

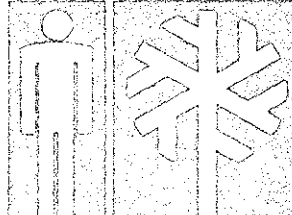
historic structures report

mechanical/electrical rehabilitation

main building

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MECHANICAL AND ELECTRICAL REHABILITATION

MAIN BUILDING

Ellis Island

Statue of Liberty National Monument

New York

CX-2000-8-0037

Phase IA & IB

For

National Park Service
Denver Service Center
755 Parfet Street
P.O. Box 25287
Denver, Colorado

Building Conservation Technology/The Ehrenkrantz Group
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Syska & Hennessy, Inc.
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Building Conservation Technology/The Ehrenkrantz Group with Syska and Hennessy have entered into contract with the United States Government, the National Park Service for the purposes of rehabilitating the mechanical and electrical systems of the Main Building and associated structures at Ellis Island, New York - New Jersey. Also included in the scope of work is the documentation and design of repairs for the exterior windows of the Main Building.

The following report reflects the altered list of priorities set by a joint meeting of the Denver Service Center, North Atlantic Regional Office, Liberty National Monument, BCT/TEG and Syska and Hennessy personnel on July 13, 1978, after review of the Phase IA preliminary designs for the rehabilitation of the mechanical and electrical systems of the Main Building and on-site inspection of the building. It was determined that without having a clearly defined program for the future use of the building at the present time, that the immediate goal would be to stabilize the building, to make it weathertight and to prevent further deterioration of the building structure. To accomplish this goal the exterior windows will be made weathertight, the masonry repointed and repaired, and the present electrical system upgraded to improve and increase lighting in the tour areas and to allow the storm drainage system to be heated to prevent freezing. The scope of work for Phase IB was thereby revised to include survey of all stone work, mortar analysis, recommendations for necessary repair of stone work, alternatives for the repair of windows and doors, and a revised electrical distribution design; and to eliminate rehabilitation of the mechanical system.

In light of this, the following report covers items F, G, H, I, J, K and L of the Phase IA work and all items of the revised IB scope of work. It includes a survey of the present condition of all exterior windows, doors and masonry of the Main Building, recommendations and outline specifications for the repair and restoration of the above, a design and outline specification for revised electrical distribution and

cost estimates for all items.

Measured drawings of the major window types and the design drawings for electrical distribution are submitted as a separate package with this report.

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I. Methodology

A. WINDOW SURVEY

To facilitate examination and documentation of the over 400 windows in the Main Building, three identification codes were devised:

M1 SKYLIGHTS, TICKET OFFICE	NUMBER M207	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONFIGURATION TECHNOLOGY THE BRUNNENBERG GROUP 19 West 44th Street, New York NY 10036	

1. Window Type

The first system distinguishes the various window types found throughout the building. Each different window configuration was sketched and analyzed to determine the basic forms. Each basic type was then assigned a letter from A to Z (see Appendix A, chart with line drawings of each type) and measured drawings were prepared showing elevations and sections of each type (Appendix E). Where the basic type had variations, numbers were added to the letter designations, i.e. the basic arched window found on the first floor was designated B1, and other doors and windows derived from it were labelled B2 through B6. The type code was then noted on the floor plans.

2. Window Numbers

Individual openings were further distinguished by a numerical code keyed to their location in plan. This code will facilitate the transmittal of information on each window, both in the current analytical phase and during the actual restoration work.

Windows of the facades, towers and interior light courts were grouped together and labelled first with letters corresponding to the compass direction and general location. Each opening was then assigned a three-digit number. The first digit identifies the floor, from 000 at the basement level to 400 at the roof. The next two digits correspond to the location within each floor. Openings were numbered consecutively, from left to right on the exterior facades, counter-clockwise from the southwest corner on the lightwells, and counter-clockwise from the west side on the towers. For example, the code can be broken down in the following way:

south facade third floor
 ↙ 302 ↘
 second window from the left

northwest tower roof level
 ↙ NWT-402 ↘
 south opening (door)

Skylights over the Ticket Office were coded M and numbered 201-214, from east to west and south to north. Numbers and their locations are shown on the plans in Appendix B.

3. Remedial Treatment Class

Field sheets containing an exterior elevation drawing of each different window type were prepared and numbered according to the above system. Each window was then inspected and the condition of its constituent elements--wood, glass, glazing putty, paint, concrete, stone or metal--was assessed. Areas in which the fabric had deteriorated and/or window functions were impaired were marked in the corresponding location on the survey sheet. In addition, the presence and condition of hardware, steel grills and screens were indicated. These

forms are intended to serve as the basis for construction documents for the restoration work.

After examination, the general condition of each window was assessed and it was assigned to one of three treatment classes--(1) Maintain, (2) Repair and (3) Replace--based on the amount and type of damage sustained and the nature of the necessary repair techniques. Listed below are the criteria used in making the decisions:

Maintain: Windows with little or no serious damage were placed in this category. All windows throughout the building need some form of maintenance, including removal of debris from sills, tightening of loose trim, replacement of broken glass, removal of corrosion from metal parts, filling of small holes or cracks in wood trim, and application of preservative treatments and paint.

Repair: Windows requiring any of the above work which also contained elements so seriously split, warped or decayed as to require replacement, were designated for Repair. The amount of work to be replaced could range from 1 to 50% of the total window parts, and varied from a single sash stop, needed in many of the basement windows, to several feet of ovolo moulding, two sills, two transom rails, four transom stiles and four outer sash tracks, needed in window E209 (Figure 1).

Replace: Windows which required renewal of greater than 50% of the parts were marked for replacement. As a rule, when more than 50% of the window had been damaged, deterioration had extended into the framing elements, thereby jeopardizing the structural integrity of the window. Many of the windows in this category have already fallen out and been boarded over.

B. MASONRY SURVEY

All brickwork and stone trim on the Main Building which was not included in the window survey was later examined separately. Particular attention was given to conditions which pose an immediate threat to the masonry such as exposed iron anchors or loose stonework. Problem areas were recorded on elevation drawings in Appendix D and keyed to descriptions in Part IIB of the text.

II. Condition Survey

A. WINDOWS

After over 20 years of unmitigated exposure to the elements, all the windows show signs of deterioration. Protective paint coatings have cracked and peeled, allowing moisture to come into direct contact with the bare wood and metal and thereby initiating decay and corrosion. The following conditions were noted on all window types:

--The windows have accumulated large amounts of extraneous matter. Sills are covered with dirt, leaves and decayed screens, often as much as several inches deep. This debris retains moisture, endangering adjacent wood sills and mouldings, and encourages the growth of plants, whose roots may damage masonry units and mortar. Nails, spikes and staples have been attached to the exterior wood trim. As they corrode and expand, they cause the wood to crack and split.

--Both glazing putty and caulking between the wood frame and masonry surround have cracked and peeled, reducing the windows' weathertightness.

--Sash stops are loose, swollen, split or missing on almost all windows, preventing smooth operation of the sash.

--All windows appear to have steel lintels between the exterior stonework and interior wood framing or plaster surround. Where the head framing has rotted through or the plaster has deteriorated, as in the third floor central windows (Type X), the lintels are exposed and have corroded. Windows on the second floor of the light courts (Type P) have no stone lintels, only the steel lintels covered with copper flashing. In all cases, this flashing has come loose and the lintels are corroded, splitting and sagging. The resulting pressure on the bricks below has caused some of the masonry framing the windows to crack and spall and will eventually cause damage to the

windows themselves (Figure 2).

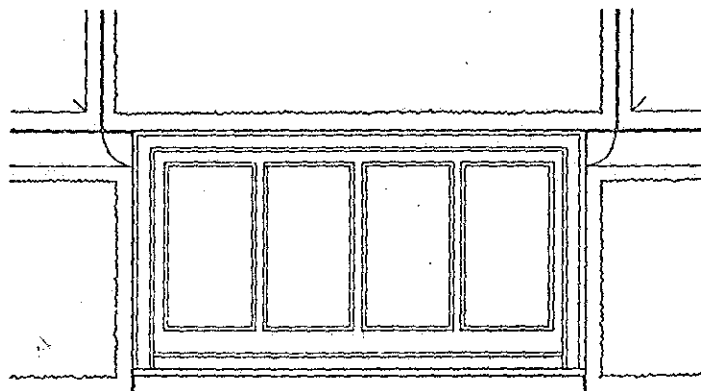
--Hardware on all windows is rusted and stiff. Where sash weight chains or transom opening mechanisms are frozen or broken, the windows frequently are stuck open, allowing rain to damage interior stools and framework. Window hardware was documented photographically and is illustrated in Figures 3 through 29.

--Wooden screens were installed over the lower sash and/or transoms of most windows. As a rule, where exposed to the weather, they are in poor condition, with rails and stiles split or warped, mouldings twisted and the wire mesh corroded.

--Almost all windows have had metal grating or grilles attached to the exterior surround. Though most have lost their protective paint coatings, the rust is primarily superficial.

Condition of the windows was greatly dependent upon their particular design and location. Descriptions of each of the major window types and their problems are therefore given below. Detailed data for individual windows in these types, as well as for the other minor window forms, are included in Appendix C.

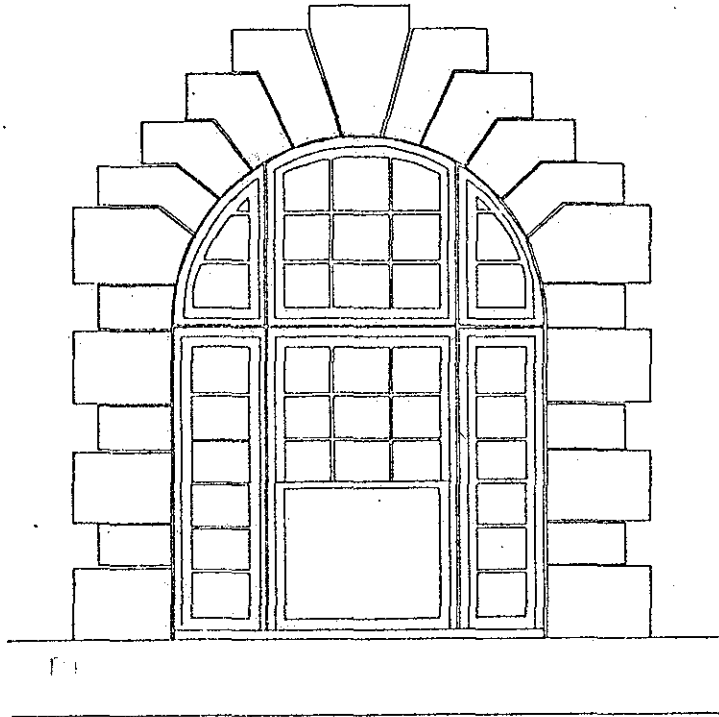
A BASEMENT WINDOWS



Maintain:	6
Repair:	22
Replace:	5
Total:	33

The basement windows are relatively small, with four vertical lights, and are set deeply within the granite surrounds. Because they are small and well-recessed, they have been sheltered from the weather, and though 22 were marked for repair, the work required is generally simple. Splitting or rot, where present, is confined to the outer jamb mouldings, sill and bottom sash rail. A number of the openings appear to have been refitted with casement sash, which should be replaced with awning windows in order to present a uniform appearance across the facade.

B FIRST FLOOR WINDOWS AND DOORS



· Maintain:	4
Repair:	28
Replace:	5
Total:	37

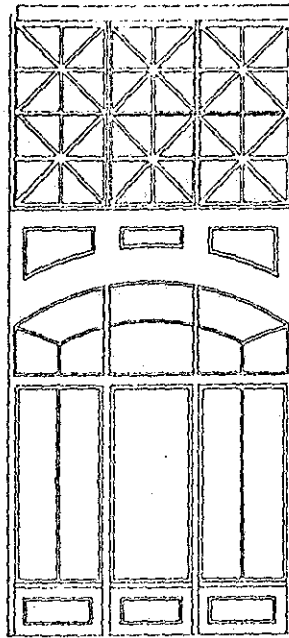
The first floor windows and doors are among the largest and most complex in the Main Building. They are composed of a semi-circular transom with 9-light sash in the center and 3 lights on each side, and a lower section with 9-over-1 sliding sash and 6-light sidelights. The transom and some of the side windows pivot at the center.

All but 4 of the 37 windows and doors are in need of some repair,

and 5 are so badly damaged as to require replacement. Most problems are related to open joints. The separate sash units in each window are framed with ovolo mouldings which were carelessly applied. Gaps have opened in the mitred corner joints and the butt joints around the arch of the transom on almost all windows, and water seeping into the end joints has caused the wood to check and rot and the nails holding the mouldings to corrode. Deterioration frequently extends to the outer stops behind the ovolos. The sash units themselves incorporate 54 muntin joints, most of which have opened, allowing water to enter and damage the interior elements of the joint.

All doors are in very poor condition (Figure 30). Panels and decorative detail are checked, loose or missing, transoms are rotted and locks, handles and other hardware have been removed. Most doors should be completely replaced.

C1 and C2 ARCHED WINDOWS OF THE GREAT HALL



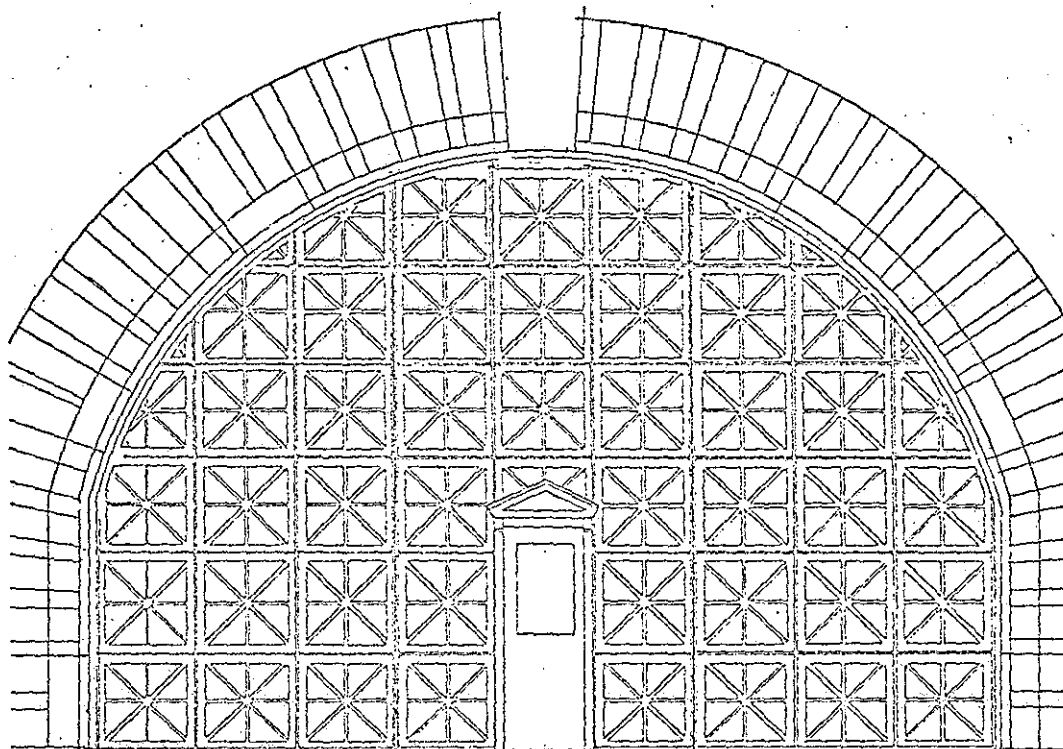
	C2 Wood Doors	C1 & C2 Metal Sash
Maintain:	-	15
Repair:	-	-
Replace:	6	-
Total:	6	15

(Note: Numbers refer to window units as divided for the purpose of examination and recording.)

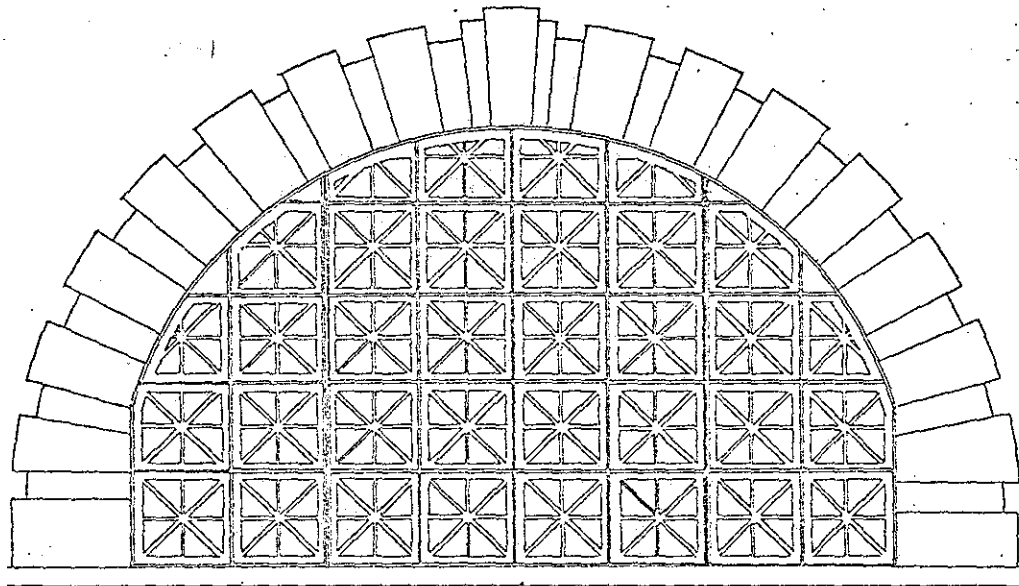
The sash and framework of the Main Hall windows are composed entirely of metal. Sash on the first floor, which replaced the original entranceways, is extruded bronze, while the framework and transom windows which fill the remainder of the arches are made of steel. Though the paint covering has peeled, the bronze oxidized and the steel has corroded, this has not affected the structural integrity

of the parts. The only other impediment to normal operation of these windows appears to be the hardware; the closers on the bronze windows are frequently stiff or missing screws, and the complex mechanism for opening the steel transoms is heavily corroded and missing parts.

By contrast, the wood doors at the second floor level of the arches are badly deteriorated. Panels and stiles are checked, mouldings are loose and hardware is missing. All require replacement.



C3 and C4 CLERESTORY WINDOWS

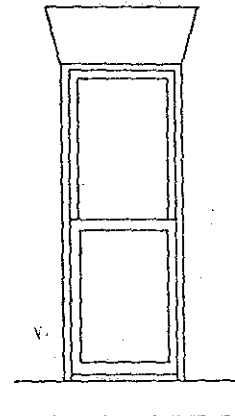
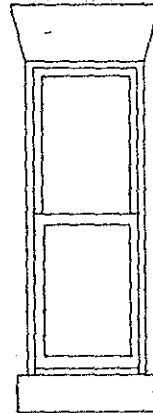
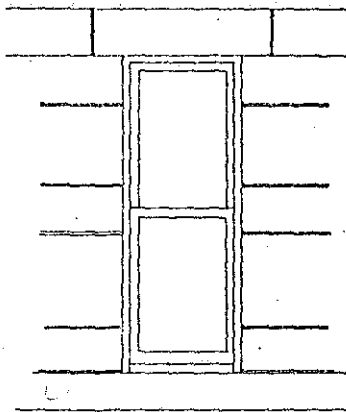


Maintain: -
Repair: -
Replace: 8
Total: 8

(Note: Numbers refer to the entire window area.)

The clerestory windows are constructed of multiple 8-part wooden sash units set into an arched wooden framework. They have been exposed to the most extreme weather conditions, and consequently are severely deteriorated (Figures 31 and 32). Mouldings, stiles, muntins and rails are checked and almost all joints are open. Approximately 95% of the sash members require replacement. The mechanism for opening the sash, similar to that found on the C1 and C2 windows, does not appear to be functional.

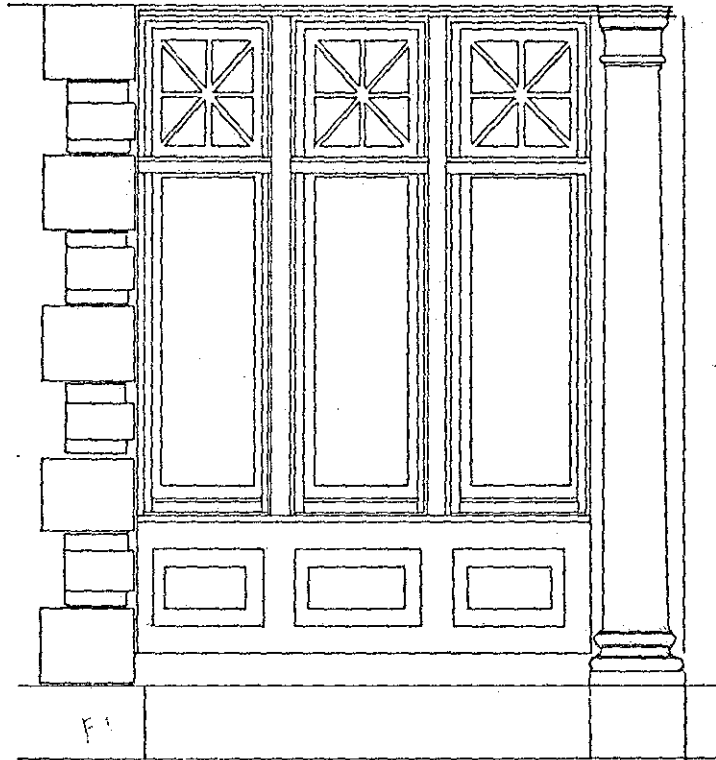
- E BATHROOM WINDOWS
- K TOWER WINDOWS
- W BATHROOM WINDOWS NEXT TO TOWER



Maintain:	25
Repair:	15
Replace:	3
Total:	43

All three types are similar in construction--small, vertical windows with 1-over-1 sash and deep stone or brick reveals--and are in similar condition. Relatively well-protected, 25 of the windows require simply routine maintenance, while the remainder need only minor repairs, such as replacement of split ovolos or bottom rails, with the exception of 3 windows in the light courts and the first floor which have been subject to exceptional water damage.

F TICKET OFFICE



Maintain: -
Repair: 4
Replace: 12
Total: 16

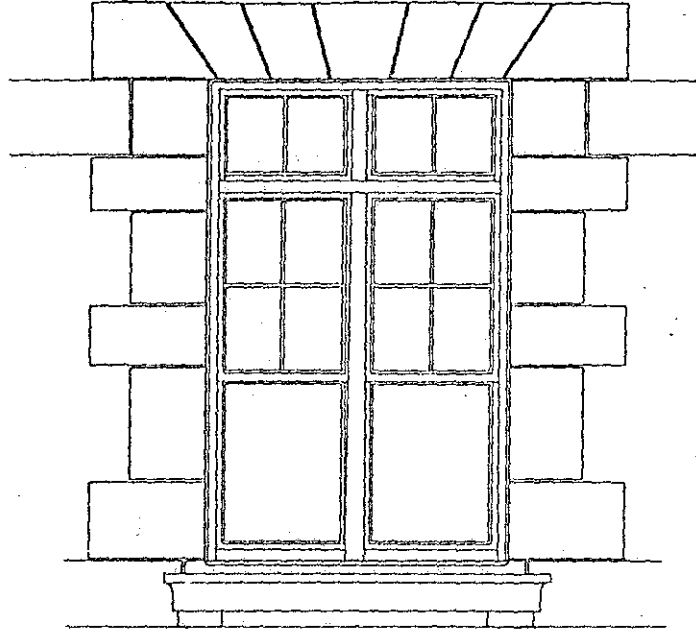
(Note: Numbers refer to wood portion of window bays.)

Ticket Office windows are made of wood sash and interior panelling set into cast iron columns and framework; three windows to a bay. The metal is generally in good condition, despite loss of paint and subsequent corrosion. Over half the cast-iron pieces separating the windows have split at the bottom and should be welded together. The copper panels below the sills on the exterior elevations have

buckled in some places and have lost screws.

The wood sash and interior framing, by contrast, are in very poor condition. 40% of the sills and/or lower rails are split. Joints in the 8-part transom windows are generally open. Mouldings along the iron frame are usually loose. On the interior, water running down the walls has detached large quantities of plaster and caused warping and rotting in the frames. The secondary members have bent in turn, and in many instances, the entire window frame has pulled away from the metal casing (Figure 33).

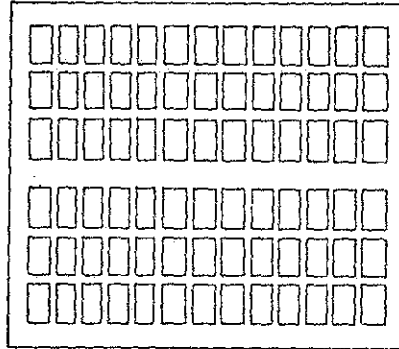
J SECOND FLOOR WINDOWS



Maintain:	1
Repair:	15
Replace:	21
Total:	37

The exterior second floor windows are made up of two 4-over-1 sash windows with a 2-light transom above each. As on the first floor, the ovolo mouldings framing the openings are generally loose, open at the joints and split. Over half the windows have rotten transom bars and lower transom sash rails, and nearly as many have rotten heads (Figures 34 and 35). This has been caused both by water penetration through the exterior lintel joints and by water running down the interior walls from leaking gutters. The side jambs have subsequently rotted, and 21 of the 37 windows require total replacement.

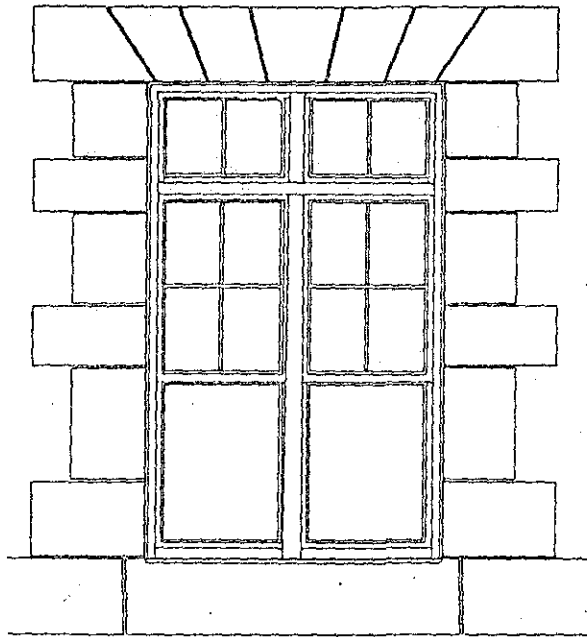
M SKYLIGHTS IN THE TICKET OFFICE



Maintain:	-
Repair:	2
Replace:	12
Total:	14

The glass blocks of the skylights are set into reinforced concrete. Moisture appears to have penetrated around the edges of the glass, corroding the re-bars and thereby causing the concrete to crack and spall. From twenty feet below, extensive damage was evident (Figure 34); smaller hairline cracks may also be present though not visible at that distance. Because the concrete and reinforcement are so badly deteriorated, and since the surrounds were originally poured in a mold, these windows cannot be repaired, but must be completely replaced.

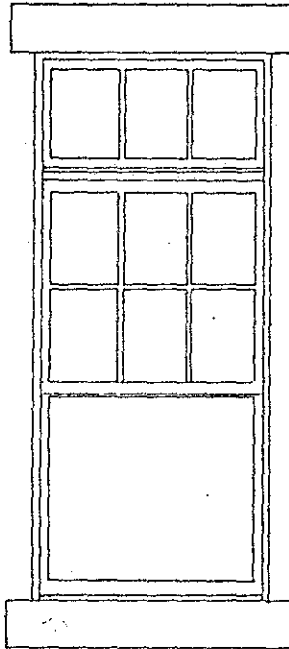
S THIRD FLOOR WINDOWS



Maintain:	-
Repair:	14
Replace:	24
Total:	38

Except for minor changes in the transom and surround construction, the third floor windows are identical to those on the second floor, and suffer from most of the same problems. 14 of 38 windows require repair including replacement of sash, sills, transoms and framing (Figures 35, 36, 37, and 38). Ten windows on the north and east facades have already fallen in and 14 other windows are so badly damaged that total replacement is indicated.

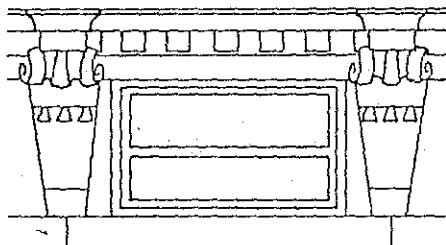
T THIRD FLOOR LIGHT COURT WINDOWS



Maintain:	3
Repair:	22
Replace:	6
Total:	31

The most prevalent window type in the light courts has a three-light transom above 6-over-1 sash. With these windows, the most serious problems were located in the transom bar and above it, where water appears to have collected, causing the transom bar members to split and warp and the bottom rails, stiles and muntins of the transom sash to rot. In some cases, deterioration is so advanced that only a quarter-inch shell remains of the bottom rail. 21 out of 31 windows have succumbed to such problems, the only exceptions being those with a protected western exposure.

X THIRD FLOOR WINDOWS IN CENTRAL SECTION



Maintain:	16
Repair:	12
Replace:	2
Total:	30

Windows of this type are composed of a single horizontal pane of glass which pivots on hinges in the center of the side rails. They are set into deep limestone and brick reveals, so that the exterior trim is generally in good condition. The interior faces, however, appear to have wet and dried repeatedly as a result of the malfunctioning drainage systems. Many of the windows on the southern side have joints open as much as one quarter of an inch, and many have rotten aprons. Water has also dissolved the plaster above the windows, exposing the steel lintels, which have corroded and are beginning to bow. While damage to the interior trim is still largely cosmetic, the rusting lintels will eventually cause the windows to buckle and collapse.

B. MASONRY

1. Limestone Surrounds

Damage to the limestone surrounds ranges from fine flaking to spalling of large stone chunks. It seems to have been generated by two factors--open mortar joints and corroding iron anchors.

Almost all the stonework and adjacent brick is in need of repointing. Joints are open and rainwater has accumulated within, where it freezes and causes the sides of the joints to spall. The open joints have also allowed water to penetrate into the walls. The effects of this penetration are particularly noticeable in the windows of the second and third stories, where open joints in the soffits conduct water into the head framing, causing the framing to decay. In about one quarter of these windows, the frame has sagged or fallen in completely.

Mortar deterioration has also caused movement within the surrounds. The resulting damage ranges from cracked corner blocks, found in about three-quarters of the exterior second floor windows, to half-inch shifts or bulges between the masonry units (see Figure 39).

The most serious threat to the stonework appears to be corroding metal from several sources. Some windows, such as those on the northwest corner of the second floor, have iron cramps drilled through the center of the inner face of each stone block. In the northwest corner, where all the third floor windows have fallen in, the boarding used to block the openings has been secured to the masonry with iron bolts. The majority of the other windows have or had steel protective grills attached directly to the stone surround with iron anchors.

In all three cases, as the metal has corroded, it has expanded in volume, shattering the adjacent stonework (Figure 41). Extensive damage has occurred in the northwest corner, where as many as half the masonry units containing cramps have spalled (Figure 42), and along the south side of the first floor, where grills were inserted into the stone reveal and the entire reveal area has subsequently spalled (Figure 43). This damage has been covered with concrete patching, which is visually incompatible and has already begun to crack itself. Where grills were installed on the face of the surrounds and remain in place, the paint on the metal appears to have protected the anchors from moisture. Where the grills were removed, most of the anchors were simply left in place. Some were covered with lead, but many have been exposed, rusted, and damaged the stone (Figure 44).

Many areas of the stonework have been stained, either by copper in the roof and drainage system or by rusting iron in the grills and anchors. In some cases, the deposits of iron oxide on the sills has a perceptible thickness.

2. Stone Trim

Masonry deterioration in the remaining parts of the Main Building is similar in nature and origin to that found in the window surrounds. In all areas of the brick and stonework, mortar joints are open, and in several places corroding ironwork has caused serious deterioration of the limestone units.

The most extensive damage has occurred in the eaves of the Main Hall roof (shown in Figure 45 and numbers N2, N3, N4, N5, S16, S17, S18, S20, S21 and S22 on the elevations in Appendix D). Anchors for the

stone fascia are located directly below the joints of the eave mouldings. As the mortar in these joints has deteriorated, water has penetrated behind the stone, causing the anchors to corrode and expand and the stone around them to spall. Four areas (N5, S16, S17 and S22) have exposed anchors and six more contain varying degrees of horizontal or circular cracking.

Similar problems occur within the second and third floor cornices. Pieces of stone are missing in nine locations (E10, E11, E14, W4, W5, W6, W7, S4 and S5) and twelve more are cracked (N15, N12, N20, N28, E7, E8, E16, E18, E24, S2, S3, S6 and the Northwest Light Court near window 304). In addition to this, slight spalling and efflorescence are present along many of the stone joints, and repointing is required throughout as a result of leaking in adjacent gutters (see Figure 39 and N22 and N27). Area S30 has joints open nearly one inch.

The four towers contain from three to twelve exposed anchors in quoins near the base. There also are rusting bolts drilled into the third, fourth and fifth stones from the bottom of the Southwest Tower (see S11 and S12) and the eighth, ninth, tenth and eleventh stones in the Southeast Tower (S33 and S34). In the Northwest Tower, expansion of the sleeves has already caused serious damage in three of the six affected stones (see N23, N24 and Figure 48), and similar problems may be expected in the remaining areas if the metal is not removed.

Decorative limestone bands run along the top and bottom of the second and third floor windows. Twenty seven blocks in these bands have vertical cracks ranging in length from 1" to the width of the unit (see N13, N14, N21, N28, E6, E9, E13, E15, E17, E19, W8, W9, W11, W13, S7, S8, S31, S32 and S29). Although they presumably result from building settlement and are thus probably inactive, the cracks pose potential problems. Most are located in the center of the blocks, where the anchors were probably placed. Water penetrating through

the cracks can thus corrode the anchors and damage the stone. The upper band at S31 has already spalled, exposing the anchor. For this reason, the cracks should be patched.

All four sculpture groups outside the Great Hall are undergoing deterioration (N17, N18, S27 and S28). The stone has spalled along the joints of the shields, on top of the scrolls and on the right wing of the northwestern eagle (Figures 49 and 50). The fruit clusters at the bottom of the compositions are encrusted with dirt and efflorescence. Although decorative elements have not been given a high priority in the current scope of preservation work, the existing cavities should be filled so that water cannot collect and freeze within them, causing further damage to this original artwork.

There are a number of other, less serious masonry problems. Much of the stonework adjacent to gutters is covered with copper stains (E2, S19), and one corner contains pigeon nests and droppings (S1). The outer skin of the granite water table is spalling around most of the building. Nails and miscellaneous hardware which may cause damage are located in quoins (E23, N33) or around sills (E20, E21 and E22) and hurricane fencing has been attached to the masonry at N30 and S35. Two of the first floor limestone blocks are cracked (N32, W12), as are decorative bosses beside the panels on the Northwest and Northeast Towers (N19, N16). Two quoins on the facade of the East Wing have pulled out (E5, N11) and brick is cracking along the quoining at N31 and E12.

As a result of greater exposure, several more problems are concentrated in the roof area. Numerous quoins in the vertical bands on the east and west facades have cracked (W1, W2, W3, E3, E4) and anchors are exposed at W1. In the towers, cracking or minor spalling has occurred in the triangular pediments (SS1, NN7, SS9), the arched pediments (SS12, SS14) and base or corner stones (NN2, NN8), but the

only damage requiring immediate attention is located adjacent to the arched openings (SS2, SS3, SS4, SS10, SS11, SS13 and NN1). The balustrades on the north and south facades have cracks or slight spalling in the sills (NN5, SS8, SS23, SS24), railings (SS5, SS24, SS25) or sides (NN3, SS6, SS26 and NN4) and large patches in several locations (NN6 and SS7). The balustrade at the south side of the east facade (E1) is slightly cracked and needs repointing.

The last masonry problem is primarily structural. The brick-and-stone parapet over the Ticket Office has begun to fall outward in two locations (N25 and N26), creating gaps as great as 2" between the top stone and the surrounding brickwork. The anchor system should be examined and the walls rebuilt if necessary.

3. Mortar

Examination of the masonry joints in the Main Building revealed that although the mortar itself is still hard and pointing appears sound when observed from the ground, there are several problems in the joint construction. In the stonework, cracks have opened between the mortar and masonry as a result of mortar shrinkage and building settlement. (See Figures 39, 41, 42 and 45.) In the brickwork, the lime-rich mortar has weathered back from the brick surface as much as 1/4", creating shelves in which rainwater can collect and be drawn into the wall by capillary action.

These problems occur in 75-85% of all mortar joints, but it is recommended that the entire building be repointed in order to insure a uniform appearance. The square foot area of brick and stone was estimated by preparing rough elevation sketches, taking measurements of overall dimensions and trim, and adding known dimensions from measured drawings of the window types, since measured elevation drawings of the Main Building do not exist. Using this method,

the total area of brick to be repointed was calculated to be 56,000 square feet, and the total area of stone 85,900 lineal feet.

Samples of original mortar weighing approximately 8 ounces each were taken from joints between the bricks and limestone trim on the roof level of the Northwest and Northeast Towers. To provide a basis for the formulation of new mortar recipes, ASTM tests C-85 and C-136 were performed on the samples. The results are included on the following page. The mortars were also matched with standard color samples in the Munsell color system, as follows: brick mortar - 2.5Y 6/2 and stone mortar - 5Y 7/1.

AMBRIC TESTING AND ENGINEERING ASSOCIATES OF VA., INC.

REGISTERED ENGINEERS
• INSPECTORS •



TESTING LABORATORIES
• CHEMISTS •

4110 Wheeler Avenue
Alexandria, Va. 22304
703-370-3100

V - 749

14 August 1978

Building Conservation Technology, Inc.
Suite 1117, 1010 Vermont Ave., N.W.
Washington, D.C. 20005

Re: Ellis Island

Attn: Ms. Mary L. Oehrlein AIA

Dear Ms. Oehrlein:

We report the results of our tests on mortar from the referenced project. ASTM C 85 and ASTM C 144 were the test procedures followed.

TEST RESULTS:

ASTM C 85

Sample No.	Proportions	
	% By Weight	% By Volume
#1 Brick Mortar		
Cement	8.2 %	4.99
Sand	50.9	36.29
Lime	40.9	58.58
#2 Stone Mortar		
Cement	10.8	6.33
Sand	42.5	29.29
Lime	46.7	64.37

Sieve Analysis

ASTM C 144

Sieve Size	% Passing	
	#1 Brick Mortar	# 2 Stone Mortar
# 4	100	100
# 8	94.3	94.6
# 16	77.6	72.1
# 30	59.7	52.7
# 50	39.1	36.1
#100	7.8	3.0
#200	1.0	.6

Respectfully submitted,

F. W. Williams
F. W. Williams, P.E.
Executive Vice President

C. PAINT ANALYSIS

The painted exterior trim of the Main Building was examined to determine the original and all subsequent paint colors. Examination was made of approximately 75-100 of the 410 window and door openings. Considerable variation was found in the number of paint layers depending upon the location of the window/door; the light court windows and those not easily accessible have fewer paint layers. The layering sequences shown on the following paint charts labeled as original window frames and sash are the typical and most complete of the sequences recorded. At the time of the original building construction, the window and door frames were painted light green (7.5GY 6/2), the sash and metal arch windows were painted medium green (10G 4/4), and the doors were painted black (N2.).

The Railroad Ticket Office was added to the north elevation of the Main Building in 1904 and therefore the cast iron and wood frames and wood sash are missing the first two paint layers. The third floor of the west wing was added in 1911. At that time all of the trim was painted light green. In 1913-14 the third floor was added to the east wing. This marked the last major addition/change in the exterior appearance of the Main Building. It is therefore recommended that the paint colors used at the completion of this construction be the ones chosen for the present repainting endeavor. All of the wood door and window frames and the frame and sash of the metal arch windows were painted medium grey (N5.5). All of the wood window sash and all of the doors were painted dark grey (N4.0)

The paint used on the trim of the building throughout its history was oil based paint and had a medium gloss finish. The complete layering sequences and the Munsell codes for each paint color

are recorded in chronological order on the following charts. The original paint layer appears at the top of each column, the most recent layer at the bottom. The darkened horizontal bar indicates the paint layer applied at the time of the third floor east wing construction and are those colors recommended for use in repainting.

EXTERIOR PAINT ANALYSIS - MAIN BUILDING

ORIGINAL WINDOW FRAMES (1900)	MUNSELL CODE	ORIGINAL WINDOW SASH (1900)	MUNSELL CODE	3RD FLOOR WEST WING WINDOW FRAME (1911)	3RD FLOOR WEST WING SASH (1911)	3RD FLOOR EAST WING WINDOW FRAME (1911)	3RD FLOOR EAST WING SASH (1914)	DOOR FRAMES (1900)	DOORS (1900)
lt green	7.5GY 6/2	med green	10G 4/4					lt green	black
tan	5Y 7/2	tan	5Y 7/2					tan	tan
dk grey	NA	dk grey	NA					dk grey	dk grey
dk brown	10YR 4/2	dk brown	10YR 4/2					dk brown	dk brown
lt green	7.5GY 7/2	lt green	7.5GY 7/2	lt green	lt green			lt green	lt green
med grey	N5.5	dk grey	NA	med grey	dk grey	med grey	dk grey	med grey	dk grey
lt grey	5Y 7/1	dk brown	10YR 2/2	lt grey	dk brown	lt grey	dk brown	lt grey	dk brown
green tan	2.5GY 7/2	green tan	2.5GY 7/2	green tan	green tan	green tan	green tan	green tan	green tan
dk grey	N2.75	dk grey	N2.75	dk grey	dk grey	dk grey	dk grey	dk grey	dk grey
dk grey	NA	lt grey	5Y 7/1	dk grey	lt grey	dk grey	lt grey	dk grey	dk grey
lt grey	N7	lt grey	N7	lt grey	lt grey	lt grey	lt grey	lt grey	lt grey
black	N2.5	black	N2.5	black	black	black	black	black	black
med grey	N6.25	med grey	N6.25	med grey	med grey	med grey	med grey	med grey	med grey
med grey	N5.5	med grey	N5.5	med grey	med grey	med grey	med grey	med grey	med grey
med grey	N4.75	med grey	N4.75	med grey	med grey	med grey	med grey	med grey	med grey
med grey	N5	med grey	N5	med grey	med grey	med grey	med grey	med grey	med grey
med grey	N5.5	med grey	N5.5	med grey	med grey	med grey	med grey	med grey	med grey
med grey	10B 5/1	med grey	10B 5/1	med grey	med grey	med grey	med grey	med grey	med grey
lt green	10GY 6/2	lt green	10GY 6/2	lt green	lt green	lt green	lt green	lt green	lt green
lt green	10GY 6/2	lt green	10GY 6/2	lt green	lt green	lt green	lt green	lt green	lt green

EXTERIOR PAINT ANALYSIS - MAIN BUILDING

		TICKET OFFICE CAST IRON & WOOD FRAMES (1904)	MUNSELL CODE	TICKET OFFICE SASH	MUNSELL CODE	STEEL ARCH WINDOW AND SASH (1900)	MUNSELL CODE	ARCH WINDOW WOODEN DOORS (1900)	MUNSELL CODE
						med green	10G 4/2	black	N2
		dk grey	N4	dk grey	N4				
		dk brown	10YR 4/2	dk brown	10YR 4/2				
		lt green	7.5GY 7/2	lt green	7.5GY 7/2	lt green	7.5GY 7/2	lt green	7.5GY 7/2
		med grey	N5.5	dk grey	N4	med grey	N5.5	dk grey	N4
		lt grey	5Y 7/1	dk brown	10YR 7/2				
		green tan	2.5GY 7/2	green tan	2.5GY 7/2	green tan	2.5GY 7/2	green tan	2.5GY 7/2
		dk grey	N2.75	dk grey	N2.75				
		dk grey	N4	lt grey	5Y 7/1	dk grey	N4	dk grey	N4
		lt grey	N7	lt grey	N7				
		black	N2.5	black	N2.5	black	N2.5	black	N2.5
		med grey	N6.25	med grey	N6.25	med grey	N6.25	med grey	N6.25
		med grey	N4.75	med grey	N4.75	med grey	N4.75	med grey	N4.75
		med grey	N5.5	med grey	N5.5	med grey	N5.5	med grey	N5.5
		med grey	10B 3/1	med grey	10B 3/1				
		lt green	10GY 6/2	lt green	10GY 6/2	lt green	10GY 6/2	lt green	10GY 6/2
		lt green	10GY 6/2	lt green	10GY 6/2	lt green	10GY 6/2	lt green	10GY 6/2

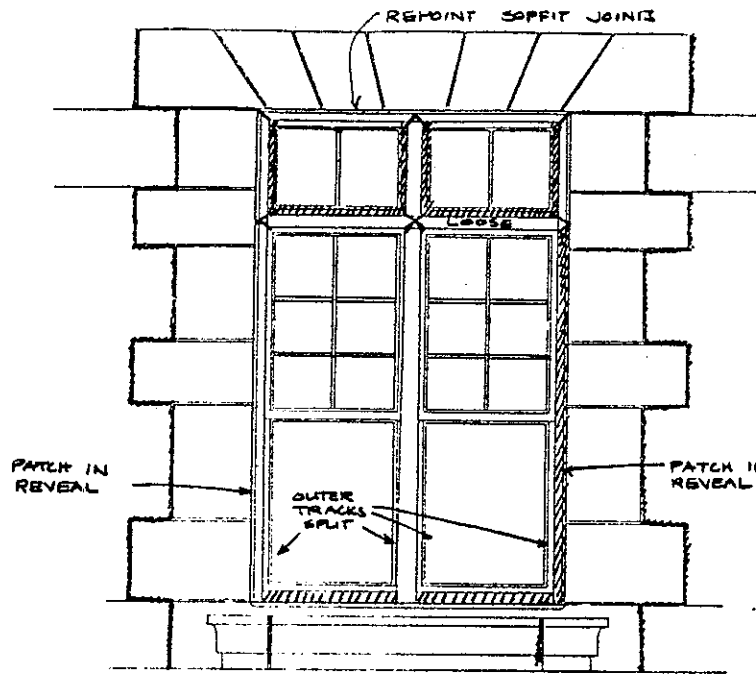


Figure 1.

Existing conditions in window E209, designated for "Repair."

INTERIOR: • REPLACE BOTH STOOLS
• SASH WILL NOT OPEN

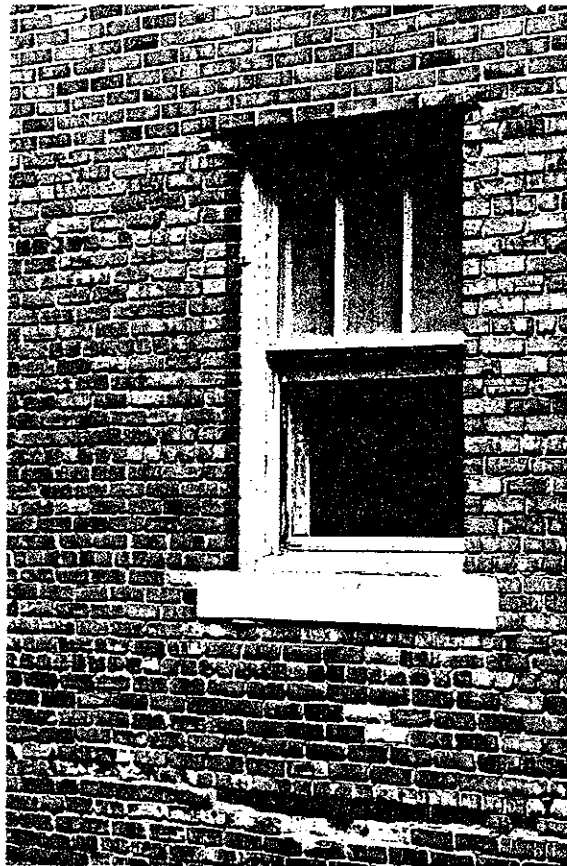


Figure 2.

Spalled brick caused by corroding lintel on SEL 209.

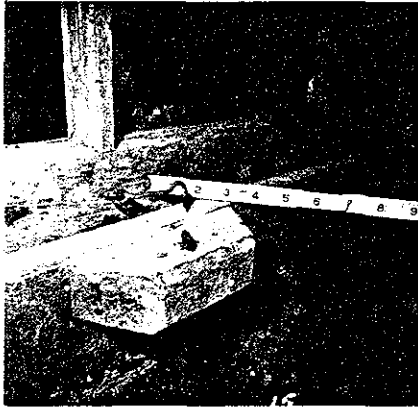


Figure 3.

*Type A, Basement Window
Hook.*

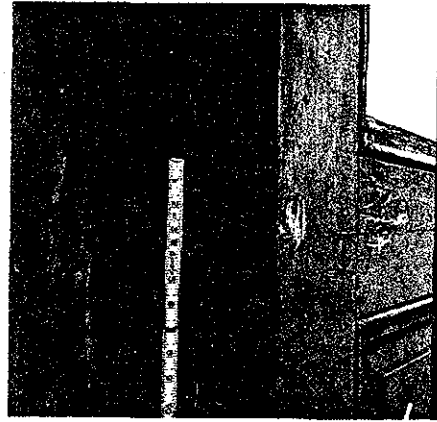


Figure 4.

*Type B2, First Floor
Door Hinge.*

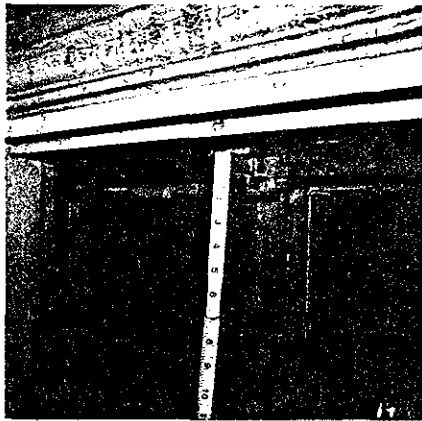


Figure 5.

*Type C1, First Floor
Casement Detail of
Top of Latch Mechanism.*

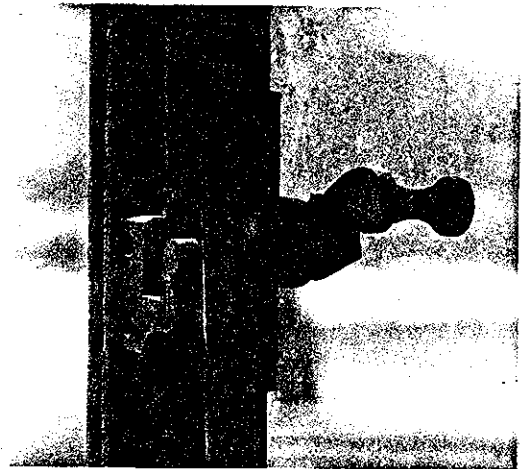


Figure 6.

*Type C1, First Floor
Casement Detail of
Center of Latch
Mechanism.*

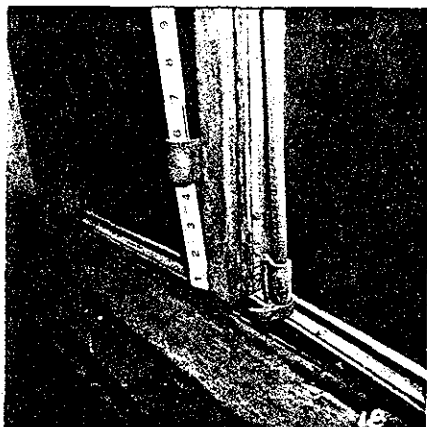


Figure 7.
Type C1, First Floor
Casement Detail of
Bottom of Latch
Mechanism.

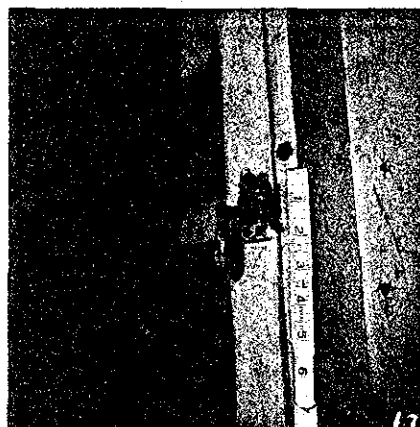


Figure 8.
Type C1, First Floor
Casement Screen
Hardware.



Figure 9.
Type C1, Main Arches
Transom Operating
Mechanism.

Figure 10.

*Type C2, Main Arches
Transom Operating
Mechanism.*

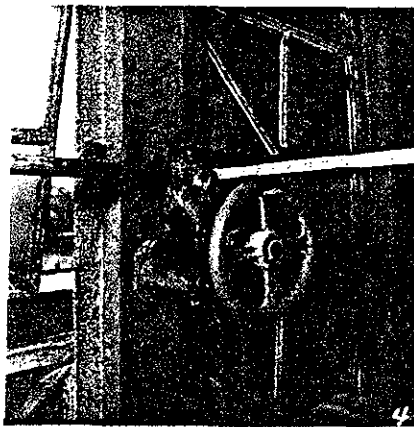
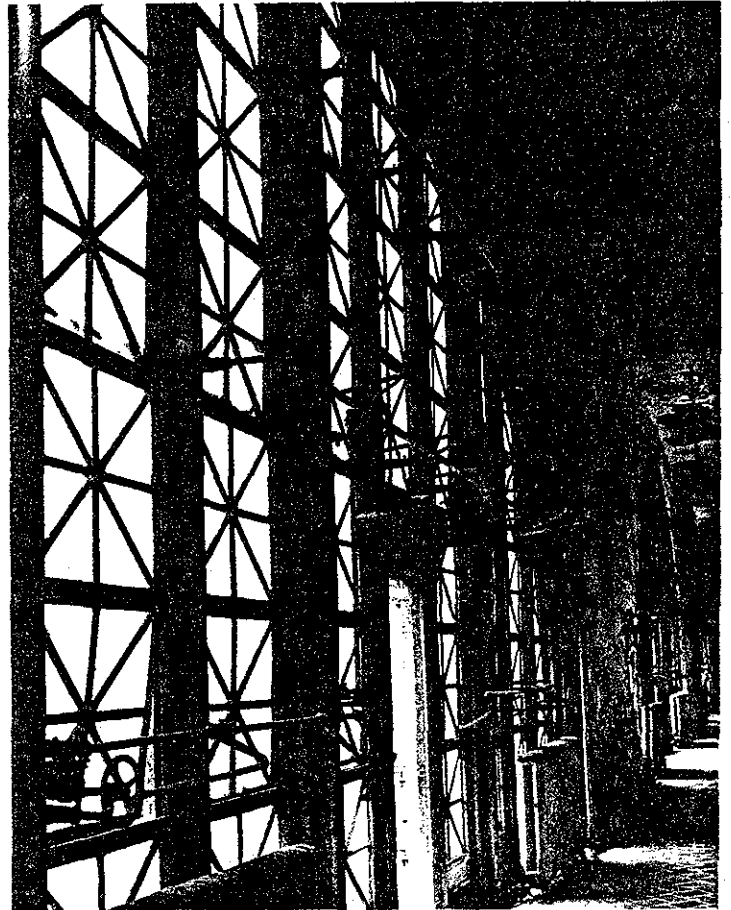


Figure 11.

*Type C2, Main Arches
Detail of Transom
Operating Mechanism.*

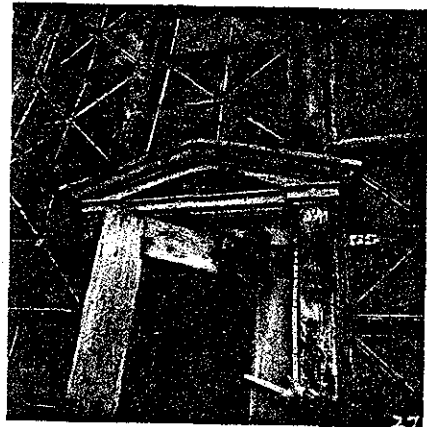


Figure 12.

*Type C2, Main Arches
Exterior Door Hardware.*



Figure 13.
Type C2, Main Arches
Detail of Door Hardware.

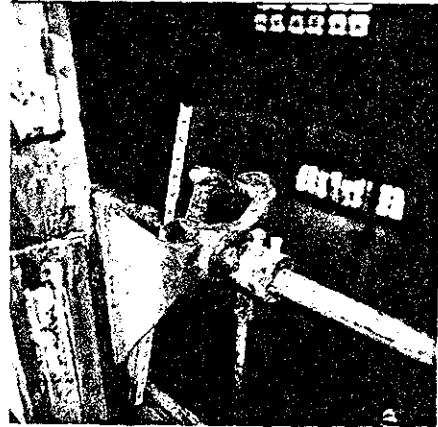


Figure 14.
Type C3, Clerestory
Window Operating
Mechanism.

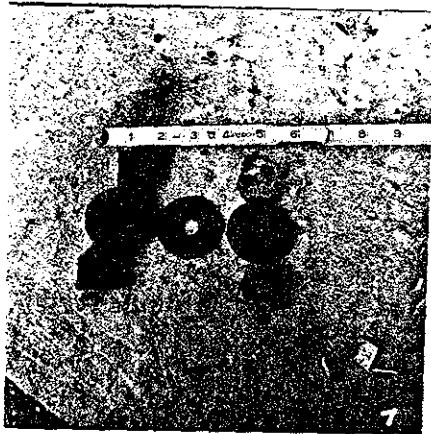


Figure 15.
Type C3, Clerestory
Sash Hinges.

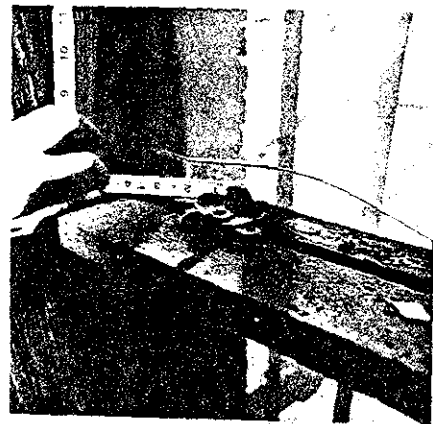


Figure 16.
Type E Bathroom Window
Sash Lock.

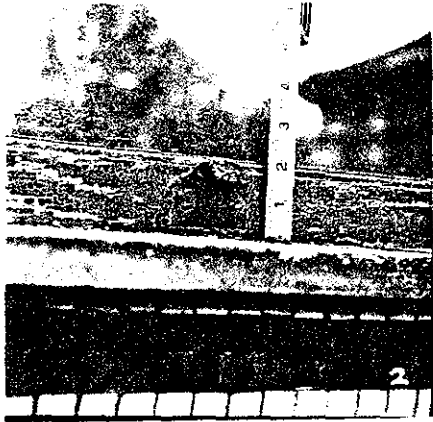


Figure 17.

*Type E Bathroom Window
Sash Pulls.*



Figure 18.

*Type F Ticket Office
Sash Pull.*



Figure 19.

*Type F Ticket Office
Screen Hardware.*

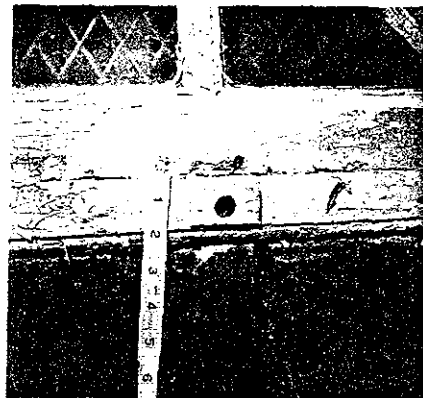


Figure 20.

*Type F Ticket Office
Transom Hardware.*

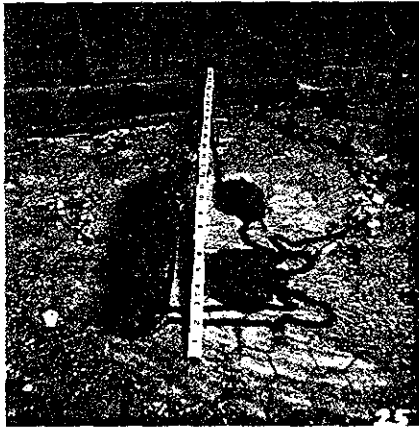


Figure 21.

*Type J Second Floor
Window Sash Weights.*



Figure 22.

*Type S Third Floor
Window Sash Handles.*

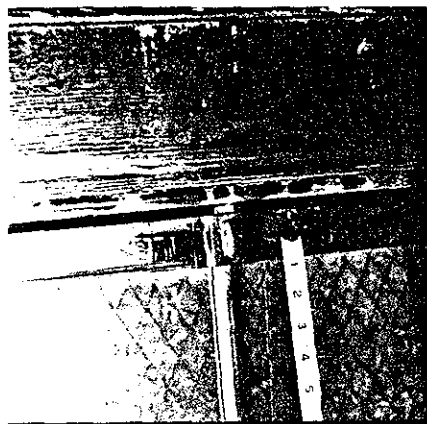


Figure 23.

*Type S Third Floor
Window Sash Lock.*



Figure 24.

*Type S Third Floor
Window Transom Chain.*

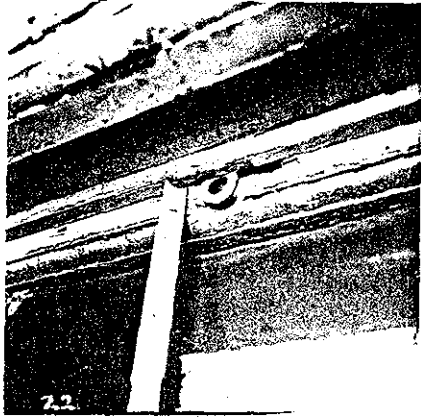


Figure 25.

*Type S Third Floor
Transom Lock.*

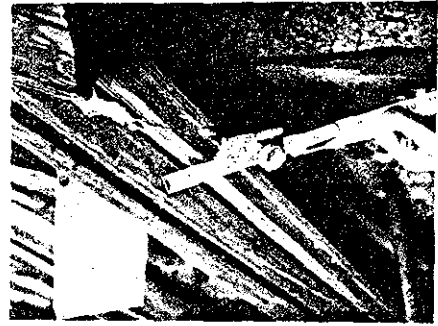


Figure 26.

*Type S Third Floor
Window Awning
Hardware.*



Figure 27.

*Type Y Tower Roof
Door Hinge.*



Figure 28.

*Type Y Tower Roof
Door Knob and
Escutcheon.*

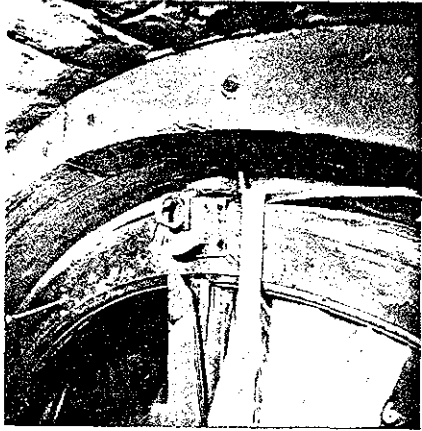


Figure 29.

Type Z Sash Lock.

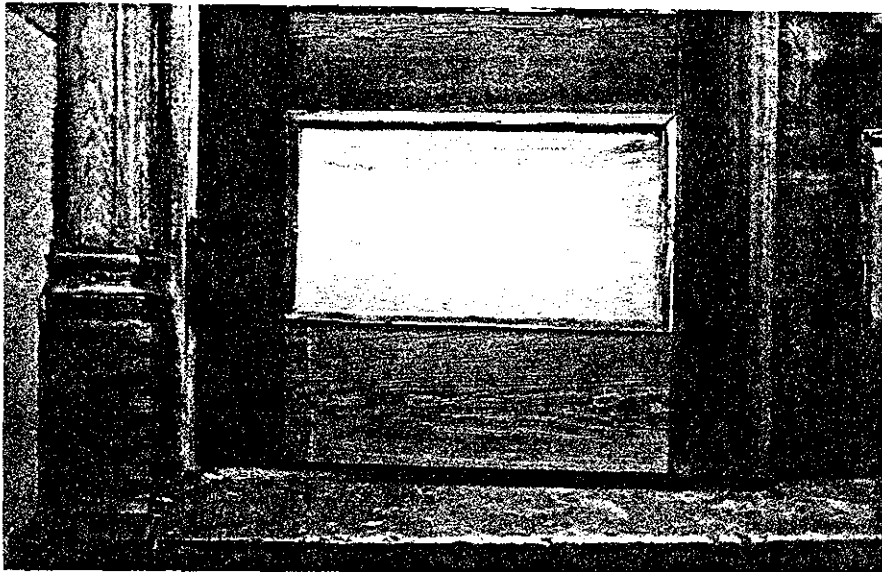


Figure 30.

*Split and rotted panels and missing decorative detail
in Door E106.*

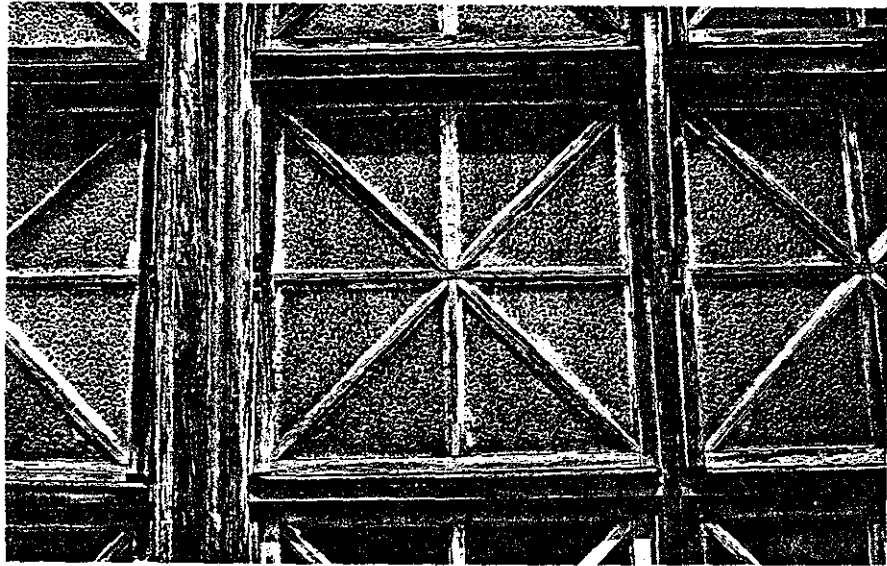


Figure 31.

Typical Clerestory (Type C3 and C4) Window Sash.

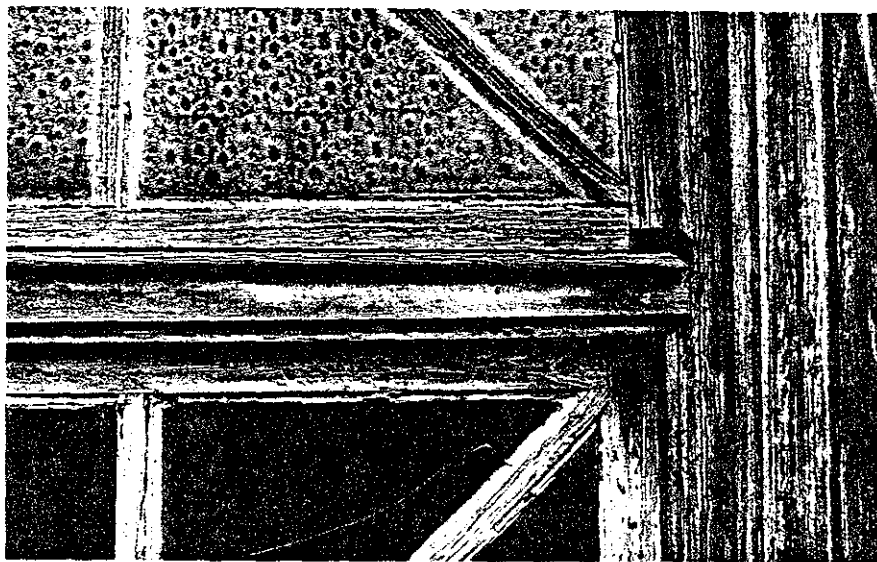


Figure 32.

Detail of Clerestory Sash showing open joints and decayed wood.



Figure 33.

Interior elevation of Ticket Office (Type F) window E115 showing warped and rotted head and jamb members.



Figure 34.

Rotten interior jamb and stool on second floor (Type J) window N203.



Figure 35.

*Rotted and broken head, transom and jamb framing
on interior of window N203.*

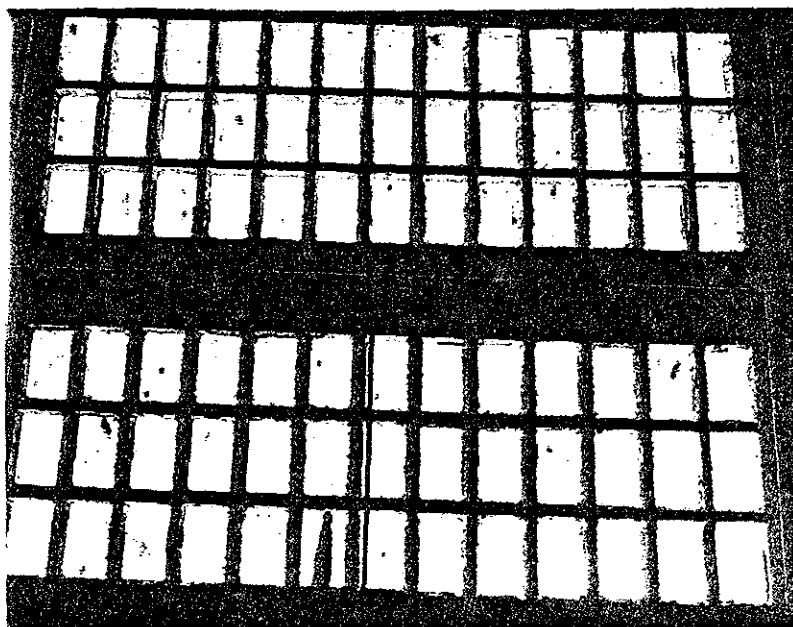


Figure 36.

*Cracked and spalling concrete in skylights over
Ticket Office (Type M).*



Figure 37.

Detail from window W308, showing conditions typical of second floor (Type J) and third floor (Type S) windows. Shown here is the sill, with open sash joints, loose trim, and cracks in the lower sash rail.



Figure 38.

Upper half of sash, showing open joints at muntin and corner of stile and rail.

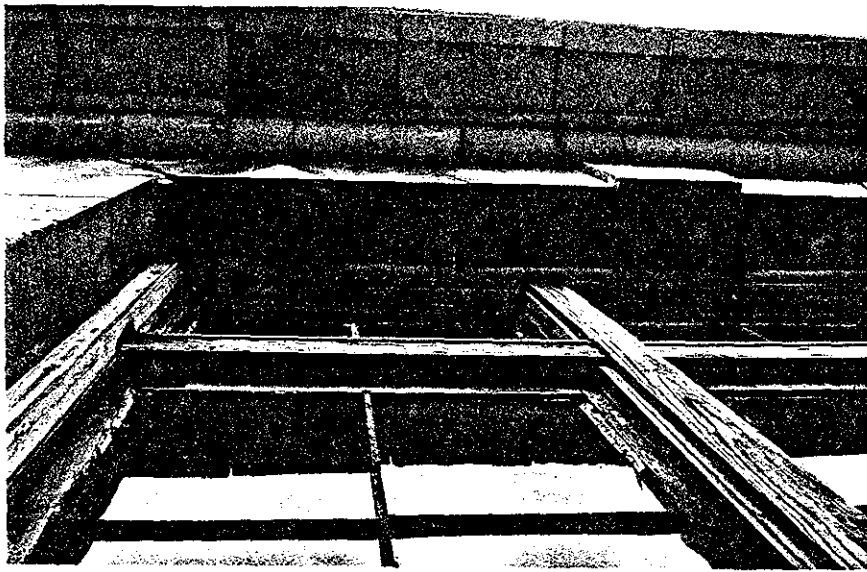


Figure 39.

View of head, showing cracked wood and loose trim. Note also keystone in stone surround, which has slipped out approximately 1" and open joints in gutter stones.



Figure 40.

Interior of window N325, where head mouldings are missing and transom and joints are rotted.



Figure 41.

*Cracked and spalling stone
caused by corroding grill
anchors.*



Figure 42.

*Head of window N211, where stone spalling has been caused both by
cramps inserted in window reveal (along the tops) and by grill
anchors (cracking in the side).*



Figure 43.

*Grill drilled into stone
reveal of window E107.
Note parging at inner
edge of reveal.*



Figure 44.

*Spalling caused by grill
anchors in window E105.*

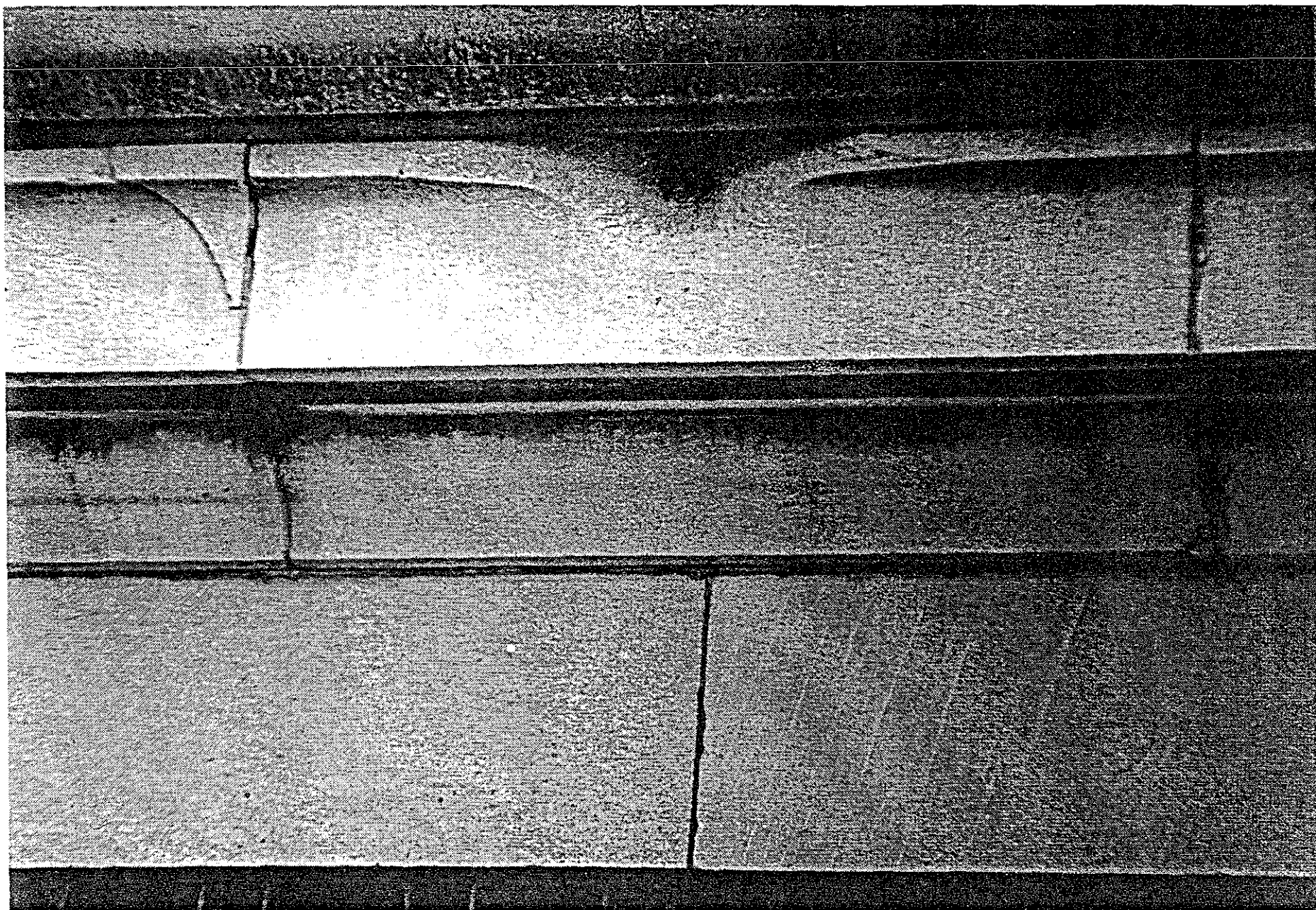


Figure 45. Spalled stone fascia along eaves at southeast corner of roof.

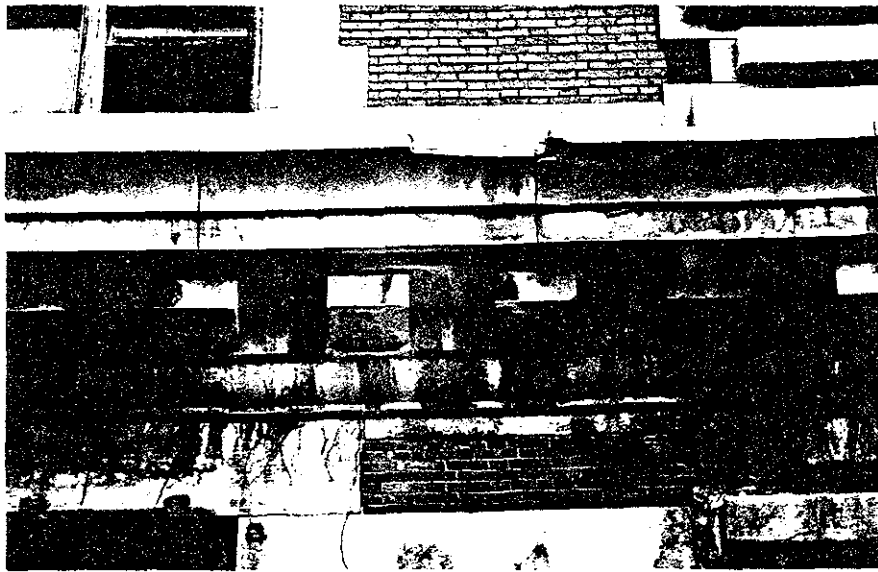


Figure 46.

Spalled gutter above second floor on west facade.



Figure 47.

Spalled gutter above east facade of Ticket Office.



Figure 48.

Where sleeves were inserted in the quoins of the Northeast Tower, the stone has spalled (on left) or cracked (on right).

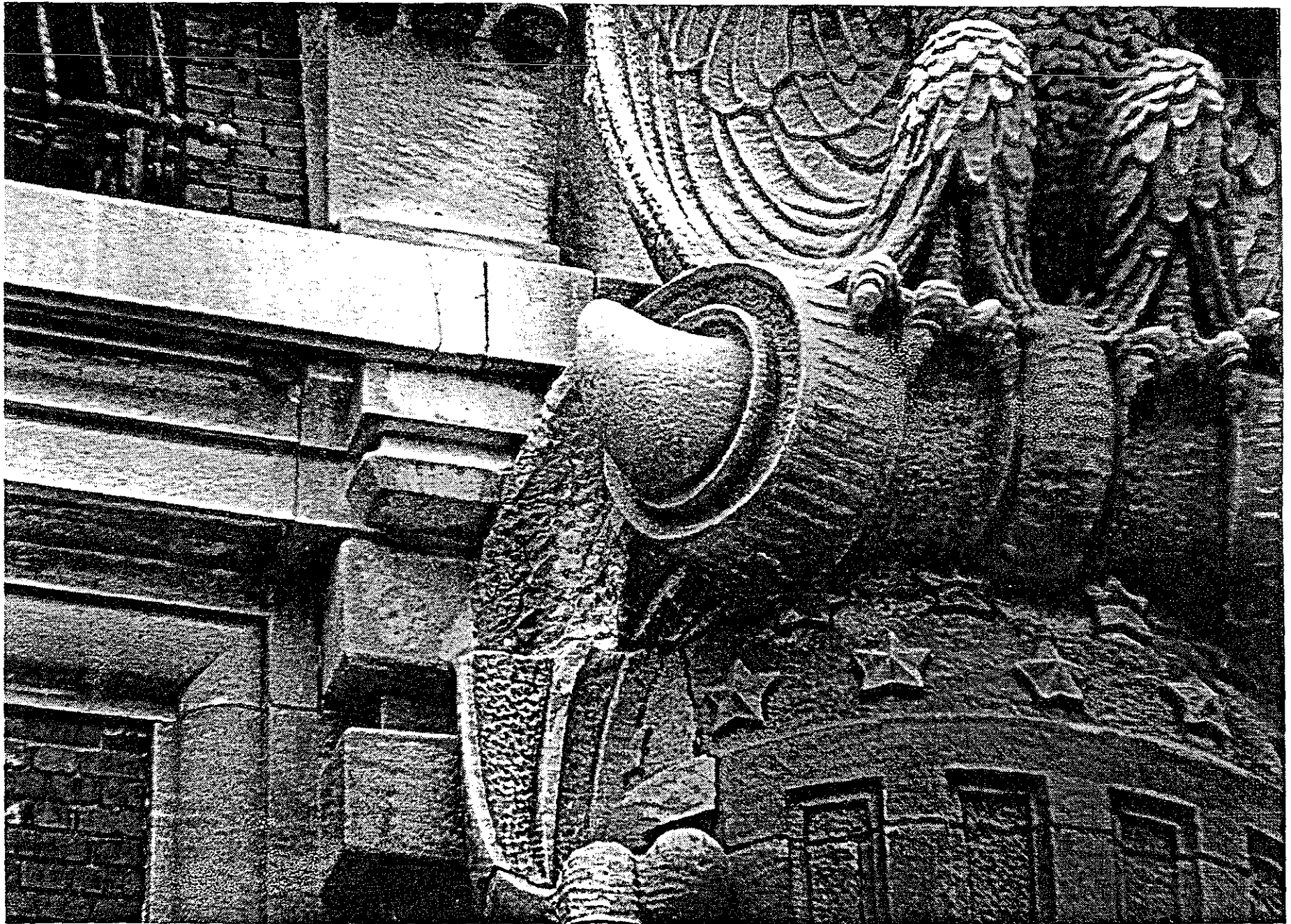


Figure 49. Spalling on top of scrolls which are part of the northwestern sculpture group.

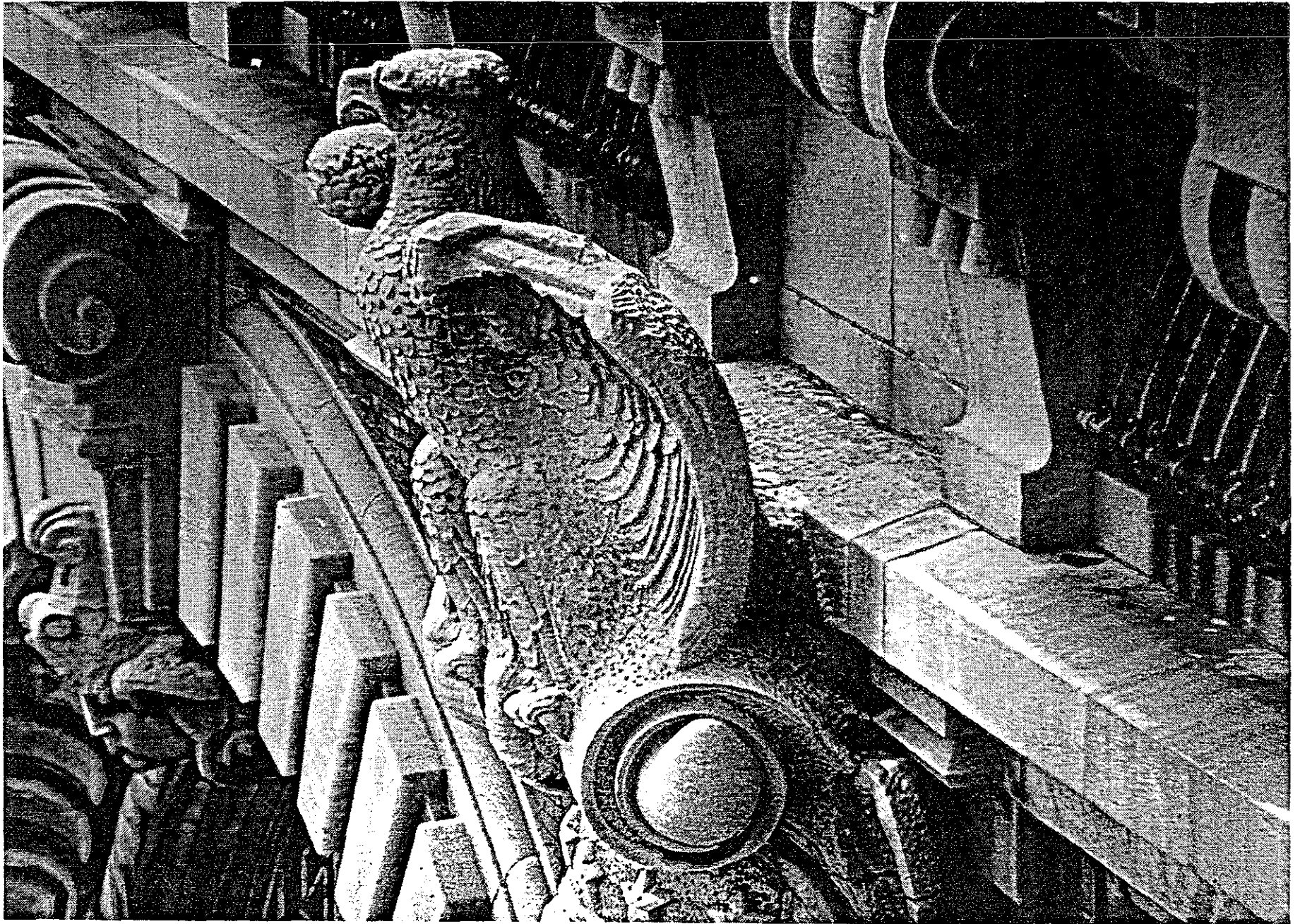


Figure 50. Damaged stone wing on the northwestern eagle.

**III. Recommendations
and Outline Specifications**

A. WINDOWS AND DOORS

Based upon field survey of the condition of all of the wood windows and doors three major classes of remedial treatment were devised, as discussed in Part I. Each of the openings were placed into one of these three classes: maintain, repair, replace. Through discussions with National Park Service personnel, it was determined that two additional classes were necessary;

4. Closing Off: where windows were not visible on the exterior of the building and would not affect the visitors viewing and interpretation of the building, they may be completely closed off.
5. Conservation: in cases where at least one window or door of a major type was not designated for maintenance, the window or door considered to be in the best condition would undergo complete conservation by reusing good portions of other windows or doors of the same type and employing wood consolidation treatments.

On the following pages are recommendations and outline specifications for each of the remedial treatment classes.

1. Maintenance

--Remove all dirt, leaves and other debris from window sills; remove all extraneous nails, staples, bolts, hooks, etc. from the wood trim.

--Remove all caulking between wood and masonry surrounds.

--Remove all glazing putty and glazing paints. Label, remove and store glass.

--Remove all loose paint by scraping and sanding, and brush all surfaces with a stiff fiber bristle brush to remove all dust/dirt.

--Treat all wood surfaces with a 5% solution of pentachlorophenol in mineral spirits. Repeat application until wood no longer absorbs liquid. Allow at least 24 hours drying time prior to painting.

--Tighten open joints where indicated on the field notes and secure with wood glue and finishing nails properly counter-sunk. Fill all joints which cannot be closed without dismantling the window and all other holes in the wood sash and frame with a non-shrinking wood filler.

--Sand to a smooth surface.

--Treat all stiff and rusted hardware with chemical rust remover and brush clean with bristle brush. Repair/replace all broken sash weights, locks, etc. to match existing.

--Secure frame to masonry with counter-sunk stainless steel masonry bolts through jamb; at least two per jamb but spaced no more than three feet apart. Fill with non-shrinking wood filler--sand to smooth surface.

--Attach bronze or copper weatherstripping to bottom and sides of sash to make weathertight.

--Caulk joint between wood frame and masonry with a permanently flexible polyurethane sealant, backed with a polyurethane compressible rod filler. Finish to a concave joint with smooth finish. Caulking shall be light gray in color.

--Reinstall glazing, replacing broken glazing with single strength new glass. Set glass in putty, secure with metal glaziers points and finish with accurately formed bevels. Use permanently flexible glazing putty.

--Paint all exterior surfaces including bottoms of sash with three good coats of alkyd resin, semi-gloss, non-chalking exterior enamel mixed to match the colors as specified.

2. Repair

--Remove all dirt, leaves and other debris from window sills; remove all extraneous nails, staples, bolts, hooks, etc. from the wood trim.

--Remove all caulking from between wood and masonry surround.

--Remove all glazing putty and glazing points. Label, remove and store glass.

--Remove all rotted and deteriorated wood as marked on drawings. Remove all other wood found to be rotted or deteriorated during the repair process.

--Clean all exposed lintels of all loose scales to bare metal by brushing with non-ferrous wire brush. Brush apply two coats rust inhibitive lead primer such as Lead Chromate Gray - #360 to a minimum dry film thickness of 2 mils. Replace lintel with new steel of same dimensions as original if found to be structurally unsound.

--Remove all loose paint by scraping and sanding and brush all surfaces with a stiff fiber bristle brush to remove all dust and dirt.

--Treat all wood surfaces with a 5% solution of pentachlorophenol in mineral spirits. Repeat application until wood no longer absorbs liquid.

--Replace all damaged/deteriorated wood with new pressure treated heartwoods. Wood species, dimensions, joint detailing, molding profiles and fasteners shall match the original. Treat all cuts of new wood with wood preservative prior to installation.

--Close all open joints and fill all holes with non-shrinking wood filler. All nails shall be counter-sunk and filled with non-shrinking

wood filler sanded to a smooth surface.

--Treat all stiff and rusted hardware with chemical rust remover and brush clean with stiff bristle brush. Repair/replace all broken sash weights, locks, etc. to match existing.

--Secure frame to masonry with counter-sunk stainless steel masonry bolts through jamb; at least two per jamb but spaced no more than three feet apart. Fill with non-shrinking wood filler. Sand to smooth surface.

--Attach bronze or copper weatherstripping to sides and bottom of sash to make weathertight.

--Caulk joint between wood frame and masonry with a permanently flexible polyurethane sealant, backed with polyurethane compressible rod filler. Finish to smooth concave joint. Caulking shall be light gray in color.

--Reinstall glazing replacing broken glass with single strength new glass. Set glass in putty, secure with metal glaziers points and finish with accurately formed bevel. Use permanently flexible glazing putty.

--Paint all exterior surfaces including bottoms of sash with three good coats of alkyd resin semi-gloss, non-chalking exterior enamel paint mixed to match the colors specified.

3. Replacement

--Remove window and frame from masonry opening. Salvage glass and hardware and interior oak surrounds for reuse.

--Clean steel lintels of all loose sash to bare metal by brushing with non-ferrous wire brush. Brush apply two coats rust inhibitive lead primer such as Lead Chromate Gray - #360 to minimum dry film thickness of 2 mils. Replace lintel with new steel of same dimension as original if found to be structurally unsound.

--Fabricate new window and frame of pressure treated heartwoods. Wood species, dimensions, joint detailing, molding profiles, and fasteners shall match the original. New windows may have spring-load sash in lieu of counter-balance sash weights. All cuts in new wood shall be treated with wood preservative. All wood shall be primed with alkyd resin primer prior to assembly. All nails shall be counter-sunk and filled with non-shrinking wood filler. Reuse original interior oak surrounds where possible. Where not possible install only portions necessary to make window operable and weather-tight.

--New frame shall be secured to surrounding masonry with stainless steel counter-sunk masonry bolts through the jamb; at least two per jamb, spaced no more than three feet apart.

--Old glass and hardware shall be reused wherever possible. Clean hardware with chemical rust remover and brush with stiff bristle brush. All new hardware shall match original in material, configuration and finish.

--Bed glass in putty with metal glaziers points and finish with accurately formed bevel. Use permanently flexible glazing putty.

--Caulk joint between frame and masonry surround with flexible polyurethane sealant. Joint shall be concave with smooth finish. Sealant

shall be light gray in color.

--Paint all exterior surfaces including bottoms of sash with three good coats of alkyd resin, semi-gloss, non-chalking, exterior enamel paint matched to colors specified.

4. Closing Off

--Those windows listed below may be closed off and no change made in the condition of the original window fabric.

Southwest Light Court

SWL 201 thru SWL 206

SWL 211 thru SWL 213

SWL 301 thru SWL 314

Northwest Light Court

NWL 207 thru NWL 212

Southeast Light Court

SEL 101 thru SEL 104

SEL 201 thru SEL 213

SEL 301 thru SEL 311

Northeast Light Court

NEL 101 thru NEL 103

NEL 201 thru NEL 213

NEL 301 thru NEL 311

--The entire window opening shall be covered with 5/8" exterior grade plywood cut to fit snugly into the masonry reveal. Attach to the window frame with non-corrosive nails or screws.

--Caulk all seams in the plywood and the joint between the plywood and masonry with polyurethane sealant.

--Paint the plywood with three coats exterior alkyd, non-chalking paint to match color specified.

5. Conservation

At least one of each major type of window and door opening shall remain intact as an example of the original unaltered fabric. This affects only window types C3 and C4, the clerestory windows and type F, the Railroad Ticket Office.

From the windows of each of these types placed in Class 2, the one in best condition has been chosen for conservation. The window will be rebuilt entirely of original fabric gathered from similar-type windows which are being repaired or replaced. If sufficient parts in good condition cannot be obtained from other windows, the best of the parts will undergo consolidation with epoxy resins to strengthen the wood. The windows will then be reassembled to full operating and restored condition. The windows chosen for conservation are:

Type C3 and C4: window N401

Type F: window N116

B. METAL WINDOWS

All of the metal windows fell in Remedial Treatment Class 1 and require only maintenance as follows:

1. C1 and C2

--Remove all glazing putty. Label, remove and store glass.

--Remove all paint and scales, both interior and exterior by dry grit blasting; fine grit No. 10-45 at 80-100 psi. Protect the surrounding masonry from damage. Clean metal of residue grit by air blasting and prime immediately (within eight hours) with two brush coats of rust inhibitive lead primer such as Lead Chromate Gray - #360, Apex Color Works, Inc. with minimum dry film thickness of 2 mils.

--Fill all open joints, holes, cracks, etc. with a flexible polyurethane sealant.

--Repair/replace any missing or damaged hardware. New shall match original in material, shape and finish. This includes interior operating mechanism.

--Reinstall glass, replacing broken panes with new single strength glass. Bed glass in metal sash putty such as DAP "1012" and finish with accurately formed bevel.

--Caulk joint between metal and masonry with light gray colored flexible polyurethane sealant backed with compressible polyurethane rod. Joint shall be concave with a smooth finish.

--Brush apply two coats of alkyd resin, semi-gloss, non-chalking exterior enamel to match color specified.

2. Railroad Ticket Office Cast Iron

--In areas where cast iron has cracked or split spot clean to bare metal by blasting (fine grit No. 10-45 at 80-100 psi) or wire brushing. Without attempting to close crack or split, spot weld to join and fill opening. Grind weld to make level with surrounding surfaces.

--Remove all paint and scale from cast iron and copper by dry grit blasting (fine grit No. 10-45 at 80-100 psi). Protect surrounding masonry, wood windows and glass from damage. Prime immediately (within eight hours) with two brush applied coats of rust inhibitive lead primer such as Lead Chromate Gray - #360. Minimum dry film thickness of 2 mils. Second coat shall be visibly different in color from the first.

--Reattach copper panels where loose with copper screws.

--Caulk all open joints between copper panels and cast iron with polyurethane sealant. Joint shall be concave with smooth finish.

--Repair/replace wood window frames and sash as specified under window repair and window replacement.

--Brush apply three good coats of alkyd resin, semi-gloss, non-chalking, exterior enamel to match color specified.

C. MASONRY

1. Removal of Anchor Bolts

--Remove all surface mounted window grills presently in place by unscrewing bolts wherever possible. Where not possible, cut the bolts at the surface of the stone using a thin blade hand saw. Do not remove by force. Do not damage stone.

--Remove any remaining portion of the anchor bolts and lead sleeve by drilling with bit no larger than 1/4". Do not damage stone.

--Remove all dust, soot and debris from surrounding stone and bolt hole by flushing with water and brushing with stiff non-metallic bristle brush.

--Brush interior of hole with Sikadur Hi-Mod epoxy adhesive or equal and fill with specified patching mortar mix. Pack mortar tightly into hole leaving no voids. Mortar should not extend beyond edge of hole--avoid featheredging.

--Remove any excess mortar and tool surface level to surrounding stone.

--Lightly stipple surface of patch with a soft non-metallic bristle brush.

--Keep patch moist (80-90% RH) for 72 hours or until mortar is set.

2. Stone Repair (Spalled Stone Fragments Available for Replacement)

--Secure all pieces of spalled stone larger than 3"x3"x3" which are in sound condition without serious cracks or flaws back into their original location on the building.

--If original metal anchors are exposed they shall be examined for structural soundness, and either replaced with new stainless steel anchors of the same size bedded in the stone with epoxy mortar or they shall be cleaned of all scales to bare metal by wire brushing and all exposed surfaces coated with zinc primer.

--Both building stone and stone fragments shall be cleaned of all loose debris and grease, and both surfaces to be bonded brush coated with Sikadur Hi-Mod adhesive or equal. Set stone while Hi-Mod is still tacky, up to four hours.

--Pieces of spalled stone larger than 4"x4"x4" for any dimension shall be further secured with 1/4" round stainless steel anchor rods, set into 1/2" drilled holes in building stone, and stone fragment. Anchors shall be bedded with epoxy grout (Sika Hi-Mod mixed with Sikadur Granules or equal).

--Anchors shall be centered and spaced at intervals of not more than 5" nor less than 3" depending on fragment size and shall be no less than 2" from the finish stone face. Further, they shall be no less than 2" from any edge.

--Clean exposed surfaces of any residual resin and fill any chipped areas with patching mortar.

3. Stone Repair (Spalled Stone Fragments Not Available/Not Reusable)

--All exposed, in place anchors shall be examined for structural soundness and either replaced with stainless steel anchors of the same size bedded in the stone with epoxy mortar or they shall be cleaned of all scales to bare metal by wire brushing and all exposed surfaces coated with zinc primer.

--The broken surface of the stone shall be cleaned of all debris, dust, grease, etc. and brush coated with Sikadur Hi-Mod epoxy adhesive or equal and the missing stone area filled with patching mortar mix. The surface of the patched area shall be formed to match the contours of the surrounding stone.

--For patched areas larger than 4"x4"x4" in any dimension, stainless steel 1/4" rod anchors shall be bedded in the stone using epoxy grout (Sika Hi-Mod mixed with Sikadur Granules or equal) and the patching mortar poured around them. Anchors shall be centered and spaced at intervals of not more than 5" and not less than 3" depending on fragment size and shall be no less than 2" from the finish surface of the patch. Further, they shall be no less than 2" from any edge.

4. Brick Repointing

Materials:

Lime: hydrated masons lime ASTM C207

Cement: portland cement type I ASTM C150

Aggregate: shall consist of clean sharp sand free of loam, silt, soluble salts and vegetable matter. Aggregate shall conform to the following size gradations:

<u>Sieve Size</u>	<u>Percent Retained</u>
No. 4	0
No. 8	6
No. 16	22
No. 30	40
No. 50	61
No. 100	94
No. 200	99

The color of the aggregate shall be chosen so that the dry mortar color matches the following Munsell standard: 2.5Y 6/2.

Water: shall be clean and free of oils, acid, alkalies and organic matter.

Proportions:

1 parts by volume cement
11 parts by volume lime
7 parts by volume aggregate

Measurement of ingredients, including water, shall be accurate and successive batches shall be proportioned alike. Measuring devices of known volume shall be used rather than shovel and water bucket.

Execution:

--Rake joints to a depth of at least one inch by hand with chisel and mallet. Chisel width to be less than width of joint. Use no power tools.

--Brush, vacuum or flush joints to remove all dirt and loose debris.

--Machine mix mortar for no less than three minutes.

--Use and place mortar in final position within two hours of mixing. Do not retemper or use material which has partially set, is caked or is lumpy.

--Use clean tools and equipment, free from hardened or partially hardened material.

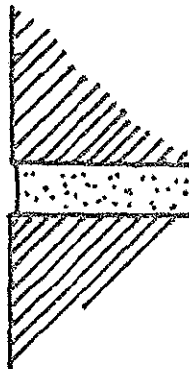
--Dampen brick (surface dry) prior to repointing.

--Pack joints with mortar leaving no voids.

--Recess the surface of the pointing slightly. Do not allow mortar to extend over the edges of the brick.

--As soon as the mortar has taken its initial set, tool the joints to match the illustrated joint configuration.

--Keep joints damp (90% RH) for at least 72 hours or until surface cured.



Not to Scale

JOINT PROFILE FOR BOTH
VERTICAL AND HORIZONTAL JOINT

5. Stone Repointing (Patching Mortar Mix)

Materials:

Lime: hydrated masons lime ASTM C207

Cement: portland cement type I ASTM C150

Aggregate: shall consist of clean sharp sand free of loam, silt, soluble salts and vegetable matter. Aggregate shall conform to the following size gradations:

<u>Sieve Size</u>	<u>Percent Retained</u>
No. 4	0
No. 8	5
No. 16	28
No. 30	47
No. 50	64
No. 100	97
No. 200	99

The color of the aggregate shall be chosen so that the dry mortar color matches the following Munsell standard: 5Y 7/1.

Water: shall be clean and free of oils, acid, alkalies, and organic matter.

Proportions:

1 parts by volume cement
11 parts by volume lime
5 parts by volume aggregate

Measurement of ingredients, including water, shall be accurate and successive batches shall be proportioned alike. Measuring devices of known volume shall be used rather than shovel and water bucket.

Execution:

--Rake joints to a depth of at least one inch by hand with chisel and mallet. Chisel width to be less than width of joint. Use no power tools.

--Brush, vacuum or flush joints to remove all dirt and loose debris.

--Machine mix mortar for no less than three minutes.

--Use and place mortar in final position within two hours of mixing. Do not retemper or use material that has partially set, is caked or is lumpy.

--Use clean tools and equipment, free from hardened or partially hardened material.

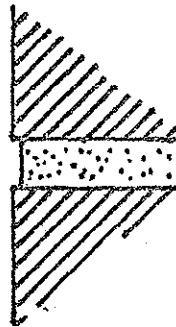
--Dampen stone (surface dry) prior to repointing.

--Pack joints with mortar leaving no voids.

--Recess the surface of the pointing slightly. Do not allow mortar to extend over the edges of the stone.

--As soon as the mortar has taken its initial set, tool the joints to match the illustrated joint configuration.

--Keep joints damp (90% RH) for at least 72 hours or until surface cured.



Not to Scale

JOINT PROFILE FOR BOTH
VERTICAL AND HORIZONTAL JOINT

D. DEBRIS REMOVAL

All debris, both existing and that which will be created by the construction work in and around the Main Building, will be removed from the site. Prior to the removal of any debris, all items valuable to the interpretation of the building or to the stabilization of the building will be identified, tagged and catalogued according to procedures set forth in Manual for Museums, Ralph H. Lewis, National Park Service, U.S. Department of the Interior, Washington, D.C., 1976. Accession records will specifically note the location in which the object was found along with the normal date, description, accession number and catalogue number information. All tagged items will then be stored in one location where they can be kept dry and free from damage. Tagging and storage will be carried out under the supervision of BCT/TEG staff.

After valuable items have been removed from an area, remaining debris will be removed. Debris to be removed will include only loose material now lying on the floors; plaster, terra cotta tile, floor tile, loose flooring, wood scraps, plumbing fixtures, etc. No plaster, tile, woodwork, hardware or fixtures still attached to walls, ceiling or floors is to be removed.

Debris will be scooped with shovel into wheelbarrows or carts and carried to a central location to be moved to the ground via chutes and deposited into carts. Carts will carry the debris to one location on the grounds where it will be stored to await removal from the Island. Large or heavy objects may be lowered to the ground using pulley systems to which they are securely fastened.

Debris will be removed from the Island via barge or scow by a licensed contractor and will be disposed of in accordance with federal and local laws.

