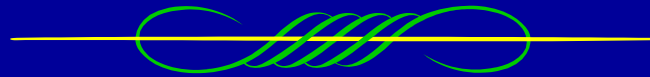


Custom Enclosures and Encasements for Historic Artifacts



Presented by

Donald G. Etherington

Design Criteria

- What artifact or type of material is going to be displayed?
- Where will it be displayed and for how long?
- Will the object travel?
- What are the security requirements?
- What is the budget for the project?

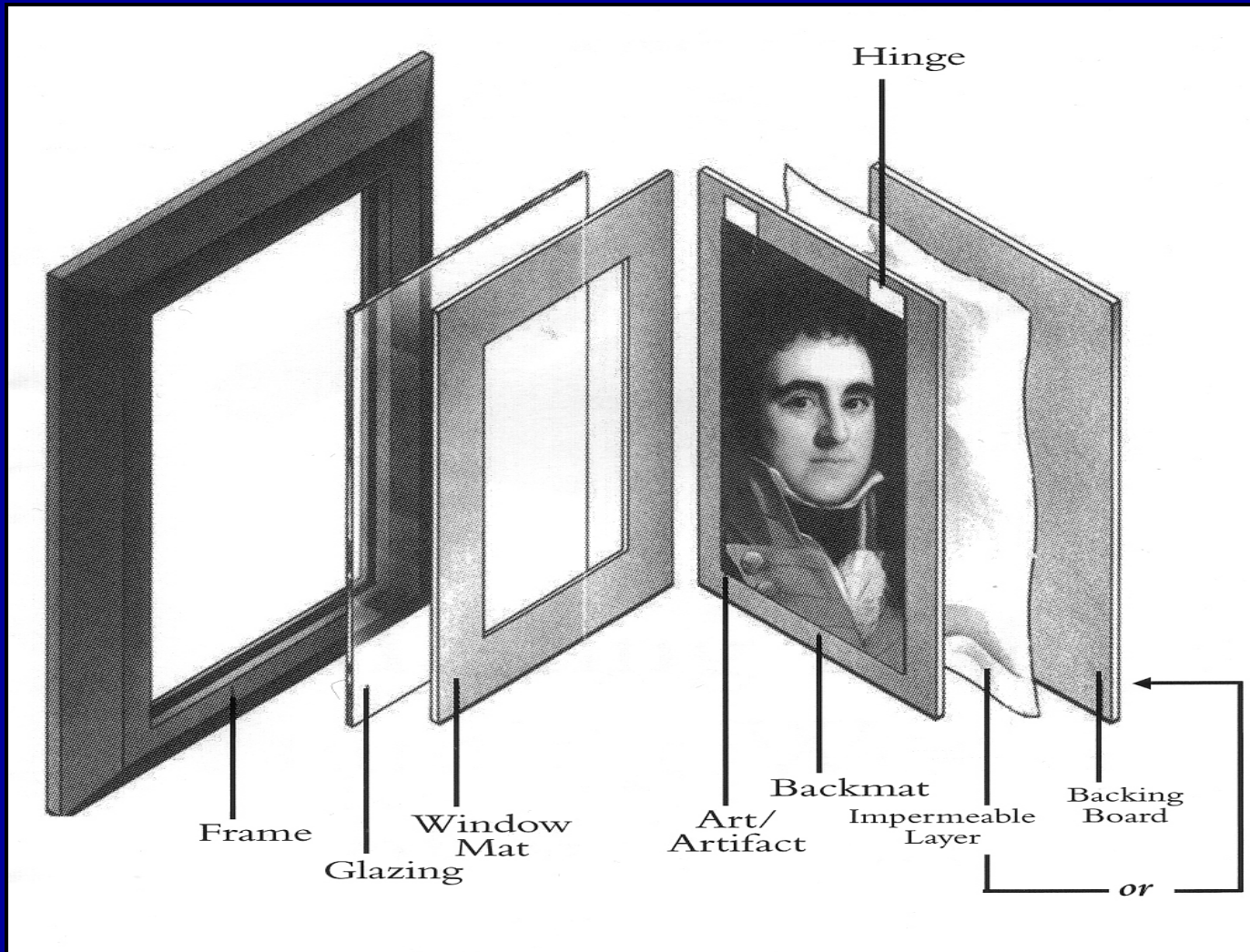
Environmental Requirements

- How sensitive is the object to changes in temperature and relative humidity?
- What will be the difference in temperature and humidity outside of the enclosure versus the interior of the case?
- Can a stable interior environment be maintained and for how long?
- What will be the lighting conditions?
- Is it possible to make a maintenance free enclosure?

Framing and Matting Methods

- 100% rag window mat
- Plexiglas spacers
- Japanese paper hinges
- Chicago string mat – vellum
- UF3 Plexiglas®
- UV filtering glass
- Marvel Seal 360 moisture barrier
- Wood or metal frame

Basic Window Mat Structure



Gettysburg Display Case



Chicago String Mat



Linen threads maintain uniform tension

Carolina Charter



raking light – unframed
before treatment

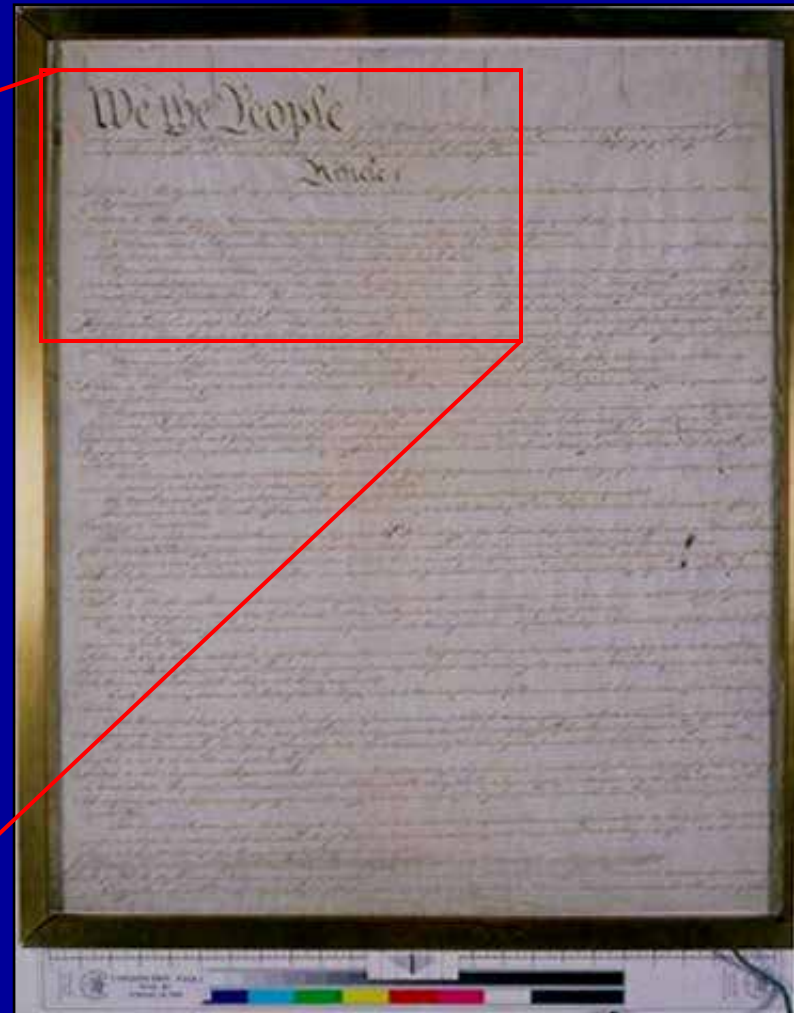


mounted and framed –
after treatment

We the People....

