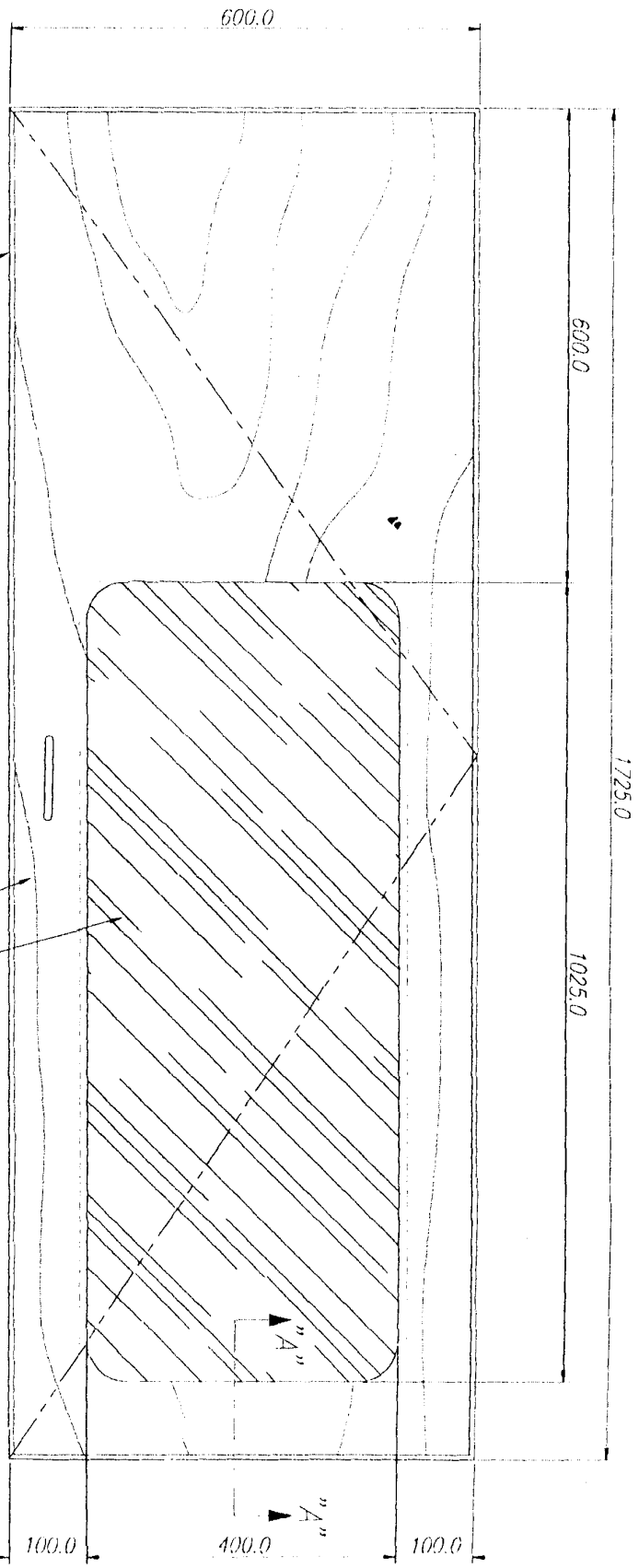
Approved:		Drawn:	nicols	Date:	01-12
Checked:		Checked:			
19 97					



SCIENCE EQUIPMENT STORAGE CABINET
MULTICLAMP STORAGE TRAY

Drawing No.

IAC



- SPECIFICATIONS:
1. Apply acrylic alternative paint finish on both face.
 2. Provide three (3) hinges in every door.
- Use the concealed steel cabinet hinges.

DOOR - 1

5.5mm thk. clear glass
19mm thk. waterproof
hardwood plywood


* Dimensions are in millimeters
except otherwise specified.
* Smoothen all sharp edges.