IV. Electrical

A. DESCRIPTION OF DISTRIBUTION SYSTEM

The electrical work indicated in the scope of work Phase 1B, Item F, revised electrical distribution design includes the following:

1. Major overhaul of the two existing 150-kw diesel generators and the fuel-oil transfer pumps.
2. Installation of new distribution equipment in the generator room to distribute power to the Main Building and portions of the Kitchen and Laundry Building, Powerhouse, Ferry Building, Immigrant Building, and trailer area. The distribution equipment will be arranged, as it is now, for alternate operation of the generators, i.e. prime and standby on a selective basis or simultaneous (non-parallel) operation should the need arise.

For distribution to the Main Building and Ferry Building, transformers will be installed to step the voltage up from 240 volts, 3 phase to 480, 3 phase at the generator room; distribution will be done at 480 volts, and stepped down to 120/208 volts, 3 phase, 4 wire for utilization. This will limit the voltage drop on the long feeders and reduce the quantity of cables required.

3. Feeders will be installed of a sufficient size to carry the calculated present load and allow for spare capacity for future addition. Feeders will be installed in the enclosed space above the walkways connecting the buildings. The feeders to the Main Building will be installed in the tunnel below the Kitchen and Laundry Building and the basement of the Main Building. All equipment installed in the basement will be weather-proof.
4. Lighting will be provided in the tour areas by means of cleaned

and rewired existing features. Where lighting is inadequate using existing features, new fixtures will be added. New lighting will be provided for the Main Building basement, trailer area and attic space. New exit lights will be provided along the tour areas. The chandeliers in the main hall will be rewired and the mechanical hoists refurbished.

5. In addition to connecting the existing receptacles to the new distribution system, additional receptacles will be installed throughout the tour areas and in the wings of the Main Building.
6. In order to prevent freezing and subsequent water damage, heat tracing cables will be installed in all gutters and leaders. Existing storm water traps in the basement will also be heat traced. The heat tracing function will be controlled by a moisture and temperature sensitive thermostat assembly.
7. The total electrical loads, based upon the present program, will create a condition of peak loading of the operating 150-kw generator during the winter months at times when the electric heating and the heat tracing is in operation. Should the addition of electrical load be anticipated, then the generators will be required to run simultaneously.

B. OUTLINE SPECIFICATIONS

SECTION 1 - GENERAL PROVISIONS FOR ELECTRICAL WORK

-01 General

- a. AIA Document 201 and supplementary conditions for electrical work shall form a part of this specification.
- b. Specifications are of simplified form and include incomplete sentences. Words or phrases such as "The Contractor shall," "shall be," "furnish," "provide," "a," "an," "the," and "all" have been omitted for brevity.

-02 Scope of Work

Labor, materials, equipment and services necessary for complete safe installation in conformity with applicable Codes and Authorities having jurisdiction, including the following:

- a. Raceways.
- b. Wire and cable.
- c. Low voltage distribution equipment.
- d. Light, power, control and alarm wiring systems.
- e. Grounding system.
- f. Devices.
- g. Lighting fixtures and lamps.
- h. Cutting and patching, except as noted in section "Special General Conditions for Electrical Work."
- i. Shop drawings.
- j. Samples.
- k. Record and as-built drawings.
- l. Inserts and supports.

-03 Work Not Included

- a. Temporary light and power.
- b. Finished painting.
- c. Installing access doors.

-04 Connections to Existing Work

- a. Install new work and connect to existing work with minimum interference to existing facilities.
- b. Temporary shutdowns of existing services:
 - 1. At no additional charges.
 - 2. At times not to interfere with normal operation of existing facilities.
 - 3. Only with written approval of Owner.
- c. Maintain continuous operation of existing facilities as required with necessary temporary connections between new and existing work.
- d. Connect new work to existing work in neat and approved manner. Restore existing disturbed work to original condition.

-05 Removal and Relocation of Existing Work

- a. Disconnect, remove or relocate electrical material, and equipment as noted.
- b. Provide new material and equipment required for relocated equipment.
- c. Disconnect load and line end of conductors feeding existing equipment.
- d. Remove conductors from existing raceways to be rewired.
- e. Tape both ends of abandoned conductors and cap outlets and abandoned raceways.
- f. Dispose of removed raceways and wire.

- g. Turn over removed electrical equipment to Owner as directed, and dispose of other equipment.

-06 Nameplates

- a. Screwed on, engraved black Lamicoid sheet with 3/4 inch white lettering.
- b. Inscription: as approved, indicating equipment and voltage.
- c. Provide for:
 - 1. Disconnect switches.
 - 2. Circuit breakers.
 - 3. Panels.
 - 4. Cabinets.
 - 5. Switchboards.
 - 6. Transformer enclosures.

-07 Current Characteristics

- a. Service:
 - 1. 139/240 volt, 3 phase, 4 wire, 60 Hz with grounded neutral.
- b. Distribution:
 - 1. 139/240 volt, 3 phase, 4 wire, 60 Hz with grounded neutral.
 - 2. 480 volt, 3 phase, 3 wire, 60 Hz.

-08 Shop Drawings

- a. Submit for approval:
 - 1. Shop Drawings with:
 - (a) Manufacturer's specifications, including materials, type, performance characteristics, voltage, phase and capacity.

SECTION 2 - RACEWAYS

-01 General

- a. Raceways complete with boxes, fittings and accessories.

-02 Material

a. Raceways:

1. Rigid steel conduit:
 - (a) Full weight pipe, galvanized, threaded, minimum.
2. Flexible steel conduit: continuous single strip, galvanized, minimum 1/2 inch.
3. Surface metal raceway:
 - (a) Size: as noted.
 - (b) Minimum: 20 gauge steel.
 - (c) Finish: baked enamel.

b. Boxes:

1. Outlet boxes: except as otherwise required by construction, devices or wiring.
 - (a) Galvanized cast iron:
 - (1) On ceiling: 4 in. round, 2 in. deep.
 - (2) On wall: 4 in. square, 2 in. deep.
 - (3) Weatherproof.
2. Junction or pull boxes:
 - (a) Galvanized cast iron with threaded hubs and gaskets.

-03 Installation

a. Raceways:

1. Run concealed, except as noted.
2. Exposed: run parallel with or at right angles to walls.
3. Where conduit is to be concealed it is to be installed in existing chases or hollow spaces without disturbing the building fabric. Where conduit is indicated as exposed it is to be fastened with a minimum disturbance of fabric.
4. Steel conduit:
 - (a) Direct buried: provide two coats of asphaltum paint. Dry thoroughly between paintings and before backfilling.
5. Flexible steel conduit:
 - (a) For short connections where rigid conduit is impracticable.
 - (b) From outlet box to recessed lighting fixture: minimum 4 ft., maximum 6 ft. lengths.
 - (c) For final connection to motor terminal box, and other vibrating equipment: with polyvinyl sheathing. Minimum length 18 in. with 50 deg. slack.
6. Expansion fittings: at expansion joints and on length of runs in accordance with manufacturer's recommendations.

SECTION 3 - WIRE AND CABLE

-01 General

- a. Wire and cable complete with accessories.

-02 Material

a. Conductors:

1. ASTM Standards: Solid No. 8 and smaller, stranded No. 6 and larger.

(a) Copper

(b) Sizes:

(1) General use:

(aa) No. 12 minimum.

(bb) 120 volts: No. 10 over 100 ft. circuit length.

(cc) 277 volts: No. 10 over 220 ft. circuit length.

b. Insulation:

1. Rubber and thermoplastic: ASTM and IPCEA Standards.

2. 600 volts:

(a) Type THW.

(b) Color-coding: as per Code.

c. Accessories:

1. Wiring connections: No. 14 through No. 6: 600 volts, spring pressure, mechanical type. Over No. 6: compression type, taped.

2. Tags:

(a) Flameproof linen or fiber in accessible locations.

(b) Feeders: indicate feeder number, size, phase and points of origin and terminations.

-03 Installation

a. 600 volt cable:

1. Not more than 3 lighting or convenience outlet circuits in 1 conduit unless otherwise indicated.
2. Separate raceways for conductors 120/207 and 265/460 volts systems.

SECTION 4 - LOW VOLTAGE DISTRIBUTION EQUIPMENT

-01 General

- a. Complete equipment including:
 1. Switches.
 2. Circuit breakers.
 3. Transformers.
 4. Panels.
- b. Conforming to NEMA, ANSI and IEEE Standards.

-02 Equipment

- a. Circuit Breakers:
 1. Molded case.
 - (a) Thermal-magnetic.
 - (b) Terminals: suitable for copper cable.
 - (c) Frames, IC and interchangeable trips: see "Molded Case Circuit Breaker Schedule" at end of this Section.
- b. Transformers:
 1. Open-ventilated, dry type, of noted capacity.
 2. 3 phase, wye-delta.
 3. 220 deg. C insulation, 115 Deg. C rise.
 4. Primary and secondary voltage: as noted.

5. Cooling:
 - (a) Natural draft.
 6. Primary taps: 4- 2-1/2 percent, 2 above and 2 below rated voltage. Adjust for required voltages.
 7. Noise level:
 - (a) NEMA Standards.
 8. Vibration dampers: between frame and housing.
 9. Connections: flexible type.
 10. Floor mounting: on channel irons bolted to floor.
- c. Distribution panels:
1. Switching unit:
 - (a) Light panels: 3 phase, 4 wire circuit breaker type.
 - (b) Power panels: 3 phase, 4 wire circuit breaker type.
 2. Bus bars:
 - (a) Hard drawn copper, minimum 98% conductivity or.

-03 Schedules

- a. Molded case circuit breaker schedule:

<u>Frame</u>	<u>Poles</u>	<u>Interchangeable</u> <u>Trip</u>	<u>I.C. 120V</u>	<u>240V</u>	<u>277V</u>	<u>480V</u>
100	1,2&3	No	5,000	5,000	-	-
100(E- Frame)	1,2&3	No	10,000	10,000	14,000	14,000
225	2&3	Yes	-	25,000	-	22,000
400	2&3	Yes	-	42,000	-	30,000
600	2&3	Yes	-	42,000	-	30,000
800	2&3	Yes	-	42,000	-	30,000
1200	2&3	Yes	-	42,000	-	30,000

SECTION 5 - DEVICES

-01 General

Complete material as noted.

-02 Material

a. Local wall switches:

1. Heavy duty, toggle, quiet type.
2. 20 amp, 120/277 volt, AC.

b. Insertion receptacles:

1. Grounded, except as noted.
2. Duplex convenience.
 - (a) 20 amp, similar to Hubbell No. 5362.
 - (b) 125 volts, 2 pole, 3 wire, U ground slot.
3. Single, except as noted.
 - (a) 20 amp turn-to-lock action, similar to Hubbell No. 7310.
4. Special use: non-interchangeable types and ratings.

c. Device plates:

1. 0.04 in. satin finish.
2. Stainless steel, similar to Hubbell No. 93000 series.
3. For receptacles with other than 120 volt, inscribed voltage available.

SECTION 6 - LIGHTING FIXTURES

-01 General

- a. Provide:
 - 1. Fixtures.
 - 2. Lighting components.
 - 3. Lamps.
- b. Type of fixtures indicated on drawings.
- c. Fixture catalog numbers do not necessarily denote required mounting accessories. Provide accessories to suit.

-02 Equipment

- a. Ballasts:
 - 1. Class P.
 - 2. High power factor.
 - 3. UL, CBM and ETL approved.
 - 4. Of required voltage.
 - 5. Automatic resetting thermal protector.
 - 6. Lowest available NEMA rated noise level. Replace noisy ballasts at no cost to Owner, as directed.
- b. Supports for:
 - 1. Individual fixtures: to carry weight of fixture to construction, as approved, clear of contact with ducts or pipes.
- c. Lamps:
 - 1. Fluorescent.
 - 2. Incandescent:
 - (a) 130 volt.

SECTION 7 - PIPE TRACING SYSTEM

-01 General

- a. Complete system of heating cables, wiring and controls.
- b. Field verify: location, length and size of heat traced piping and insulation covering.

-02 Equipment

- a. Cables:
 1. Hot section:
 - (a) Two conductor copper alloy resistance wire.
 - (b) Mineral insulated.
 - (c) Covered by annealed seamless stainless steel sheath.
 - (d) Size and length as indicated.
 2. Cold section:
 - (a) Two conductor, copper, size as required.
 - (b) Mineral insulated.
 - (c) Covered by annealed seamless stainless steel sheath.
 - (d) Minimum 7 ft. long.
- b. Controls:
 1. Control thermostat assembly:
 - (a) Moisture and temperature sensor.
 - (b) 0-100 deg. F temperature rating, set at 35 deg. F.
- c. Supply cables with tag, indicating length, voltage, wattage, resistance, size of hot and cold sections, and pipe system protected.

-03 Installation

- a. Unroll cables in straight line without kinking.
- b. Install hot section:
 1. In gutters, without fastening.
 2. In leaders, through fitting in side of pipe.
 3. At traps, wrapped to provide even heating throughout trap.
- c. Install sensors at exposed location near roof.
- d. Protect cables from damage.
- e. Connect cold end to junction boxes with acceptable fittings.

-04 Base Bid Manufacturers

- a. Cables and Controllers
 1. Nelson Electric.
 2. Chromalox.

-05 Shop Drawings

- a. Catalog cuts of cables and controls.
- b. Size, length and dimensional layout, including piping.

V. Cost Estimates

A. WOOD WINDOWS AND DOORS

The following matrix includes the estimated costs for maintaining, repairing or replacing the wood portions of each of the window and door types. (See Appendix A for elevation sketches of each type.)

The window/door types have been subdivided to show the number of openings in each of the remedial treatment classes and the average cost per opening for the specified treatment. Costs were obtained from contractors who visited the site and were supplied with a set of field survey forms and measured drawings.

For those types having openings in the Replacement Class (Class 3), a cost was obtained for rebuilding. The rebuilding costs in some cases seemed low and therefore were not used in the cost estimates. Rebuilding costs are shown for comparison in parenthesis under the Class 3 average cost column.

A cost savings may be realized by closing off some of the openings. These openings are generally located in the light courts and will not be visible to the visitor. Unit costs, total cost and possible savings are shown under the Class 4 heading.

Total costs have been shown for each of the alternatives including total closing off of all openings; total replacement for all openings; maintenance, repair and replacement is indicated for all openings and the recommended treatment of maintenance, repair and replacement with the cost savings of closing off selected windows.

B: METAL WINDOWS

The following cost estimates reflect all work as specified for metal windows. Cost for wood portions of type F windows is included in section A matrix.

<u>Window Type</u>	<u>No. of Units</u>	<u>\$/Unit</u>	<u>Total</u>
C1	9	\$2,860	\$25,740
C2	6	11,320	67,920
			<hr/>
			\$93,660.00
F1	5	690	3,450
F2	4	690	2,760
F3	1	530	530
F4	5	690	3,450
F5	1	795	795
			<hr/>
			10,985.00
			<hr/>
TOTAL			\$104,645.00

C. MASONRY

1. Removal of anchor bolts in stone window surrounds and miscellaneous anchors in other stone and filling of voids as specified. Also includes removal of window grills still in place.

1,841 anchors at \$4.50/each	\$8,284.50
75 grills at \$20.00/each	<u>1,500.00</u>
	\$9,784.50

2. Stone repair (stone available) includes reattaching spalled stone where stone is still in place or available as specified. Cost reflects only necessary repairs where anchor rods are exposed or there is possibility of further damage occurring.

Not requiring new anchoring system:

513 cubic inches at \$3.00/cu. in.	\$1,539.00
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Requiring new anchoring system:

7,250 cubic inches at \$5.50/cu.in.	<u>39,875.00</u>
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\$41,414.00

3. Stone repair (stone not available) includes patching of spalled stone where stone is not available for reattachment as specified. Cost reflects only necessary repairs where anchors are exposed or there is possibility of further damage.

Not requiring anchoring system:

405 cubic inches at \$3.50/cu. in. \$1,417.50

Requiring anchoring system:

7710 cubic inches at \$6.00/cu. in. 46,260.00

\$47,677.50

TOTAL STONE REPAIR \$98,876.00

4. Repointing

Brick

Removal of mortar to 1" by hand:

Exterior: 30,000 SF at \$8.00/SF \$240,000.00

Light Courts: 26,000 SF at \$8.00/SF 208,000.00

\$448,000.00

Savings may be realized by removing mortar by mechanical means such as power chisel or disk saw:

Exterior: 30,000 SF at \$4.00/SF \$120,000.00

Light Courts: 26,000 SF at \$4.00/SF 104,000.00

\$224,000.00

Stone

30,000 SF at 16LF/12SF = 40,000 LF at \$5.00/ LF \$200,000.00

30,000 SF at 2.5LF/1.7 F=45,900 LF at \$5.00/ LF 229,000.00

\$429,000.00

1.	TOTAL REPOINTING COST (all hand removal)	\$877,000.00
2.	TOTAL REPOINTING COST (light court brick mortar mechanically removed)	\$773,000.00
3.	TOTAL REPOINTING COST (all brick mortar removed mechanically)	\$653,000.00

D. DEBRIS REMOVAL

Cost of debris removal has been based upon cost per cubic foot of debris estimated as follows:

East Wing	130'x165'	=	21,450 sq. ft.
			X 3 floors
			<hr/>
			64,350 sq. ft.
Plus same for West Wing			64,350
			<hr/>
			128,700 sq. ft. floor area
Assume debris one foot deep over entire area			X 1
			<hr/>
			128,700 cubic feet of debris

Removal to storage location on-site at \$1.25/cu. ft. = \$160,875.00

Removal from island by scow at \$30/cu. yd.
4,767 cu. yd. X \$30 = 143,010.00

TOTAL DEBRIS REMOVAL COST \$303,885.00

E. ELECTRICAL DISTRIBUTION

The following includes all work as specified:

*Generator overhaul (including rental and installation of temporary generator)	-	\$39,000
Switchboard panels	-	67,000
Transformers	-	16,000
Feeders	-	89,000
Heat tracing of gutters, leaders and traps	-	53,000
Lighting and receptacles	-	58,000
		<hr/>
Subtotal		\$322,000
Contingency (20%)		60,000
		<hr/>
TOTAL		\$382,000
Generator room general construction (allow)	-	\$15,000
		<hr/> <hr/>
		\$397,000

*Included for estimating purposes only; costs will be covered under Liberty National Monument O and M budget.

F. COST SUMMARY

1. Recommended maintenance, repair, replacement and closing off of wood windows and doors	\$384,350.00
2. Maintenance of metal windows	104,654.00
3. Stone repair	98,876.00
4. Repointing of brick and stone	877,000.00
5. Debris removal	303,885.00
6. Electrical Distribution	397,000.00
	<hr/> <hr/>
TOTAL ESTIMATED STABILIZATION COST	\$2,165,765.00

DOOR-WINDOW TYPE	CLASS 1 MAINTAIN			CLASS 2 REPAIR			CLASS 3 REPLACE			CLASS 4 CLOSE OFF						COMPLETE REPLACEMENT	COMPLETE CLOSING OFF	TOTALS
	No.	Average Cost	Total Cost	No.	Average Cost	Total Cost	No.	Average Cost	Total Cost	No. Class 1	No. Class 2	No. Class 3	Unit Cost	Total Cost	Possible Savings			
A	6	\$200	\$1200	22	\$320	\$7040	5	\$625 (500)	\$3125	-	-	-	40	-	-	20,625	2,320	
B1	3	885	2655	23	1060	24380	4	3850 (1600)	15400	-	-	-	270	-	-	115,500	8,100	
B2	-	-	-	1	3000	3000	1	5750 (3000)	5750	-	-	-	350	-	-	11,500	700	
B3	-	-	-	2	1800	3600	-	4800	-	-	-	-	270	-	-	9,600	540	
B4	-	-	-	1	2000	2000	-	5600	-	-	-	-	300	-	-	5,600	300	
B5 & B6	1	800	800	1	1060	1060	-	5750	-	-	-	-	300	-	-	11,500	600	
C3	-	-	-	-	-	-	6	11900 (10000)	71400	-	-	-	890	-	-	71,400	5,340	
C4	-	-	-	-	-	-	2	13800 (14000)	27600	-	-	-	1000	-	-	27,600	2,000	
D	1	460	460	2	800	1600	-	1400	-	-	-	-	120	-	-	4,200	360	
E	13	200	2600	7	450	3150	3	1075 (600)	3225	4	-	2	100	600	1100	24,725	2,300	
F1	-	-	-	-	-	-	5	2300 (2300)	11500	-	-	-	200	-	-	11,500	1,600	
F2	-	-	-	2	1600	3200	2	2300 (2300)	4600	-	-	-	200	-	-	9,200	800	
F3	-	-	-	-	-	-	1	4500 (4000)	4500	-	-	-	250	-	-	4,500	250	
F4	-	-	-	1	1600	1600	4	2300 (2300)	9200	-	-	-	200	-	-	11,500	1,600	
F5	-	-	-	1	3000	3000	-	3400 (4000)	-	-	-	-	400	-	-	3,400	400	
G1	1	300	300	1	600	600	-	1700	-	-	-	-	95	-	-	3,400	190	
G2	-	-	-	1	1500	1500	-	3900	-	-	-	-	200	-	-	3,900	200	
H1	2	220	440	1	300	300	-	600	-	2	1	-	90	270	470	1,800	270	
H2	2	320	640	2	400	800	-	940	-	2	2	-	90	360	1080	3,760	360	
I	6	300	600	7	200	1400	6	875 (300)	5250	5	2	6	90	1170	930	16,625	1,710	
J	1	540	540	15	670	10050	21	2100 (900)	44100	-	-	-	165	-	-	77,700	6,105	
K	10	200	2000	6	350	2100	-	840	-	-	-	-	100	-	-	13,440	1,600	
L1	3	670	2010	3	900	2700	-	3000	-	2	2	-	230	920	2220	18,000	1,380	
L2	1	400	400	3	550	1650	-	2100	-	1	3	-	175	700	1350	8,400	700	
M	-	-	-	2	500	1000	12	2000	24000	-	-	-	250	-	-	28,000	3,500	
N	-	-	-	4	400	1600	-	1700	-	-	4	-	125	500	1100	6,800	500	
O	-	-	-	2	375	750	-	1000	-	-	2	-	100	200	550	2,000	200	
P	5	200	1000	5	450	2250	1	900 (750)	900	5	5	1	90	990	3160	9,900	990	
Q	3	200	600	3	450	1350	1	900 (750)	900	-	2	-	90	180	720	6,300	630	
R	1	150	150	1	350	350	-	1000	-	-	-	-	60	-	-	2,000	120	
S	14	550	7700	24	870	20880	-	2450	-	-	-	-	150	-	-	93,100	5,700	
T1	3	450	1350	23	700	14700	6	1600 (850)	9600	3	12	5	125	2500	15250	48,000	3,750	
T2	-	-	-	1	700	700	-	1600	-	-	1	-	125	125	575	1,600	125	
U	5	540	2700	7	670	4690	-	2000	-	4	5	-	130	1170	4340	24,000	1,560	
V	12	200	2400	-	-	-	-	840	-	-	-	-	60	-	-	10,000	720	
W	2	200	400	2	450	900	-	800	-	-	-	-	100	-	-	3,200	400	
X	16	170	2720	12	310	3720	2	1080 (580)	2160	-	-	-	60	-	-	32,400	1,800	
Y	-	-	-	2	650	1300	2	1760 (850)	3400	-	-	-	100	-	-	6,800	400	
Z	-	-	-	8	400	3200	4	1200 (600)	4800	-	-	-	45	-	-	14,400	540	
TOTALS		\$33,665			\$132,120			\$251,410						\$9,685	\$32,845	\$777,955	\$58,460	
TOTAL (Complete replacement of all openings)																\$777,955		
TOTAL (Complete closing off of all openings)																	\$58,460	
TOTAL (Maintain, Repair, Replace)		\$33,665			\$132,120			\$251,410									\$417,195	
TOTAL* (Maintain, Repair, Replace, Close Off)		\$33,665			\$132,120			\$251,410							-\$32,845		\$394,350	

*Recommended Treatment

VI. Summary

With the immediate goal of stabilizing the exterior fabric of the Main Building, the condition of the building and its parts including all window and door openings, exterior stone and brick masonry, and the electrical and mechanical systems has been evaluated.

Based upon the condition survey and discussion with the National Park Service, it was determined that the stabilization of the building to eliminate further water intrusion, and the damaging effects caused by it is essential. All activities undertaken to achieve this goal are to be within the parameters of historic preservation policy and to have no irreversible damaging effects upon the building. At the same time, all activities are to be undertaken with an ultimate goal of restoration of the building in mind.

It is therefore recommended that all window and door openings be maintained, repaired or replaced as their condition dictates. Selected openings which are not viewed by the visitor to the site and will not hamper interpretation will be closed off and sealed to the weather in the interests of reducing the project costs.

All exterior stone and brick will be repointed and repairs made to damaged areas only where there is a threat of further deterioration. All extraneous metal bolts, window grills, and anchors will be removed from the masonry and shifted stone reset as necessary.

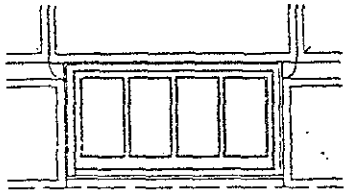
A new electrical distribution system will be installed reusing the existing generators. The new system will reuse original fixtures wherever possible and will provide new and additional fixtures to upgrade lighting in the tour areas. New fixtures will be installed in basement and attic areas and receptacles provided in the wings. All gutters, drains and drain traps will be heat traced to prevent possible damage to these areas from freezing water.

The estimated cost for the recommended stabilization is \$2,166,000 which includes removal of all present and construction debris from the island.

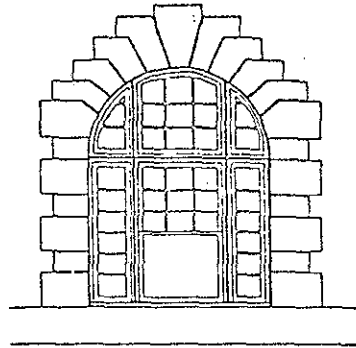
VII. Appendices

Window Types

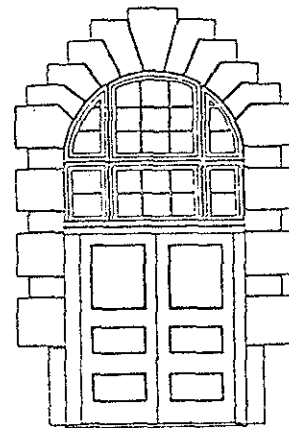
WINDOW AND DOOR TYPES



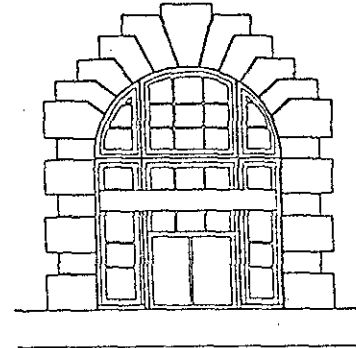
A
Basement Window



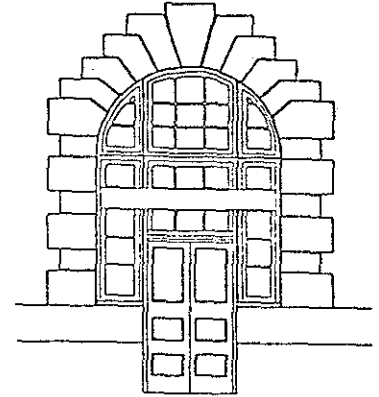
B1
Basic Window Type



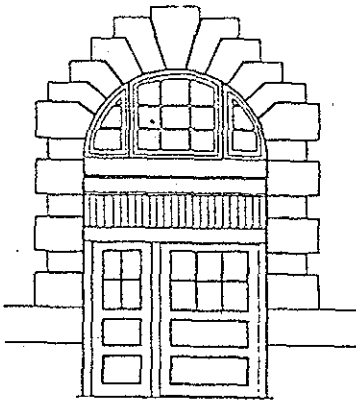
B2
Door Variation of B1



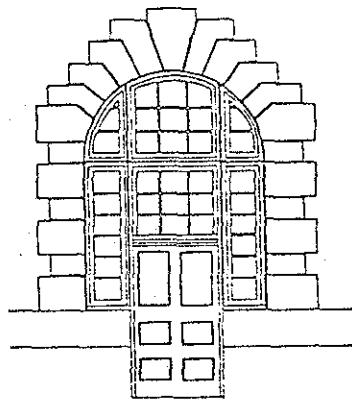
B3
North Elevation



B4
Door Variation of B3



B5
Door to Passageway

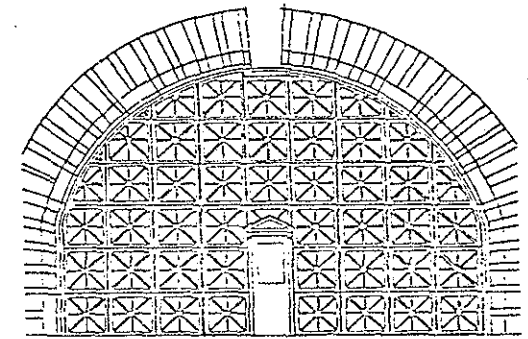


B6
Door Cut into B1

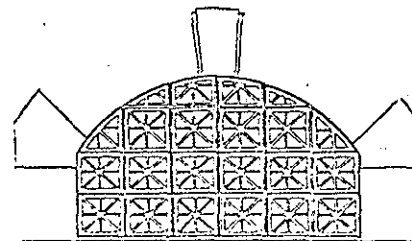
1st Floor Windows



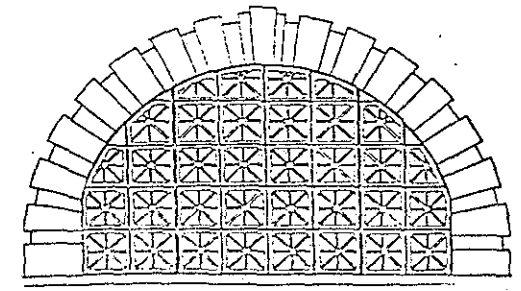
C1
1st Floor Bay of Main Arches



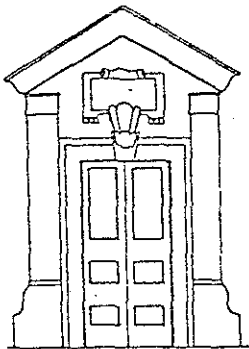
C2
2nd Floor of Main Arches



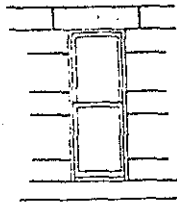
C3
North and South Elevations of Clerestory



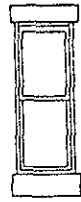
C4
East and West Elevations of Clerestory



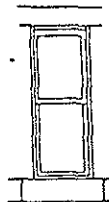
D
Tower Entrance



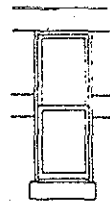
E1
1st Floor
next to Tower



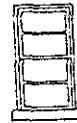
E2
1st Floor



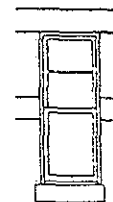
E3
2nd Floor
next to Tower



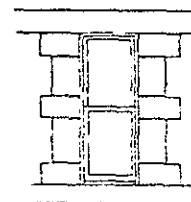
E4
2nd Floor
East Wing



E5
2nd Floor
SE Light Court



E6
3rd Floor,
Light Courts

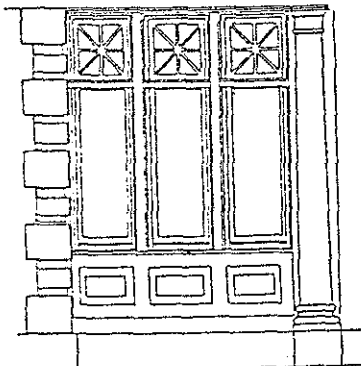


E7
3rd Floor
East Wing

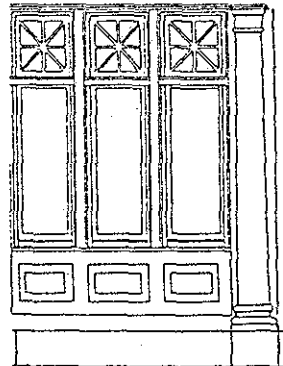


E8
1st Floor
N Elevation

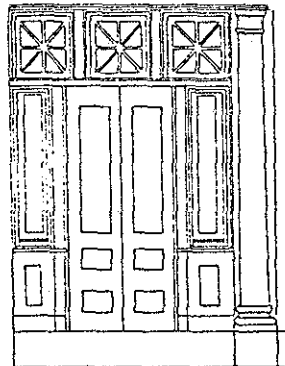
Bathroom Windows



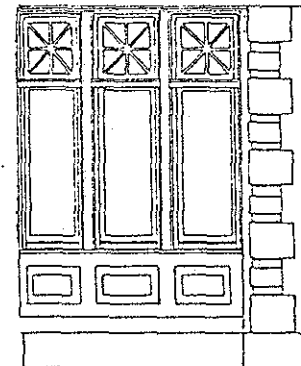
F1



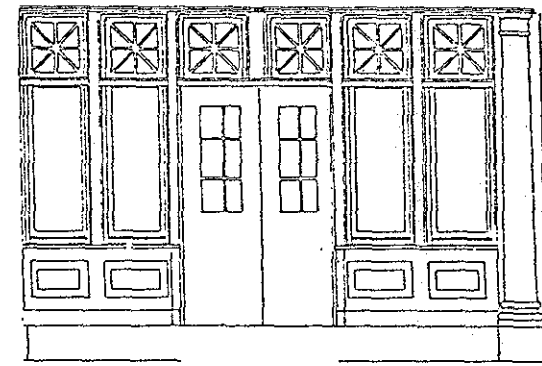
F2



F3



F4

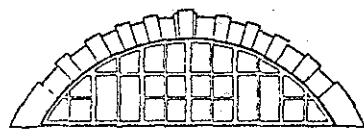


F5

Ticket Office Window Bays

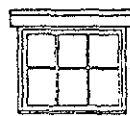


G1

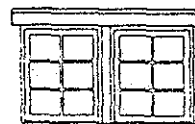


G2

Arches over Ticket Office



H1

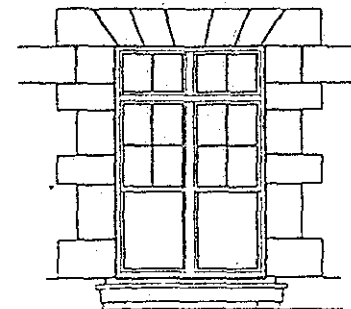


H2

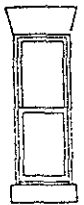
1st Floor, East Light Courts



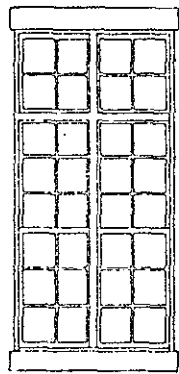
I
2nd Floor
West Light Courts



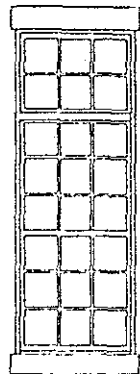
J
2nd Floor, Main Window



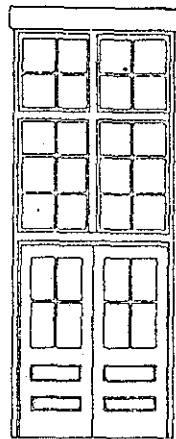
K
2nd Floor, Towers



L1

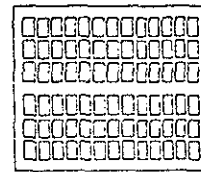


L2

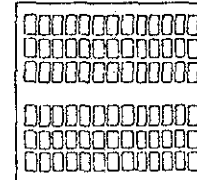


L3

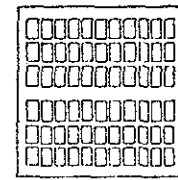
2nd Floor Lightcourts



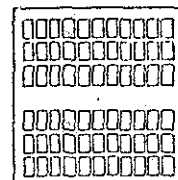
M1



M2

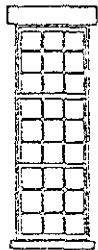


M3

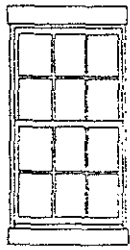


M4

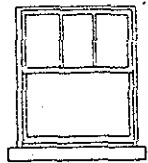
Skylights over Ticket Office



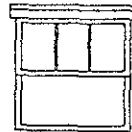
N
2nd Floor
East Light Courts



O
2nd Floor
NE Light Court

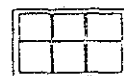


P
2nd Floor
East Light Courts

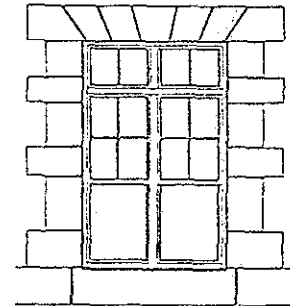


Q

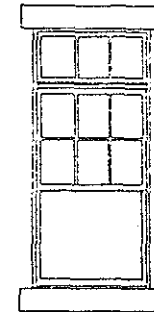
2nd Floor, West Light Courts



R

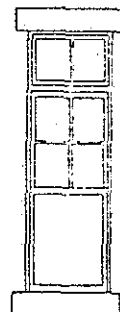


S
3rd Floor Main Windows

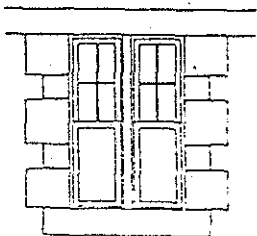


T1

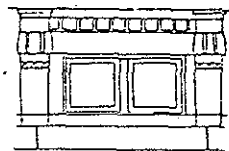
3rd Floor Light Courts



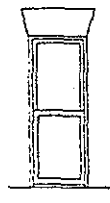
T2



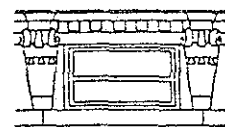
U
3rd Floor Light Courts



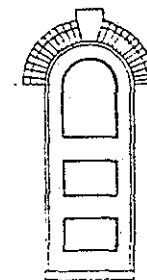
V
3rd Floor Tower Window



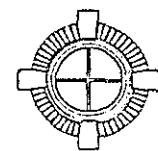
W
3rd Floor Bathroom next to Tower



X
3rd Floor Central Windows

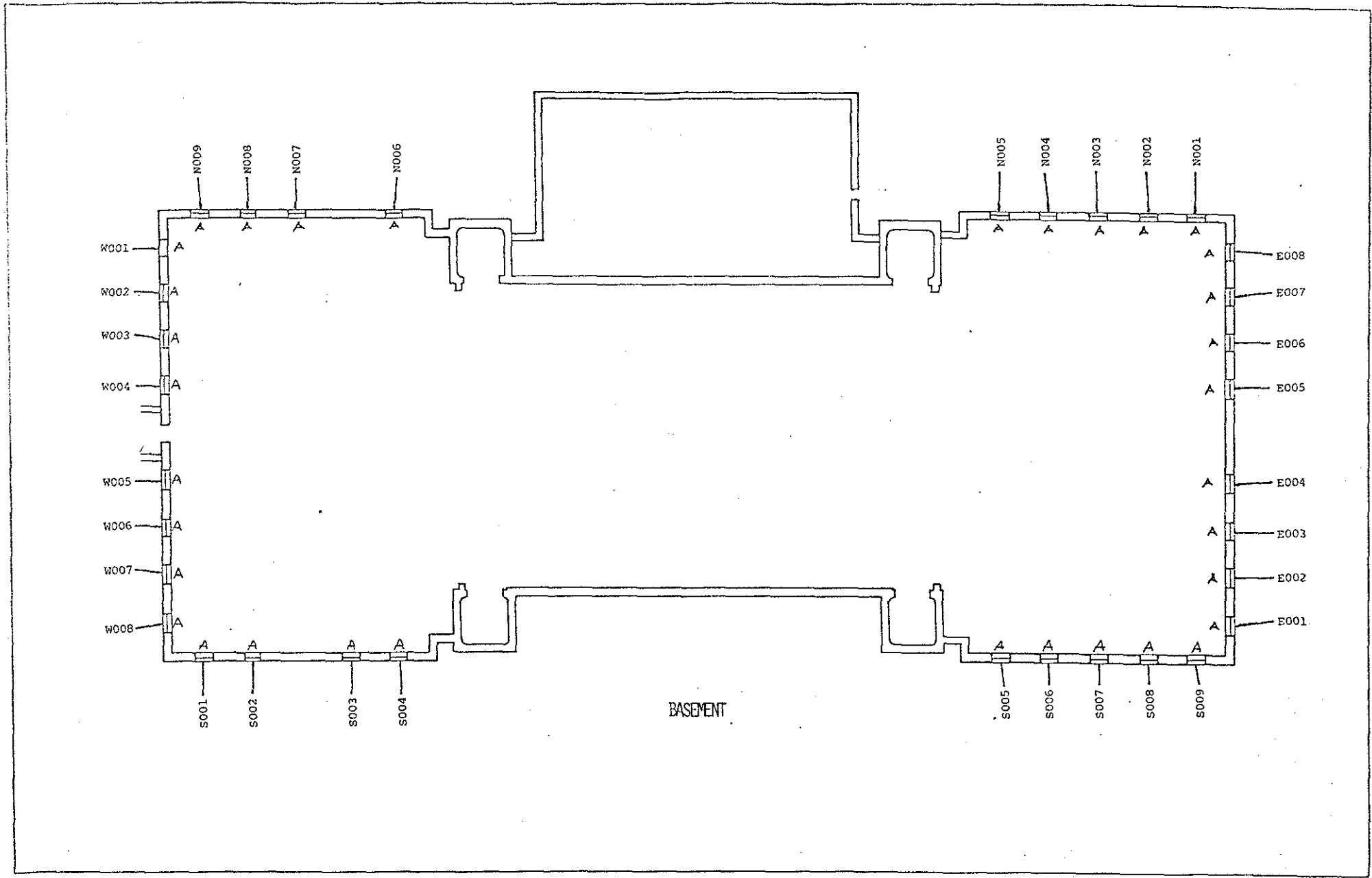


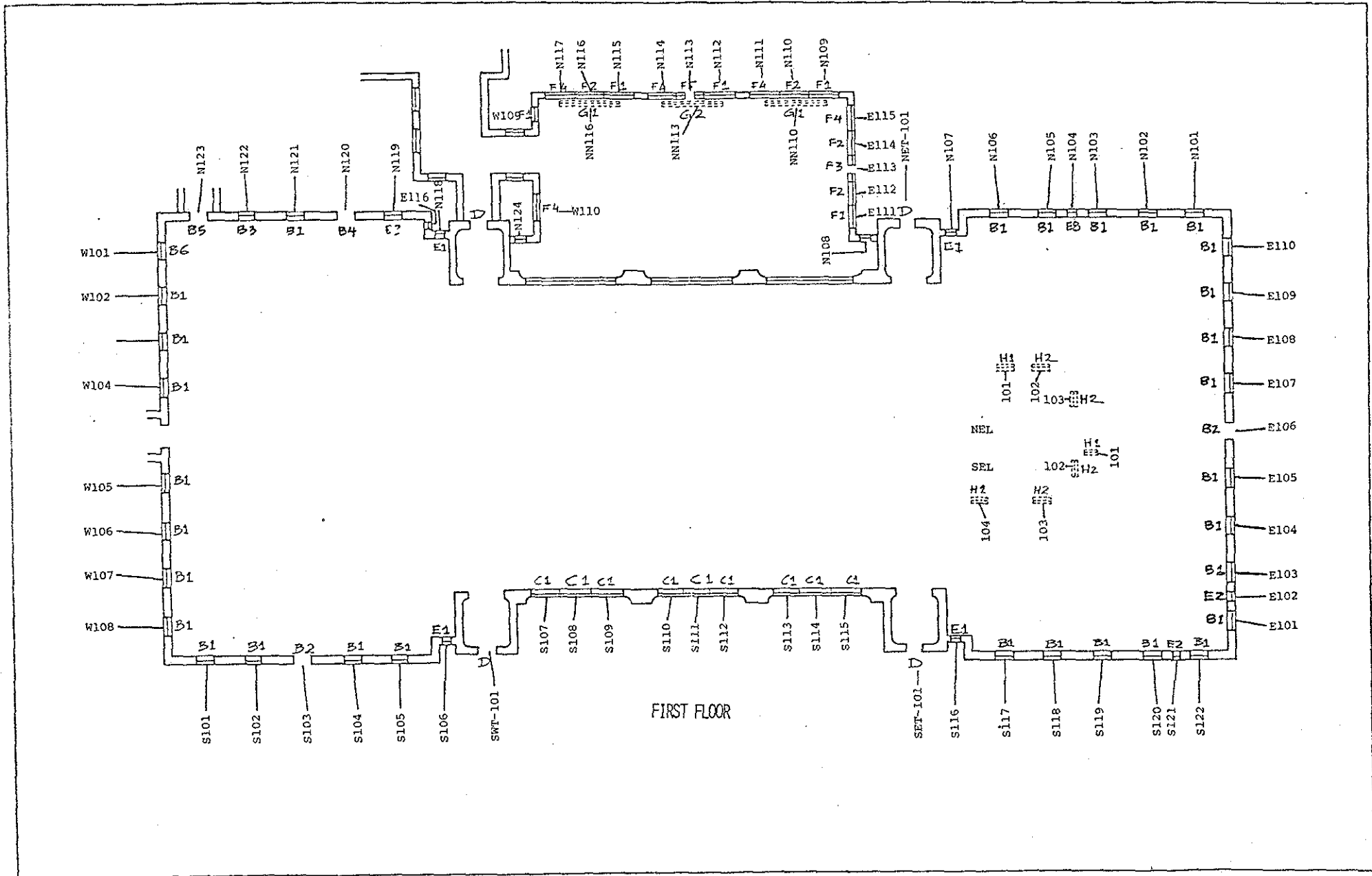
Y
Tower Roof Door

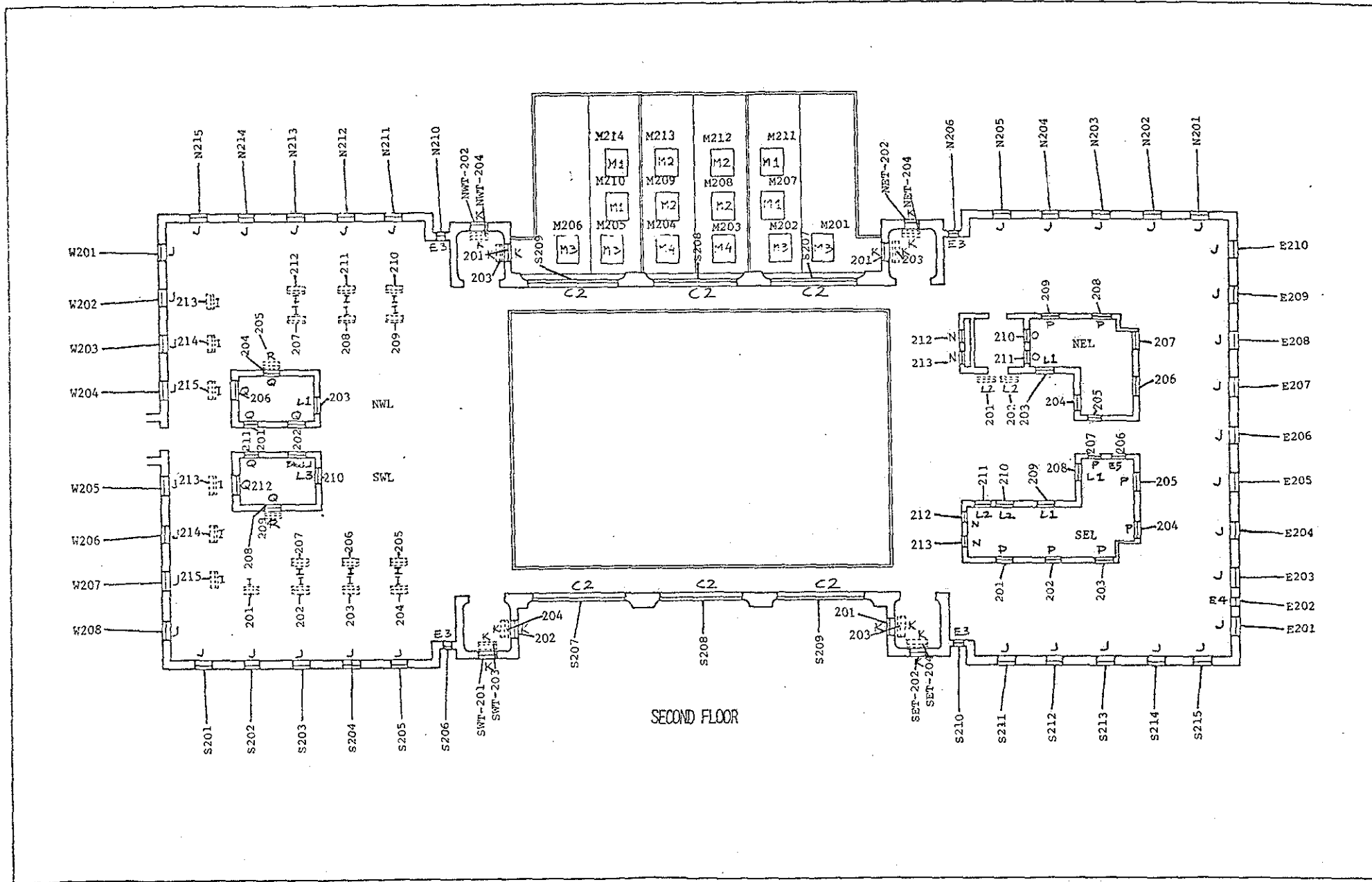


Z
Tower Round Window

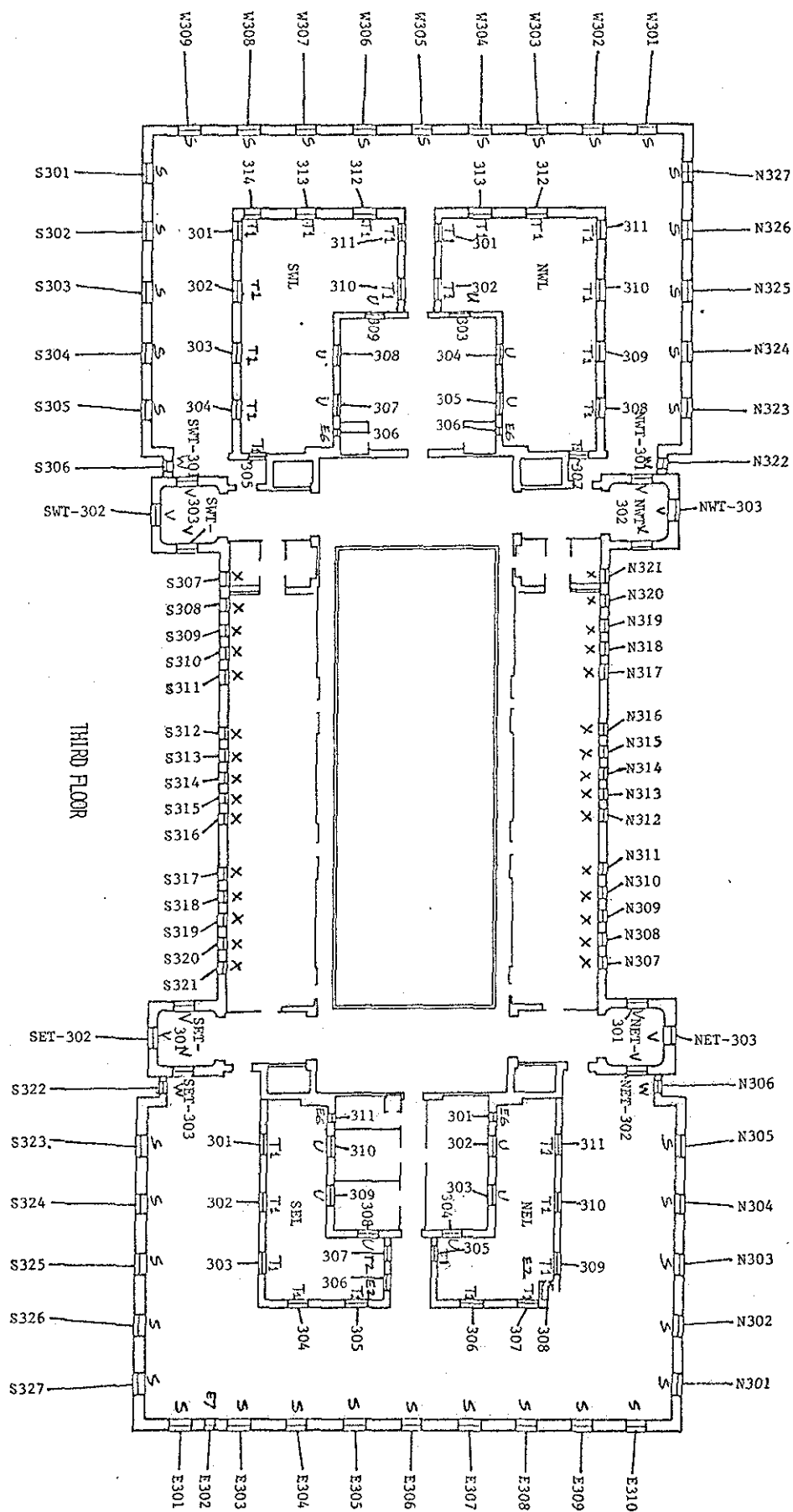
Floor Plans



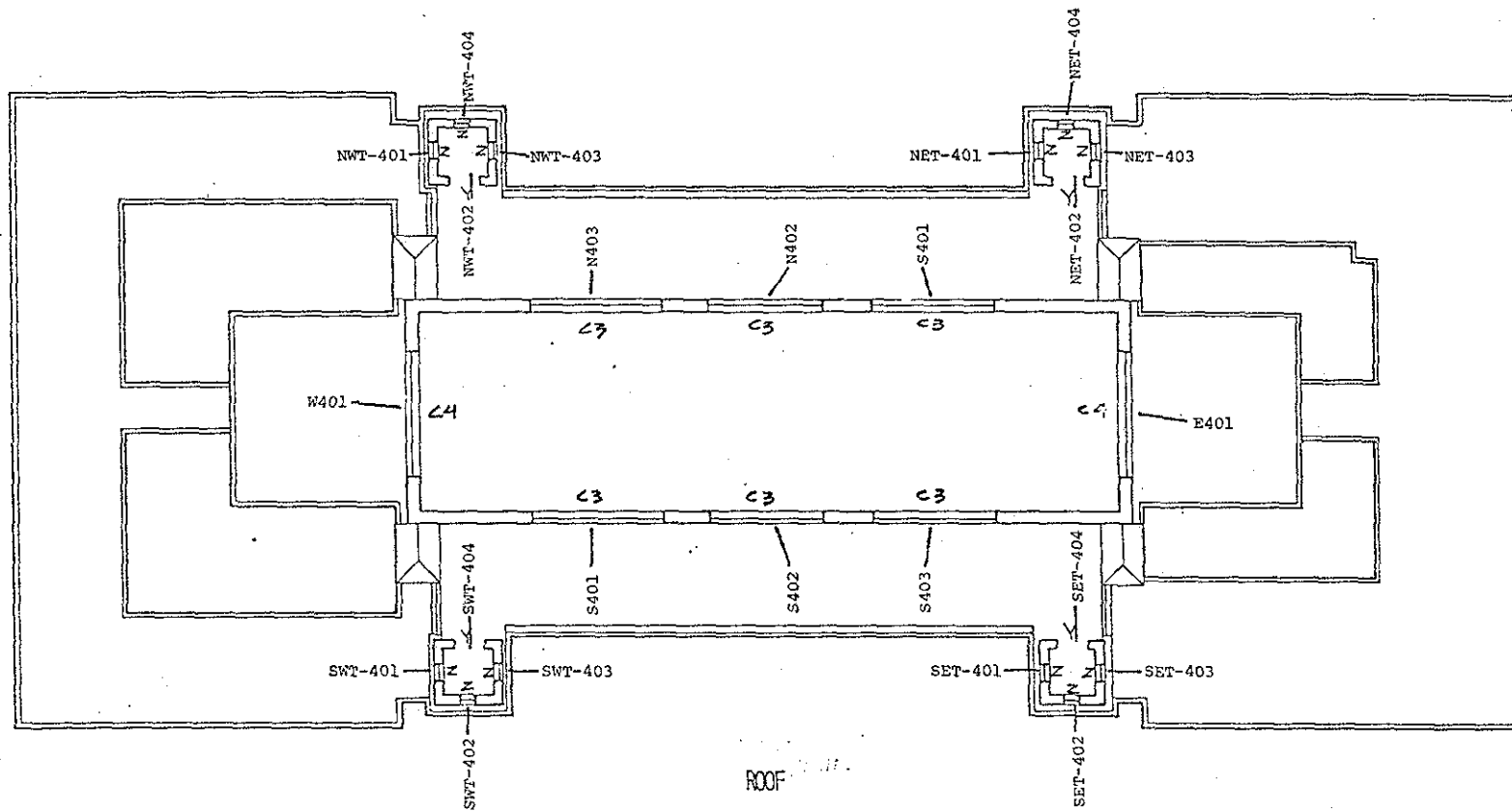




SECOND FLOOR

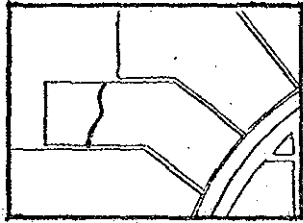


THIRD FLOOR

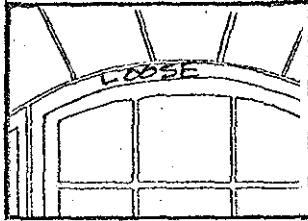


Window Survey Forms

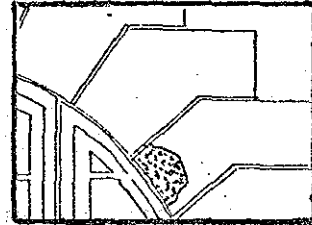
KEY TO WINDOW SURVEY FORMS



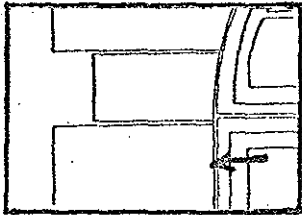
Crack in Stone



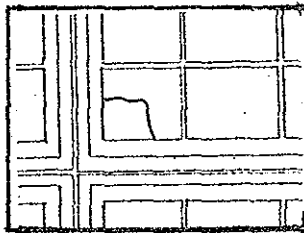
Loose Moulding



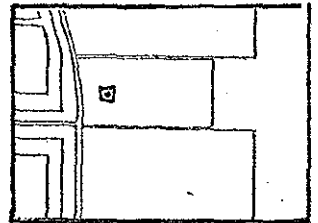
Spalled Stone



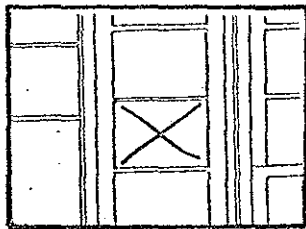
Grill Anchored
in Reveal



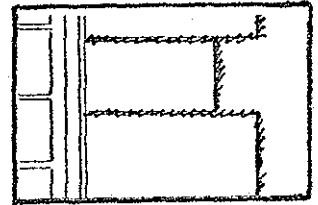
Crack in Glass



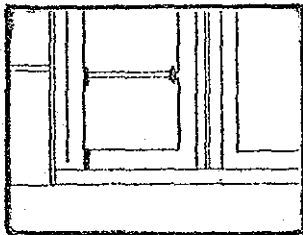
Site of Grill
Anchor



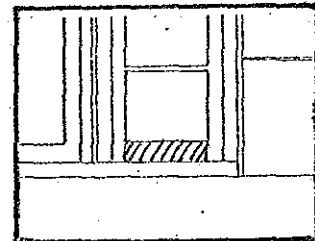
Broken Glass



Joints in Need of
Repointing

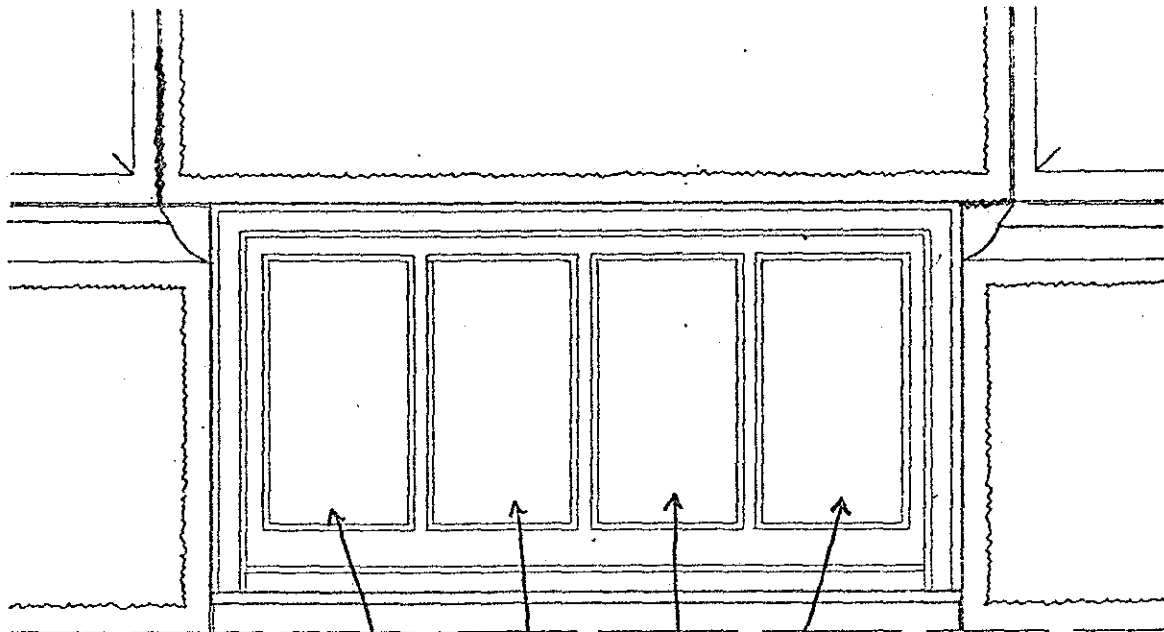


Open Joints



Element Requiring
Replacement

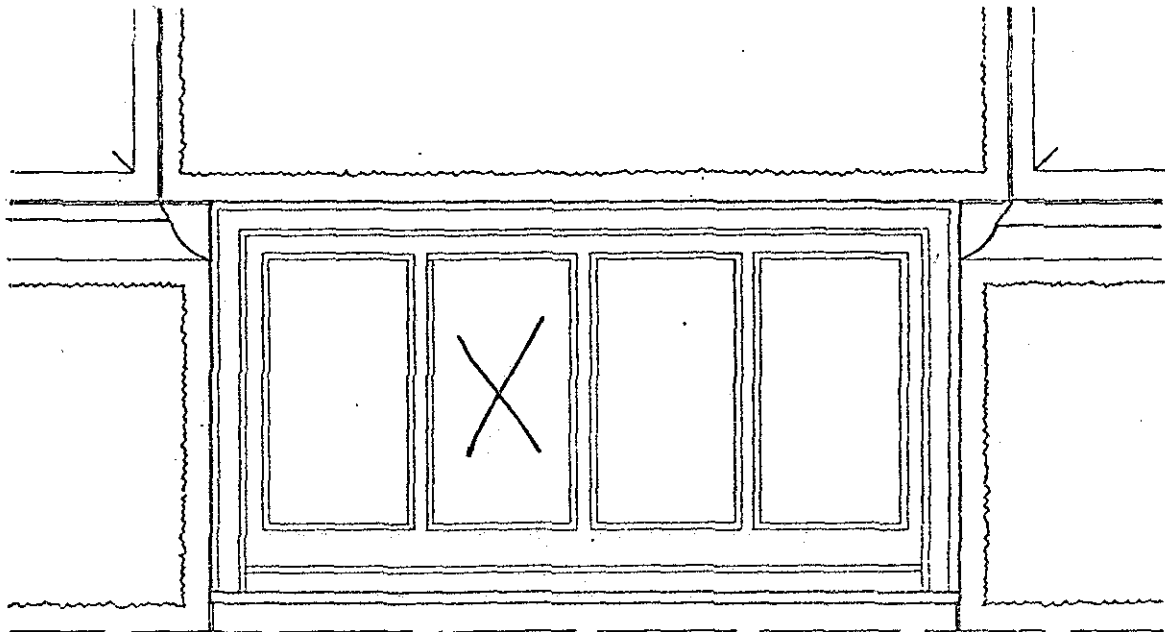
Note: Survey sheets have been grouped according to alphabetical window type and by elevation within each type.



ALL GLAZING INSTALLED
FROM INSIDE

IRON BARS

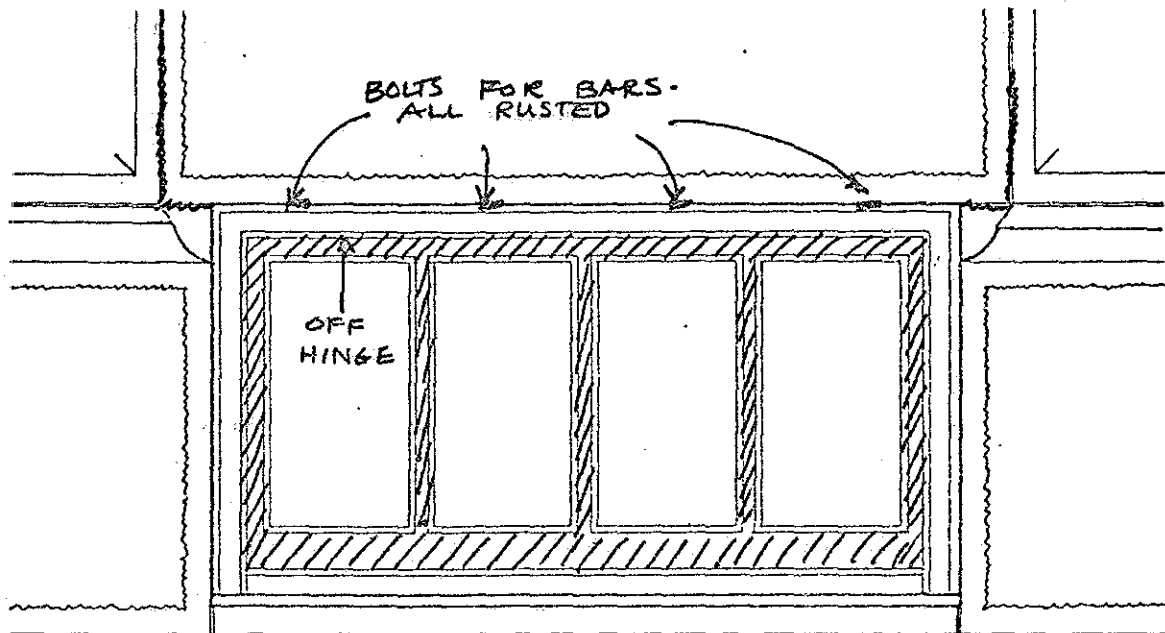
<p>TYPE A- BASEMENT WINDOW</p>	<p>NUMBER N001</p>	<p>CLASS 1</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York</p>	<p>BUILDING CONSERVATION TECHNOLOGY THE BERENSON GROUP 19 West 44th Street, New York NY 10036</p>	



UNABLE TO REACH SASH THRU BARS - ALL
 TRIM COVERED WITH IVY-VERIFY CONDITION
 WHEN GRILL OR BACKING REMOVED.

IRON BARS

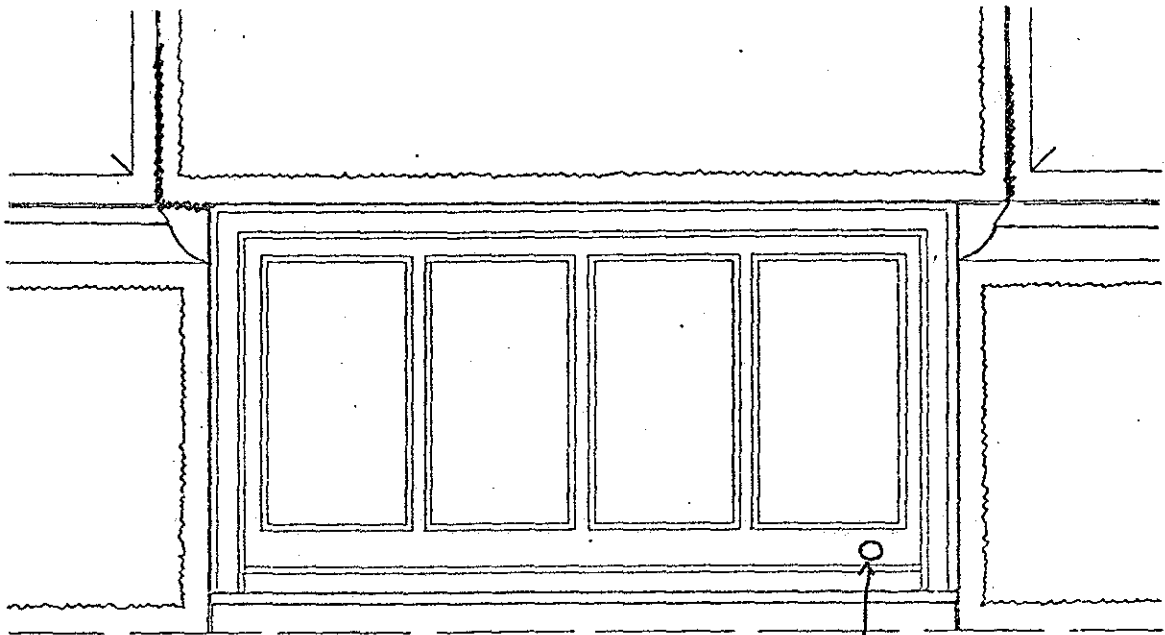
TYPE A- BASEMENT WINDOW	NUMBER N 002	CLASS /2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE DEBOGANTZ GROUP 19 West 44th Street, New York NY 10036	



UNABLE TO REACH SASH THRU BARS; TRIM
 COVERED WITH VEGETATION & IVY - WEEDS
 GROWING BEHIND WINDOW - VERIFY CONDITION
 WHEN GRILL OR BACKING REMOVED

IRON BARS

TYPE A- BASEMENT WINDOW	NUMBER N003	CLASS 1/2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE BERENSONZ GROUP 19 West 41th Street, New York NY 10036	

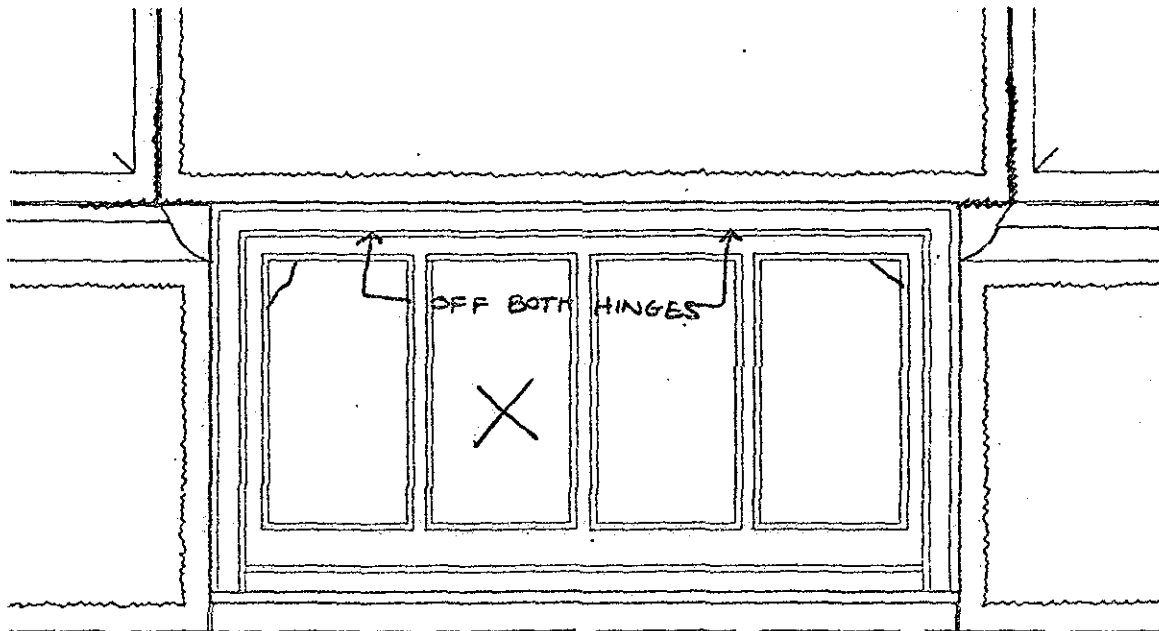


HOLE IN RAIL

INTERIOR: REPLACE STOP ON SILL

IRON BARS

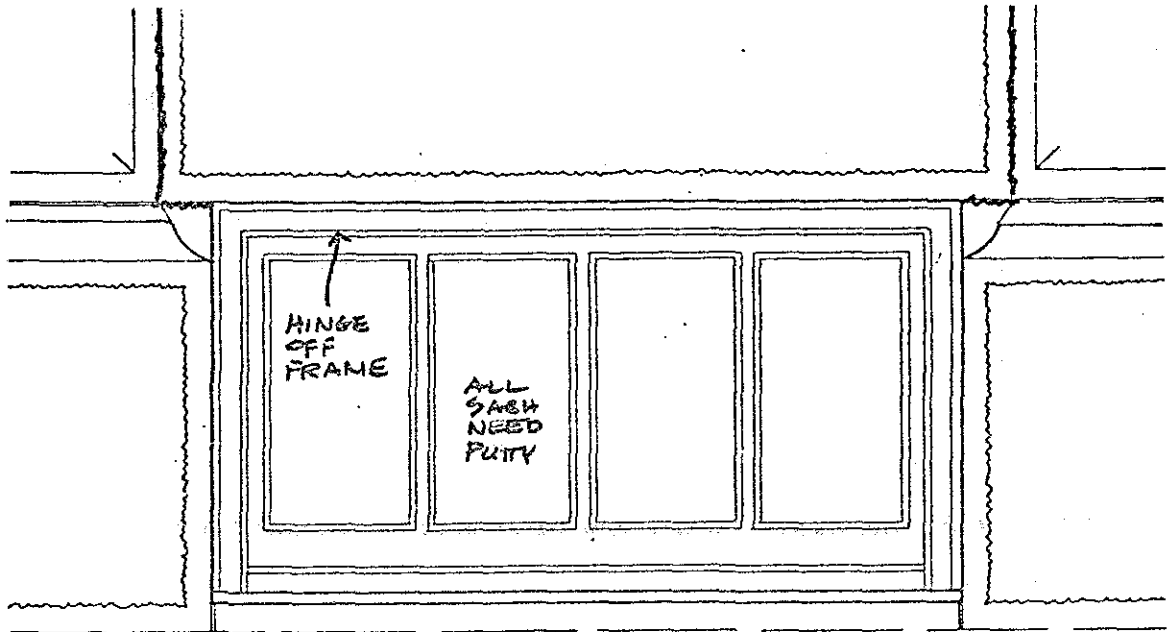
<p>TYPE A- BASEMENT WINDOW</p>	<p>NUMBER N 004</p>	<p>CLASS 2</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York</p>	<p>BUILDING OBSERVATION TECHNOLOGY THE EHRENWALT GROUP 19 West 44th Street, New York NY 10036</p>	



INTERIOR: REPLACE STOP ON SILL

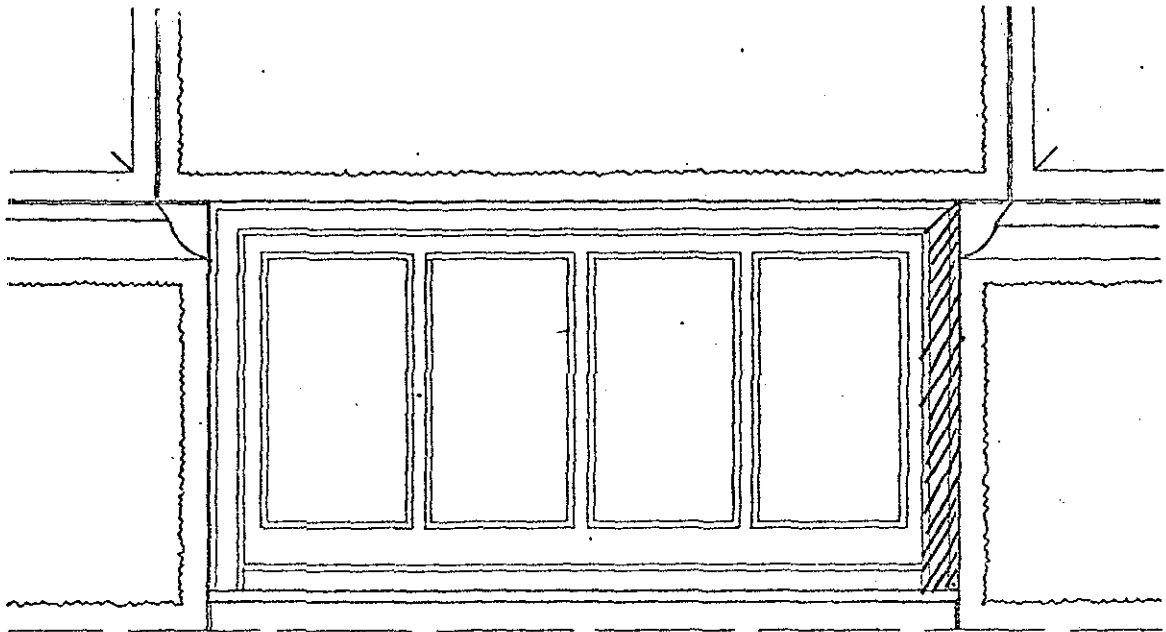
GRILL

<p>TYPE A- BASEMENT WINDOW</p>	<p>NUMBER N 005</p>	<p>CLASS 2</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York</p>	<p>BUILDING CONSERVATION TECHNOLOGY THE EBENGRANZ GROUP 19 West 44th Street, New York NY 10036</p>	



GRILL

<p>TYPE</p> <p>A- BASEMENT WINDOW</p>	<p>NUMBER</p> <p>N006</p>	<p>CLASS</p> <p>1</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND</p> <p>Statue of Liberty National Monument, New York</p>	<p>BUILDING CONSERVATION TECHNOLOGY THE BERENJANTZ GROUP</p> <p>19 West 44th Street, New York NY 10036</p>	

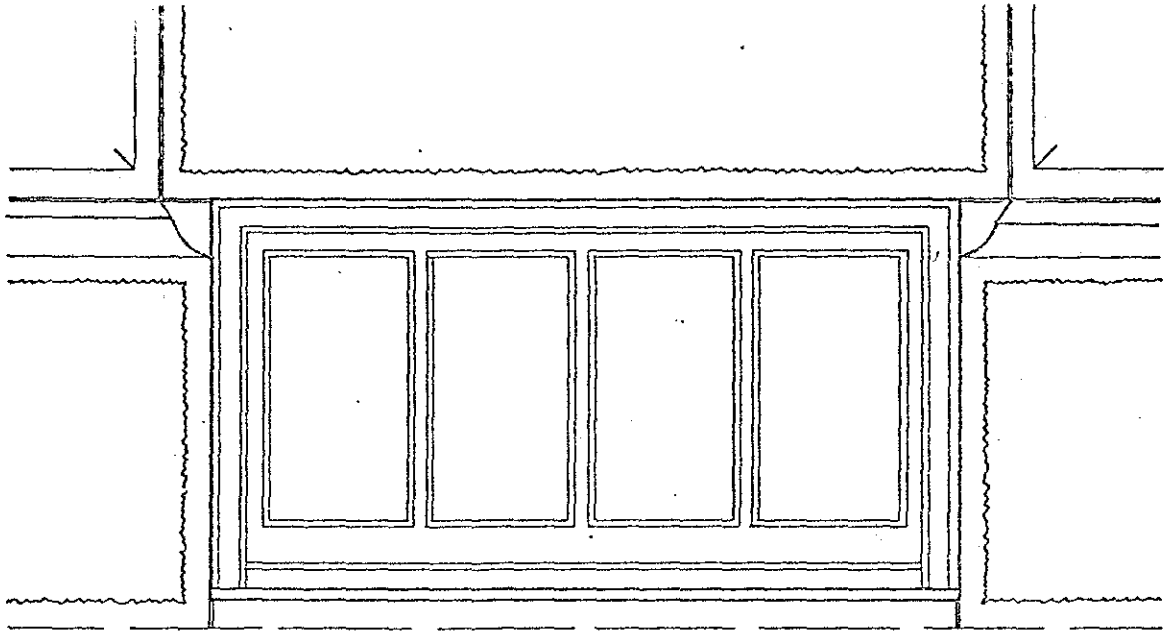


INTERIOR: .REPLACE WEST (RIGHT) JAMB
 .REPLACE ROTTED STOPS ON SILL

EXTERIOR NOT ACCESSIBLE

GRILL

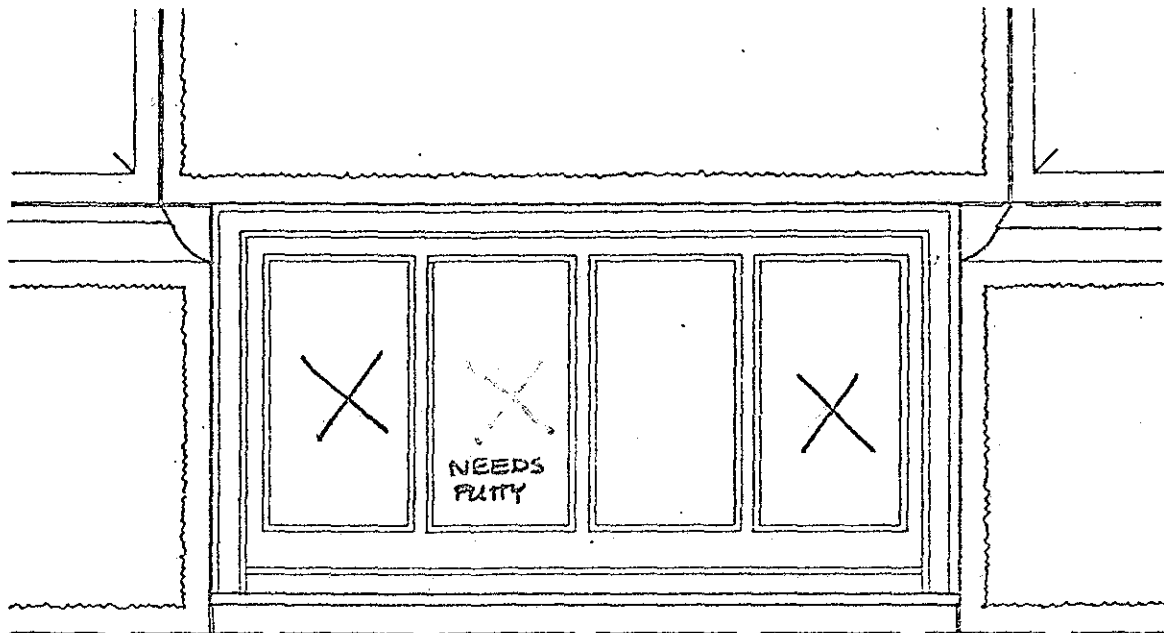
TYPE A- BASEMENT WINDOW	NUMBER N 007	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EPSTEIN/GRANT GROUP 19 West 46th Street, New York NY 10036	



NOT ACCESSIBLE FROM EXTERIOR
 CLOSED SHUT
 APPEARS O.K.

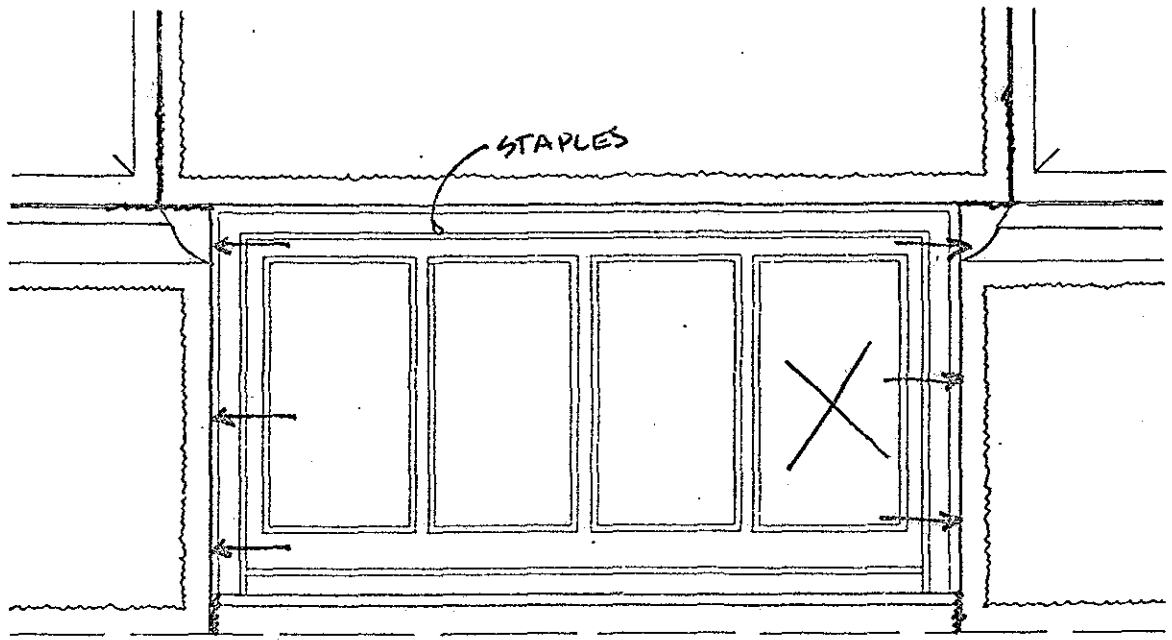
GRILL

TYPE A- BASEMENT WINDOW	NUMBER N 008	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE BERENSON GROUP 19 West 44th Street, New York NY 10036	



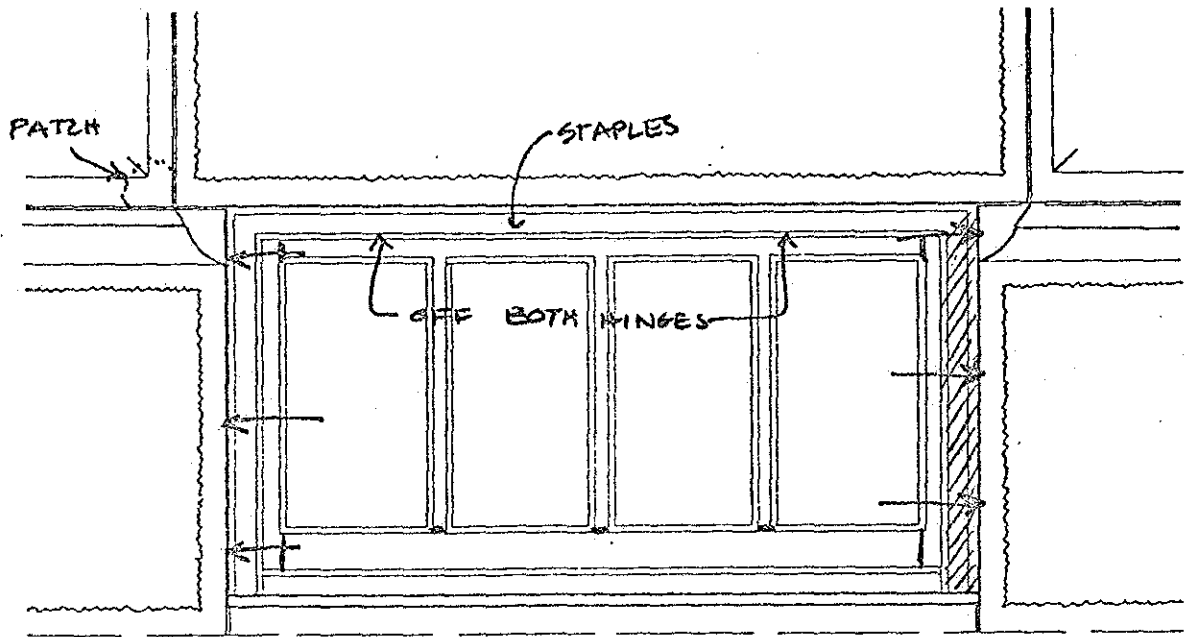
GRILL

<p>TYPE A- BASEMENT WINDOW</p>	<p>NUMBER N 009</p>	<p>CLASS 1</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York</p>	<p>BUILDING CONSERVATION TECHNOLOGY THE EPENGRANTZ GROUP 19 West 44th Street, New York NY 10036</p>	



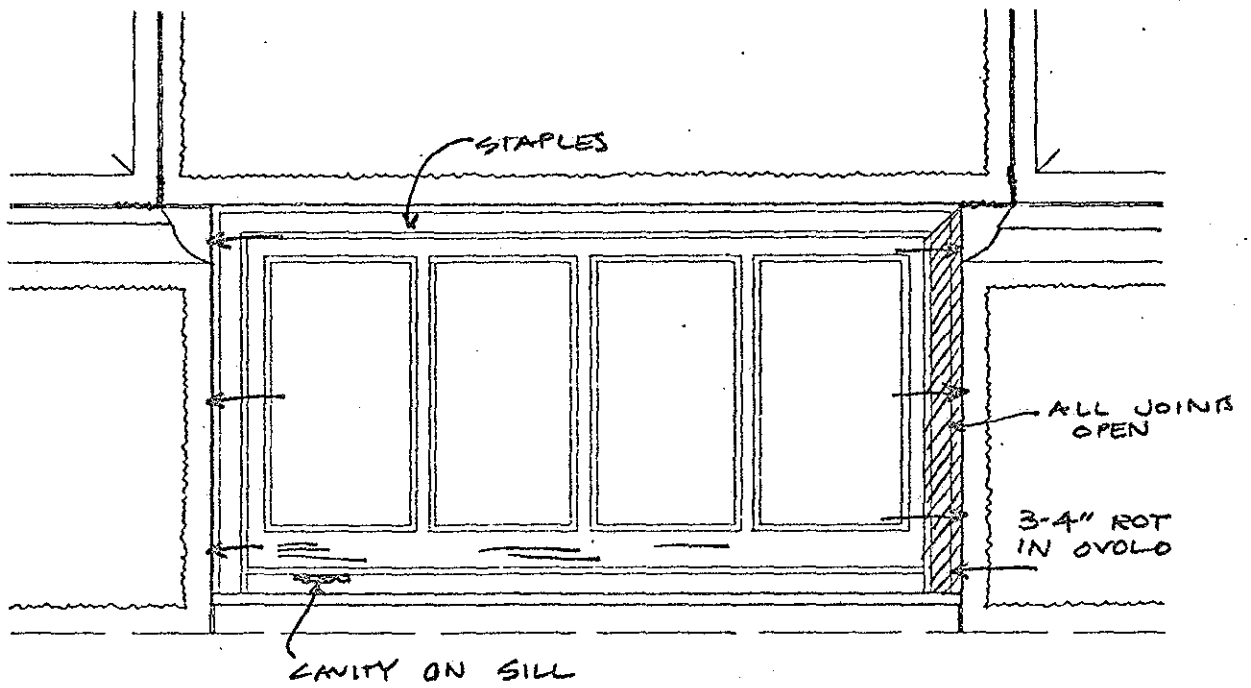
INTERIOR: REPLACE STOP ON SILL

<p>TYPE A- BASEMENT WINDOW</p>	<p>NUMBER E 001</p>	<p>CLASS 2</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York</p>	<p>BUILDING CONSERVATION TECHNOLOGY THE BERENSON GROUP 19 West 44th Street, New York NY 10036</p>	



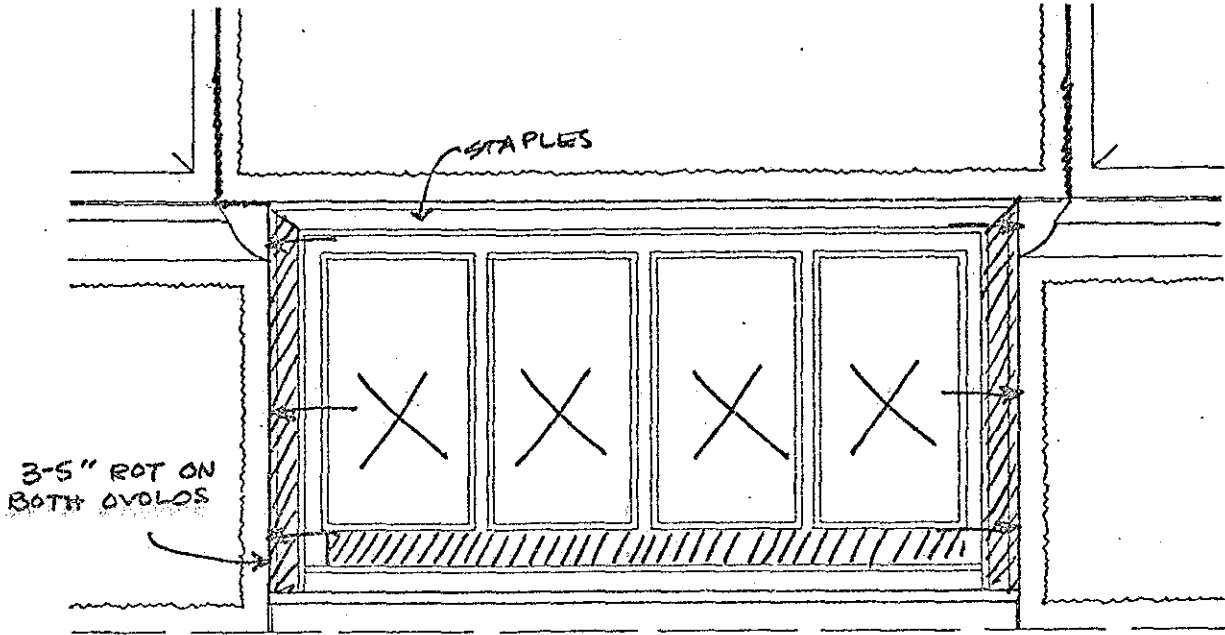
WIRE GRATING INSIDE WINDOW

<p>TYPE A- BASEMENT WINDOW</p>	<p>NUMBER E 002</p>	<p>CLASS 2</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York</p>	<p>BUILDING CONSERVATION TECHNOLOGY THE EMERSON GROUP 19 West 44th Street, New York NY 10036</p>	



GRILL REMOVED

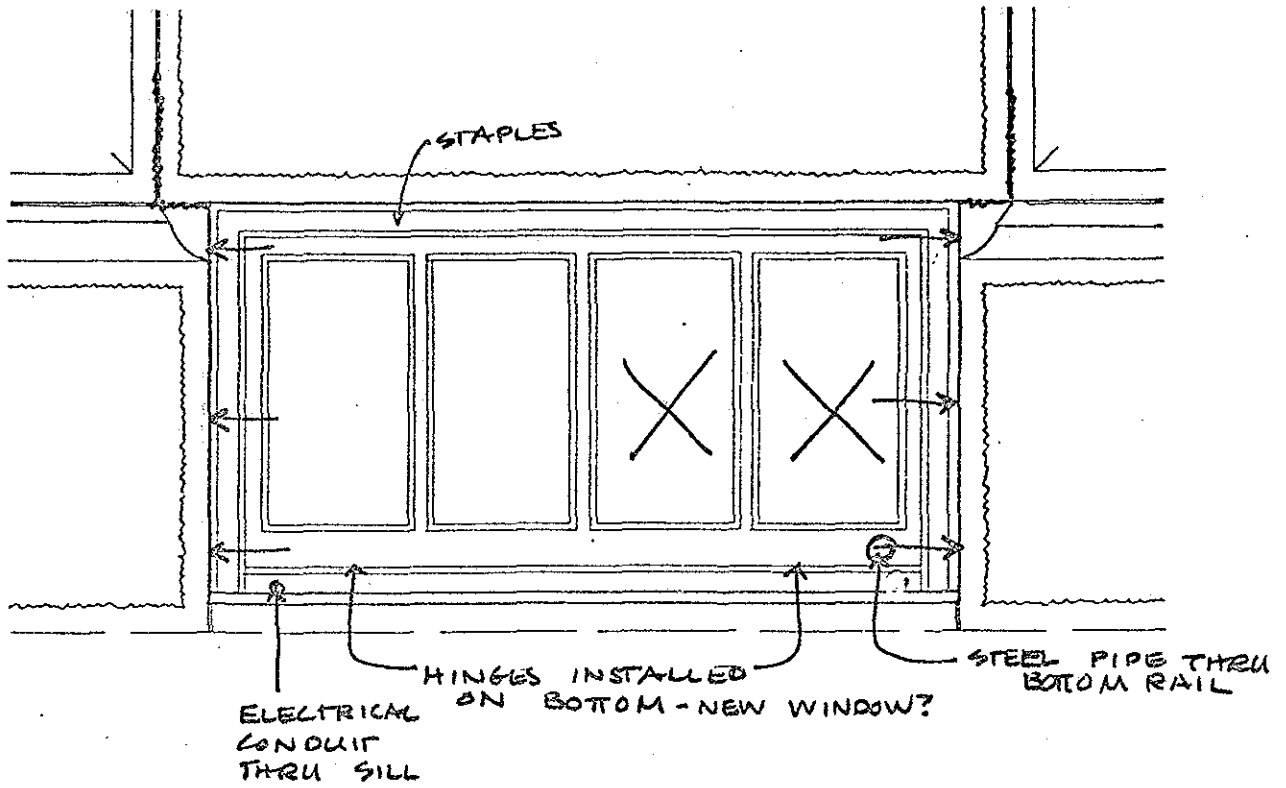
TYPE	NUMBER	CLASS
A- BASEMENT WINDOW MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	E 003 BUILDING CONSERVATION TECHNOLOGY THE BRONKRAVITZ GROUP 19 West 44th Street, New York NY 10036	2



INTERIOR: REPLACE STOP ON GILL

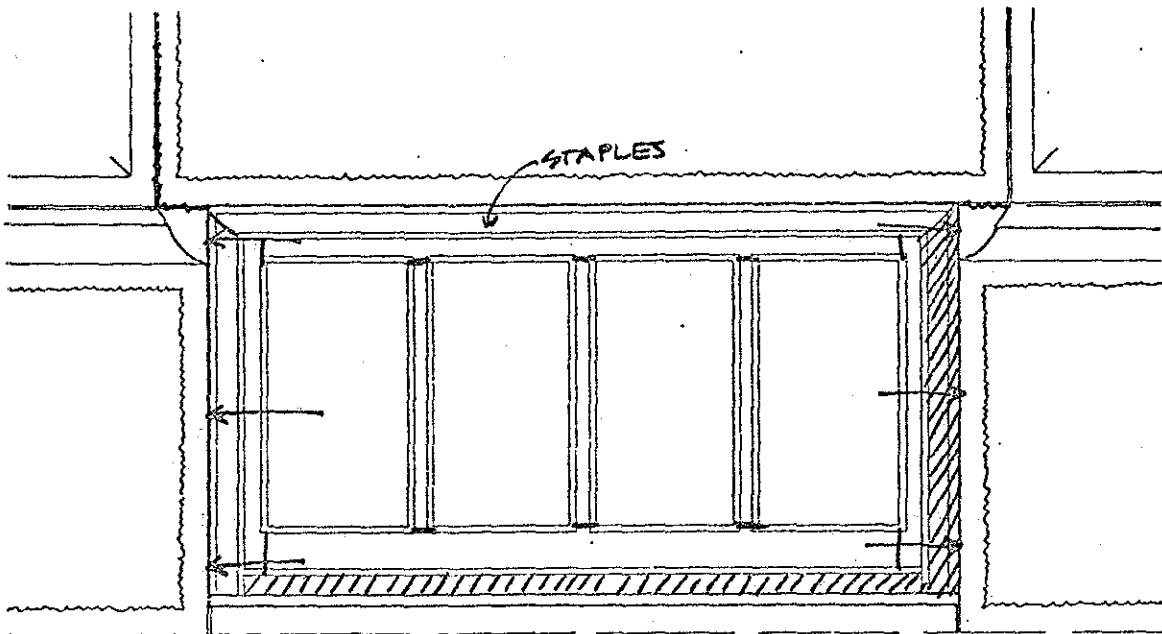
GRILL REMOVED

<p>TYPE A- BASEMENT WINDOW</p>	<p>NUMBER E 004</p>	<p>CLASS 2</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York</p>	<p>BUILDING CONSERVATION TECHNOLOGY THE EPENGRANTZ GROUP 29 West 44th Street, New York NY 10036</p>	

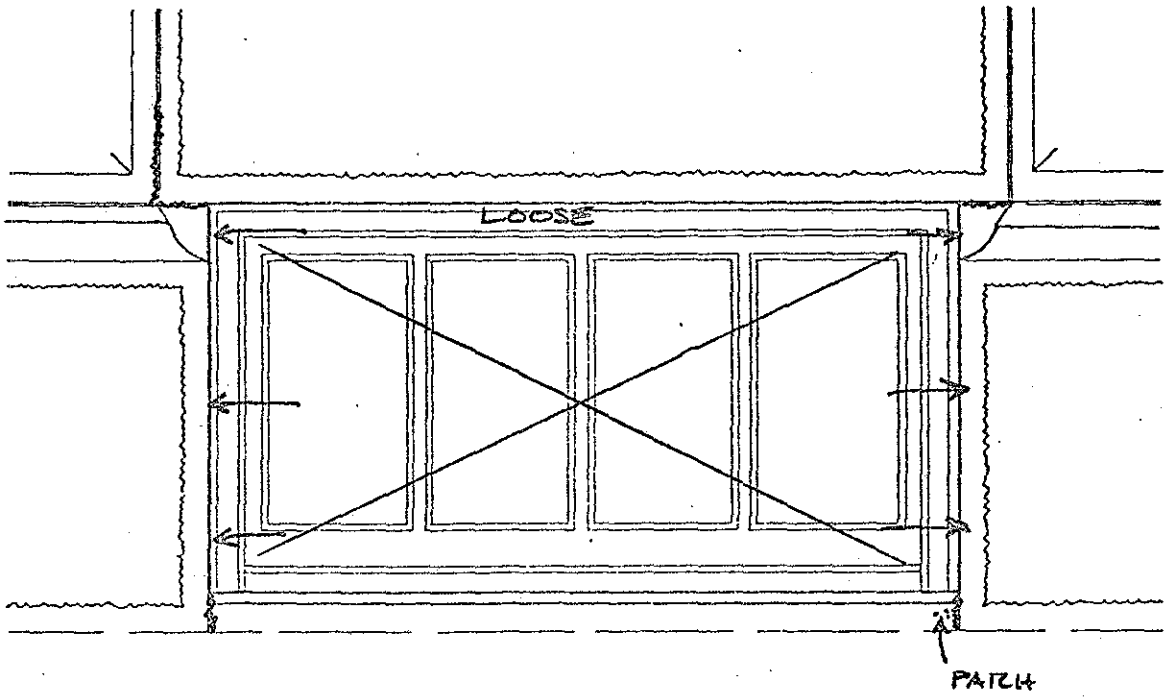


MESH GRATING INSIDE WINDOW

<p>TYPE A- BASEMENT WINDOW</p>	<p>NUMBER E005</p>	<p>CLASS 2</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York</p>	<p>BUILDING OBSERVATION TECHNOLOGY THE EPENGRANTZ GROUP 19 West 44th Street, New York NY 10036</p>	