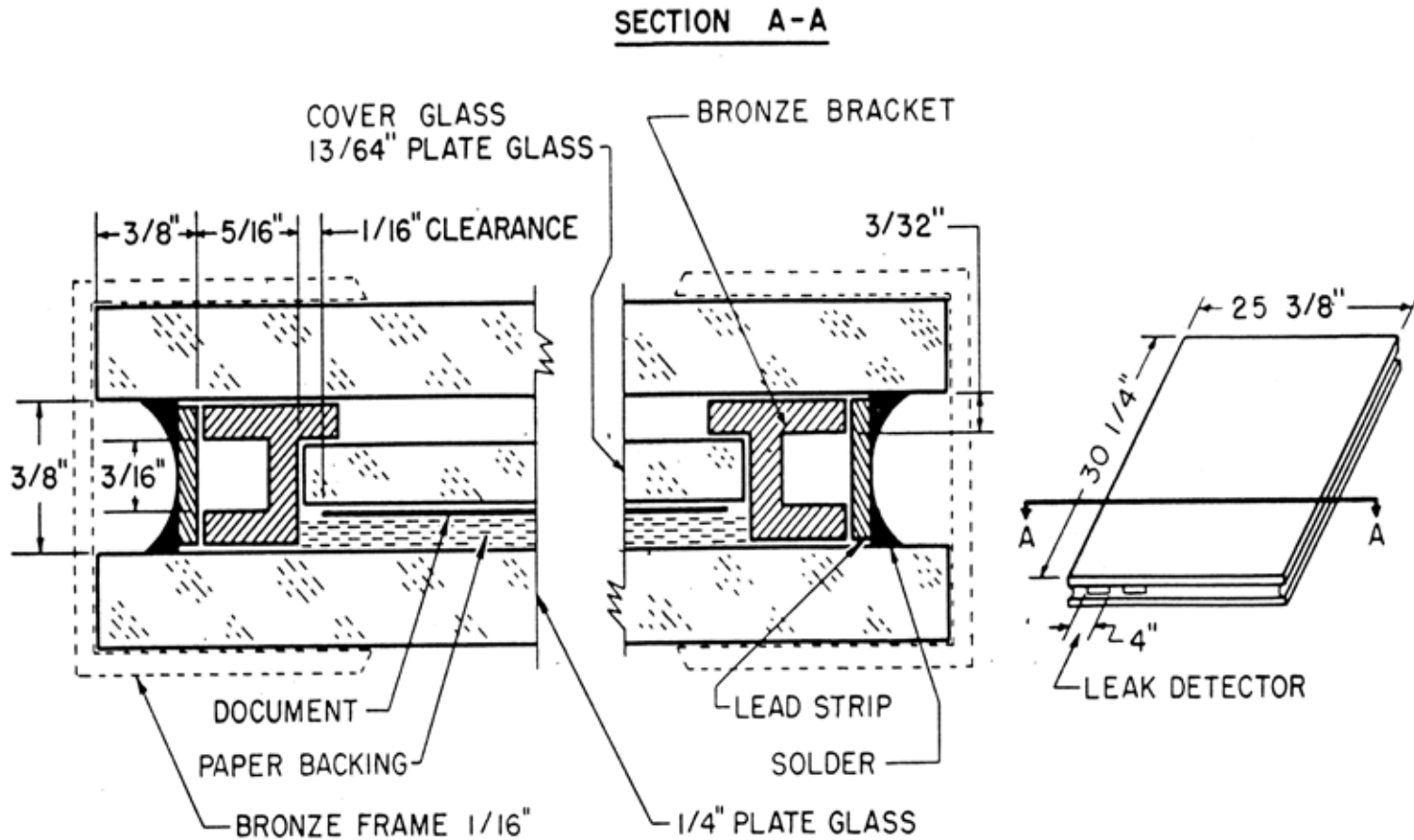


cockling in the vellum - raking
light view



1951 Encasement

1951 Enclosure for the Declaration of Independence

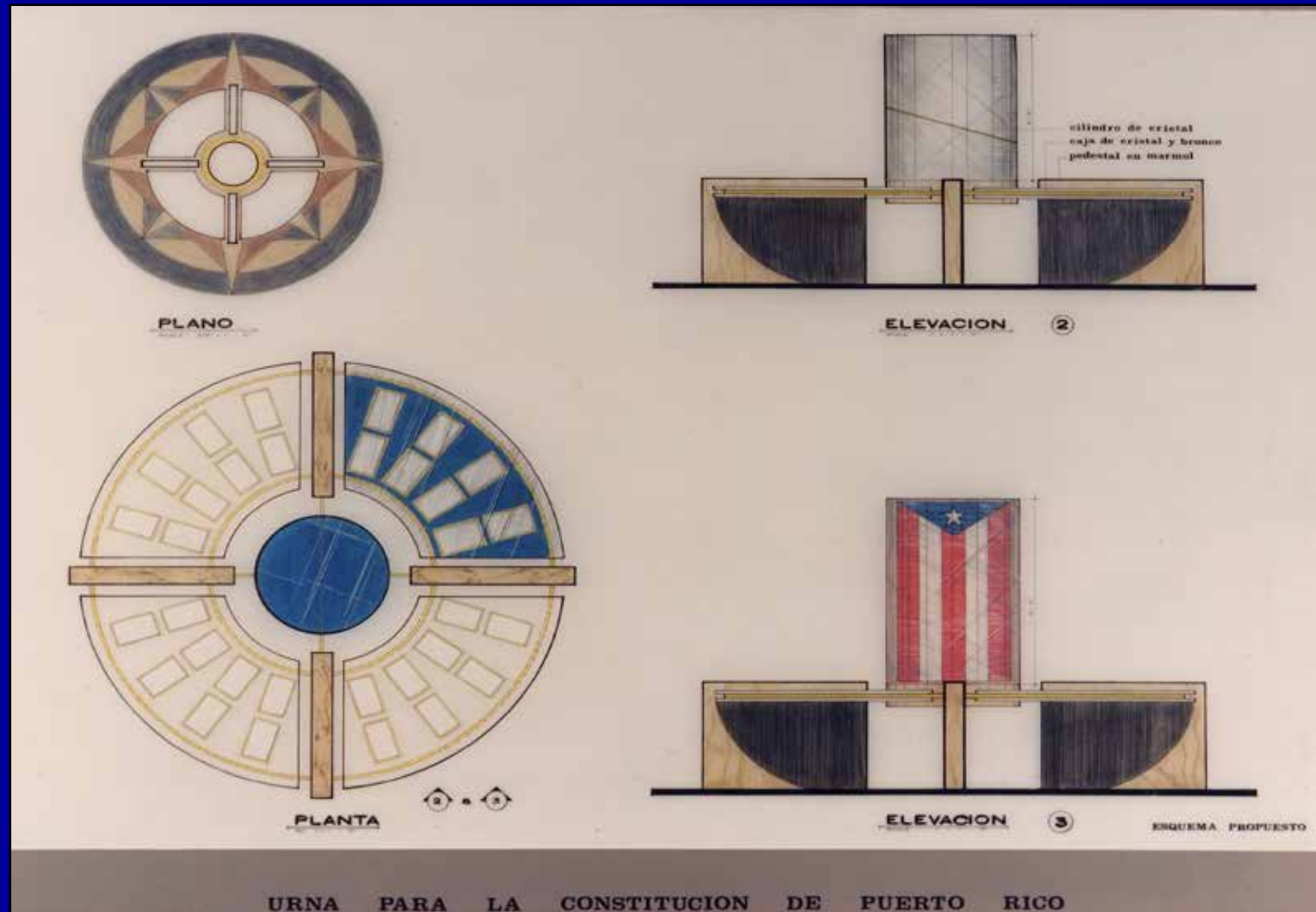


The Constitution of Puerto Rico

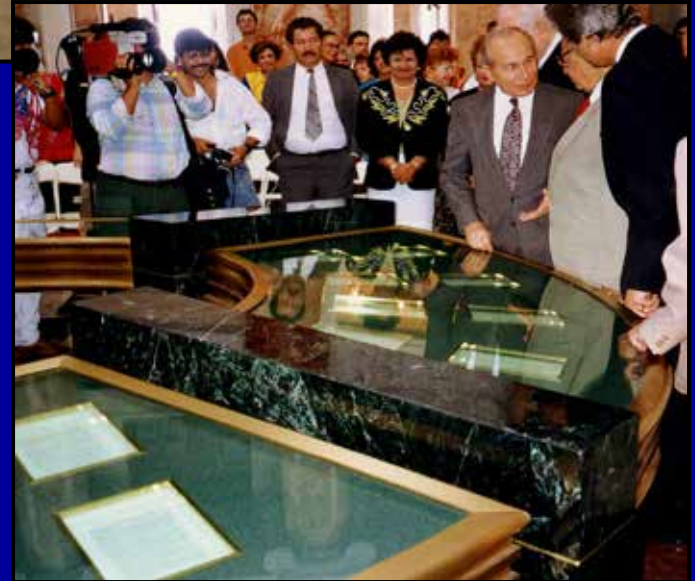