GOVERNMENT PROPERTY

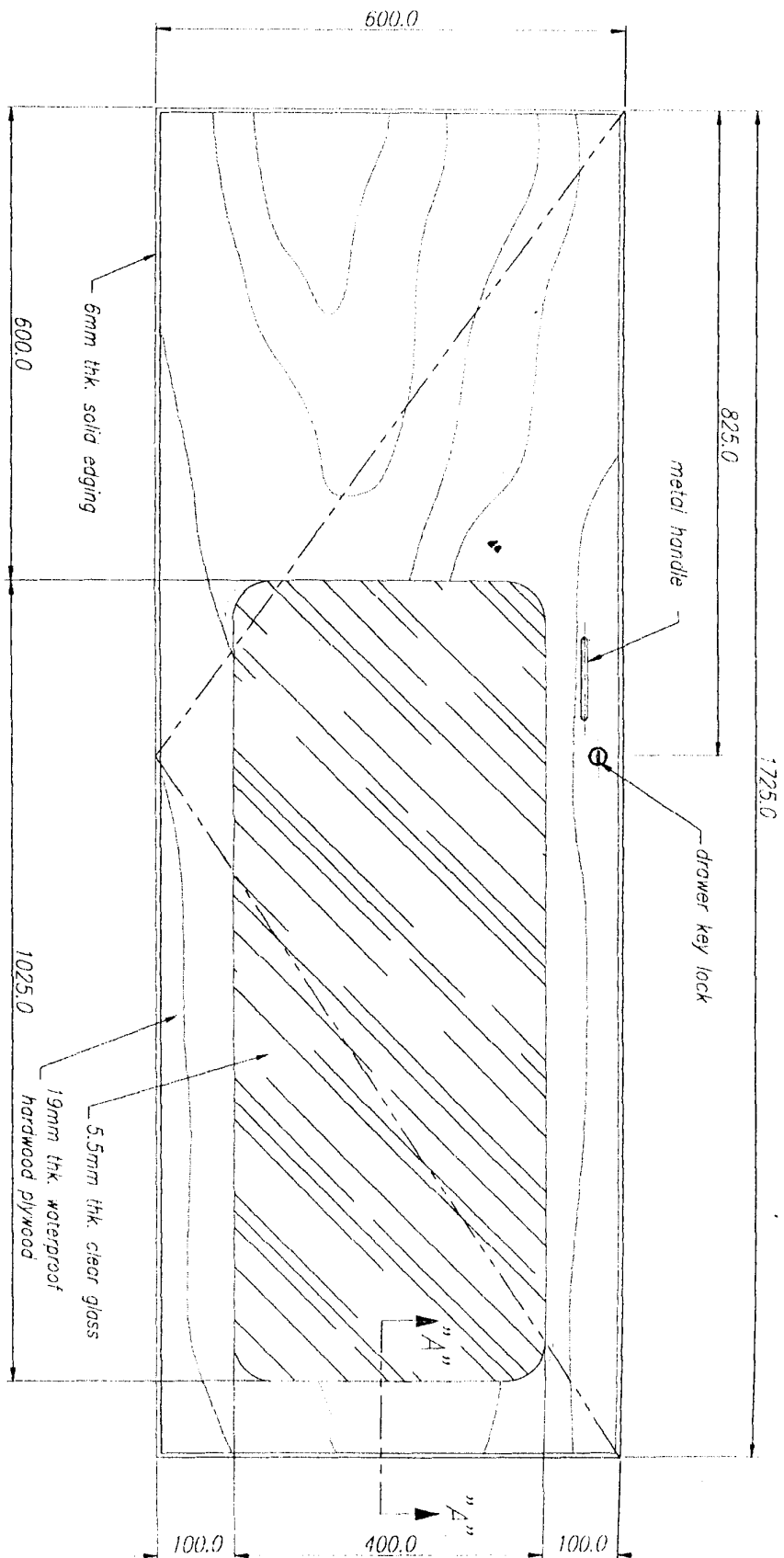
TOLERANCES FOR LENGTH GAUGING					
Over	Normal	Over	Over	Over	Over
Accuracy	Size	3 to 6	6 to 30	30 to 120	120 to 400
0.5 to 3	1.0 to 3	1.0 to 3	1.0 to 3	1.0 to 3	1.0 to 3
3 to 6	1.5 to 4.5	1.5 to 4.5	1.5 to 4.5	1.5 to 4.5	1.5 to 4.5
6 to 30	2.0 to 6.0	2.0 to 6.0	2.0 to 6.0	2.0 to 6.0	2.0 to 6.0
30 to 120	2.5 to 7.5	2.5 to 7.5	2.5 to 7.5	2.5 to 7.5	2.5 to 7.5
120 to 400	3.0 to 9.0	3.0 to 9.0	3.0 to 9.0	3.0 to 9.0	3.0 to 9.0

TOLERANCES FOR RADII AND CHAMFER					
Over	Normal	Over	Over	Over	Over
Accuracy	Size	3 to 6	6 to 30	30 to 120	120 to 250
0.5 to 3	1.0 to 3	1.0 to 3	1.0 to 3	1.0 to 3	1.0 to 3
3 to 6	1.5 to 4.5	1.5 to 4.5	1.5 to 4.5	1.5 to 4.5	1.5 to 4.5
6 to 30	2.0 to 6.0	2.0 to 6.0	2.0 to 6.0	2.0 to 6.0	2.0 to 6.0
30 to 120	2.5 to 7.5	2.5 to 7.5	2.5 to 7.5	2.5 to 7.5	2.5 to 7.5
120 to 250	3.0 to 9.0	3.0 to 9.0	3.0 to 9.0	3.0 to 9.0	3.0 to 9.0

Revision	Description	Date	By	Appr.