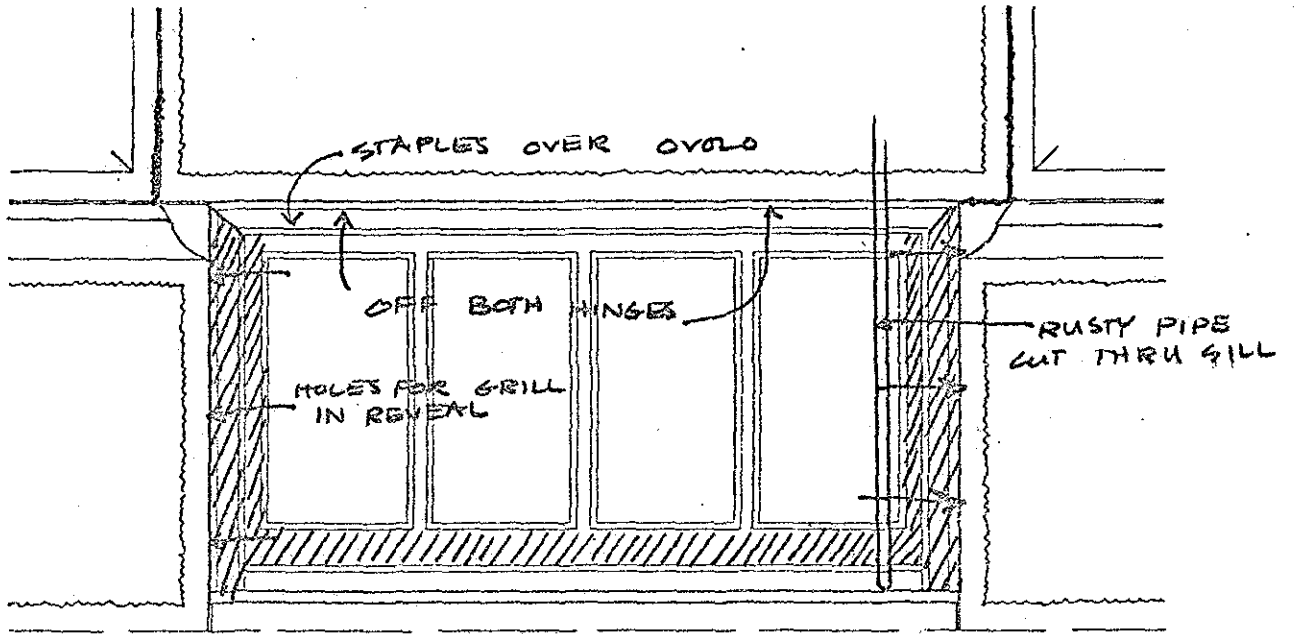
<p>TYPE</p> <p>A- BASEMENT WINDOW</p>	<p>NUMBER</p> <p>E 006</p>	<p>CLASS</p> <p>2</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION</p> <p>MAIN BUILDING</p> <p>ELLIS ISLAND</p> <p>Statue of Liberty National Monument, New York</p>	<p>BUILDING CONSERVATION TECHNOLOGY</p> <p>THE EHRENKRANTZ GROUP</p> <p>19 West 44th Street, New York NY 10036</p>	



EASEMENT SASH INSTALLED - REPLACE

GRILL REMOVED

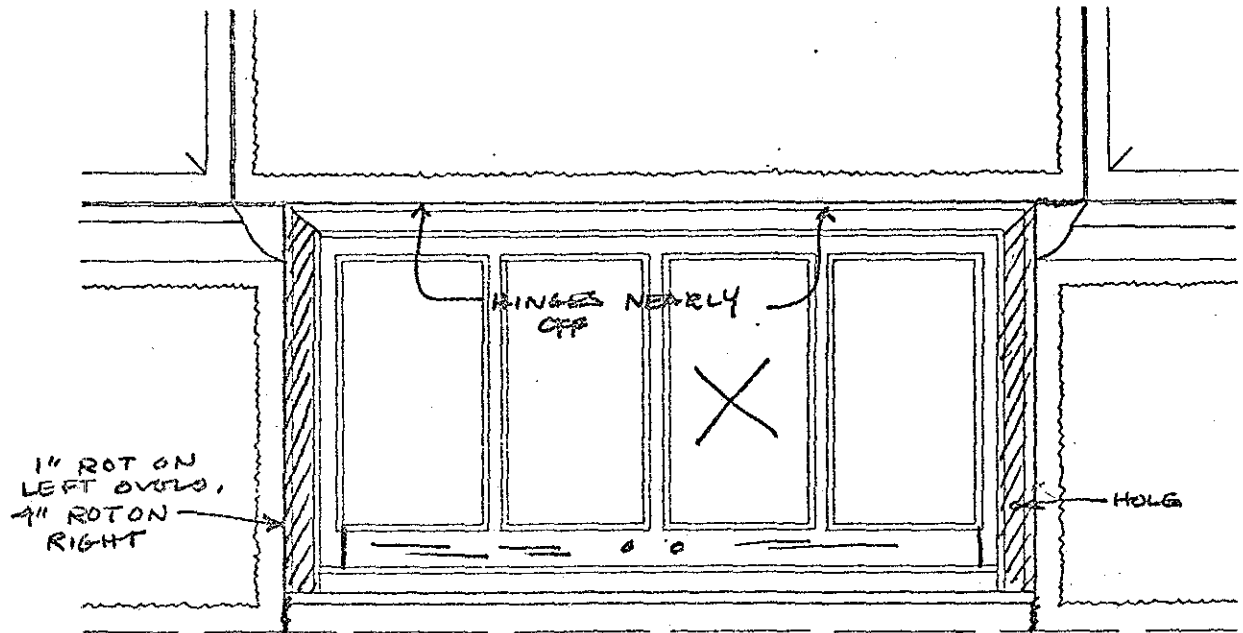
<p>TYPE A- EASEMENT WINDOW</p>	<p>NUMBER E 007</p>	<p>CLASS 3</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York</p>	<p>BUILDING CONSERVATION TECHNOLOGY THE BERENKANTZ GROUP 19 West 44th Street, New York NY 10036</p>	



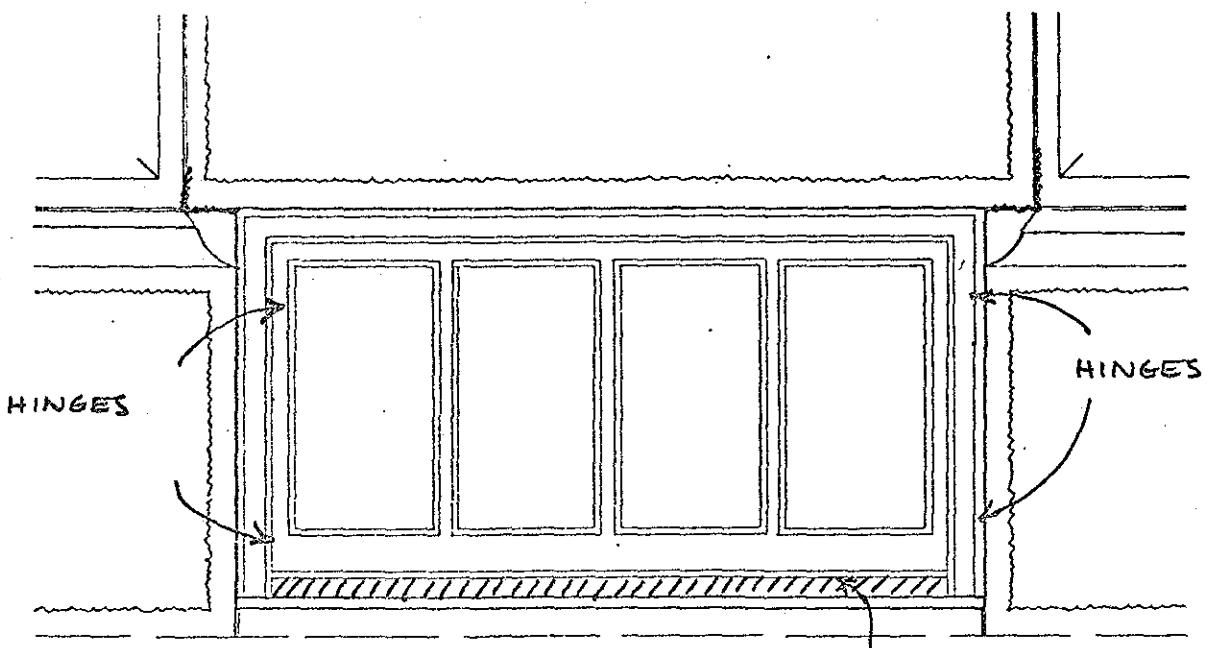
INTERIOR: REPLACE GOP ON SILL

GRILL REMOVED

<p>TYPE A- BASEMENT WINDOW</p>	<p>NUMBER E 008</p>	<p>CLASS 2</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York</p>	<p>BUILDING CONSERVATION TECHNOLOGY THE EPENKOWITZ GROUP 19 West 44th Street, New York NY 10036</p>	



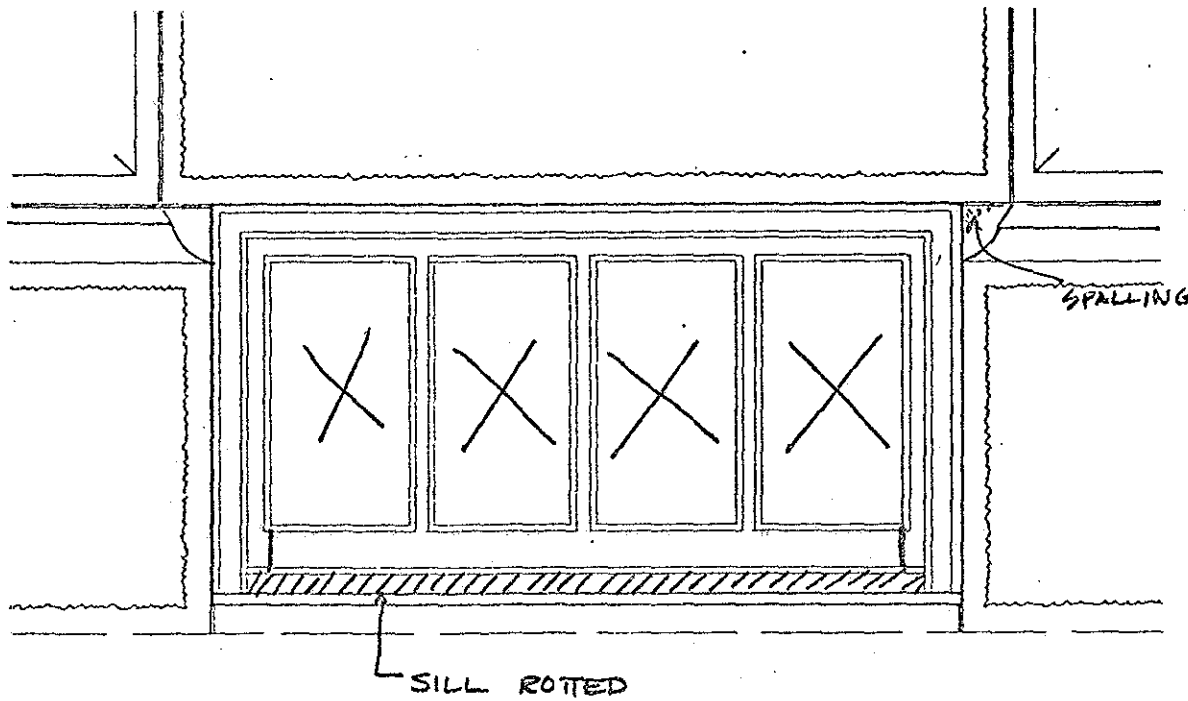
<p>TYPE A- EASEMENT WINDOW</p>	<p>NUMBER 5001</p>	<p>CLASS 2</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York</p>	<p>BUILDING CONSERVATION TECHNOLOGY THE ERONOWITZ GROUP 19 West 44th Street, New York NY 10036</p>	



CASEMENT SASH - REPLACE

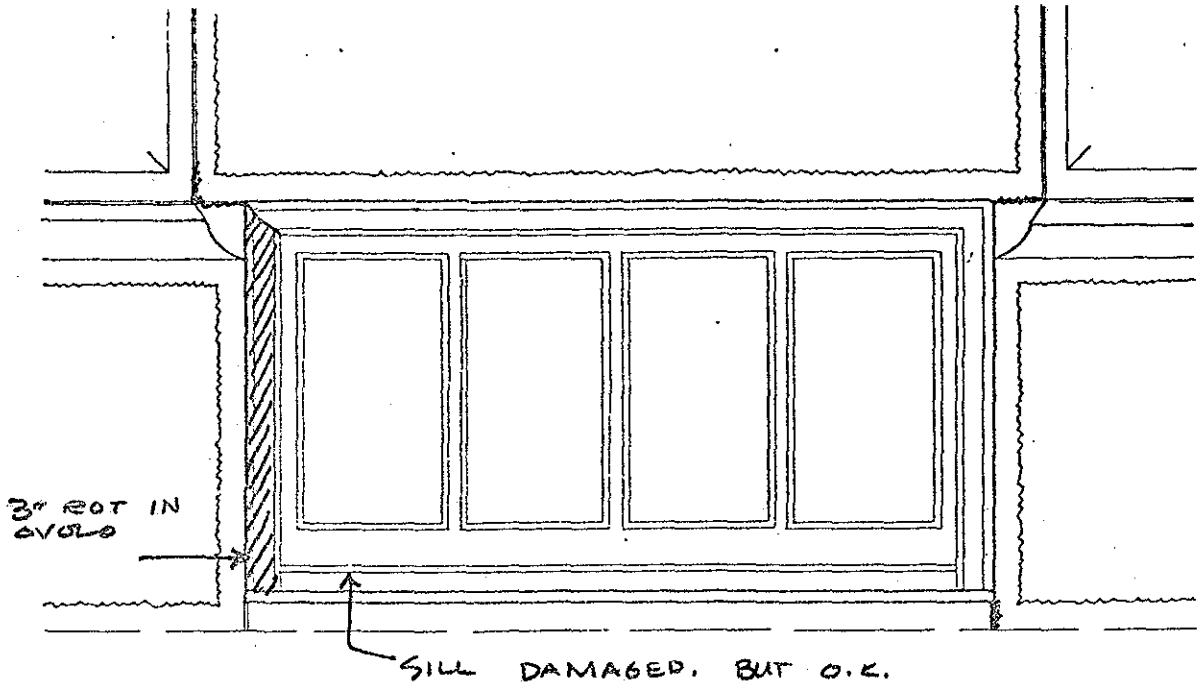
MESH CASEMENT GRATING INSIDE WINDOW

<p>TYPE A- BASEMENT WINDOW</p>	<p>NUMBER 5002</p>	<p>CLASS 3</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York</p>	<p>BUILDING CONSERVATION TECHNOLOGY THE BERENSON GROUP 19 West 44th Street, New York NY 10036</p>	



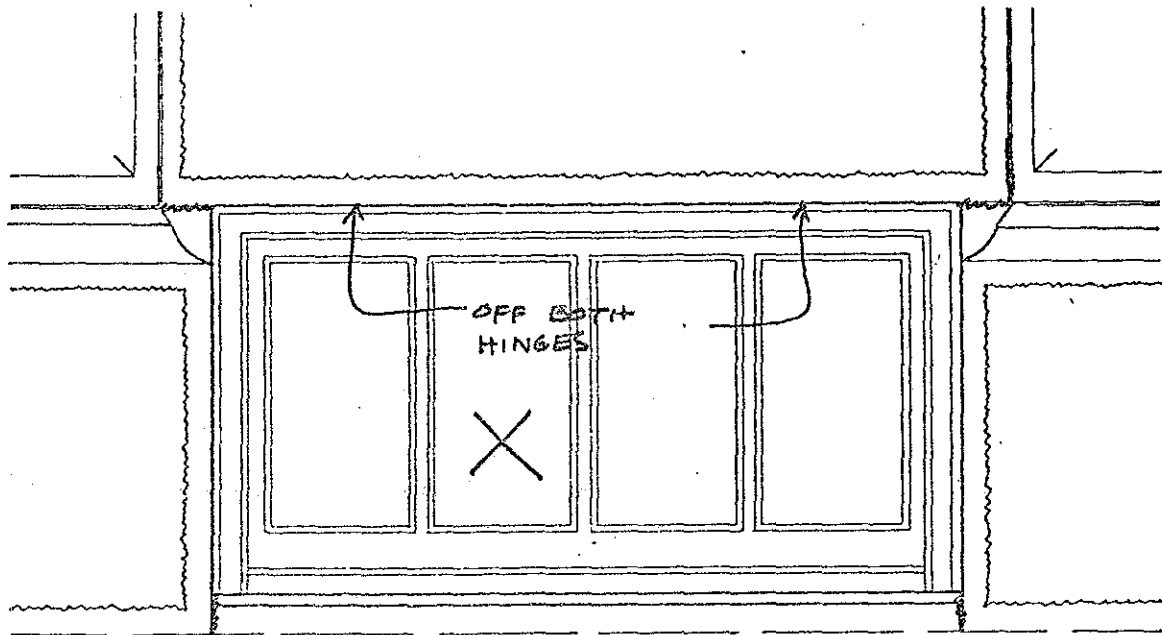
INNER GRATING REMOVED

<p>TYPE A- BASEMENT WINDOW</p>	<p>NUMBER 5003</p>	<p>CLASS 2</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York</p>	<p>BUILDING CONSERVATION TECHNOLOGY THE DEBOSKOWITZ GROUP 19 West 44th Street, New York NY 10036</p>	



WIRE GRATING INSIDE WINDOW

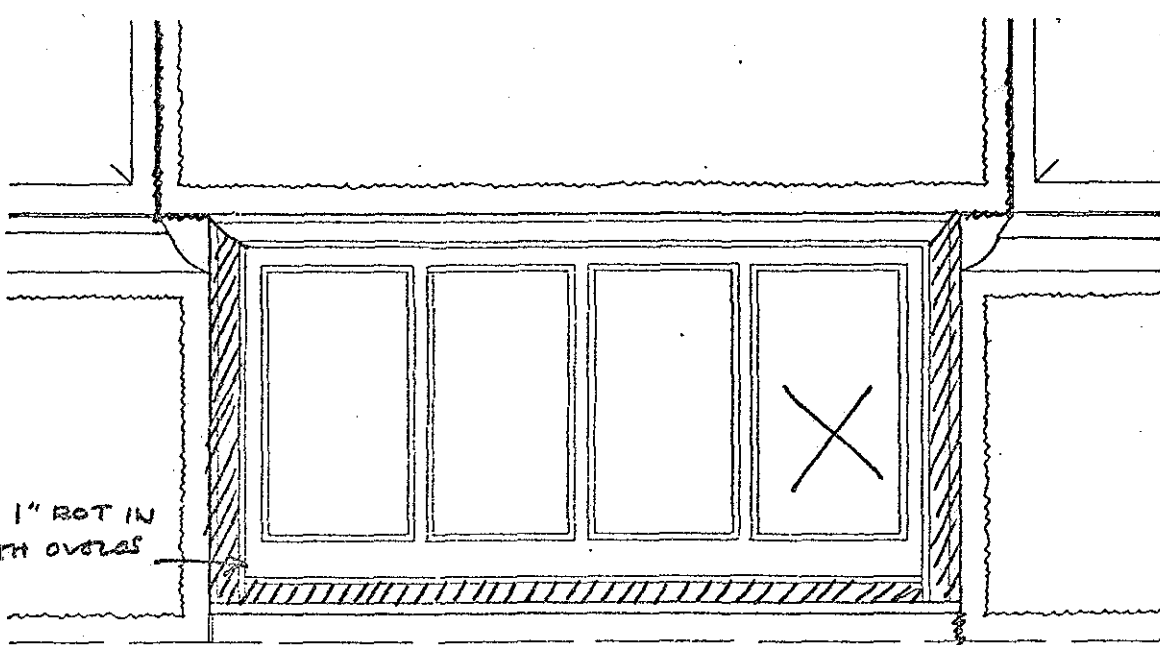
<p>TYPE A- BASEMENT WINDOW</p>	<p>NUMBER S004</p>	<p>CLASS 2</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York</p>	<p>BUILDING CONSERVATION TECHNOLOGY THE BERENSONTZ GROUP 19 West 44th Street, New York NY 10036</p>	



INTERIOR: REPLACE STOP ON SILL

WIRE GRATING INSIDE & HEAVY SCREENING

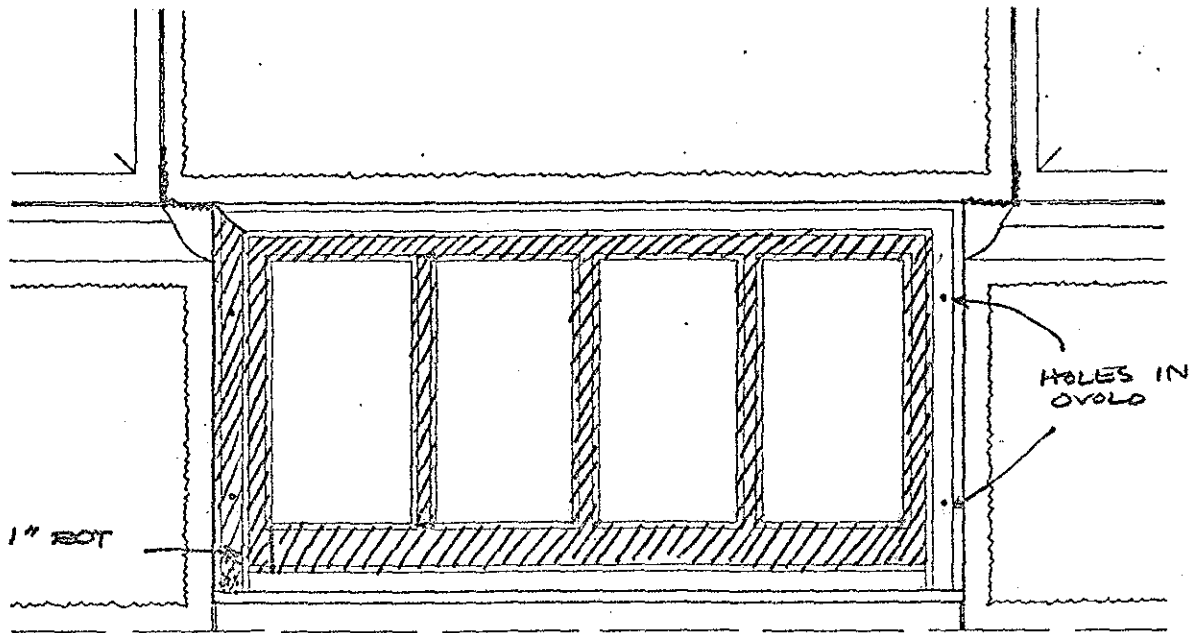
<p>TYPE A- BASEMENT WINDOW</p>	<p>NUMBER 5005</p>	<p>CLASS 2</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York</p>	<p>BUILDING CONSERVATION TECHNOLOGY THE EPENGRANTZ GROUP 19 West 44th Street, New York NY 10036</p>	



$\frac{1}{2}$ " ROT IN
BOTH OVERS

WIRE GRATING INSIDE WINDOW.

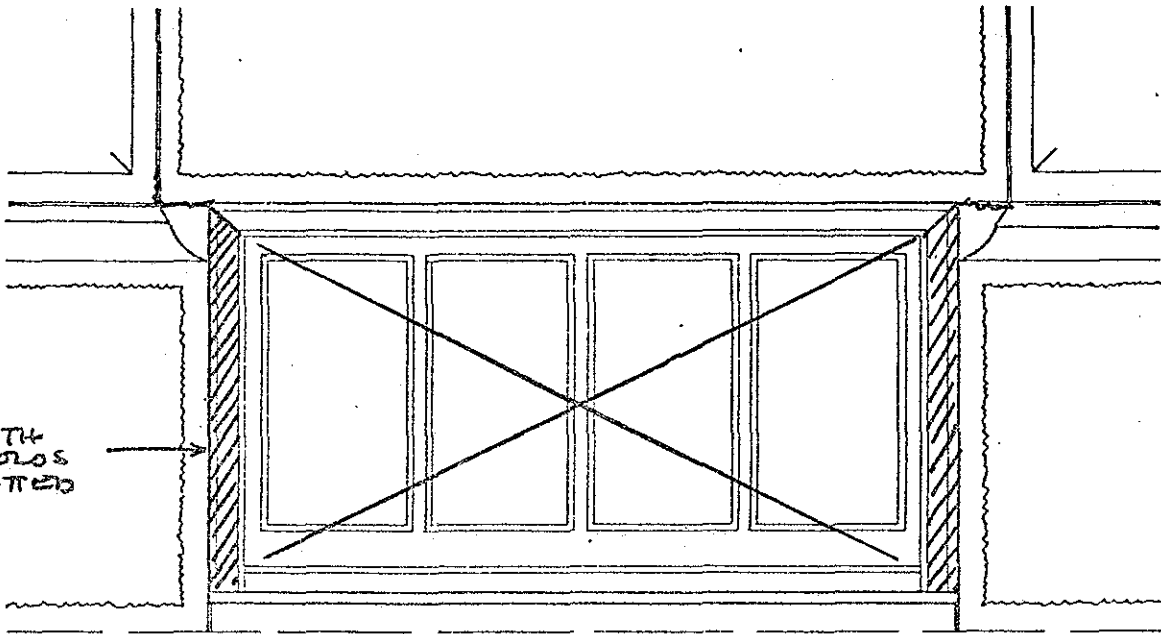
TYPE A- BASEMENT WINDOW	NUMBER 5006	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EBENROVITZ GROUP 19 West 44th Street, New York NY 10036	



Holes in Ovolo
 1" BOT
 LOWER & UPPER SASH SPONGY, WET
 NO GRILL

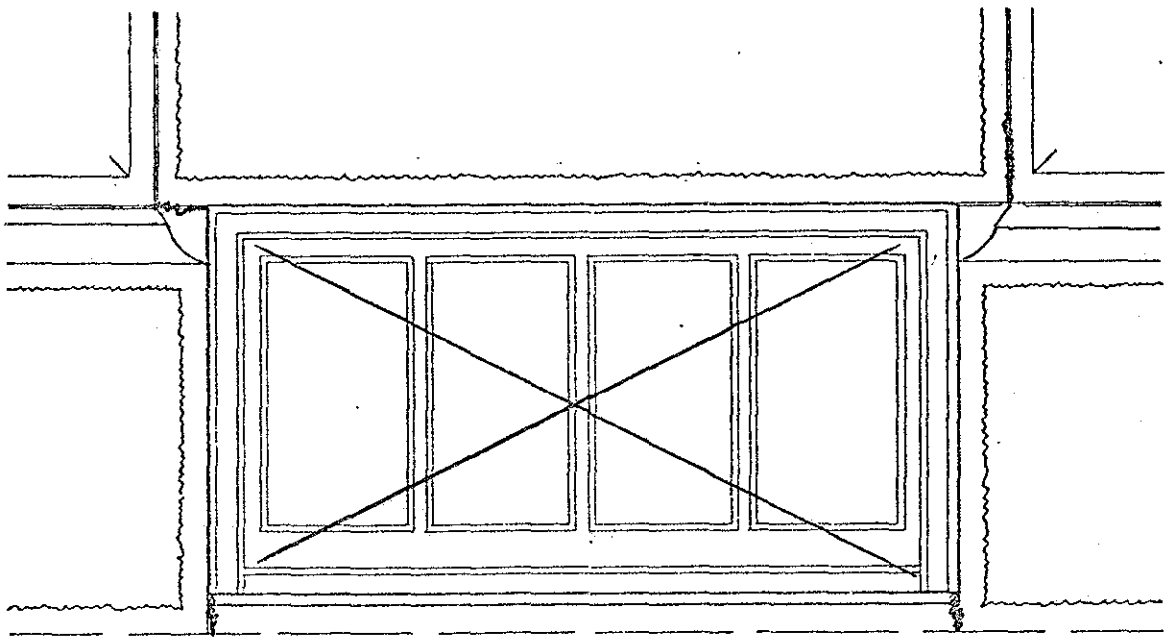
TYPE A- BASEMENT WINDOW	NUMBER S 007	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE BERENSONITZ GROUP 19 West 44th Street, New York NY 10036	

BOTH
CYCLES
ROTTED



CASEMENT - CENTRAL BAR MISSING - REPLACE

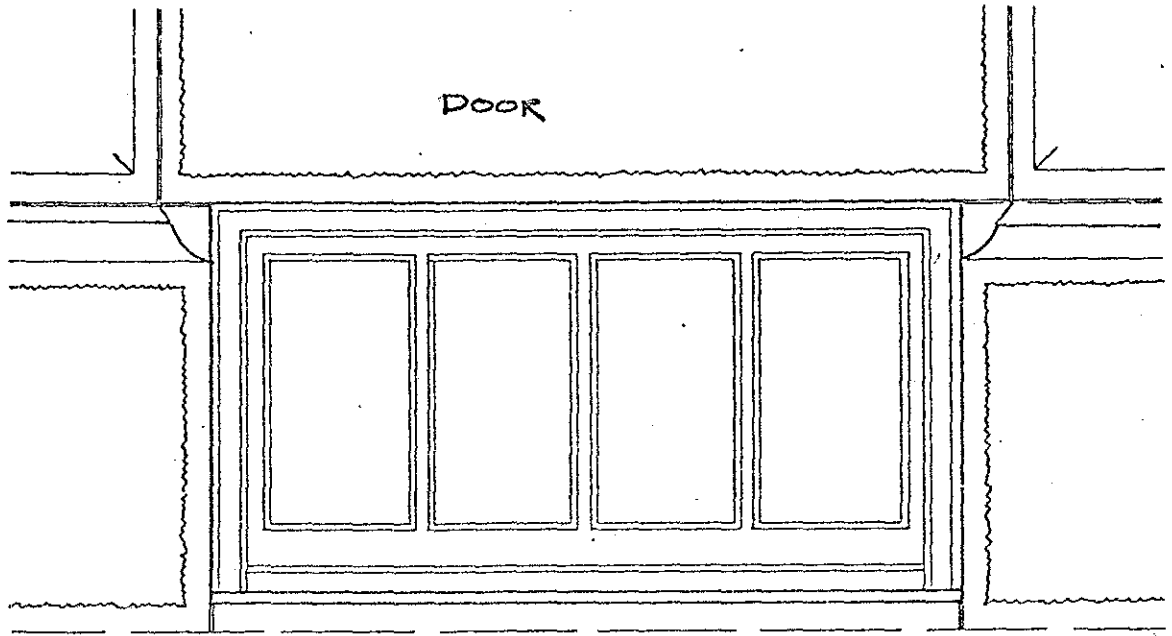
TYPE A- BASEMENT WINDOW	NUMBER S DOB	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EHRENKRANTZ GROUP 29 West 44th Street, New York NY 10036	



REPLACE SASH

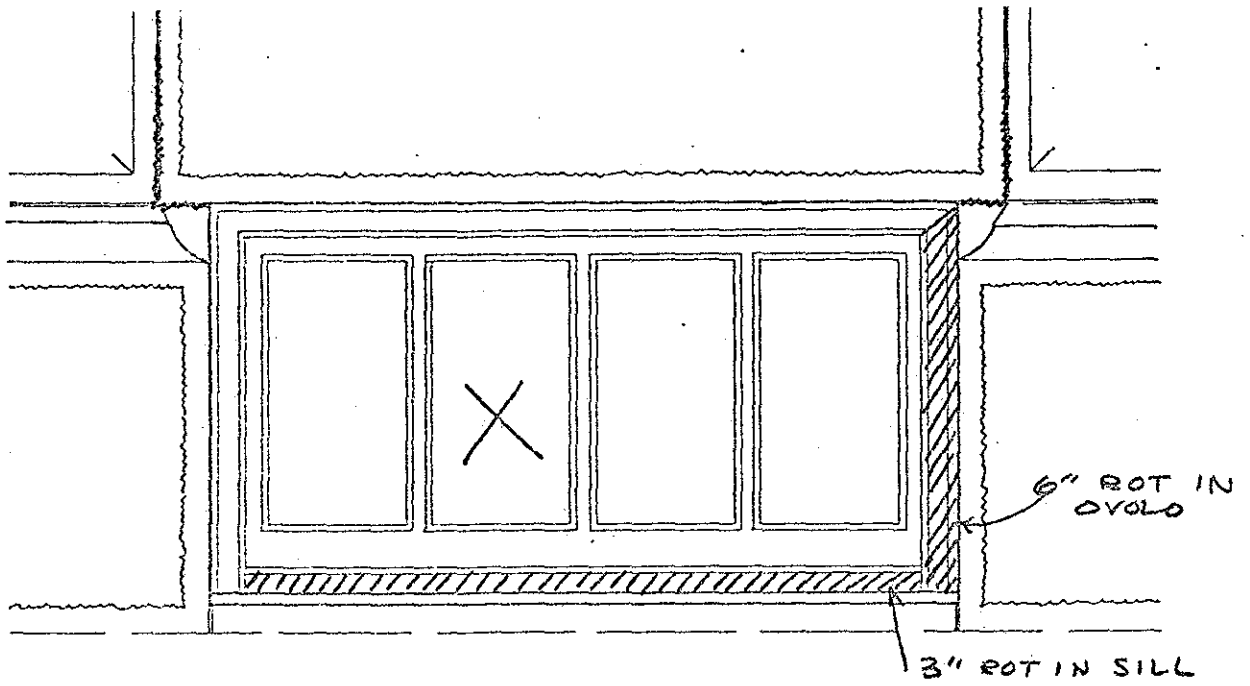
INTERIOR: REPLACE SDP ON SILL

<p>TYPE A- BASEMENT WINDOW</p>	<p>NUMBER 5009</p>	<p>CLASS 3</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York</p>	<p>BUILDING OBSERVATION TECHNOLOGY THE EVERGANTZ GROUP 19 West 44th Street, New York NY 10036</p>	



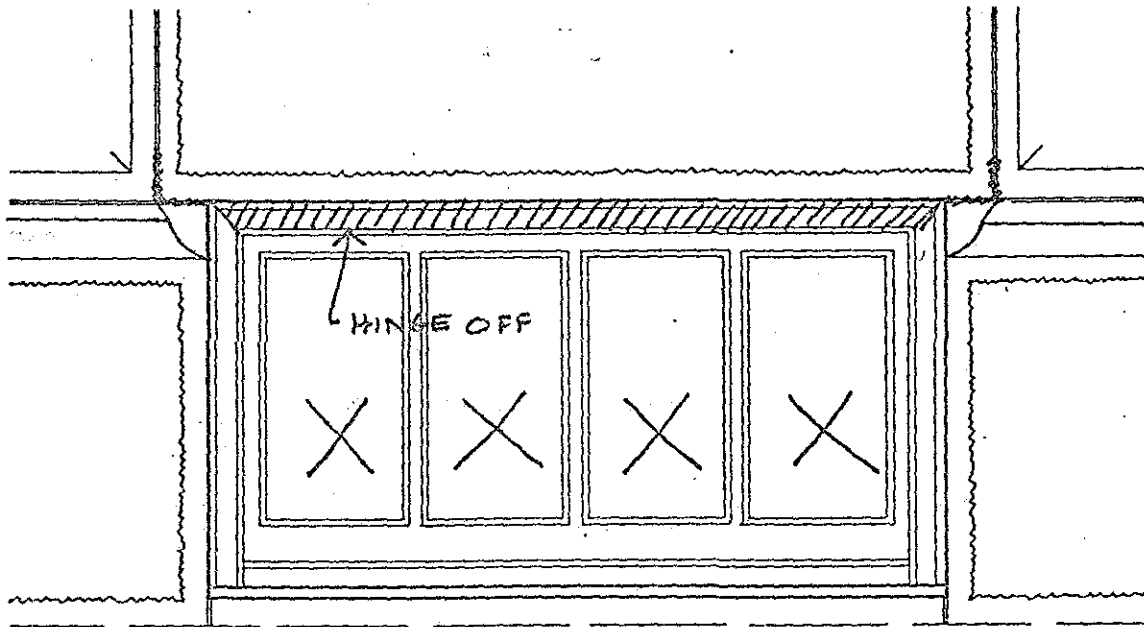
BRICKED UP

TYPE	NUMBER	CLASS
A- BASEMENT WINDOW MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	W 001 BUILDING CONSERVATION TECHNOLOGY THE DEBOGANTZ GROUP 19 West 44th Street, New York NY 10036	—



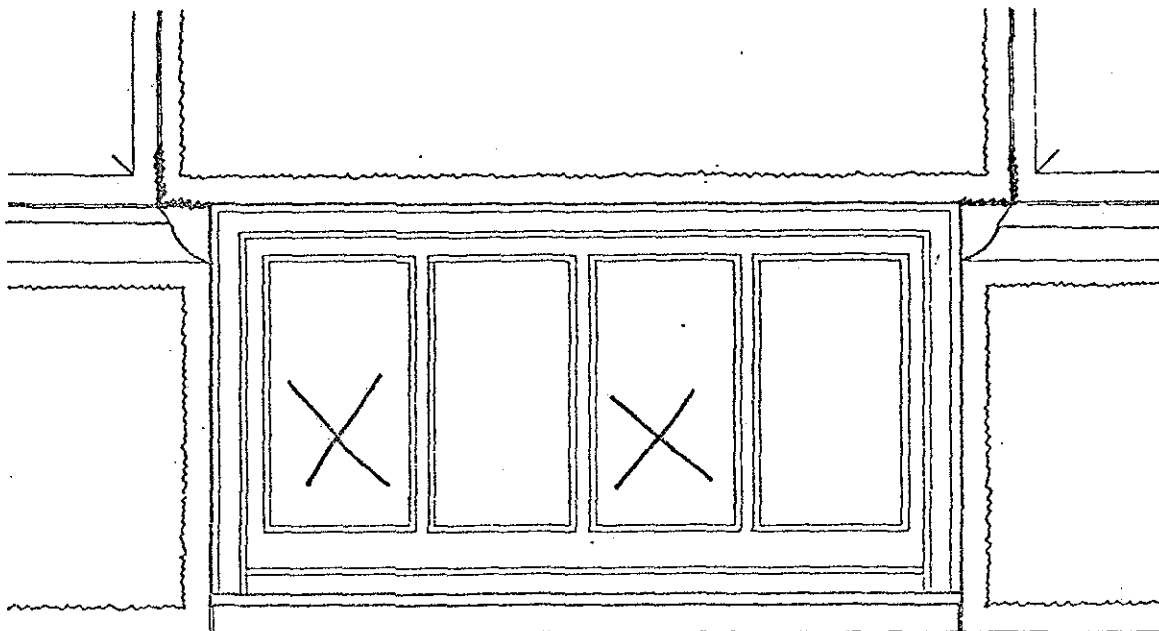
GRILL

<p>TYPE A- BASEMENT WINDOW</p>	<p>NUMBER W002</p>	<p>CLASS 2</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York</p>	<p>BUILDING CONSERVATION TECHNOLOGY THE EBENCKRAWITZ GROUP 19 West 44th Street, New York NY 10036</p>	



GRILL

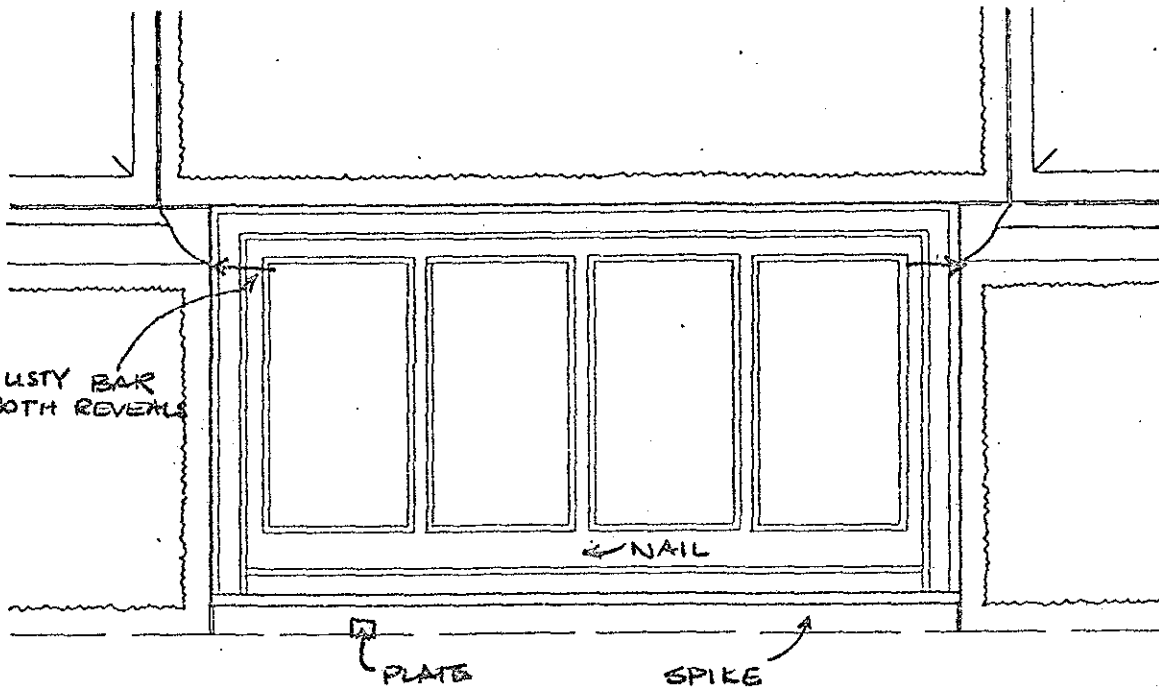
<p>TYPE A- BASEMENT WINDOW</p>	<p>NUMBER W003</p>	<p>CLASS 2</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York</p>	<p>BUILDING CONSERVATION TECHNOLOGY THE EHRENKRANTZ GROUP 19 West 44th Street, New York NY 10036</p>	



GRILL- PARTIALLY CUT OFF

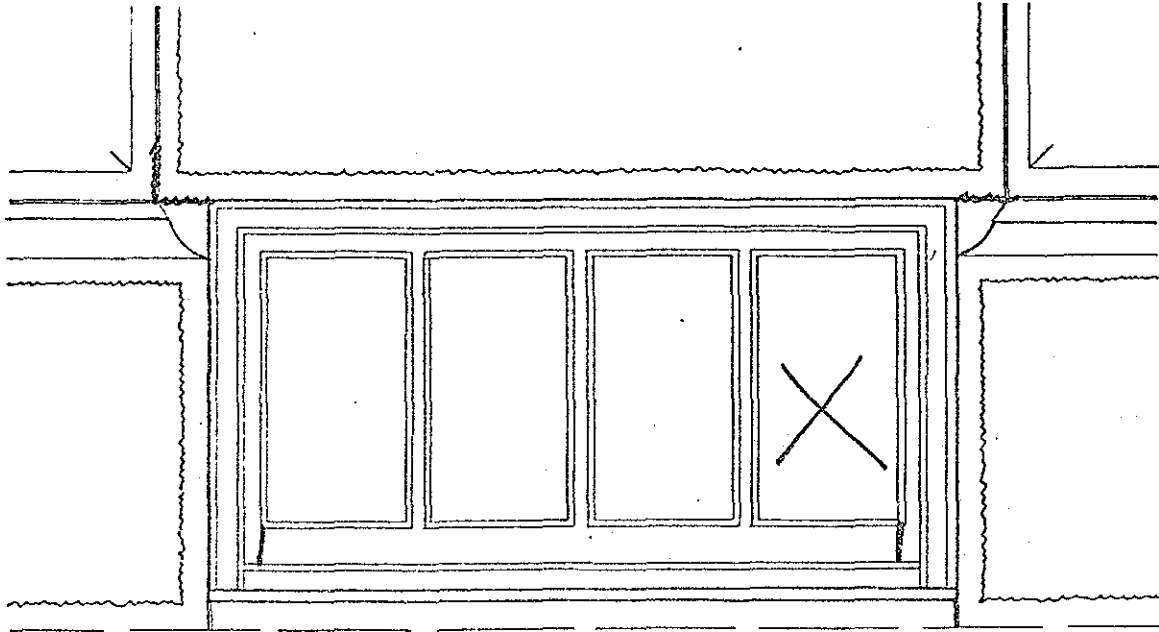
<p>TYPE A- BASEMENT WINDOW</p>	<p>NUMBER W 004</p>	<p>CLASS 2</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York</p>	<p>BUILDING CONSERVATION TECHNOLOGY THE BERENSONITZ GROUP 19 West 44th Street, New York NY 10036</p>	

1" RUSTY BAR
IN BOTH REVERSES

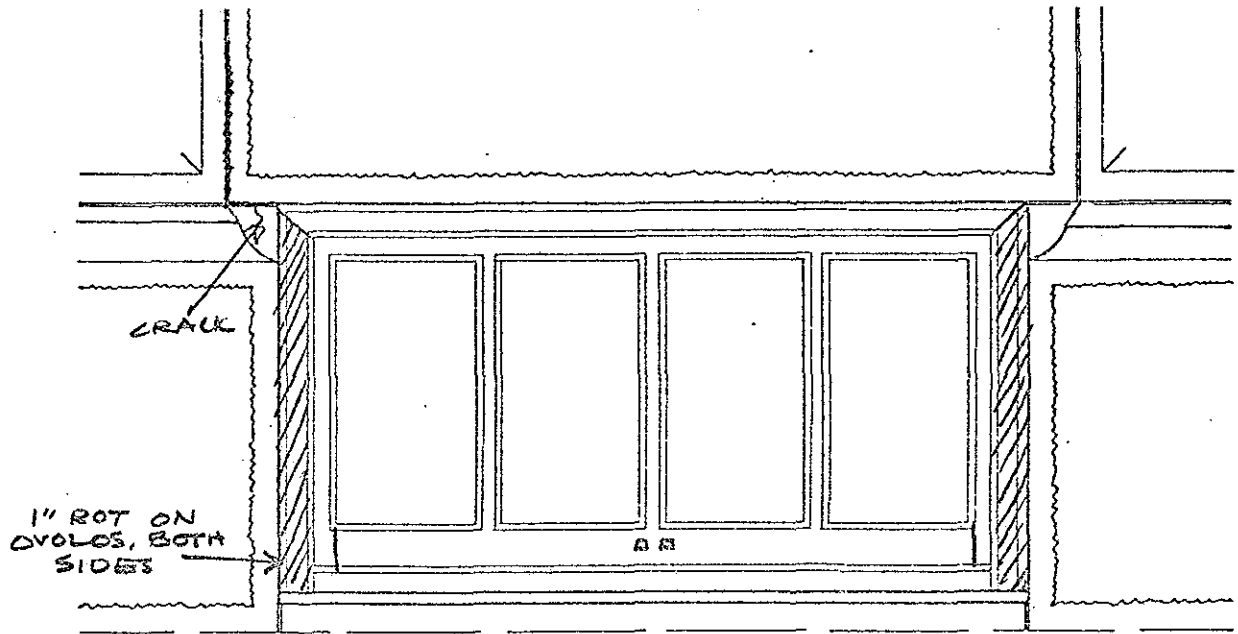


NO GRILL

<p>TYPE A- BASEMENT WINDOW</p>	<p>NUMBER W 005</p>	<p>CLASS 102</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York</p>	<p>BUILDING CONSERVATION TECHNOLOGY THE EBERHARTZ GROUP 19 West 44th Street, New York NY 10036</p>	<p>-</p>



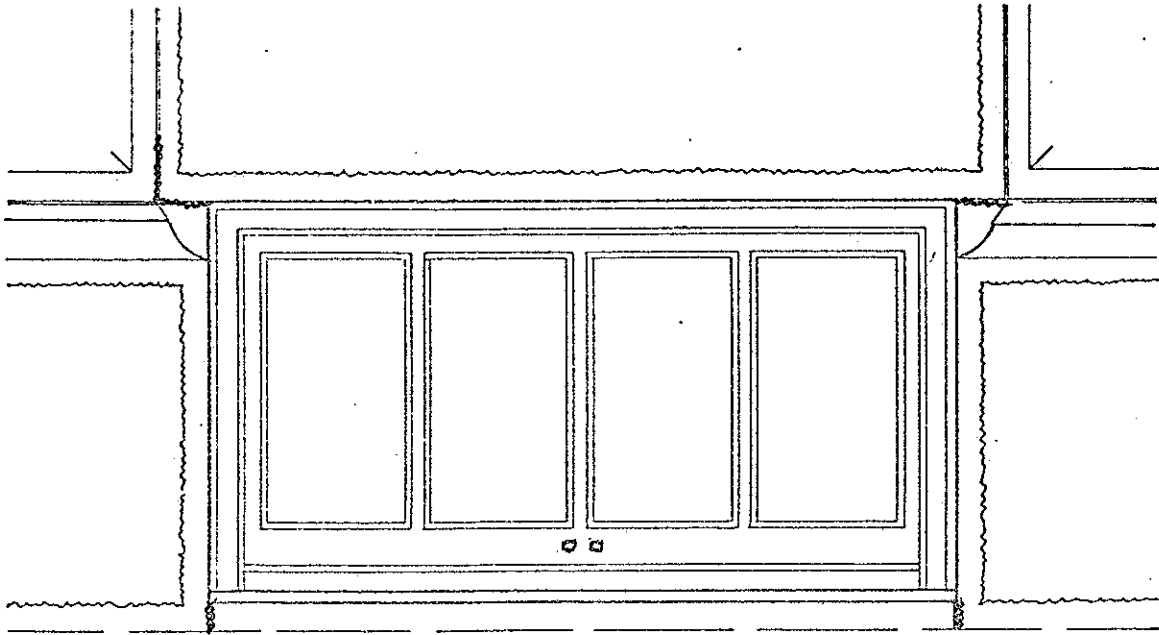
TYPE A- BASEMENT WINDOW	NUMBER W006	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE EBENGRANTZ GROUP 19 West 44th Street, New York NY 10036	



INTERIOR - STOP ON SILL ROTTED - REPLACE

MESH GRATING INSIDE WINDOW
 ROD HOLDING SASH OPEN.

TYPE A- BASEMENT WINDOW	NUMBER W 007	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE ENGELBARTZ GROUP 29 West 44th Street, New York NY 10036	



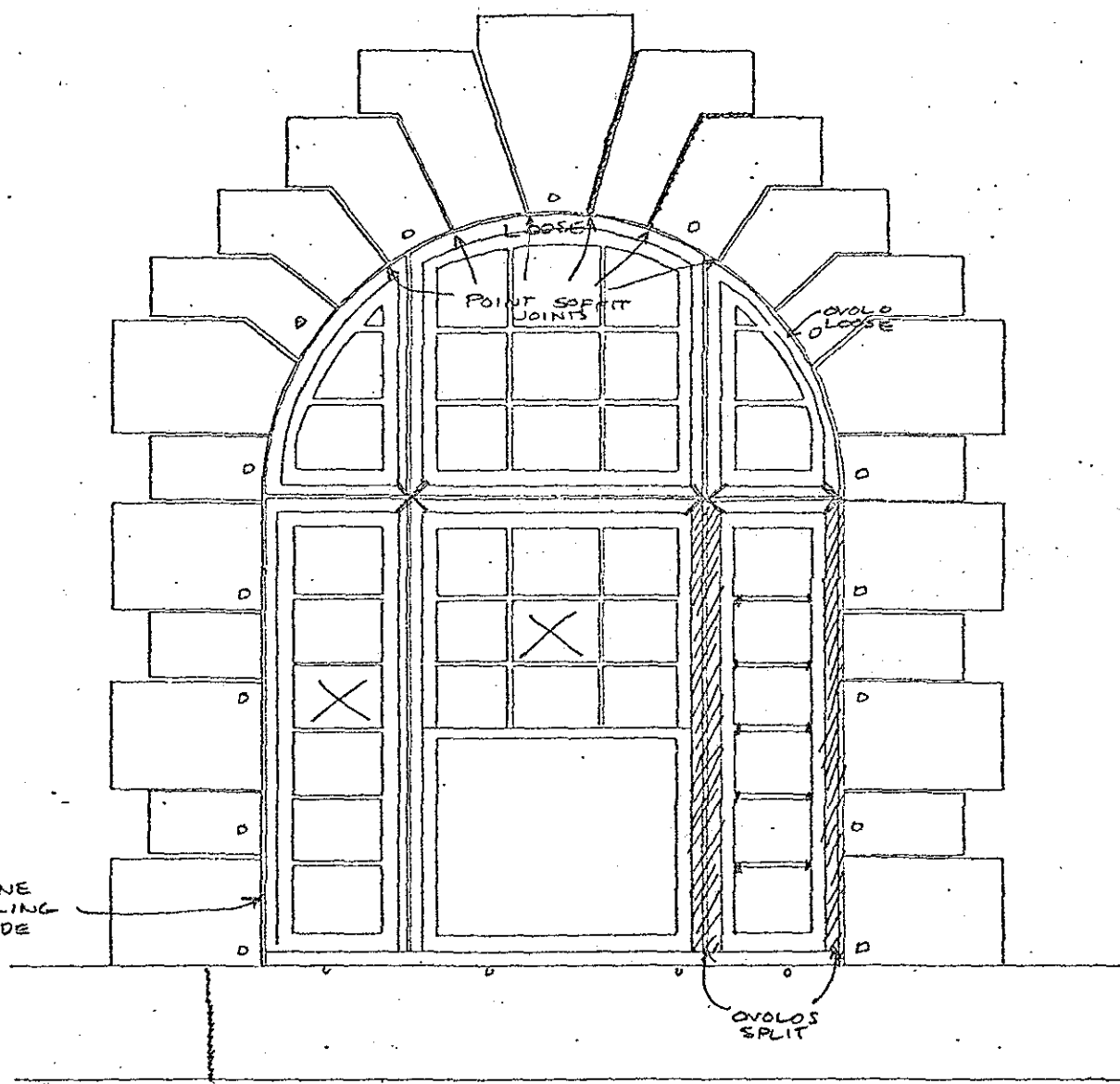
INTERIOR: STOP ON SILL LOOSE - REPLACE

BAR HOLDING BOTTOM UP

MESH GRATING INSIDE WINDOW

<p>TYPE A- BASEMENT WINDOW</p>	<p>NUMBER W 008</p>	<p>CLASS 2</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York</p>	<p>BUILDING CONSERVATION TECHNOLOGY THE EBENROANTZ GROUP 19 West 44th Street, New York NY 10036</p>	

STONE SPALLING INSIDE



GRILLS REMOVED

SCREENS - WOOD CHECKED, MESH TORN, POOR CONDITION

B1 FIRST FLOOR

NUMBER
N101

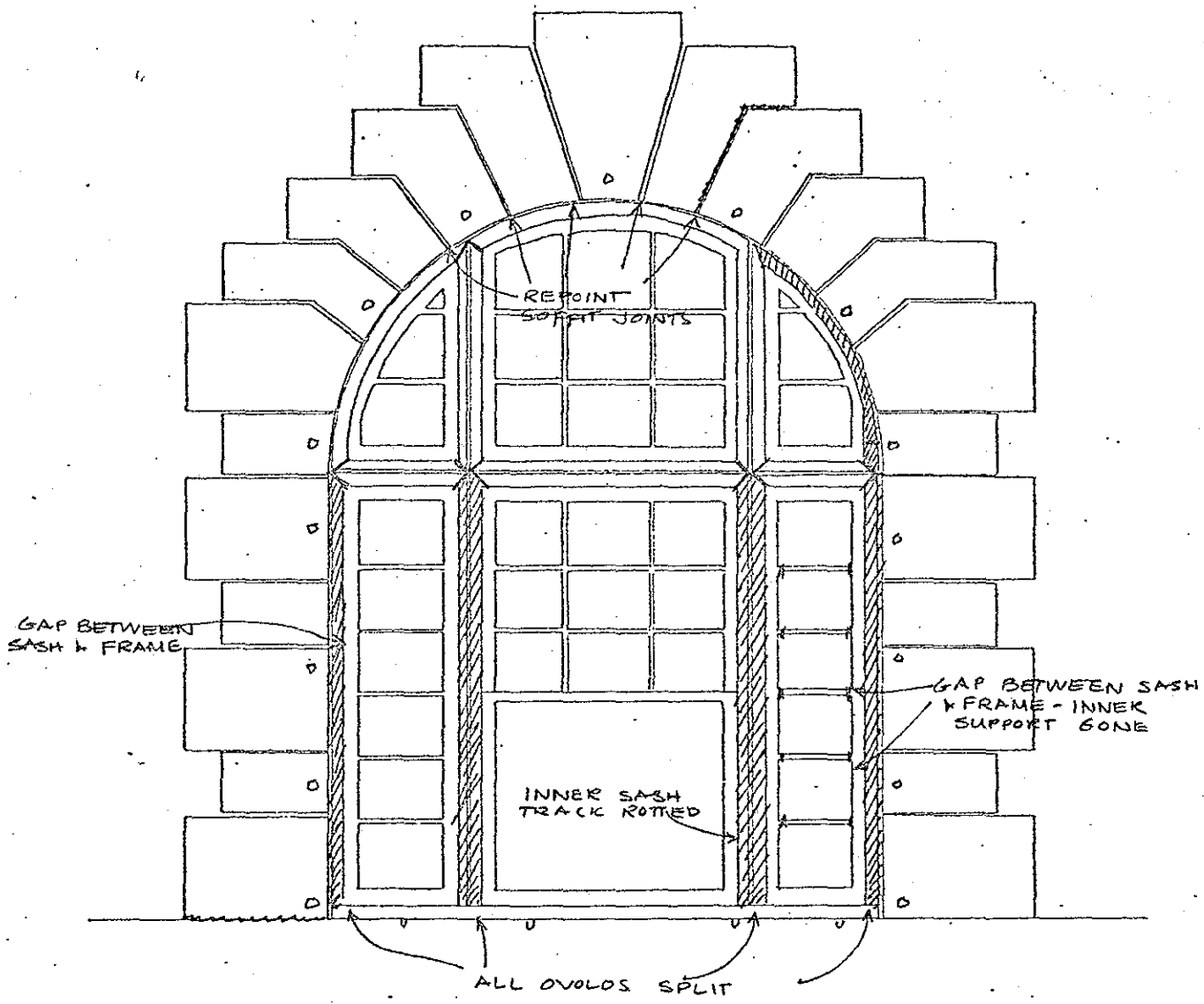
CLASS
2

MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
THE DEBENIGNTZ GROUP

Statue of Liberty National Monument, New York

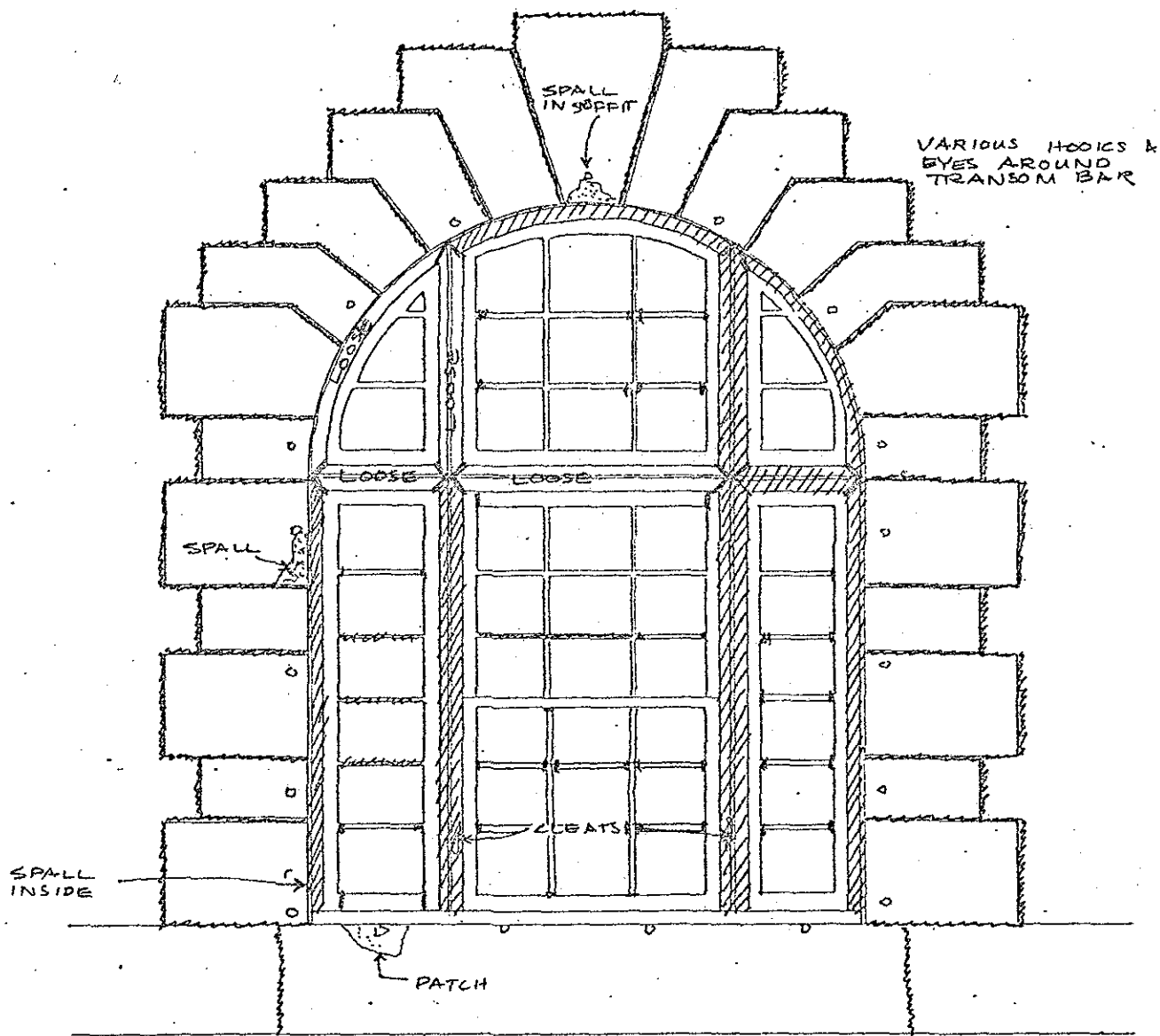
19 West 45th Street, New York NY 10036



UPPER & LOWER SASH IN CENTRAL WINDOW JAMMED OPEN

GRILL REMOVED

B1 FIRST FLOOR	NUMBER N 102	CLASS 2/3 1/3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE DEERWANTZ GROUP 19 West 44th Street, New York NY 10036	



INTERIOR: -STOPS MISSING, ROTTED, LOOSE
 -STOOLS ROTTEN

SCREEN OVER LOWER SASH - POOR CONDITION

GRILL REMOVED

B1 FIRST FLOOR

NUMBER
 N 103

CLASS
 3
 wood

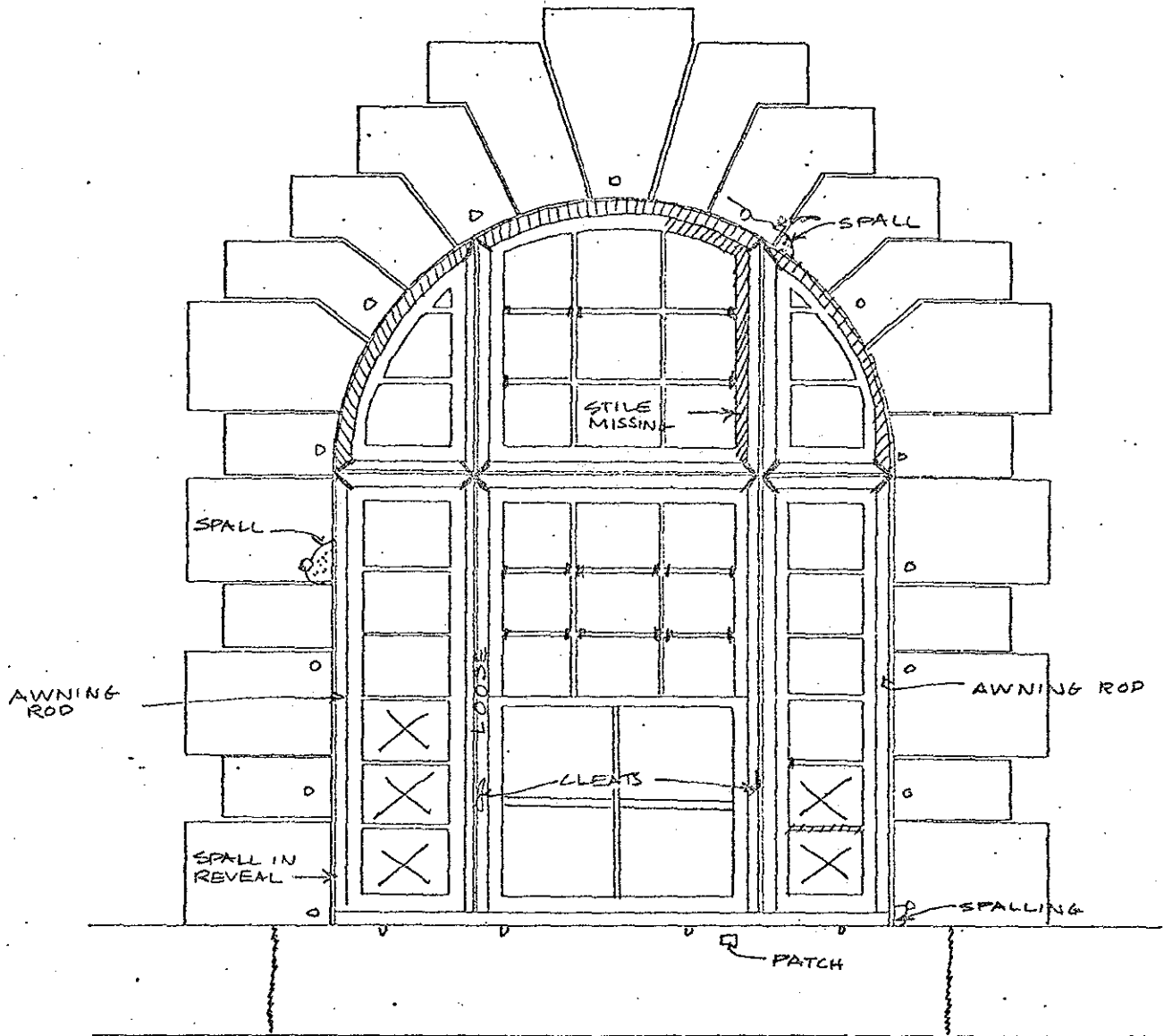
MECHANICAL AND ELECTRICAL REHABILITATION
 MAIN BUILDING
 ELLIS ISLAND

BUILDING OBSERVATION TECHNOLOGY
 THE DEBENQUANTZ GROUP

2
 stone

Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036

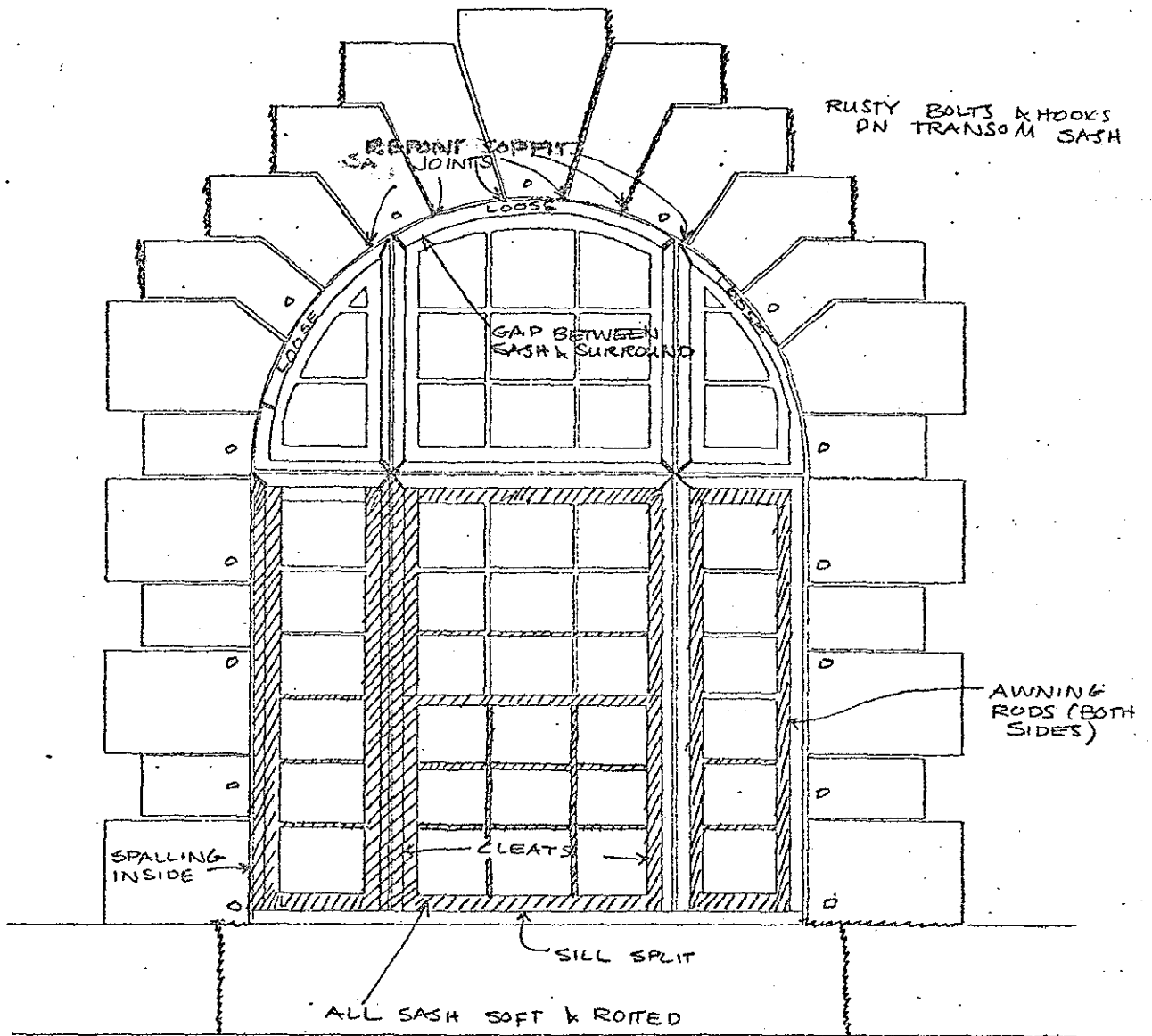


INTERIOR: SASH STOPS ROTTED, LOOSE

GRILL REMOVED

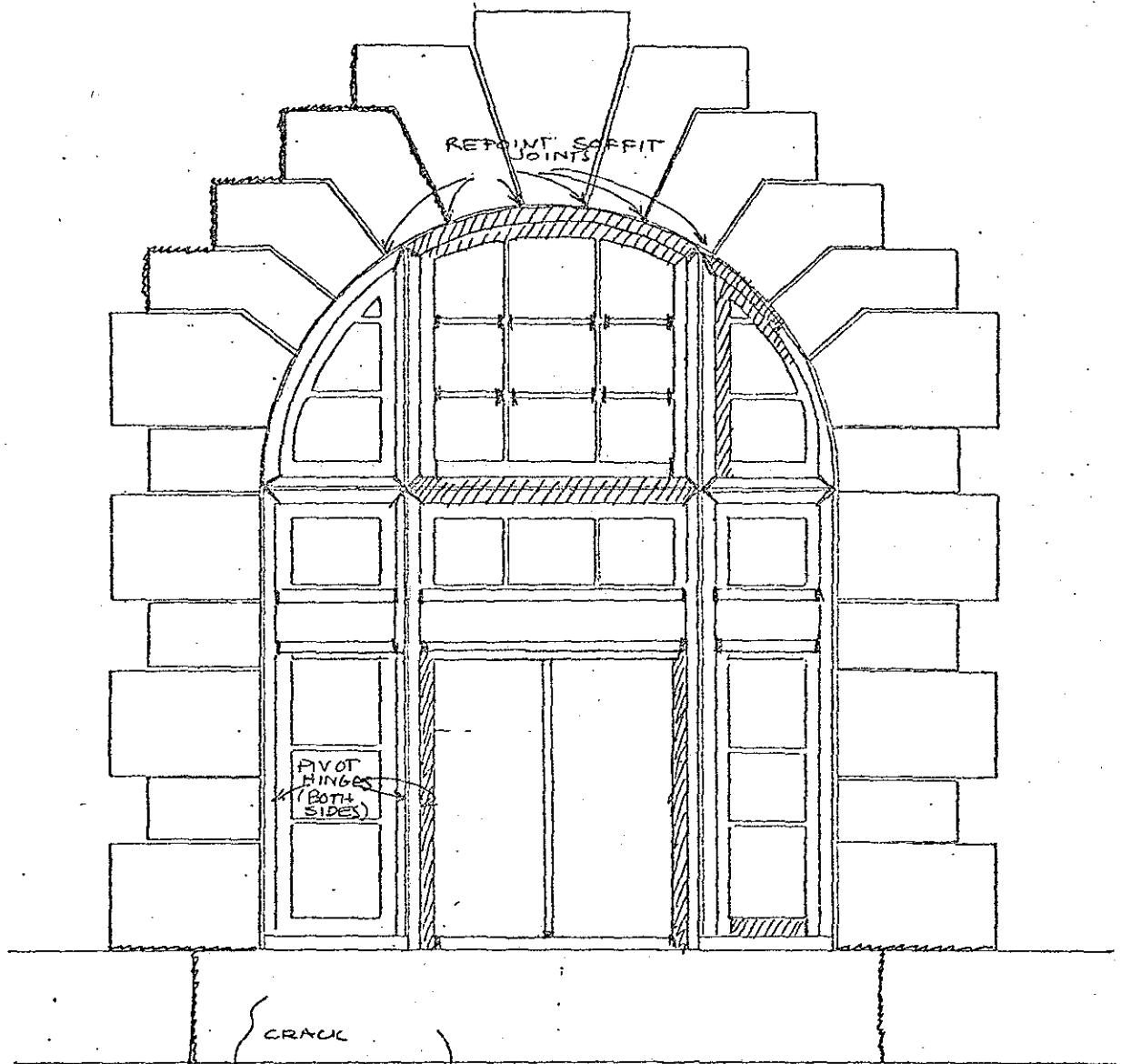
SCREEN OVER LOWER SASH - FAIR CONDITION - SOME CHECKING

B1 FIRST FLOOR	NUMBER N 105	CLASS 2/3 wood
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE DEENSWAYZ GROUP 39 West 44th Street, New York NY 10036	2 stone



GRILL REMOVED
 SCREEN MISSING (METAL TRACK ON FRAME)

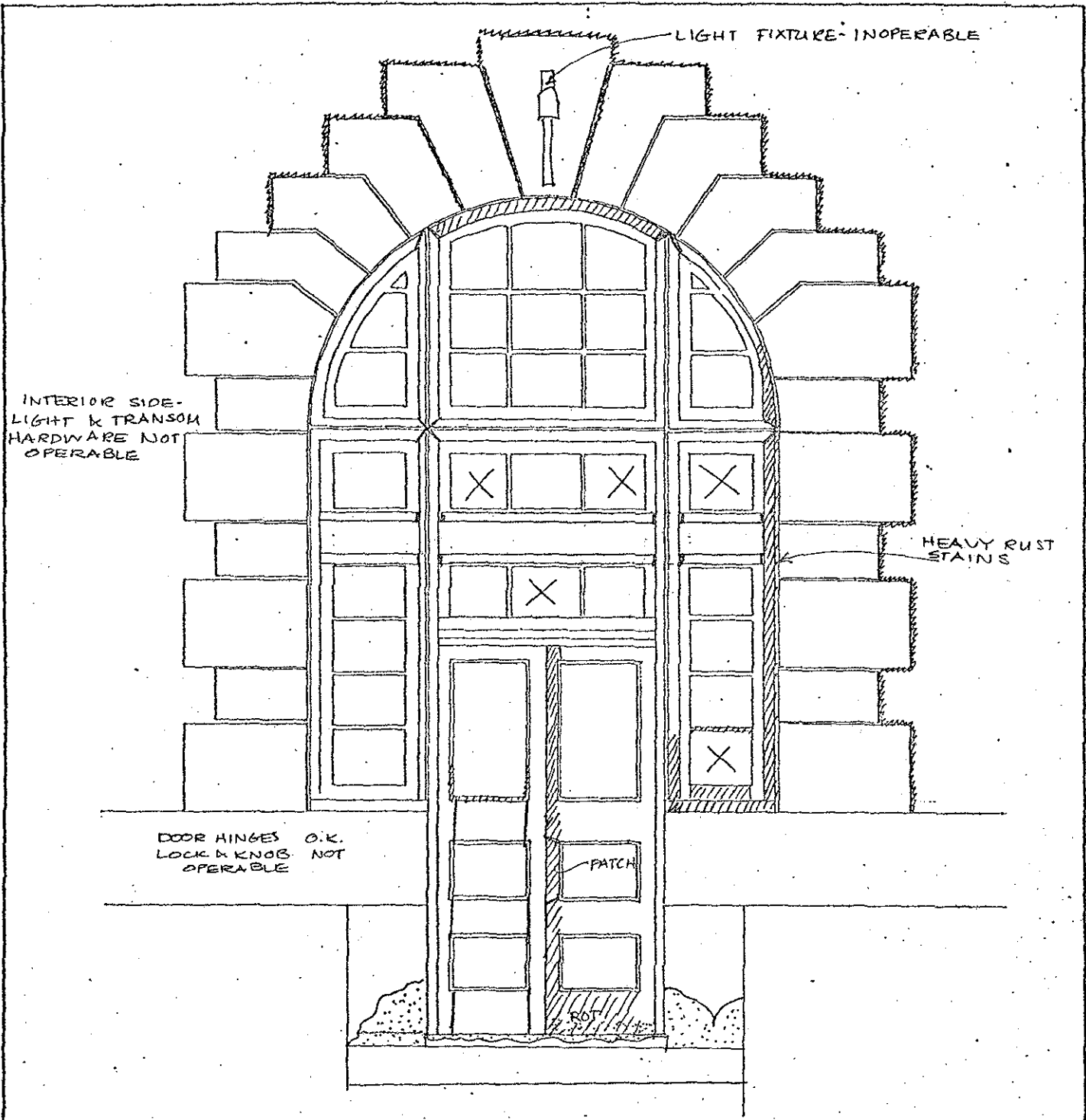
B1 FIRST FLOOR	NUMBER N 106	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING MAINTENANCE TECHNOLOGY THE DEENWANTZ GROUP 19 West 44th Street, New York NY 10036	



HEAVY RUST STAINS

GRILL

<p>BB FIRST FLOOR NORTH ELEVATION</p>	<p>NUMBER N119</p>	<p>CLASS 2</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York</p>	<p>BUILDING OBSERVATION TECHNOLOGY THE BERENSON GROUP 19 West 44th Street, New York NY 10036</p>	



LIGHT FIXTURE - INOPERABLE

INTERIOR SIDE-LIGHT & TRANSOM HARDWARE NOT OPERABLE

HEAVY RUST STAINS

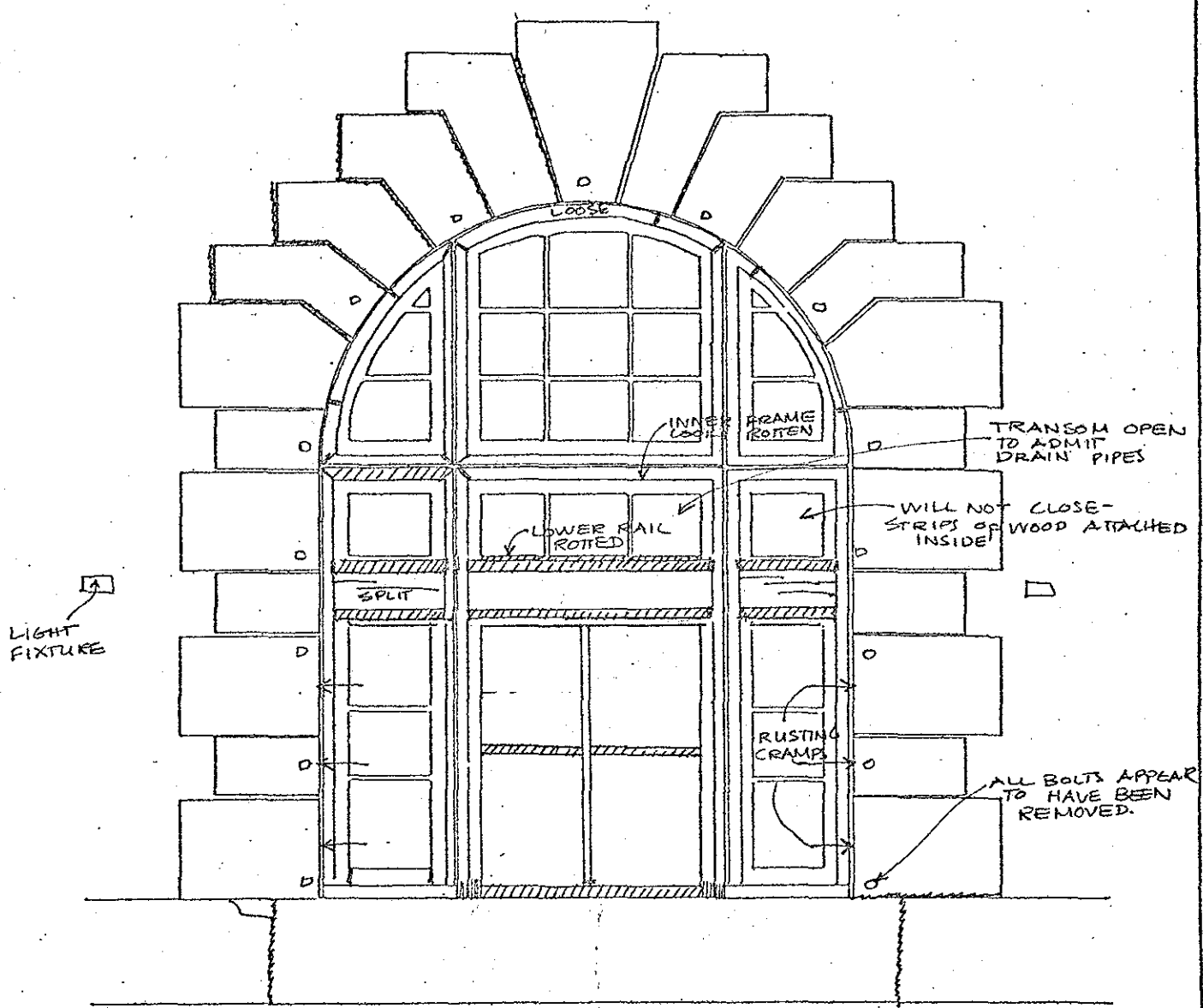
DOOR HINGES O.K. LOCK & KNOB NOT OPERABLE

PATCH

ROT

GRILLS IN PLACE

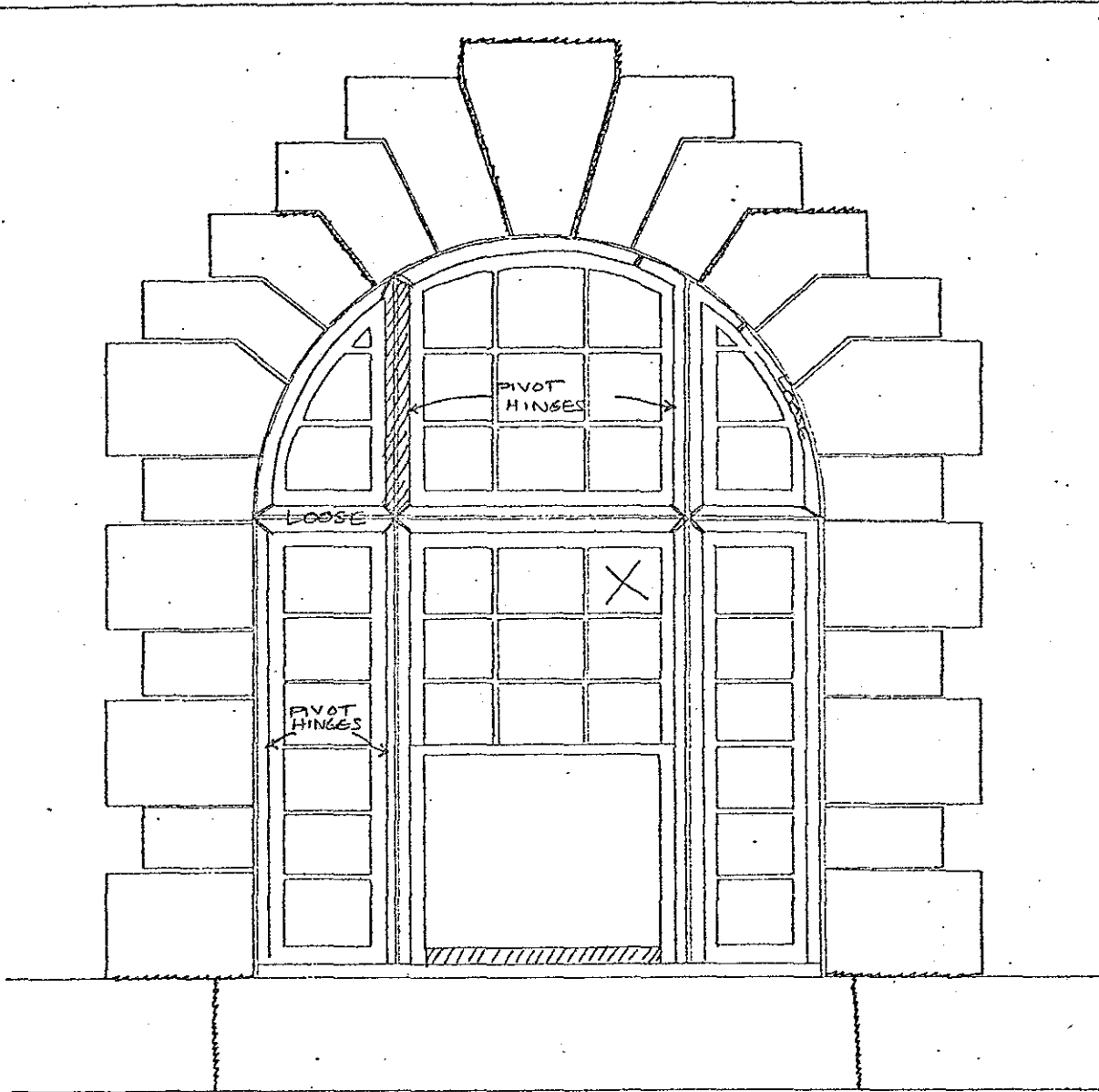
<p>B4 1ST FLOOR DOOR</p>	<p>NUMBER N120</p>	<p>CLASS 2</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York</p>	<p>BUILDING CONSERVATION TECHNOLOGY THE EBENHANTZ GROUP 19 West 44th Street, New York NY 10036</p>	



ALL JOINTS WHERE OVOLOS MEET POORLY CONSTRUCTED - ENDS OF HORIZONTAL MLDGS SPLIT, LARGE GAPS FOR WATER PENETRATION.

GRILL OVER ARCHED PORTION ONLY.

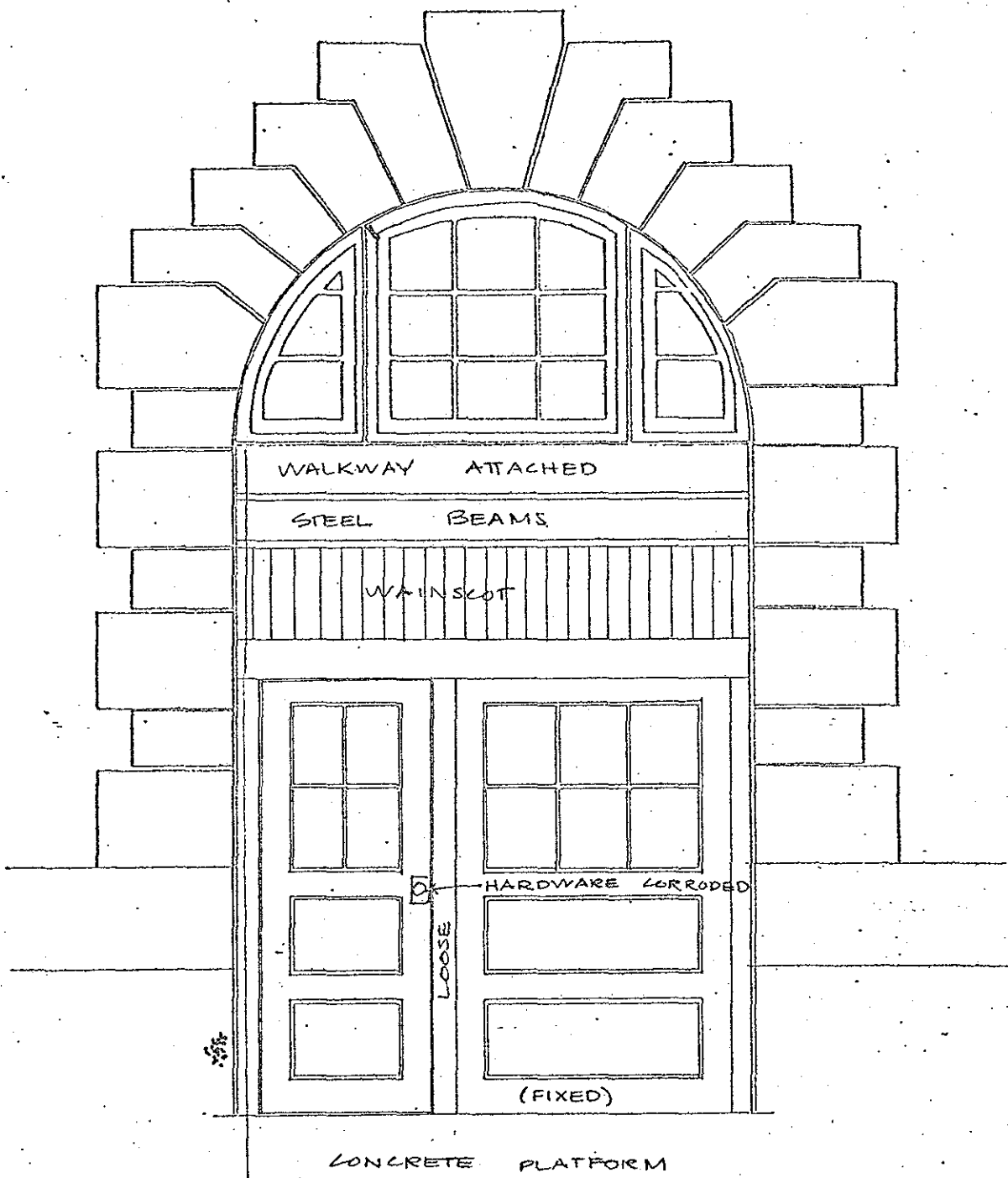
B3 FIRST FLOOR NORTH ELEVATION	NUMBER N121	CLASS 2 -
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE BURENBAWITZ GROUP 19 West 44th Street, New York NY 10036	



INTERIOR: TRANSOM HARDWARE NOT OPERABLE

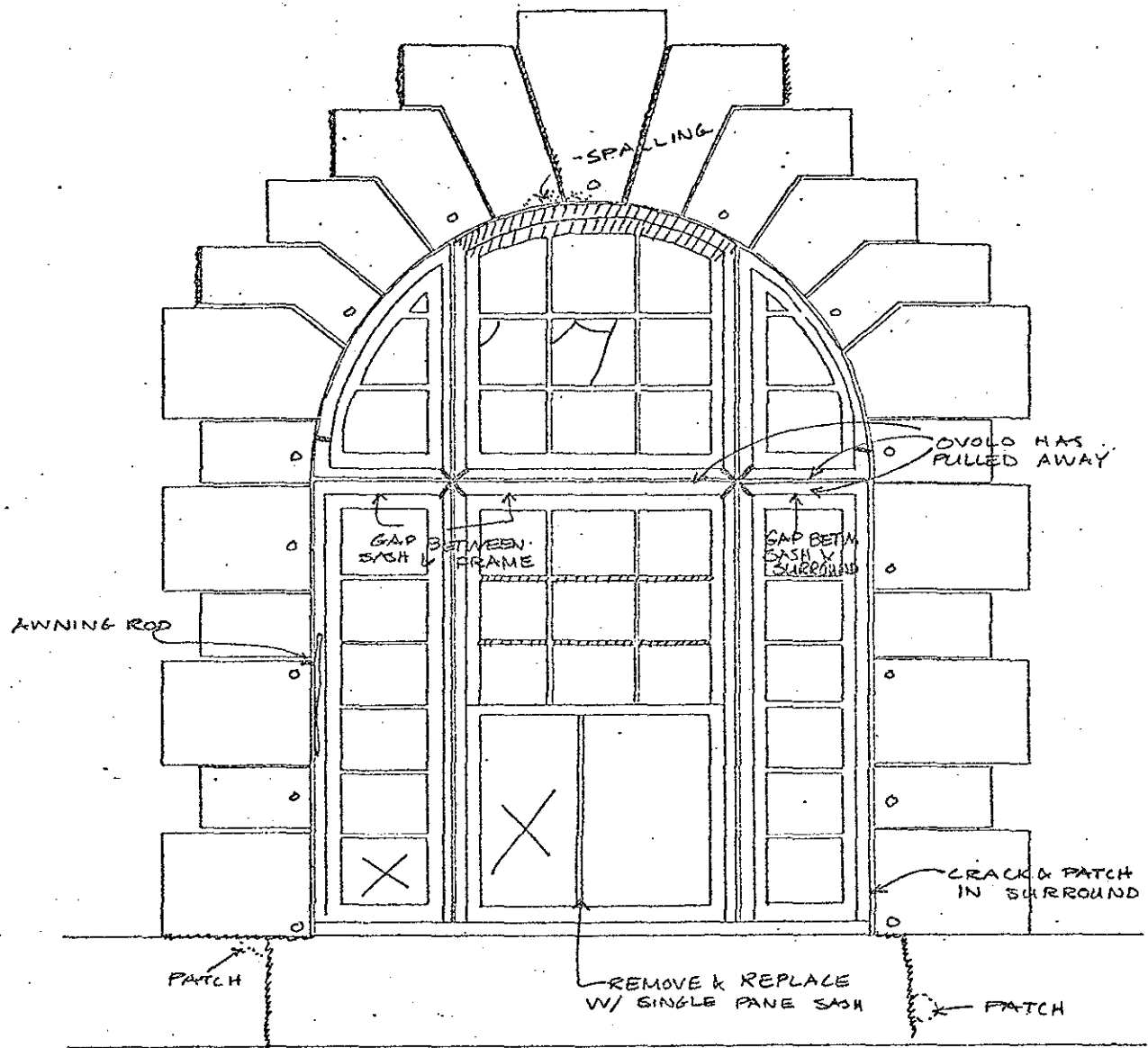
GRILL IN PLACE

B1 FIRST FLOOR	NUMBER N 122	CLASS 2 -
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE BUDENKATZ GROUP 19 West 45th Street, New York NY 10036	



GRILL OVER TRANSOM

	NUMBER N123	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EBENKANTZ GROUP 19 East 44th Street, New York NY 10036	



B1 FIRST FLOOR

NUMBER
E101

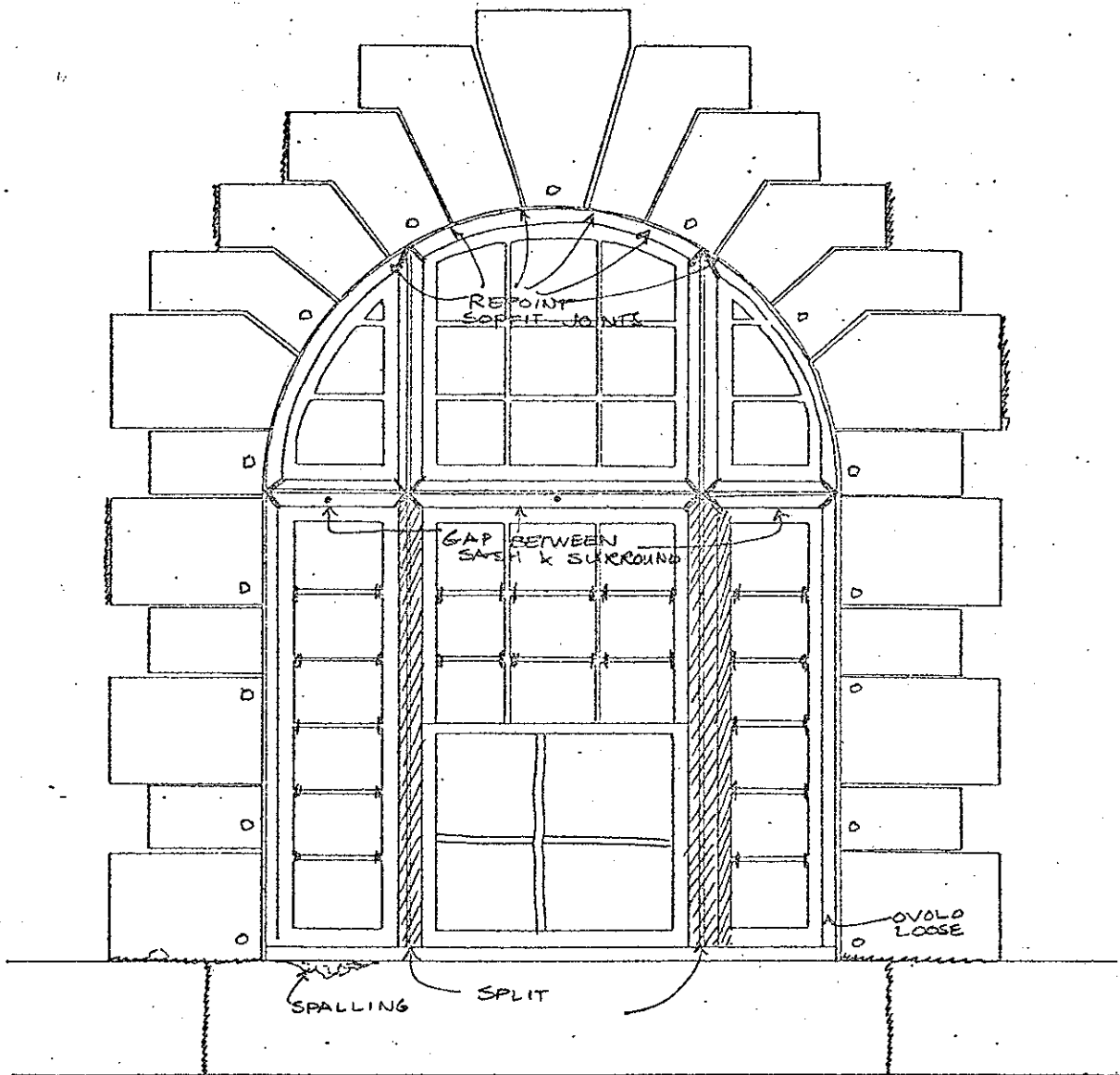
CLASS
2

MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING OBSERVATION TECHNOLOGY
THE EBENJANTZ GROUP

Statue of Liberty National Monument, New York

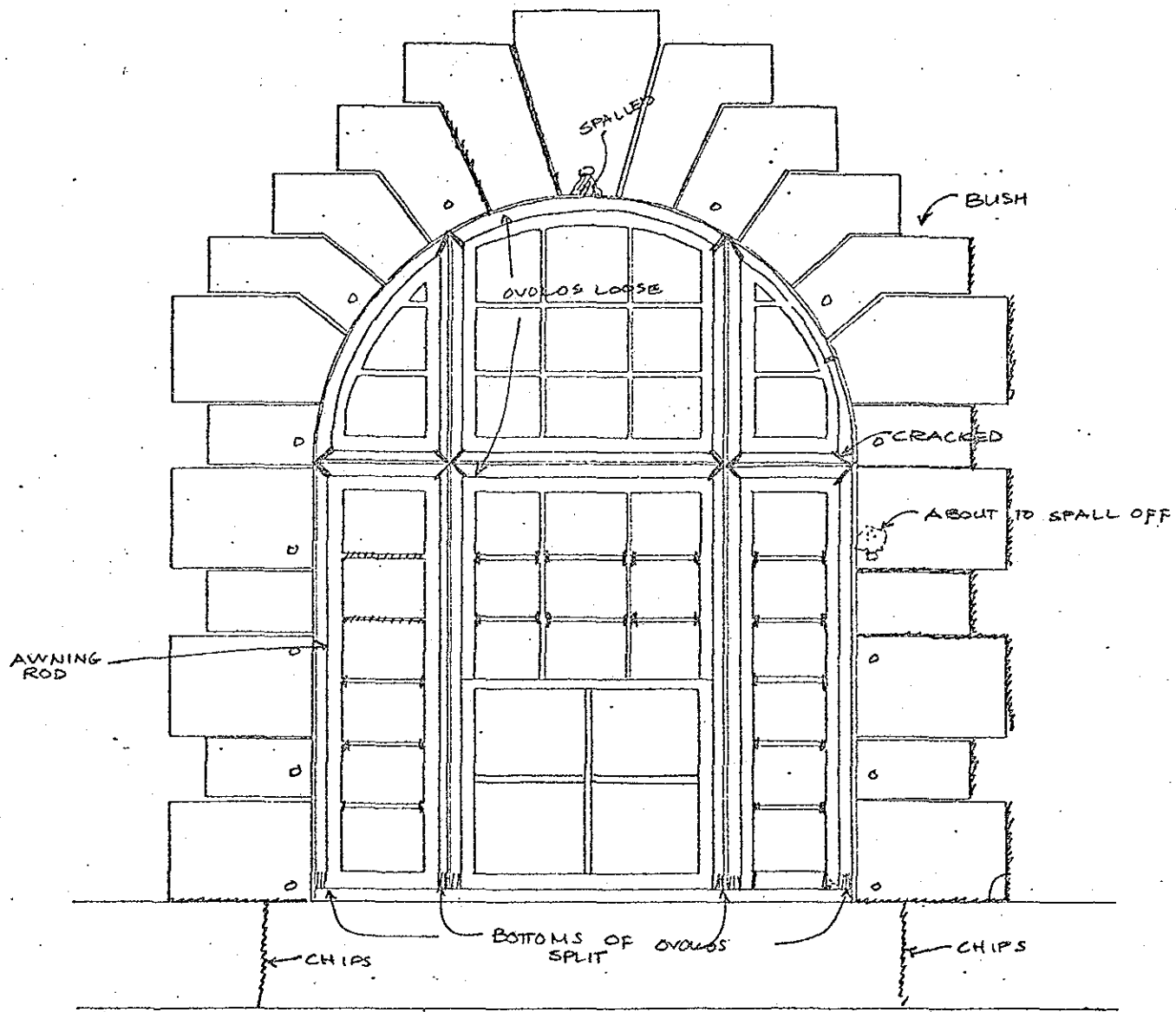
19 West 44th Street, New York NY 10036



INACCESSIBLE ON INSIDE

GRILL REMOVED.
 SCREEN ON LOWER HALF OF WINDOW - BOTTOM RAIL ROTTEN,
 MLDGS WARPED.