Capital Building of Puerto Rico

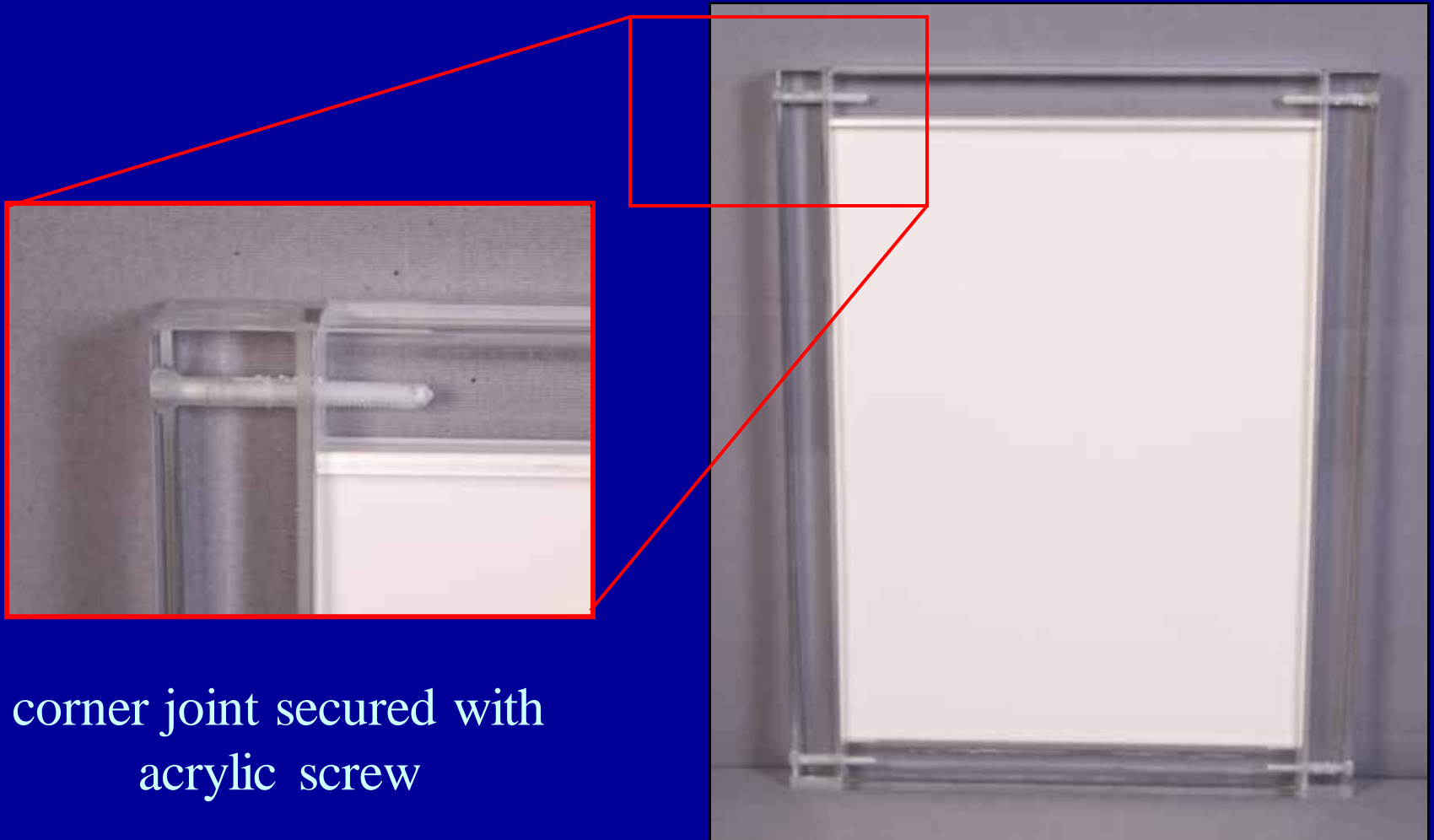
Design of the Rotunda Display Case



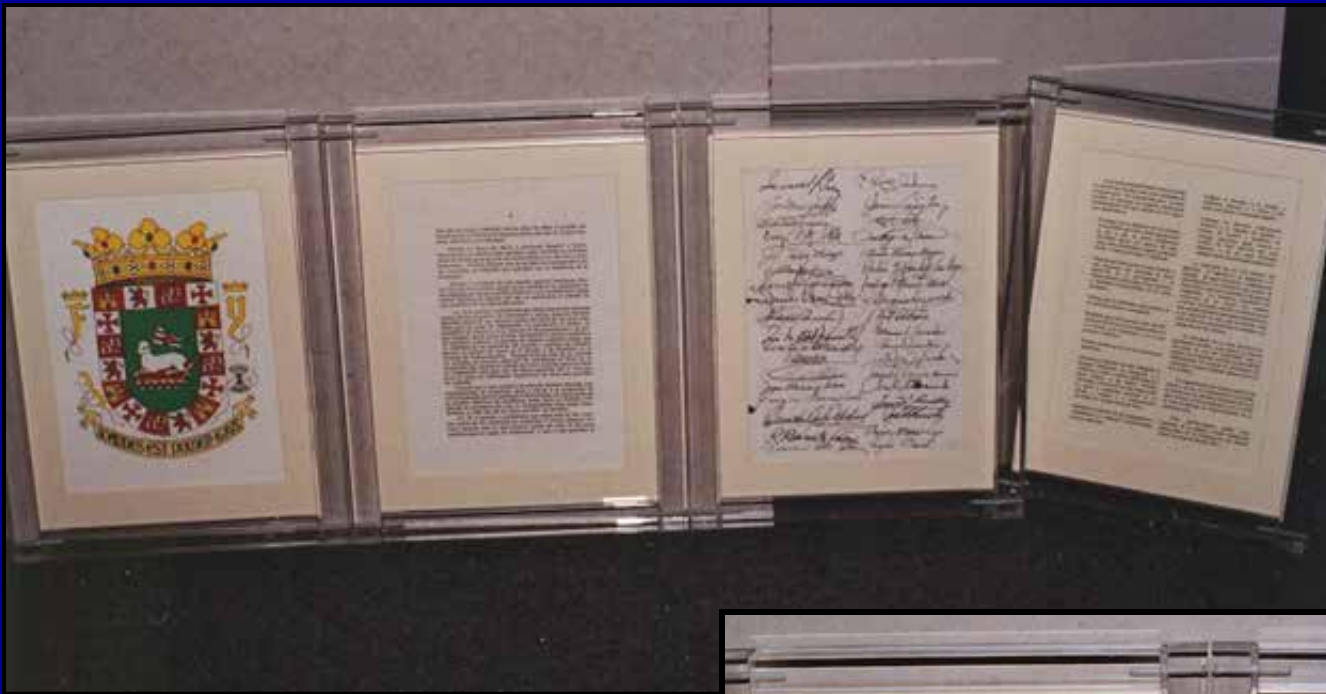
Capital Rotunda – Interior View



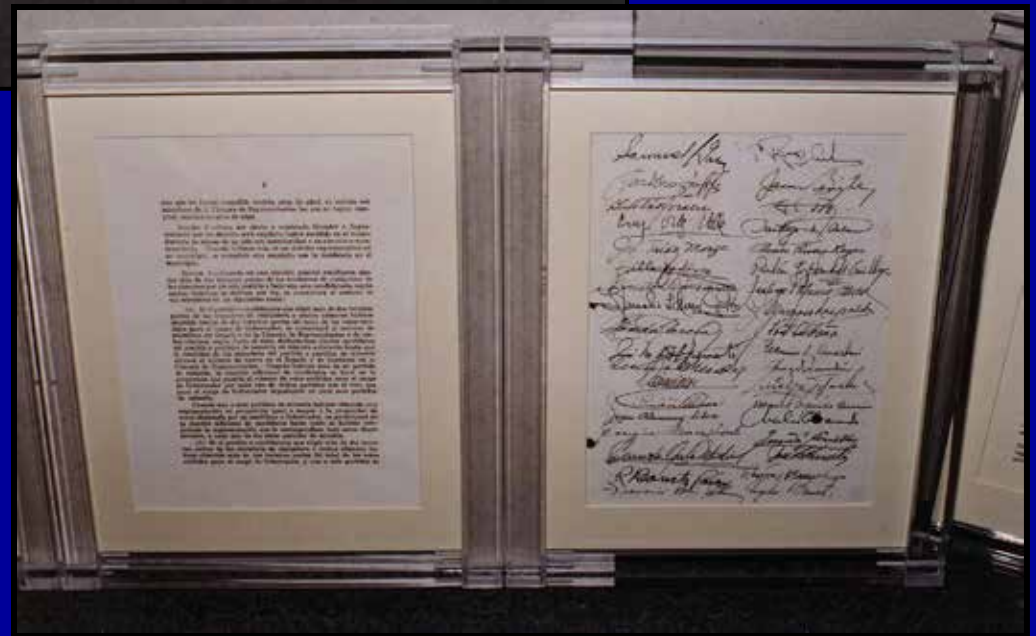
Acrylic Frame for the Constitution of Puerto Rico