Approved: AA. Voro	Date: _____
Checked: R.C. Lozano	Date: _____
Drawn: nicolas	Date: _____
 NSTIC INCORPORATED CENTER SOUTH LANSING 48202 CANON CITY MISSOURI	

Title: SCIENCE EQUIP. STD. CAB.	Sheet No. _____
Drawing No. _____	Scale: _____
Part No. _____	Job Name: _____



- SPECIFICATIONS:
1. Apply acrylic automotive paint finish on both face.
 2. Provide three (3) hinges in every door.
- Use the conceded steel cabinet hinges.

DOOR -- 2

* Dimensions are in millimeters except otherwise specified.
 * Smoothen all sharp edges.

GOVERNMENT PROPERTY

TOLERANCES FOR LENGTH GAUGING					
Over	Accuracy	Over	Accuracy	Over	Accuracy
0.5 to 3	± 0.10	3 to 6	± 0.10	6 to 30	± 0.20
3 to 6	± 0.10	6 to 30	± 0.20	30 to 120	± 0.30
6 to 30	± 0.20	30 to 120	± 0.30	120 to 400	± 0.50

TOLERANCES FOR RADIUS AND CHAMFER					
Over	Accuracy	Over	Accuracy	Over	Accuracy
0.5 to 3	± 0.20	3 to 6	± 0.30	6 to 30	± 0.50
3 to 6	± 0.30	6 to 30	± 0.50	30 to 120	± 0.75
6 to 30	± 0.50	30 to 120	± 0.75	120 to 400	± 1.00

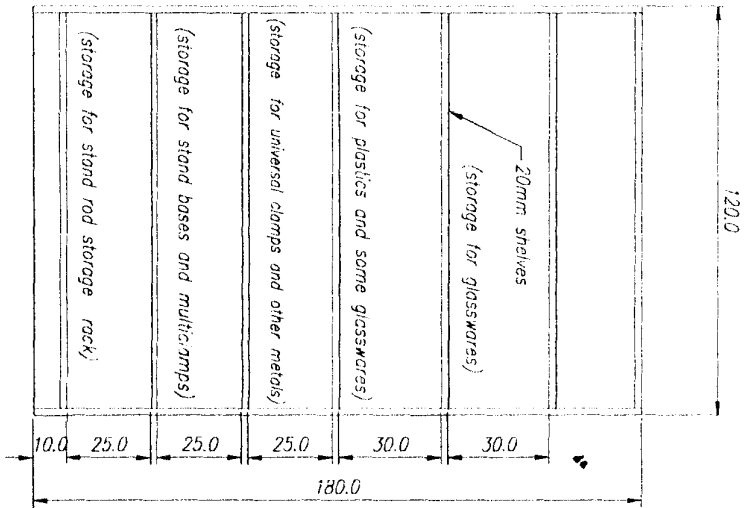
Revision	Description	Date	By

Approved:	A.A. Vano
Present:	R.C. La Rosa
Checked:	R.H. Neri
Drawn:	NICOLAS
Date:	19 97

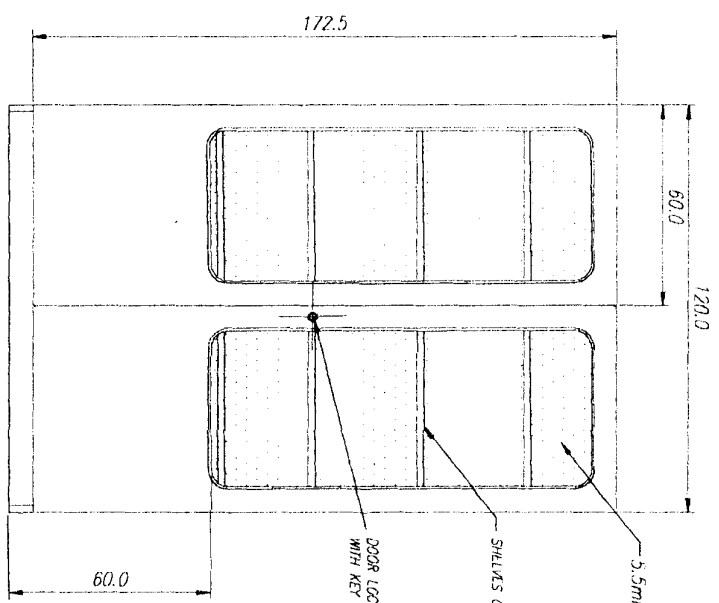
Title	SCIENCE EQUIP. STD. CAB.
Drawn by	
Checked by	
Date	
Scale	
Sheet No.	
Job Name	ACAD
	STCCB02