B1 FIRST FLOOR	NUMBER E 103	CLASS 2 wood
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE BERENSONZ GROUP 19 West 44th Street, New York NY 10036	2 stone

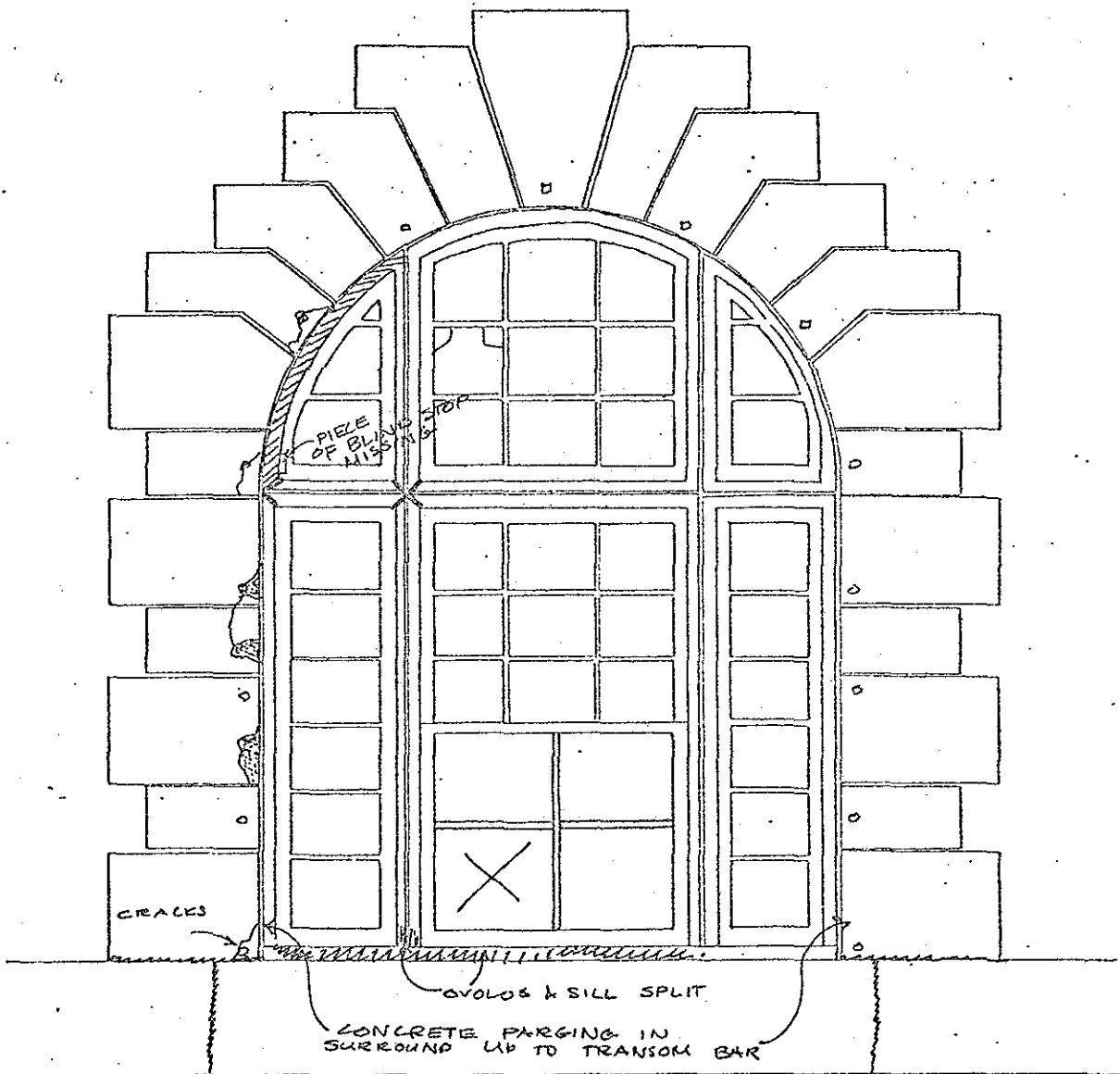


ALL JOINTS OPEN

GRILL REMOVED

SCREEN ON LOWER HALF - BOTTOM RAIL ROTTED, MLDGS LOOSE

B1 FIRST FLOOR	NUMBER E104	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE DEENWITZ GROUP 19 West 44th Street, New York NY 10036	



GRILL REMOVED

SCREEN ON LOWER HALF - TOP RAIL SPLIT; MLDGS WARPED & LOOSE; MESH RIPPED

B1 FIRST FLOOR

NUMBER
E 105

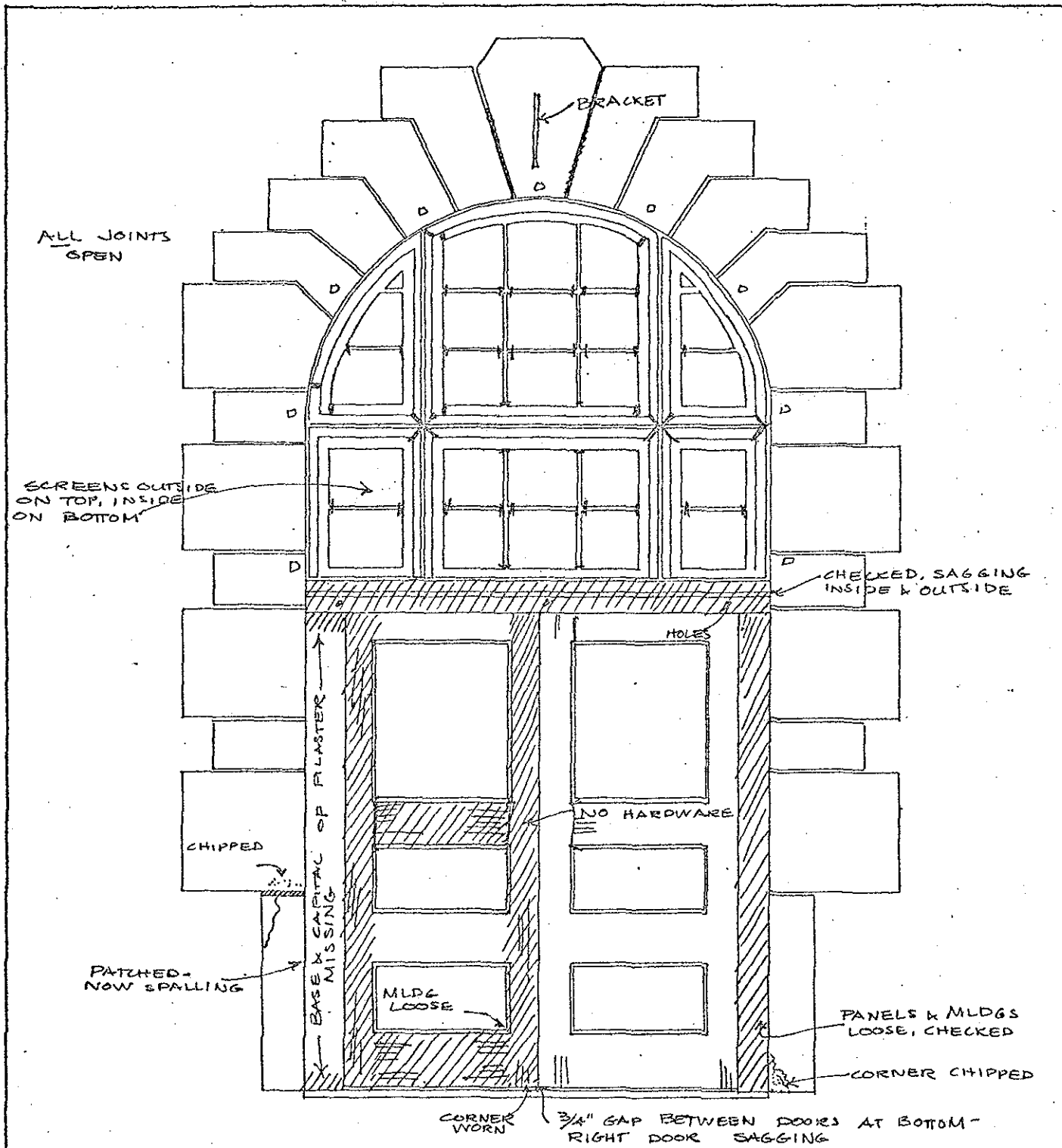
CLASS
2
wood,
2
stone

MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
THE EPENJANTZ GROUP

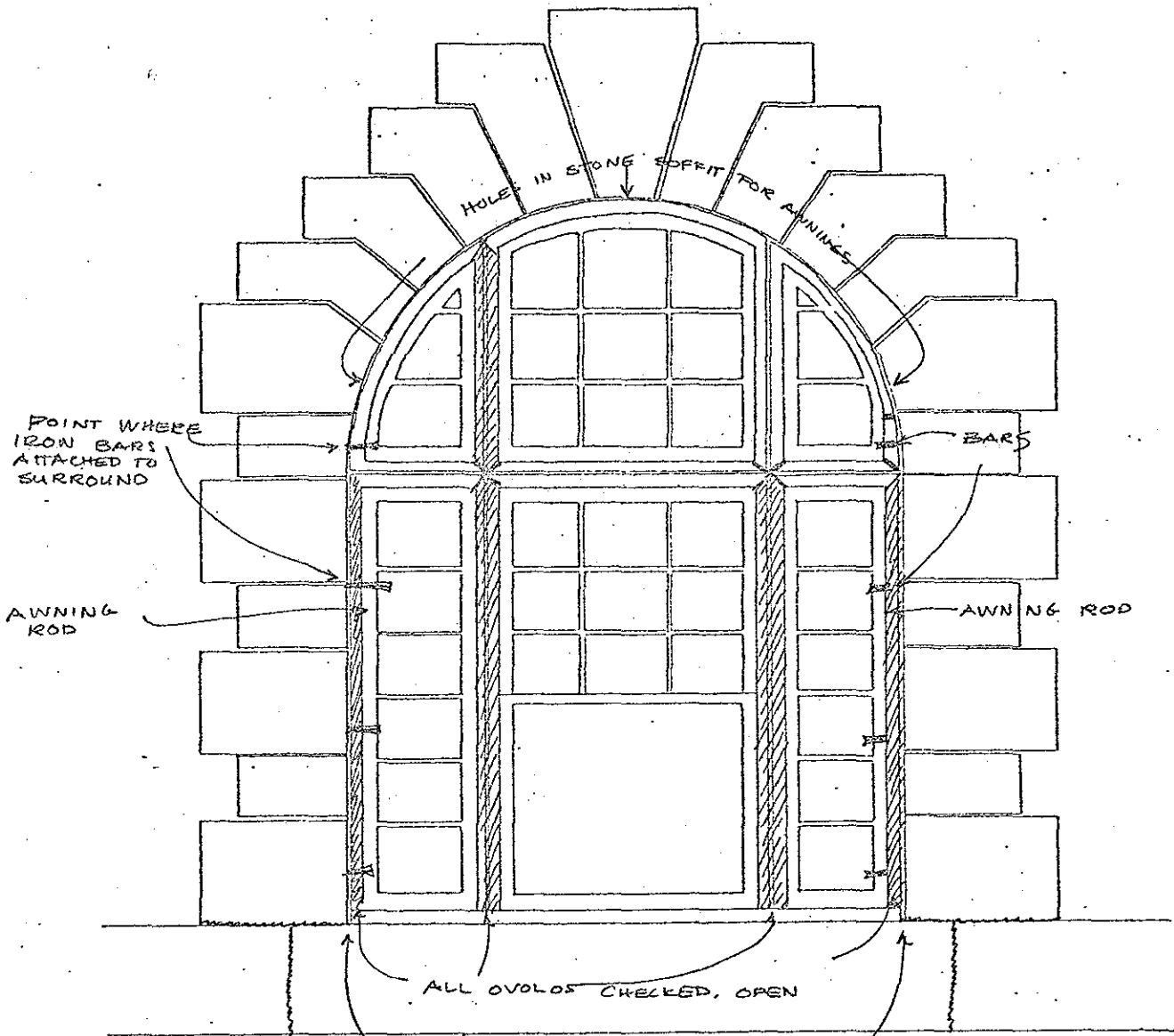
Statue of Liberty National Monument, New York

19 West 45th Street, New York NY 10036



SCREEN DOORS INSIDE
 GRILLS OVER DOOR WINDOWS CORRODED
 ARE DOORS ORIGINAL?

	NUMBER E106	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EBERHARTZ GROUP 19 West 44th Street, New York NY 10036	



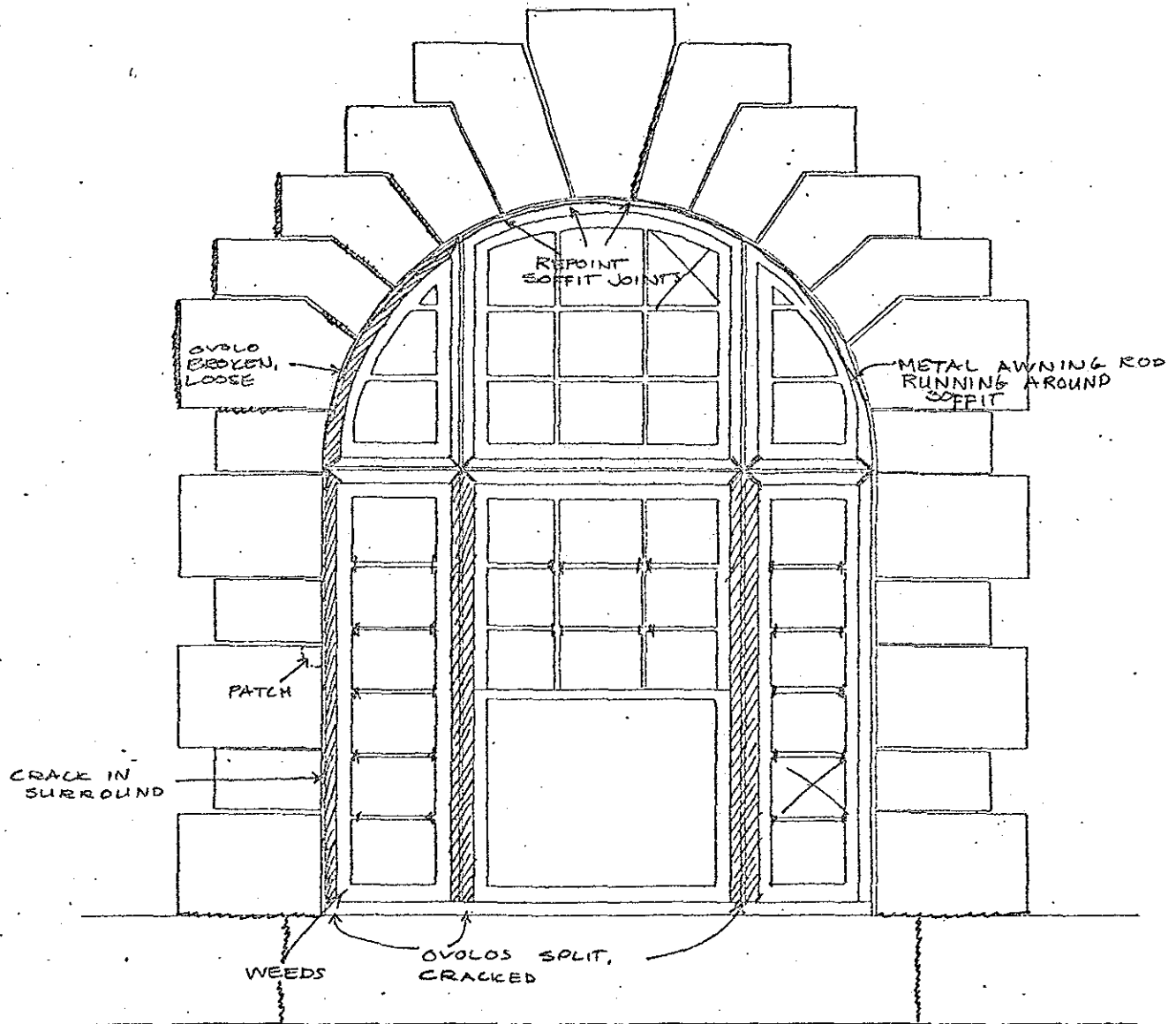
BOTH SIDES PARGED IN SURROUND TO HEIGHT OF TRANSOM; NORTH SIDE CRACKED NEAR TOP

NOT ACCESSIBLE INSIDE

SCREEN LOWER HALF MAIN SASH

IRON BARS INSTEAD OF GRILL - CORRODED; STONE HAS SPALLED INSIDE

B1 FIRST FLOOR	NUMBER E 108	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE DUBONAVITZ GROUP 19 West 45th Street, New York NY 10036	



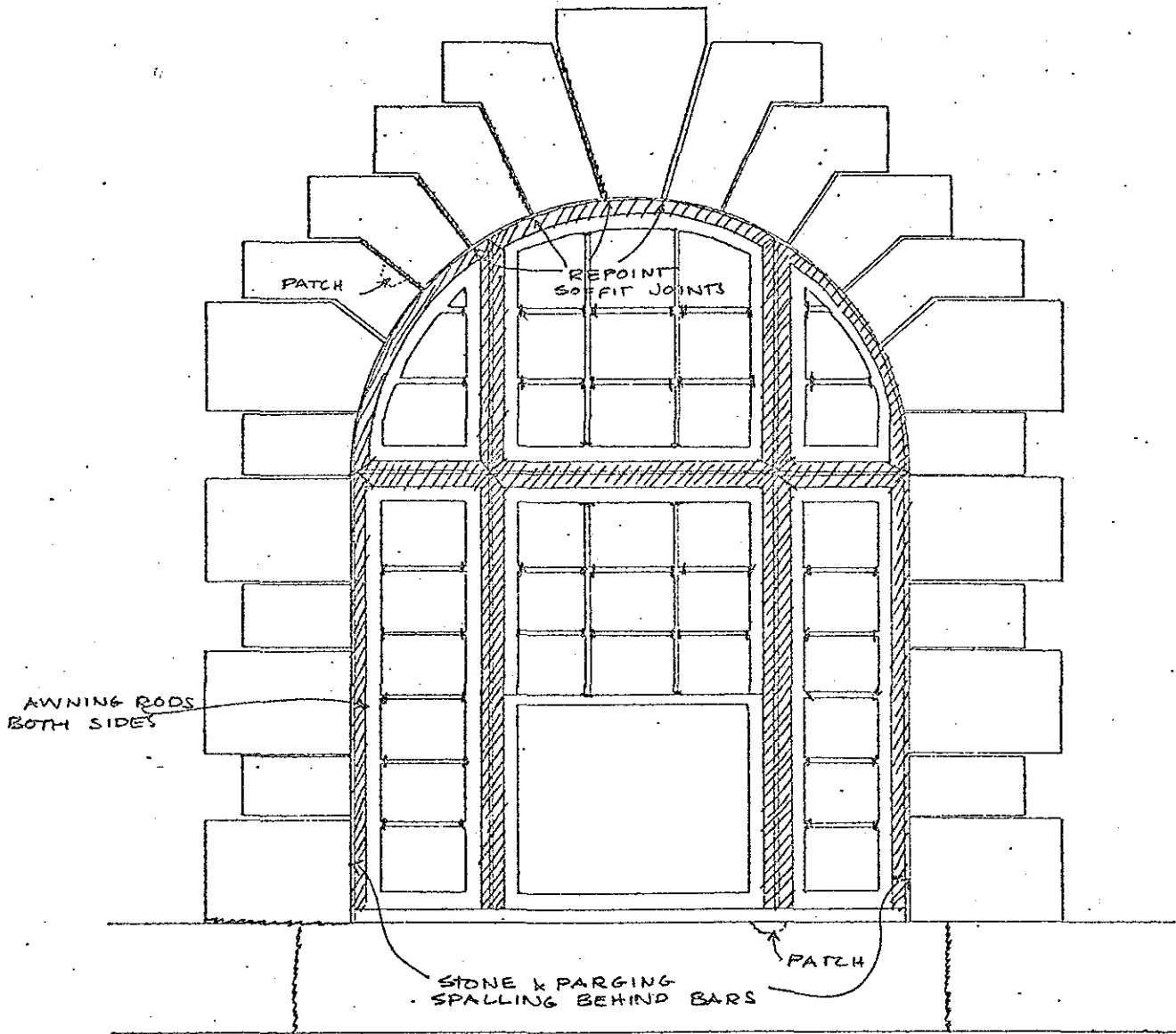
ALL JOINTS OPEN

NOT ACCESSIBLE INSIDE

IRON BARS INSTEAD OF GRILL - CORRODED - STONE BEHIND @BARS
 REPLACED BY PARING, WHICH IS NOW SPALLING

SCREEN LOWER HALF MAIN SASH - POOR CDTN

B1 FIRST FLOOR	NUMBER E 108	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE BRONKOVITZ GROUP 19 West 44th Street, New York NY 10036	



NOT ACCESSIBLE ON INTERIOR

ALL OVOLOS SPLIT, CRACKED
ALL JOINTS OPEN

IRON BARS - SOFFIT PARGED WITH CEMENT TO HEIGHT OF TRANSOM
ON NORTH SIDE.

SCREEN ON LOWER HALF - WOOD SPLIT, MESH TORN

B1 FIRST FLOOR

NUMBER
E 109

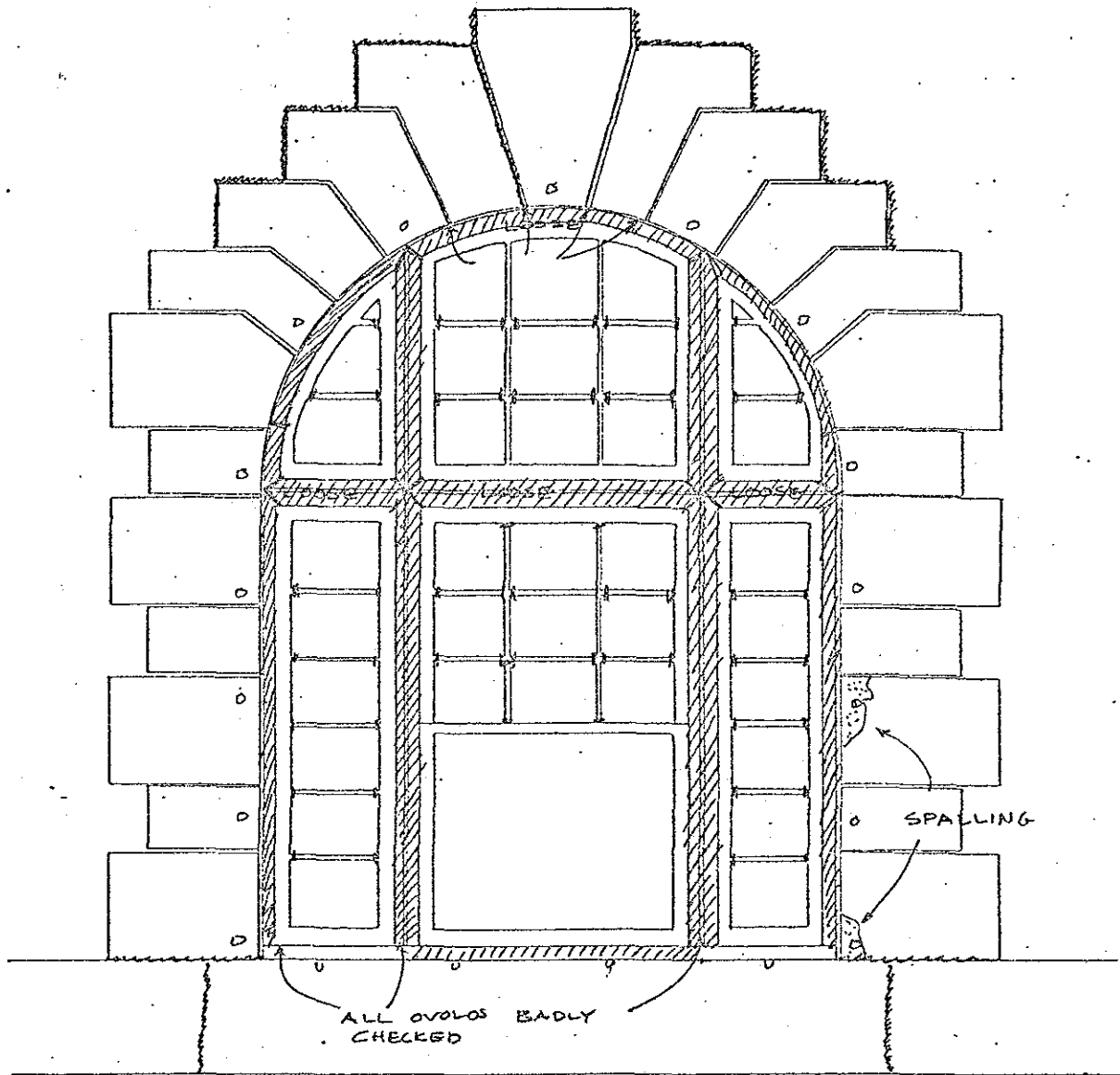
CLASS
2/3

MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
THE EPSTEIN/ITZ GOLF

Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036



ALL JOINTS OPEN

GRILL REMOVED

SCREEN ON LOWER SASH - POOR CDTN

ALL OVOLOS BADLY CHECKED

SPALLING

B1 FIRST FLOOR

NUMBER
E 110

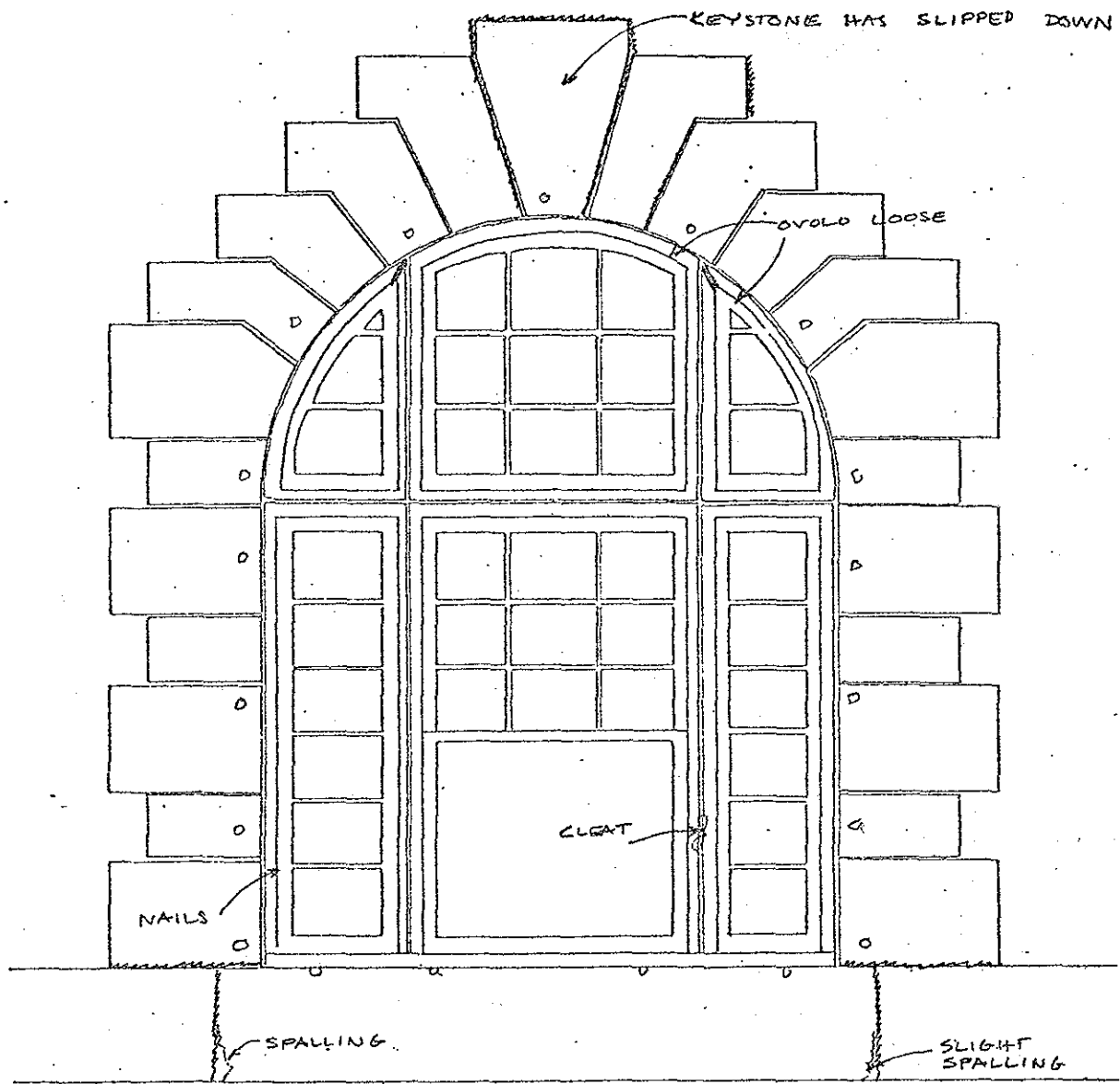
CLASS
3
wood
2
stone

MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING OBSERVATION TECHNOLOGY
THE BUDENKOWITZ GROUP

Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036



- INTERIOR:
- SASH STOPS LOOSE & MISSING
 - SASH OPERABLE
 - TOP RAIL OF LOWER SASH DAMAGED
 - SASH LOCK INOPERABLE - TRANSOM

GRILL REMOVED

B1 FIRST FLOOR

NUMBER
S101

CLASS
2

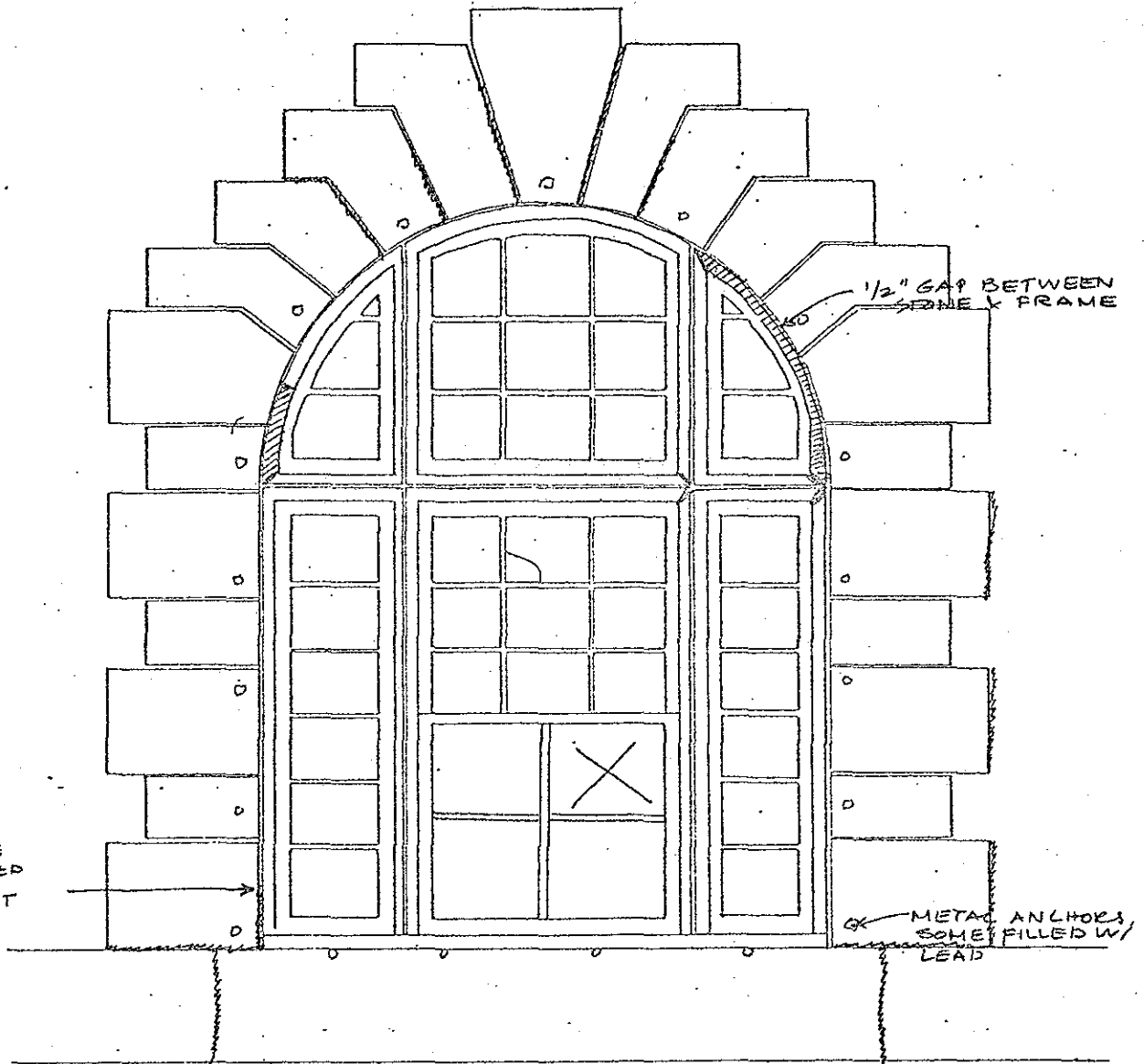
MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
THE BERENSON GROUP

Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036

STONE
PATCHED
WITH
CEMENT



1/2" GAP BETWEEN
STONE & FRAME

METAL ANCHORS,
SOME FILLED W/
LEAD

INTERIOR: • WEST SIDE JAMB, SURROUND & STOOD ROTTEN
• HARDWARE INOPERABLE

GRILL REMOVED

B1 FIRST FLOOR

NUMBER
S102

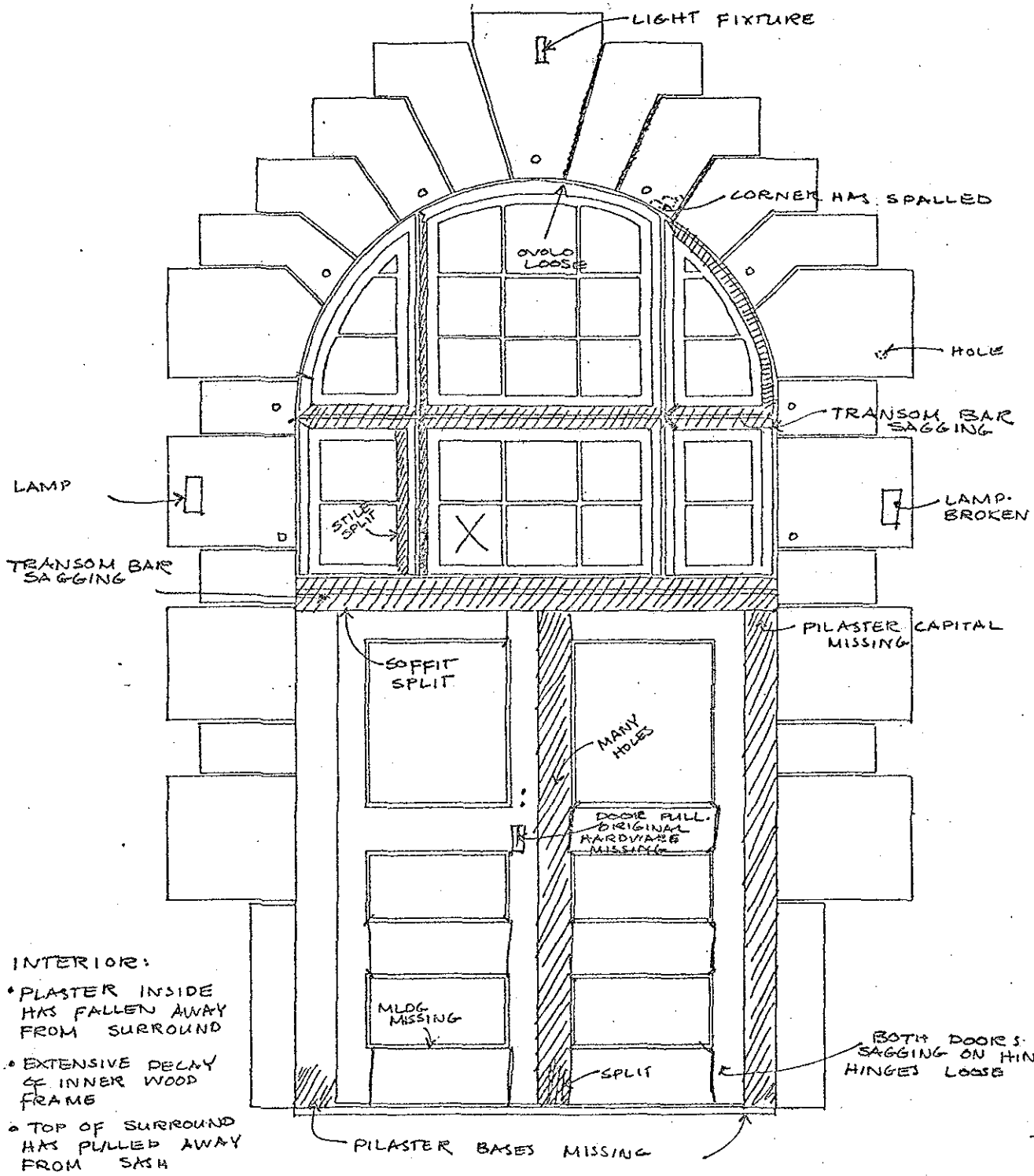
CLASS
2

MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
THE BRENNANZ GROUP

Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036

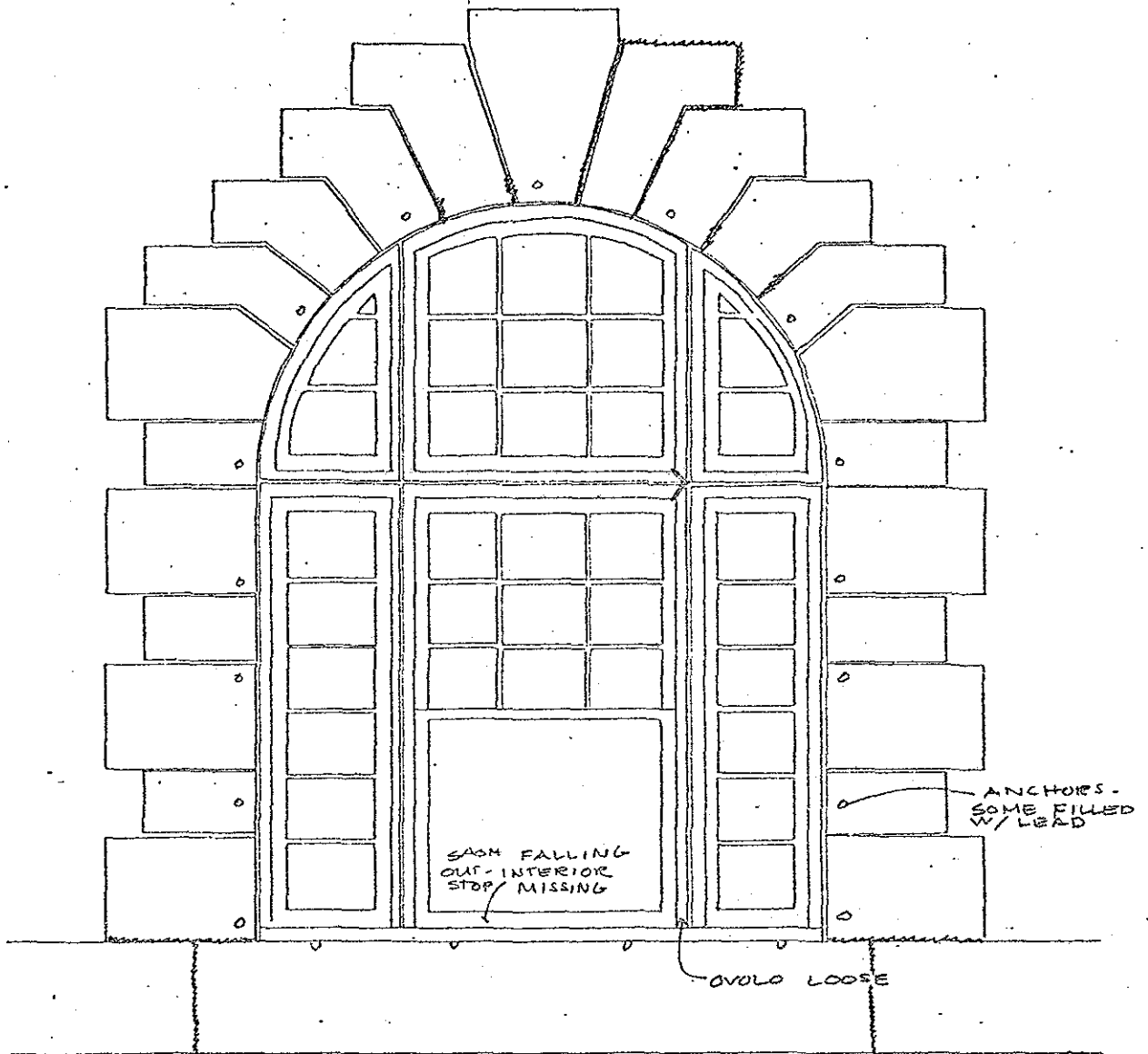


INTERIOR:

- PLASTER INSIDE HAS FALLEN AWAY FROM SURROUND
- EXTENSIVE DELAY OF INNER WOOD FRAME
- TOP OF SURROUND HAS PULLED AWAY FROM SASH

GRILL REMOVED

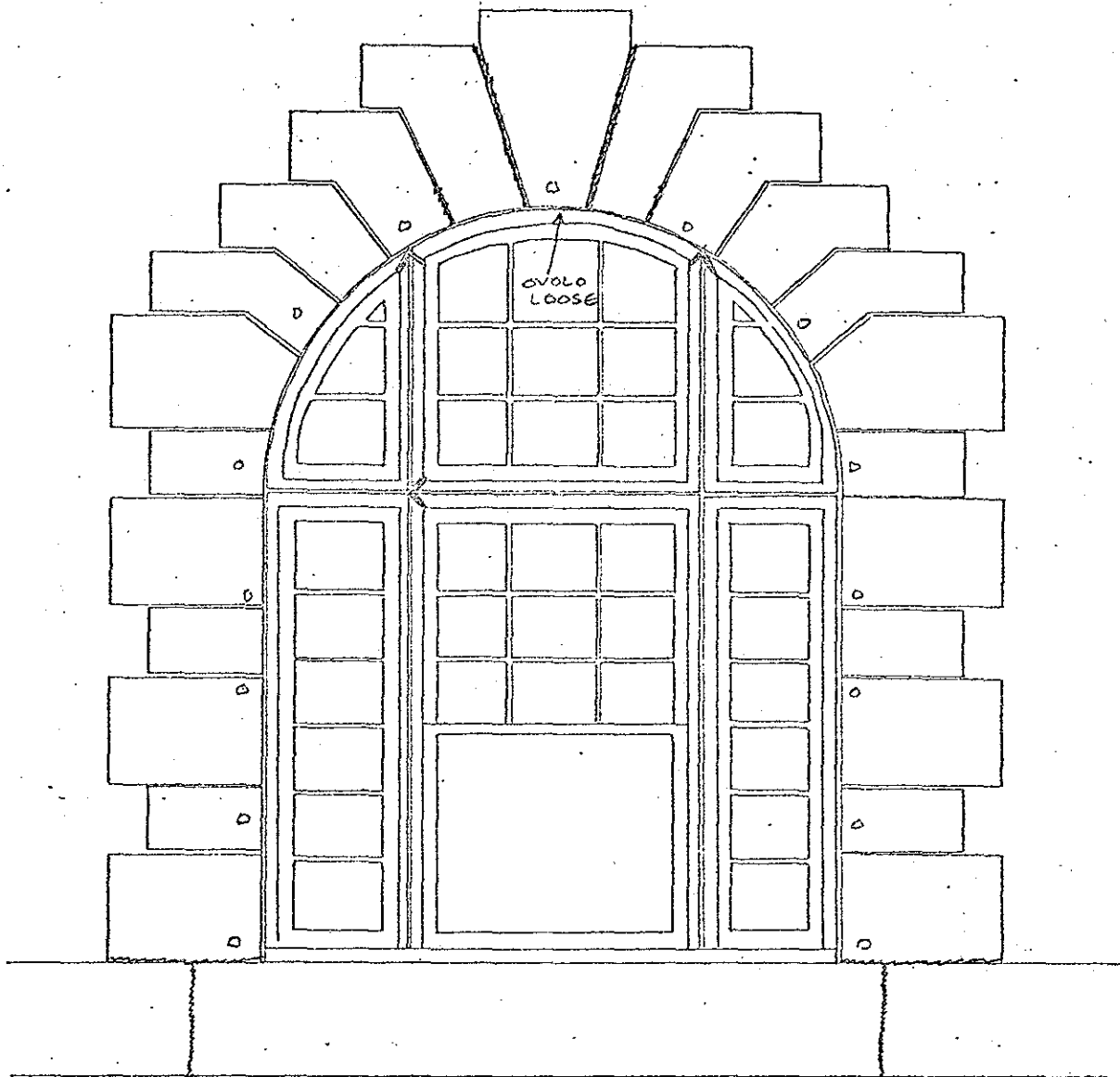
B2 FIRST FLOOR DOOR	NUMBER 5103	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EBENKANTZ GROUP 19 West 44th Street, New York NY 10036	



INTERIOR: SASH STOPS MISSING, ROTTEN, LOOSE
 WINDOW SASH & TRANSOM INOPERABLE

GRILL REMOVED

B1 FIRST FLOOR	NUMBER S104	CLASS 2.
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE DEBRUNYANZ GROUP 19 West 4th Street, New York NY 10036	1.



INTERIOR: • SASH STOPS MISSING, ROTTEN, LOOSE
 - SASH OPERABLE

GRILL REMOVED

B1 FIRST FLOOR

NUMBER
5105

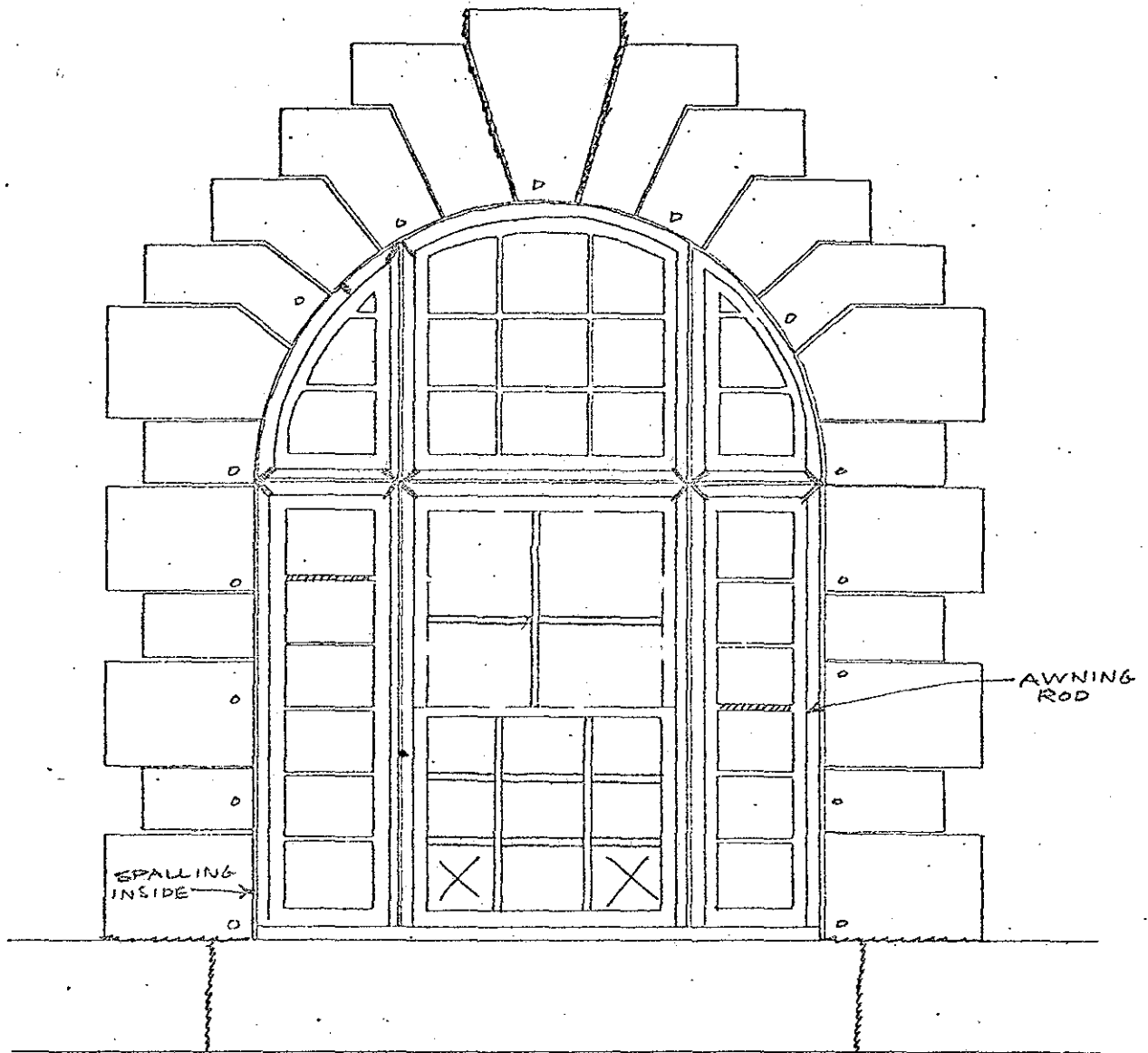
CLASS
2

MECHANICAL AND ELECTRICAL REHABILITATION
 MAIN BUILDING
 ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
 THE BESSANTZ GROUP

Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036



SCREEN OVER LOWER SASH - POOR CONDITION
 GRILL REMOVED

B1 FIRST FLOOR

NUMBER
 5116

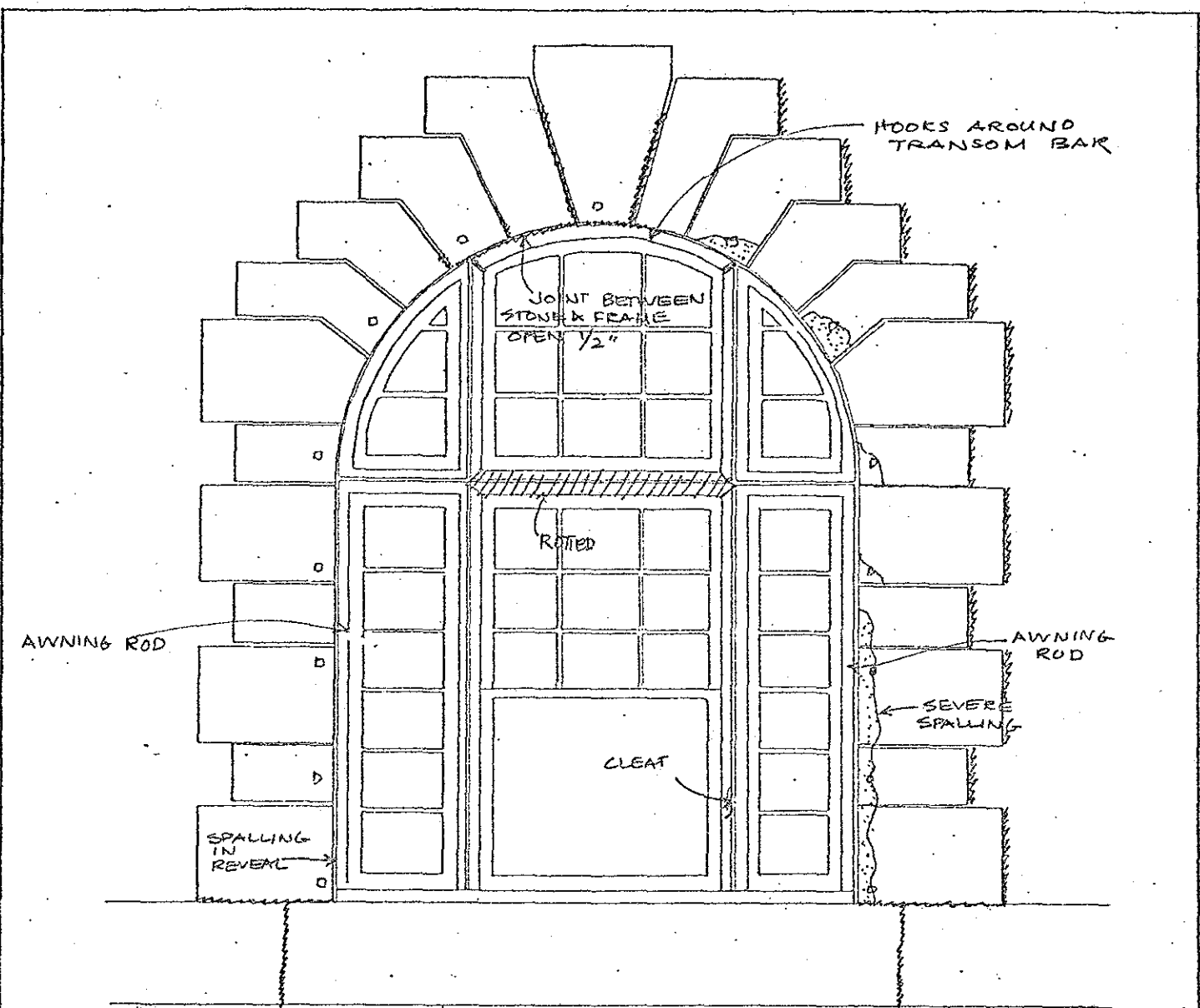
CLASS
 2

MECHANICAL AND ELECTRICAL REHABILITATION
 MAIN BUILDING
 ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
 THE BERENSONTZ GROUP

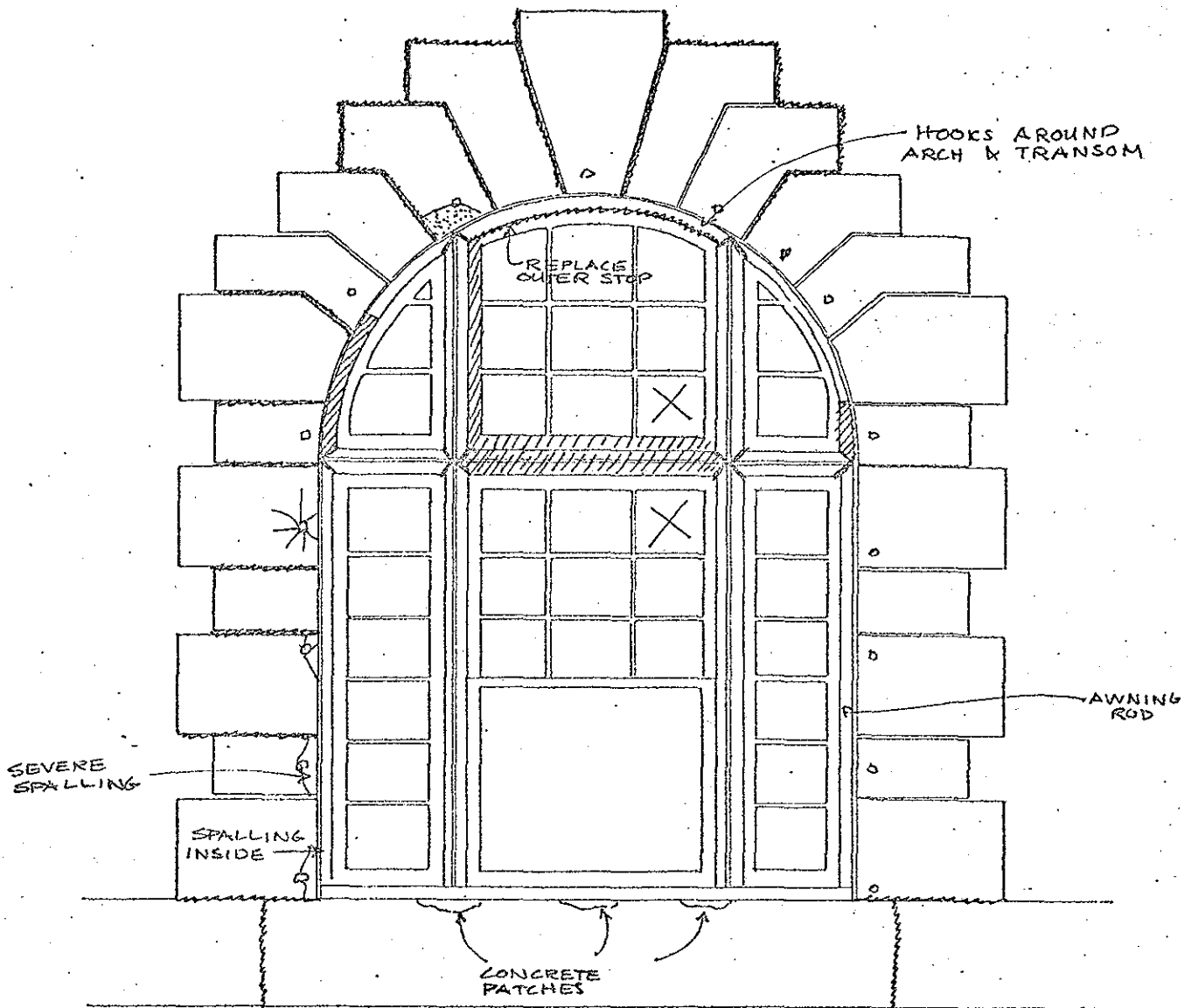
Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036



SCREEN OVER LOWER SASH - POOR CONDITION
 GRILL REMOVED

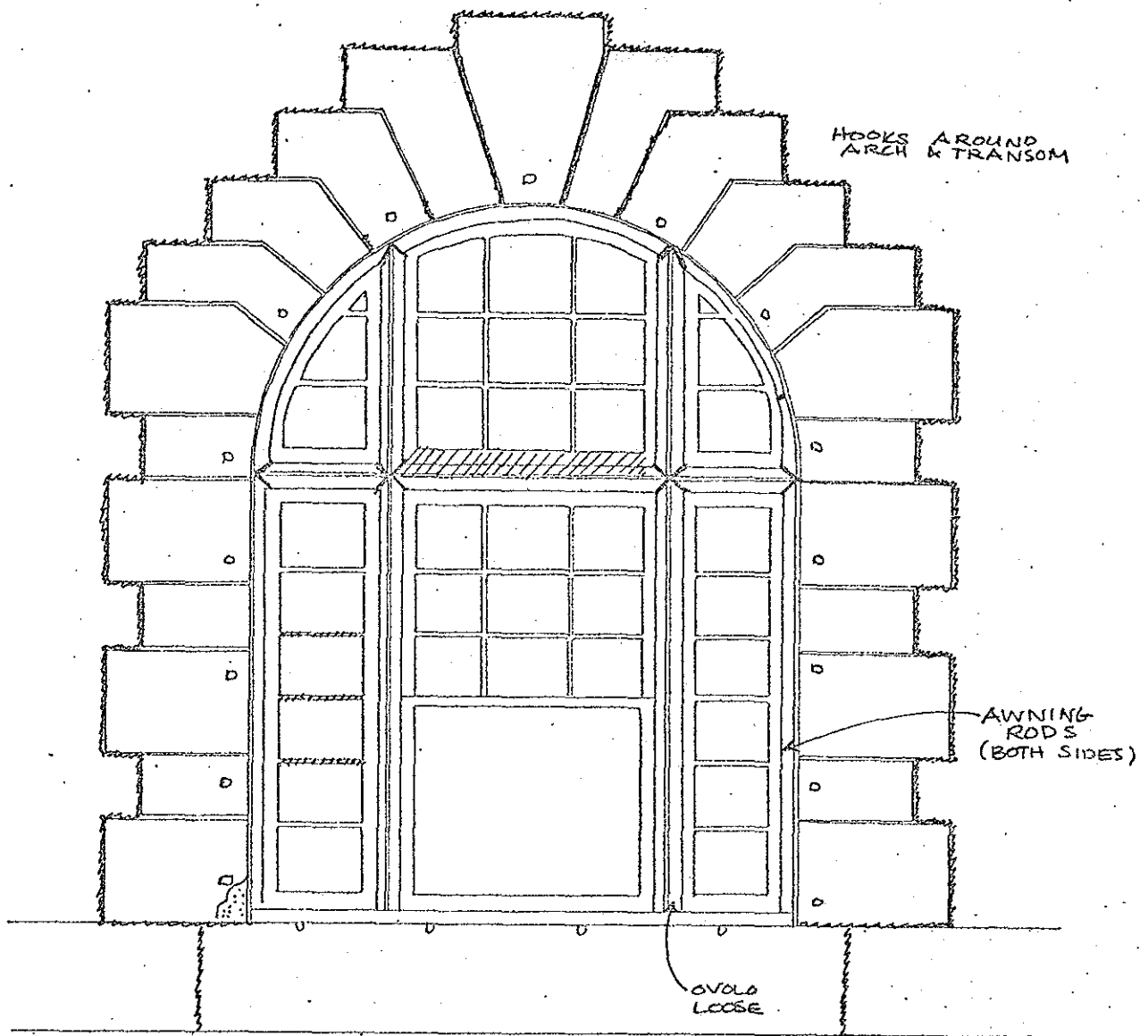
B1 FIRST FLOOR	NUMBER S117	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE DEBENWITZ GROUP 19 West 44th Street, New York NY 10036	



INTERIOR: • SASH STOPS MISSING, ROTTED, LOOSE
 • SASH & HARDWARE NOT OPERABLE

GRILL REMOVED
 SCREEN ON LOWER SASH - POOR CONDITION

B1 FIRST FLOOR	NUMBER S118	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EPENJANTZ GROUP 19 West 44th Street, New York NY 10036	

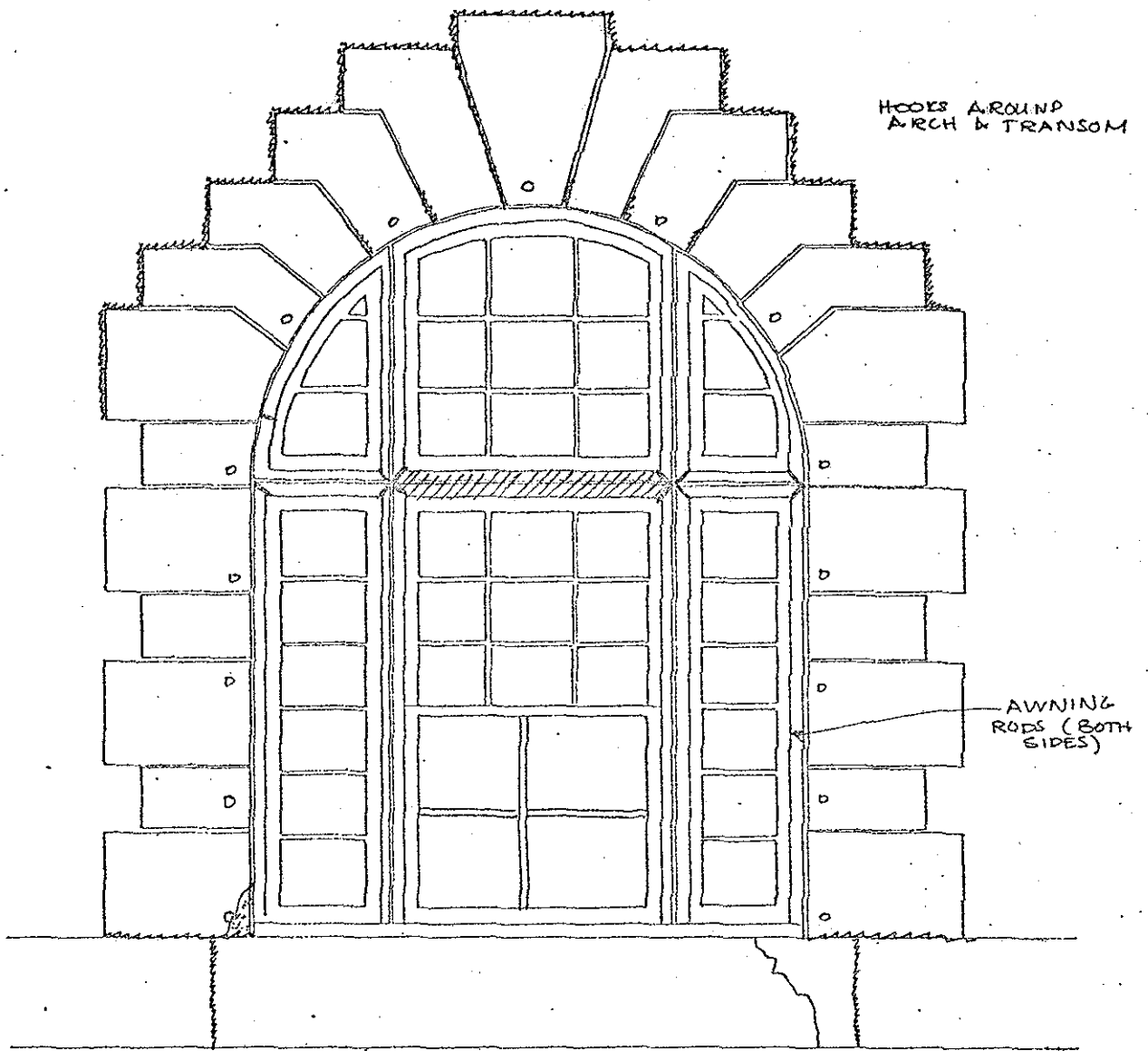


INTERIOR: • SASH STOPS MISSING, ROTTEN, LOOSE
 • STOOLS DAMAGED

GRILL REMOVED

SCREEN OVER LOWER SASH - POOR CONDITION

B1 FIRST FLOOR	NUMBER 5119	CLASS 21 wood
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE REZEMANTZ GROUP 19 West 44th Street, New York NY 10036	2 stone



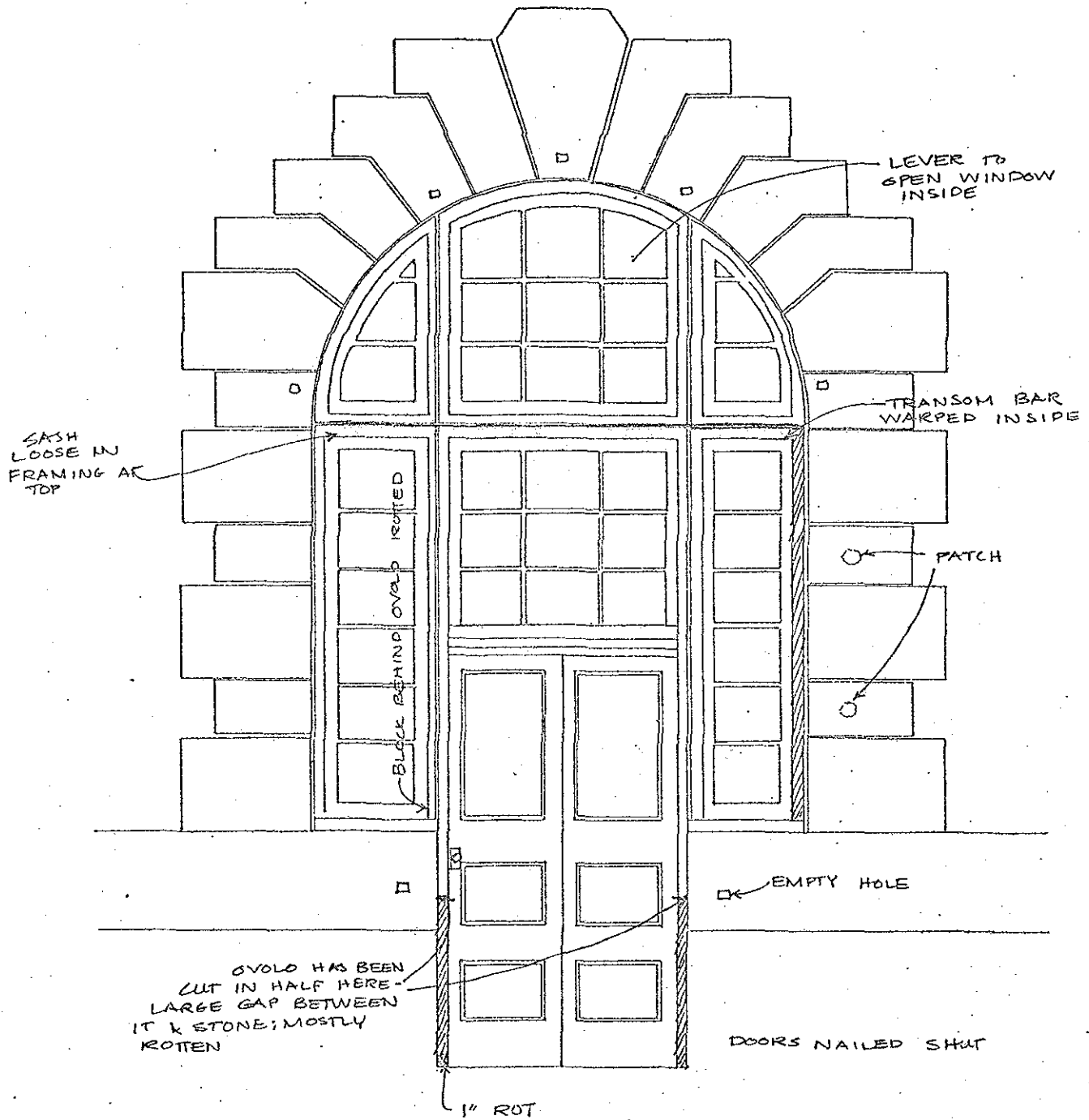
HOOKS AROUND
ARCH & TRANSOM

AWNING
RODS (BOTH
SIDES)

SCREEN OVER LOWER SASH - POOR CONDITION

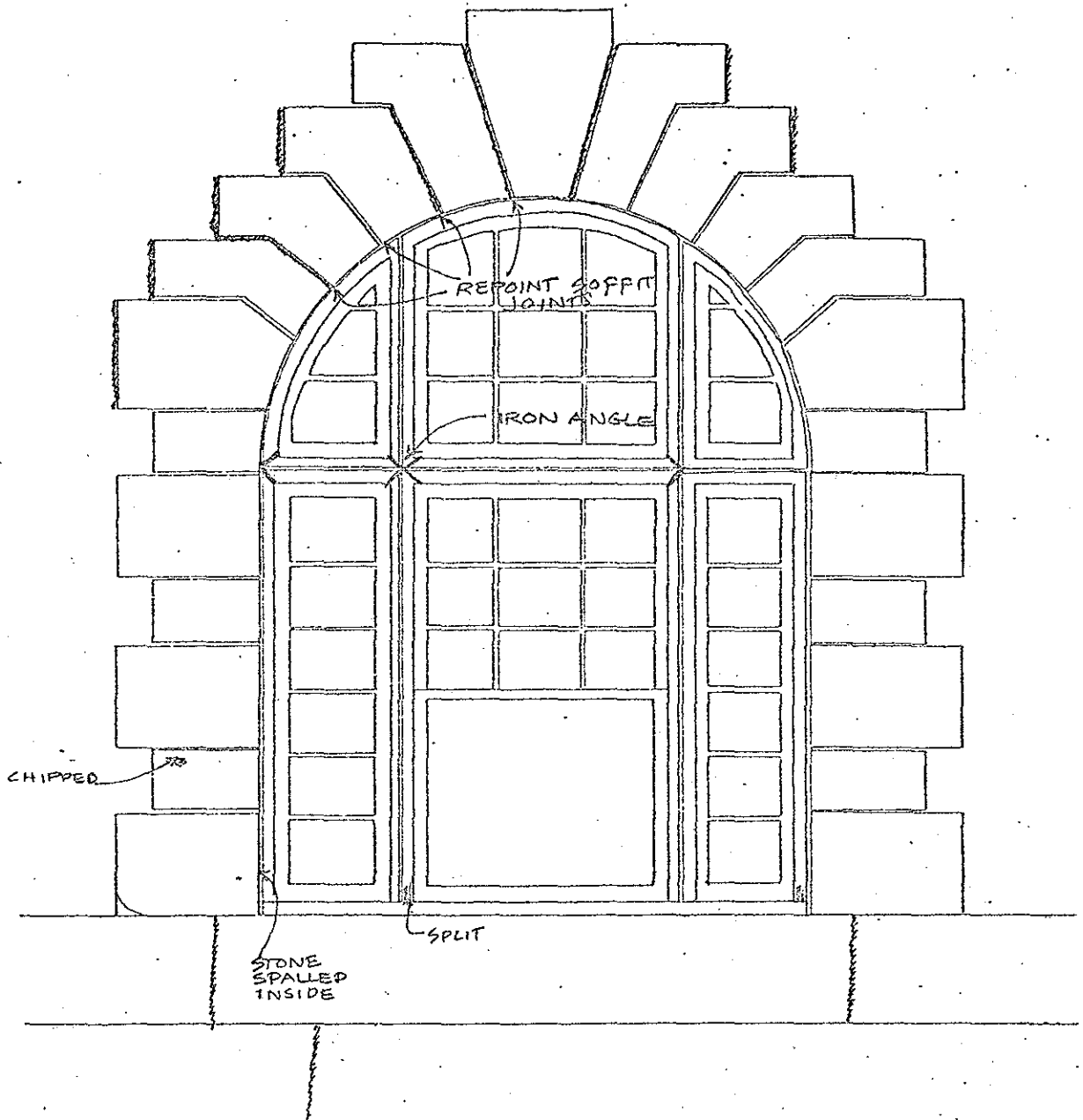
GRILL REMOVED

<p>B1 FIRST FLOOR</p>	<p>NUMBER S12B</p>	<p>CLASS 2 WOOD</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York</p>	<p>BUILDING OBSERVATION TECHNOLOGY THE DEVENANTZ GROUP 19 West 44th Street, New York NY 10036</p>	<p>2 STONE</p>



VINES
GRILLS OVER ALL WINDOWS

E 1 st FLOOR DOOR	NUMBER W101	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EBERKRAVITZ GROUP 19 West 44th Street, New York NY 10036	



WINDOW STUCK SHUT - UNABLE TO EXAMINE EXTERIOR CLOSELY

GRILL

B1 FIRST FLOOR

NUMBER
W102

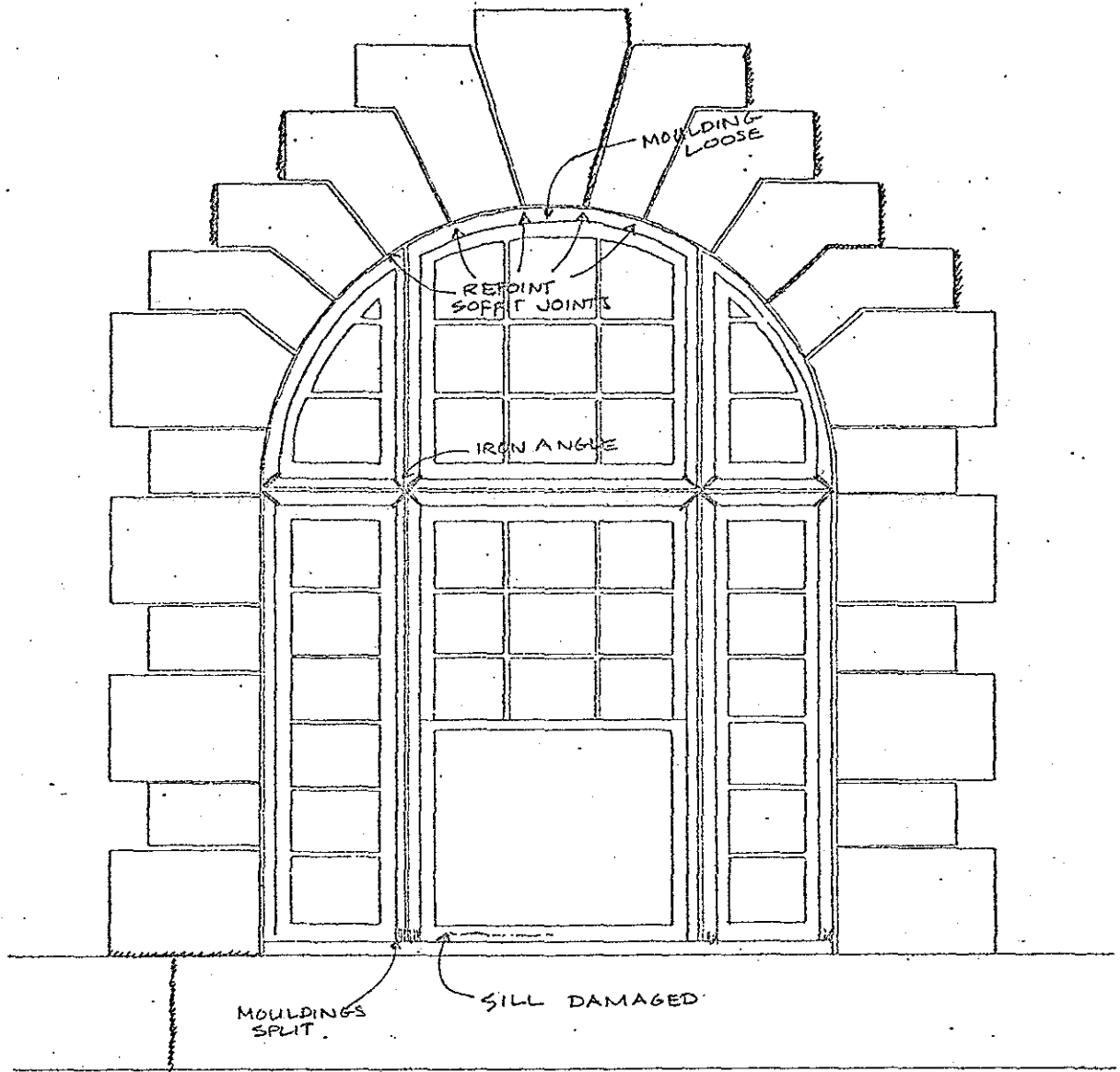
CLASS
1

MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
THE EBENHANTZ GROUP

Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036



GRILL IN PLACE - RUSTED AT BOTTOM

B1 FIRST FLOOR

NUMBER
W103

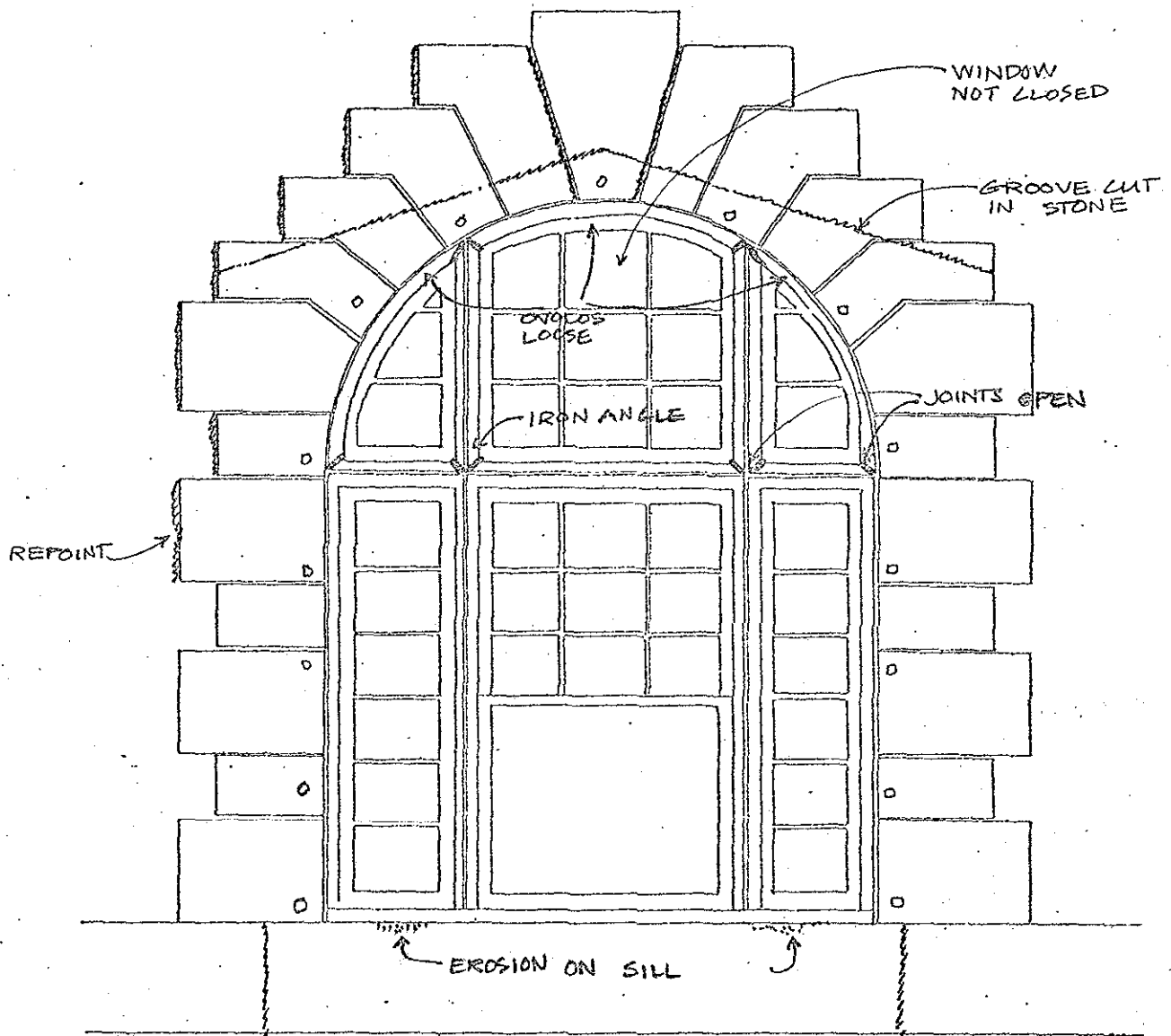
CLASS
1

MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
THE DEBENWITZ GROUP

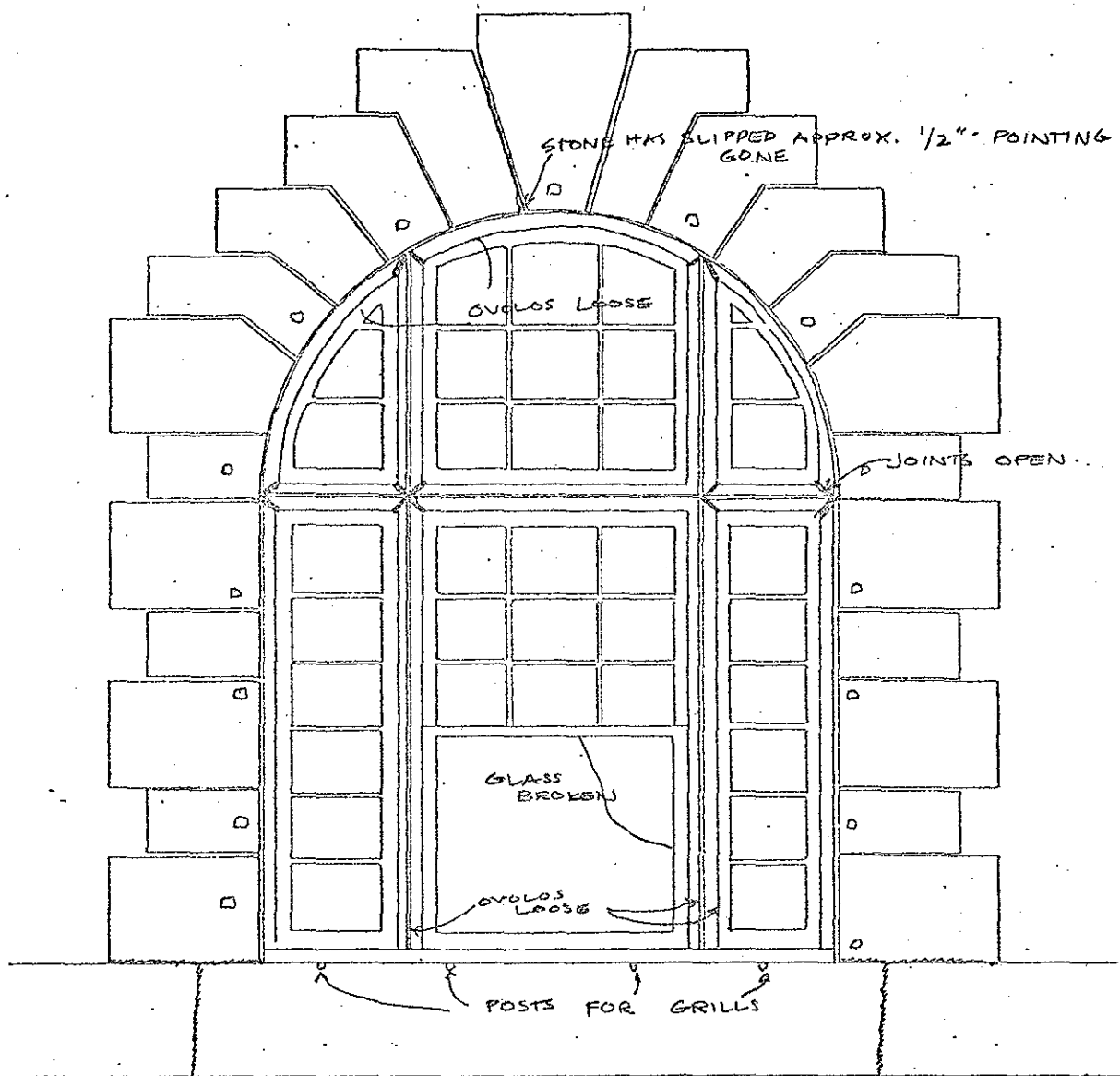
Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036



GRILL

B1 FIRST FLOOR	NUMBER W104	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE EBENDOWITZ GROUP 19 West 44th Street, New York NY 10036	



IRON CRAMPS IN SURROUND - RUSTING, HAVE BEEN COVERED W/LEAD

REMOVE NAILS IN WOOD SURROUND / DEBRIS ON SILL

GRILL REMOVED

B1 FIRST FLOOR

NUMBER
W105

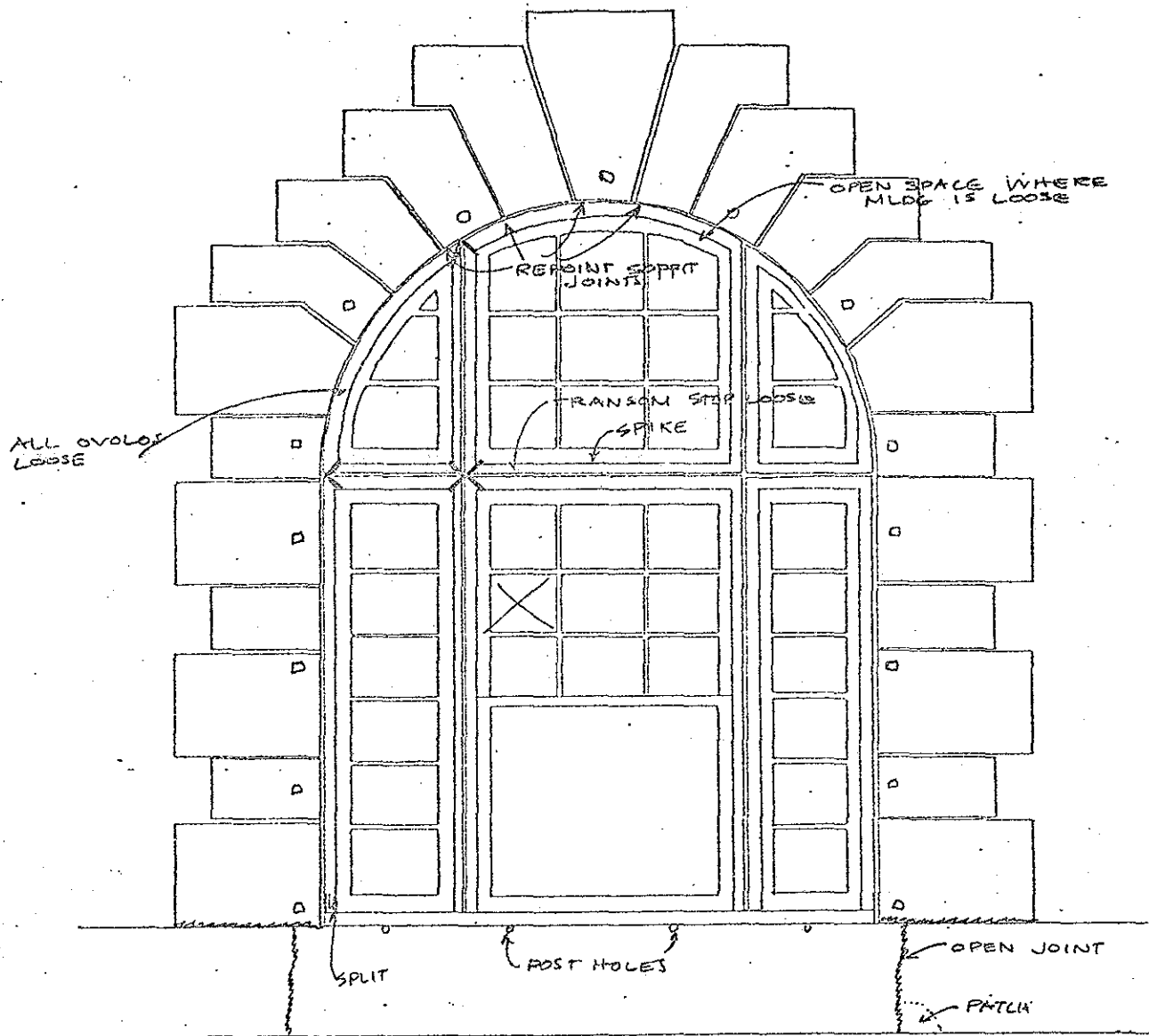
CLASS
2

MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
THE DEERWANTZ GROUP

Statue of Liberty National Monument, New York

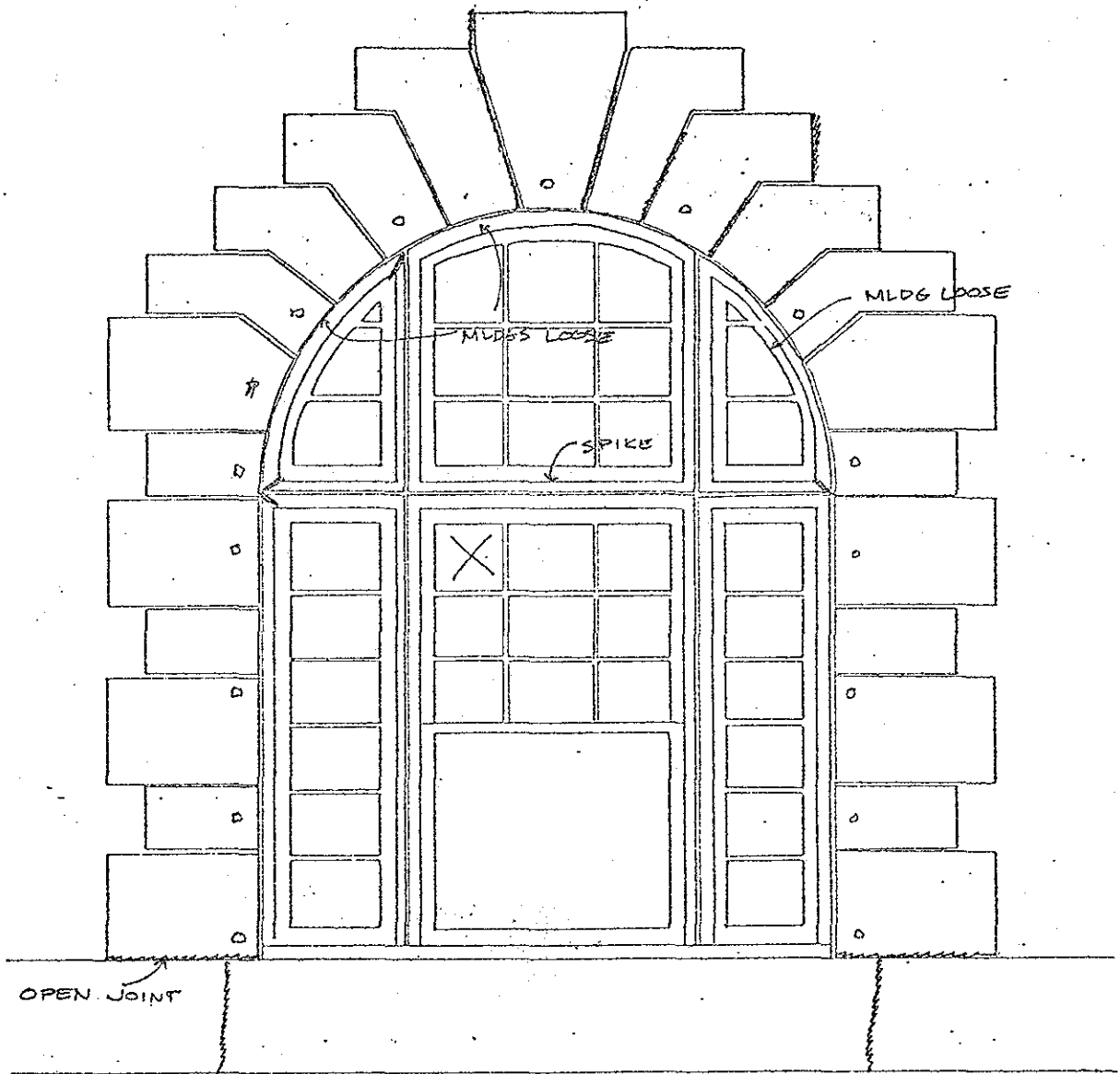
19 West 45th Street, New York NY 10036



INTERIOR: STOOL AND ALL SASH STOPS ARE ROTTED, LOOSE - REQUIRE REPLACEMENT; SASH PULLEYS, TRANSON HINGES INOPERABLE.

GRILL REMOVED

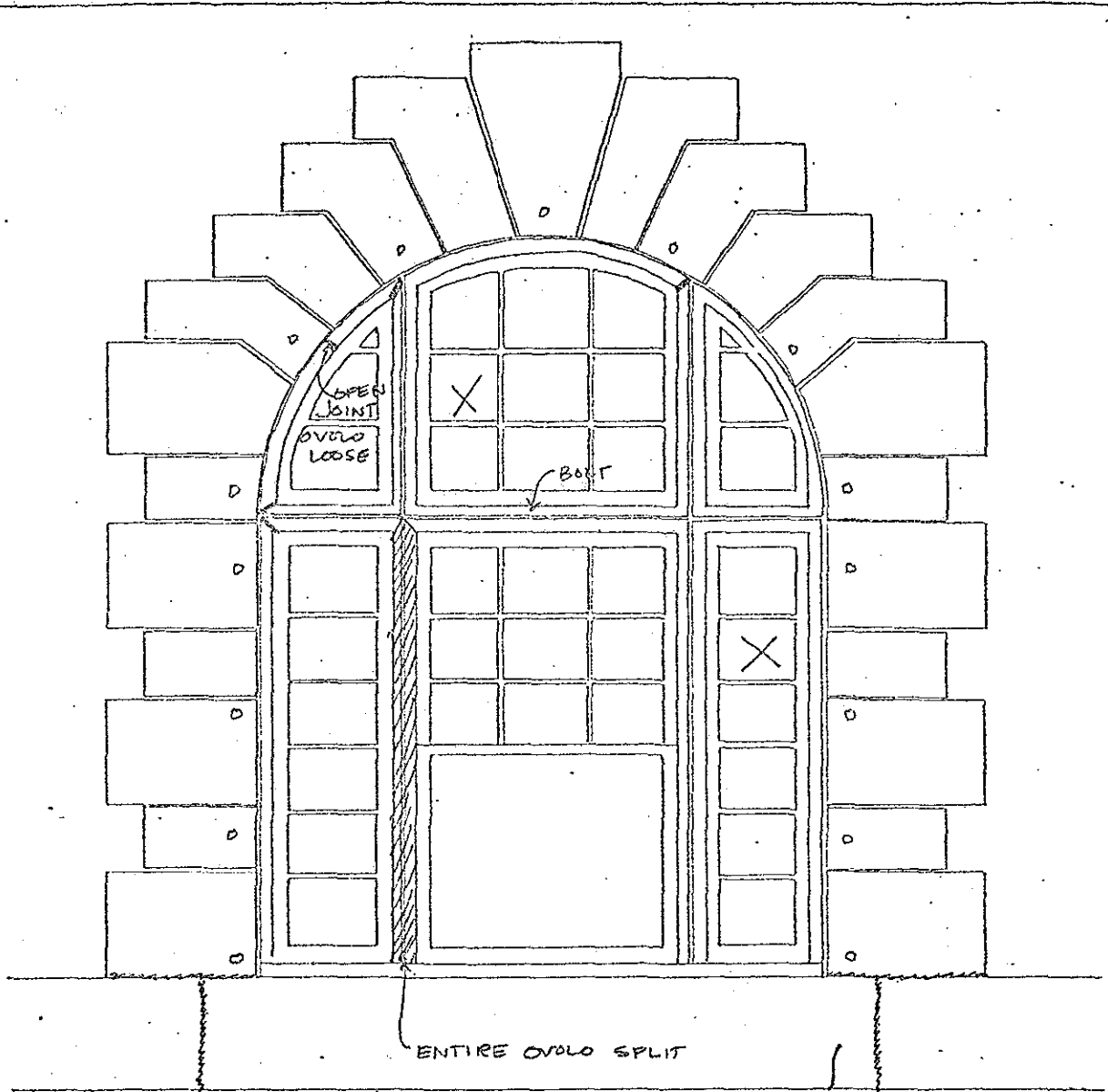
B1 FIRST FLOOR	NUMBER W 106	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EBERSONTZ GROUP 19 West 44th Street, New York NY 10036	



INTERIOR: ALL SASH STOPS ROTTED, LOOSE
 SASH PULLEY, TRANSOM HINGES & OPERATING
 MECHANISM INOPERABLE

GRILLS REMOVED

B1 FIRST FLOOR	NUMBER W 107	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EBENJANIZ GROUP 19 West 44th Street, New York NY 10036	



B1 FIRST FLOOR	NUMBER W 108	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE DEBOSKOWITZ GROUP 19 West 44th Street, New York NY 10036	

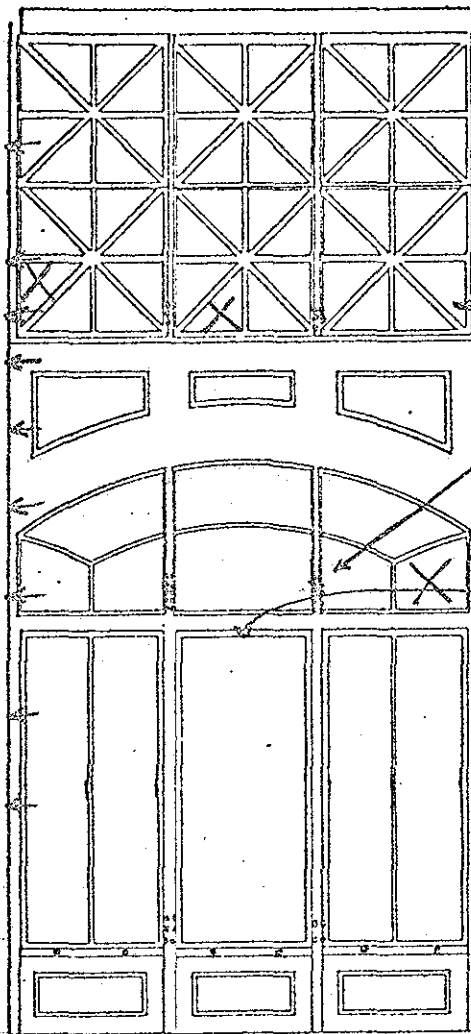
CRACKING IN REVEAL

← FLASHING FROM FORMER CANOPY

HOLES IN METAL FROM PREVIOUS ATTACHMENTS

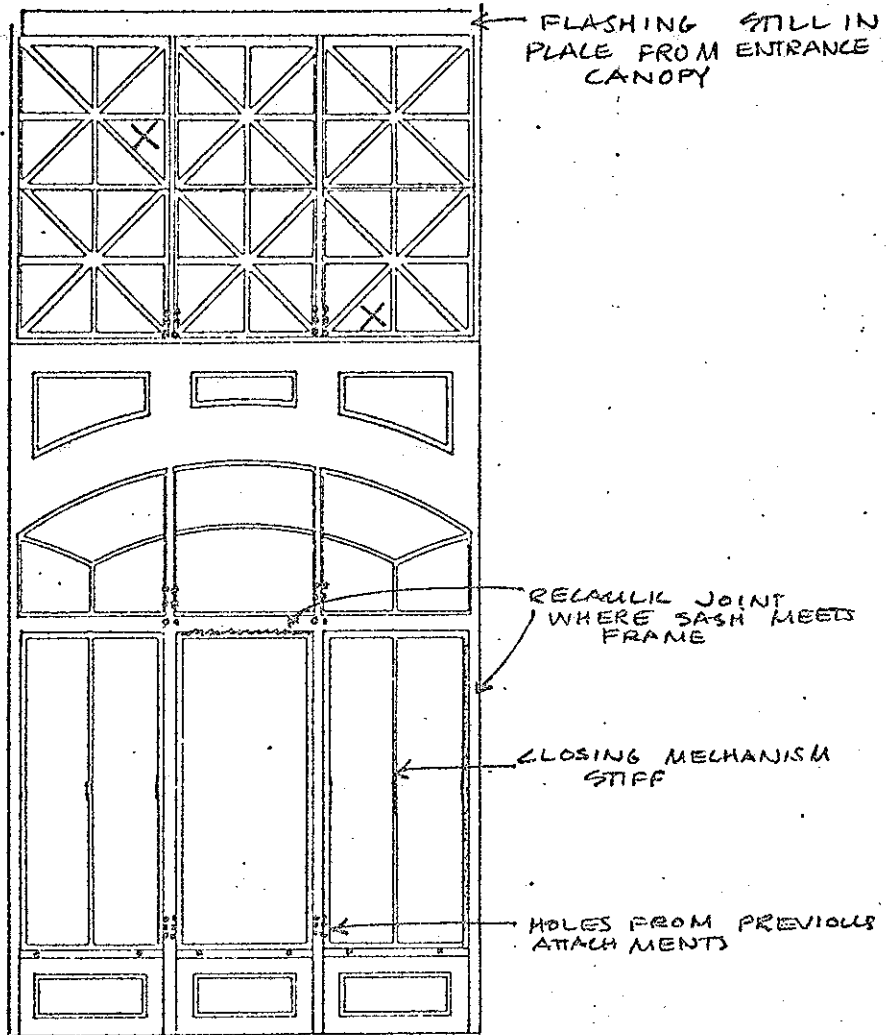
HOLES FOR OLD CANOPY OR GRILLS? HOLES UP TO THIS POINT ARE FILLED WITH LEAD, THOSE ABOVE ARE EMPTY

← RECAULK WHERE SASH MEETS FRAME



SCREENS ON INTERIOR OF CASEMENT WINDOWS - POOR CONDITION - SIDE RAILS ROTTED, HARDWARE MISSING

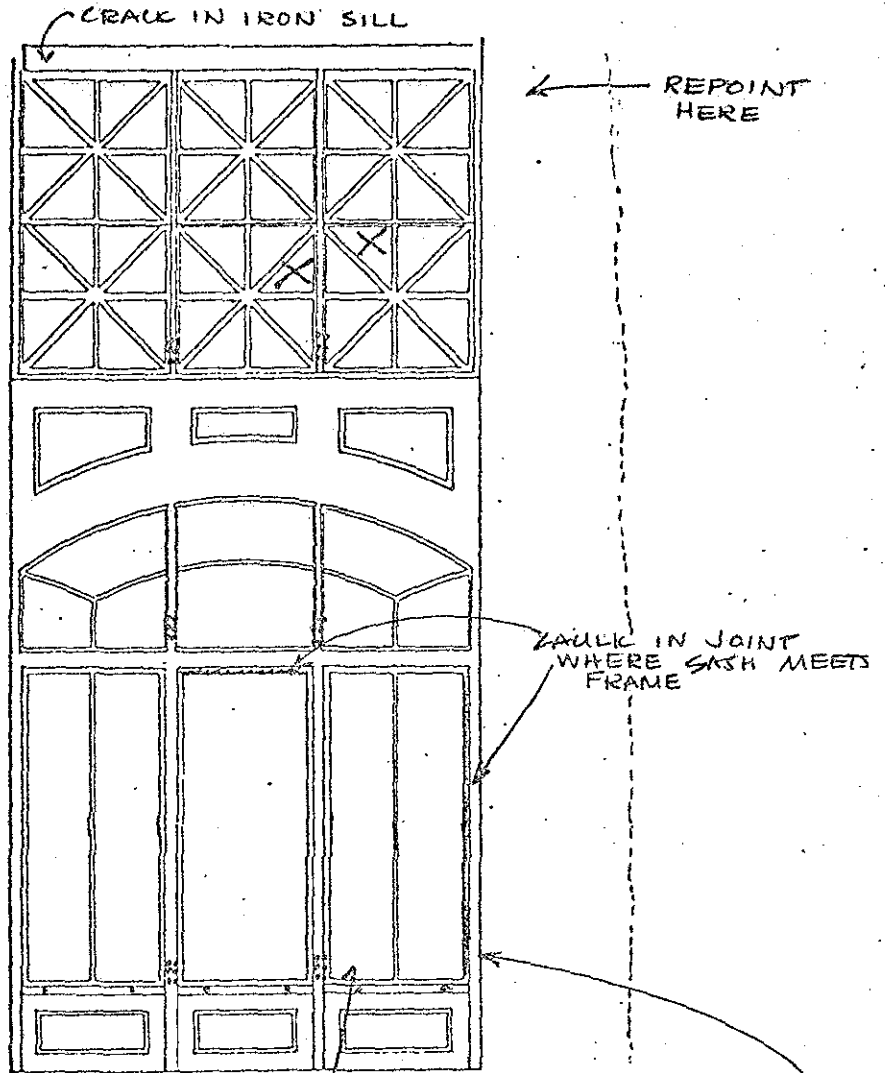
C1 MAIN ARCH, BOTTOM UNIT (9)	NUMBER S107	CLASS I
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OPERATIONS TECHNOLOGY THE DREXELBURNER GROUP 19 East 44th Street, New York NY 10036	



CASEMENT WINDOWS WILL NOT CLOSE FULLY - CLEAN OUT TRACKS, CHECK HINGES

SCREENS OK, SIDE WINDOWS - GOOD CONDITION - SOME LOOSE & RUSTY HARDWARE; MESH TORN

C1 MAIN ARCH, BOTTOM UNIT (4)	NUMBER S 108	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OPERATIONS TECHNOLOGY THE DRENGOWITZ GROUP 19 West 44th Street, New York NY 10036	



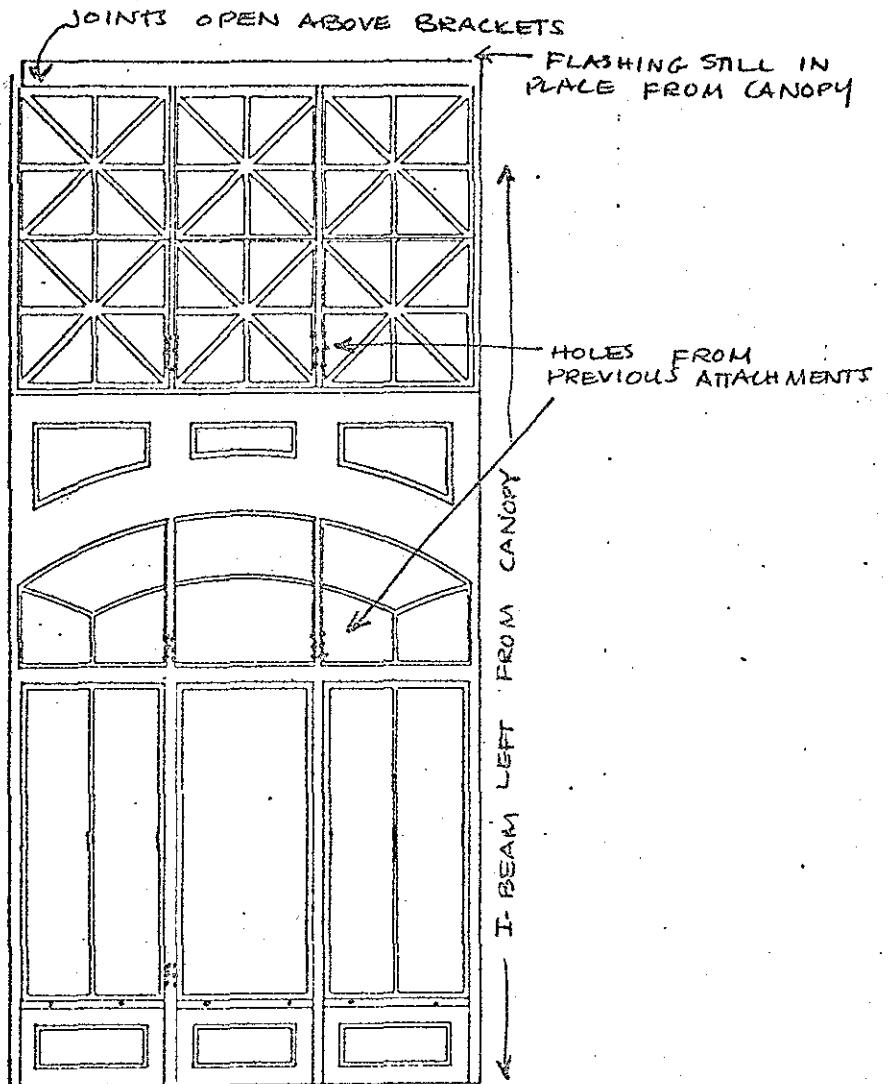
THIS SIDE STUCCO PLATE
HOLDING BOTTOM OF LOSING
ROD NEEDS SCREWS & UPPER
RIGHT HINGES LOOSE

SCREENS ON INTERIOR OF CASEMENT WINDOWS - PAIR CONDITION -
SOME HARDWARE LOOSE OR MISSING, MESH TORN.