corner joint secured with
acrylic screw



Documents
mounted in
acrylic frames

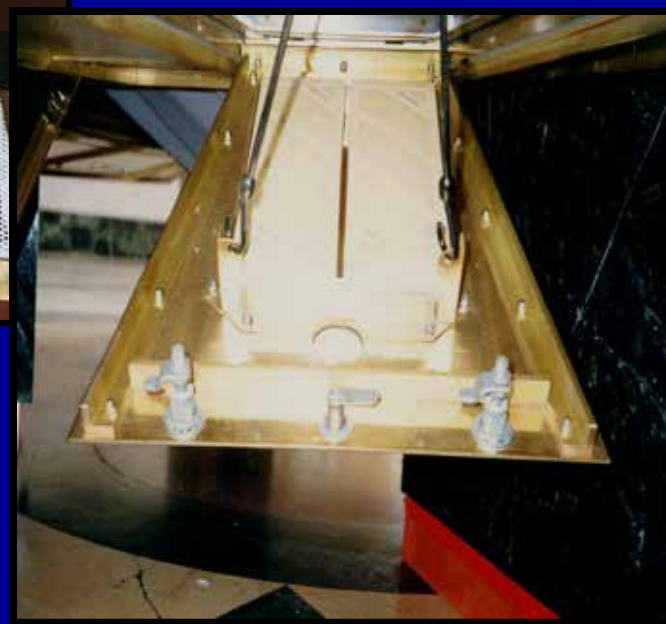




Document frames



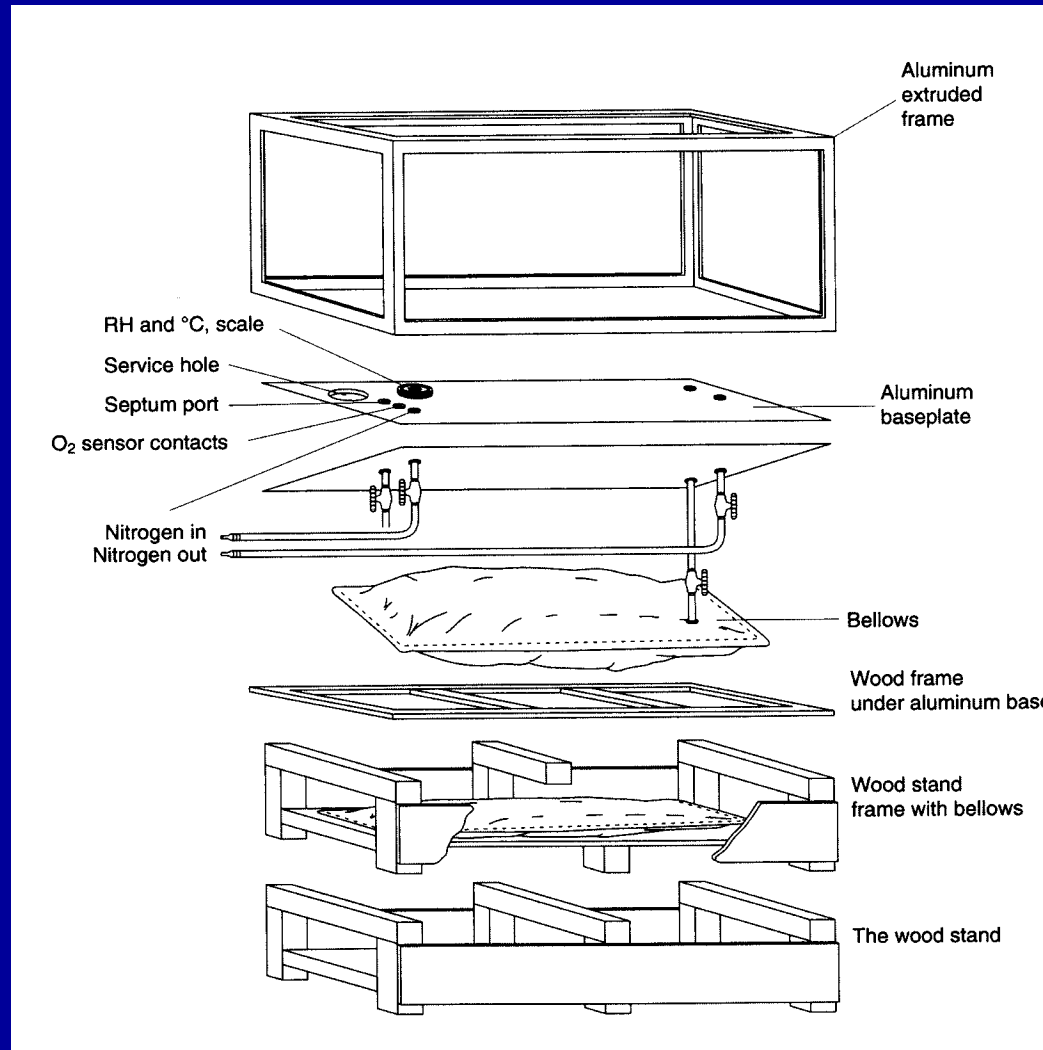
Silica gel tray



Egyptian Mummy Case



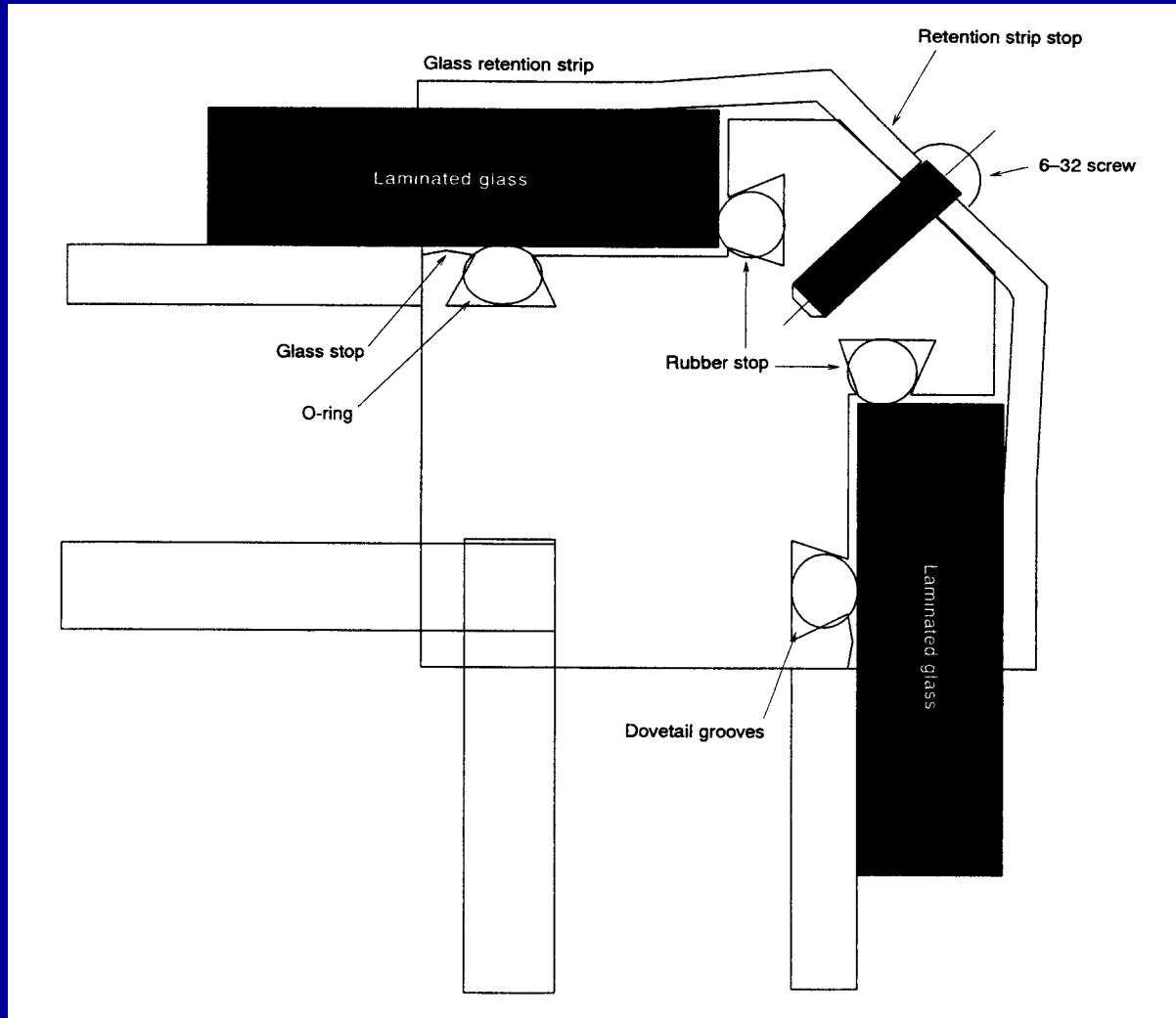
Exploded View of Mummy Case

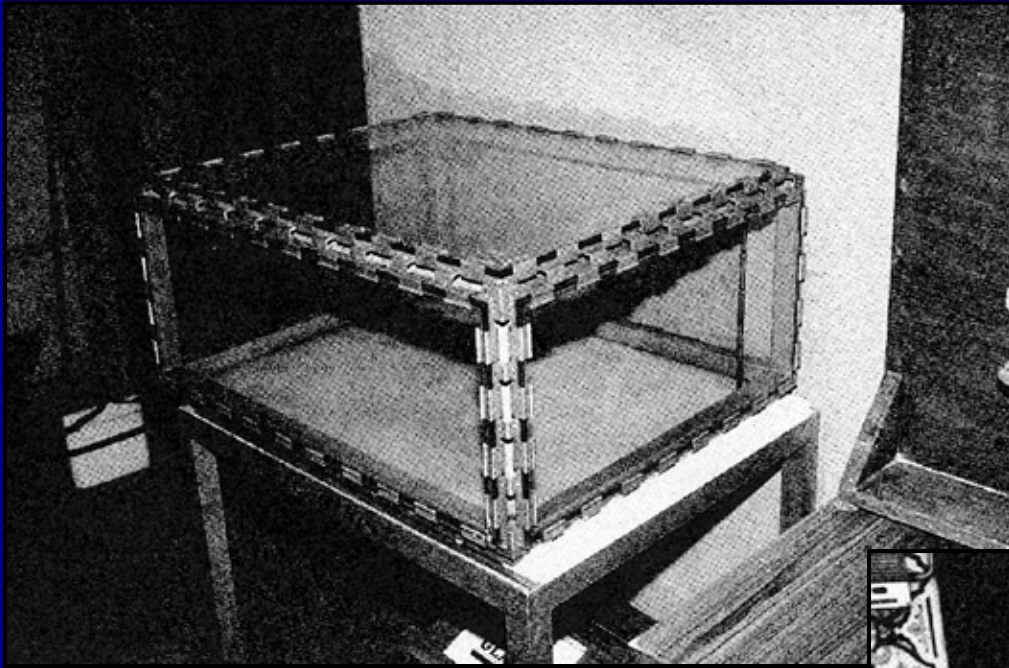


Constitution of India



Corner Joint and Gaskets





Case structure without
edge moulding

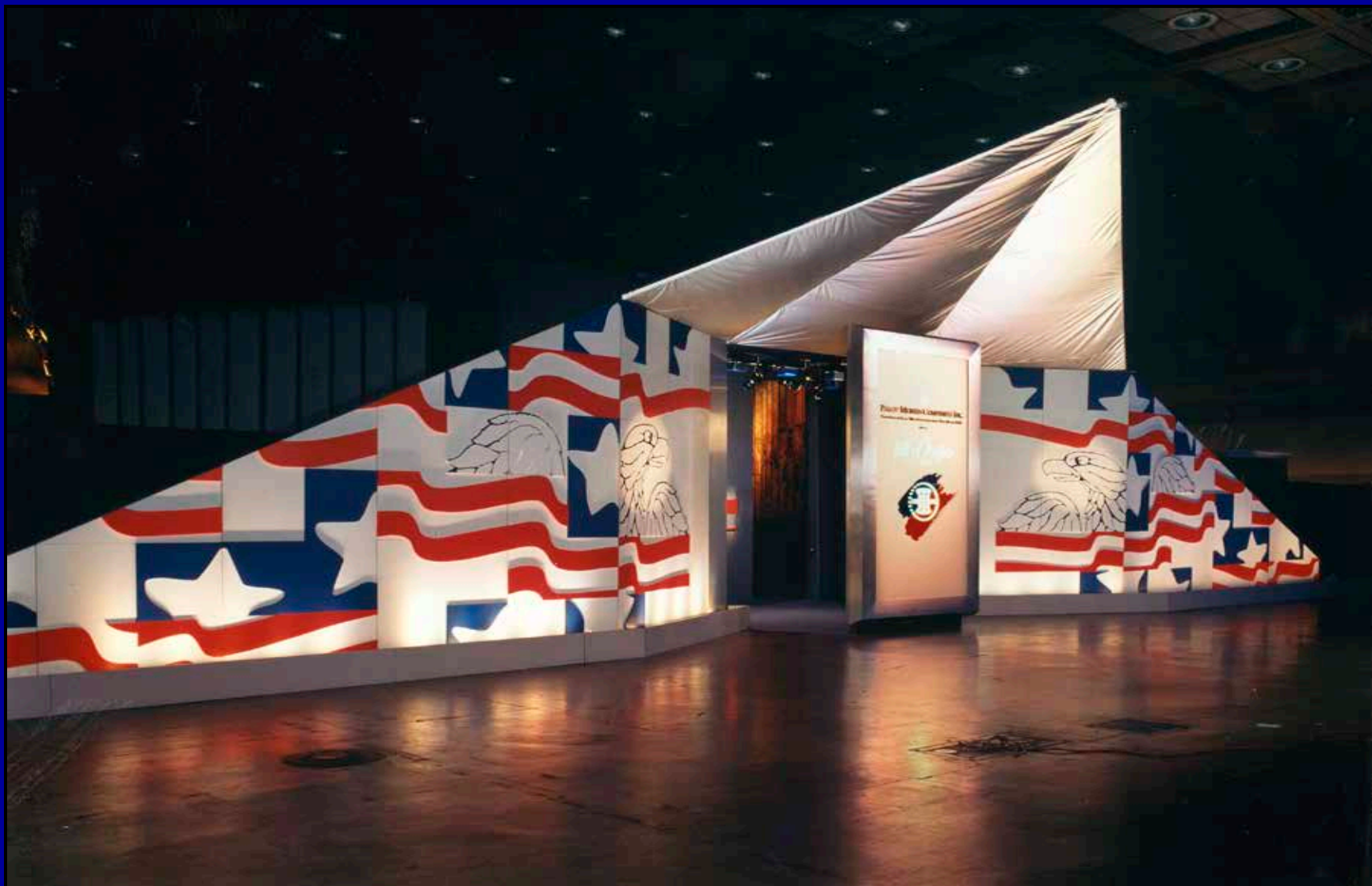
Case with applied trim