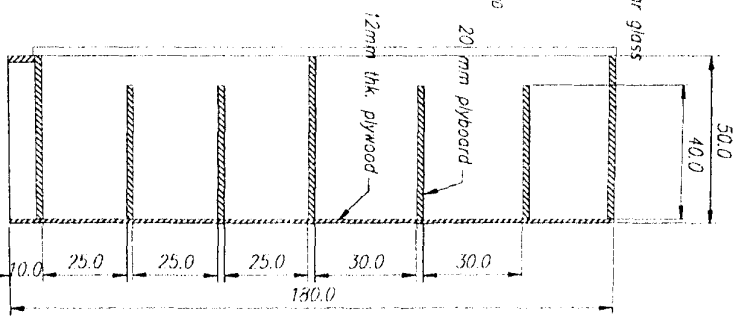
- NOTES: 1. Use 20mm thk hardwood plywood for main frame and doors unless otherwise specified.
 2. Dimensions are in centimeters.
 3. Apply acrylic auto-paint finished on air brush of 3 coats.



FRONT VIEW w/o DOORS



FRONT VIEW w/ DOORS



SIDE SECTIONAL VIEW

TOLERANCES FOR LENGTH GAUGING					
Over	Special Accuracy	Over 0.25 to 0.5	Over 0.5 to 1	Over 1 to 3	Over 3 to 10
±0.10	±0.10	±0.20	±0.30	±0.50	±0.75

TOLERANCES FOR RADII AND CHAMFER					
Over	Special Accuracy	Over 0.25 to 0.5	Over 0.5 to 1	Over 1 to 3	Over 3 to 10
±0.10	±0.10	±0.20	±0.30	±0.50	±0.75

Approved: A.A. Vano	Date:
Revised: R.C. La Rose	
Checked: R.H. Neri	
Drawn: nicolas	Date: 10/97

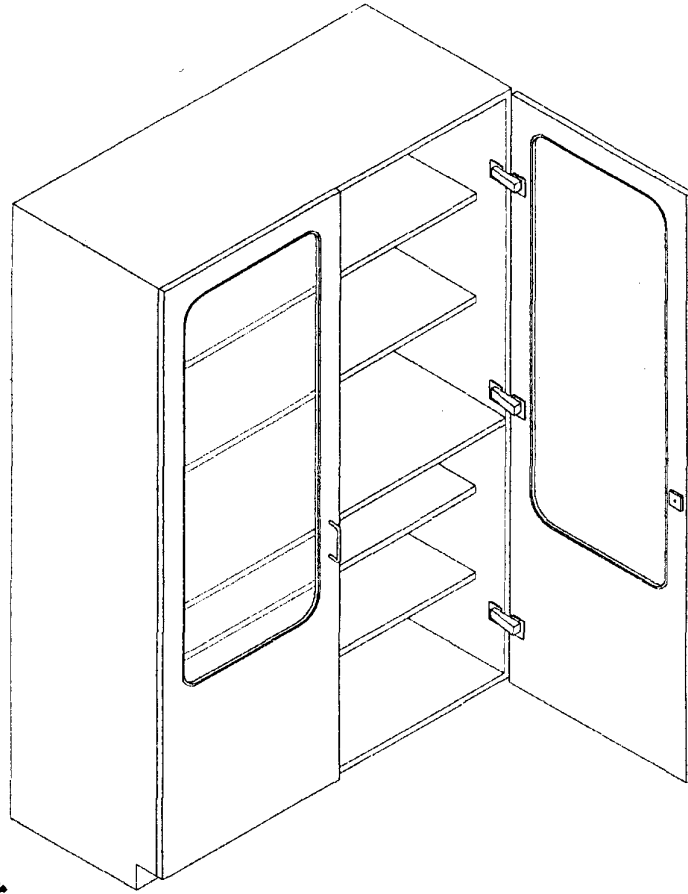
NSI INC. 10000 N. 10th Ave. Phoenix, AZ 85020

SCIENCE EQUIP. STD. CAB.

Part No. _____

Sheet No. _____

Scale: AC



SCIENCE EQUIPMENT STORAGE CABINET

Material: 19mm thk Plywood with automotive paint finish
with storage trays for:

- a) Stand Bases and Stand Supports
- b) Universal Clamps and Universal Bossheads
- c) Multiclamps and Fastening Bolts
and Stand Rods Storage Rack