C1 MAIN ARCH, BOTTOM UNIT (4)	NUMBER S109	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OPERATIONAL TECHNOLOGY THE FIBERGLASS GROUP 19 West 44th Street, New York NY 10036	

ALL STONE
NEEDS REPOINTING

STONE



METAL IN GOOD CONDITION - LIGHT SCALE IN SOME AREAS
WINDOW CASINGS BRONZE, ALL OTHER STEEL OR CAST IRON

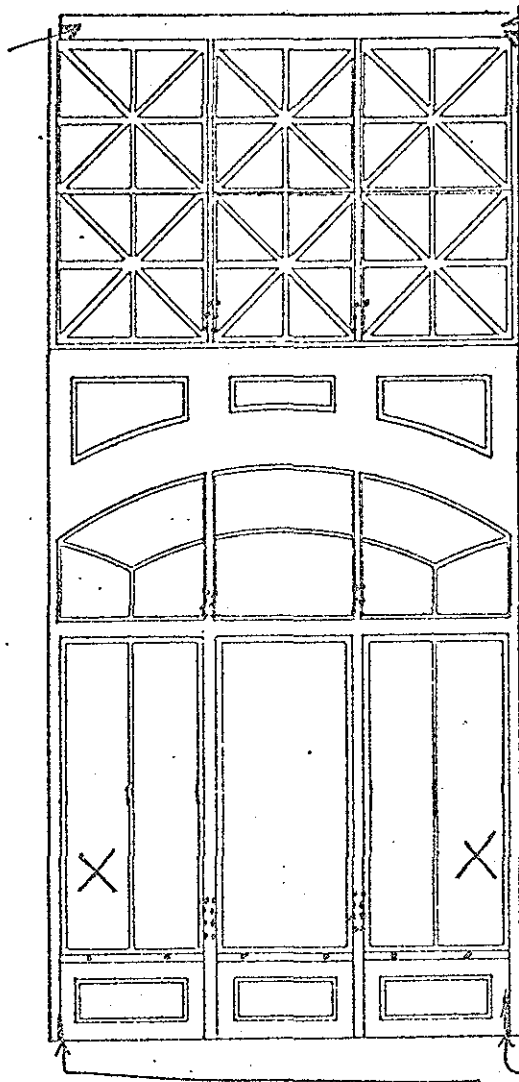
SCREENS ON INTERIOR OF SIDE CASEMENTS

TRANSOM OPERATING MECHANISM

CASEMENTS OPERABLE - SOME LOOSE HARDWARE

C1 MAIN ARCH, BOTTOM UNIT (4)	NUMBER S110	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING ORIGINATOR TECHNOLOGY THE BRENSHAW GROUP 19 West 44th Street, New York NY 10036	

JOINTS OPEN ABOVE
BRACKETS



FLASHING FROM
OLD CANOPY

SMALL SECTION
BROKEN AWAY

JOINT OPEN

CASEMENTS OPERABLE - SOME INTERIOR HARDWARE LOOSE
OR STUCK

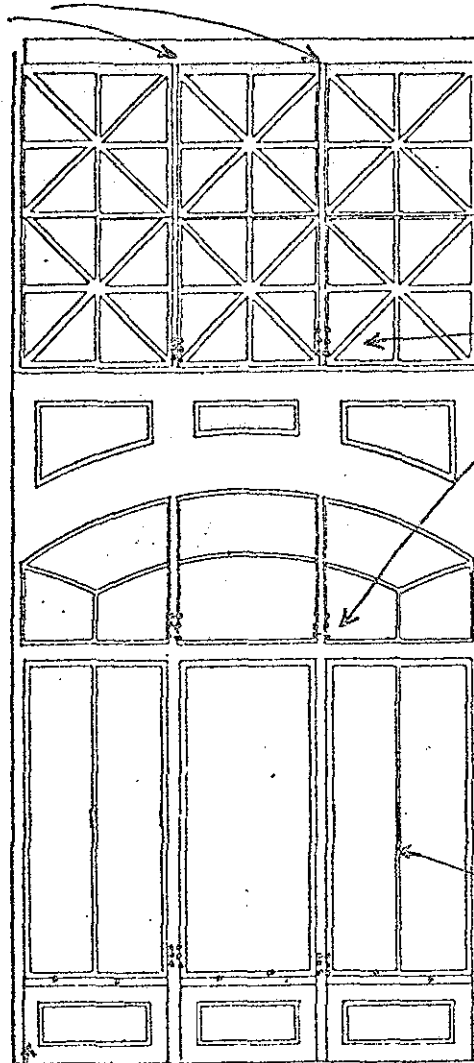
WOODEN SCREENS ON INTERIOR OF CASEMENT SASH - SCREEN
POOR

INTERIOR TRANSOM MECHANISM INTACT BUT INOPERABLE

INTERIOR METAL IN GOOD CONDITION - SOME LIGHT SCALE -
EXTERIOR SAME

C1 MAIN ARCH, BOTTOM UNIT (4)	NUMBER S111	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE BIRNBOIMZ GROUP 19 West 44th Street, New York NY 10036	

JOINTS OPEN ABOVE BRACKETS



FLASHING FROM CANOPY IN PLACE

HOLES IN METAL FROM PREVIOUS ATTACHMENTS

STONE

STONE IN GENERAL NEEDS REPOINTING

HOLES IN STONE REVEAL FROM GRILL NOW REMOVED

LATCH MISSING

JOINT OPEN

INTERIOR TRANSOM HARDWARE MISSING 2 ARMS - OTHERWISE ALL IN PLACE BUT PRESENTLY INOPERABLE

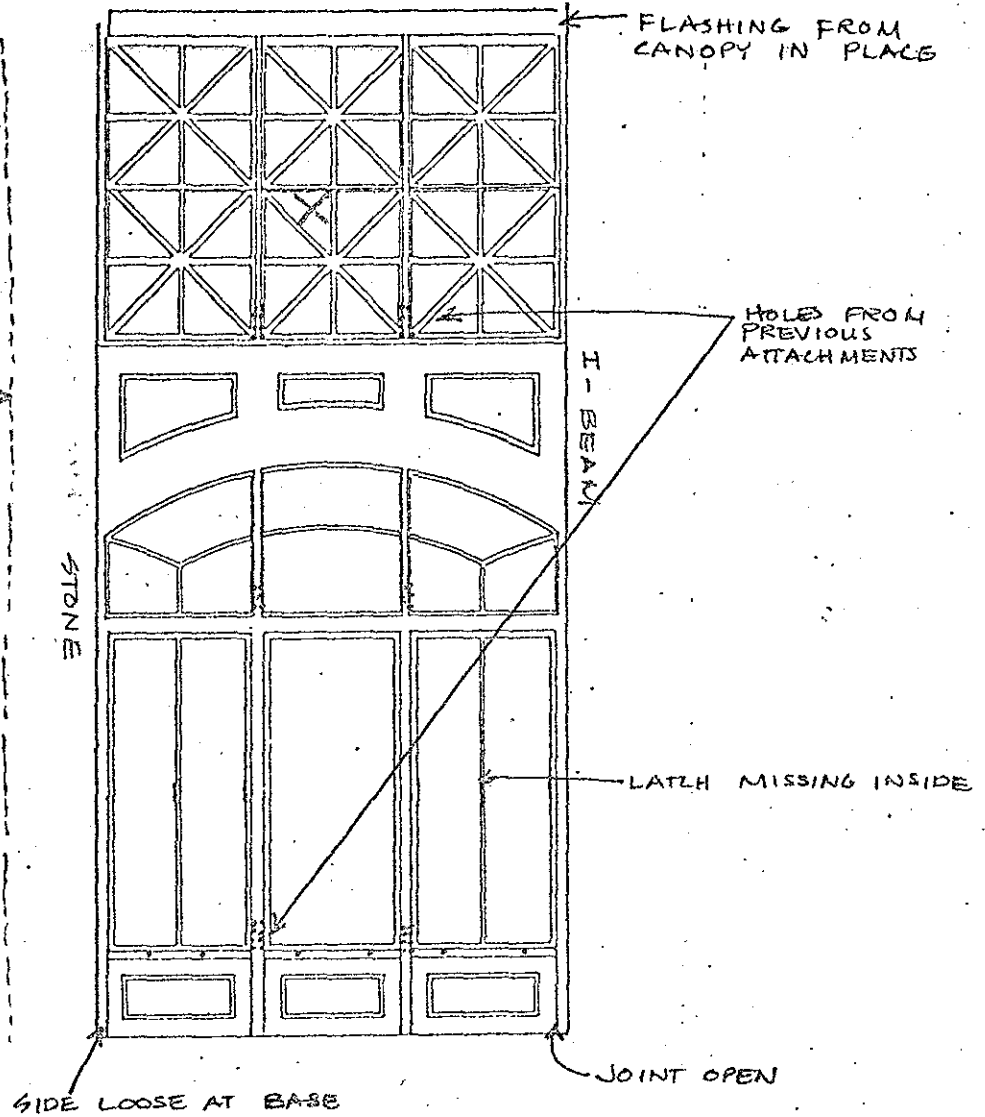
WOOD SCREENS ON INTERIOR OF CASEMENT SASH - GOOD CONDITION

CASEMENTS OPERABLE THOUGH STIFF

METAL IN GOOD CONDITION - SOME SCALE

C1 MAIN ARCH, BOTTOM UNIT (4)	NUMBER S112	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OPERATIONAL TECHNOLOGY THE DRESBACH GROUP 19 West 44th Street, New York NY 10036	1

HOLES IN REVEAL
FROM GRILL NOW
REMOVED



INTERIOR TRANSOM HARDWARE ALL IN PLACE - STIFF
 CASEMENT HARDWARE STIFF
 WOOD SCREENS ON INTERIOR OF CASEMENTS - GOOD CONDITION
 METAL IN GOOD CONDITION - SOME SCALE

C1 MAIN ARCH, BOTTOM UNIT (9)

NUMBER
5113

CLASS

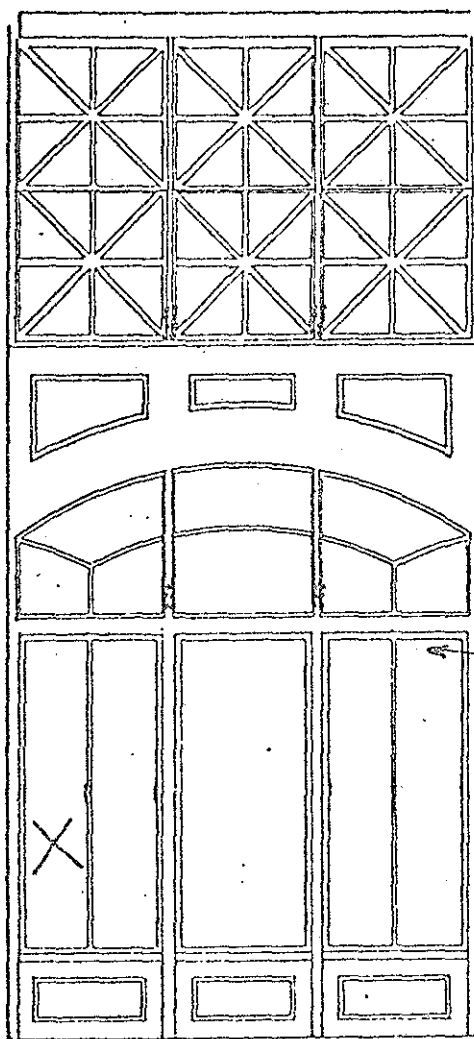
1

MECHANICAL AND ELECTRICAL REHABILITATION
 MAIN BUILDING
 ELLIS ISLAND

BUILDING OPERATIONAL TECHNOLOGY
 THE EBERSONITZ GROUP

Statue of Liberty National Monument, New York

19 East 44th Street, New York NY 10036



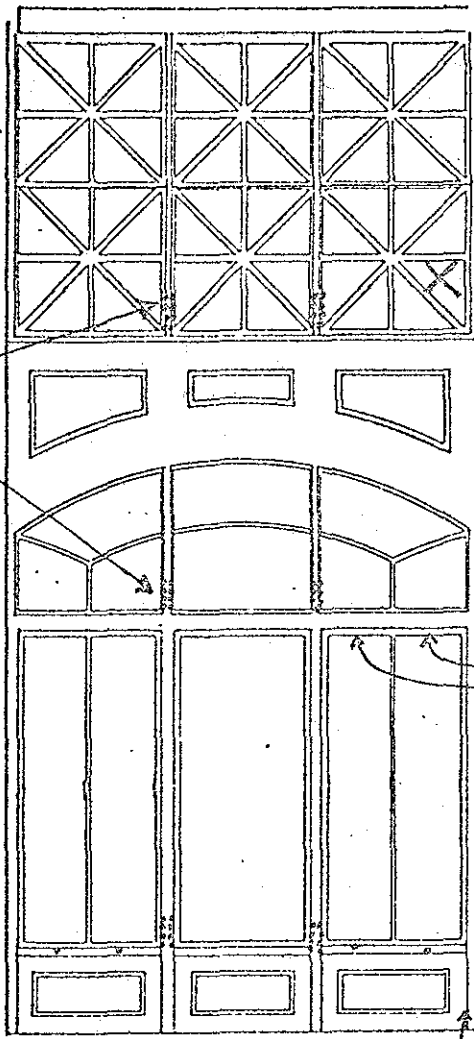
CLOSER OFF,
PARTS MISSING

CASEMENTS STIFF, CLOSING HARDWARE LOOSE

SCREENS ON INTERIOR OF CASEMENT SASH - GOOD CONDITION

C1 MAIN ARCH, BOTTOM UNIT (9)	NUMBER S114	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OPERATIONS TECHNOLOGY THE DRESBROWITZ GROUP 19 West 44th Street, New York NY 10036	

HOLES IN METAL FROM PREVIOUS ATTACHMENTS



FLASHING IN PLACE FROM CANOPY

SOME CHIPPING AT JOINTS, SOME POINTING NEEDED

STONE

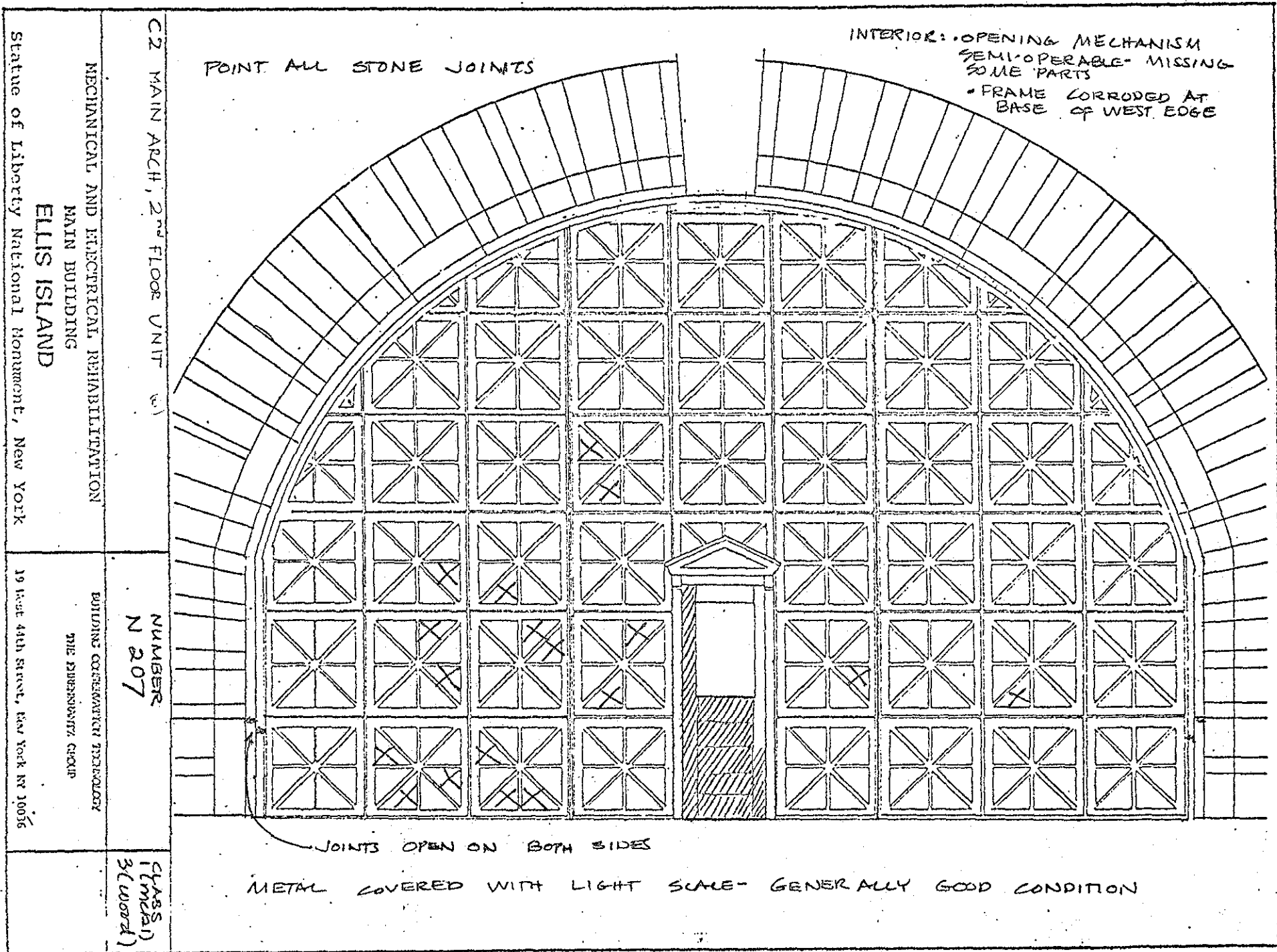
HARDWARE MISSING

JOINT OPEN

INTERIOR TRANSOM HARDWARE ALL IN PLACE - PAINTED, CORRODED, UNOPERABLE

METAL IN GOOD CONDITION, SOME LIGHT SCALE

<p>C1 MAIN ARCH, BOTTOM UNIT (4)</p>	<p>NUMBER 5115</p>	<p>CLASS 1</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York</p>	<p>BUILDING ORIENTATION TECHNOLOGY THE DRENGOSWITZ GROUP 19 West 44th Street, New York NY 10036</p>	<p></p>



REPOINT ALL STONE JOINTS

SPALLING IN SOFFIT

SPALLING IN SOFFIT

OPEN JOINT

OUTER SILL STRIP HAS PULLED AWAY, IS CORRODED.

RUST ON SILL

HOLE IN SILL

DOOR HARDWARE MISSING, HINGE PINS PULLED OFF, ALL JOINTS LOOSE

OUTER SILL STRIP PULLED AWAY

C2 MAIN ARCH, 2ND FLOOR UNIT (3)

MECHANICAL AND ELECTRICAL REHABILITATION

MAIN BUILDING

ELLIS ISLAND

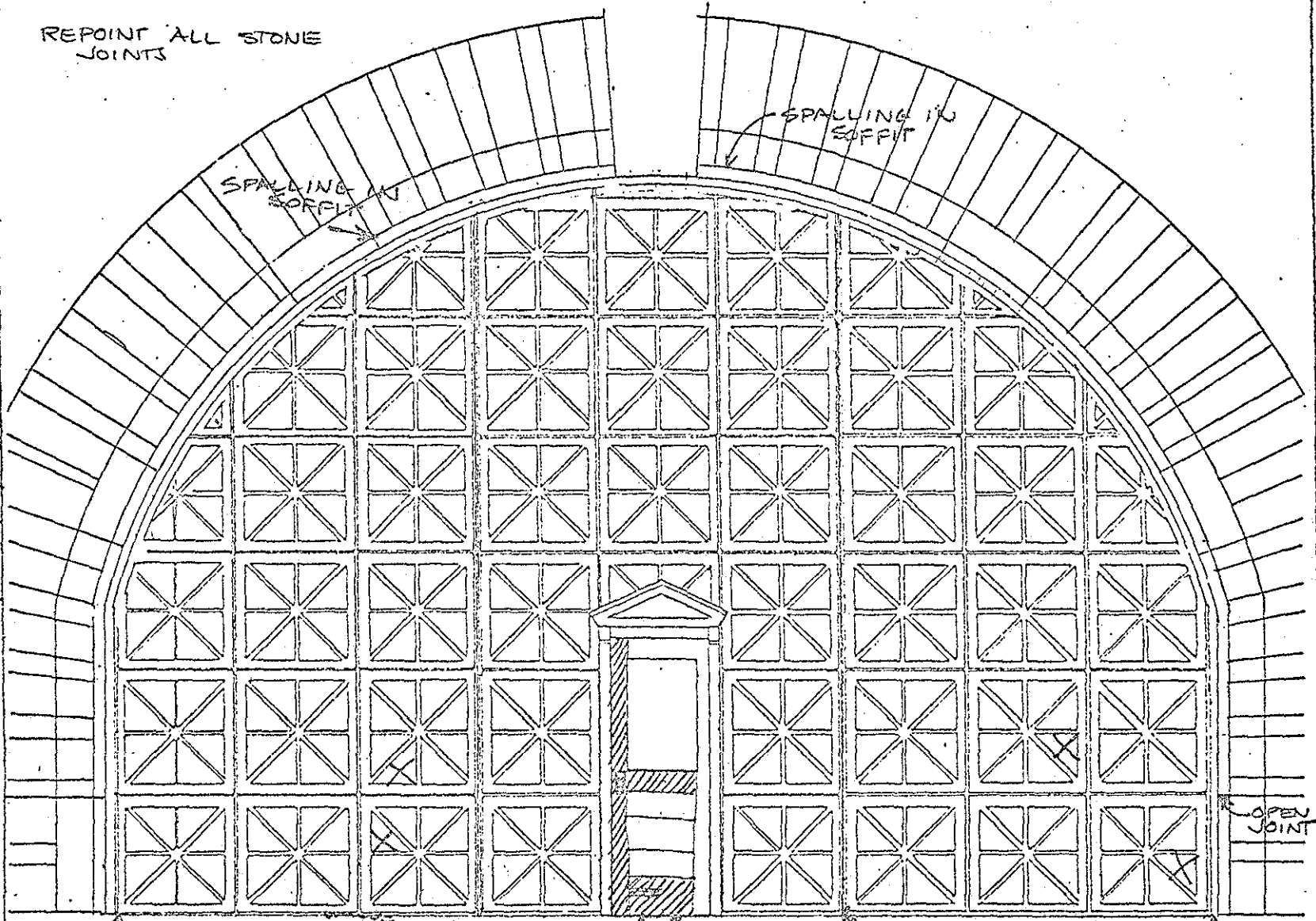
Statue of Liberty National Monument, New York

NUMBER N 208

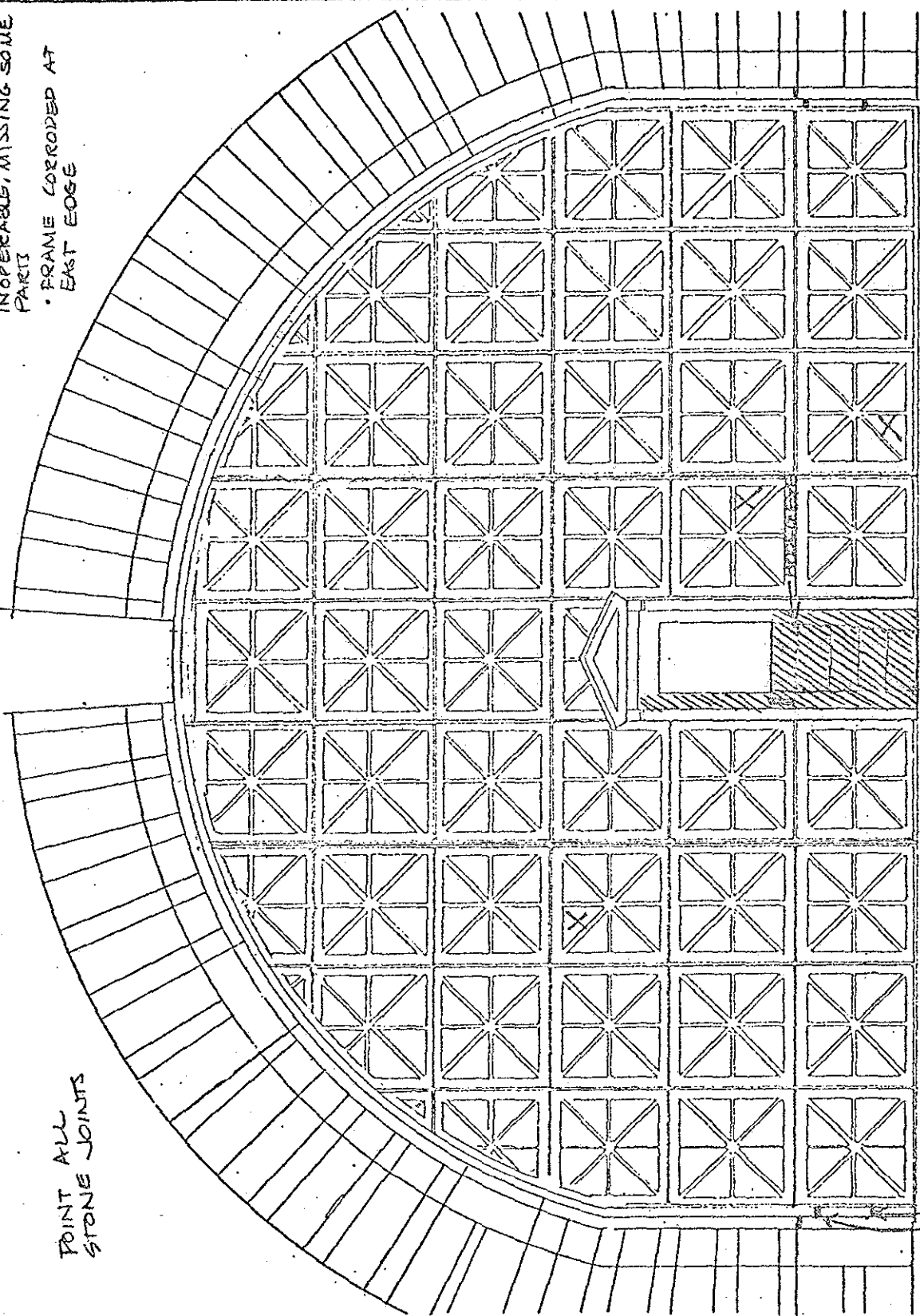
BUILDING OPERATOR: THE BUREAU OF THE DISTRICT OF COLUMBIA

CLASS (Mech) 2 (Wood)

19 West 64th Street, New York NY 10036



INTERIOR: • OPENING MECHANISM
 INOPERABLE, MISSING SOME
 PARTS
 • FRAME CORRODED AT
 EAST EDGE



POINT ALL
 STONE JOINTS

HARDWARE MISSING

IRON JOINTS OPEN
 (ALSO ON OTHER SIDE)

METAL COVERED WITH LIGHT SCALE - IN GOOD CONDITION GENERALLY

C2 MAIN ARCH, 2ND FLOOR UNIT (C)

NUMBER

N 209

CLASS
 1 (metal)
 3 (wood)

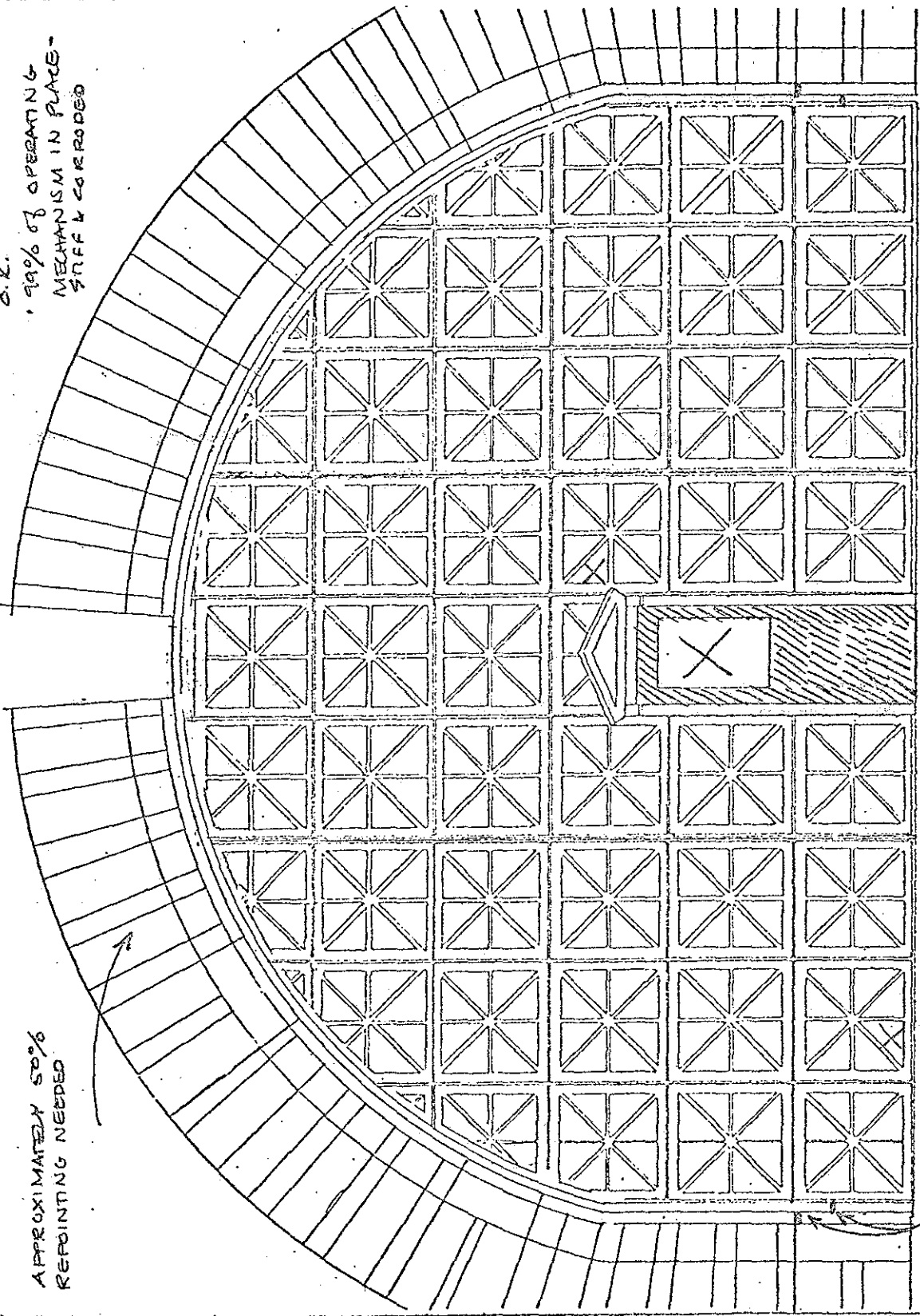
MECHANICAL AND ELECTRICAL REHABILITATION
 MAIN BUILDING
 ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
 THE FARBENKOWITZ GROUP

Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036

INTERIOR: METAL CORRODED
 C.K.
 . 99% OF OPERATING
 MECHANISM IN PLACE -
 STUFF & CORRODED

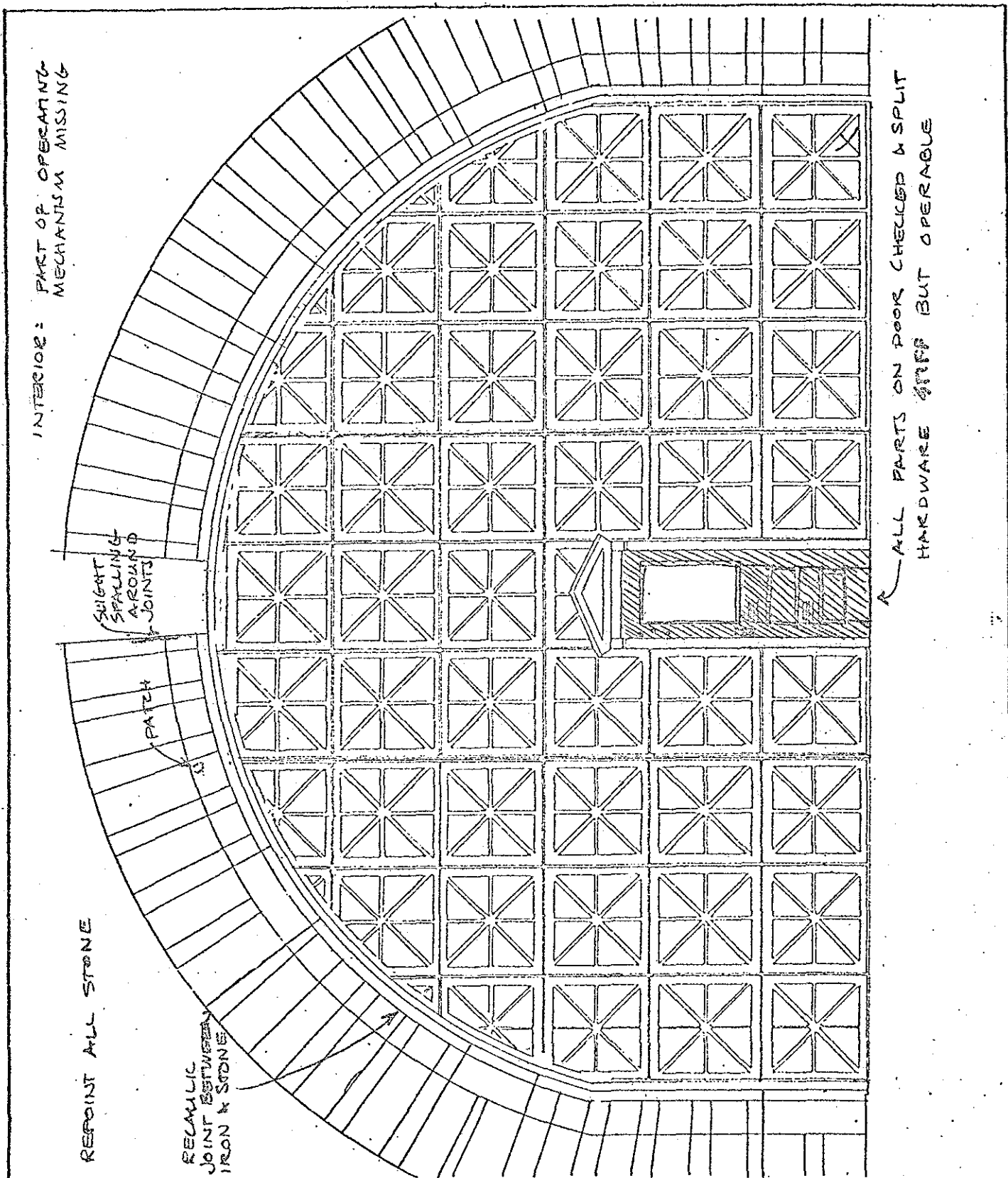


APPROXIMATELY 50%
 REPOINTING NEEDED

JOINTS OPEN

LIGHT CORROSION SCALE ON ALL PART, METAL IN GOOD CONDITION

C2 MAIN ARCH, 2 ND FLOOR UNIT	NUMBER 5208	CLASS 3(WOOD) 1(META)
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EBERHARTZ GROUP 19 East 44th Street, New York NY 10016	



C2 MAIN ARCH, 2ND FLOOR UNIT

NUMBER

5209

CLASS
1 (metal)
3 (wood)

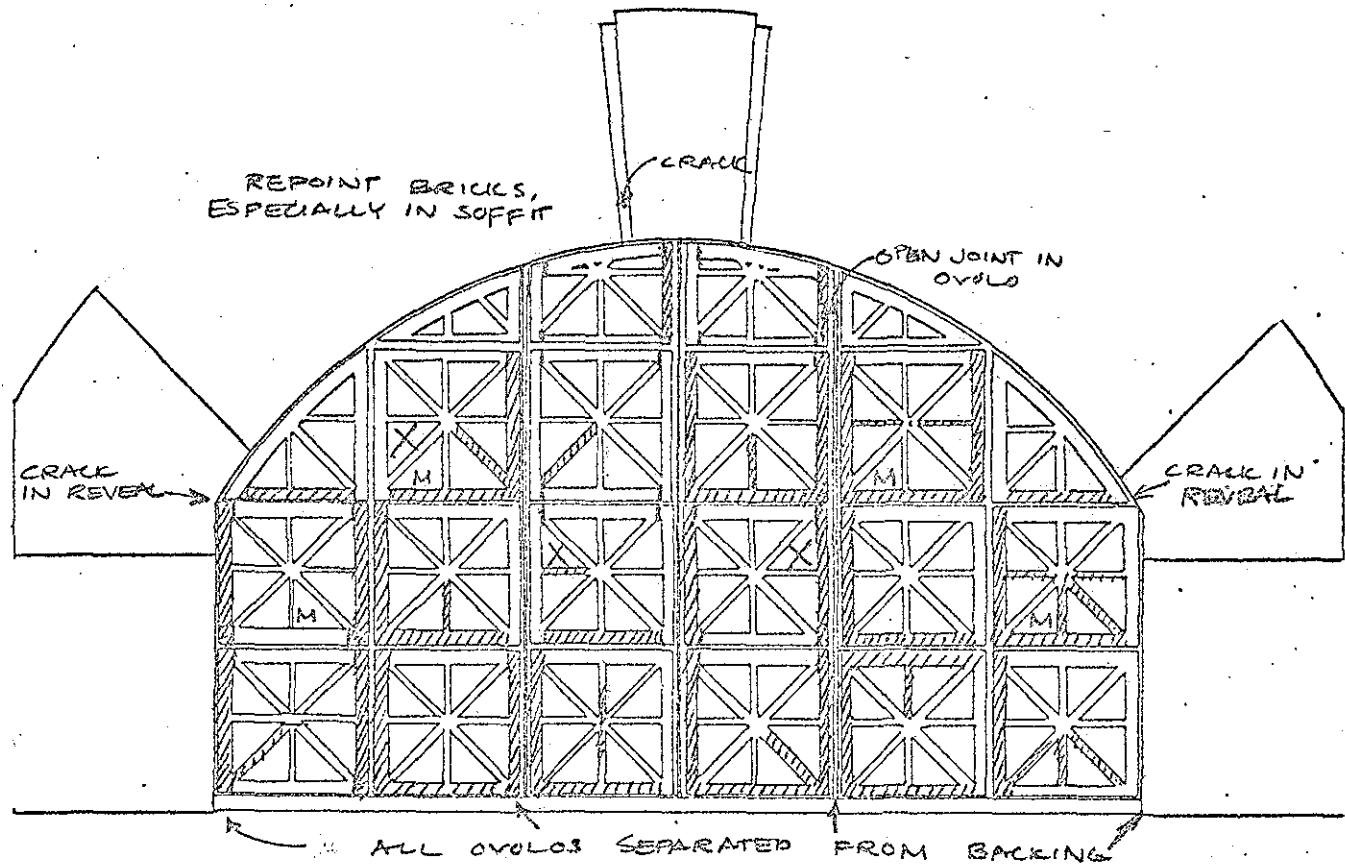
MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
THE BURENANTZ GROUP

Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036

C3 ROOF LEVEL, SOUTH & NORTH ELEVATIONS (C) MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	
BUILDING ORIGINATOR: INTERIOR THE BRESNANITZ GROUP 19 WEST 44TH STREET, NEW YORK NY 10036	NUMBER N 401
	CLASS 3



ALL MULLION JOINTS OPEN
 "M" INDICATES SASH WITH EXTERIOR MOULDINGS FOR GLAZING - ALL ARE LOOSE

C3 ROOF LEVEL, SOUTH & NORTH ELEVATIONS (C)

MECHANICAL AND ELECTRICAL REHABILITATION
 MAIN BUILDING
 ELLIS ISLAND

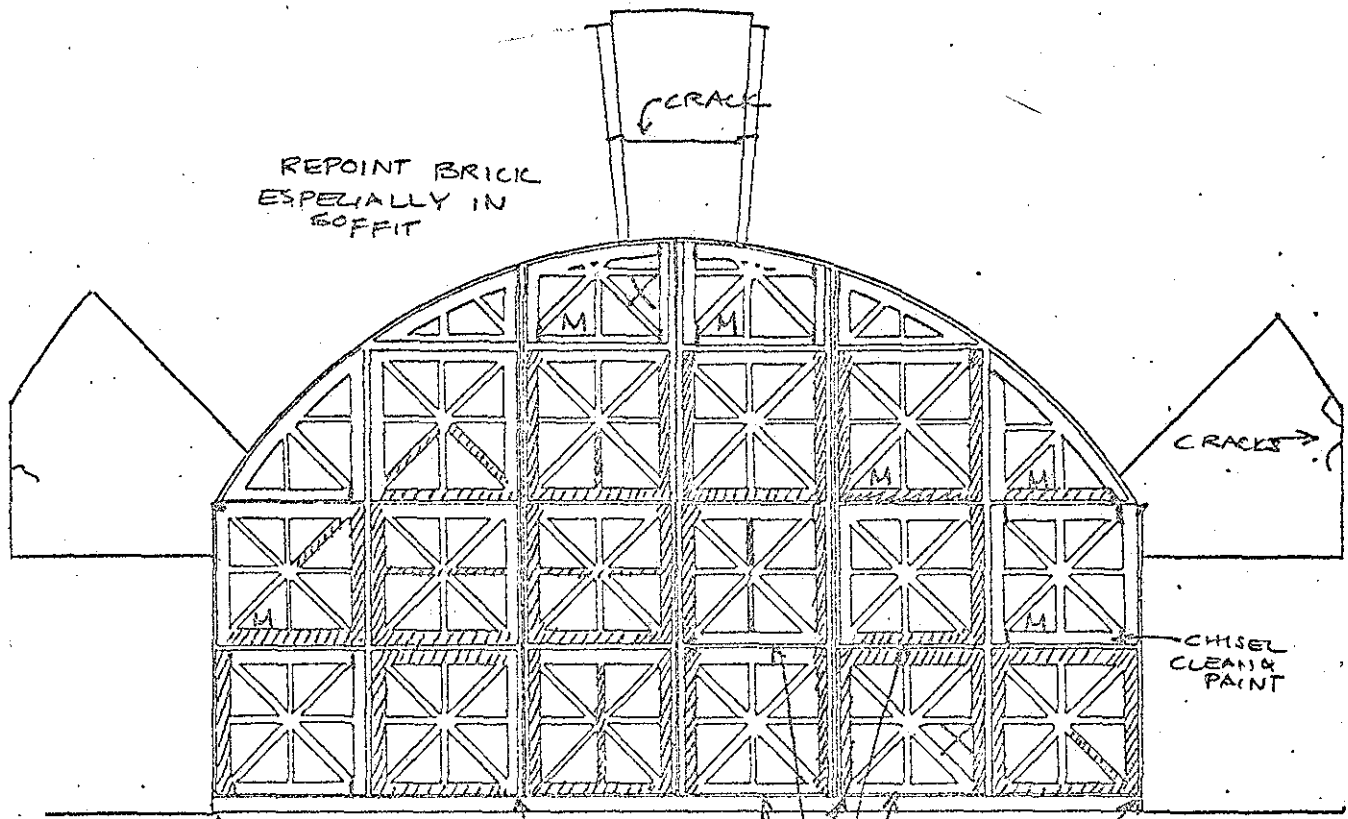
Statue of Liberty National Monument, New York

NUMBER
 N 402

BUILDING OPERATIONS TECHNOLOGY
 THE PRESERVATION GROUP

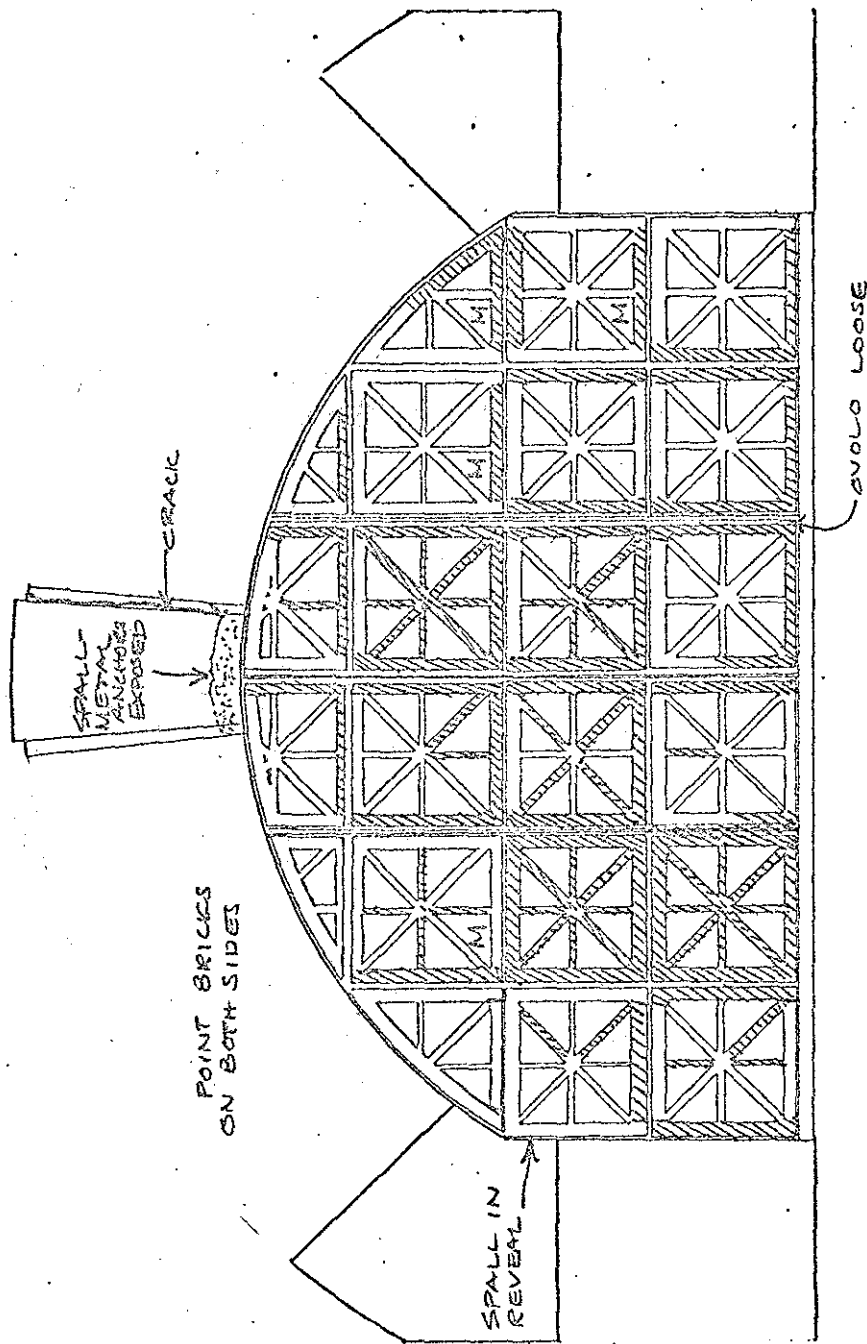
19 West 44th Street, New York NY 10016

CLASS
 B



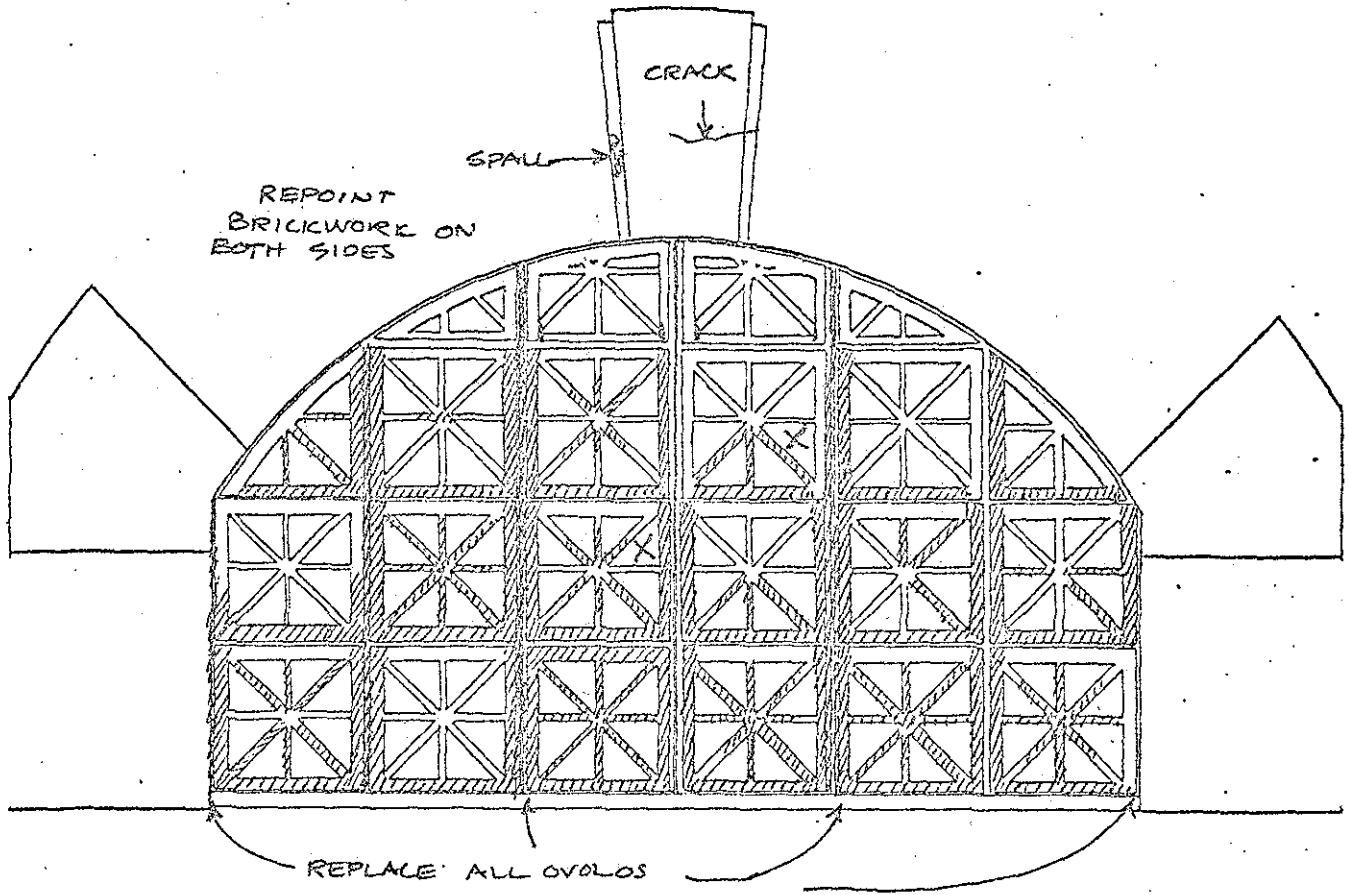
ALL MULLION JOINTS ARE OPEN

'M' INDICATES WINDOW WITH MOULDING INSTEAD OF PUTTY - ALL ARE LOOSE



ALL WOOD JOINTS OPEN
 "M" INDICATES WINDOW WITH MOUNDINGS INSTEAD OF GLAZ. PUTTY - ALL ARE LOOSE

C3 ROOF LEVEL, SOUTH & NORTH ELEVATIONS (C)	NUMBER N 403	CLASS 3 Wood
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND	BUILDING CONSERVATION TECHNOLOGY THE FIBERKAWITZ GROUP	2 stone
Statue of Liberty National Monument, New York	19 West 44th Street, New York NY 10036	



C3 ROOF LEVER, SOUTH & NORTH ELEVATIONS (C)

NUMBER
5401

CLASS
3

MECHANICAL AND ELECTRICAL REHABILITATION

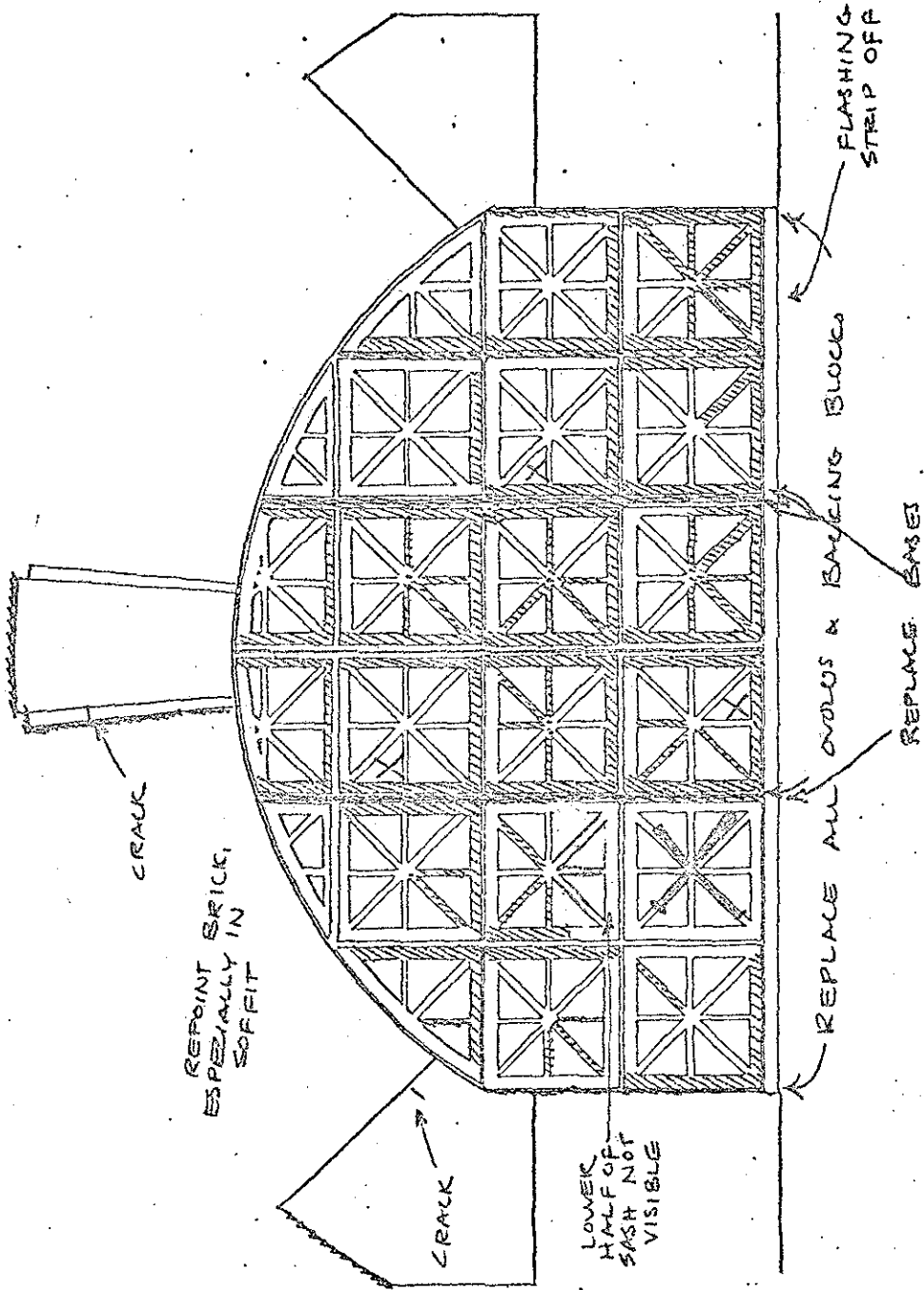
MAIN BUILDING

ELLIS ISLAND

Statue of Liberty National Monument, New York

BUILDING CONSERVATION TECHNOLOGY
THE PRESERVATION GROUP

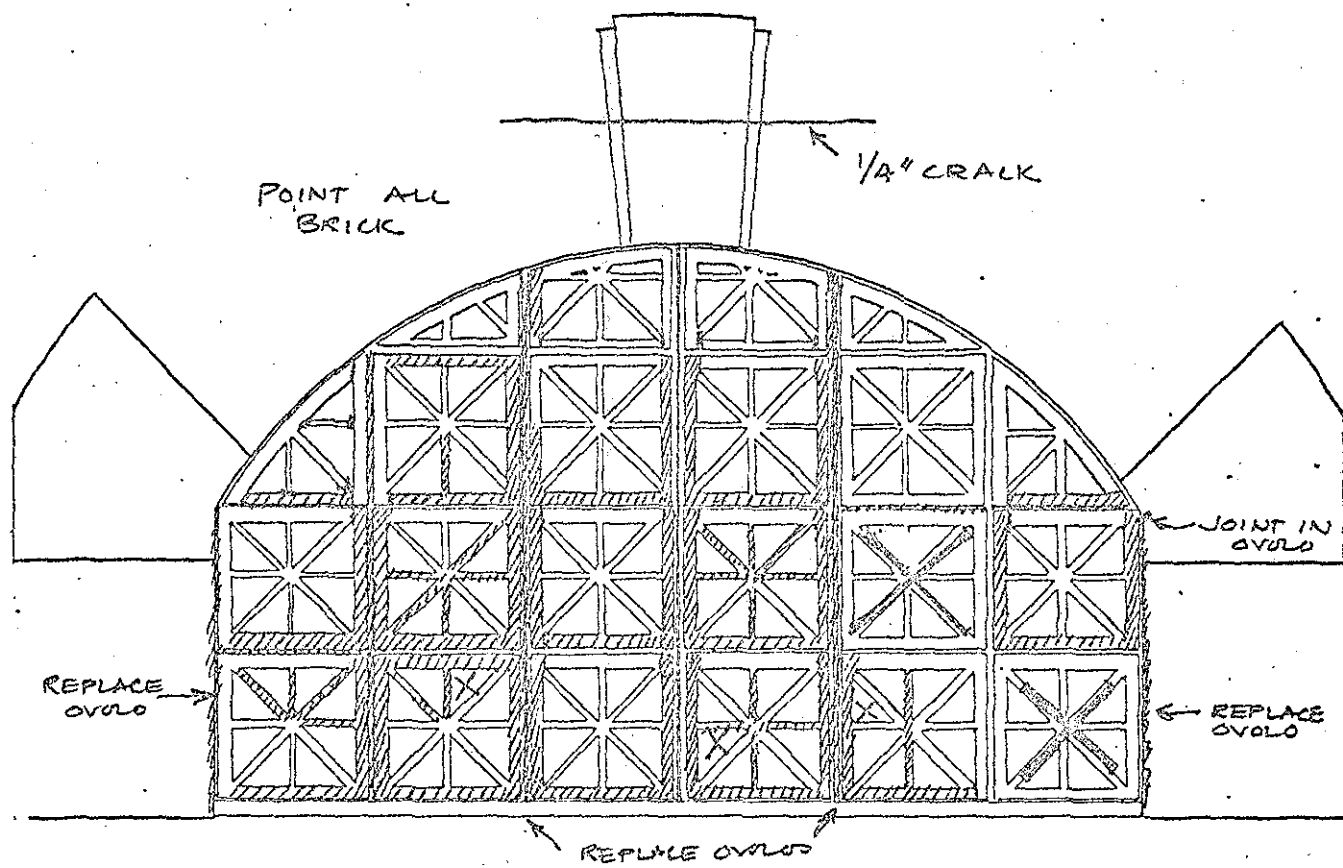
19 West 41st Street, New York NY 10018



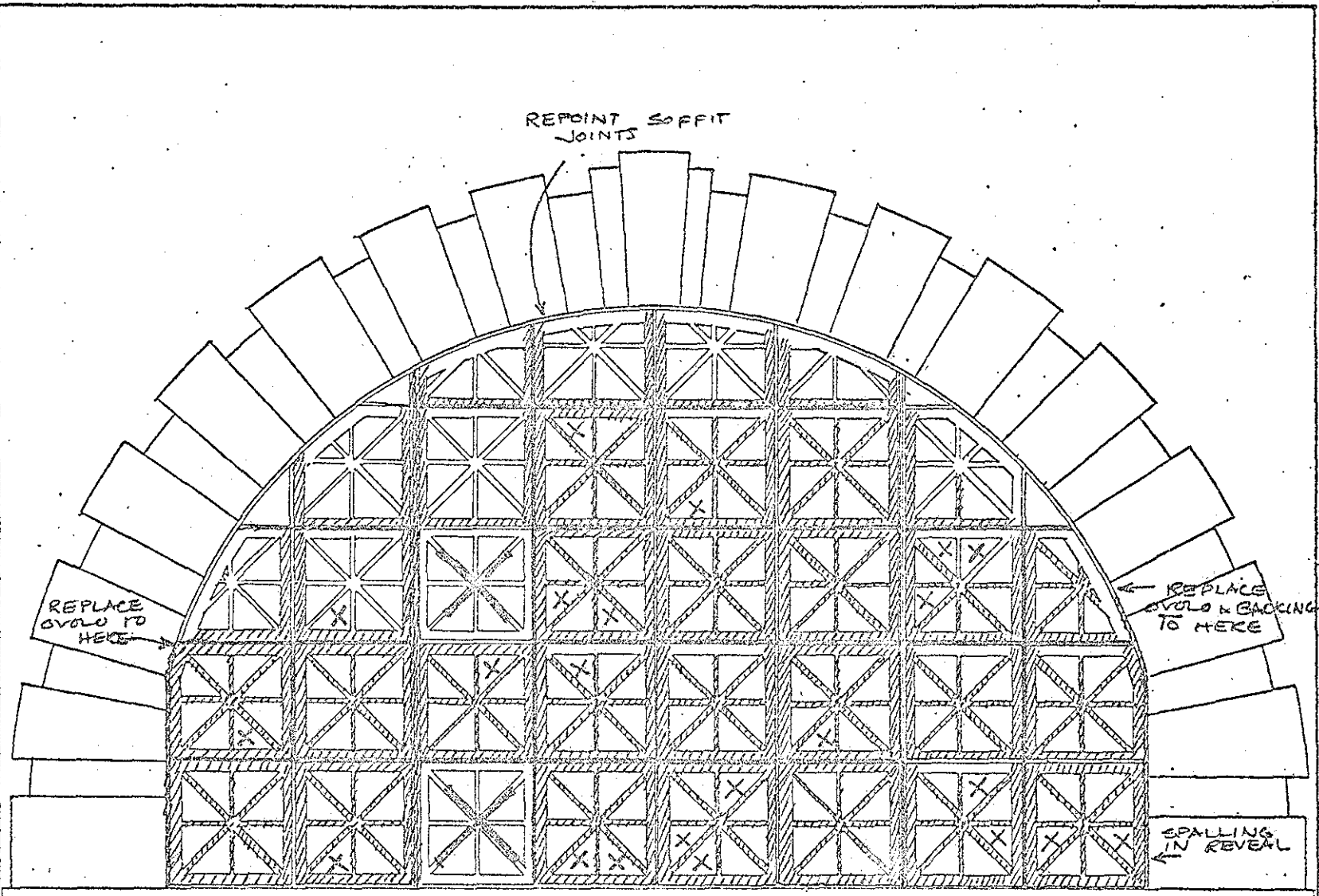
ALL MUNTIN JOINTS OPEN
FLASHING DENTED, NAILS ATTACHING IT TO WINDOW FRAMES HAVE PULLED

C3 ROOF LEVER, SOUTH & NORTH ELEVATIONS (2)	NUMBER S402	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE FITENBERG GROUP 19 West 44th Street, New York NY 10036	

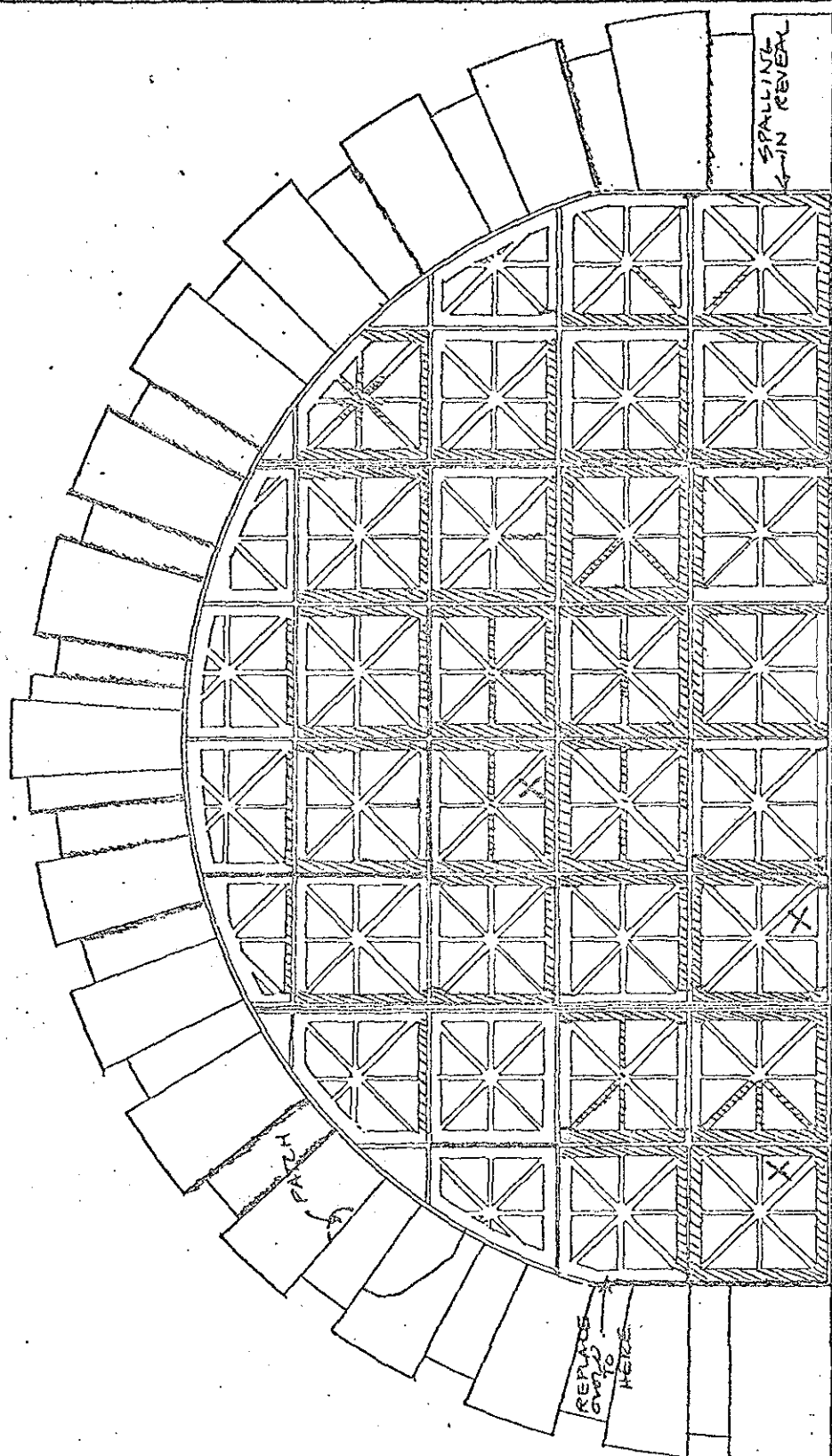
<p>C3 ROOF LEVER, SOUTH & NORTH ELEVATIONS (C)</p> <p>MECHANICAL AND ELECTRICAL REHABILITATION</p> <p>MAIN BUILDING</p> <p>ELLIS ISLAND</p> <p>Statue of Liberty National Monument, New York</p>	<p>NUMBER</p> <p>5403</p> <p>BUILDING CONSERVATION TRUSTEES</p> <p>THE BRONX GROUP</p>	<p>CLASS</p> <p>3</p>
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ALL MUNTIN JOINTS OPEN

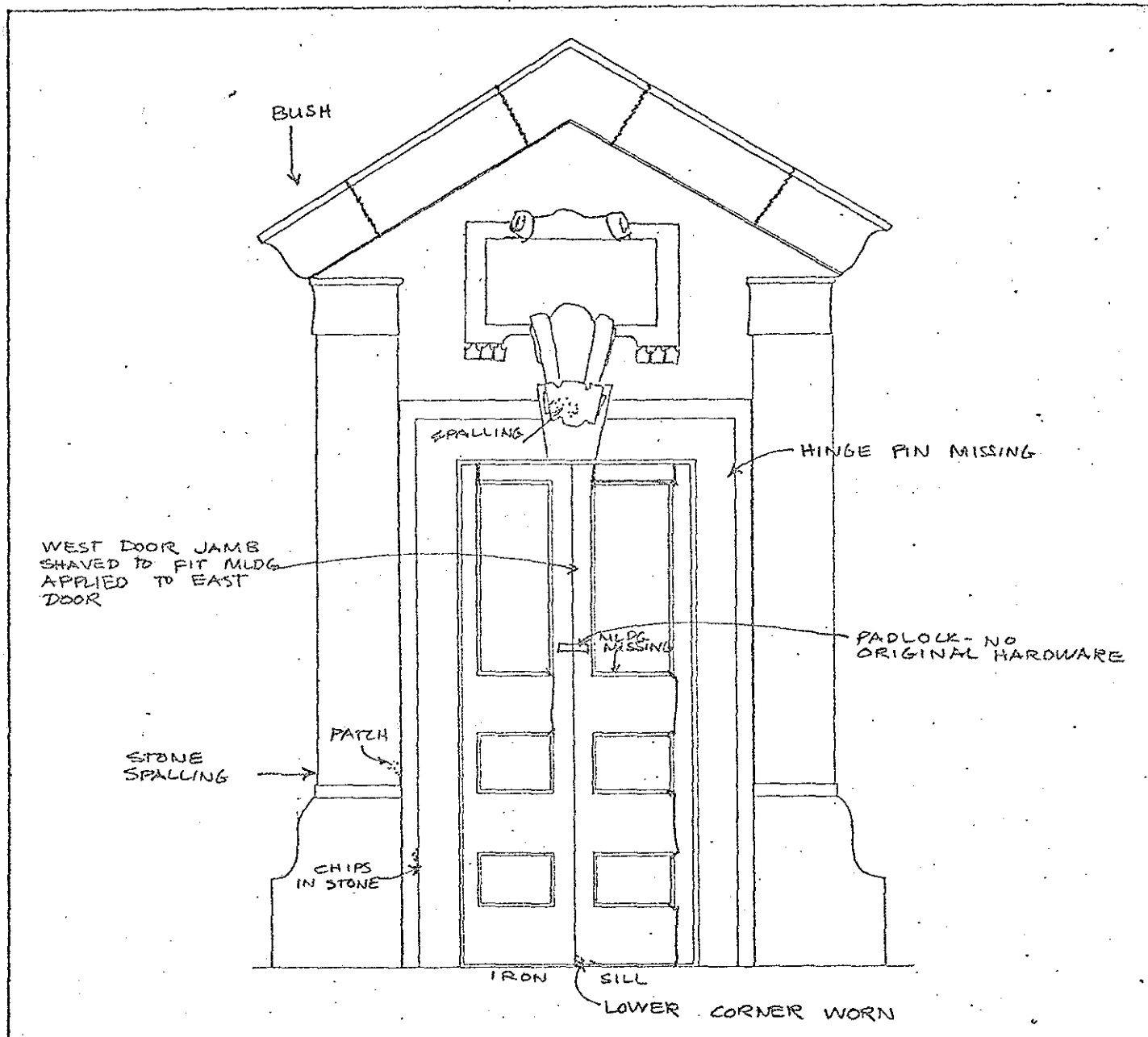


C4 ROOF LEVEL, EAST & WEST ELEVATIONS (2)	NUMBER E 401	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVER'S HISTORY THE BERSHANSKY GROUP 19 East 44th Street, New York NY 10016	



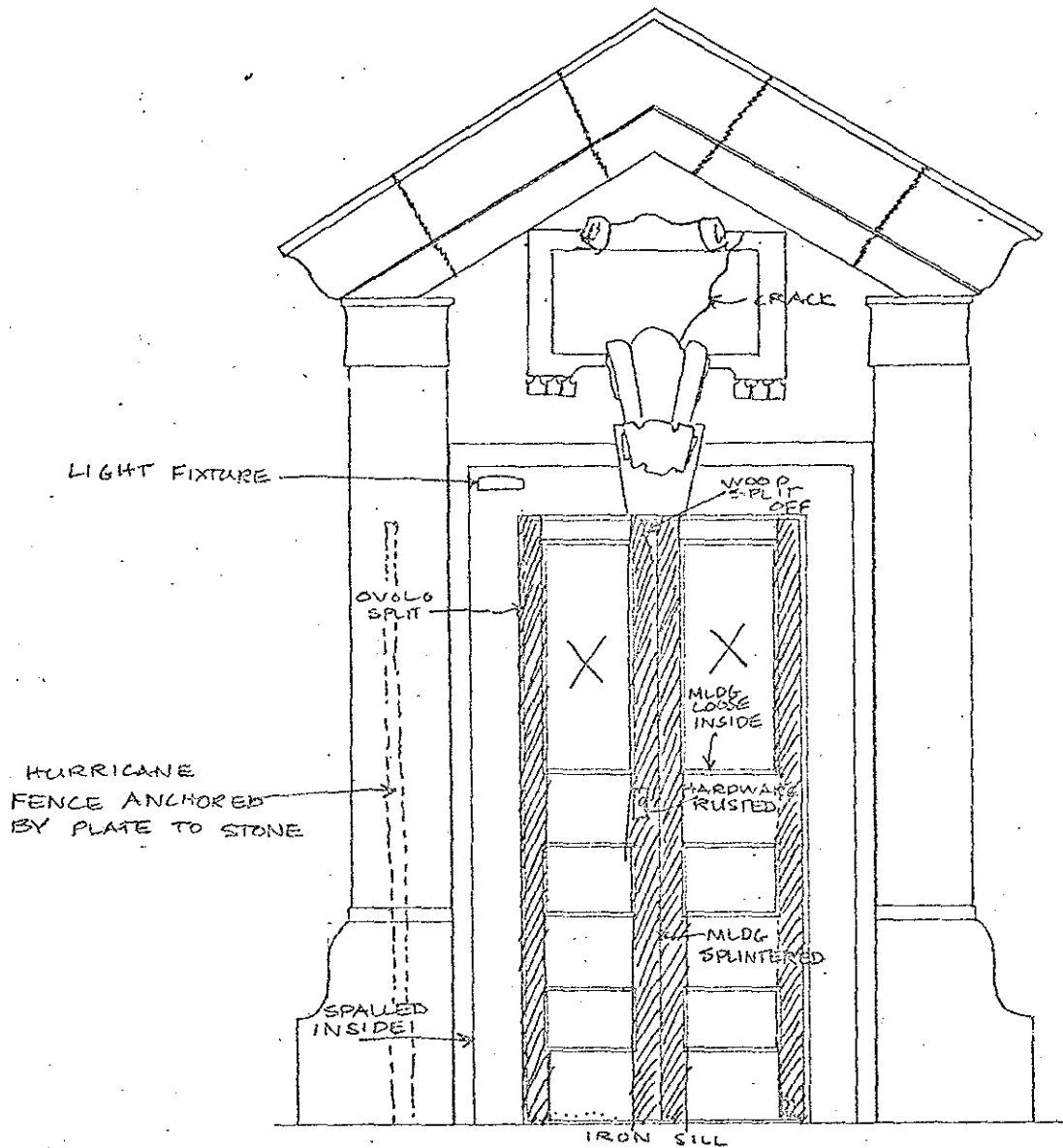
JOINTS IN WOOD GENERALLY OPEN

C4 ROOF LEVEL, EAST & WEST ELEVATIONS (2)	NUMBER W 401	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OPERATING TECHNOLOGY THE FURBERMANZ GROUP 19 West 44th Street, New York NY 10036	



INTERIOR - DOOR CLOSER, WEST SIDE, RUSTED & NOT FUNCTIONAL -
 ↳ DOOR WILL NOT CLOSE

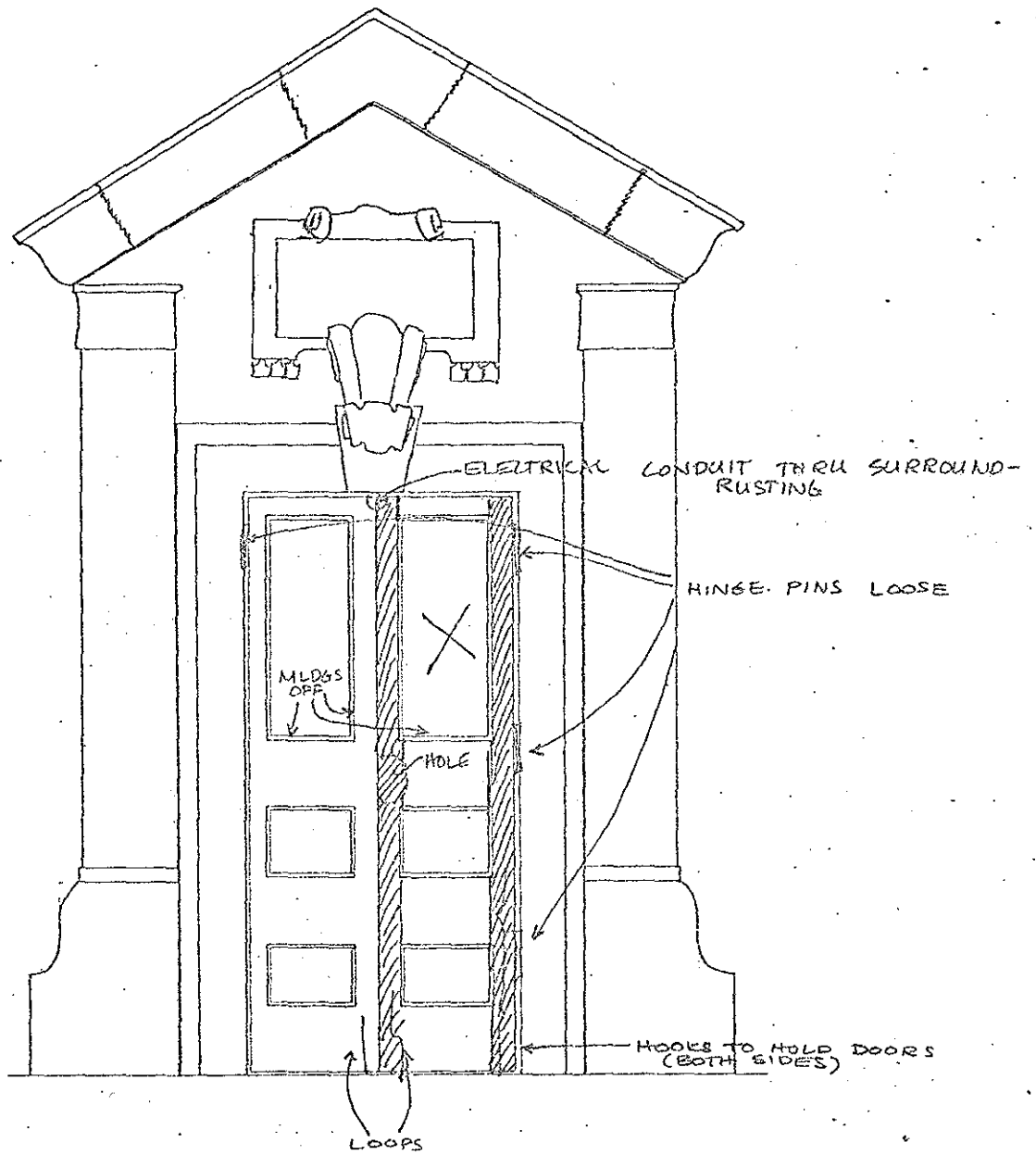
TOWER ENTRANCE	NUMBER SET-101	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE PRESERVATION GROUP 19 West 44th Street, New York NY 10036	



- INTERIOR:
- 4" MISSING IN UPPER CORNER, EAST SIDE, WHERE SURROUND CUT AWAY FOR ELECTRICAL CONDUIT
 - RUSTY IRON CLOSER, EAST SIDE
 - BOTTOM 1" OF ALL FRAME ROTTED
 - SURROUND MLDG EAST SIDE LOOSE.

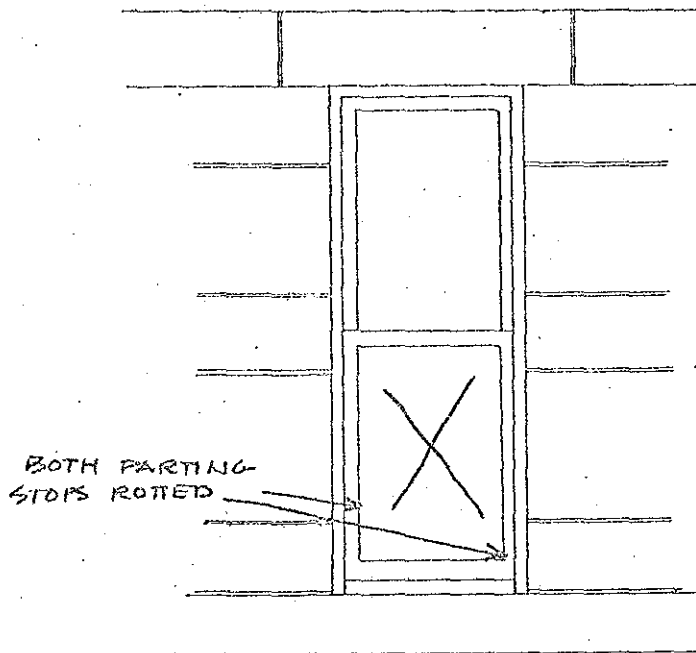
WILL NOT CLOSE BECAUSE PIN THRU LEFT DOOR FROZEN IN PLACE & IRON STRIP INSIDE RIGHT DOOR PREVENTS FROM CLOSING.

TOWER ENTRANCE	NUMBER NET-101	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE PRESERVE GROUP 19 West 44th Street, New York NY 10036	



INTERIOR - NOT ACCESSIBLE - DOOR NAILED SHUT

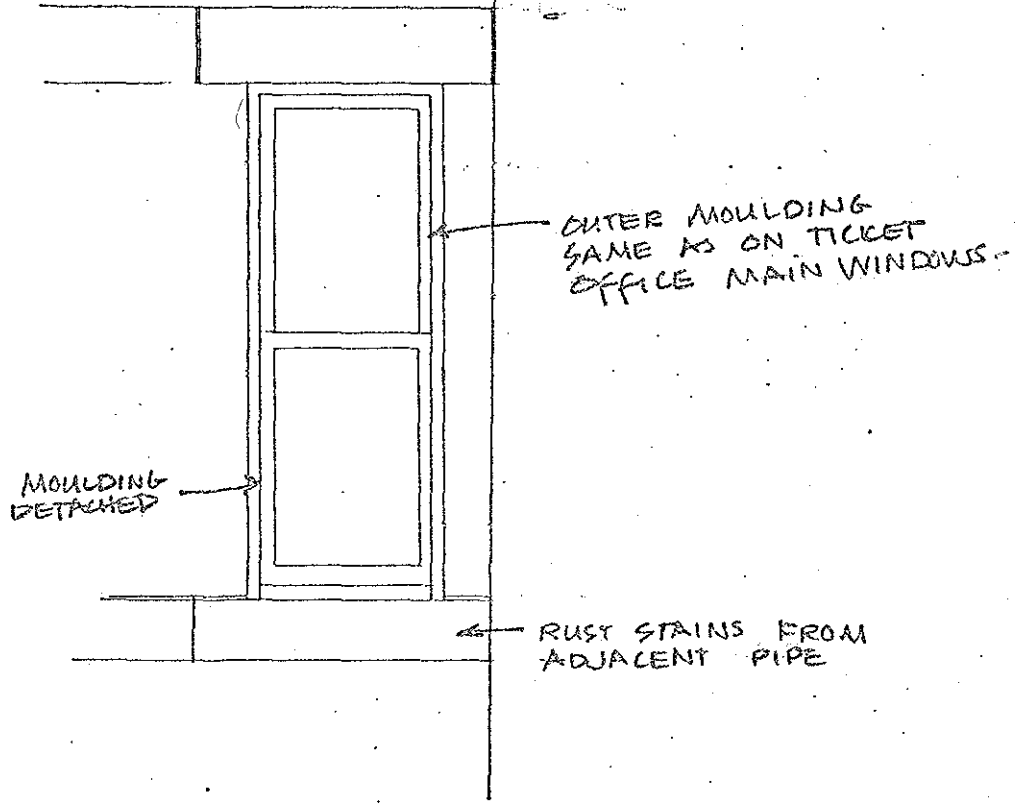
<p>D TOWER ENTRANCE</p>	<p>NUMBER SWT-101</p>	<p>CLASS 2</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York</p>	<p>BUILDING OBSERVATION TECHNOLOGY THE FIREARMS GROUP 19 West 45th Street, New York NY 10036</p>	



INTERIOR - 1" WORN SPOT ON BOTTOM RAIL
 TOP OF FRAME NOT VISIBLE

GRILL BOLTED INTO FRAME
 SCREEN - POOR CONDITION.

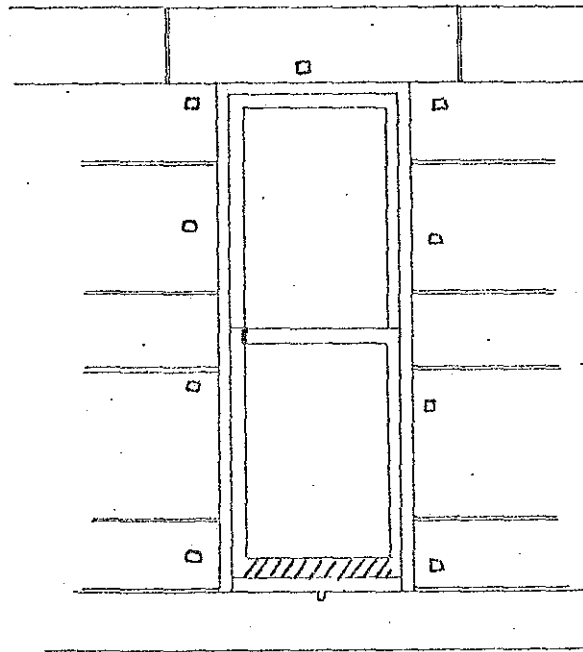
EL BATHROOM WINDOW NEXT TO TOWER	NUMBER N107	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EBRENKREWITZ GROUP 19 West 44th Street, New York NY 10036	



EXTERIOR INACCESSIBLE - WINDOW NAILED SHUT

GRILL - GOOD CONDITION

E1 BATHROOM, FIRST FLOOR, NEXT TO TOWER (4)	NUMBER N108	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING PRESERVATION TECHNOLOGY THE EIBENKANTZ GROUP 19 West 44th Street, New York NY 10036	

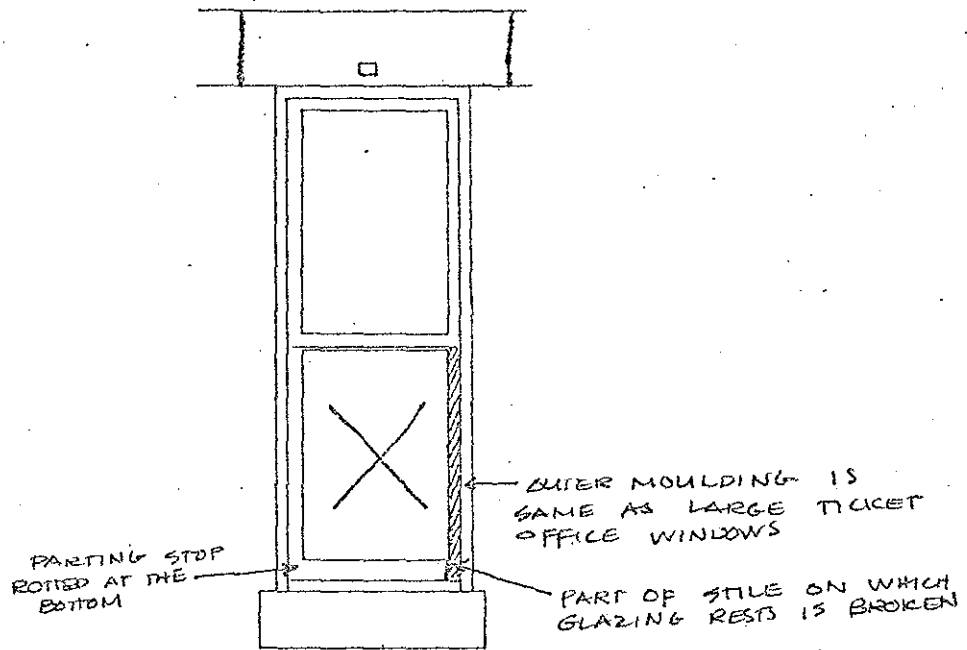


NOTE: THERE SHOULD BE 3 WIDE BLOCKS, 2 NARROW ONES IN THE SURROUND (NOT VICE VERSA)

INTERIOR: REPLACE SILL STRIP THAT SASH RESTS ON

METAL GRATING - RUSTED

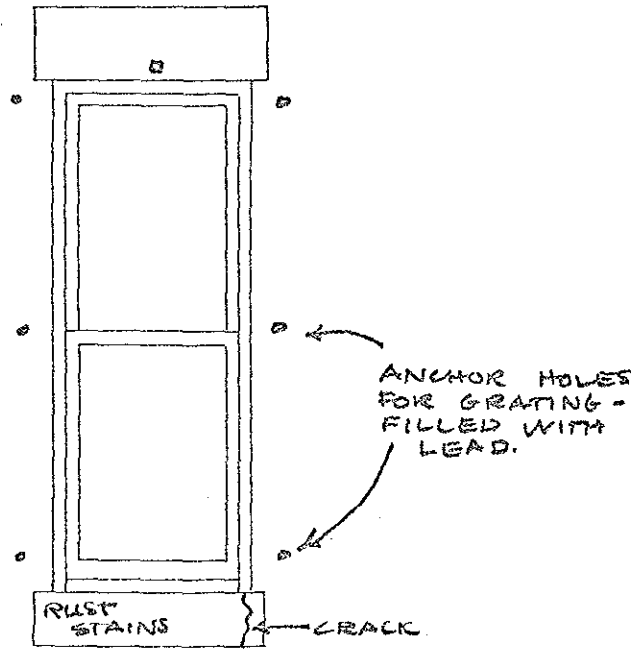
E1 BATHROOM WINDOW NEXT TO TOWLER	NUMBER N118	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE HERSHKOWITZ GROUP 19 West 44th Street, New York NY 10036	



INTERIOR: HOLES IN INNER EDGE OF STOOL

GRILL

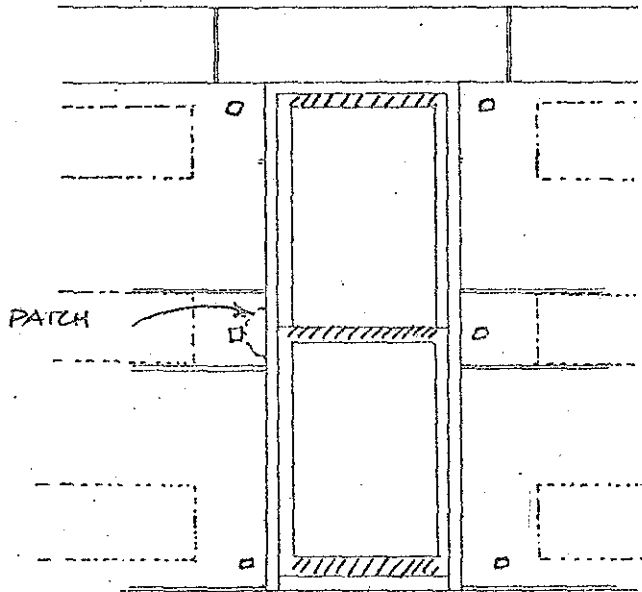
E4 BATHROOM	NUMBER N124	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EHRENKRANTZ GROUP 19 West 44th Street, New York NY 10036	



SCREEN ON LOWER SASH

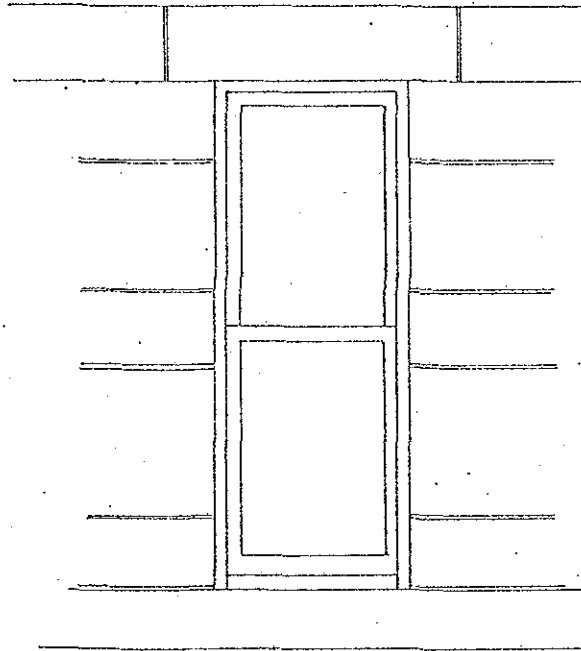
GRATING REMOVED

E2 BATHROOM, FIRST FLOOR (C)	NUMBER E102	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE DIERCKWITZ GROUP 19 West 44th Street, New York NY 10036	DWG NO.



GRILL

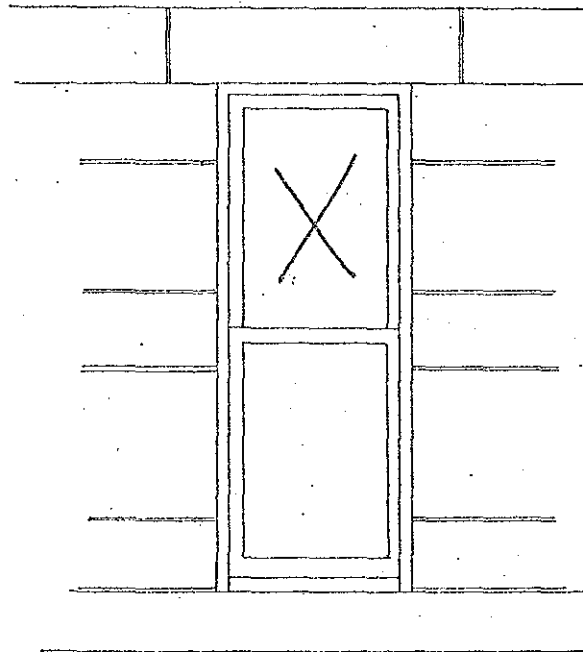
E1 - BATHROOM WINDOW NEXT TO TOWER	NUMBER E110	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE HRENKOVITZ GROUP 19 West 44th Street, New York NY 10036	



INTERIOR: MLDGS ON HEAD OF WINDOW DAMAGED
BUT O.K.

IRON GRATING RUSTY

ER BATHROOM WINDOW NEXT TO TOWER	NUMBER S106	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EBREKHAUWIZ GROUP 19 East 44th Street, New York NY 10036	

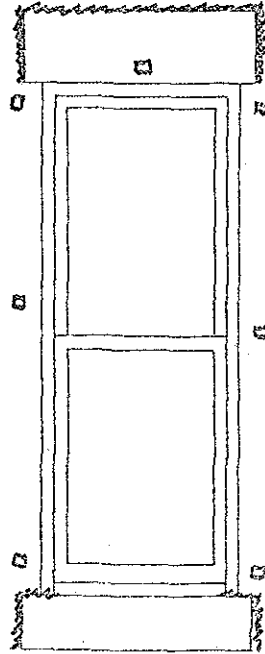


LOWER SASH STUCK OPEN

IRON GRATING

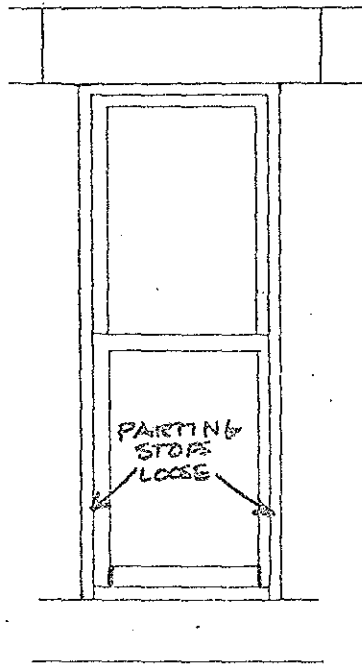
SCREENS ON LOWER HALF - FAIR CONDITION

E1 BATHROOM WINDOW NEXT TO TOWER	NUMBER S115	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EINHORNWITZ GROUP 19 West 44th Street, New York NY 10036	



GRATING REMOVED
 SCREEN OVER LOWER SASH - POOR CONDITION

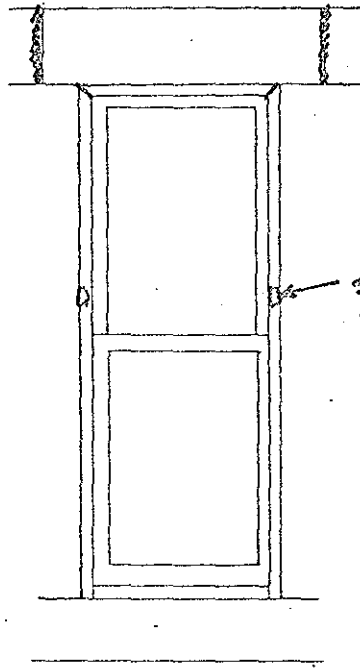
E2 BATHROOM, FIRST FLOOR (E)	NUMBER S120	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EHRENKRANTZ GROUP 19 West 44th Street, New York NY 10036	DWG NO.



INTERIOR: 1/2" STEEL LINTEL EXPOSED & RUSTY

NO GRILL

E3 BATHROOM, 2 ND FLOOR, NEXT TO TOWER	NUMBER: N 206	CLASS: 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EBERHARTZ GROUP 19 West 44th Street, New York NY 10036	DWG NO.

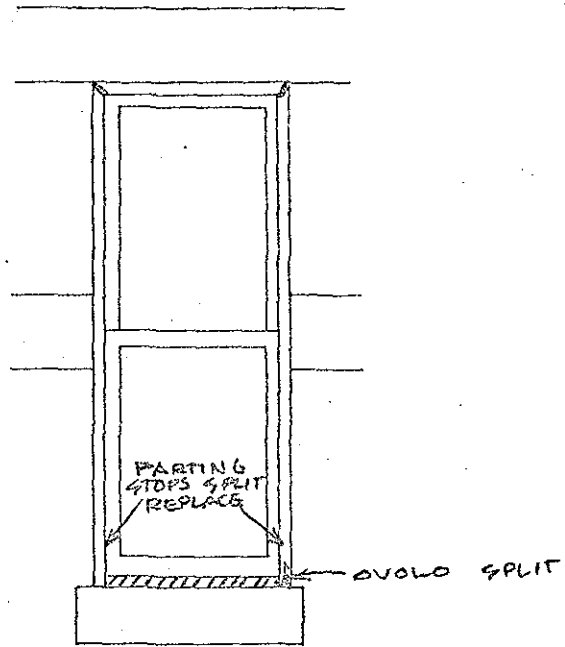


SAME HARDWARE
IS ON 3RD FLOOR

INTERIOR: NOT ACCESSIBLE

GRILL

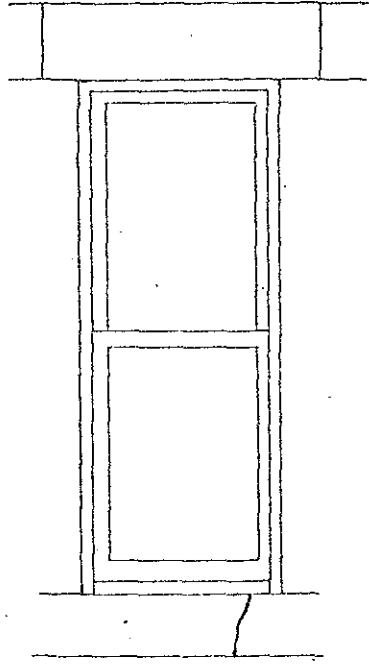
<p>E3 BATHROOM, 2ND FLOOR, NEXT TO TOWER</p>	<p>NUMBER N210</p>	<p>CLASS 1</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York</p>	<p>BUILDING CONSERVATION TECHNOLOGY THE EHRENKRANTZ GROUP 29 West 44th Street, New York NY 10036</p>	<p>DWG NO.</p>



SASH WILL NOT OPEN

NO GRILL

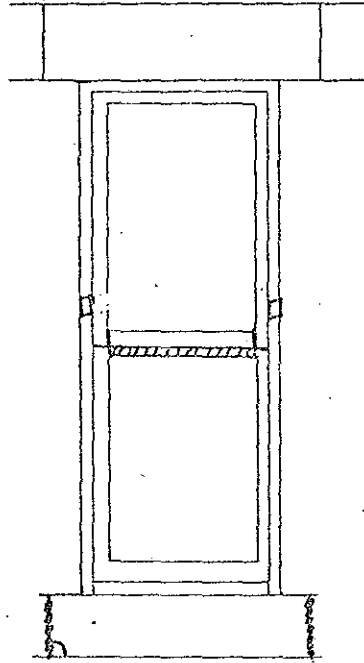
E4 BATHROOM, EAST WING (1)	NUMBER E202	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EHRENKRANZ GROUP 19 West 44th Street, New York NY 10036	



WILL NOT OPEN

GRILL

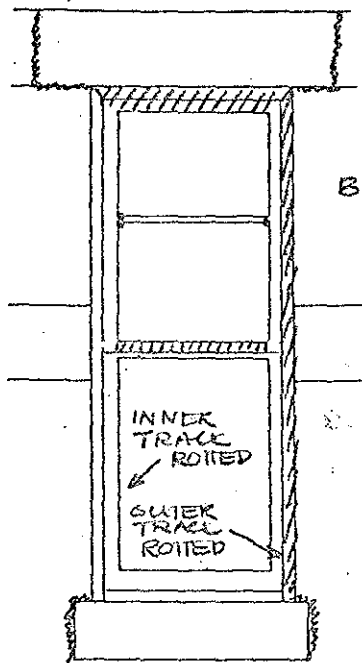
E3 BATHROOM, 2 ND FLOOR, NEXT TO TOWER	NUMBER S 206	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE BIRNBAUM GROUP 19 West 44th Street, New York NY 10036	DWG NO.