Virginia Bill of Rights



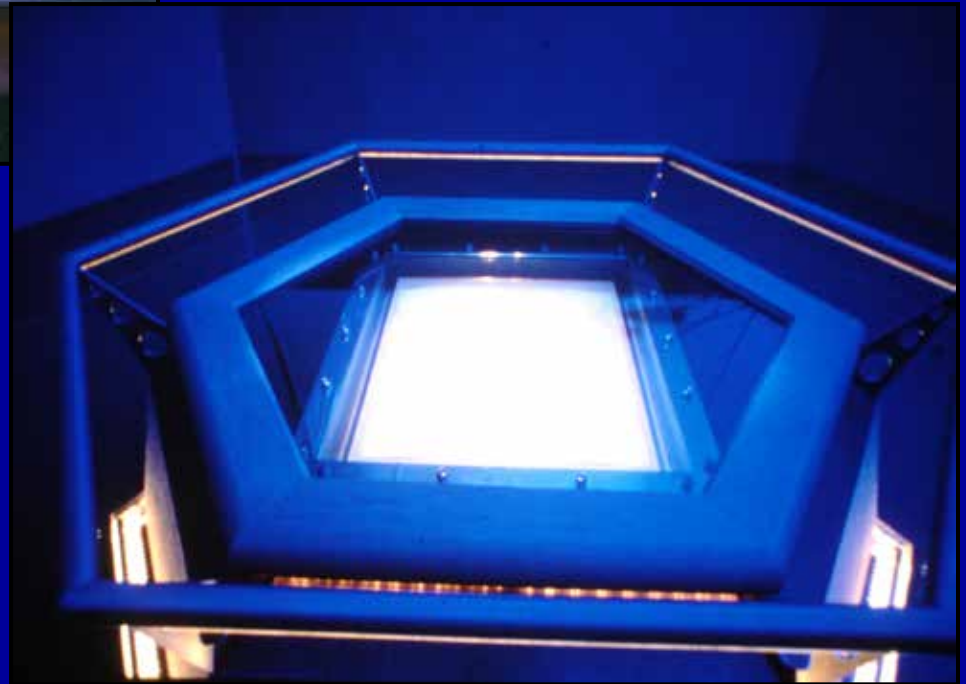
Entrance to the Exhibition



Virginia Bill of Rights



Exhibition case
and viewing stand



Transport Carriage



Bird's Eye View of Exhibition Space



Security Vehicle



Weekly Document Status Report

JUN-14-91 FRI 16:28 Associates & Ferren FAX NO. 5165377985 P.04

DATE: 5-18-1991 to 5-24-1991

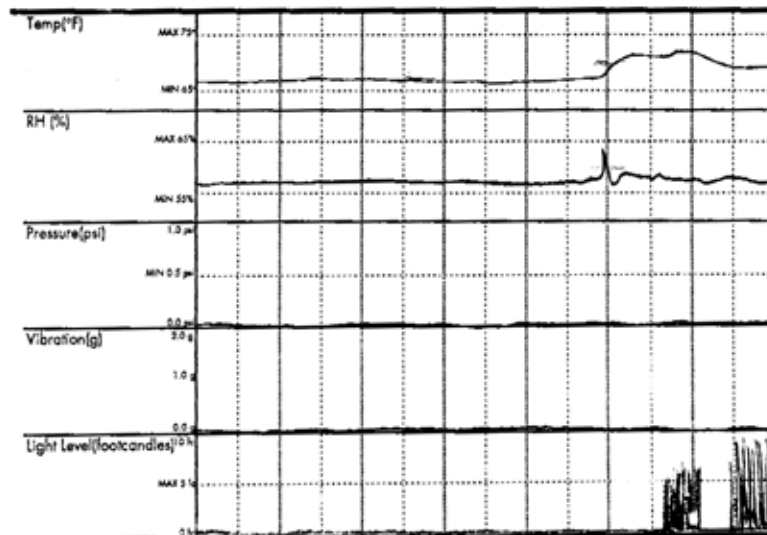
The Bill of Rights Tour

Associates & Ferren

Wainscott Northwest Rd. Wainscott, NY 11975 Tel: (516) 537-7800 Fax: (516) 537-7985