WILL NOT OPEN

NO GRILL

E3 BATHROOM, 2 ND FLOOR, NEXT TO TOWER (A)	NUMBER 5210	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE DEPENJANTZ GROUP 19 West 44th Street, New York NY 10036	DWG NO.



BRICKS LOOSE,
JOINTS OPEN

INNER
TRAIL
ROTTED

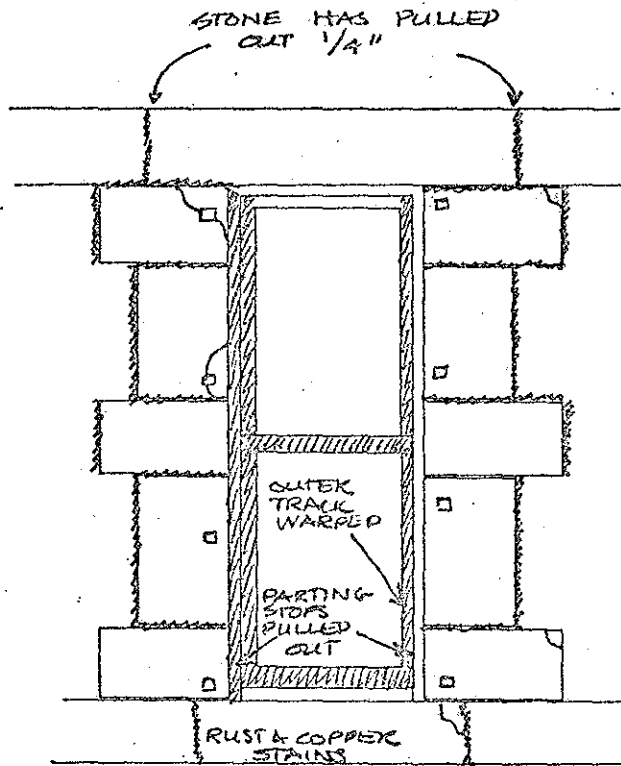
OUTER
TRAIL
ROTTED

INTERIOR: • ALL MOULDINGS LOOSE, JOINTS OPEN
• SOFFIT OF HEAD & TOP RAIL ROTTED

GRILL REMOVED

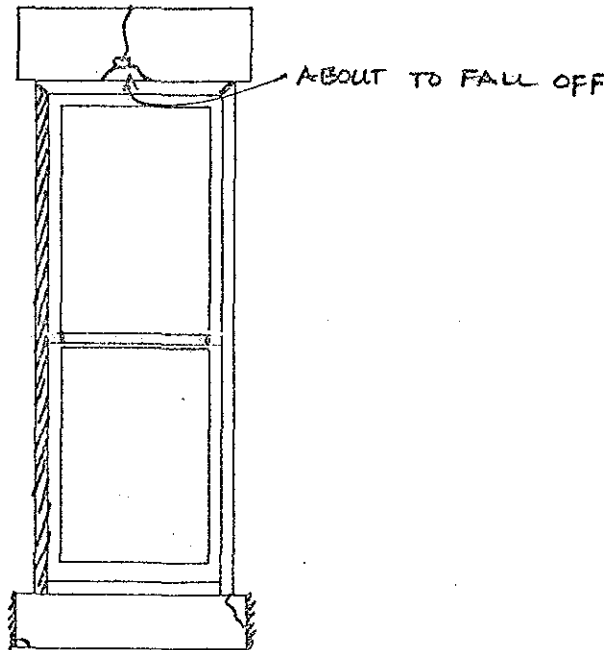
SCREEN OVER LOWER SASH - FAIR CONDITION

E6 LIGHT COURTS (4)	NUMBER NEL - 301	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EBENKRANTZ GROUP 19 West 44th Street, New York NY 10036	



GRILL
HAS METAL TRACKS BUT NO SCREENS

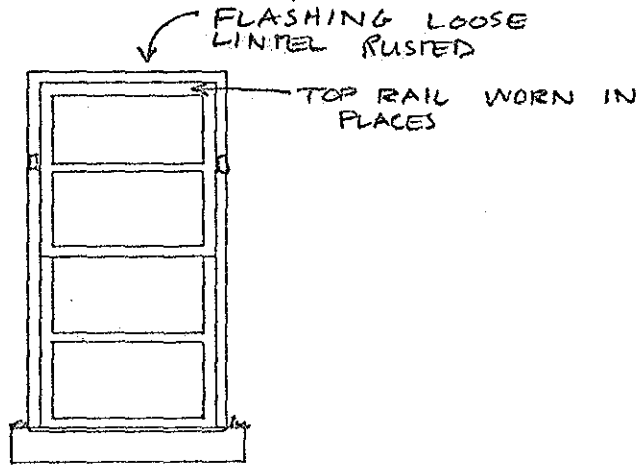
E7 THIRD FLOOR, BATHROOM, EAST WING (1)	NUMBER E302	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EBERKRAWITZ GROUP 19 West 44th Street, New York NY 10036	



GRILL

SCREEN OVER LOWER SASH - POOR CONDITION

E2 BATHROOM, FIRST FLOOR (2)	NUMBER NEL - 308	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EIRENKRAVITZ GROUP 19 West 44th Street, New York NY 10036	

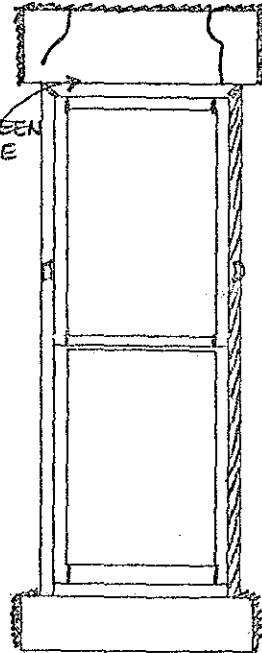


WILL NOT OPEN - UNABLE TO EXAMINE SILL OR
EXTERIOR TRIM

NO GRILL
NO SCREENS

ES S-E LIGHT COURT, BATHROOM (1)	NUMBER SEL-206	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EBRENKRANTZ GROUP 19 West 44th Street, New York NY 10036	

GAP BETWEEN
OVOLU & STONE



INTERIOR: MARBLE STOOL CRACKED

GRILL

SCREEN ON LOWER SASH - POOR CONDITION

E2 BATHROOM, FIRST FLOOR (2)

NUMBER

SEL-306

CLASS

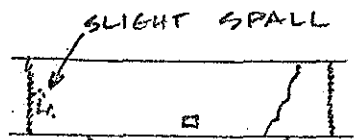
1

MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

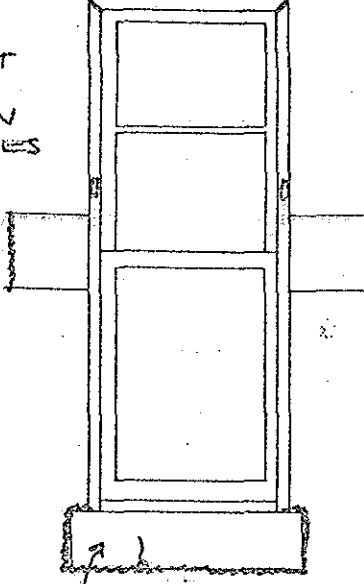
Statue of Liberty National Monument, New York

BUILDING CONSERVATION TECHNOLOGY
THE EPENKRANTZ GROUP

19 West 44th Street, New York NY 10036



REPOINT
& REPAIR
BRICK ON
BOTH SIDES



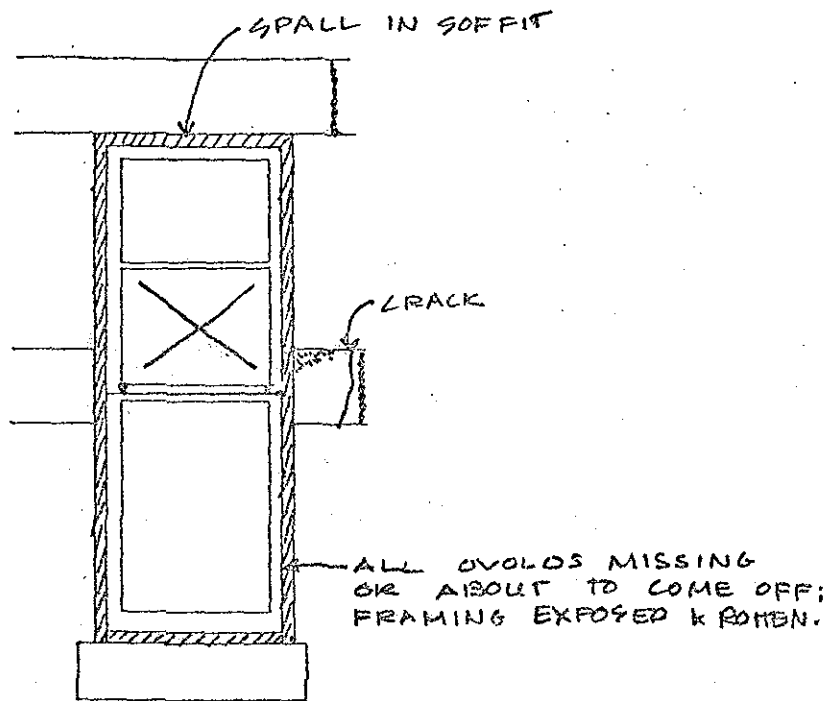
HEAVY RUST STAINS

SASH WILL NOT OPEN - UNABLE TO EXAMINE EXTERIOR

GRILL

SCREEN ON LOWER SASH

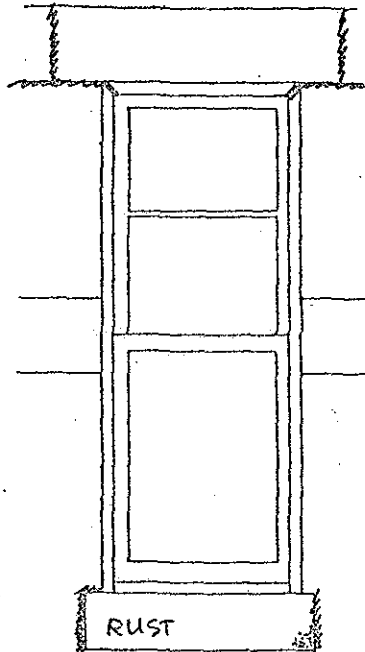
EG LIGHT COURTS (4)	E. NUMBER SEL-311	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EIRENKRANTZ GROUP 19 West 44th Street, New York NY 10036	



INTERIOR: LINTEL RUSTED

GRILL REMOVED, SLEEVES STILL IN PLACE, BRICK SPALLING AROUND THEM.

E6 LIGHT COURTS (4)	NUMBER SWL - 306	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE DRENGOWITZ GROUP 19 West 44th Street, New York NY 10036	



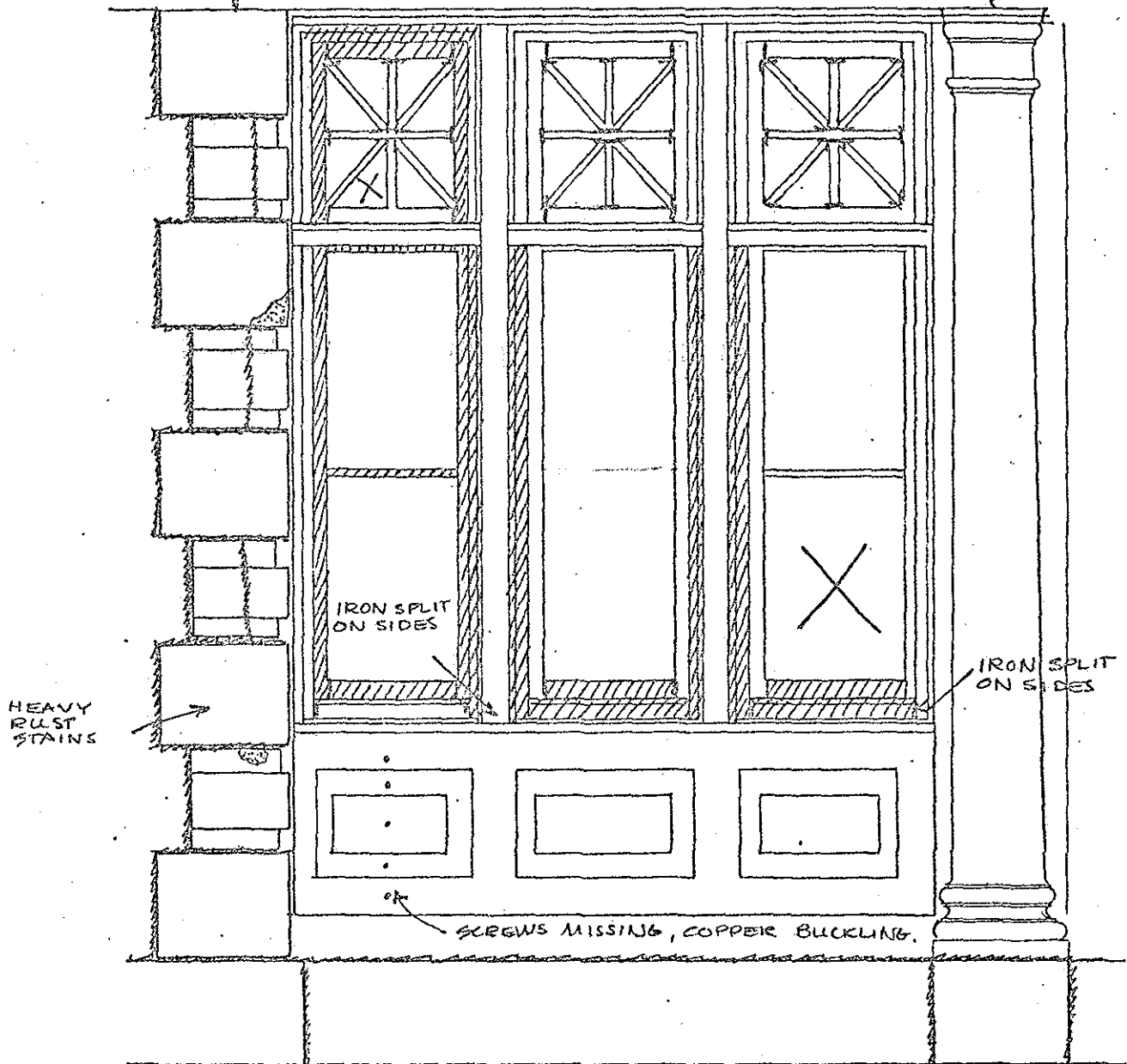
INTERIOR: UPPER STUOL MOULDING LOOSE.

NOT ACCESSIBLE ON OUTSIDE

GRILL

SCREEN ON LOWER SASH - POOR CONDITION

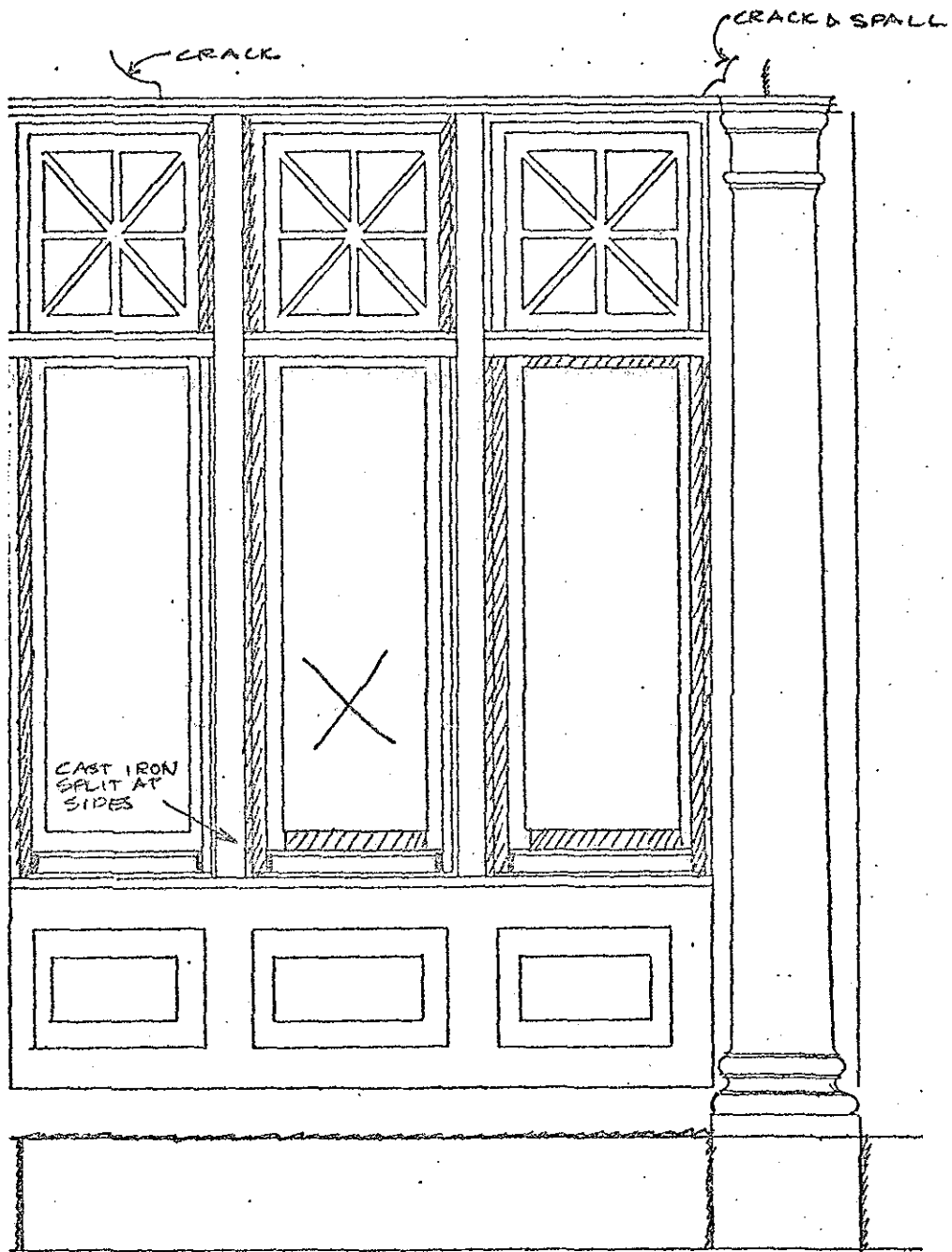
E6 LIGHT COURTS (4)	NUMBER NWL-306	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE EIRENSWANTZ GROUP 19 West 44th Street, New York NY 10036	



INTERIOR: SASH STOPS ROTTEN
 JAMB & UPPER FRAME ROTTEN

GRILLS OVER TRANSOM & LOWER SASH
 SCREENS OVER LOWER SASH

FI Ticket Office (5)	NUMBER N 109	CLASS 1 (metal) 3 (wood)
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EHRENNWANTZ GROUP 19 West 44th Street, New York NY 10036,	2 (stone)

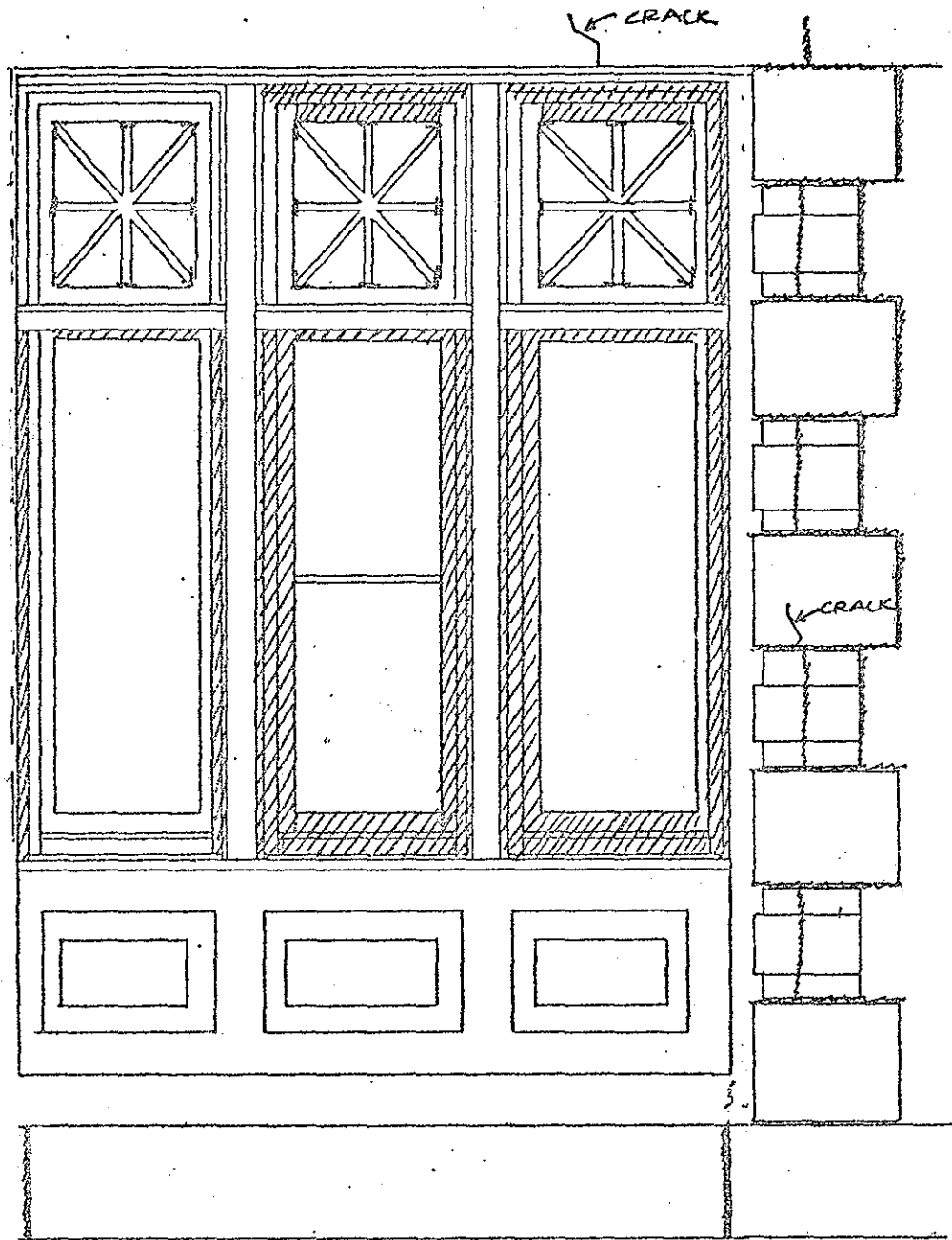


INTERIOR: SASH STOPS ROTTED & LOOSE

GRILLS OVER TRANSOM & LOWER SASH - CORRODED

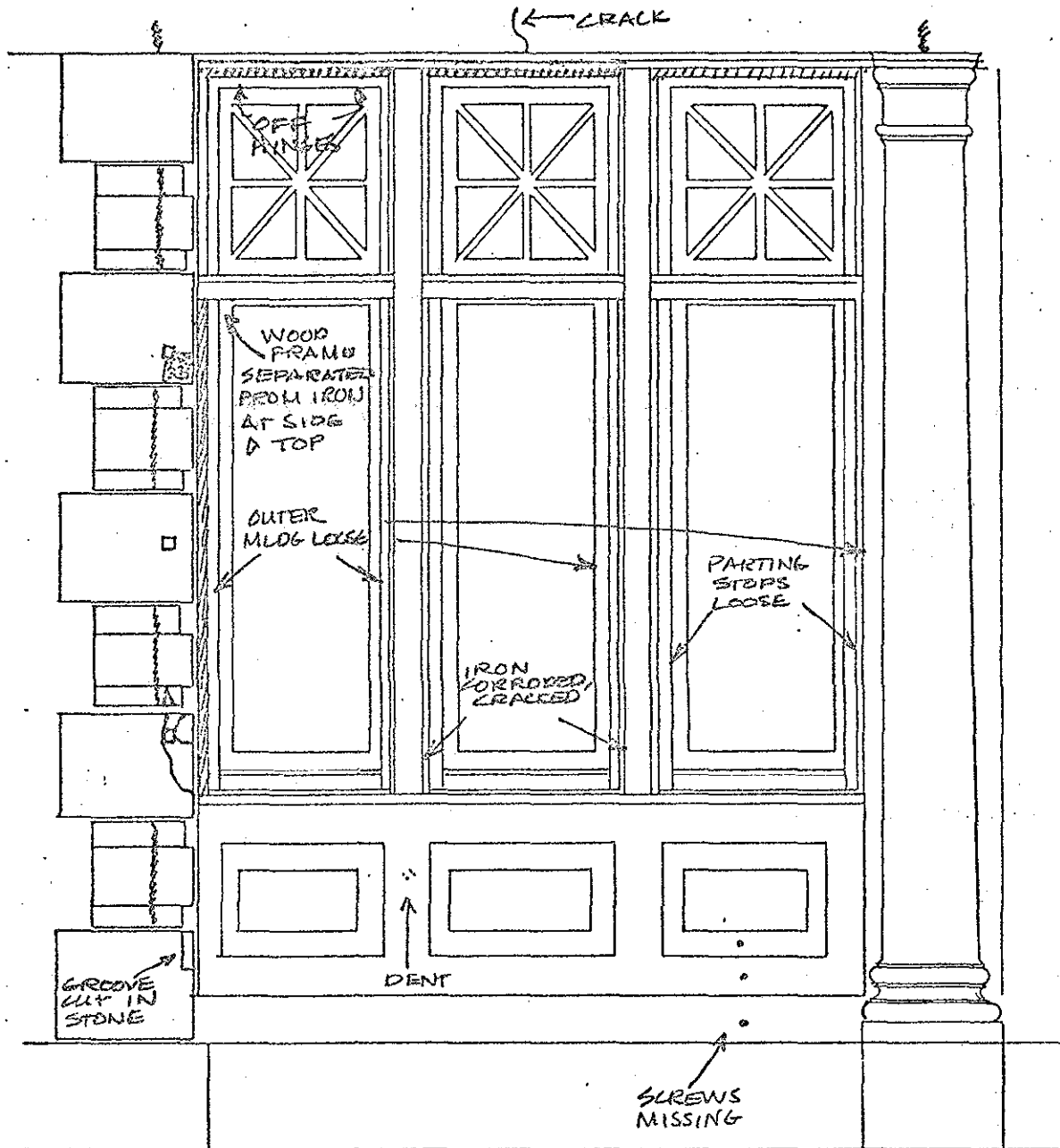
SCREENS OVER TWO SIDE SASH - FAIR CONDITION

F2 (1)	NUMBER N 110	CLASS 1 (metal) & (wood)
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE FURUKAWA GROUP 19 West 44th Street, New York NY 10036	



INTERIOR: SASH STOPS ROTTED & LOOSE
 SILLS & STOPS ROTTED & MISSING - REPLACE ALL INTERFRAME
 GRILLS OVER TRANSOM & SASH - CORRODED
 SCREENS OVER LOWER SASH - FAIR CONDITION

PAE (1)	NUMBER N III	GLASS 3 (wood) 1 (metal)
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE BIRENBAWITZ GROUP 19 West 44th Street, New York NY 10036,	



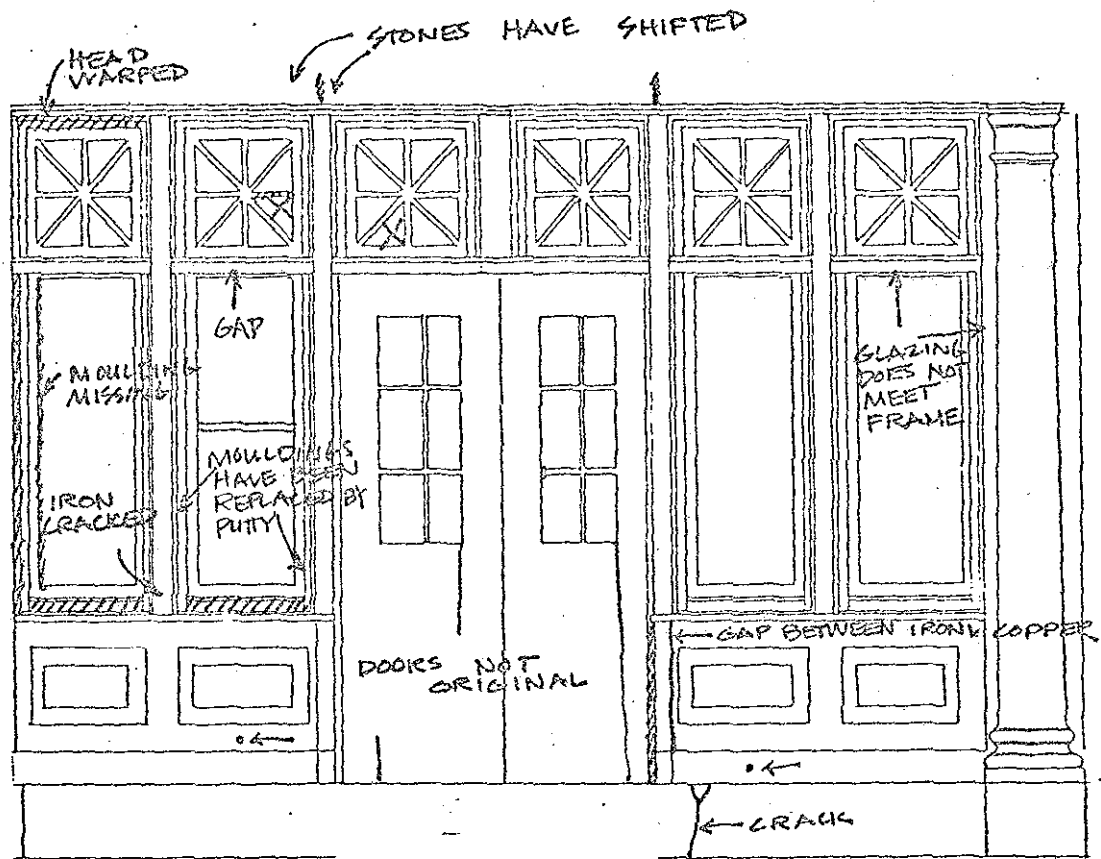
INTERIOR: ALL FRAME COMPONENTS LOOSE ON CENTER & RIGHT WINDOWS

- ALL FRAMING ON LEFT SIDE TORN AWAY, ROTTED
- PANELS ABOVE TRANSOMS WARPED
- SASH STUCK OPEN

GRILLS OVER TRANSOMS & LOWER SASH

DOUBLE SCREENS OVER LOWER SASH - POOR CONDITION
AWNING HARDWARE

FI Ticket Office	NUMBER N 112	CLASS 3 (Wood)
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EITENKRANTZ GROUP 19 West 44th Street, New York NY 10036	

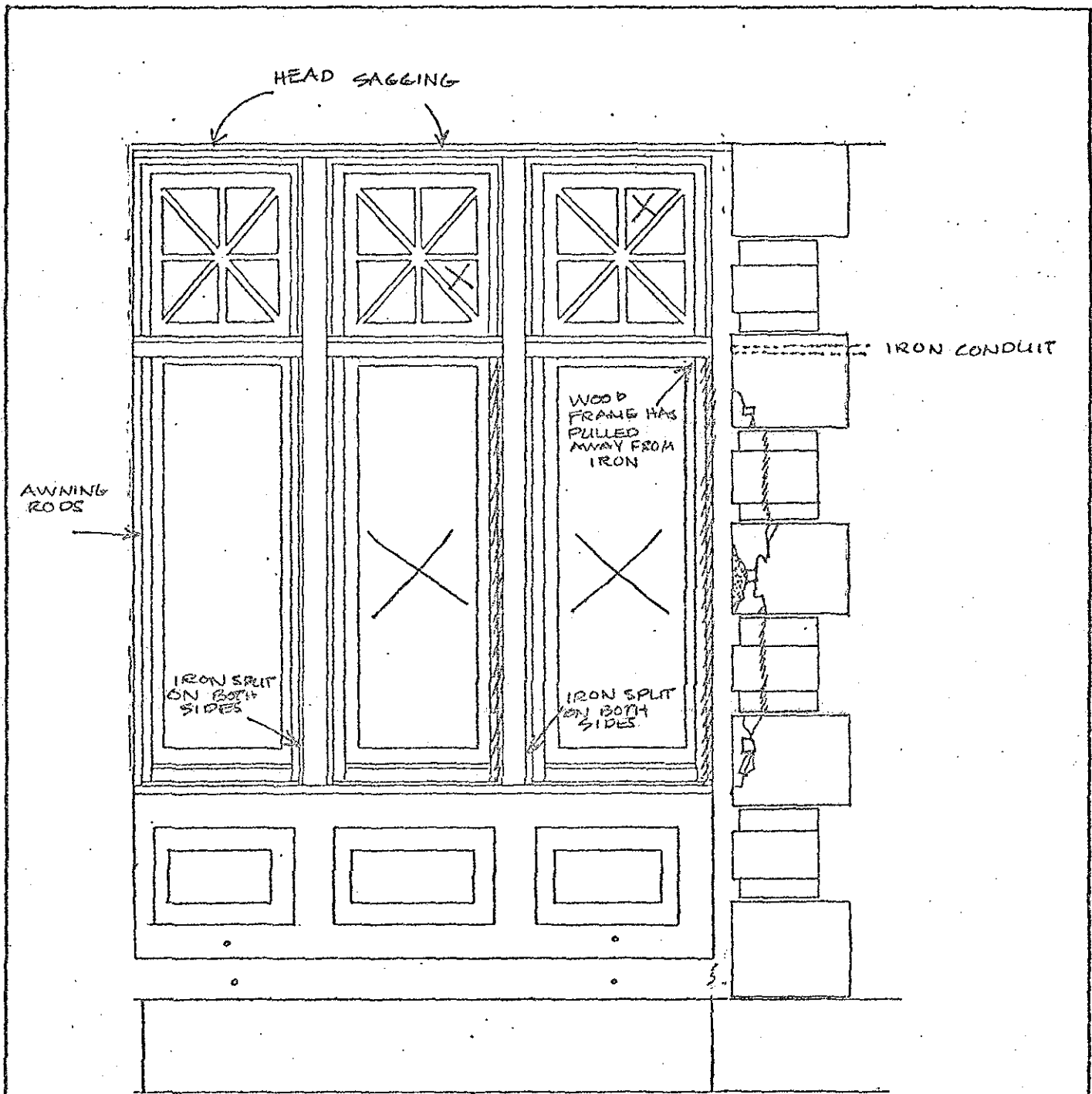


INTERIOR: • ALL MEMBERS LOOSE
 • SASH STUCK
 • ALL TRANSOMS BUT CENTER TWO NAILED SHUT

GRILLS OVER TRANSOMS, LOWER SASH & DOOR WINDOWS -
 LOWER BAK ON LEFT SASH CORRODED THRU

SCREENS OVER LOWER SASH & IN FRONT OF DOORS -
 FAIR CONDITION

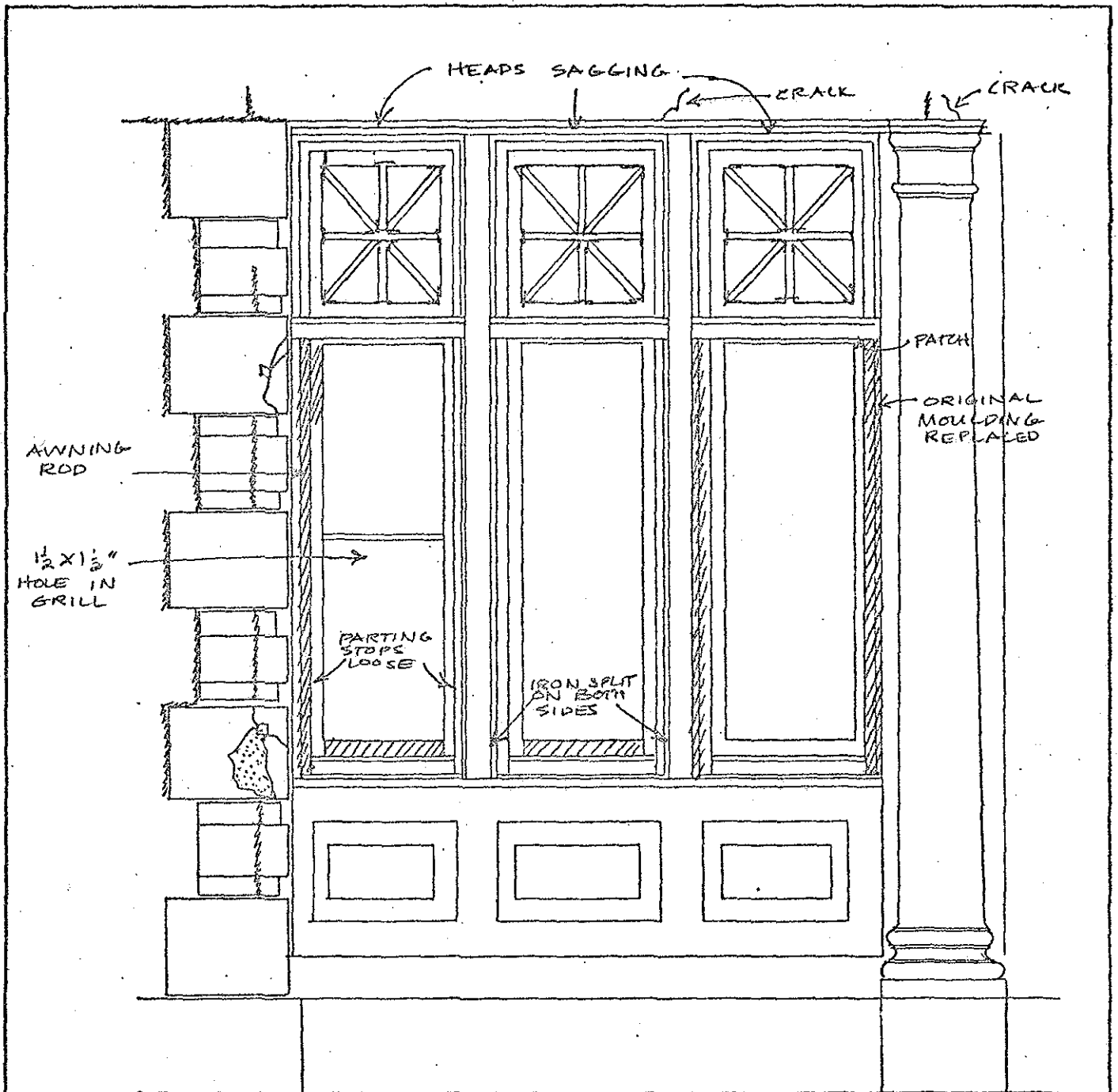
F5 TICKET OFFICE	NUMBER N113	CLASS 1 (metal) 2 (wood)
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE FIDESKRANTZ GROUP 19 West 44th Street, New York NY 10036	



INTERIOR: - FRAMING DESTROYED, CORNICE RIPPED AWAY OVER WEST HALF OF WINDOW.
 - ALL INTERIOR PARTS LOOSE

GRILL IN PLACE OVER TRANSOM & LOWER SASH
 SCREENS ON LOWER SASH - FAIR CONDITION

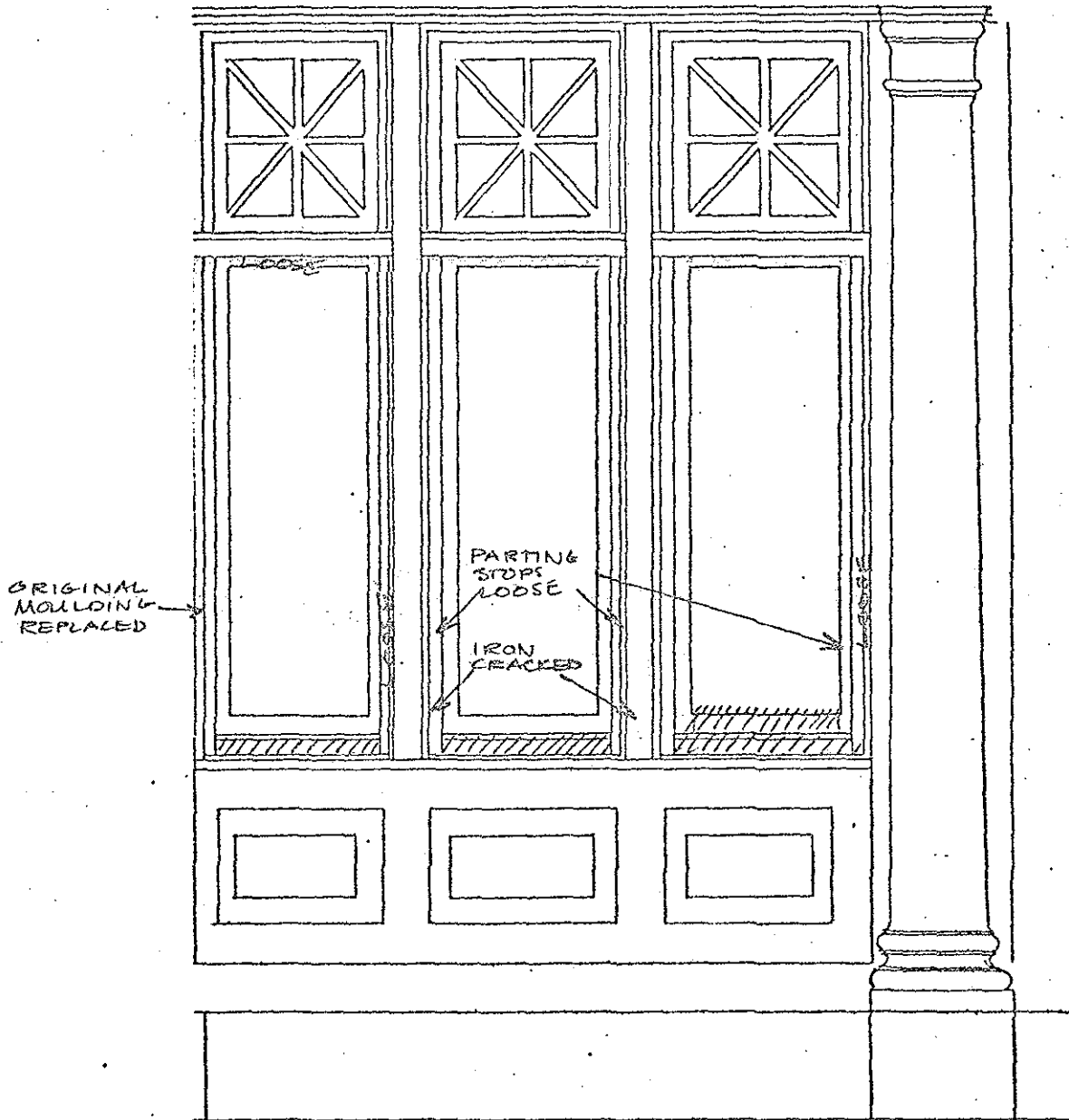
FA: ()	NUMBER N 114	CLASS 1 (Mech) 3 (Wood)
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE EHLERKRANTZ GROUP 19 West 44th Street, New York NY 10036,	



INTERIOR: - WALL SUPPORT DESTROYED - INTERIOR FRAME ROTED

GRILLS OVER TRANSOM & LOWER SASH
DOUBLE SCREENS - FAIR CONDITION

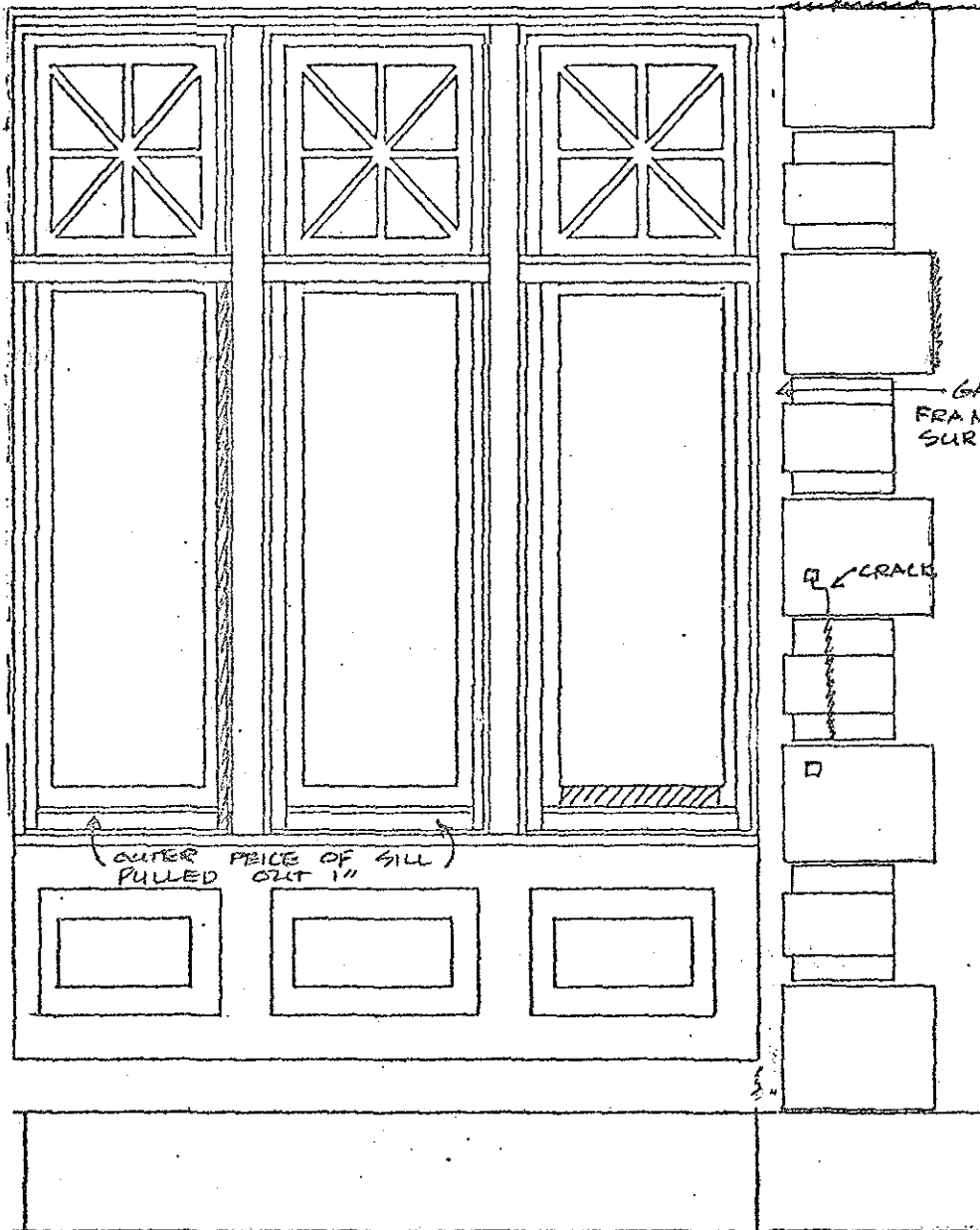
FI Ticket Office (3)	NUMBER N 115	CLASS 3 (wood) 1 (metal)
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EIRENKWANTZ GROUP 19 West 44th Street, New York NY 10036,	2 (stone)



INTERIOR: - PANELS ABOVE TRANSOMS ALL BULGE
 - TRANSOM OF RIGHT (WEST) WINDOW CRACKED
 - MLDGS AROUND LOWER SASH, CENTER WINDOW LOOSE

GRILLS OVER TRANSOM & LOWER SASH
 SCREENS OVER LOWER SASH - GENERALLY POOR CONDITION
 FRAME SPLIT, MLDGS WARPED & LOOSE

F2	NUMBER N116	CLASS 1 (Metal) 2 (Wood)
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EHRENKRANTZ GROUP 19 West 44th Street, New York NY 10036	



GAP BETWEEN IRON
FRAME & STONE
SURROUND

CRACK

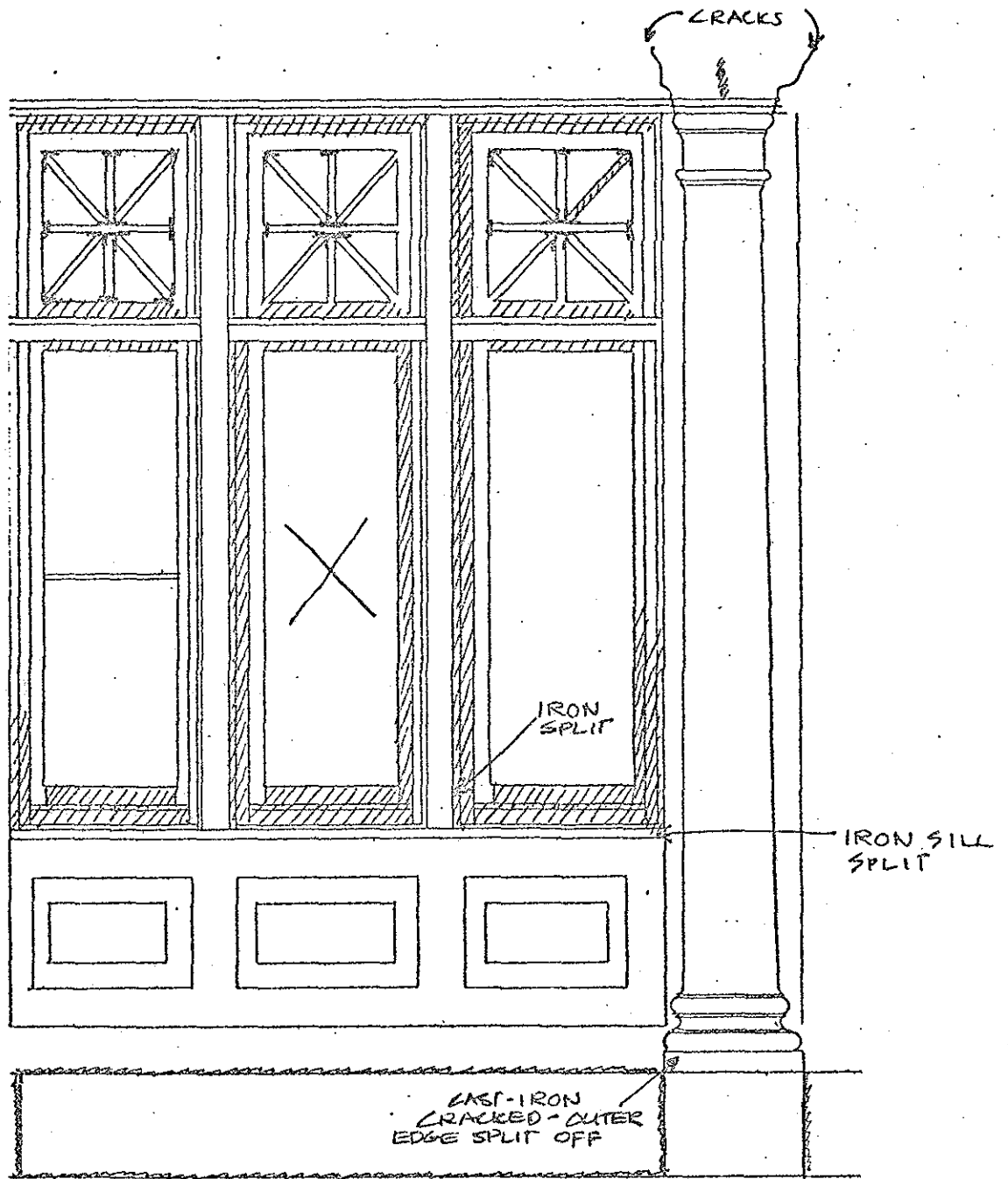
OUTER PIECE OF SILL
PULLED OUT 1"

INTERIOR: 1 PANELS ABOVE TRANSOMS BOWED
ALL SASH STUCK OPEN

GRILLS OVER TRANSOMS & LOWER SASH
DOUBLE SCREENS OVER LOWER SASH - FAIR CONDITION

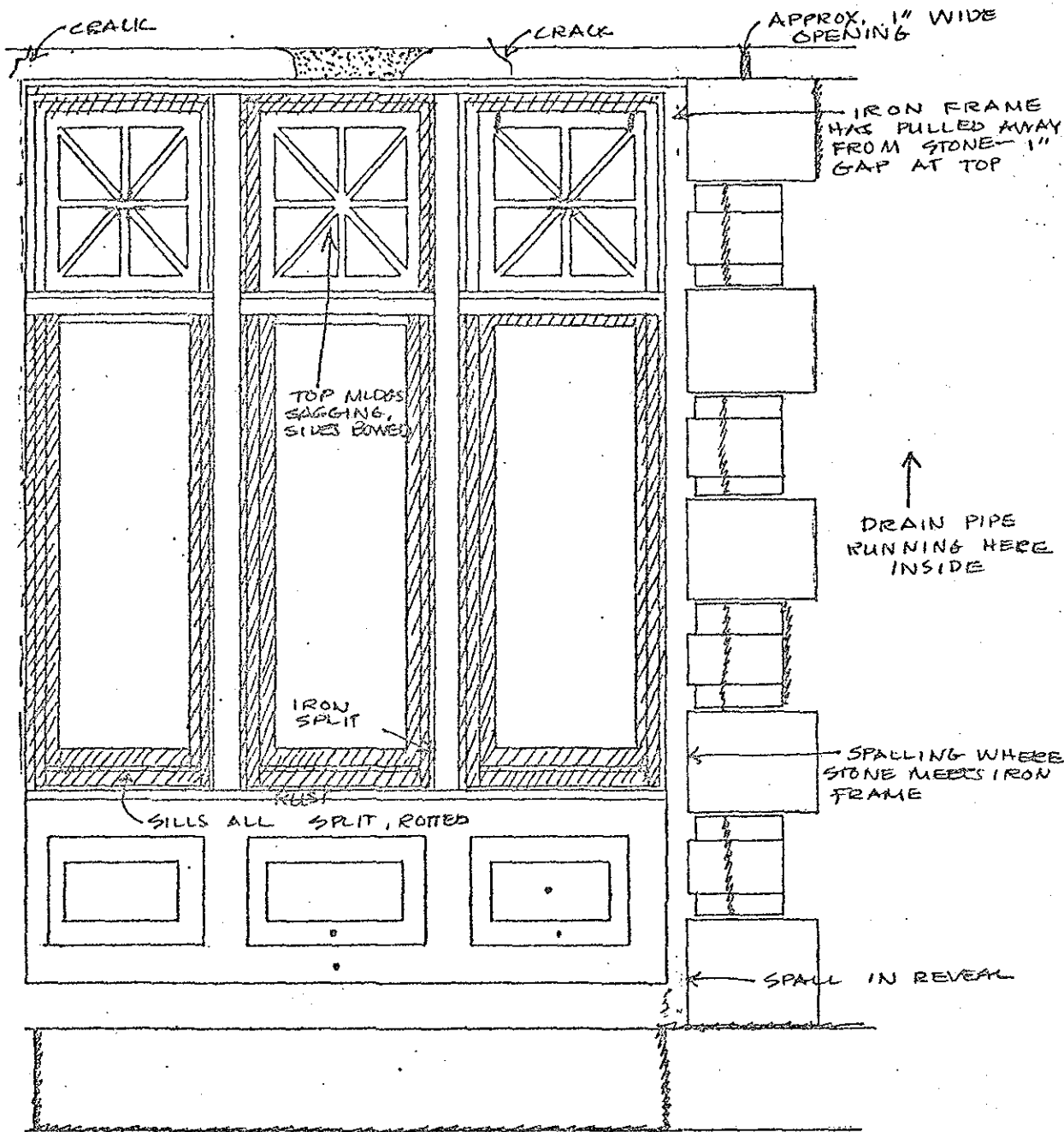
F&E	NUMBER N 117	CLASS 1 (metal) 3 (wood)
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE EIRENKRAWITZ GROUP 19 West 44th Street, New York NY 10036;	

INTERIOR: • ALL SASH INOPERABLE
 • INTERIOR SURROUNDS, JAMBS LOOSE & ROTTEN



GRILLS OVER TRANSOM & LOWER SASH

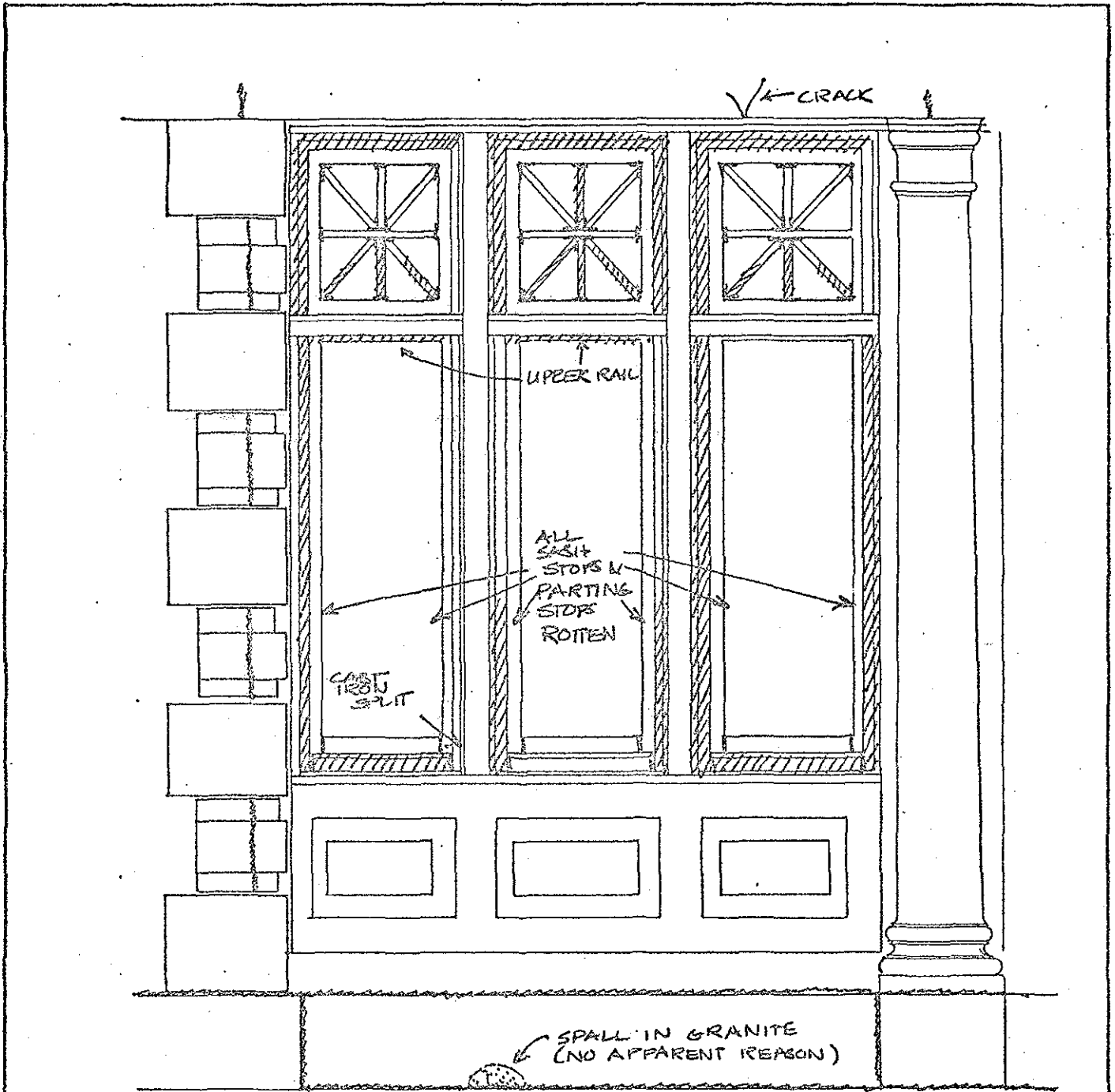
F2 (1)	NUMBER E114	CLASS 3 (wood) 1 (metal)
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EISENKRANTZ GROUP 19 West 44th Street, New York NY 10036	



INTERIOR: INTERIOR HAS FALLEN IN - ENTIRE FRAME IS ROTTED

GRILLS OVER TRANSOM & LOWER SASH - CORRODED
NO SCREENS

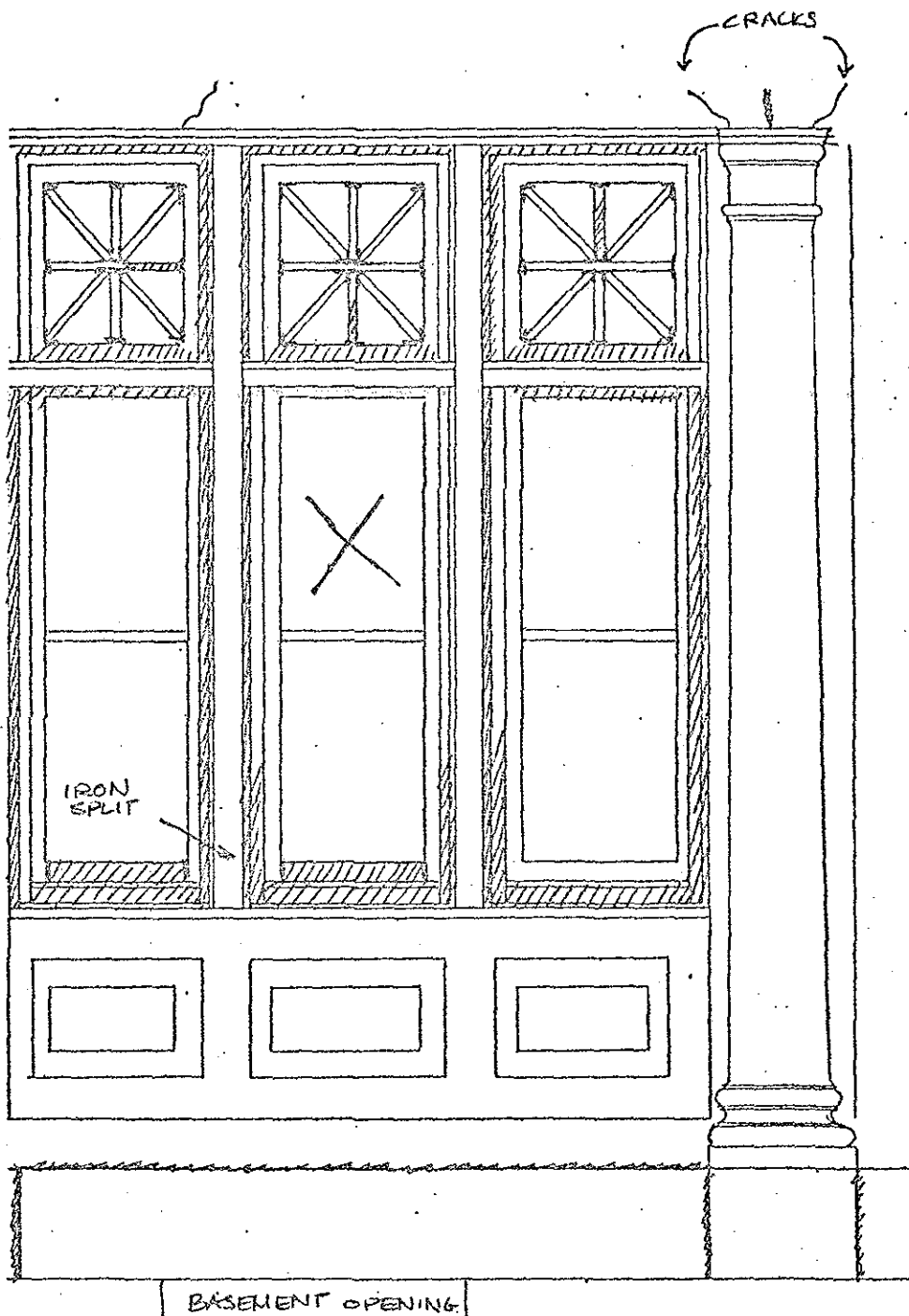
F&E (2)	NUMBER E115	CLASS 1 (mchd) 3 (wood)
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE DIRKENKRAVITZ GROUP 19 West 44th Street, New York NY 10036,	2 (stone)



SASH INOPERABLE

- GRILL OVER TRANSOM & LOWER SASH
- SCREENS REMOVED
- AWNING HARDWARE

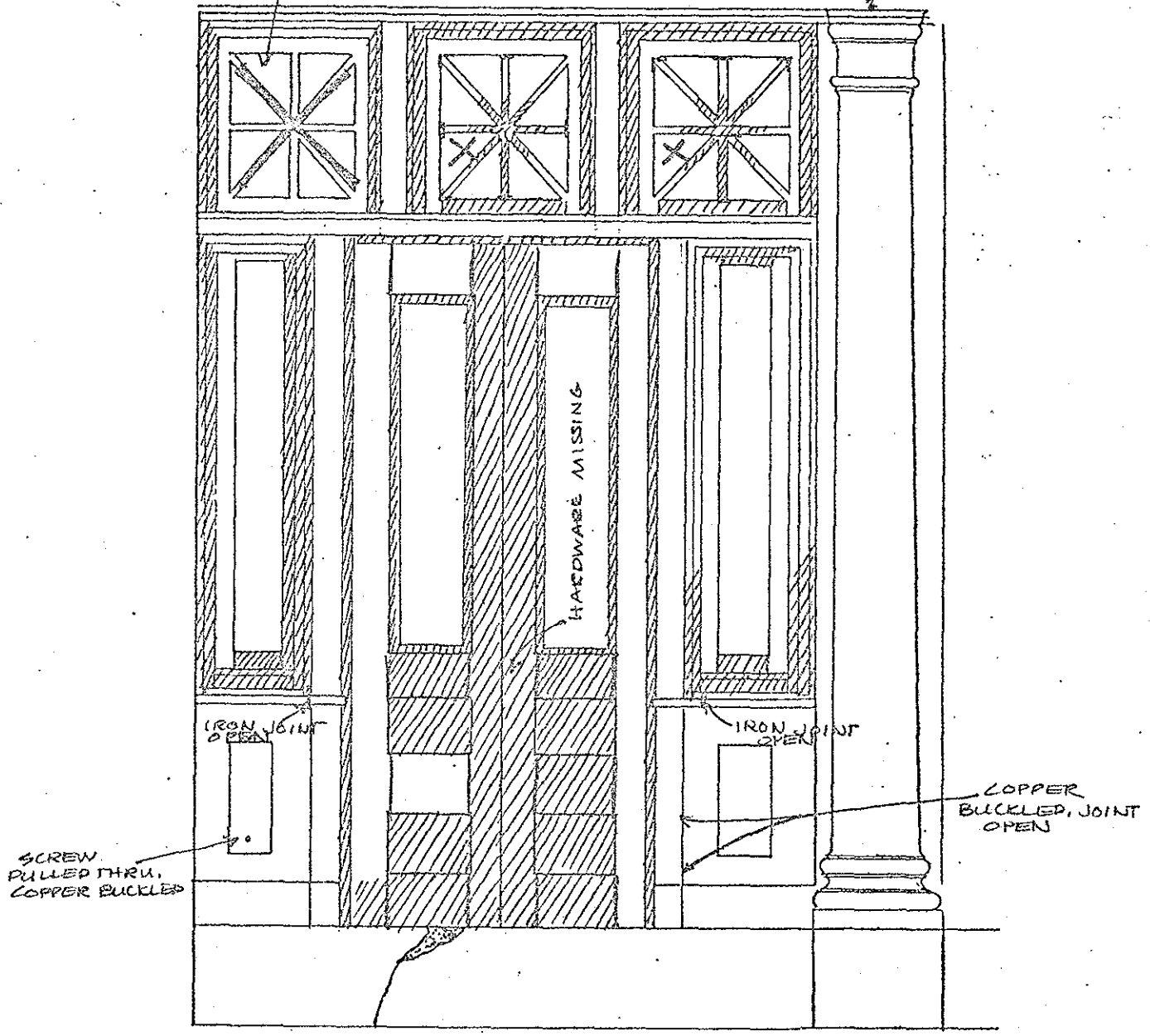
FI Ticket Office (2)	NUMBER E III	CLASS 3 (wood) 1 (metal)
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE HERRNSTAMTZ GROUP 19 West 44th Street, New York NY 10036,	



GRILL OVER TRANSOM & LOWER SASH - CORRODED
 AWNING HARDWARE

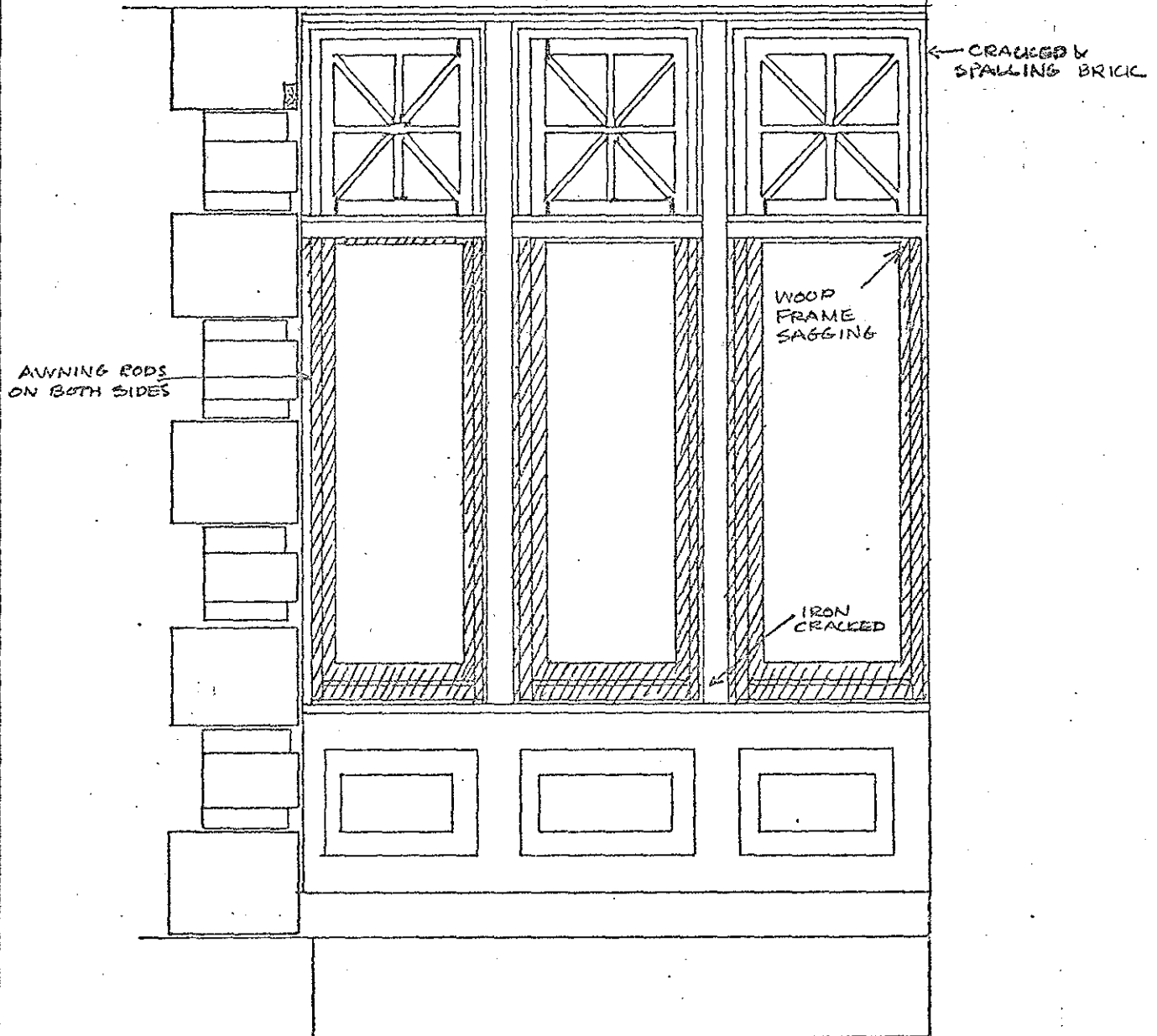
F2 (1)	NUMBER E112	CLASS 3 (wood) 1 (metal)
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE FIBENKRAVITZ GROUP 19 West 44th Street, New York NY 10036,	

SASH HAS BEEN REMOVED & STORED INSIDE



GRILLS IN PLACE OVER SIDELIGHTS, TRANSOMS, & DOOR GLASS

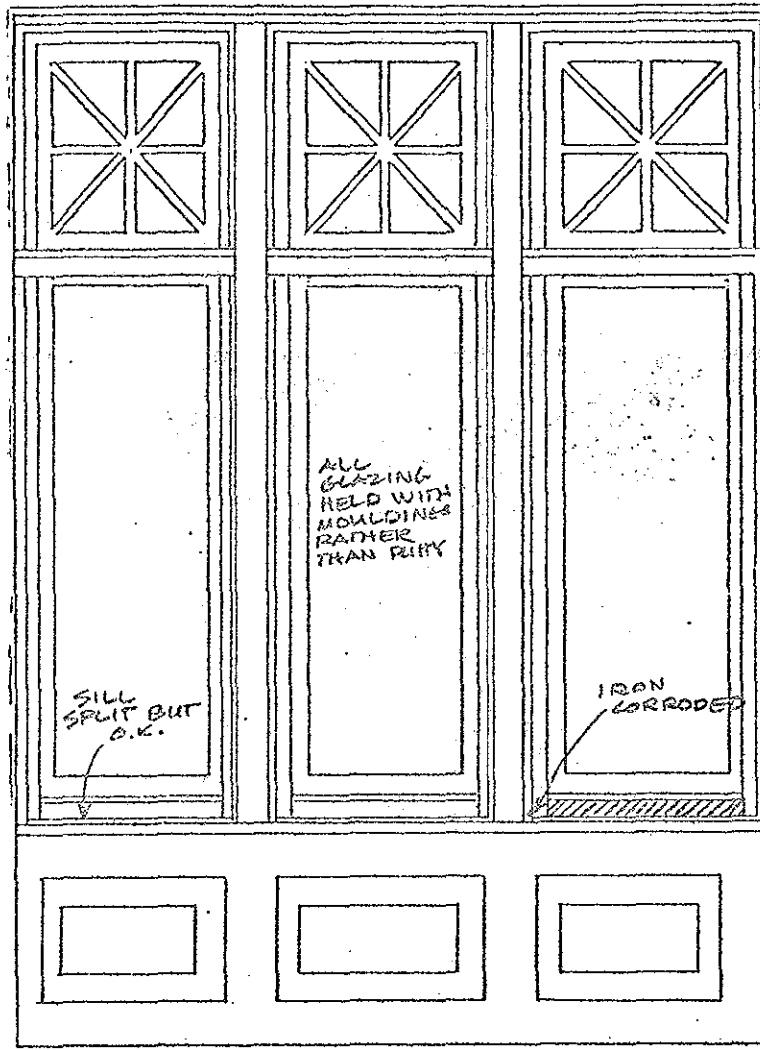
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND</p>	<p>NUMBER E113</p>	<p>CLASS 1 (metal) 3 (wood)</p>
<p>Statue of Liberty National Monument, New York</p>	<p>BUILDING OBSERVATION TECHNOLOGY THE ENTREPRENEUR GROUP 19 West 44th Street, New York NY 10036 </p>	



INTERIOR: ALL MEMBERS RATED.

GRILL OVER UPPER & LOWER SASH - HEAVILY CORRODED ON LOWER PORTION
NO SCREENS

F1 Ticket Office	NUMBER W109	CLASS 1 (metal) 3 (wood)
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE DURENKWANTZ GROUP 19 West 44th Street, New York NY 10036,	



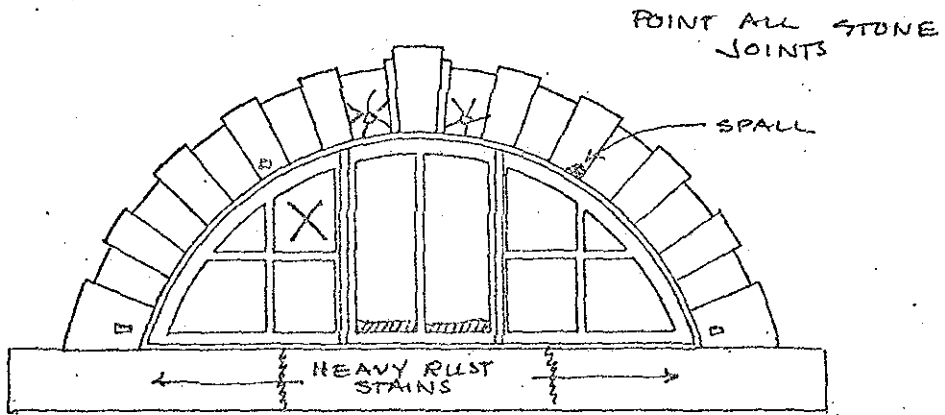
ALL GLAZING HELD WITH MOULDINGS RATHER THAN PUTTY

SILL SPLIT BUT O.K.

IRON CORRODED

INTERIOR: • LINTEL RUSTED
 • PANELS & HEAD MOULDINGS LOOSE & WARPED
 • SASH NAILED SHUT
 • NORTH JAMB EXPOSED, ROTTED, CHECKED
 • STOOL & APRON ROTTED AT NORTH END
 • MOULDINGS ON TOP OF STOOLS ALL LOOSE
 GRILLS ON UPPER & LOWER WINDOWS
 EXTERIOR INACCESSIBLE

F&E	NUMBER W110	CLASS 2 (wood)
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE EHRENKRANTZ GROUP 19 West 44th Street, New York NY 10036,	

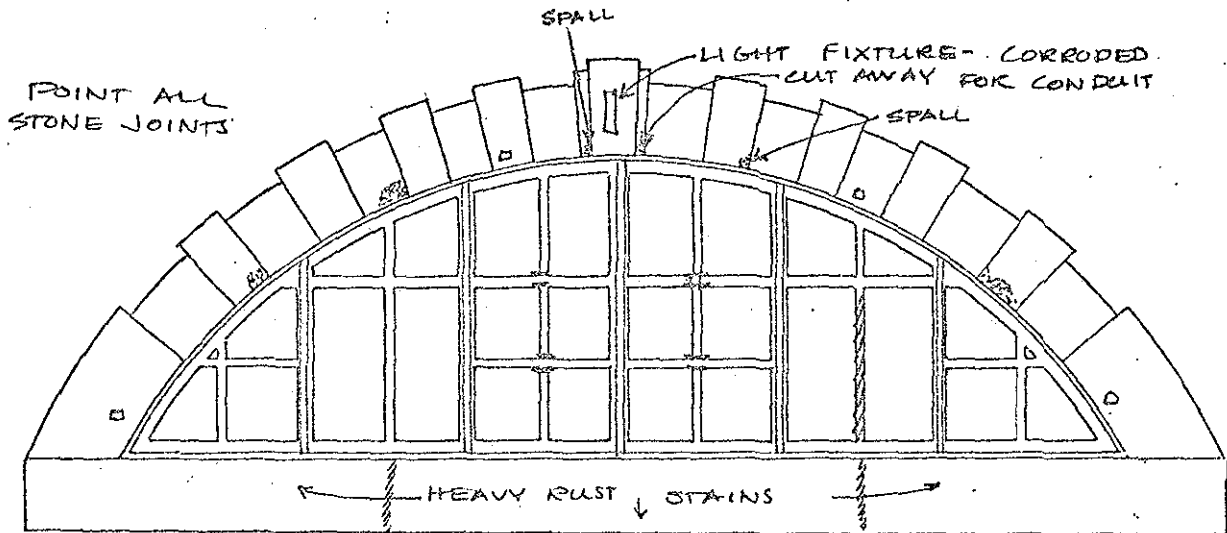


INTERIOR: SURROUND LOOSE

GRILL REMOVED (RECENTLY)

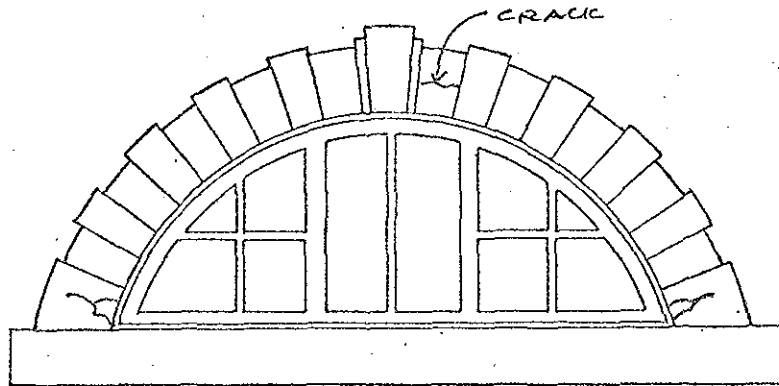
CASH IRON BAR SCREEN OVER SASH - CORRODED

G1 SMALL ARCH, TICKET OFFICE (2)	NUMBER NN116 ARCH	CLASS 2 (WOOD) 1 (METAL)
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE BERENKANTZ GROUP 19 West 44th Street, New York NY 10036	



GRILL REMOVED (RECENTLY)

G2 BIG ARCH, TICKET OFFICE (1)	NUMBER NN113 ARCH	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE EBENKOWITZ GROUP 19 West 44th Street, New York NY 10036	

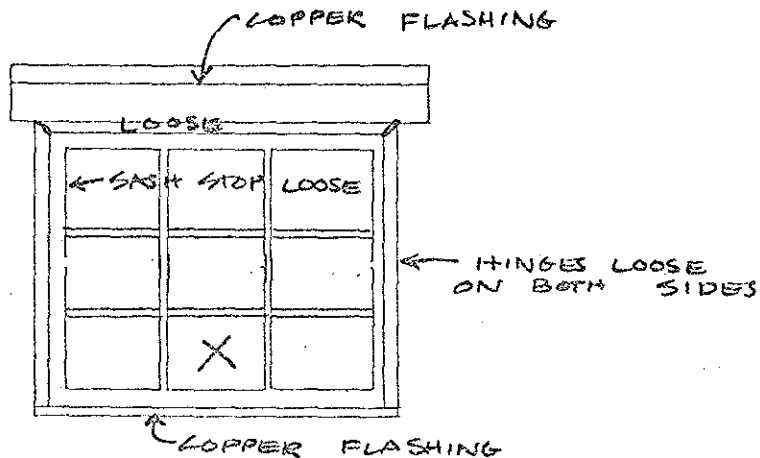


WOOD SASH & FRAME INACCESSIBLE

GRILL OVER OPENING - CORRODED
 CAST IRON BAR SCREEN BEHIND GRILL - CORRODED

G1 SMALL ARCH, TICKET OFFICE (2)	NUMBER NN110 Arch	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EBENKOWITZ GROUP 19 West 44th Street, New York NY 10036	

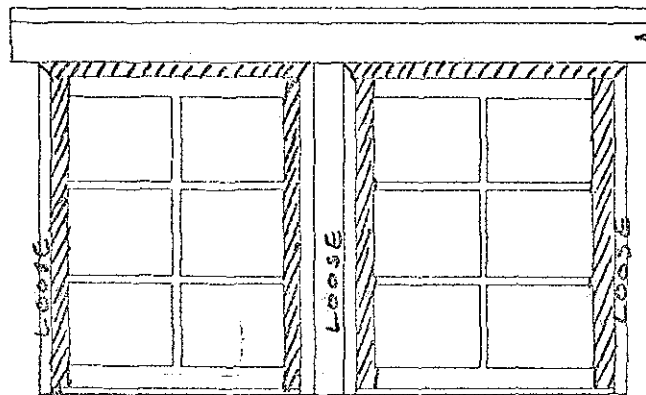
REPAIR &
REPOINT BRICK
ON BOTH SIDES



INTERIOR: MOULDINGS VERY LOOSE

NO GRILL

H1 EAST LIGHT COURTS	NUMBER NEL-101	CLASS I
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EBENKOWITZ GROUP 19 West 44th Street, New York NY 10036	



ALL UPPER FLASHING MISSING, HEAD UNDERNEATH SPLIT, CYCLOS MISSING, STEEL LINTEL EXPOSED & RUSTED

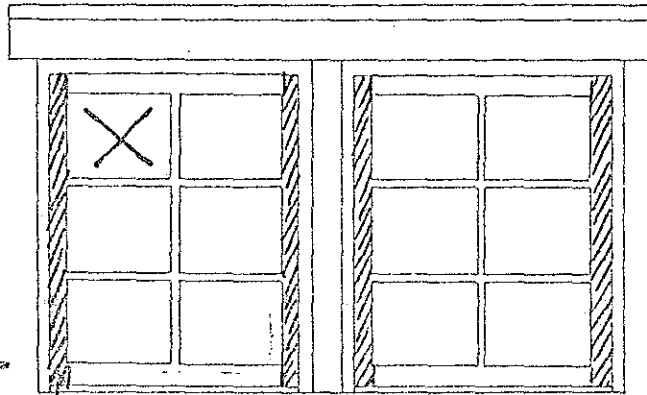
ALL SIDE RAILS SPLIT

SCREENS ON UPPER HALF, GOOD CONDITION (INSIDE), LOWER HALF (OUTSIDE) FAIR CONDITION

NO GRILL

H2 EAST LIGHT COURTS (3)	NUMBER NEL - 102	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EIRENKRAWITZ GROUP 19 West 44th Street, New York NY 10036	

BRICKS
MISSING

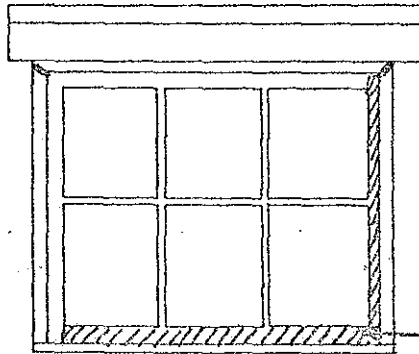


ALL SIDE RAILS SPLIT

UPPER & LOWER SCREENS - POOR CONDITION

NO GRILL

H2 EAST LIGHT COURTS (2)	NUMBER NEL-103	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE EHRENKRANTZ GROUP 19 West 44th Street, New York NY 10036	



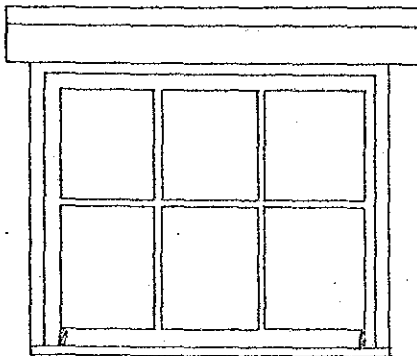
IRON ANGLE

NOT ACCESSIBLE

GRILL REMOVED

SCREENS OVER UPPER & LOWER PARTS OF SASH
-POOR CONDITION

H1 EAST LIGHT COURTS	NUMBER SEL-101	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE BERENSON GROUP 19 West 44th Street, New York NY 10036	



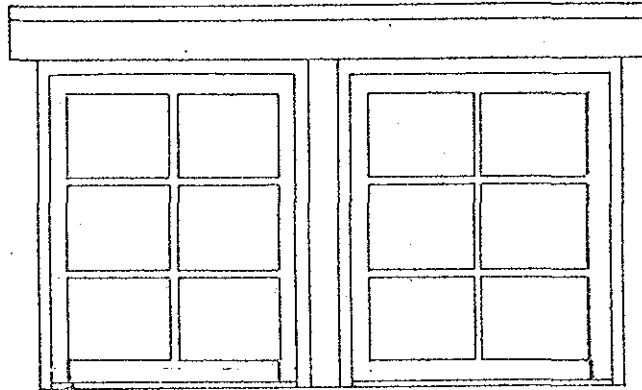
NOT ACCESSIBLE

GRILL OVER TOP HALF ONLY

SCREENS ON TOP - FAIR CONDITION

H1 EAST LIGHT COURTS (6)	NUMBER SEL-104	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE FIREKOWITZ GROUP 19 West 44th Street, New York NY 10036	

BRICKS
SPALLED



FLASHING

NOT ACCESSIBLE

GRILL REMOVED
SCREEN OVER UPPER & LOWER PARTS OF SASH -
FAIR CONDITION

H2 EAST LIGHT COURTS (2)

NUMBER
SEL-102

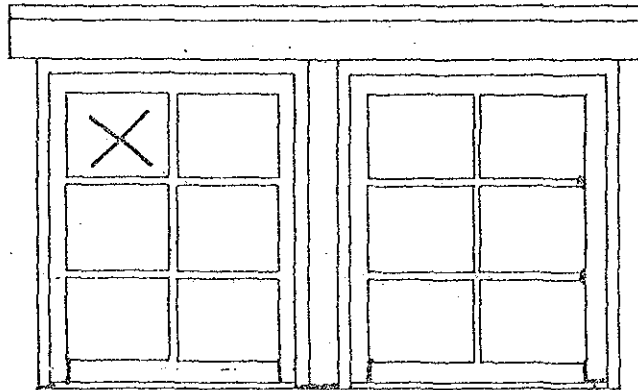
CLASS
1

MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY,
THE EHRENKRANTZ GROUP

Statue of Liberty National Monument, New York

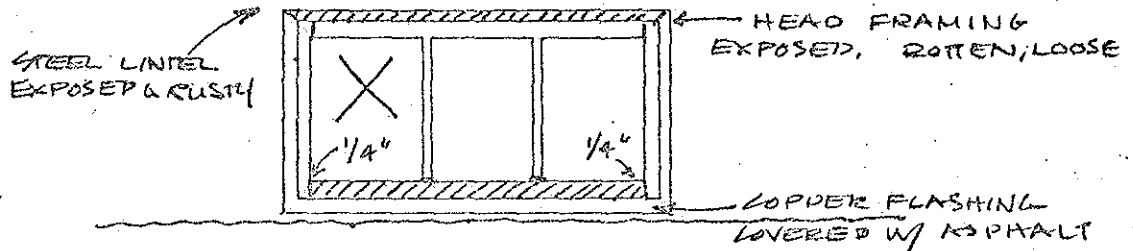
19 West 41th Street, New York NY 10036



NOT ACCESSIBLE
GRILL REMOVED

H2 EAST LIGHT COURTS (2)	NUMBER SEL-103	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EIRENKOWITZ GROUP 19 West 44th Street, New York NY 10036	

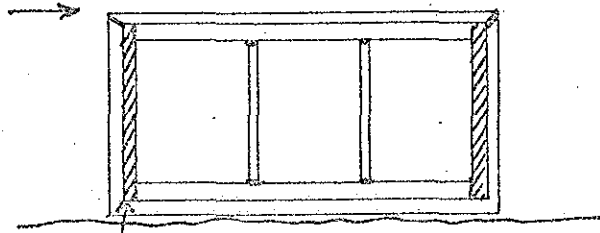
ASPHALT COATING - BRICK SPALLING UNDERNEATH



GRILL REMOVED

I WEST LIGHT COURTS	NUMBER SWL-201	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EBENKRAVITZ GROUP 29 West 44th Street, New York NY 10036	

LINTEL
RUSTED



MOULDINGS FRAMING EXTERIOR OPENING
LOOSE

GRILL REMOVED

I WEST LIGHT COURTS

NUMBER
SWL-202

CLASS
2

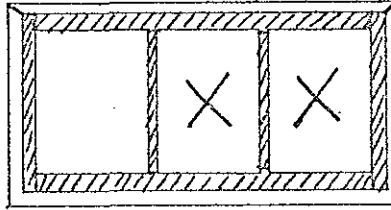
MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
THE EHRENKRANTZ GROUP

Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036

LINTEL
RUSTY



ALL FRAMING LOOSE & ROTTED

GRILL REMOVED

I WEST LIGHT COURTS

NUMBER
SWL-203

CLASS
3

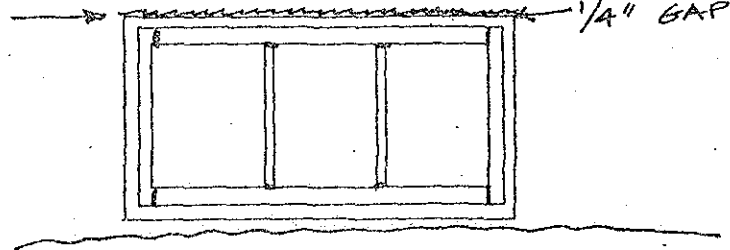
MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING OPERATOR TECHNOLOGY
THE EISENKRANTZ GROUP

Statue of Liberty National Monument, New York

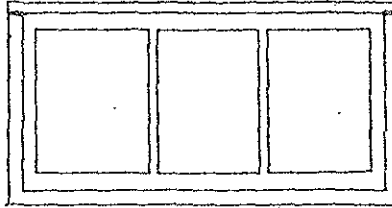
19 West 44th Street, New York NY 10036

LINTEL
RUSTY



GRILL REMOVED

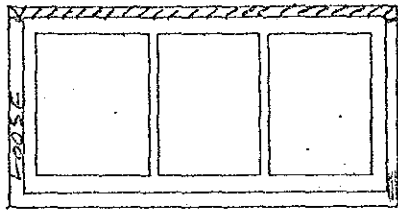
I WEST LIGHT COURTS	NUMBER SWL-204	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EHRENKRANTZ GROUP 19 West 44th Street, New York NY 10036	



PAINT STILL IN PLACE - HAS BEEN SHIELDED
BY GUTTER

GRILL IN PLACE

I WEST LIGHT COURTS	NUMBER SWL-205	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EISENKRANTZ GROUP 19 West 44th Street, New York NY 10036	

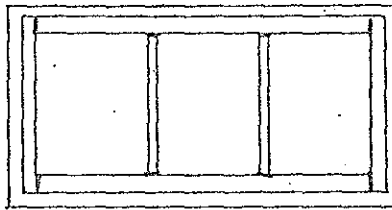


← HEAD MISSING

SASH COMPLETELY OFF HINGES, HANGING BY CHAINS

GRILL

I WEST LIGHT COURTS	NUMBER SWL-206	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EISENKRANTZ GROUP 19 West 44th Street, New York NY 10036	



GUTTER FRAMED
INTO HEAD

GRILL

I WEST LIGHT COURTS

NUMBER
SWL-207

CLASS
1

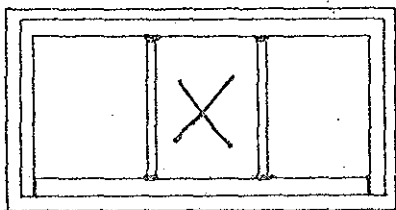
MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
THE HIRSHKRAVITZ GROUP

Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036

LINTEL
RUSTY, BRICKS
SPALLING →

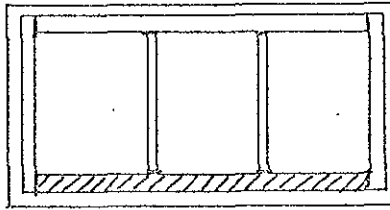


SASH LOOSE
PARTING STOPS SPLIT AT BOTTOM

GRILL REMOVED

I WEST LIGHT COURTS	NUMBER SWL-213	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EHRENKRANZ GROUP 19 West 44th Street, New York NY 10036	

LINTEL RUSTY, →
BRICKS SPALLING

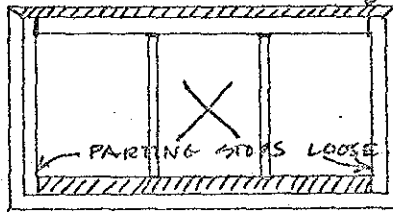


PARTING STOPS SPLIT, WARPED

GRILL REMOVED

I WEST LIGHT COURTS	NUMBER SWL-214	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EHRENKRANTZ GROUP 19 West 44th Street, New York NY 10036	FORM NO.

LINTEL
RUSTY



OVOLLO MISSING,
BACKING BLOCK SPLIT

PARTING STOPS LOOSE FRAYED

GRILL REMOVED

I WEST LIGHT COURTS

NUMBER

SWL-215

CLASS

2

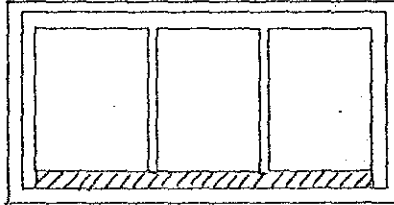
MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
THE EISENKRANTZ GROUP

Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036

GUTTER



NOT ACCESSIBLE INSIDE

GRILL

I WEST LIGHT COURTS

NUMBER

NWL-207

CLASS

2

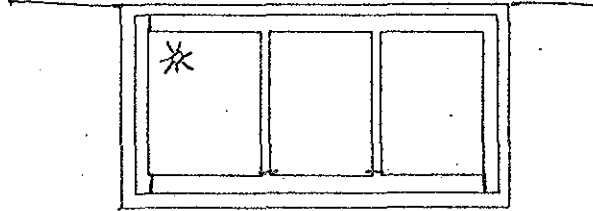
MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
THE EISENKRAVITZ GROUP

Statue of Liberty National Monument, New York

19 West 45th Street, New York NY 10036

GUTTER



NOT ACCESSIBLE INSIDE

GRILL

I WEST LIGHT COURTS

NUMBER

NWL-208

CLASS

1

MECHANICAL AND ELECTRICAL REHABILITATION

MAIN BUILDING

ELLIS ISLAND

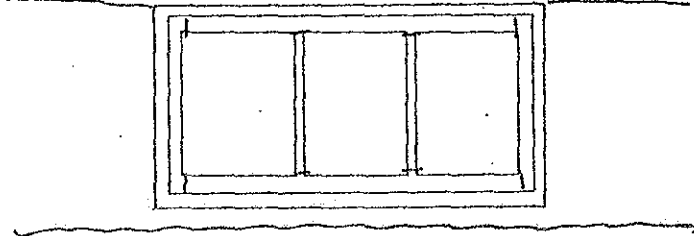
Statue of Liberty National Monument, New York

BUILDING CONSERVATION TECHNOLOGY

THE FIREKRAWITZ GROUP

19 West 44th Street, New York NY 10036

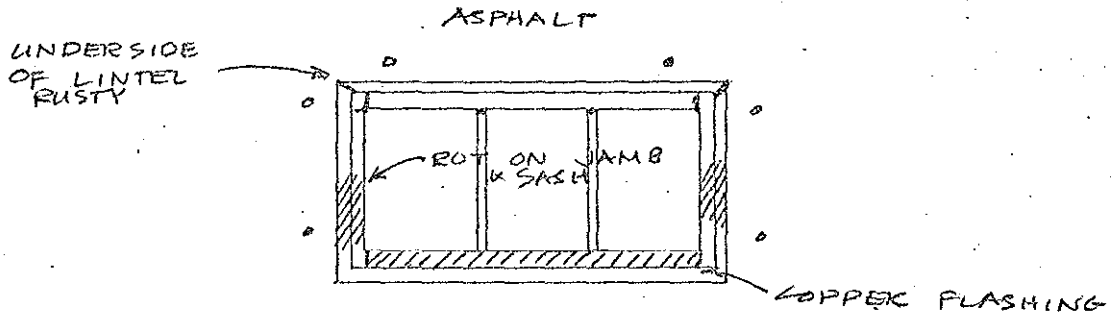
GUTTER



NOT ACCESSIBLE INSIDE

GRILL

I WEST LIGHT COURTS	NUMBER NWL-209	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE FIDELKORNTZ GROUP 19 West 44th Street, New York NY 10036	



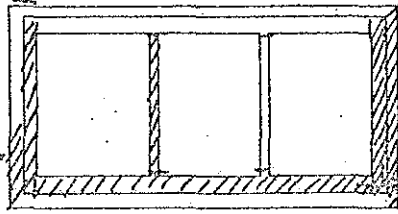
- INTERIOR:
- CONDENSATION ON GLASS
 - LINTEL EXPOSED
 - HEAD MOULDINGS SAGGING
 - GAPS IN TRIM JOINTS

GRILL

I WEST LIGHT COURTS	NUMBER NWL-210	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE HIRSHKOWITZ GROUP 19 West 44th Street, New York NY 10036	

UNDERSIDE
OF LINTEL RUSTED

ROT ON
JAMB



JAMB ROTTED & WARPED

IRON ANGLE ON
BOTH SIDES OF SASH

WOOD STRIP ATTACHED TO
BOTTOM OF GRILL - ROTTED
THROUGH

- INTERIOR:
- CONDENSATION ON GLASS
 - JOINTS OPEN
 - LINTEL EXPOSED

GRILL

I WEST LIGHT COURTS

NUMBER
NWL-211

CLASS
3

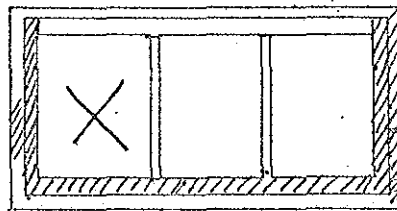
MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
THE EHRENKRANTZ GROUP

DWG NO.

Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036



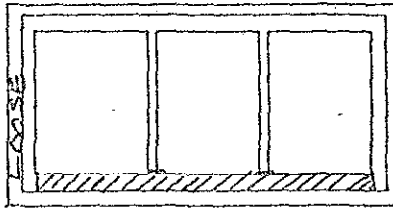
OUTER STOPS
ROTATED

INTERIOR: • LINTEL EXPOSED
• JOINTS OPEN

GRILL

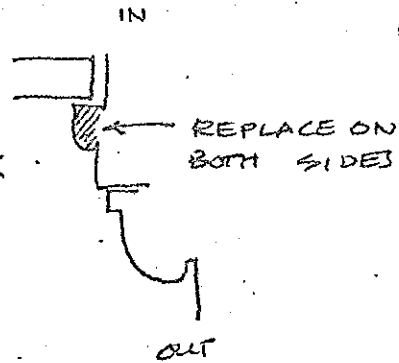
I WEST LIGHT COURTS	NUMBER NWL-212	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE EBENKRANTZ GROUP 19 West 44th Street, New York NY 10036	NO.