Weekly Document Status Report

Sat Sun Mon Tue Wed Thur Fri



System Status

Flame	OK	OK	OK	OK	OK	OK	OK
Smoke	OK	OK	OK	OK	OK	OK	OK
Motion	OK	OK	OK	OK	OK	OK	OK
Computers	OK	OK	OK	OK	OK	OK	OK
Alarms	OK	OK	OK	OK	OK	OK	OK
Satellite Comm.	DN	DN	DN	DN	DN	DN	DN
Global Positioning	OK	OK	OK	OK	OK	OK	OK

Elevation of Environmentally Controlled Case

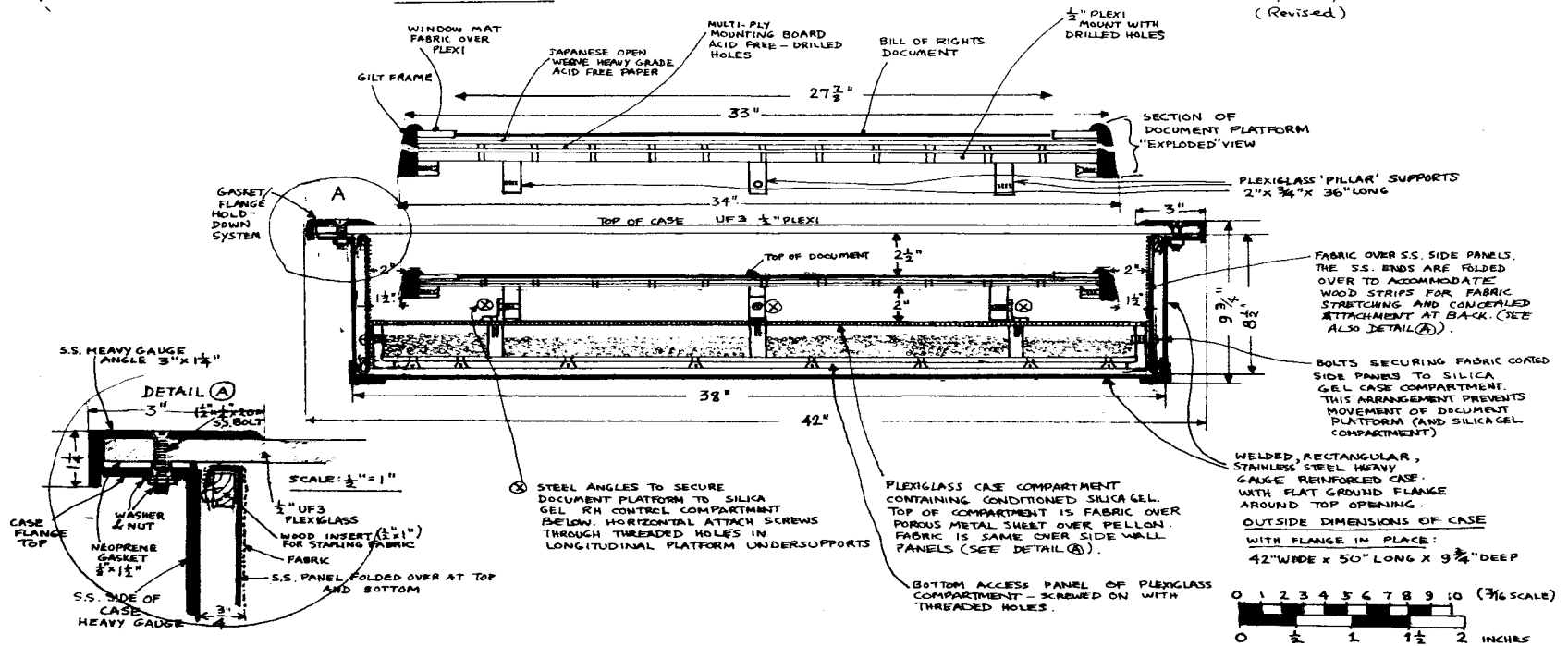
VIRGINIA BILL OF RIGHTS

ELEVATION (CROSS-SECTION) AT BOTTOM AND TOP SIDES OF ENVIRONMENTALLY CONTROLLED CASE.