LINTEL BEGGINING
TO RUST



GOOD CONDITION ON INTERIOR

GRILL



I WEST LIGHT COURTS

NUMBER
NW-213

CLASS
2

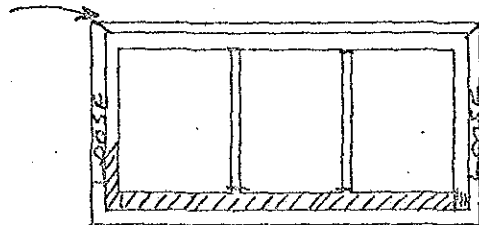
MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
THE EBENKRAVITZ GROUP

Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036

LINTEL
RUSTED



- INTERIOR:
- LINTEL EXPOSED
 - JOINTS OPEN
 - WATER APPEARS TO BE RUNNING DOWN HEAD

GRILL

I WEST LIGHT COURTS

NUMBER
NWL-214

CLASS
2

MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

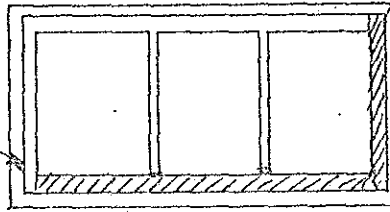
BUILDING OBSERVATION TECHNOLOGY
THE EBENKRANTZ GROUP

Statue of Liberty National Monument, New York

19 West 45th Street, New York NY 10036

LINTEL
RUSTING

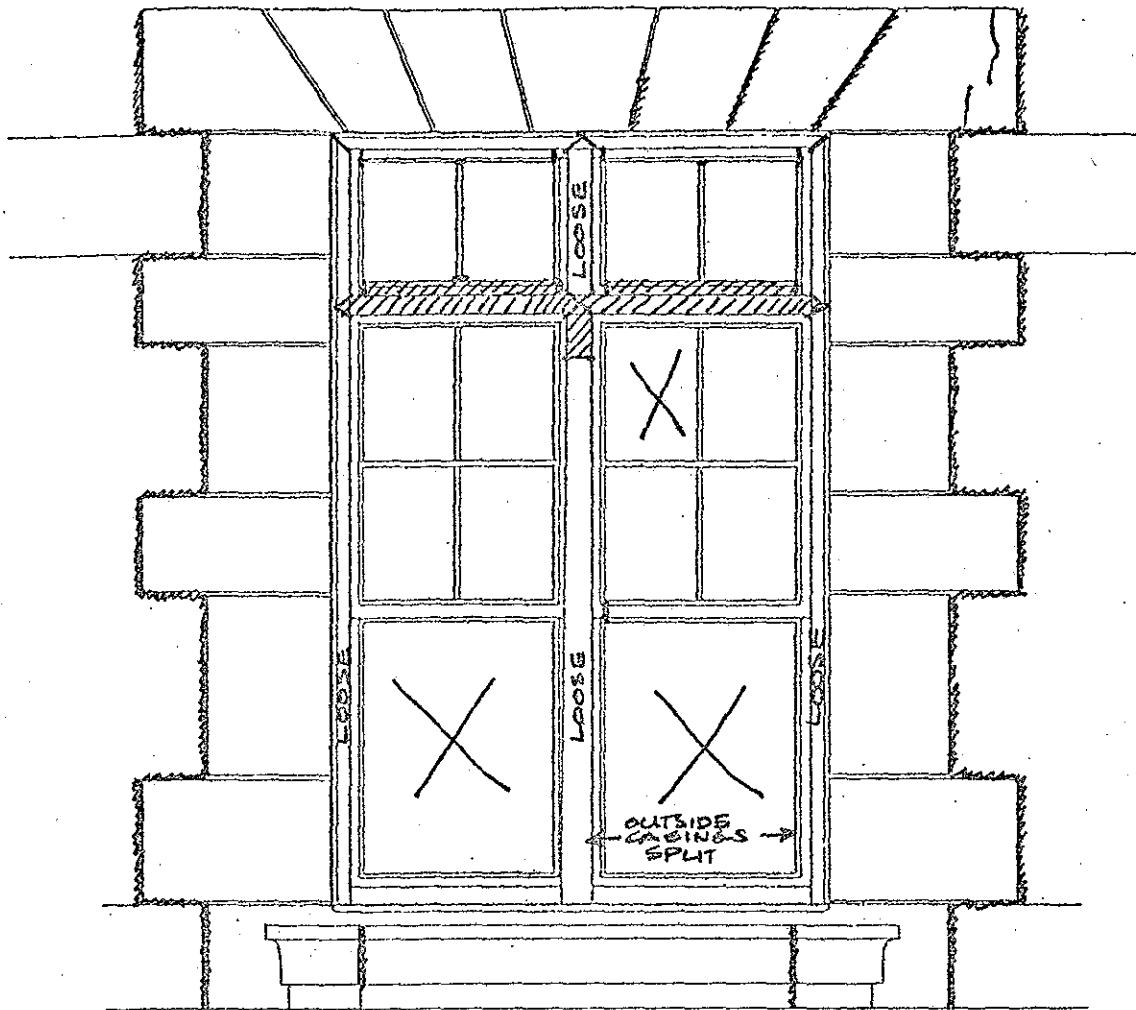
JAMB FRAYED
& POWDERY
AT BOTTOM



NOT ACCESSIBLE INSIDE

GRILL

I WEST LIGHT COURTS (15)	NUMBER NWL-215	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EBENKRANTZ GROUP 19 West 45th Street, New York NY 10036	



NO GRILL

J SECOND FLOOR EXTERIOR ELEVATIONS

NUMBER
N201

CLASS
2

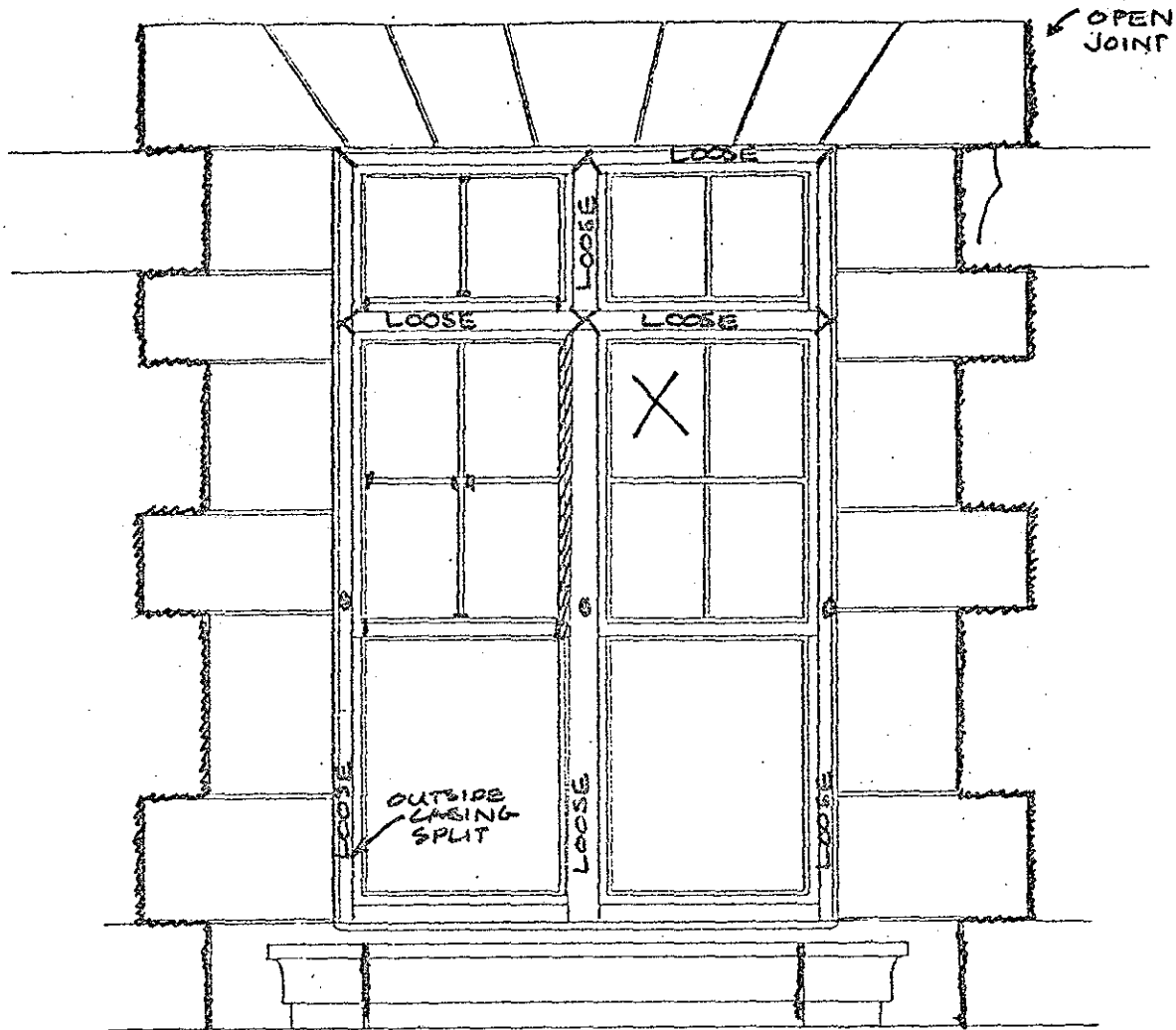
MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING OBSERVATION TECHNOLOGY
THE ERDMANOWITZ GROUP

DWG NO.

Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036



INTERIOR: FRAME ROTTED & SPLIT ON WEST SIDE & BOTTOM

NO GRILL

J SECOND FLOOR EXTERIOR ELEVATIONS

NUMBER
N202

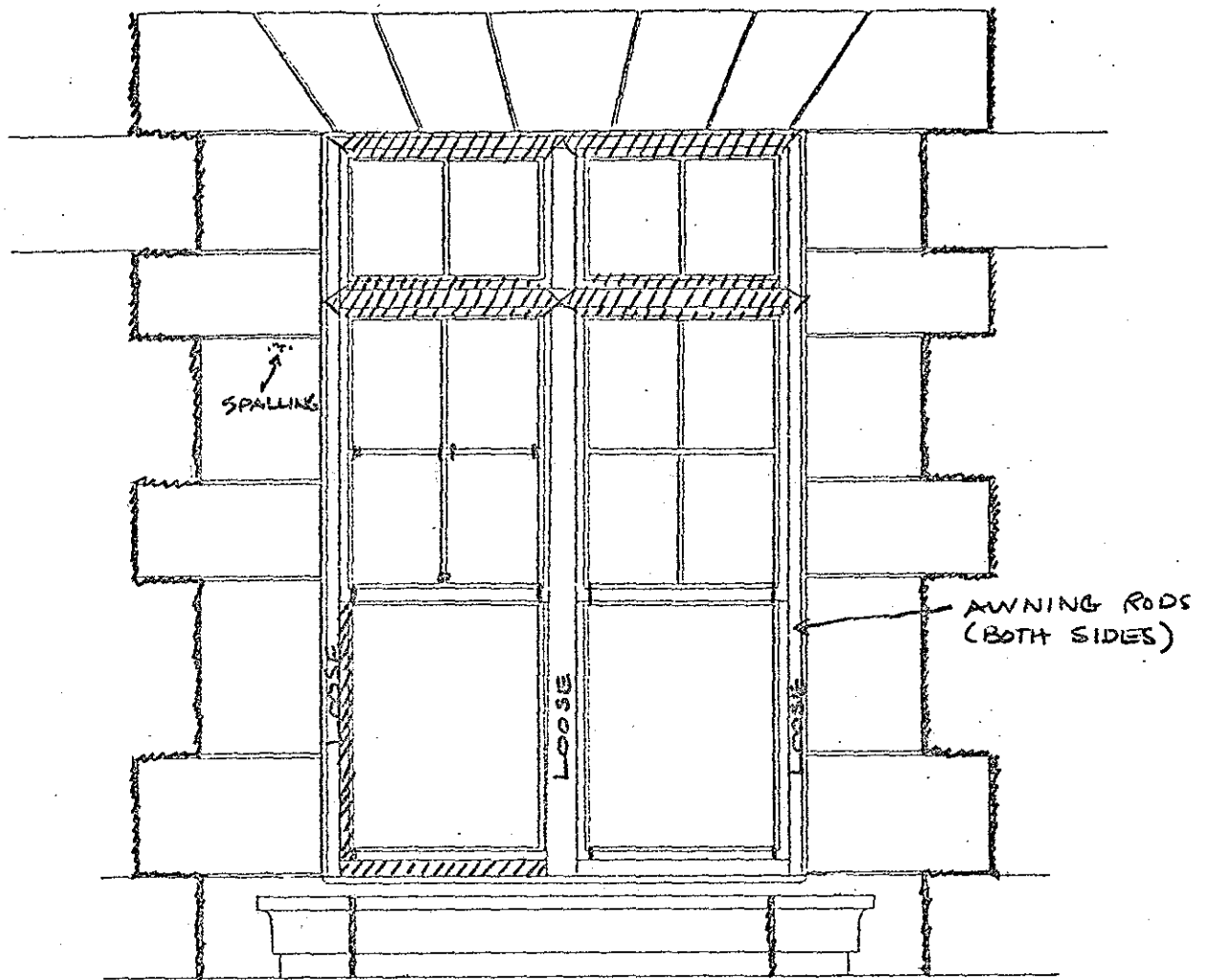
CLASS
2

MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
THE DEBENOWITZ GROUP

Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036



- INTERIOR:
- FRAME HAS FALLEN IN ON WEST (RIGHT) SIDE
 - JAMBS SPLIT AT CORNERS
 - TRANSOM & CENTER JAMB LOOSE
 - ALL FRAMING ROTTED

NO GRILL

J SECOND FLOOR EXTERIOR ELEVATIONS

NUMBER

N 203

CLASS

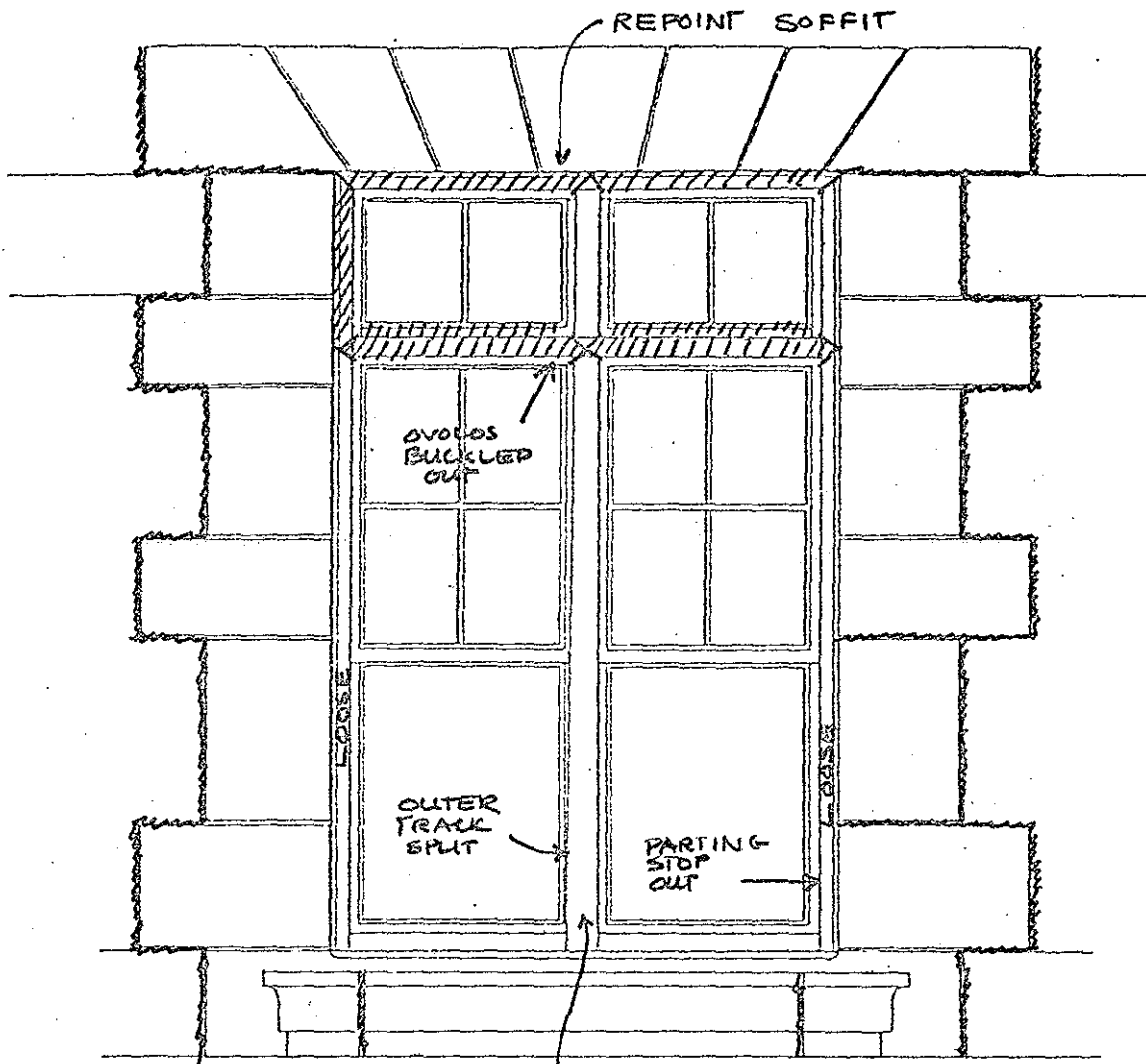
3

MECHANICAL AND ELECTRICAL REHABILITATION
 MAIN BUILDING
 ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
 THE EPENKOWITZ GROUP

Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036



LIGHT FIXTURE ATTACHED TO
OVOLOS W/ RUSTY NAILS

INTERIOR: • EAST (LEFT) STUOL ROTTED
 • " " JAMB ROTTED
 • HEAD MOULDINGS LOOSE

NO GRILL

J SECOND FLOOR EXTERIOR ELEVATIONS

NUMBER

N 204

CLASS

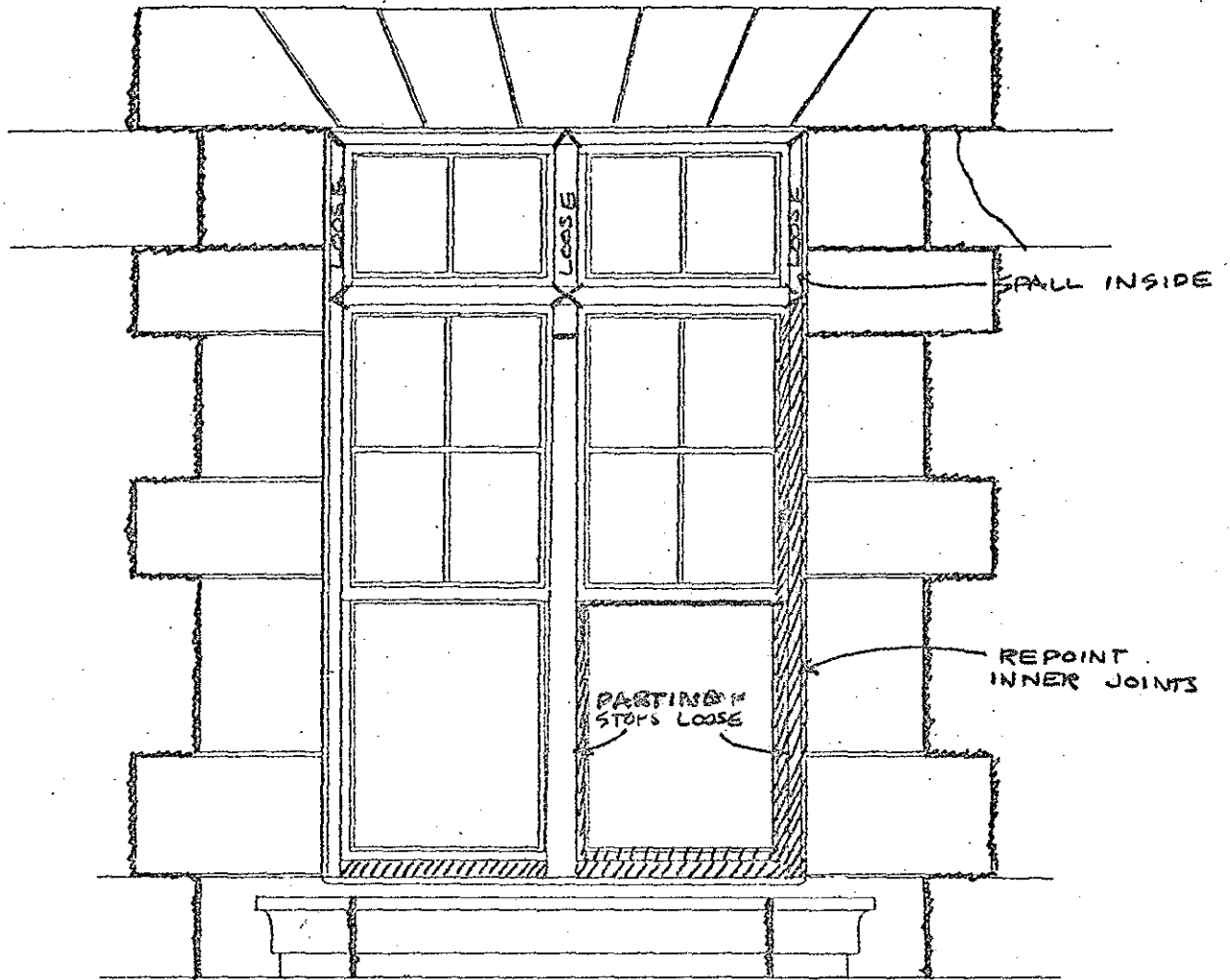
3

MECHANICAL AND ELECTRICAL REHABILITATION
 MAIN BUILDING
 ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
 THE DEBROWNYZ GROUP

Statue of Liberty National Monument, New York

19 West 41th Street, New York NY 10036



- INTERIOR:
- BOTH STOOLS ROTTED
 - WEST JAMB & DIVIDING PANEL ROTTED
 - MLDGS FRAMING RIGHT (WEST) OPENING MISSING

GRILL REMOVED

J SECOND FLOOR EXTERIOR ELEVATIONS

NUMBER
N 205

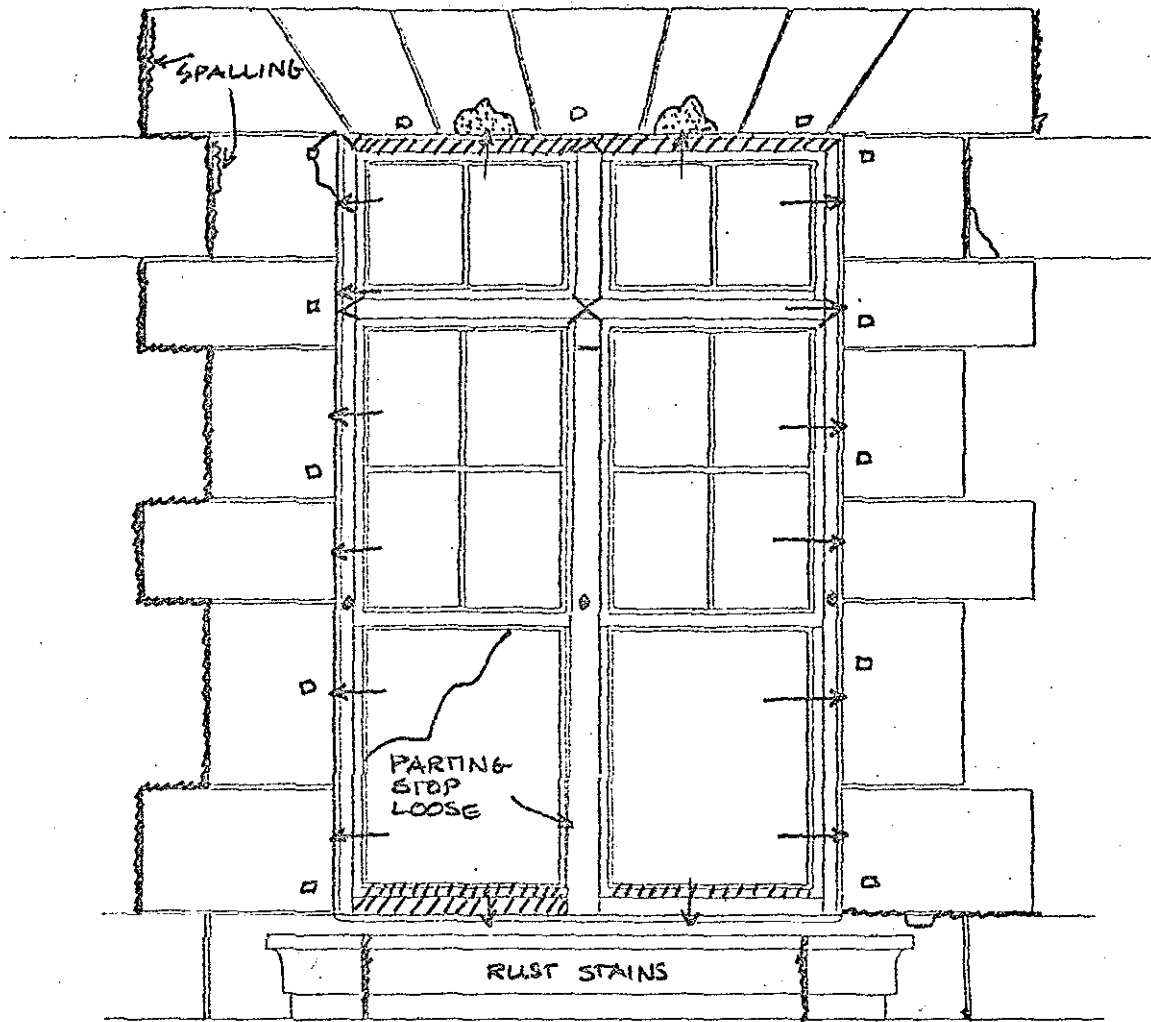
CLASS
3

MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
THE BERENSONITZ GROUP

Statue of Liberty National Monument, New York

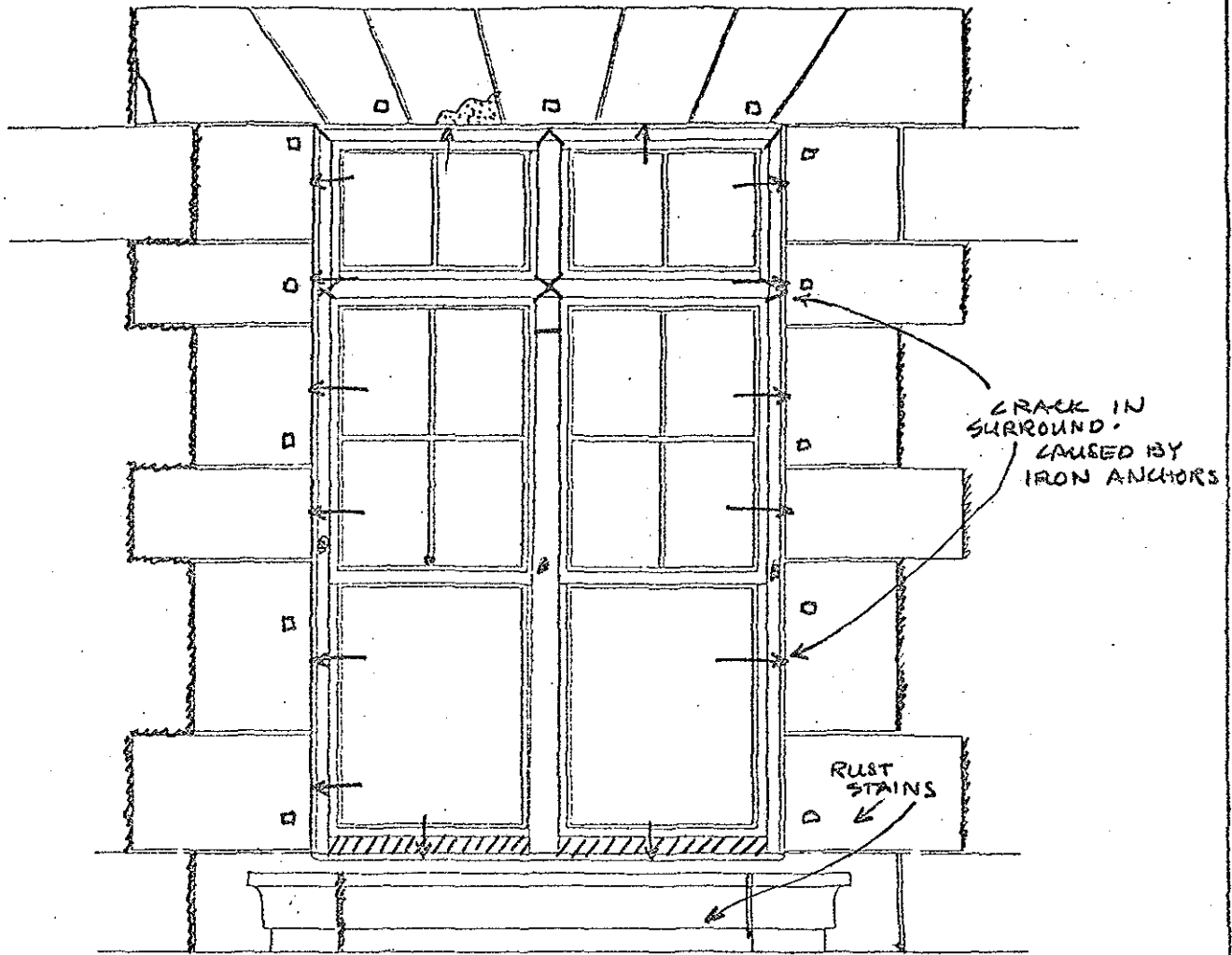
19 West 44th Street, New York NY 10036



- INTERIOR:
- ALL MLDGS WET, ALL JOINTS OPEN
 - HEAD BULGES - REPLACE IT & TOP OF TRANSOM
 - WINDOWS WILL NOT OPEN
 - EAST (LEFT) SIDE WET & ROTTED

GRILL

J SECOND FLOOR EXTERIOR ELEVATIONS	NUMBER N211	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE DESSKANTZ GROUP 19 West 44th Street, New York NY 10036	



- INTERIOR:
- ALL WOOD WET BUT APPEARS SOUND.
 - MLDGS FRAMING TRANSOM OPENINGS ON BOTH SIDES WARPED & LOOSE
 - SASH NAILED SHUT
 - TRANSOM MECHANISM RUSTY

GRILL

J SECOND FLOOR EXTERIOR ELEVATIONS

NUMBER
N212

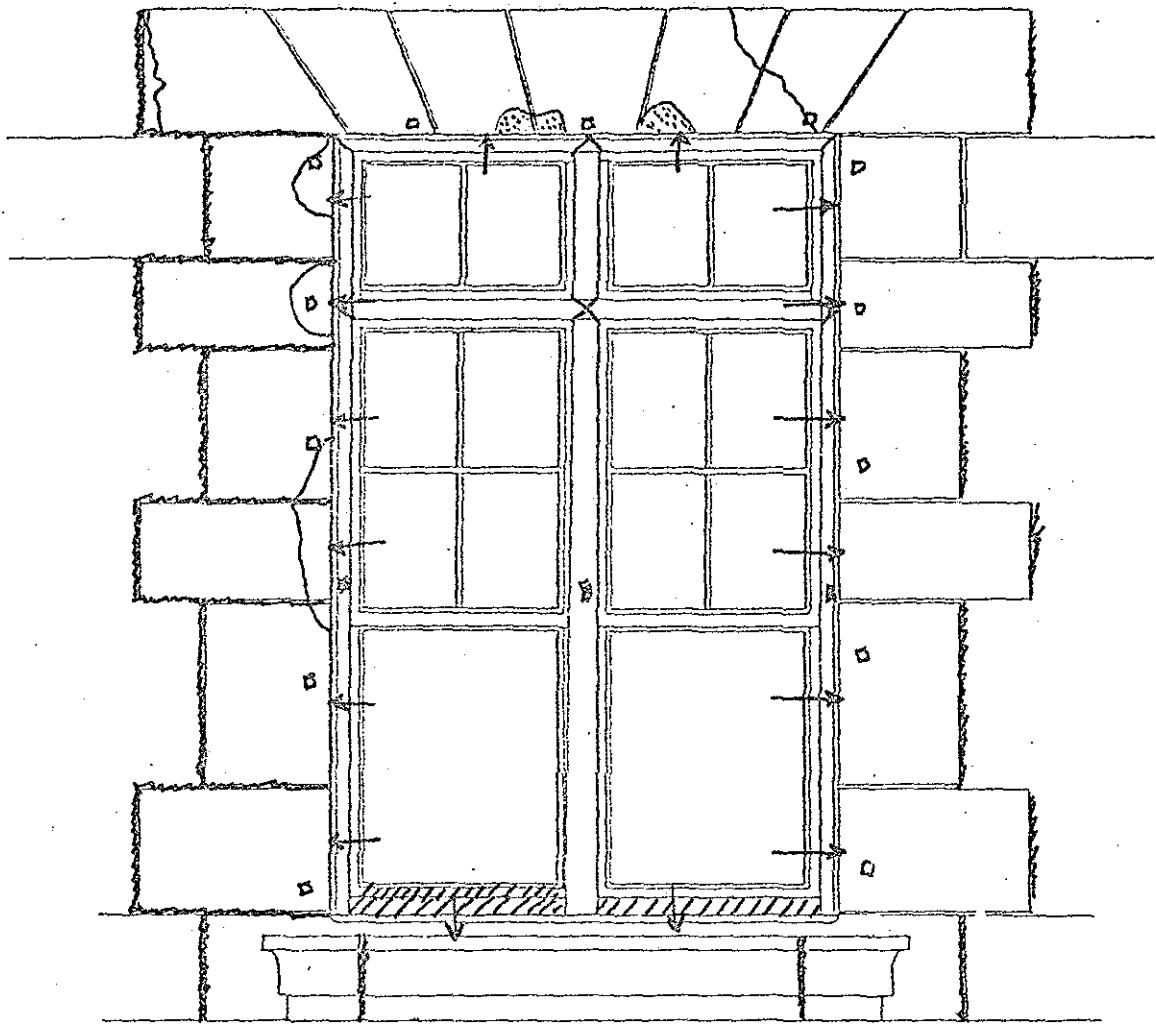
CLASS
2

MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
THE DEBRANWITZ GROUP

Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036



INTERIOR: UPPER PART OF FRAME COMPLETELY
TORN OFF.

GRILL

J SECOND FLOOR EXTERIOR ELEVATIONS

NUMBER

N 213

CLASS

43

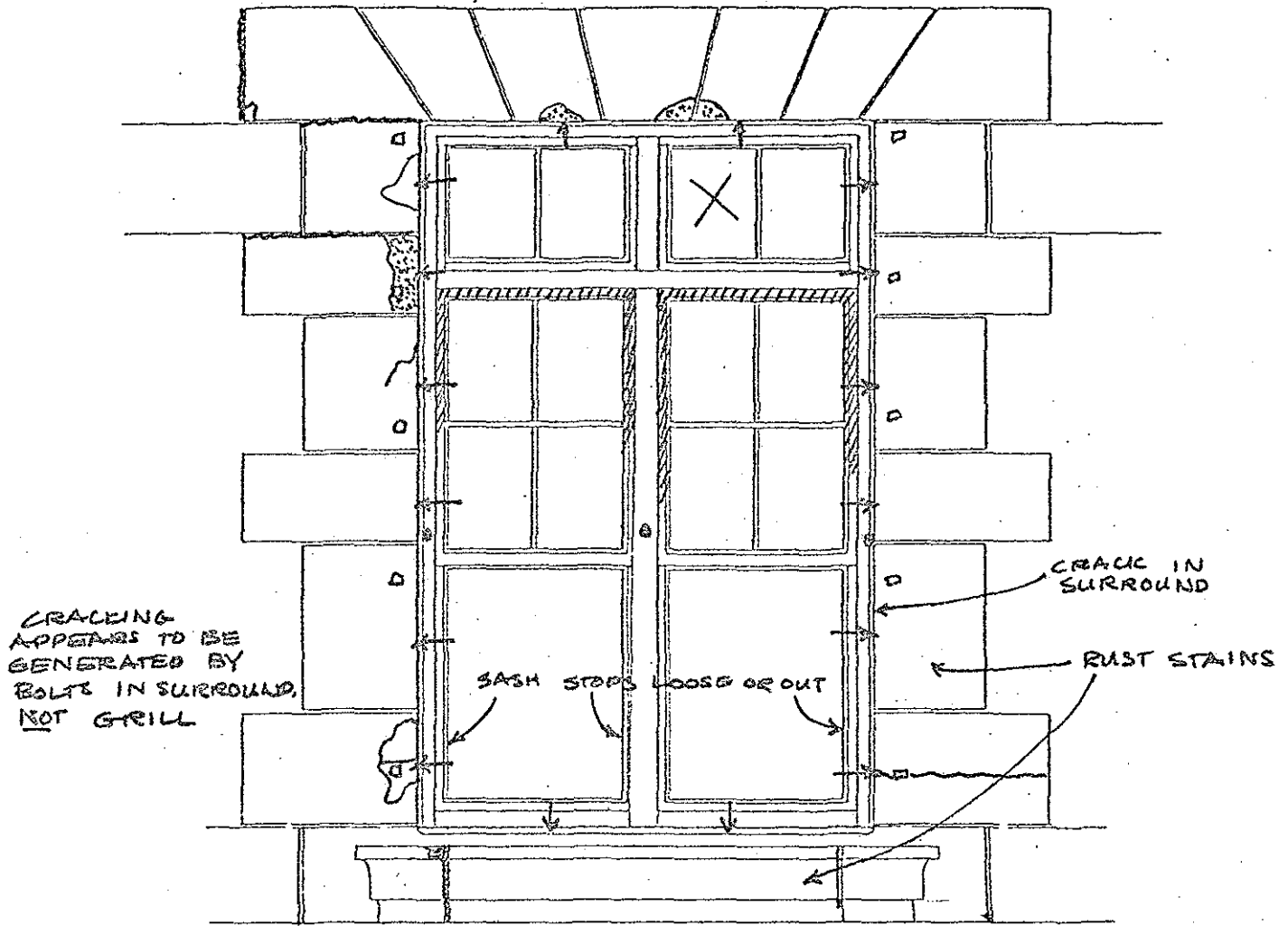
MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY

THE DESKOWITZ GROUP

Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036



HEAD & TRANSOM ROTTED INSIDE
 TRANSOM MECHANISM RUSTED

GRILL IN PLACE

J SECOND FLOOR EXTERIOR ELEVATIONS

MECHANICAL AND ELECTRICAL REHABILITATION
 MAIN BUILDING
 ELLIS ISLAND

Statue of Liberty National Monument, New York

NUMBER
 N 214

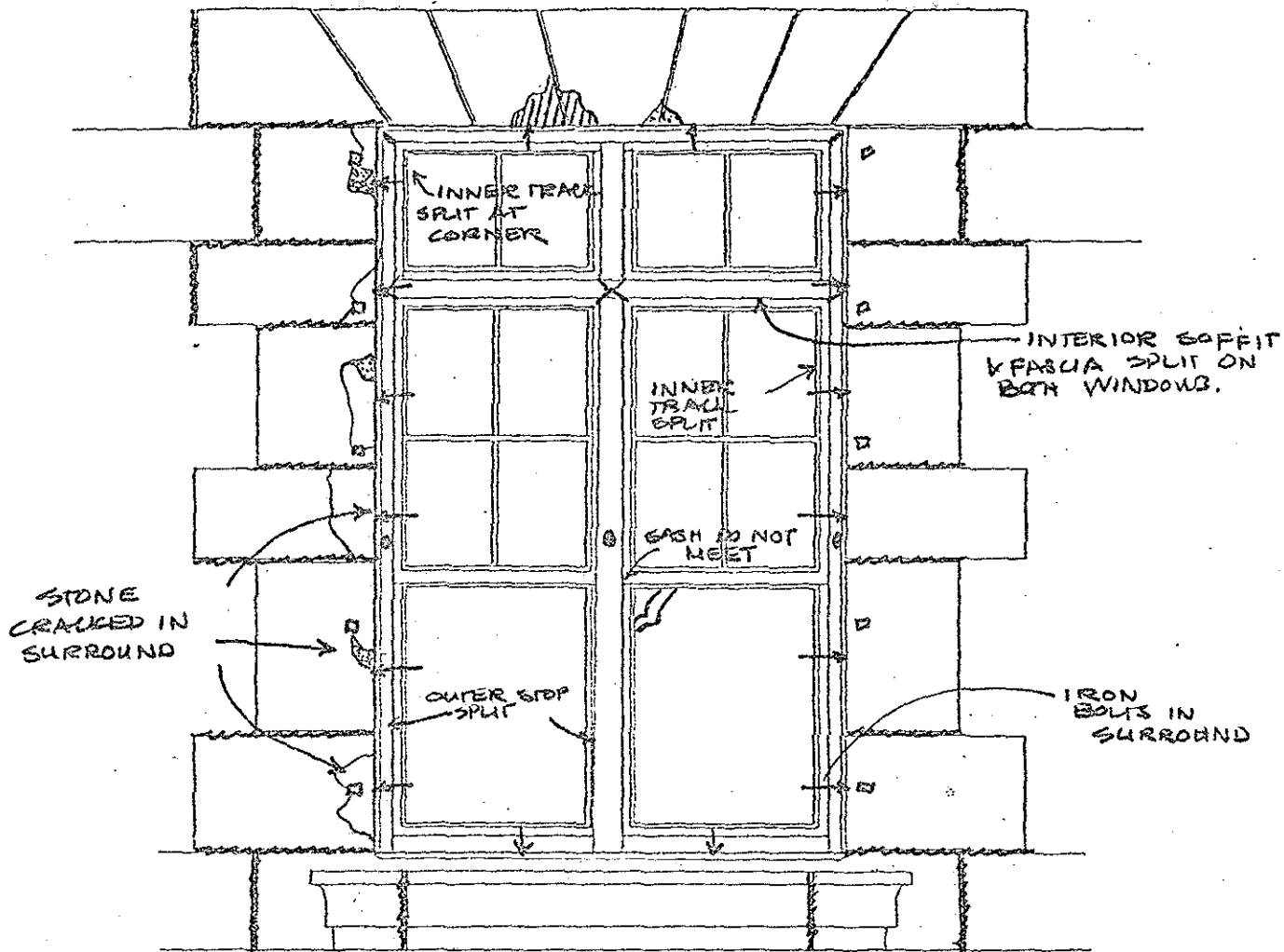
BUILDING CONSERVATION TECHNOLOGY
 THE DEENOWITZ GROUP

19 West 44th Street, New York NY 10036

CLASS

wood 3

2
 stone



INTERIOR WOOD DAMP. MOULDINGS LOOSE ; WINDOWS
WILL NOT OPEN - UNABLE TO CHECK EXTERIOR TRIM

TRANSOM MECHANISM RUSTED

GRILL IN PLACE

J SECOND FLOOR EXTERIOR ELEVATIONS

NUMBER
N215

CLASS

2
wood

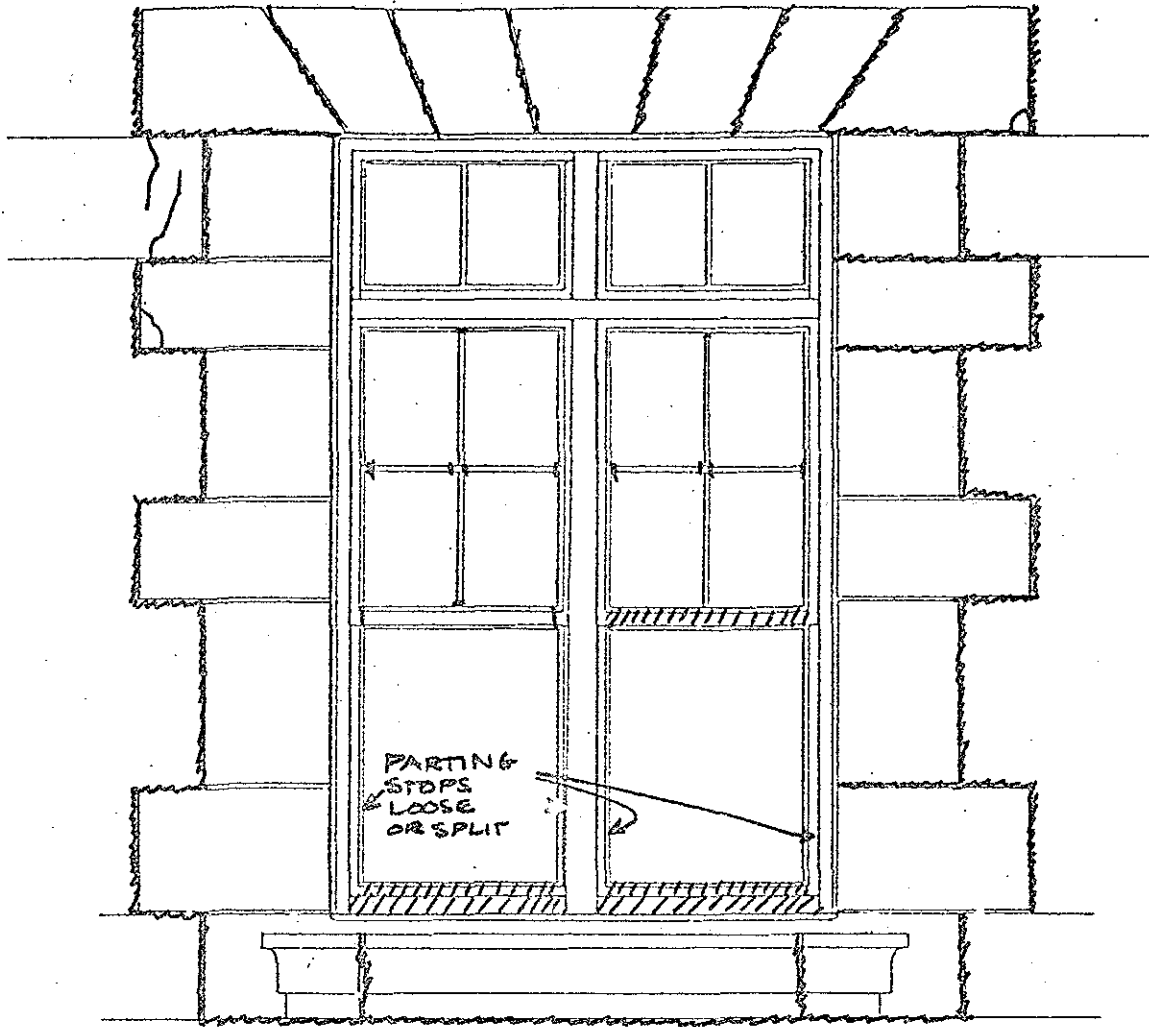
MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
THE DEERWANTZ GROUP

2
stone

Status of Liberty National Monument, New York

19 West 44th Street, New York NY 10036



FRAME BUILT ON TOP OF OVOLOS - REMOVE

NO GRILL

J SECOND FLOOR EXTERIOR ELEVATIONS

NUMBER
E 201

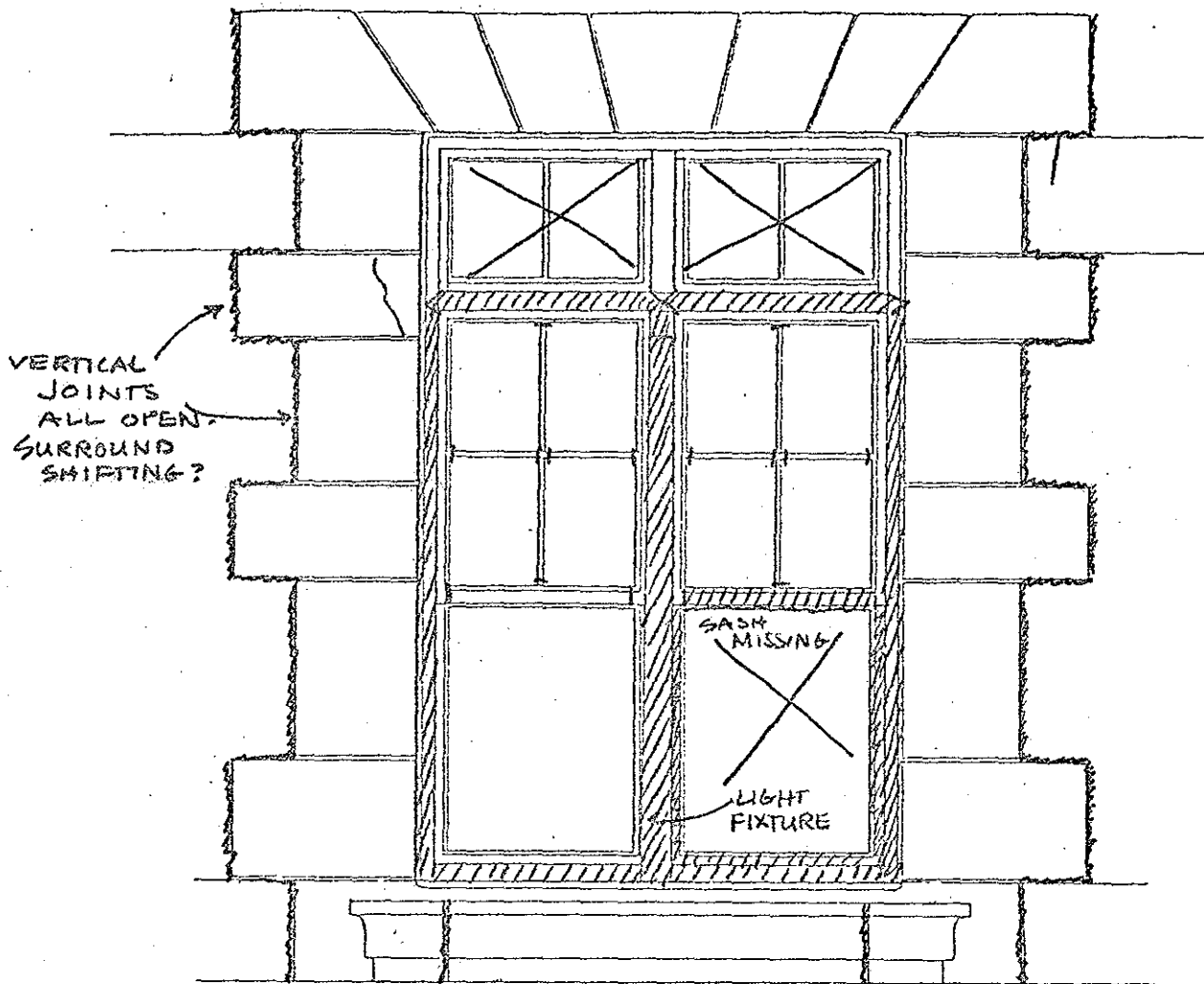
CLASS
2

MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
THE ESPENOWITZ GROUP

Statue of Liberty National Monument, New York

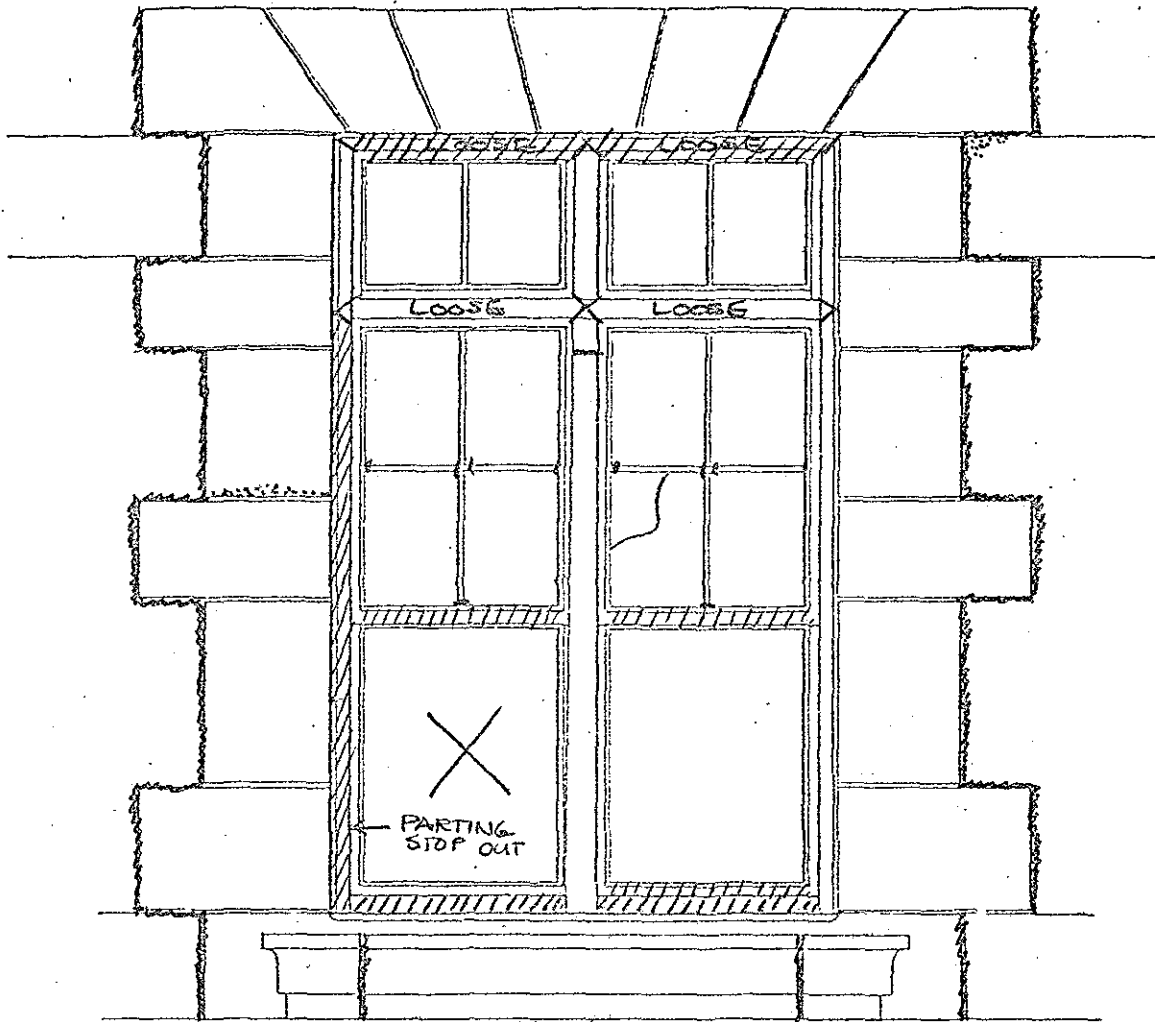
19 West 44th Street, New York NY 10036



- INTERIOR:
- REPLACE HEAD & TRANSOM
 - REPLACE NORTH (RIGHT) SASH
 - SOUTH JAMB PULLING APART
 - NORTH JAMB SPLIT, WINDOW FALLING IN

NO GRILL

J SECOND FLOOR EXTERIOR ELEVATIONS	NUMBER E 203	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE DEBENRANTZ GROUP 19 West 44th Street, New York NY 10036	



- INTERIOR:
- NORTH (RIGHT) JAMB: ROTTING, FRAME FALLING IN
 - REPLACE STOOL, SOUTH (LEFT) WINDOW
 - REPLACE HEAD & TRANSOM

NO GRILL

J SECOND FLOOR EXTERIOR ELEVATIONS

NUMBER
E 204

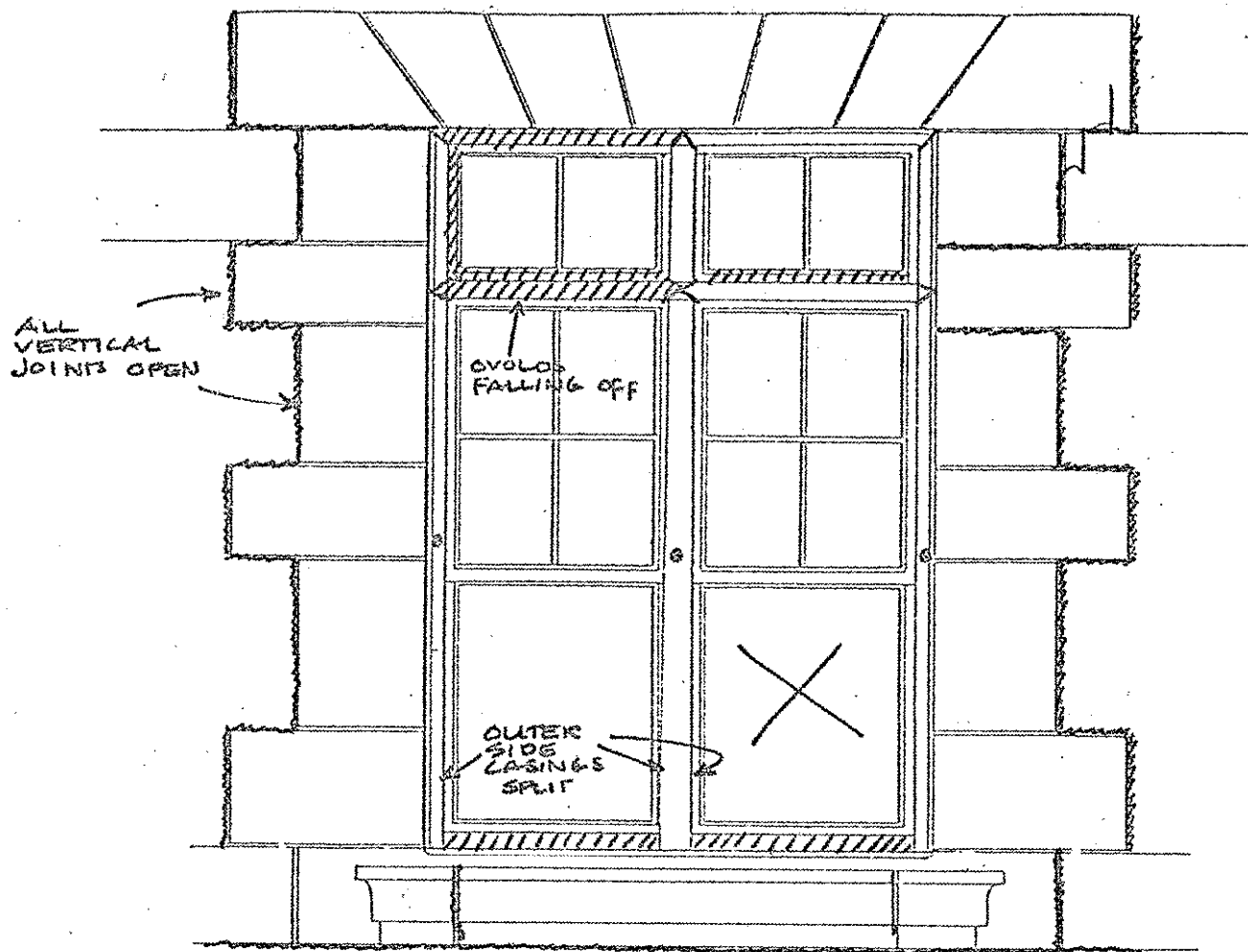
CLASS
3

MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
THE DEBENOWITZ GROUP

Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036



- INTERIOR:
- SASH WILL NOT OPEN.
 - FRAMING ON SOUTH (LEFT) SIDE SPLIT
 - HEAD FASCIA WARPED - REPLACE

NO GRILL

J SECOND FLOOR EXTERIOR ELEVATIONS

NUMBER

E 205

CLASS

2

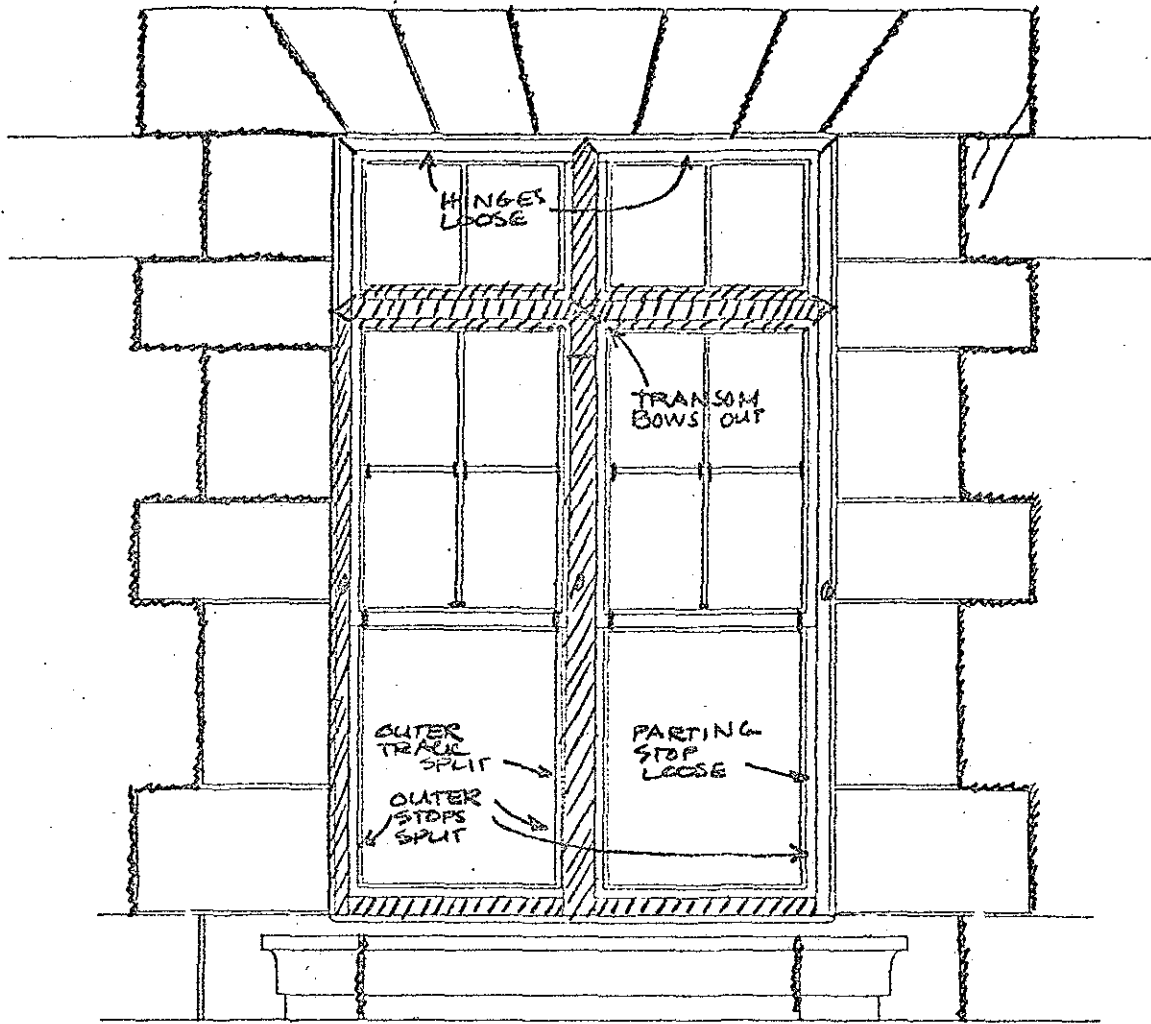
MECHANICAL AND ELECTRICAL REHABILITATION
 MAIN BUILDING
 ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY

THE DEBRONZ GROUP

Statue of Liberty National Monument, New York

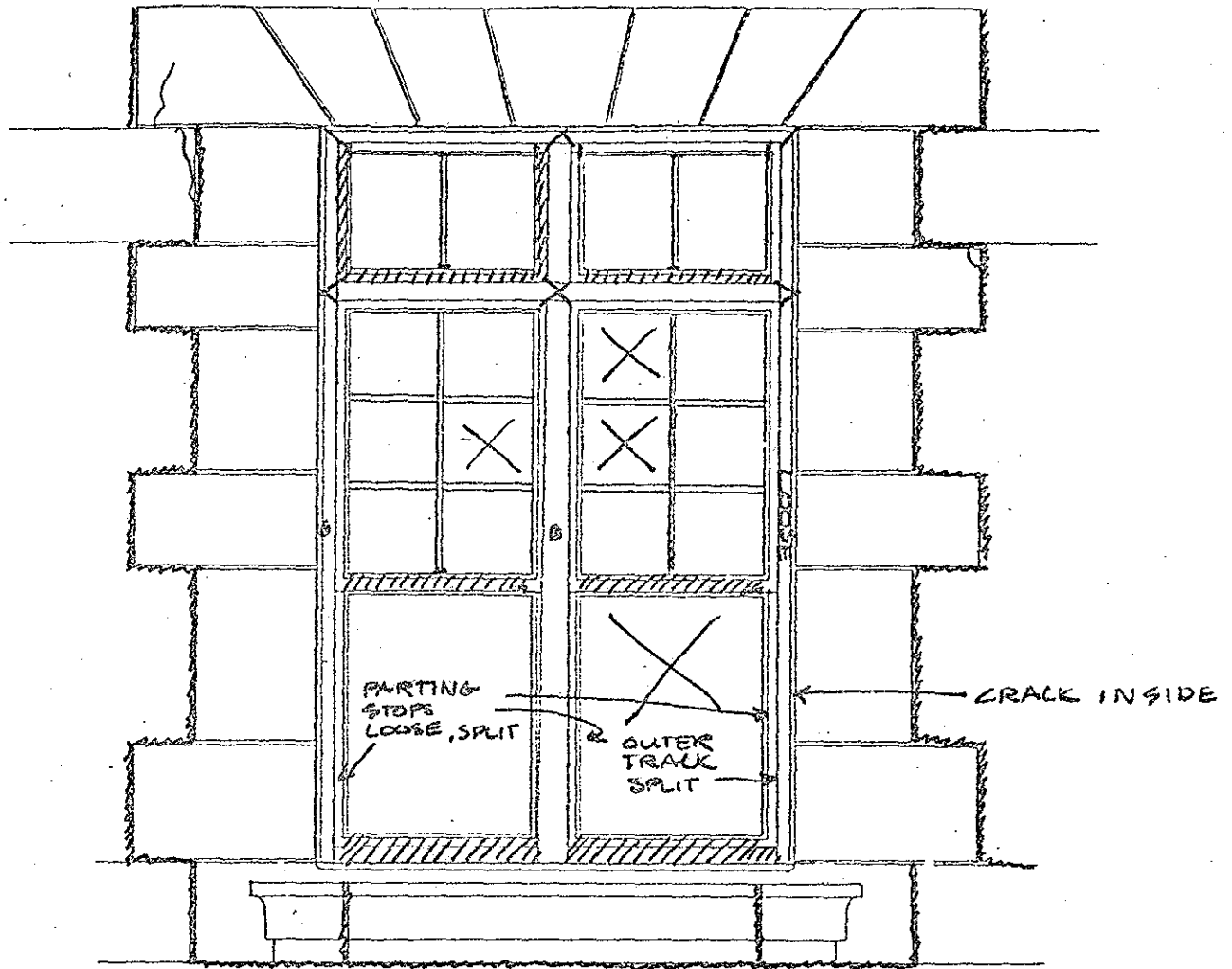
19 West 44th Street, New York NY 10036



INTERIOR: REPLACE BOTH STOOLS

NO GRILL

J SECOND FLOOR EXTERIOR ELEVATIONS	NUMBER E 206	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE DEBENOWITZ GROUP 19 West 44th Street, New York NY 10036	



INTERIOR: • HEAD & TRANSOM SPLIT, ROTED 1

NO GRILL

J SECOND FLOOR EXTERIOR ELEVATIONS

NUMBER
E 207

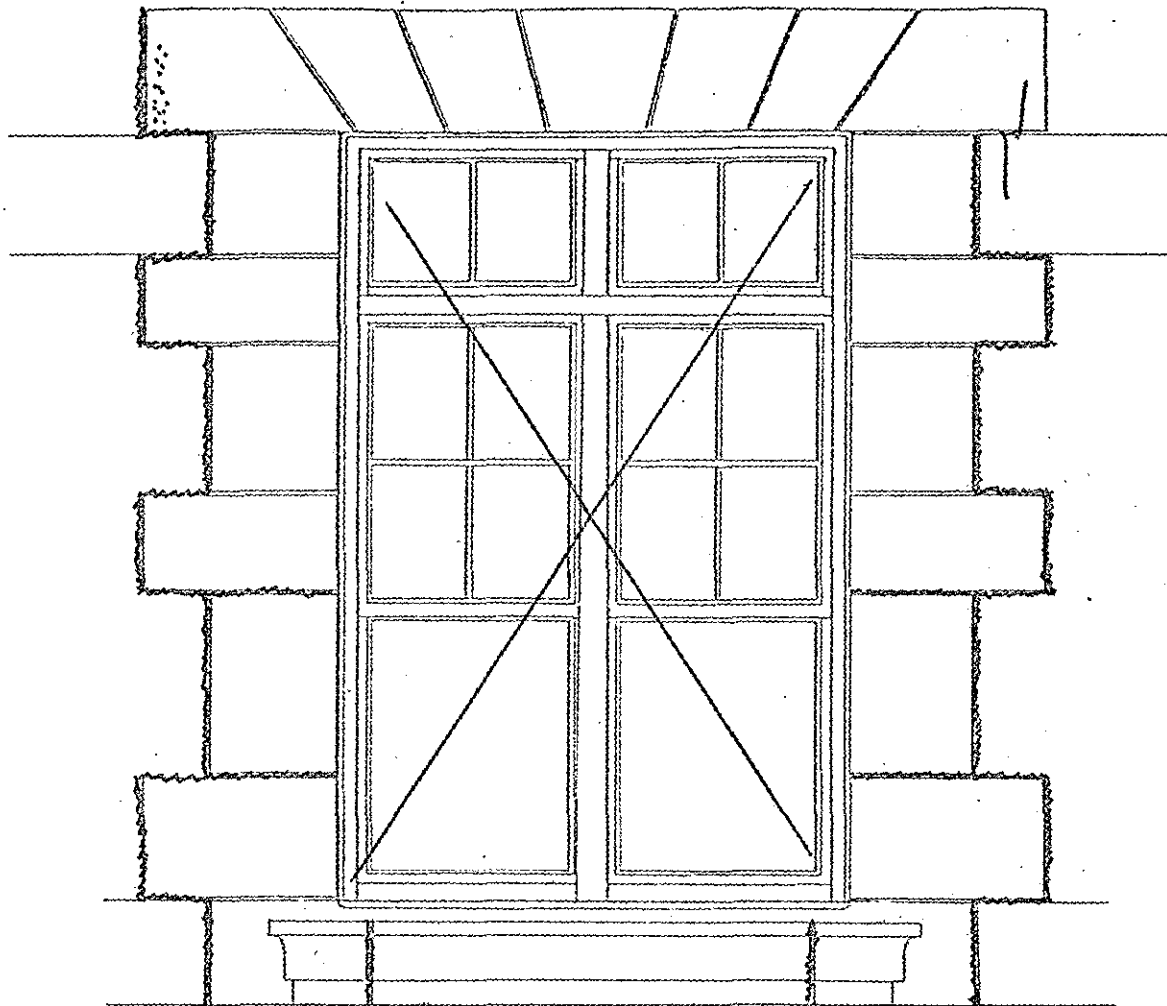
CLASS
73

MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
THE DEENORWITZ GROUP

Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036



INTERIOR: IRON LINTEL EXPOSED & RUSTY

NO GRILL

J SECOND FLOOR EXTERIOR ELEVATIONS

NUMBER
E208

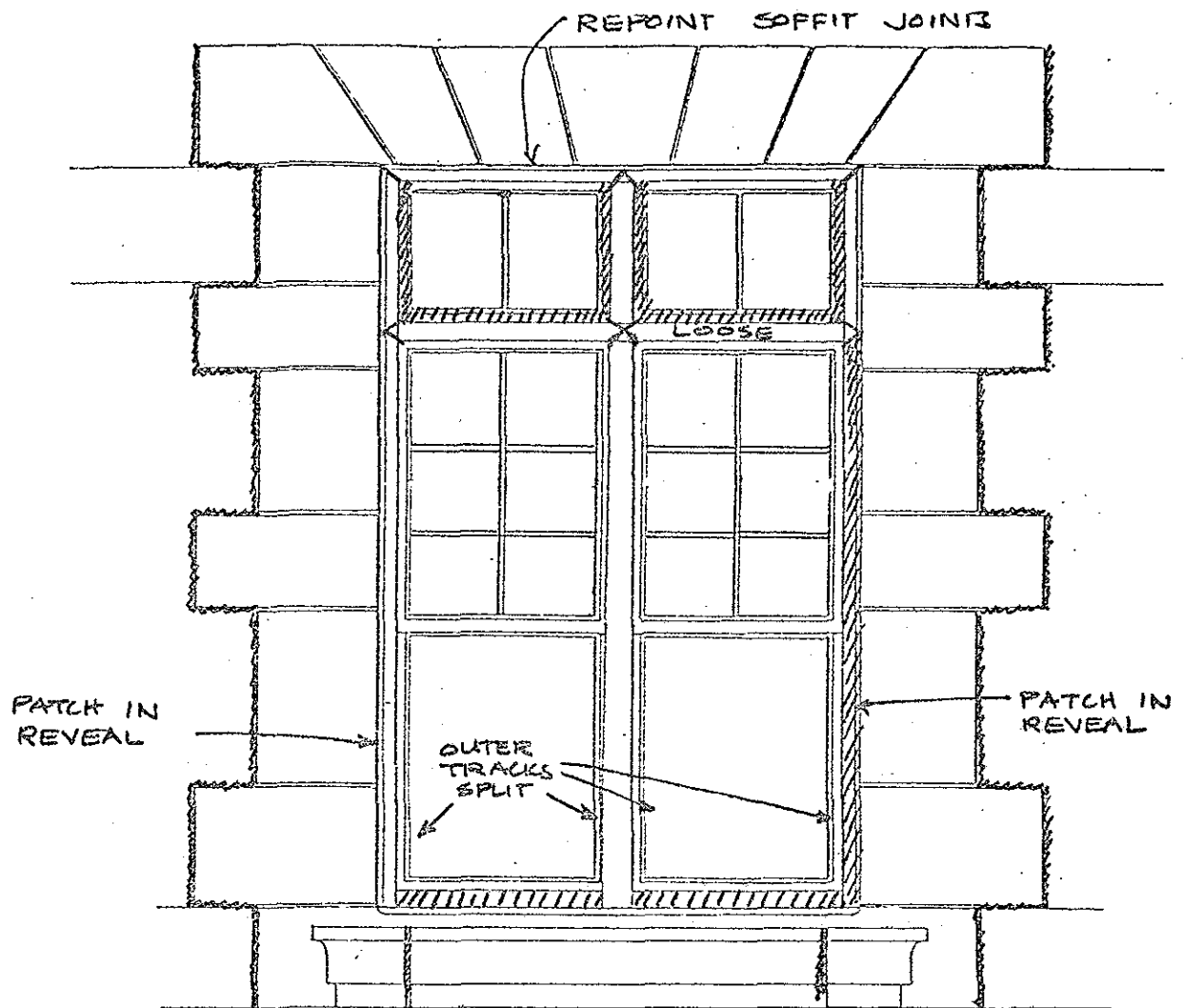
CLASS
3

MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
THE DEGENOWITZ GROUP

Statue of Liberty National Monument, New York

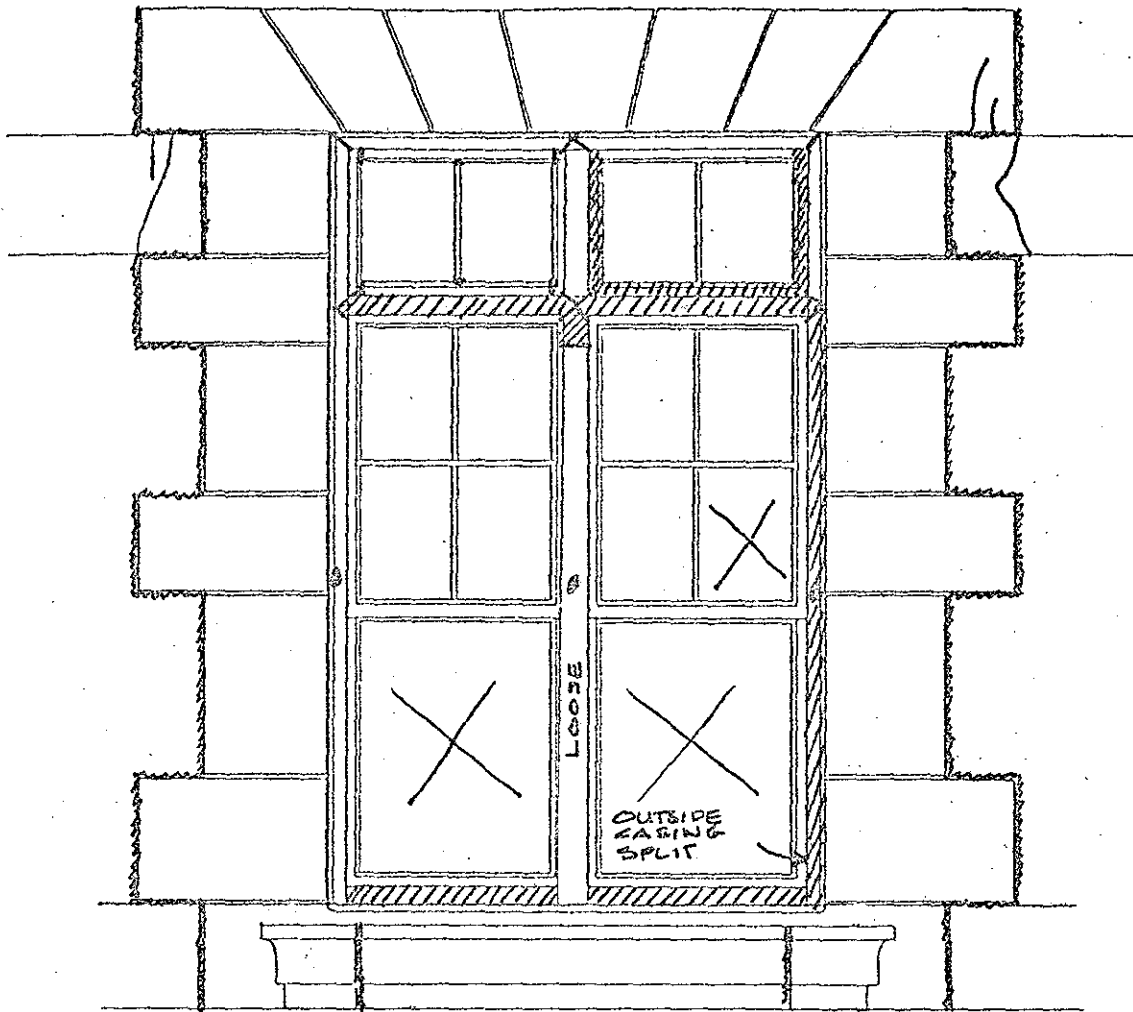
19 West 44th Street, New York NY 10036



INTERIOR: - REPLACE BOTH STOOLS
 - SASH WILL NOT OPEN

NO GRILL

J SECOND FLOOR EXTERIOR ELEVATIONS	NUMBER E209	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE DEBENQWITZ GROUP 19 West 44th Street, New York NY 10036	



INTERIOR: TRANSOM FASCIA SPLIT

NO GRILL

J SECOND FLOOR EXTERIOR ELEVATIONS

NUMBER
E210

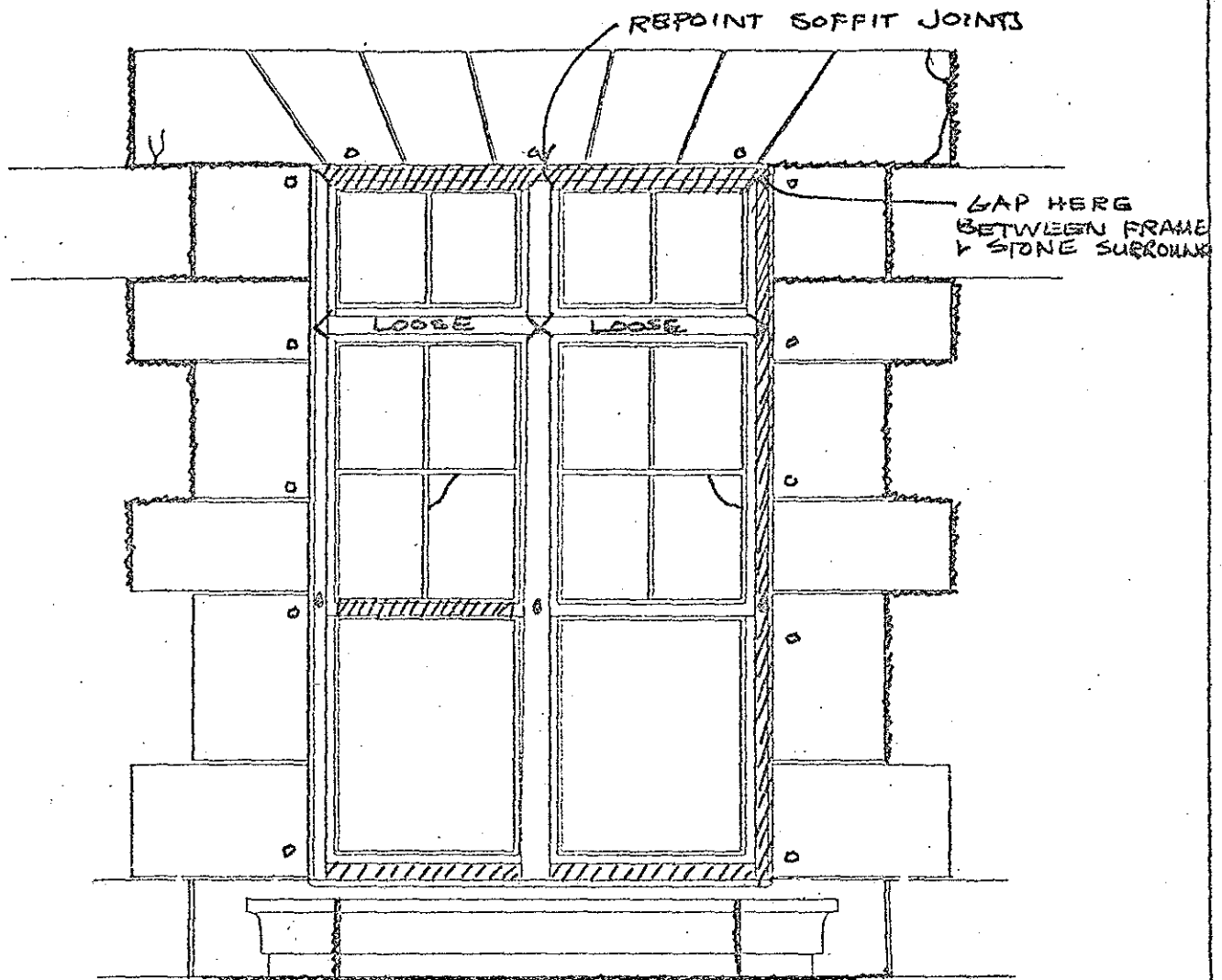
CLASS
2

MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
THE EPENKOWITZ GROUP

Statue of Liberty National Monument, New York

29 West 44th Street, New York NY 10036



- INTERIOR:
- HEAD & TRANSOM SPLIT & WARPED
 - SOFFIT OF HEAD HAS FALLEN OFF
 - JAMBS ON BOTH SIDES OF WEST (LEFT) WINDOW LOOSE
 - EAST (RIGHT) JAMB ROTTED
 - SASH APPEARS O.K.

GRILL REMOVED

J SECOND FLOOR EXTERIOR ELEVATIONS

NUMBER

S 201

CLASS

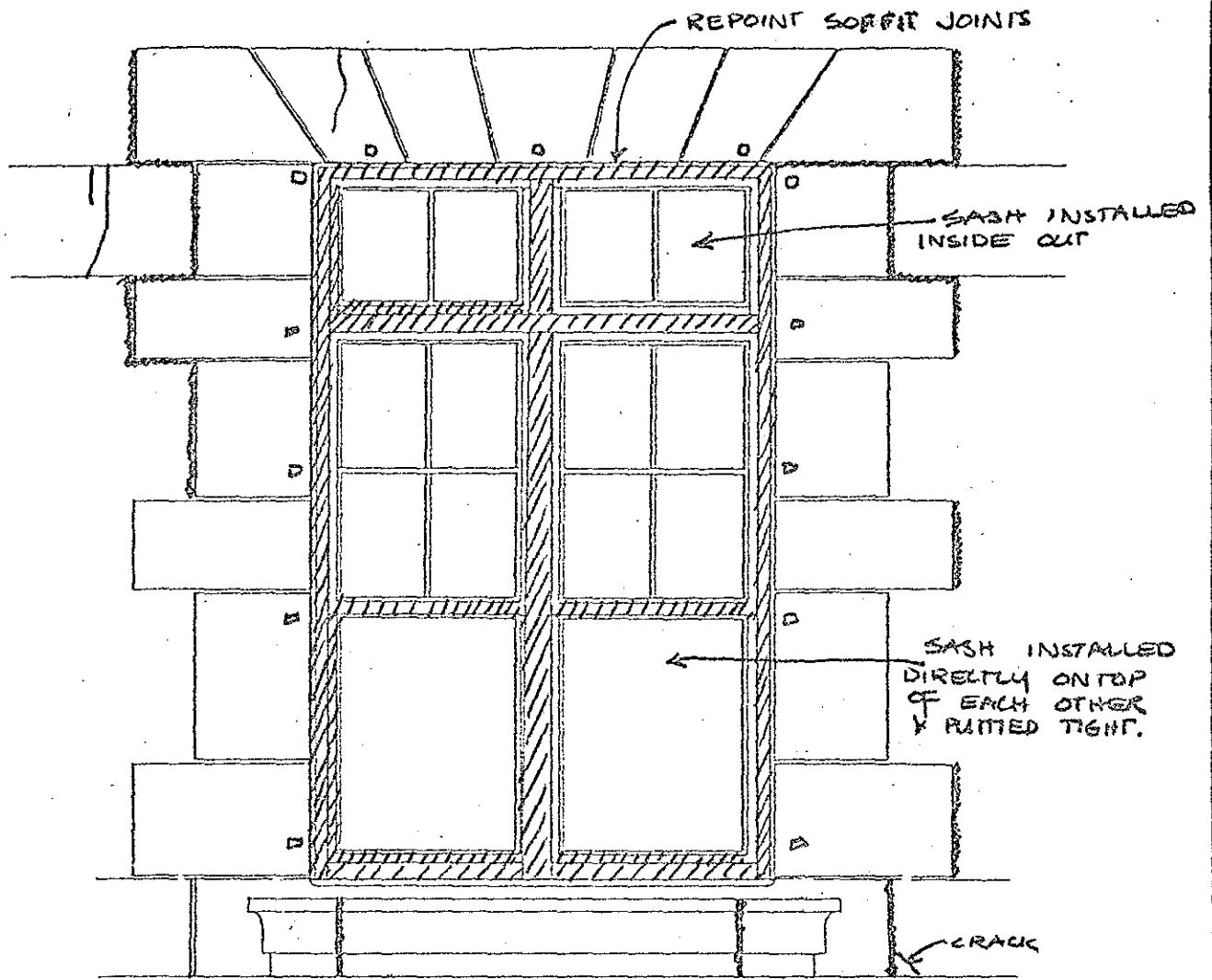
3

MECHANICAL AND ELECTRICAL REHABILITATION
 MAIN BUILDING
 ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
 THE DEEROWITZ GROUP

Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036



ALL OUTER MOULDINGS AND FRAMEWORK HAVE BEEN REPLACED WITH MAKE-SHIFT FRAME.

GRILL REMOVED

J SECOND FLOOR EXTERIOR ELEVATIONS

NUMBER

5202

CLASS

3

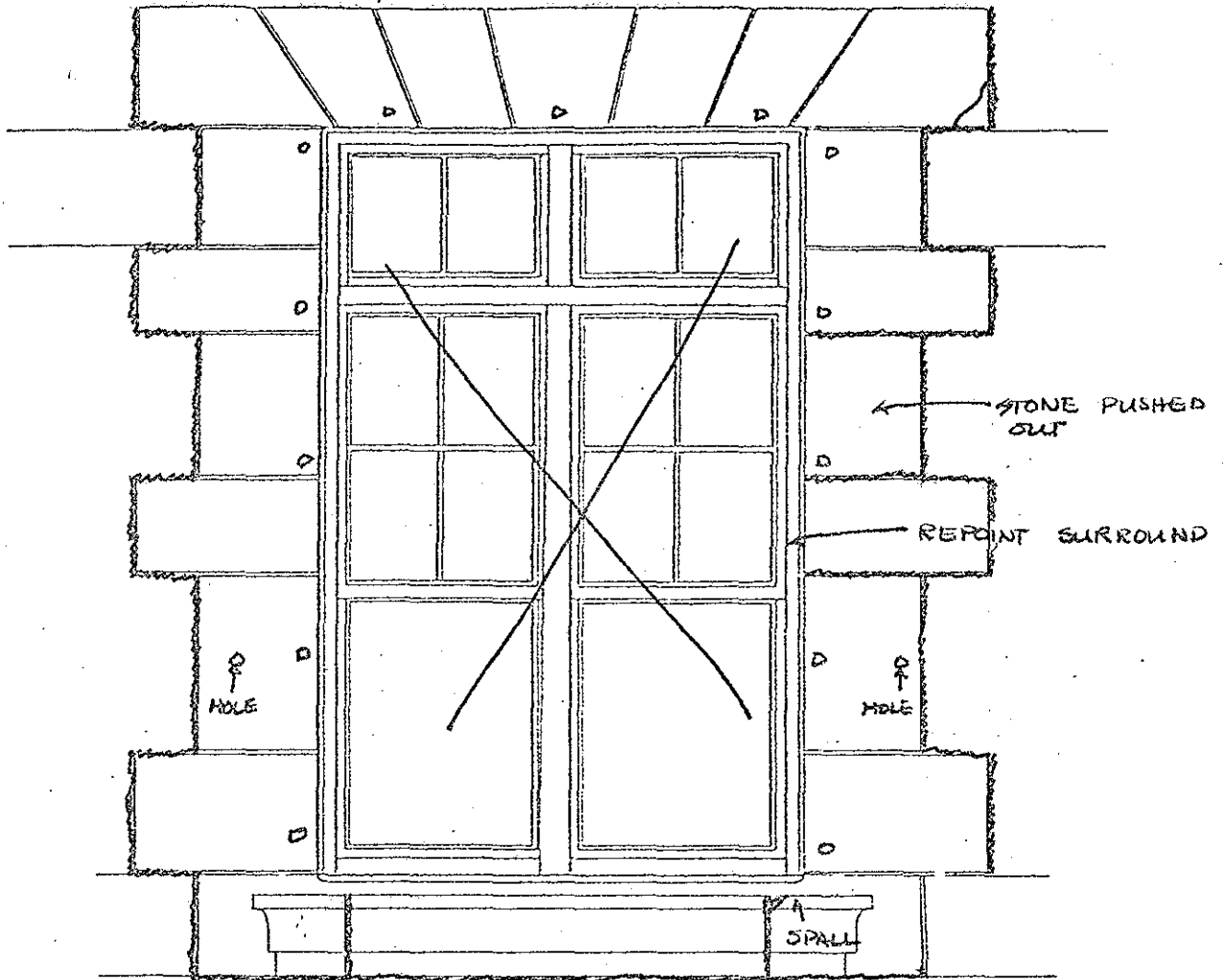
MECHANICAL AND ELECTRICAL REHABILITATION
 MAIN BUILDING
 ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY

THE DEEROWITZ GROUP

Statue of Liberty National Monument, New York

19 West 48th Street, New York NY 10036



WINDOW HAS FALLEN OUT

GRILL REMOVED

J SECOND FLOOR EXTERIOR ELEVATIONS

NUMBER
5203

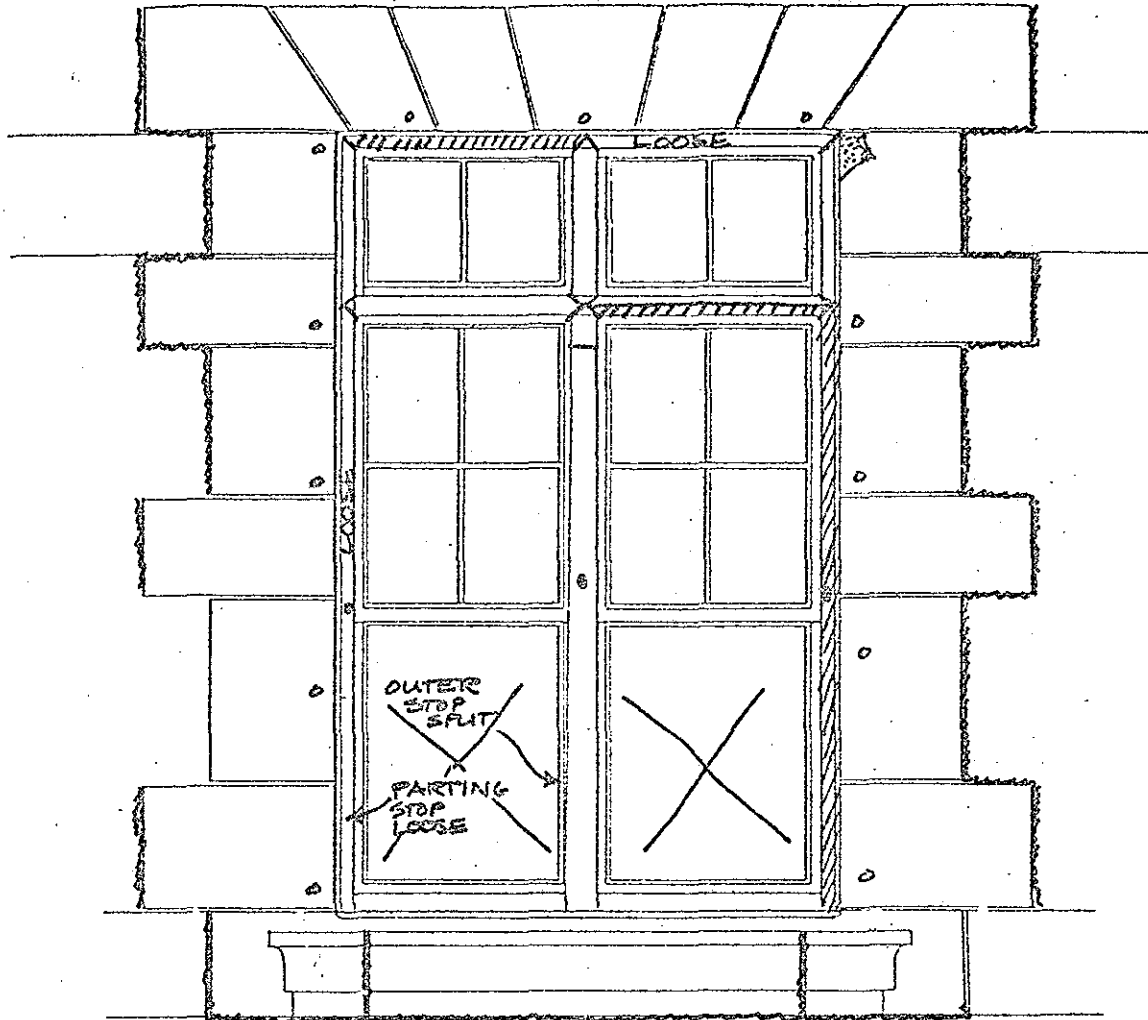
CLASS
3

MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
THE DEEROWITZ GROUP

Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036



INTERIOR: • SOFFIT OF HEAD SPLIT
 • CEILING LOWERED TO TRANSOM BAR

GRILL REMOVED

J SECOND FLOOR EXTERIOR ELEVATIONS

NUMBER
 5204

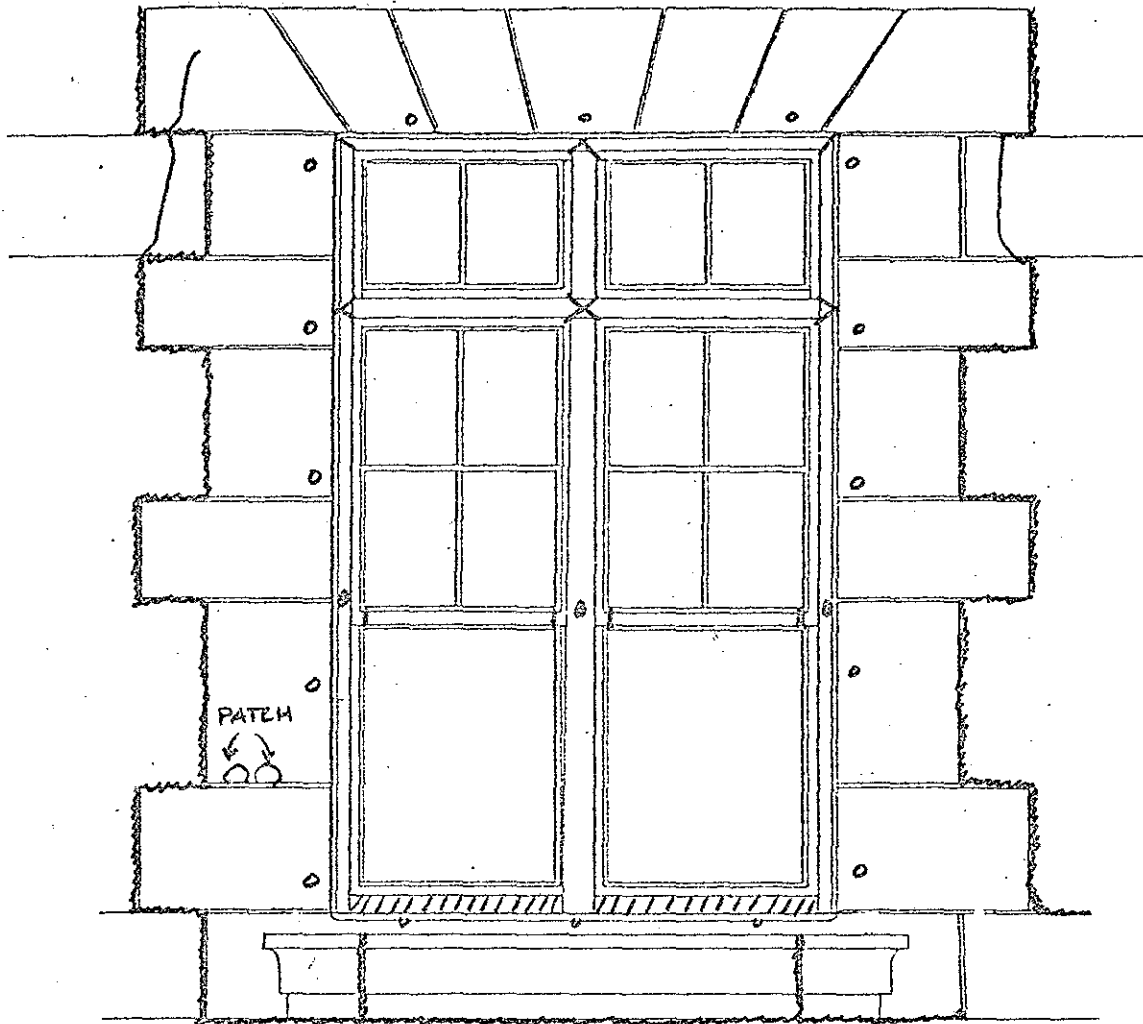
CLASS
 2
 wood
 2
 stone

MECHANICAL AND ELECTRICAL REHABILITATION
 MAIN BUILDING
 ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
 THE DEBOSKOWITZ GROUP

Statue of Liberty National Monument, New York

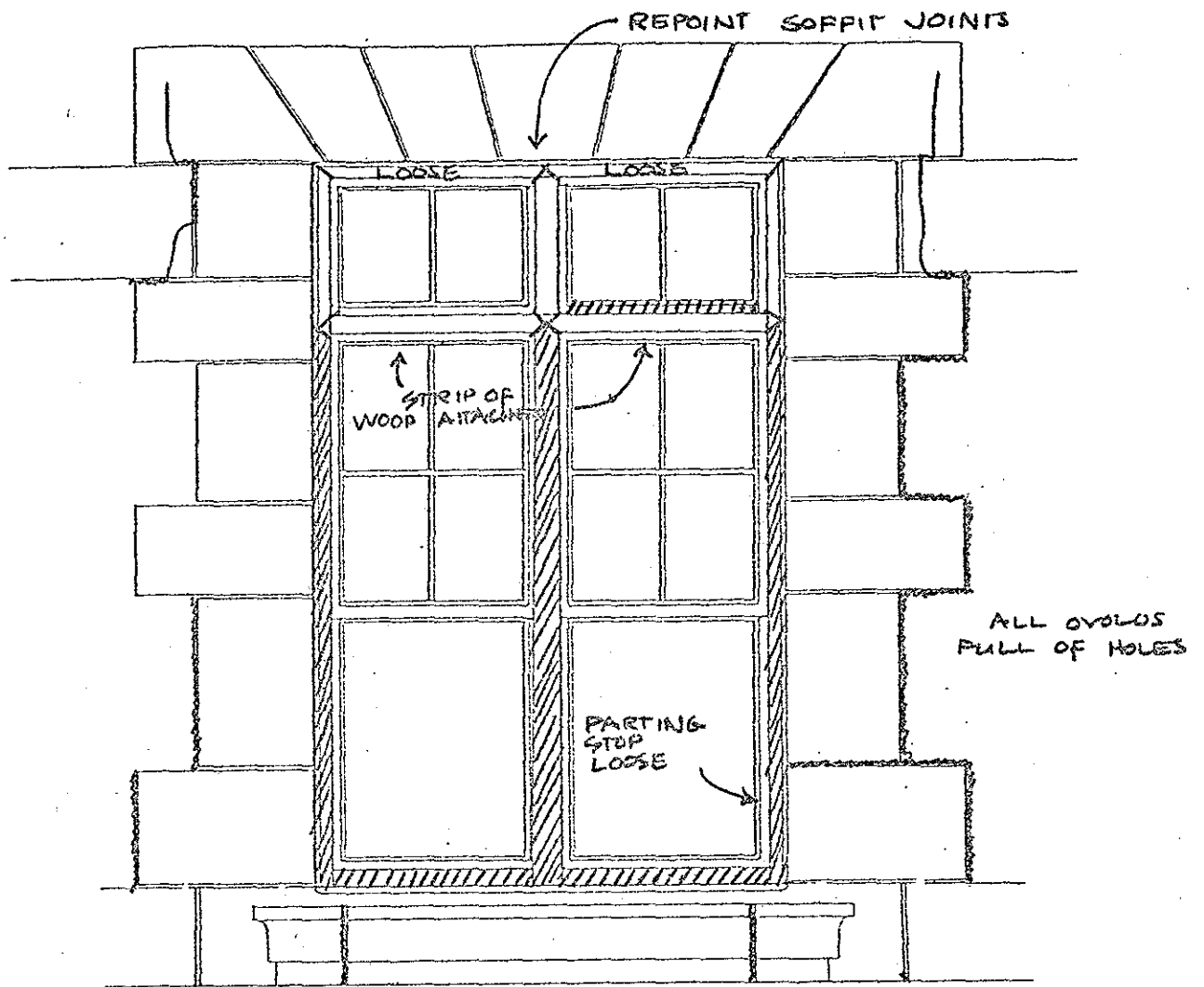
19 West 44th Street, New York NY 10036



INTERIOR: • MLDS LOOSE, JOINTS OPEN
 • TRANSOM MECHANISM RUSTED

GRILL REMOVED.

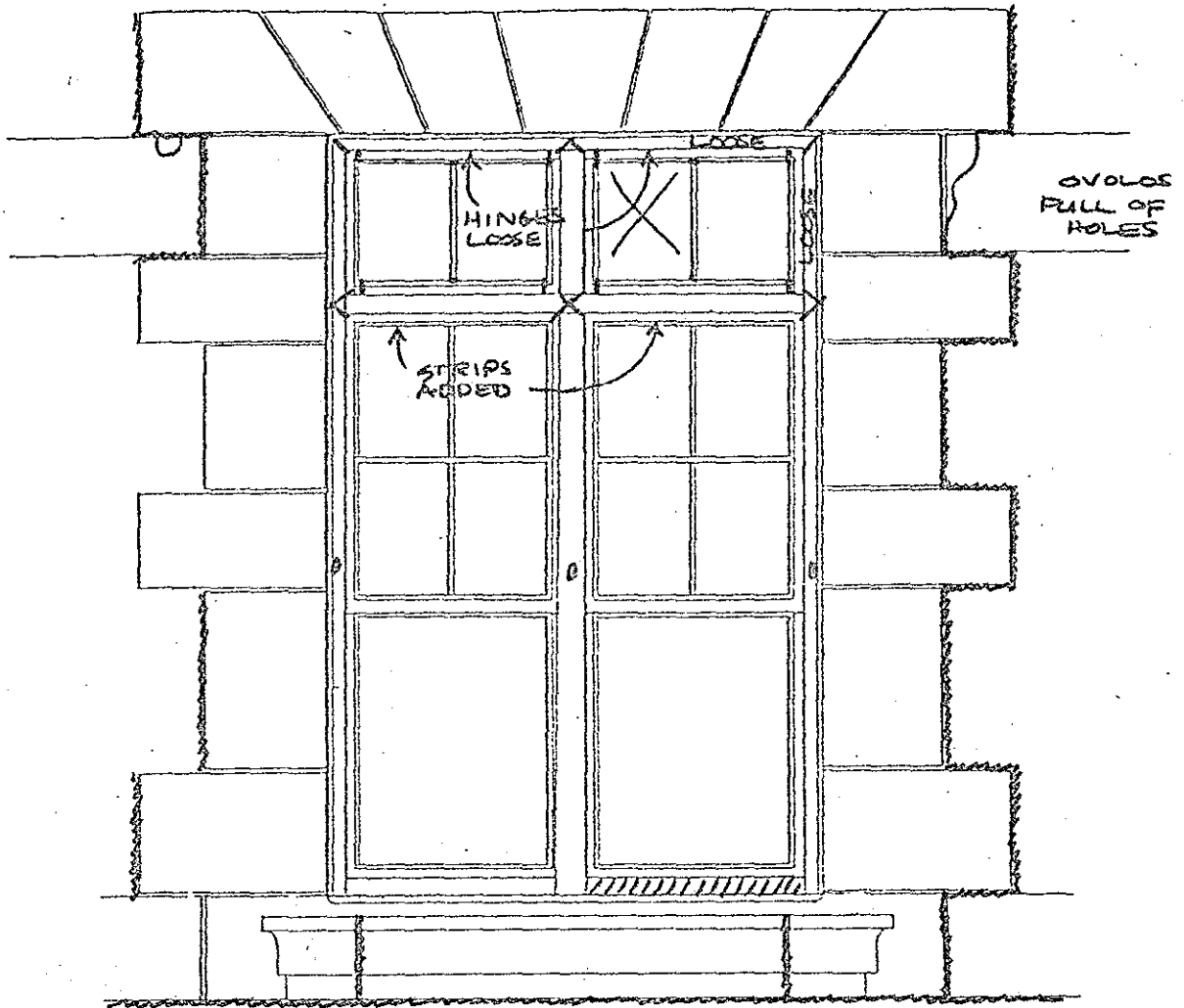
J SECOND FLOOR EXTERIOR ELEVATIONS	NUMBER S205	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE DEBORANTZ GROUP 19 West 44th Street, New York NY 10036	



INTERIOR: • REPLACE HEAD

NO GRILL

SECOND FLOOR EXTERIOR ELEVATIONS	NUMBER 5211	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE DEERWITZ GROUP 19 West 44th Street, New York NY 10036	



INTERIOR : EAST JAMB FRAMING ROTTED, WINDOW
 BEGINNING TO SAG IN FROM TOP.