SCALE: $\frac{3}{16}'' = 1''$, UNLESS INDICATED OTHERWISE.

DRAWING 2.

N. Stalow
April 6/90
(Revised)

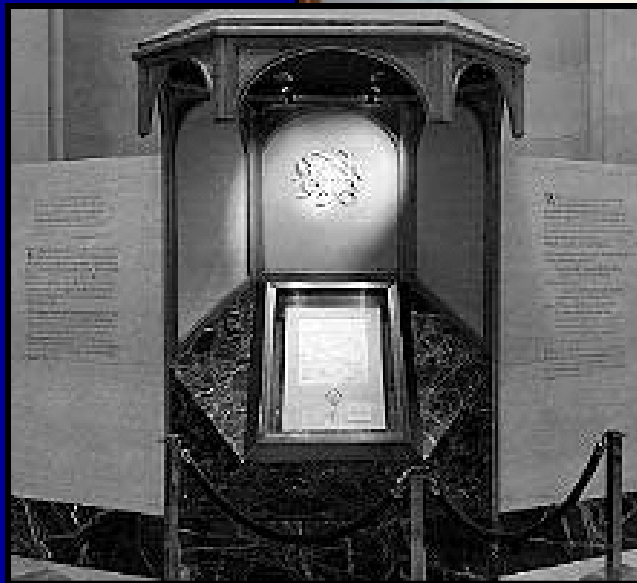


NATHAN STOLOW PhD FIC FAIC FCIC
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PHONE 804 253-0565

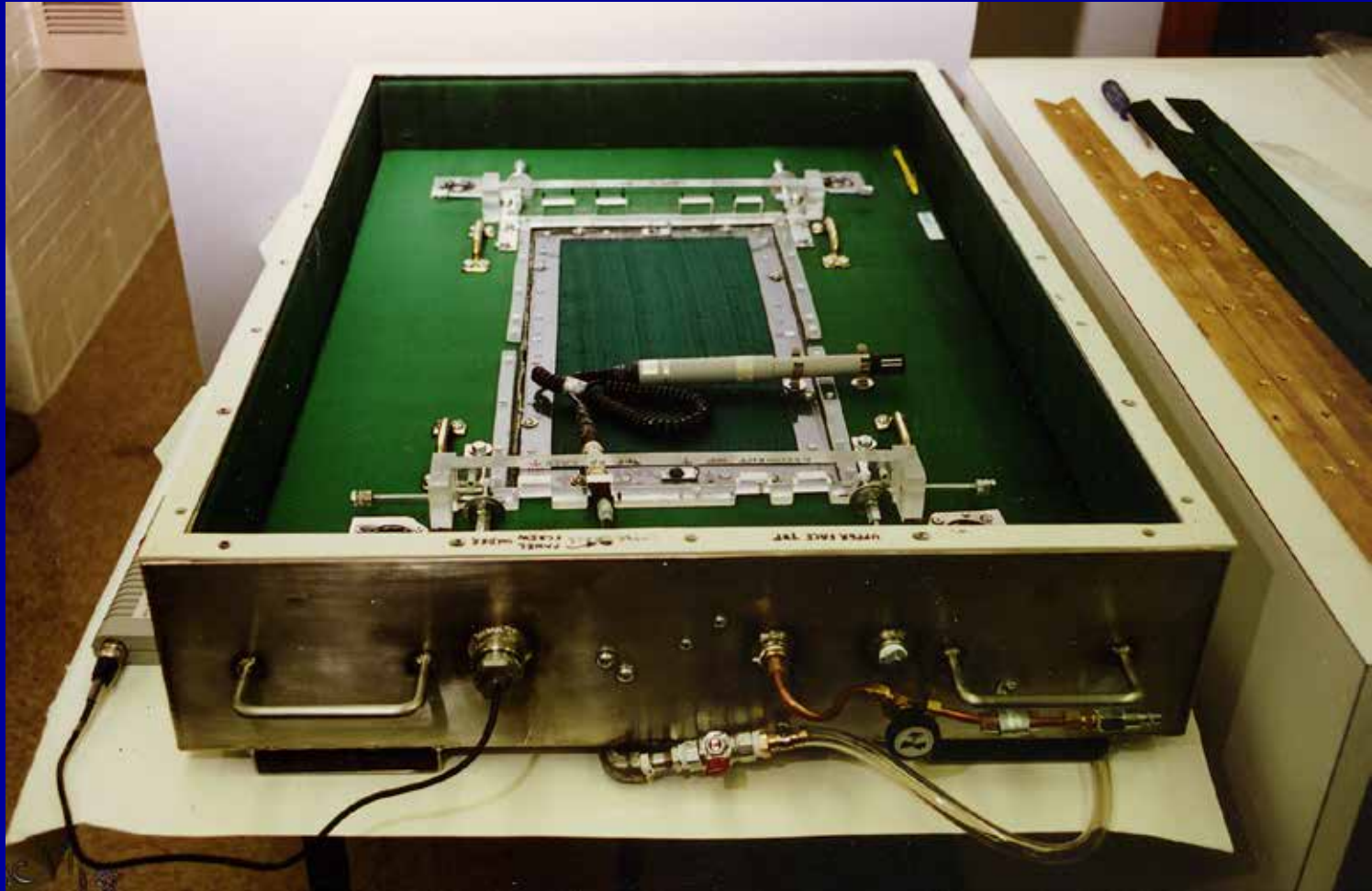
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April 1990.

CONSERVATION CONSULTANT
ENVIRONMENTS, COLLECTIONS, EXHIBITIONS, MUSEUMS, GALLERIES, ARCHIVES

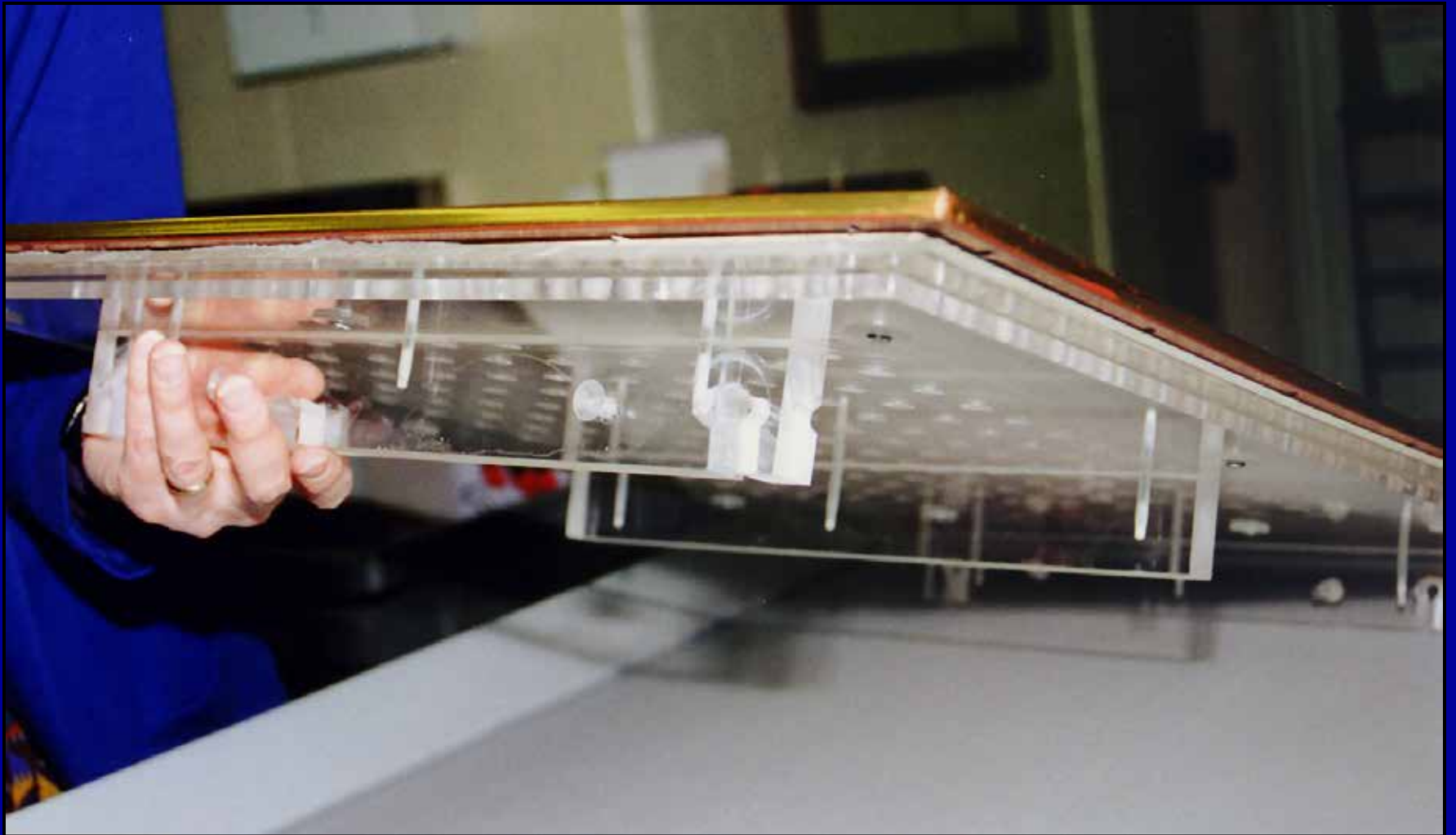
Magna Carta



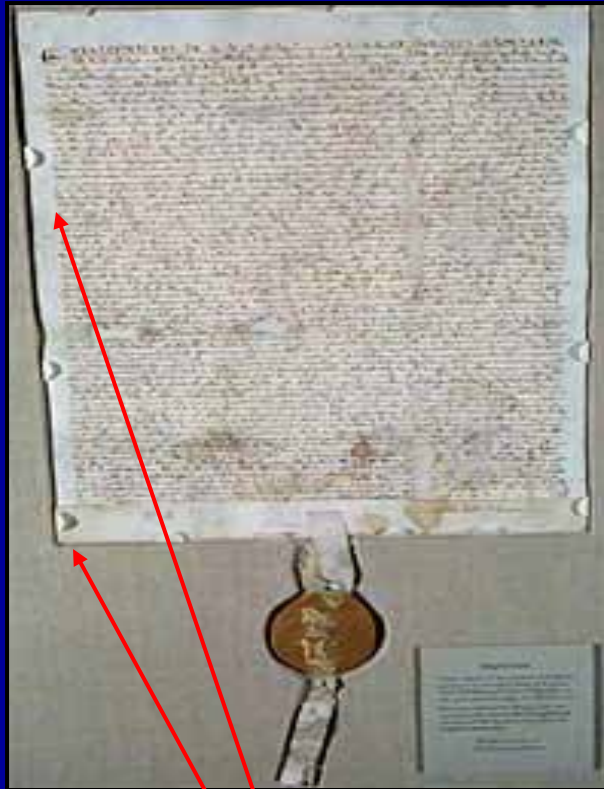
Enclosure for the Magna Carta



Perforated Acrylic Platform for the Magna Carta



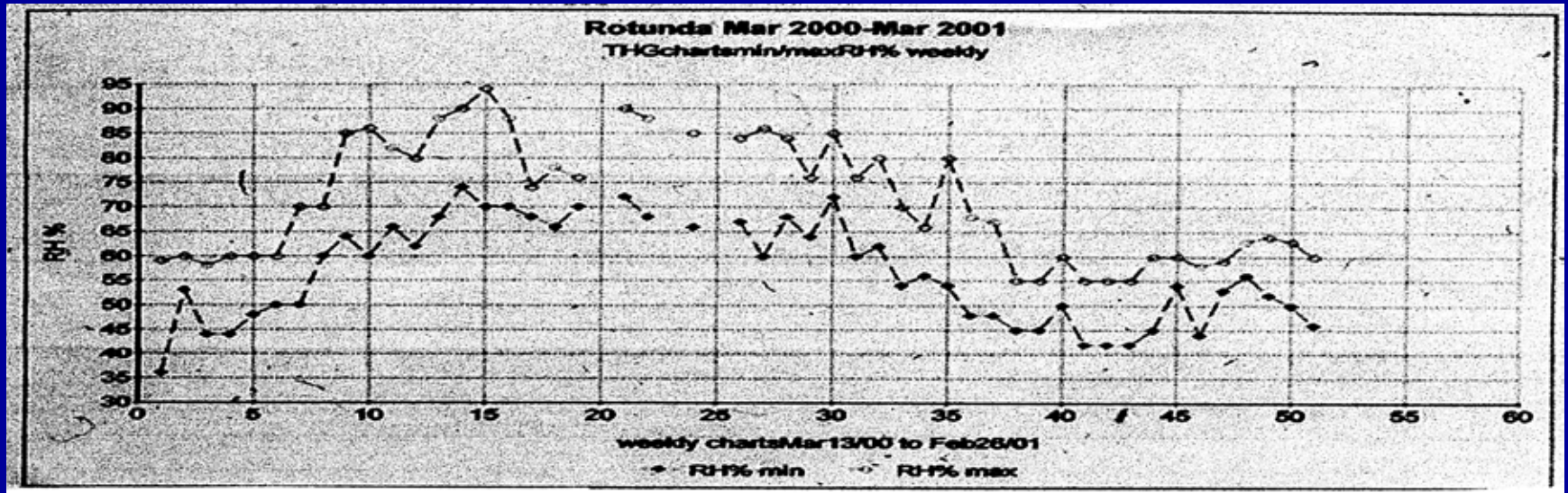
Magna Carta Mounted on Cloth Covered Perforated Platform



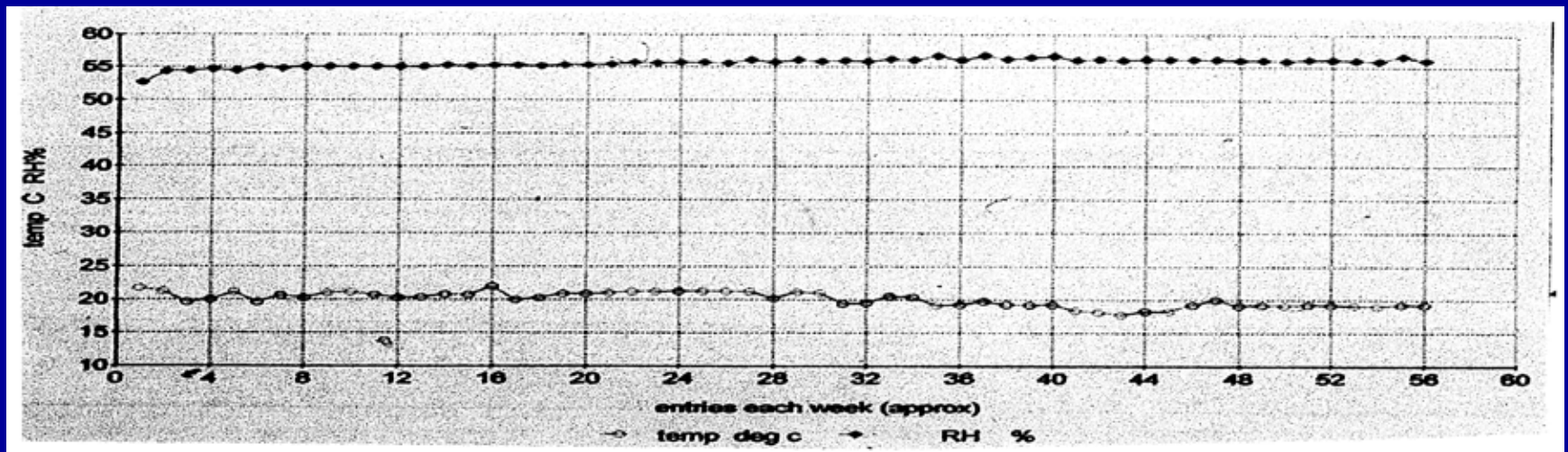
Polyester mounting tabs



Rotunda National Archives



Magna Carta Encasement



Transportation Pad



Metal Transportation Case



Final Display Case for the Magna Carta