NO GRILL

J SECOND FLOOR EXTERIOR ELEVATIONS

NUMBER
 5212

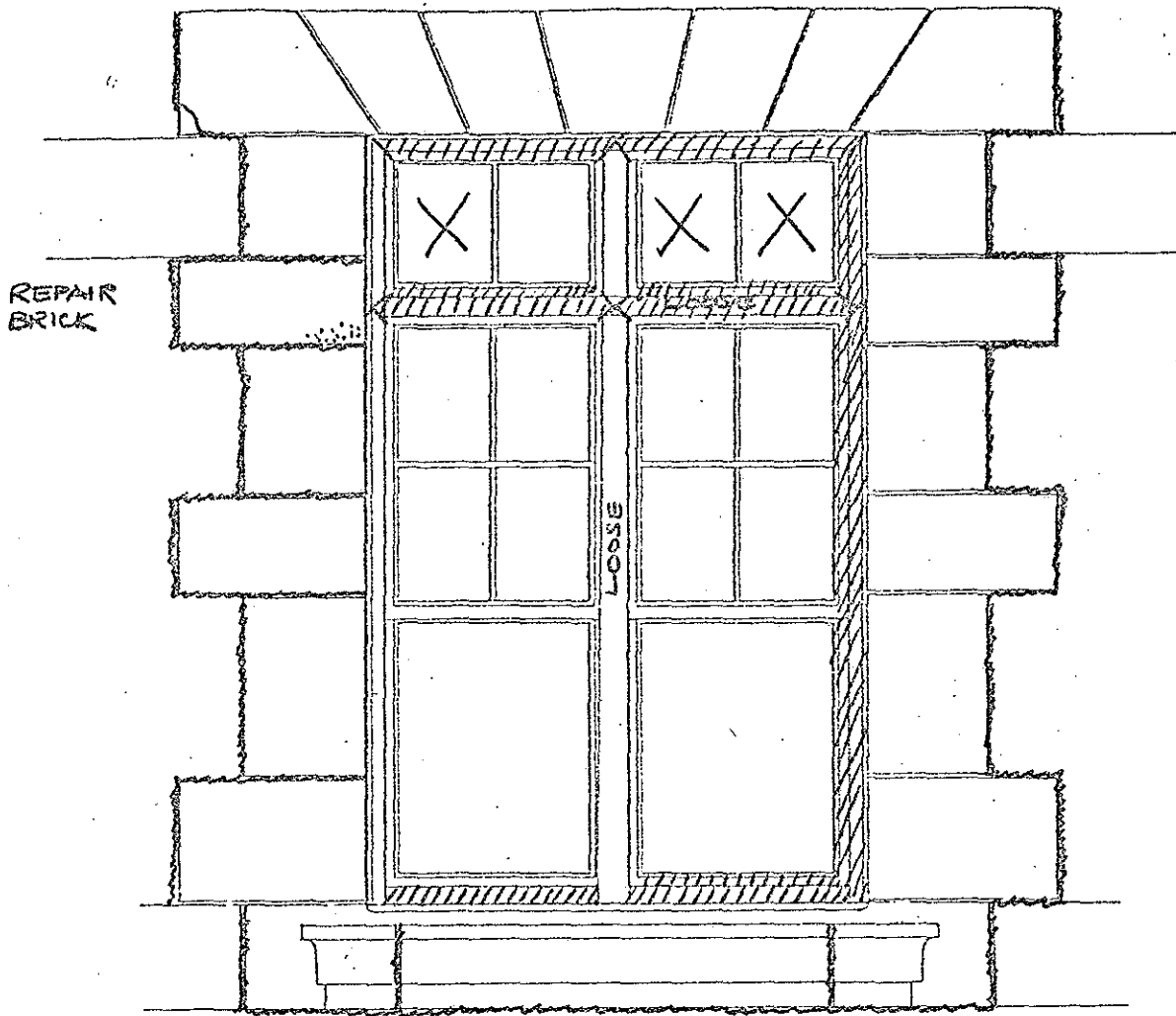
CLASS
 3

MECHANICAL AND ELECTRICAL REHABILITATION
 MAIN BUILDING
 ELLIS ISLAND

BUILDING OBSERVATION TECHNOLOGY
 THE DEBROWITZ GROUP

Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036



- INTERIOR:
- 2" GAP BETWEEN TRANSOM BAR & CENTER JAMB
 - BOTH JAMBS & HEAD FRAMING ROTTED, WINDOW FALLING IN FROM TOP
 - EAST STUOL ROTTED

NO GRILL

J SECOND FLOOR EXTERIOR ELEVATIONS

NUMBER

5213

CLASS

13

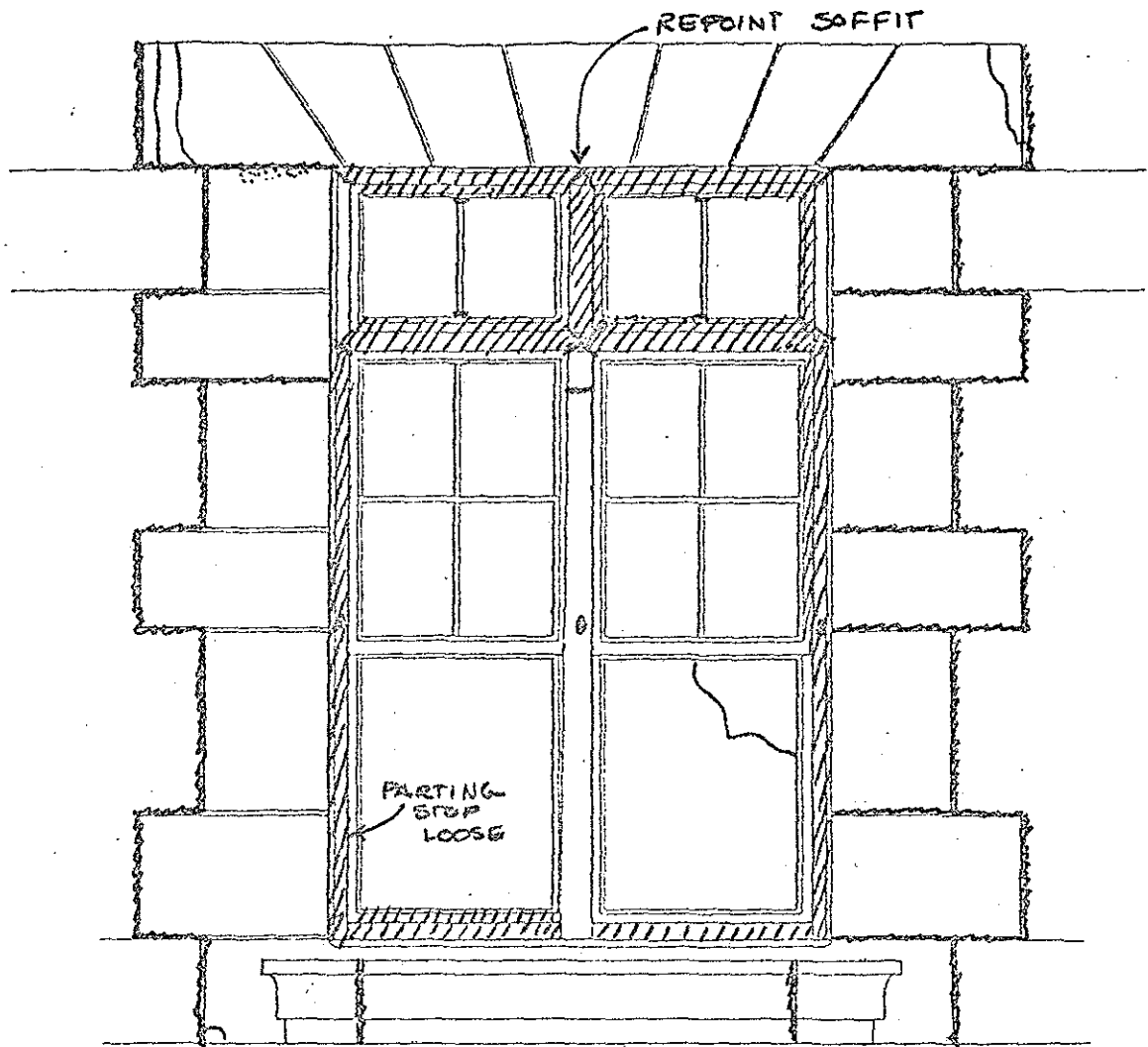
MECHANICAL AND ELECTRICAL REHABILITATION
 MAIN BUILDING
 ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY

THE DEBENKOWITZ GROUP

Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036



INTERIOR: *TRANSOM SOFFIT SPLIT
 *MLDGS AT HEAD LOOSE, WARPED
 *FRAME BEGINNING TO FALL IN

NO GRILL

J SECOND FLOOR EXTERIOR ELEVATIONS

NUMBER
5214

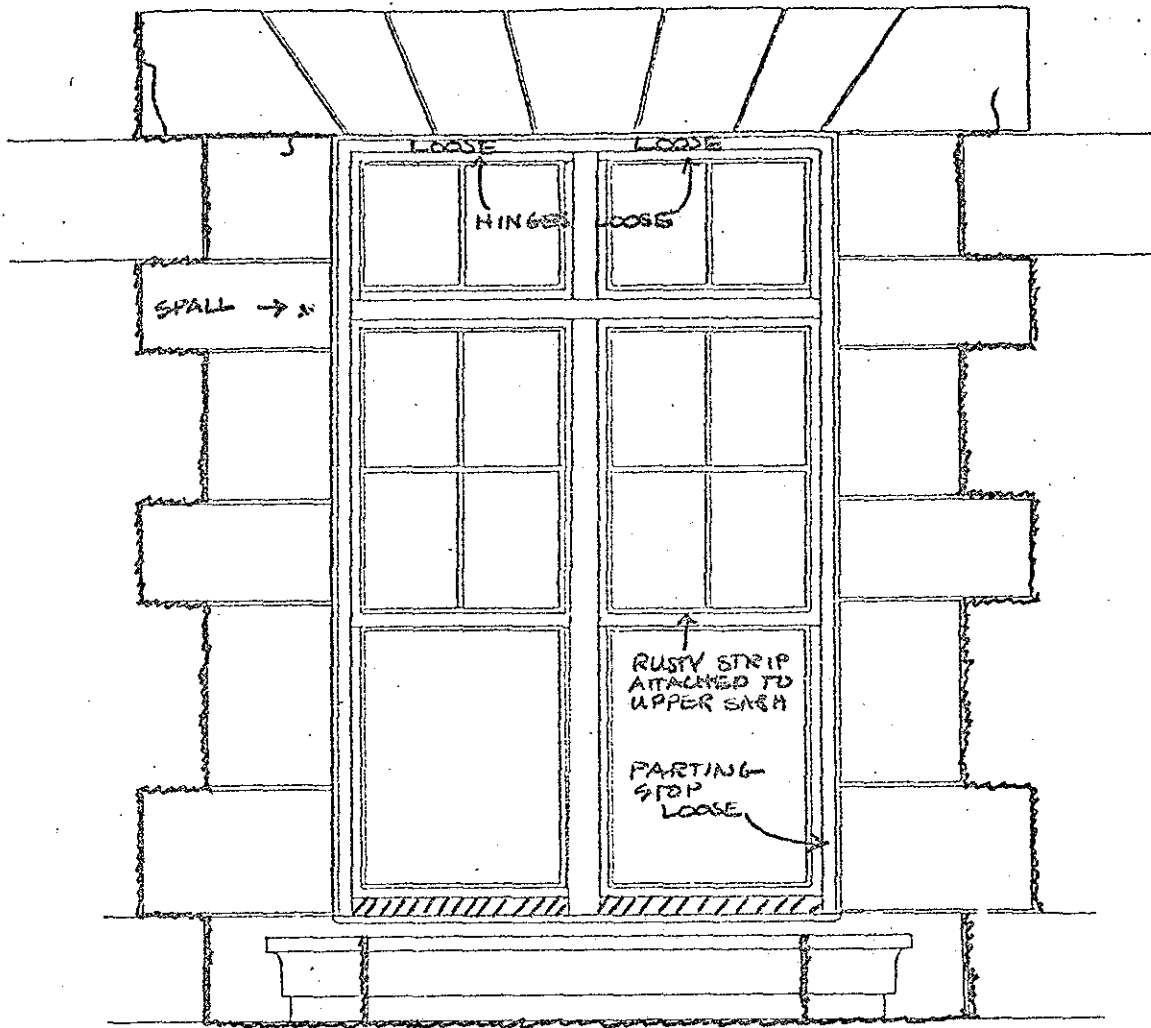
CLASS
3

MECHANICAL AND ELECTRICAL REHABILITATION
 MAIN BUILDING
 ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
 THE EVERNOWITZ GROUP

Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036



FRAME BUILT ON TOP OF OVOLOS - IS NOW SPLIT - REMOVE

NO GRILL

J SECOND FLOOR EXTERIOR ELEVATIONS

NUMBER
5215

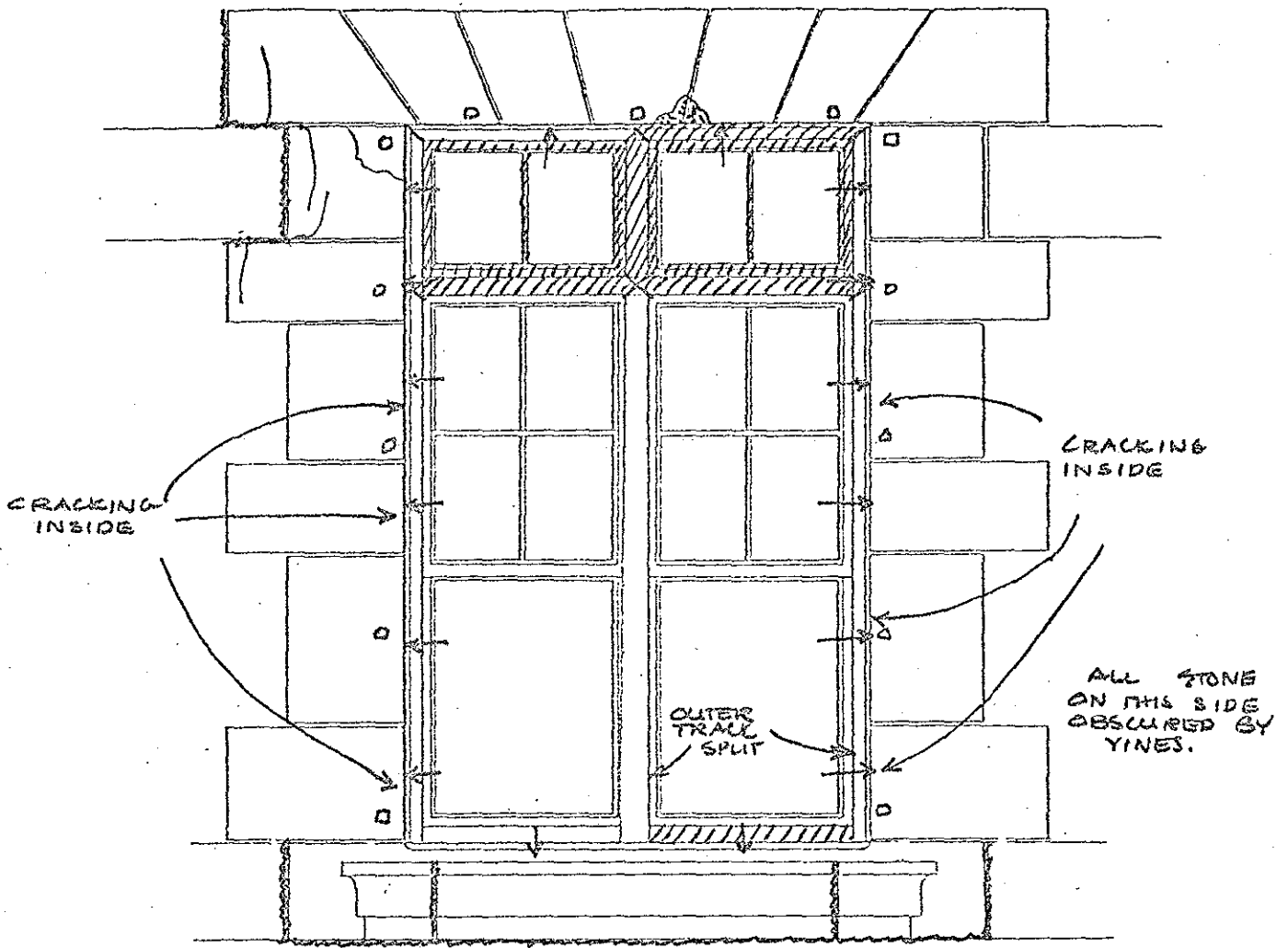
CLASS
2

MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
THE DEBONWITZ GROUP

Statue of Liberty National Monument, New York

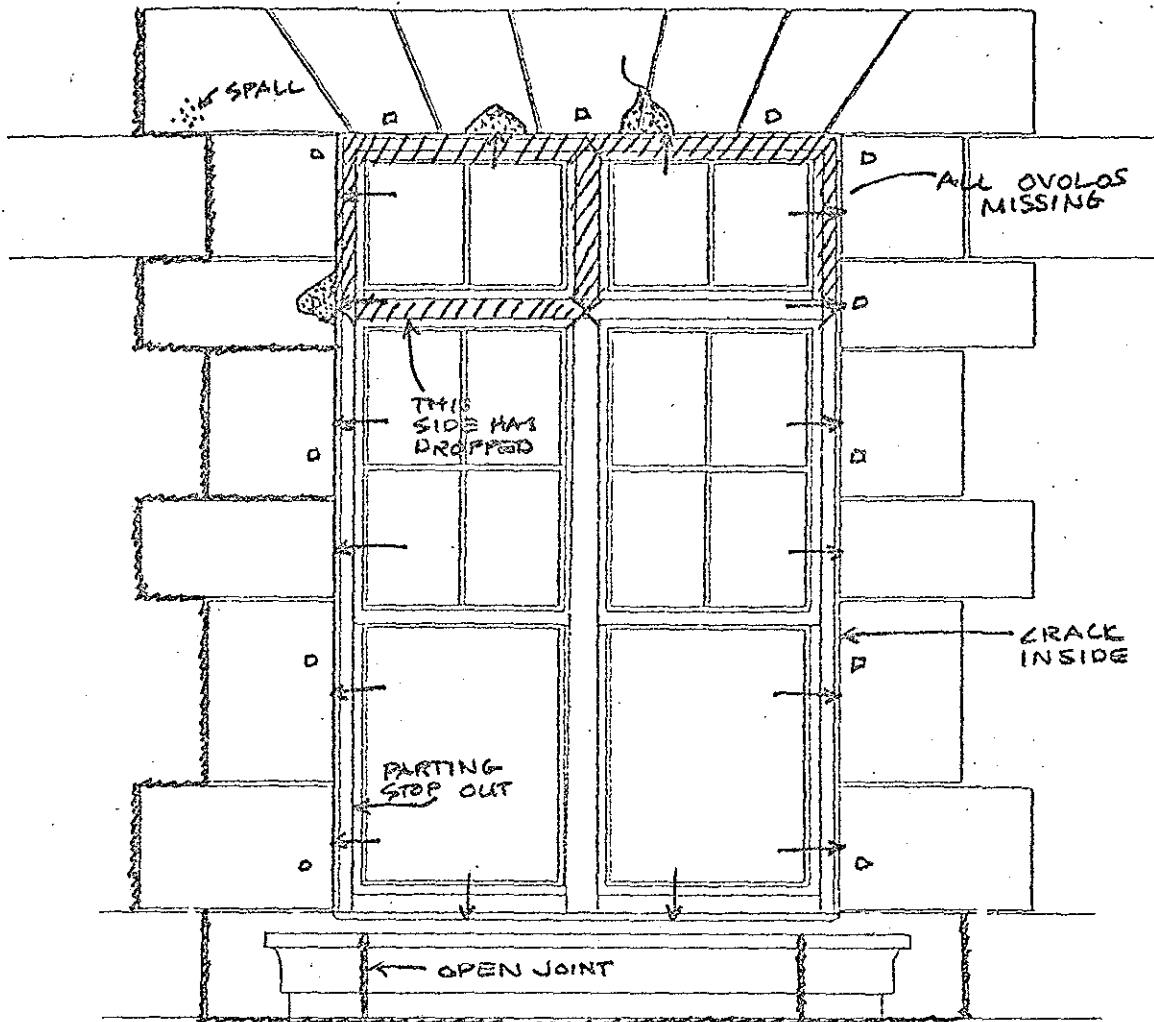
19 West 44th Street, New York NY 10036



INTERIOR: HEAD, TRANSOM, SOUTH (RIGHT) JAMB ROTTED

GRILL

J SECOND FLOOR EXTERIOR ELEVATIONS	NUMBER W201	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION MONOGRAPH THE DEBRONZ GROUP 19 West 44th Street, New York NY 10036	



INTERIOR:

- HEAD MISSING
- STEEL LINTEL RUSTED
- BOTH JAMBS MISSING
- WINDOW ABOUT TO FALL IN

GRILL

J SECOND FLOOR EXTERIOR ELEVATIONS

NUMBER
W202

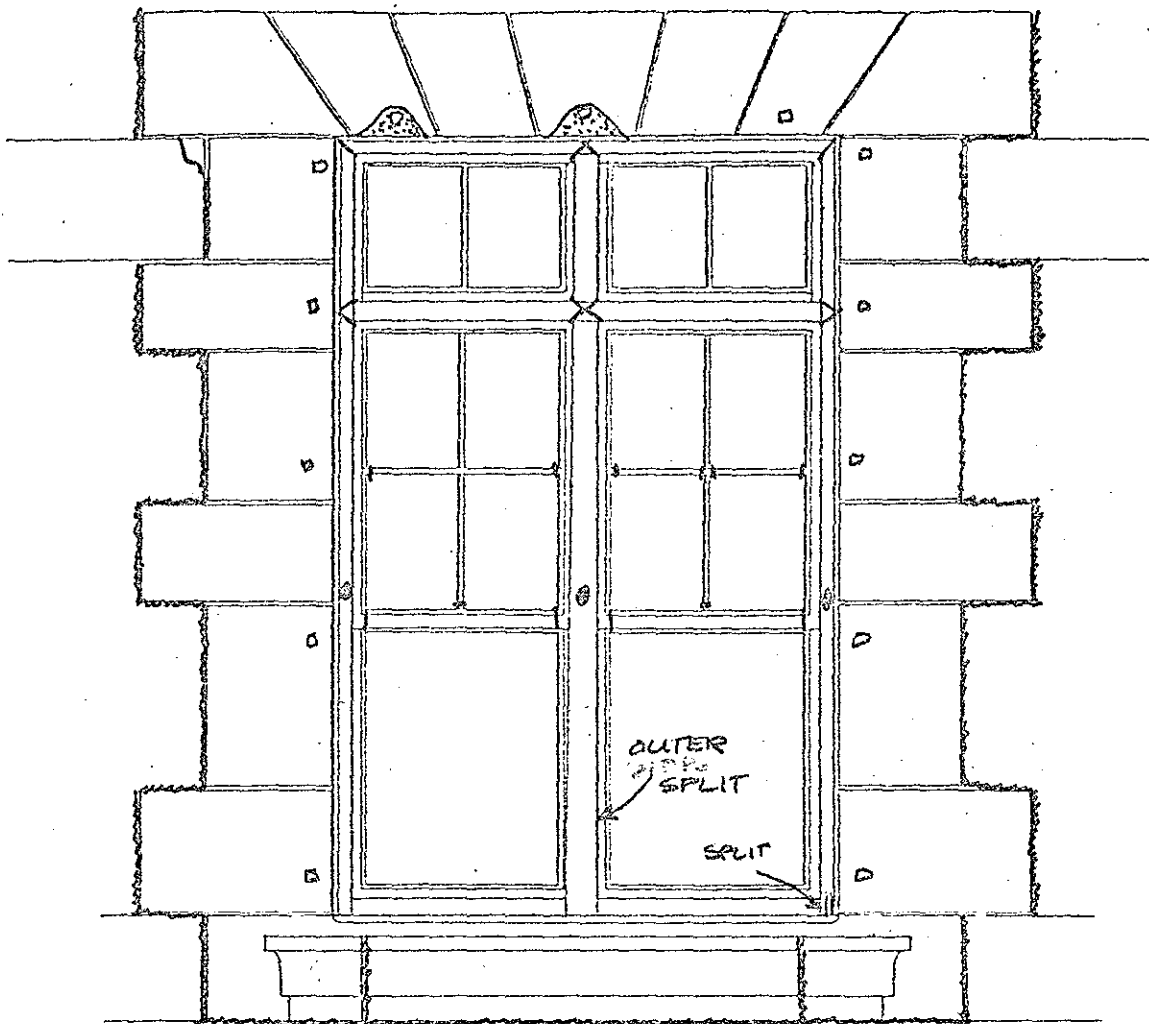
CLASS
3
wood
2
stone

MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
THE DEERWANTZ GROUP

Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036

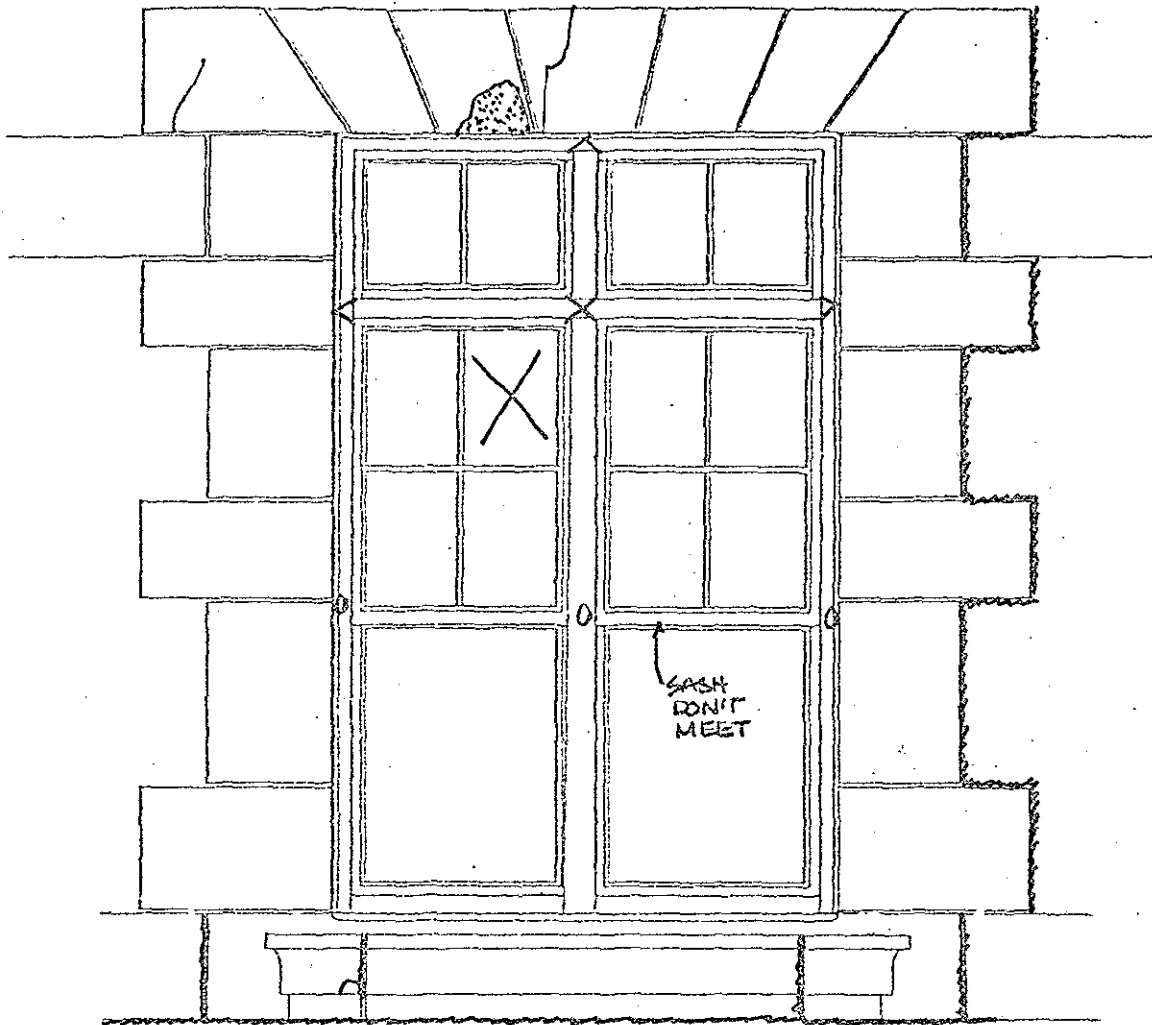


INTERIOR:

- ALL MLDGS LOOSE
- TRANSOM MECHANISM RUSTY
- SOFFITS OF HEAD & TRANSOM & TRANSOM PASCIA SPLIT

GRILL

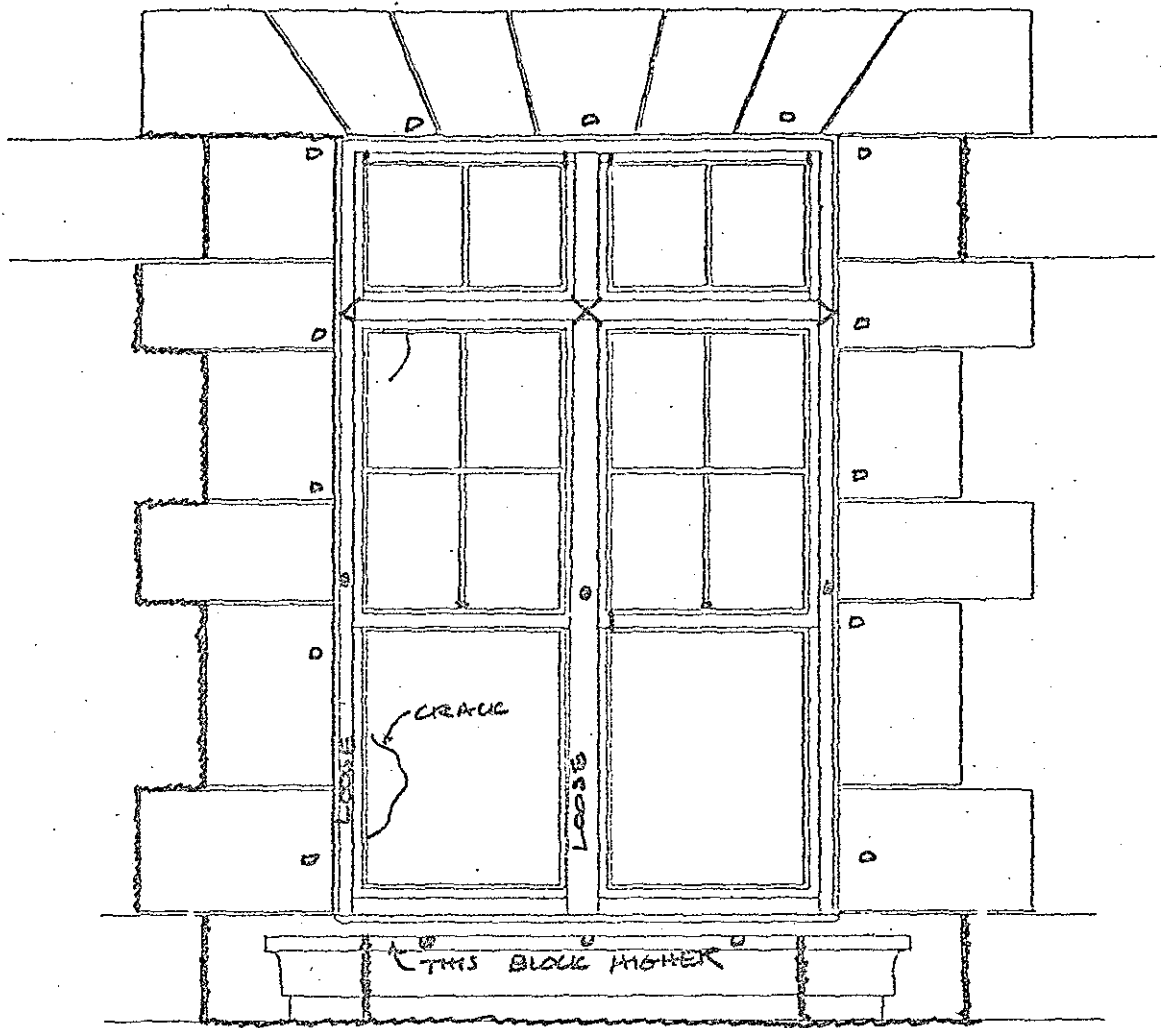
J SECOND FLOOR EXTERIOR ELEVATIONS	NUMBER W 203	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE DEERGRATZ GROUP 19 West 46th Street, New York NY 10036	



- INTERIOR:
- REPLACE SPLIT STOOD ON NORTH (LEFT) WINDOW
 - ALL MLDGS. WARPED, LOOSE
 - SOFFIT OF HEAD WET
 - SOFFIT OF TRANSOM SPLIT, POORLY REPAIRED
 - TRANSOM MECHANISM RUSTY

GRILL

J SECOND FLOOR EXTERIOR ELEVATIONS	NUMBER W204	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE DEBRONWITZ GROUP 19 West 44th Street, New York NY 10036	



INTERIOR: - ALL MLDGS FRAMING OPENINGS LOOSE, WARPED
 • TRANSOM MECHANISM RUSTED

GRILL REMOVED

J SECOND FLOOR EXTERIOR ELEVATIONS

NUMBER
W 205

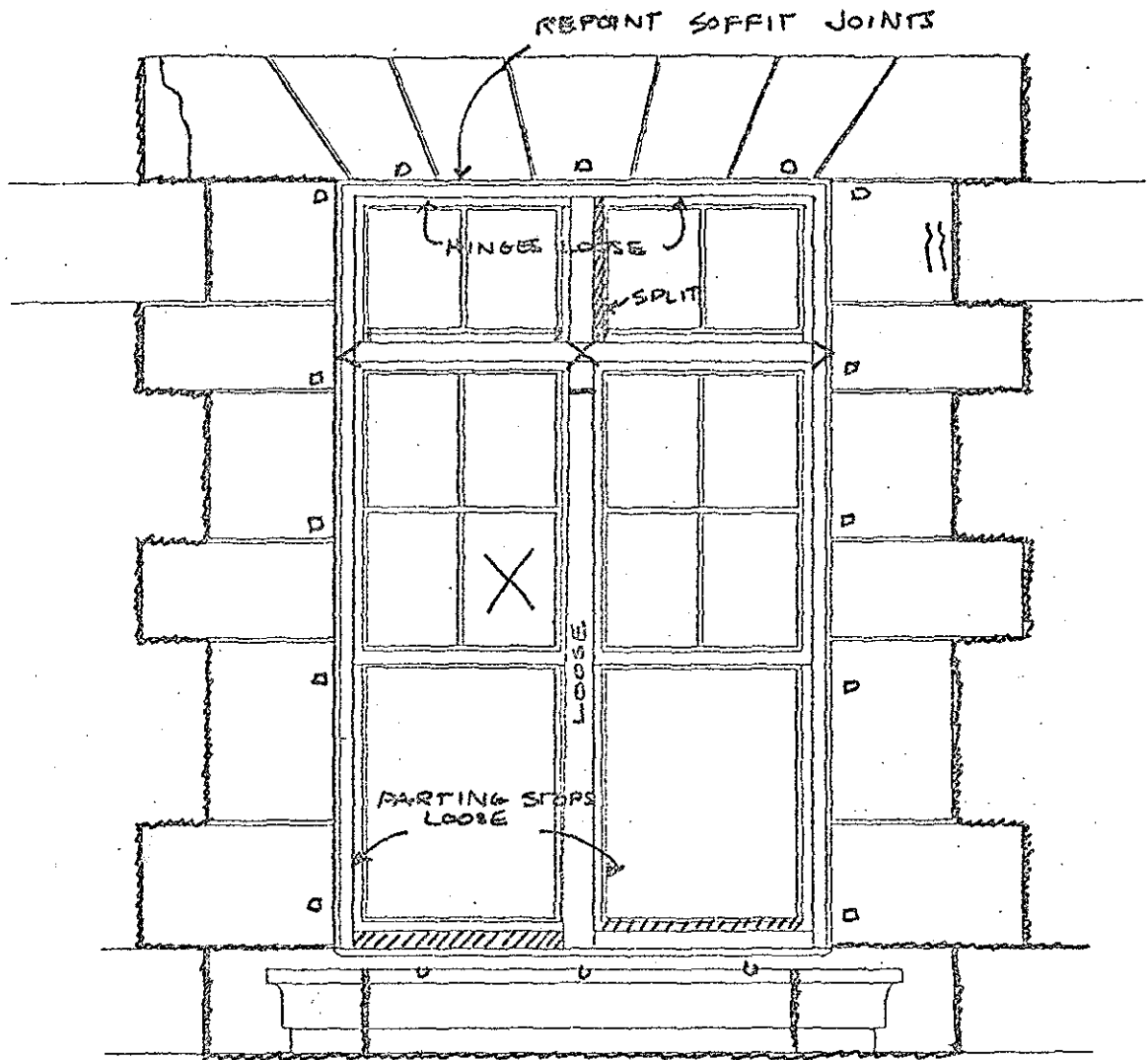
CLASS
1

MECHANICAL AND ELECTRICAL REHABILITATION
 MAIN BUILDING
 ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
 THE DEBENOWITZ GROUP

Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036



- INTERIOR:
- ALL MLDGS FRAMING OPENINGS MISSING, LOOSE AND/OR WARPED.
 - TRANSOM SOFFIT (NORTH SIDE) & FASCIA SPLIT
 - JOINTS AT HEAD OPEN
 - WINDOWS STUCK SHUT
 - REPLACE SFDOL, SOUTH SIDE
 - TRANSOM MECHANISM RUSTED

GRILL REMOVED

J SECOND FLOOR EXTERIOR ELEVATIONS

NUMBER
W 206

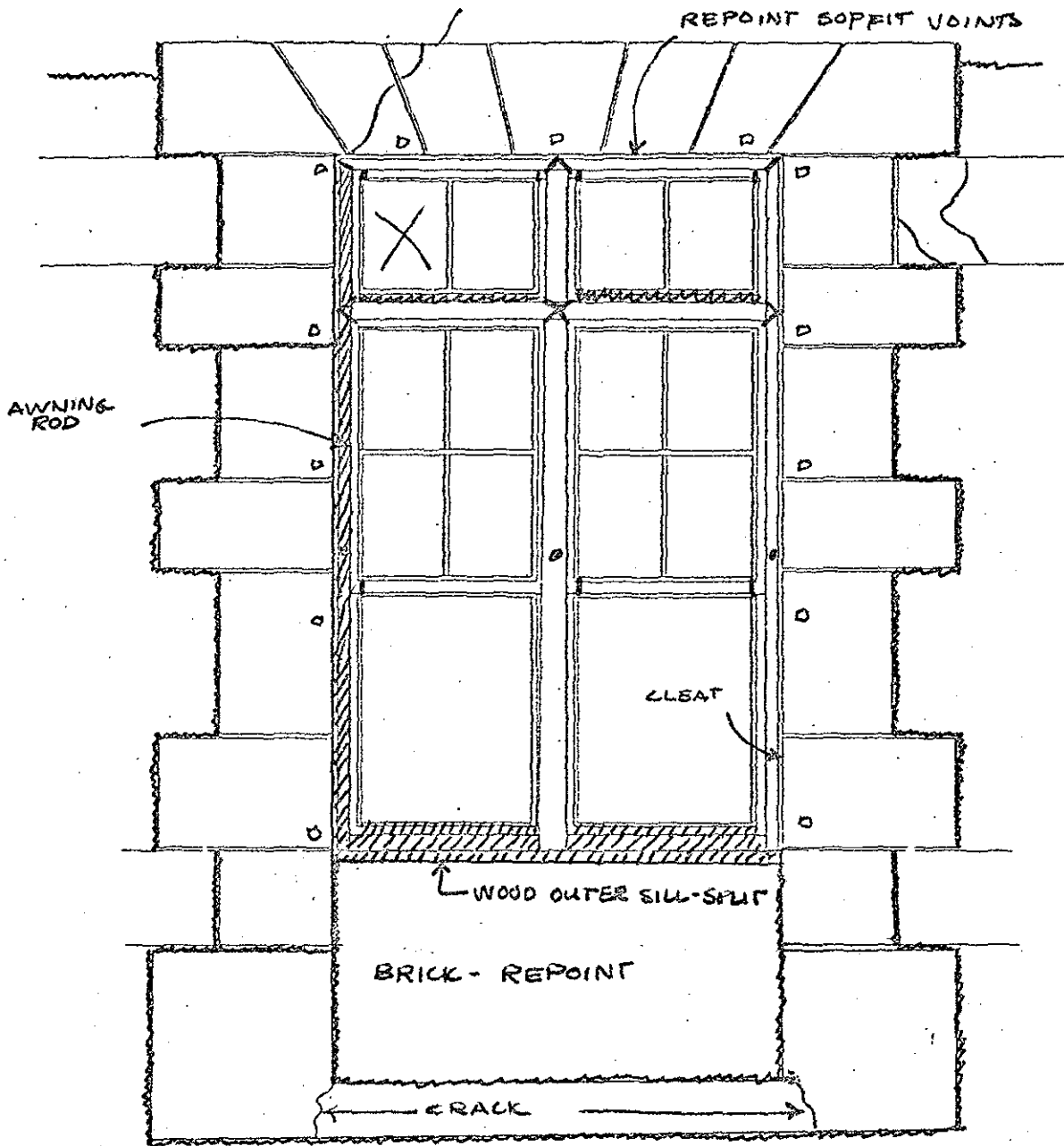
CLASS
2

MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
THE DEBENWITZ GROUP

Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036



- INTERIOR:
- REPLACE MISSING HEAD
 - TRANSOM & JAMBS ROTTED, SPLIT
 - SASH STUCK SHUT
 - TRANSOM MECHANISM RUSTED

GRILL REMOVED

J SECOND FLOOR EXTERIOR ELEVATIONS

NUMBER
W 207

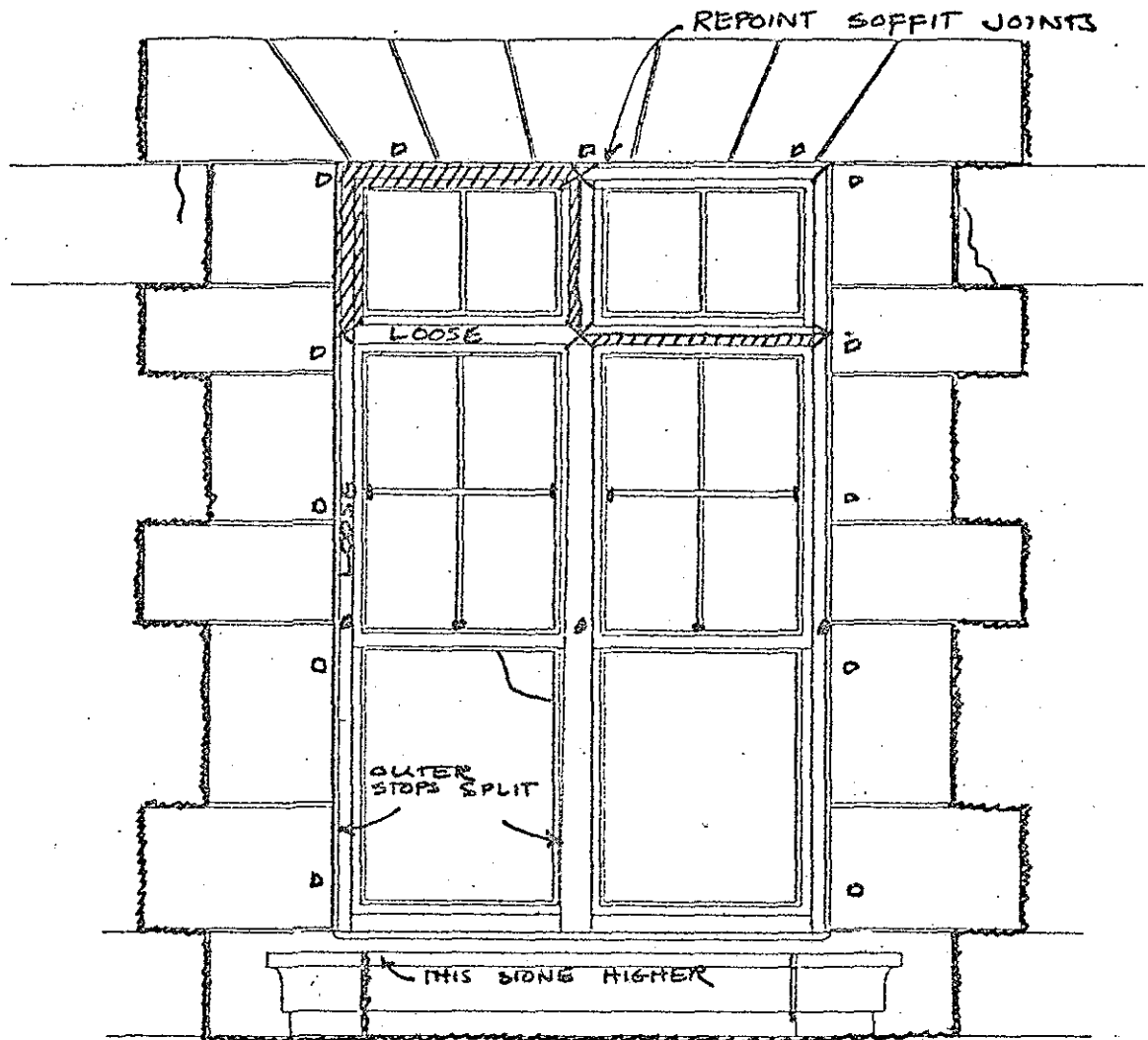
CLASS
3

MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
THE DEBENOWITZ GROUP

Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036



- INTERIOR:
- HEAD JOINTS OPEN
 - MLDGS FRAMING OPENINGS LOOSE
 - NORTH (LEFT) JAMB ROTTED
 - TRANSOM BOARDED UP.
 - REPLACE NORTH (LEFT) STOOL.
 - COUNTERBALANCE BROKEN

GRILL REMOVED

J SECOND FLOOR EXTERIOR ELEVATIONS

NUMBER
W 208

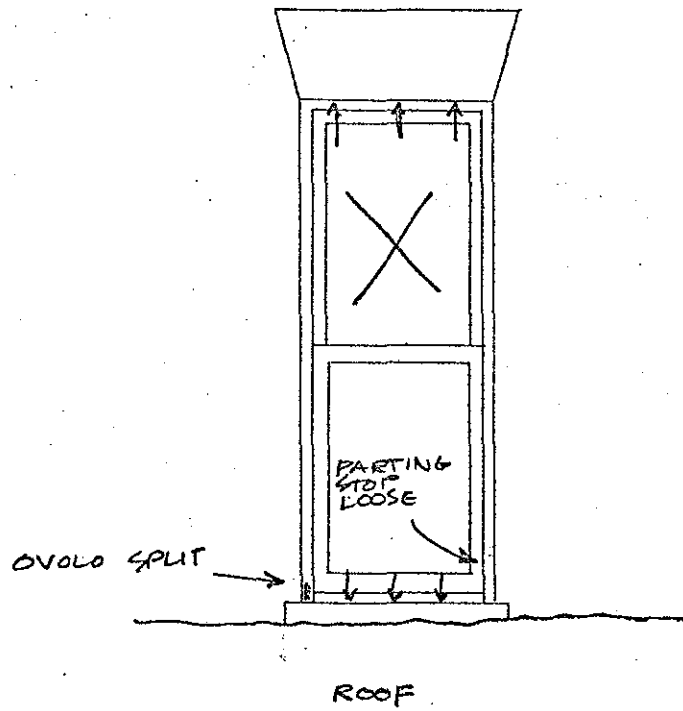
CLASS
3

MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
THE DEKORWITZ GROUP

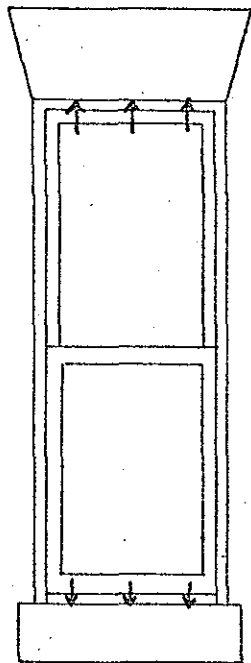
Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036



IRON BARS

K TOKEL WINDOW (16)	NUMBER NET-201	GLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EHRENKRANZ GROUP 19 West 44th Street, New York NY 10036	



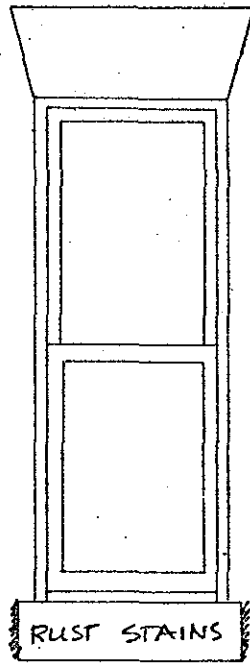
REPAIR &
REPOINT BRICK

PARTING STOPS LOOSE

SASH STUCK SHUT

IRON BARS

K TOWER WINDOW (16)	NUMBER NET-202	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EHRENKRANZ GROUP 19 West 44th Street, New York NY 10036	

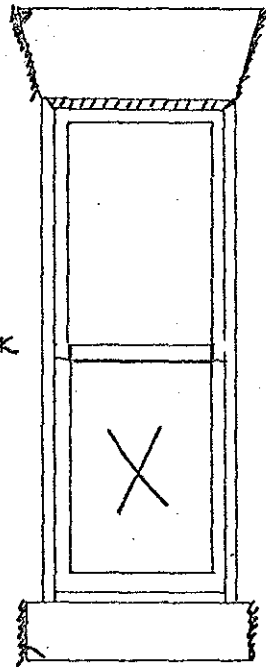


NOT ACCESSIBLE

GRILL

K TOWER WINDOW (16)	NUMBER NET-203	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EUREKRANTZ GROUP 19 West 44th Street, New York NY 10036	

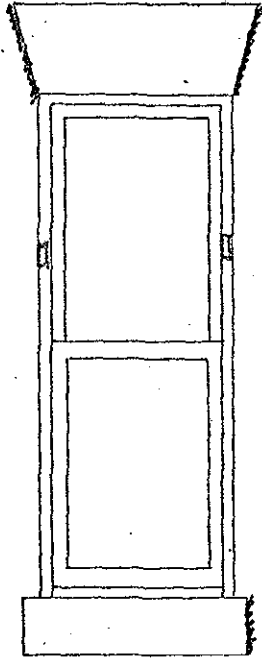
REPAIR &
REPOINT BRICK



INTERIOR: • PARTING STOPS LOOSE
• BOTTOM RAIL WORN

GRILL

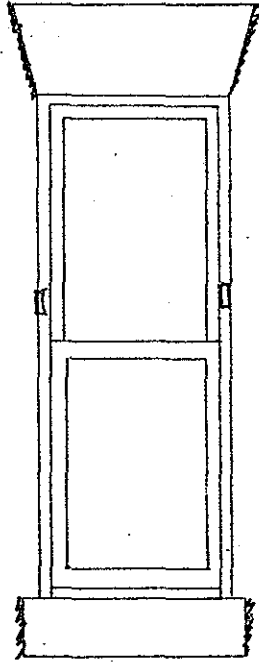
K TORRE WINDOW (16)	NUMBER NET-204	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EHRENKRANTZ GROUP 19 West 44th Street, New York NY 10036	



BOTTOM SASH WILL NOT OPEN - COULD NOT
INSPECT SILL OR SASH

GRILL

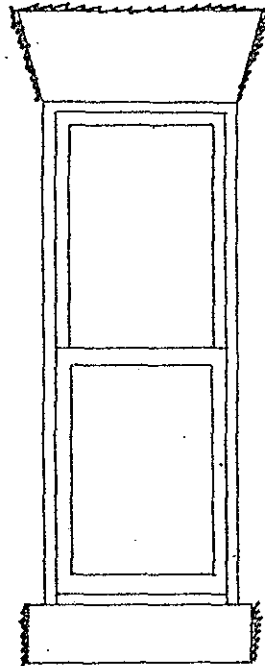
K TOWER WINDOW (16)	NUMBER SET-201	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EHRENKRANZ GROUP 19 West 44th Street, New York NY 10036	



WILL NOT OPEN - UNABLE TO INSPECT SILL

GRILL

K TOYCK WINDOW (16)	NUMBER SET-202	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EHRENKRANTZ GROUP 19 West 44th Street, New York NY 10036	



GRILL

K TO BE WINDOW (10)

NUMBER
SET - 203

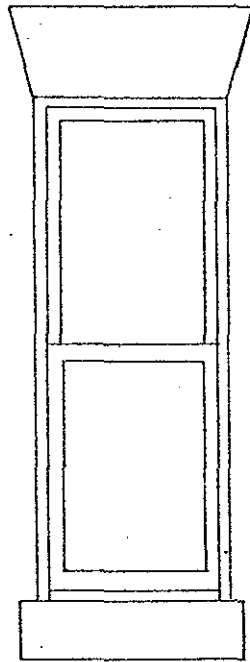
CLASS
1

MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
THE EHRENKRANZ GROUP

Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036

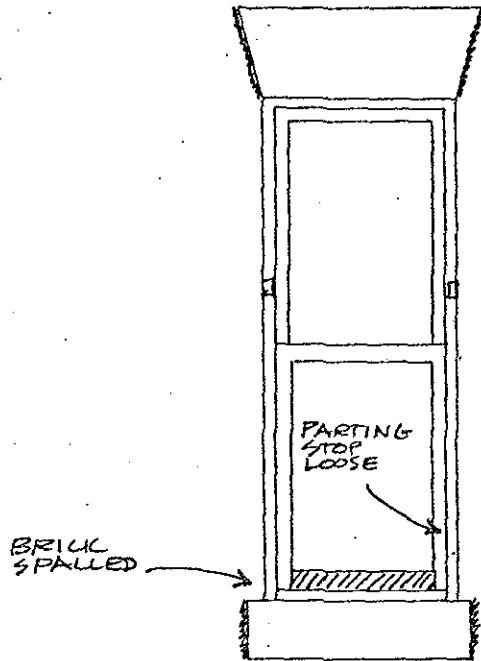


MOULDINGS FRAMING OPENINGS INSIDE HAVE SLIPPED
OR WERE POORLY INSTALLED.

IRON LINTEL PARTLY EXPOSED INSIDE - RUSTY

GRILL

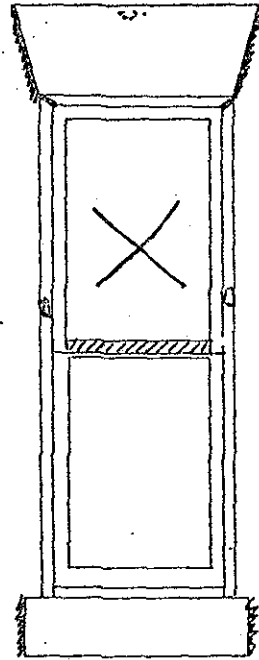
K TOWER WINDOW (16)	NUMBER SET-204	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EIRENKRAVITZ GROUP 19 West 44th Street, New York NY 10036	



GRILL - LOOSE AT BOTTOM

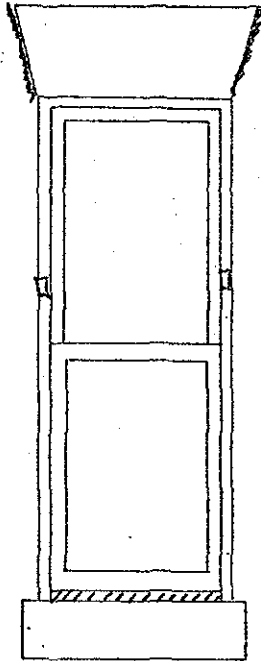
K TOWER WINDOW (16)	NUMBER SWT-201	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE HIRENKRANTZ GROUP 19 West 44th Street, New York NY 10036	

REPOINT K
REPAIR BRICK



GRILL

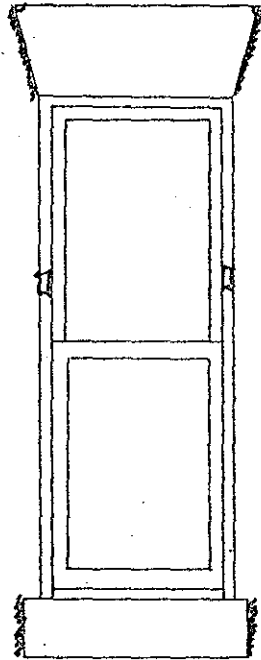
K TOWER WINDOW (16)	NUMBER SWF-202	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EHRENKRAWITZ GROUP 19 West 44th Street, New York NY 10036	



LEFT (W) PARTING STOP LOOSE

GRILL

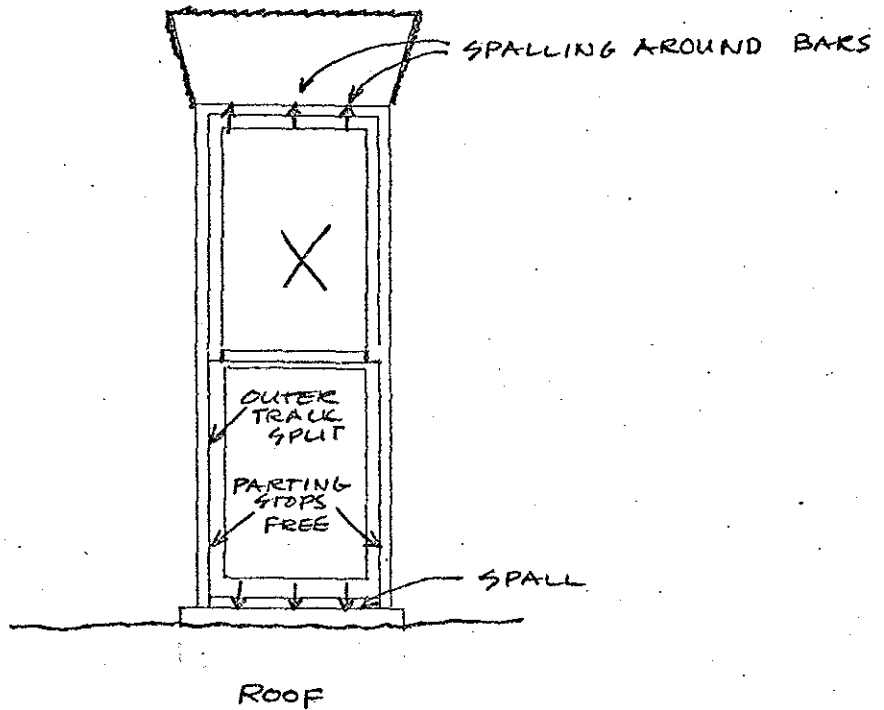
K TOWER WINDOW (16)	NUMBER SWT-203	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EISENKRANTZ GROUP 19 West 44th Street, New York NY 10036	



RIGHT (N) PARTING STOP OUT SLIGHTLY

GRILL

K TOWER WINDOW (16)	NUMBER SWT-204	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EHRENKRANZ GROUP 19 West 44th Street, New York NY 10036	

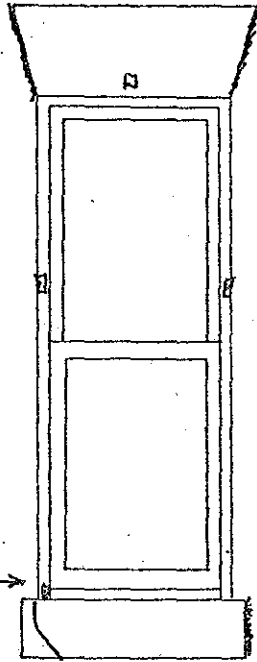


REPLACE WORN STOOD

IRON BARS

K TOWER WINDOW (10)	NUMBER NWT-201	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EHRENKRANZ GROUP 19 West 44th Street, New York NY 10036	

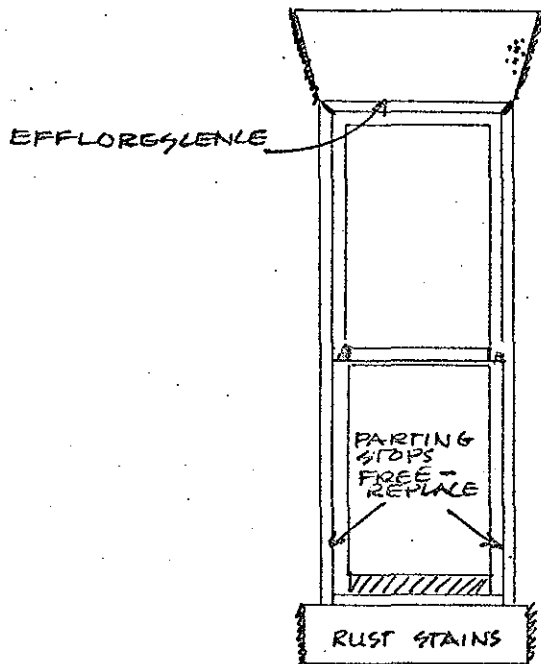
OVOLG GRILL
AT BOTTOM →



PARTING STOPS SLIGHTLY LOOSE

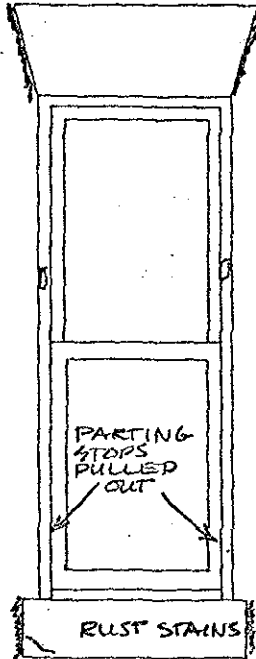
GRILL

K TOWER WINDOW (16)	NUMBER NWT-202	GLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EHRENKRANZ GROUP 19 West 44th Street, New York NY 10036	



GRILL

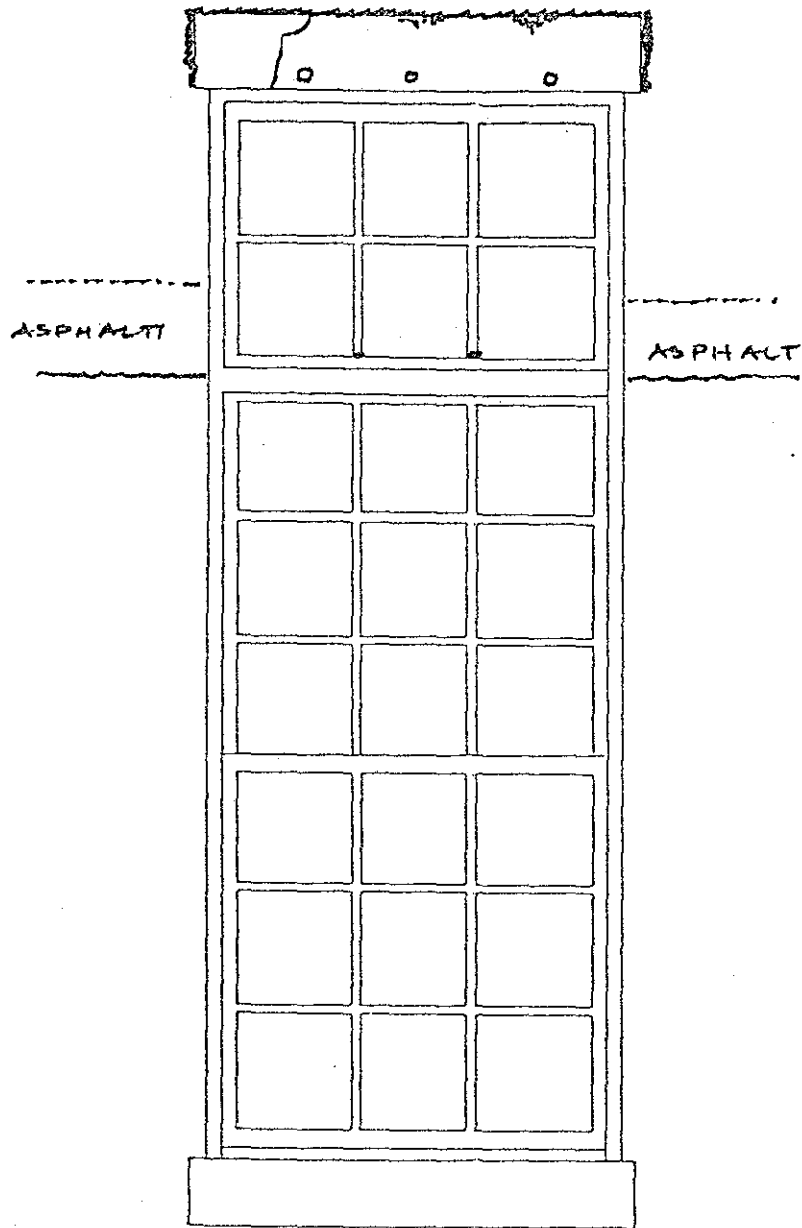
K TOWER WINDOW (14)	NUMBER NWT-203	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EHRENKRANTZ GROUP 19 West 44th Street, New York NY 10036	NO.



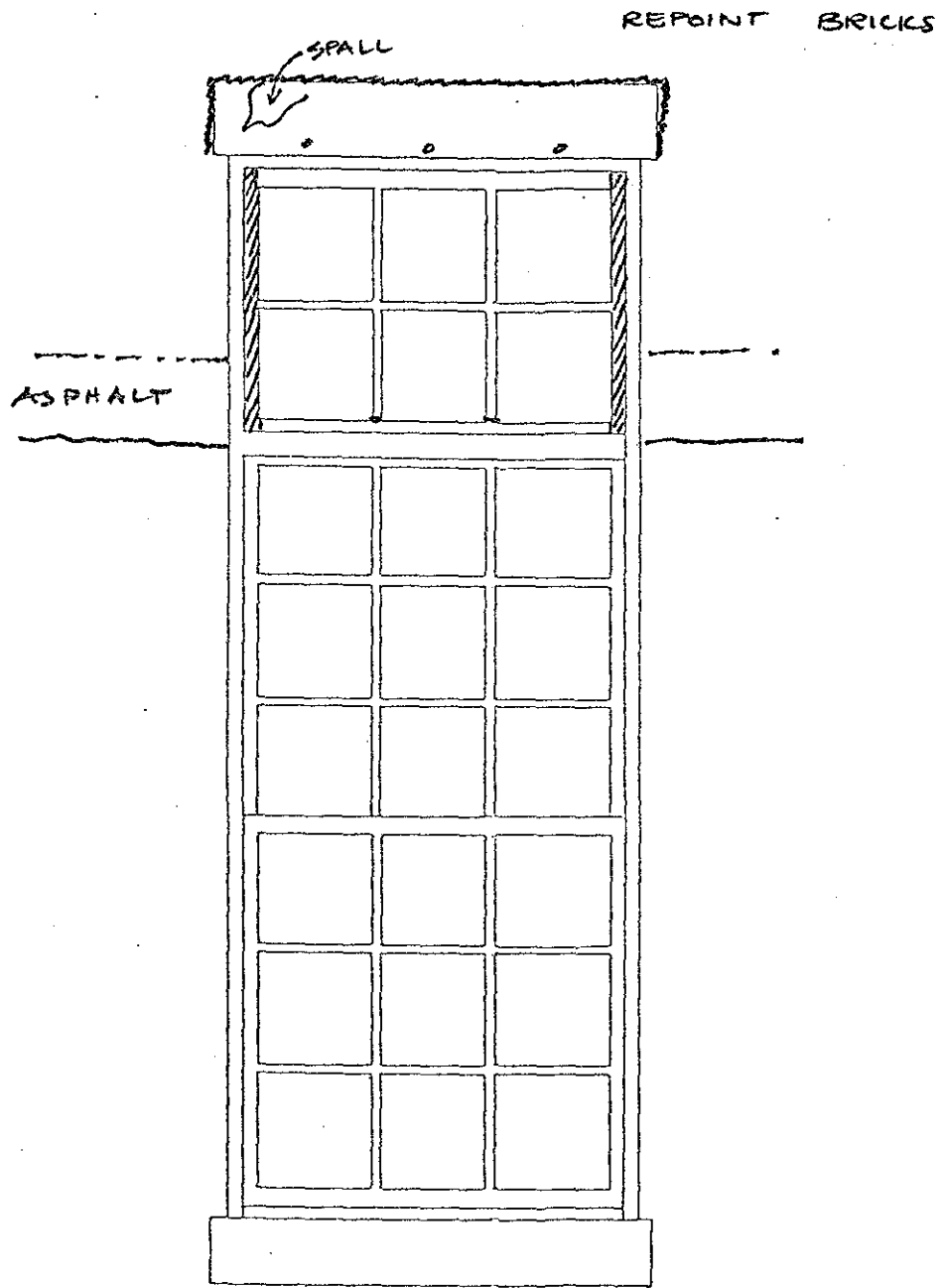
SASH WILL NOT OPEN

GRILL

K TOWER WINDOW (16)	NUMBER NWT-204	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EHRENKRANTZ GROUP 19 West 44th Street, New York NY 10036	

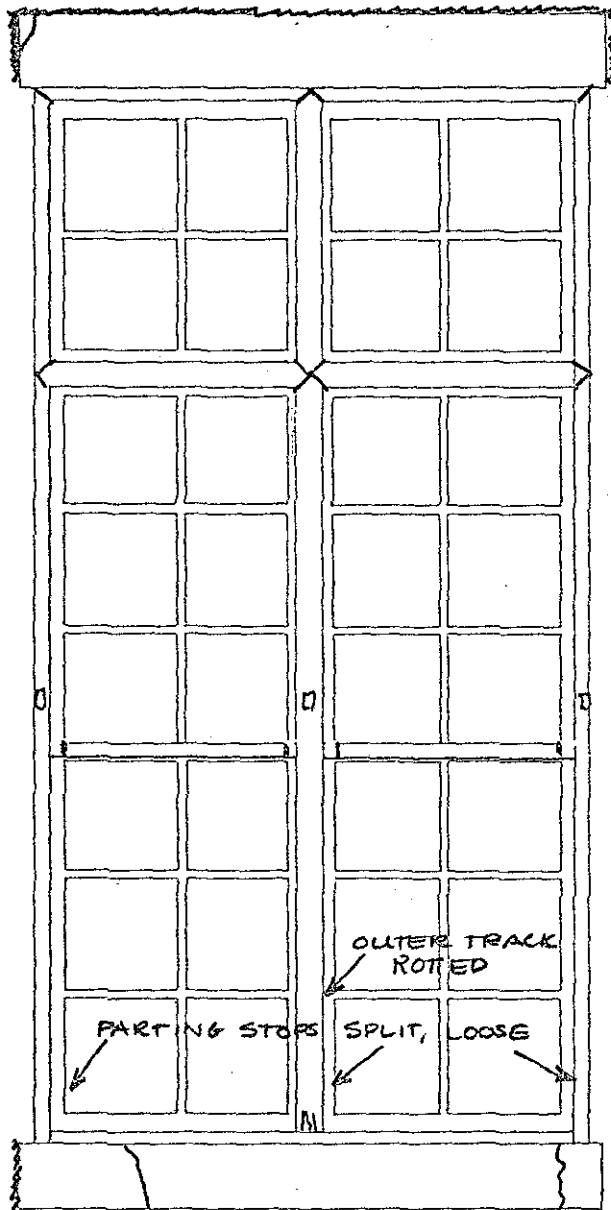


L2 2" FLOOD LIGHT COURTS	NUMBER NEL-201	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE BRENNERMAN GROUP 19 West 44th Street, New York NY 10036	



ONLY TRANSOM EXPOSED TO EXTERIOR
 SCREENS ON OUTSIDE OF UPPER HALF, INSIDE OF LOWER - FAIR CONDITION

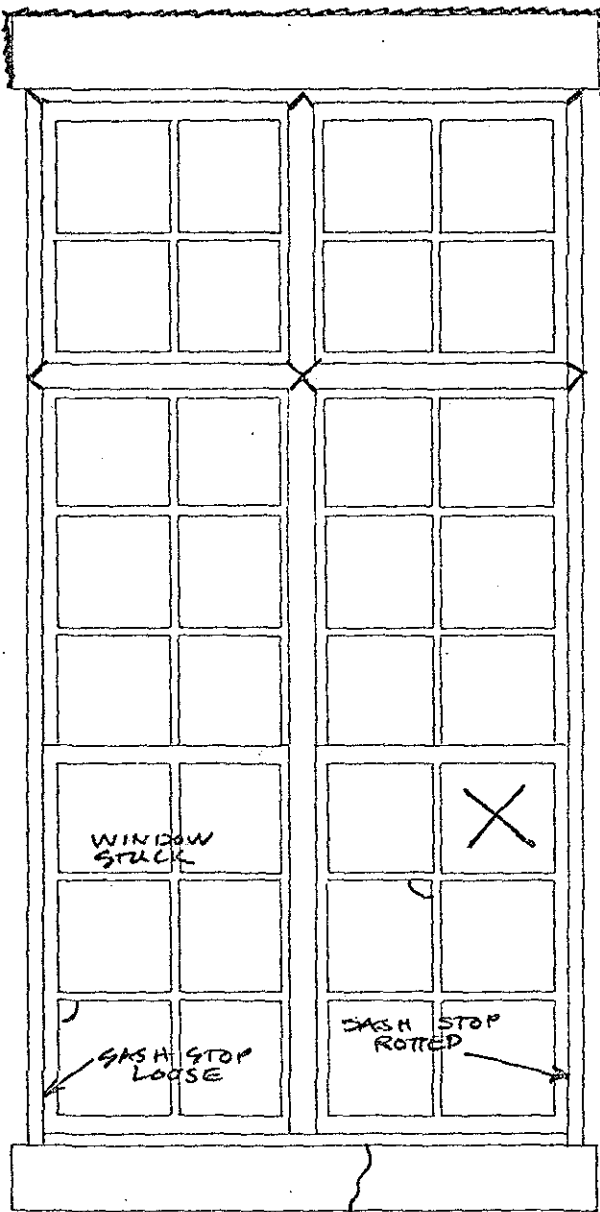
L2 2 nd FLOOR LIGHT COURTS	NUMBER NEL-202	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE DEGENRANTZ GROUP 19 West 44th Street, New York NY 10036	



GRILL - CORRODED AT BOTTOM

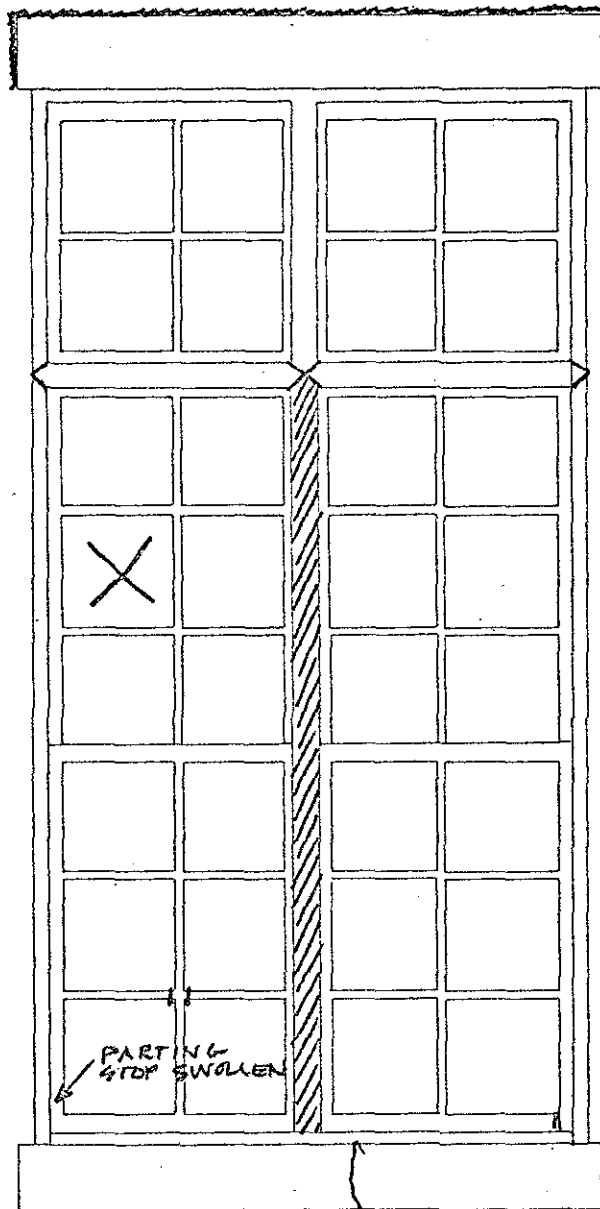
SCREENS OVER TOP & BOTTOM OF TRANSOM; MISSING FROM LOWER SASH

L1 2 ND FLOOR LIGHT COURTS	NUMBER NEL-203	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EISENBERG GROUP 19 West 44th Street, New York NY 10036	✓



GRILL CORRODED AT BOTTOM
 SCREENS OVER TRANSOM ONLY

L1 2 ND FLOOR LIGHT COURTS	NUMBER NEL-204	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EBENSMANTZ GROUP 19 West 44th Street, New York NY 10036	



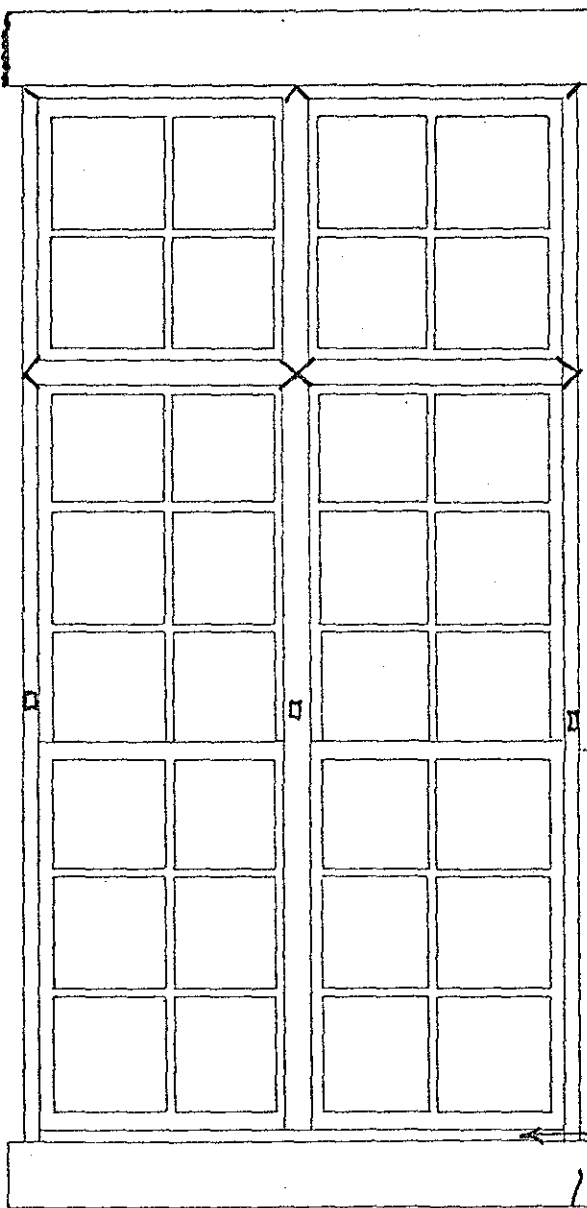
INTERIOR • TRANSOM MECHANISM RUSTED

GRILL

SCREENS OVER TRANSOM WINDOWS; METAL TRACKS ON LOWER SASH BUT NO SCREENS

L1 2 ND FLOOR LIGHT COURTS	NUMBER SEL-208	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE EBERKRAVITZ GROUP 19 West 44th Street, New York NY 10036	

← CORRODED ANGLE



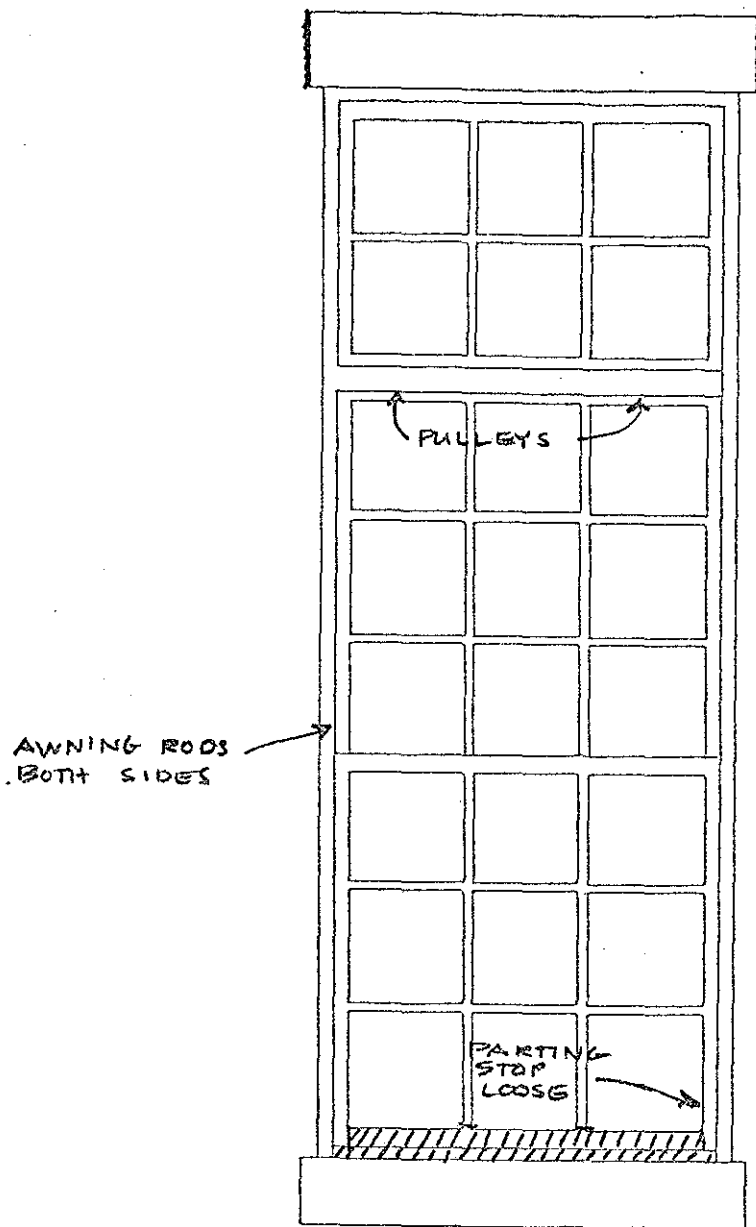
← SILL CRACKED

INTERIOR: - SOFFIT ON RIGHT (EAST) SIDE OF TRANSOM APPEARS DAMP, SASH STOP THERE SPLIT.

GRILL DIVIDING BAR CORRODED THRU AT BOTTOM

SCREENS ON TRANSOM WINDOWS; METAL TRACKS BUT NO SCREENS ON LOWER SASH

L1 2 ND FLOOR LIGHT COURTS	NUMBER SEL - 209	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE EBERGRANZ GROUP 19 West 44th Street, New York NY 10036	



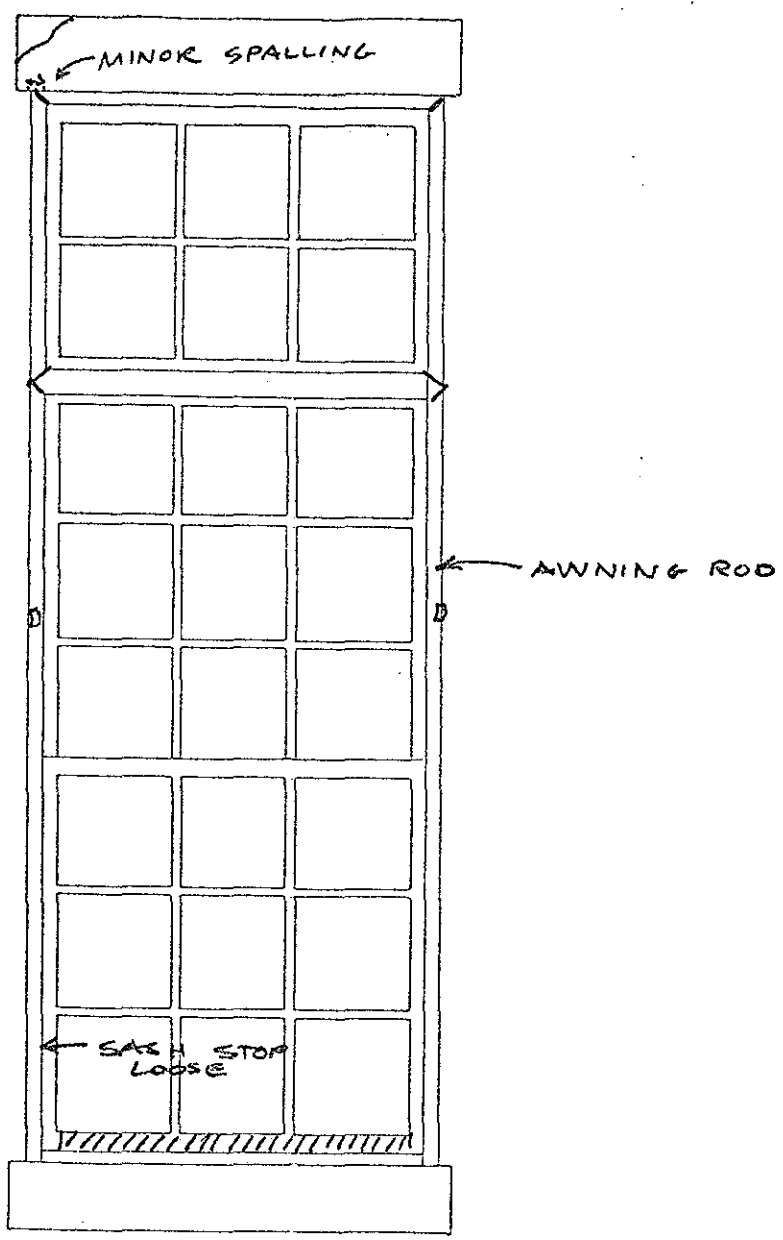
INTERIOR: INNER TRACK ON RIGHT (EAST) SIDE LOOSE,
GAP BETWEEN IT & JAMB MOULDING

GRILL

SCREENS OVER TRANSOMS IN GOOD CONDITION; METAL TRACES
ON LOWER SASH BUT NO SCREENS

L2 2 nd FLOOR LIGHT COURTS	NUMBER SEL-210	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE BRENGARTZ GROUP 19 West 44th Street, New York NY 10036	

↙ RUSTING METAL,
SPALLING BRICK

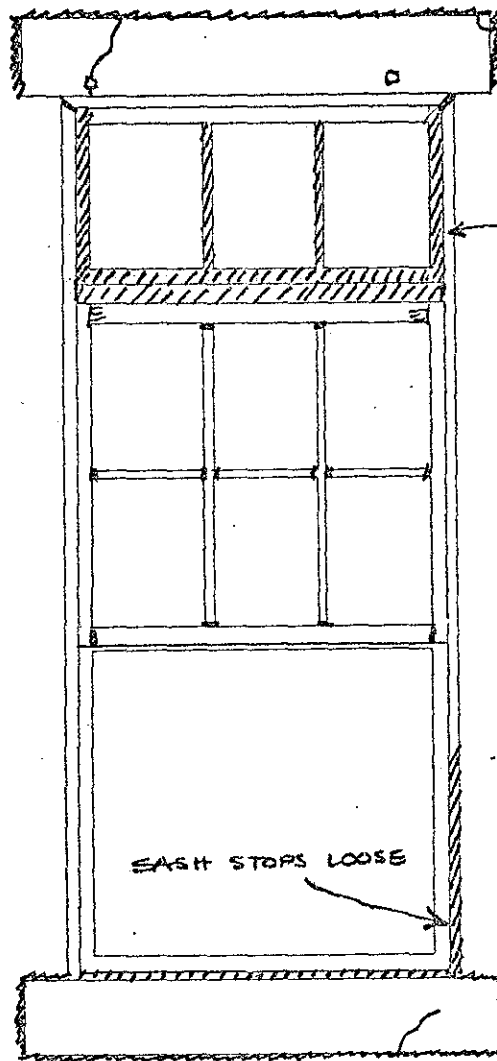


SASH WILL ONLY OPEN PART WAY - UNABLE TO GET OUT ON SILL

GRILL

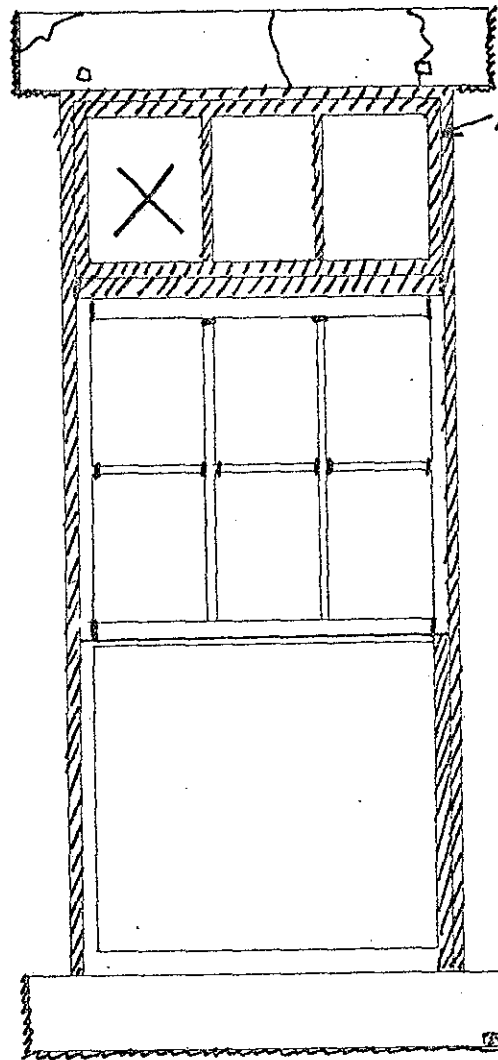
SCREENS ON TRANSOM IN FAIR CONDITION ; METAL TRACK ON LOWER SASH.

L2. 2 nd FLOOR LIGHT COURTS	NUMBER SEL-211	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE BRENNANZ GROUP 19 West 44th Street, New York NY 10036	



GRILL
SCREEN OVER LOWER SASH - POOR CONDITION

T1 THIRD FLOOR, LIGHT COURTS (29)	NUMBER SEL-301	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EIRENHARTZ GROUP 19 West 44th Street, New York NY 10036	



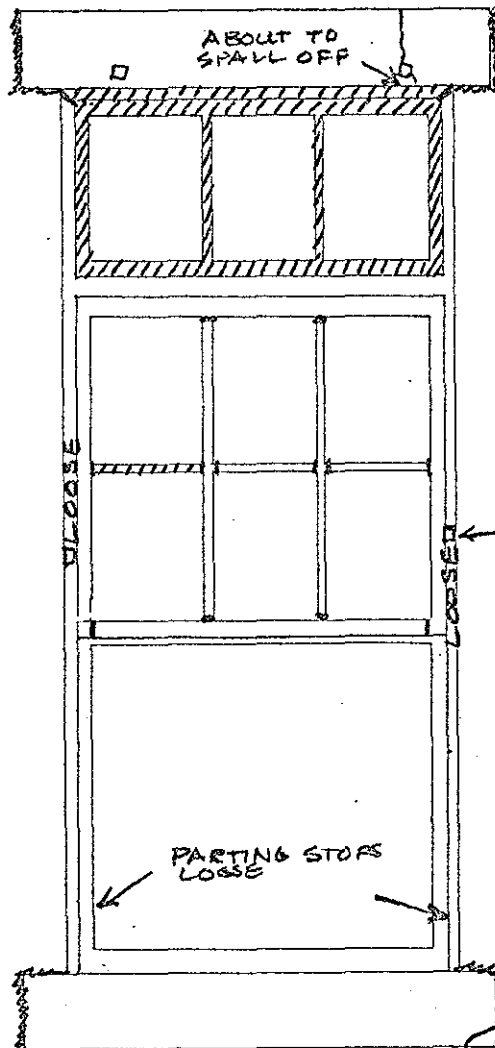
ALL OVOLDS SPLIT

- INTERIOR:
- BOTTOM RAIL OF TRANSOM COMPLETELY ROTTEN
 - MOLDINGS FRAMING TRANSOM OPENING ROTTED
 - SASH TRACKS & STOPS ON RIGHT (WEST) JAMB ROTTED
 - TRANSOM SOFFIT ROTTED

GRILL

SCREEN ON LOWER SASH - POOR CONDITION

T1 THIRD FLOOR, LIGHT COURTS (29)	NUMBER SEL-302	CLASS 13
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EISENBERG GROUP 19 West 44th Street, New York NY 10036	

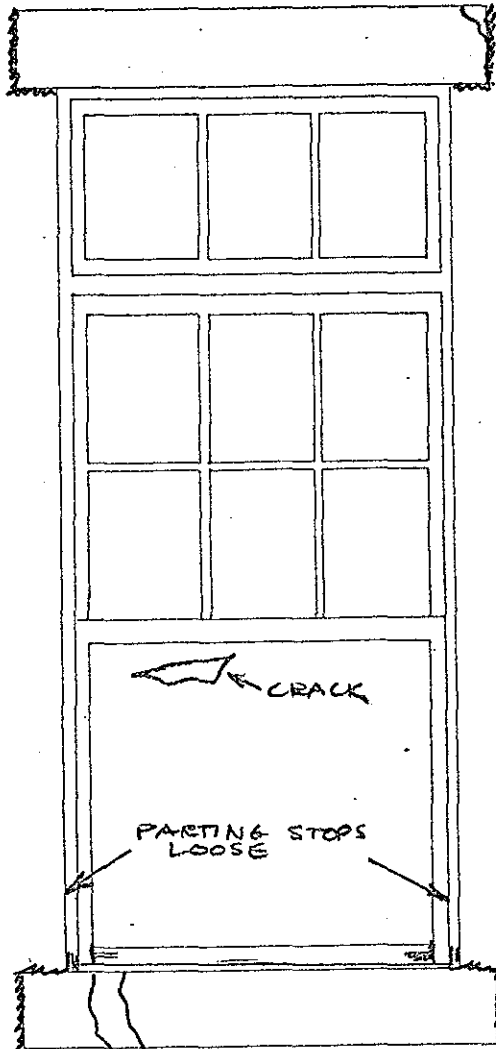


- INTERIOR:
- INNER TRACK ON BOTH SIDES? ROTTEN ON BOTTOM, FULL OF HOLES
 - WOOD BEHIND PARTING STOP ON RIGHT (WEST) JAMB ROTTEN

GRILL

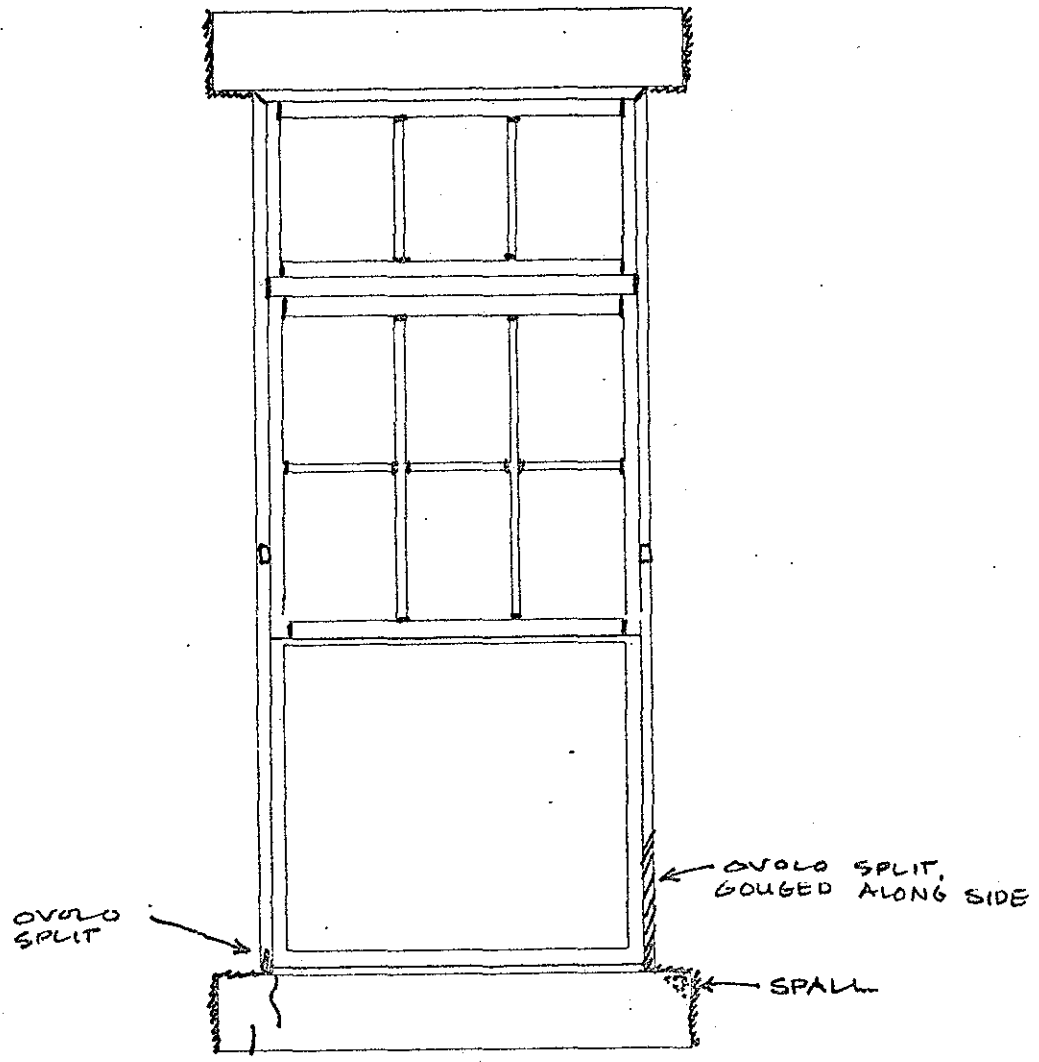
SCREEN OVER LOWER SASH - POOR CONDITION

T1 THIRD FLOOR, LIGHT COURTS (29)	NUMBER SEL-303	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE BIRENKOWITZ GROUP 19 West 45th Street, New York NY 10036	



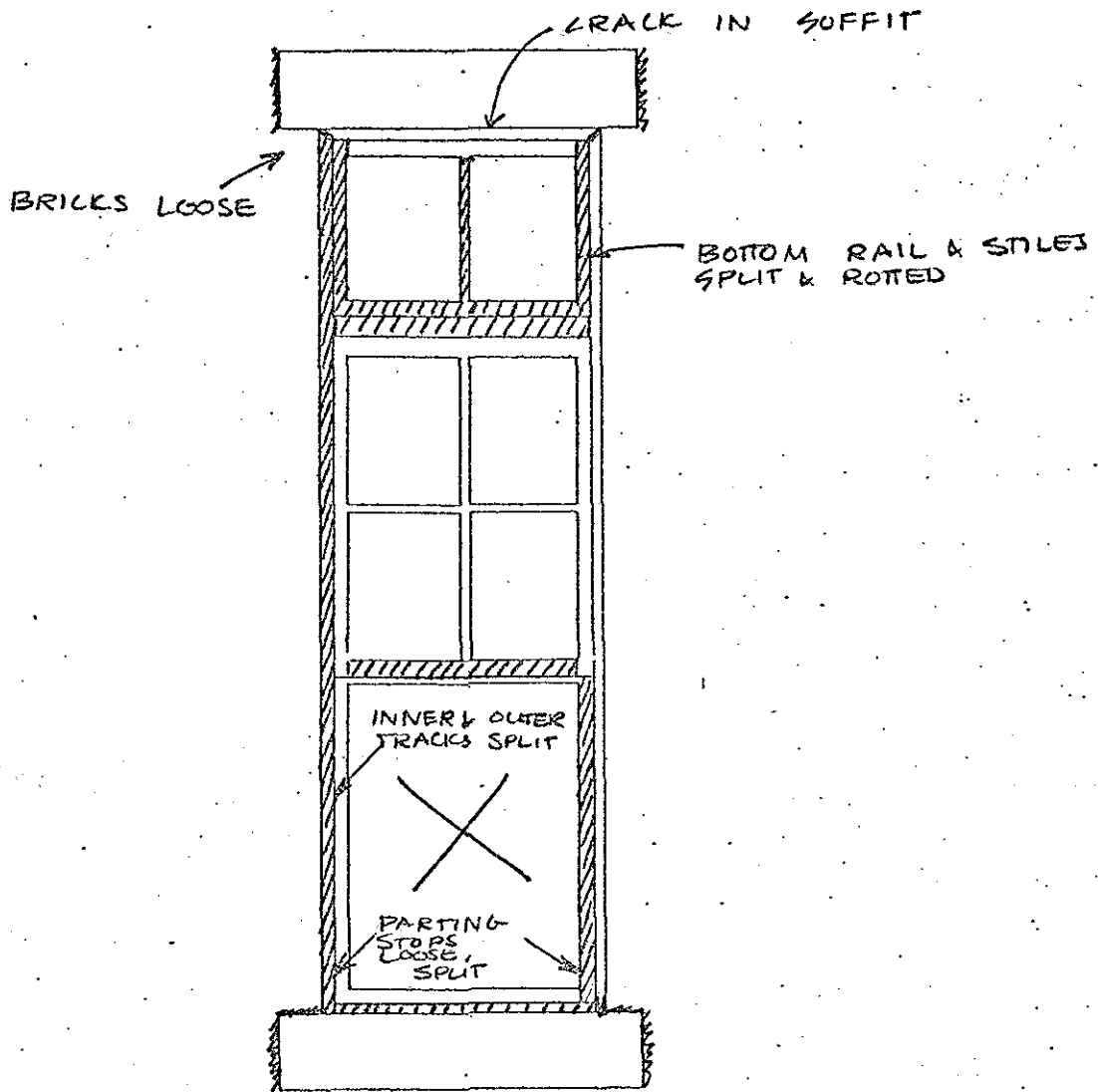
GRILL SCREEN OVER LOWER SASH - POOR CONDITION

T1 THIRD FLOOR, LIGHT COURTS (29)	NUMBER SEL-304	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE DIRENKRAWITZ GROUP 19 West 44th Street, New York NY 10036	



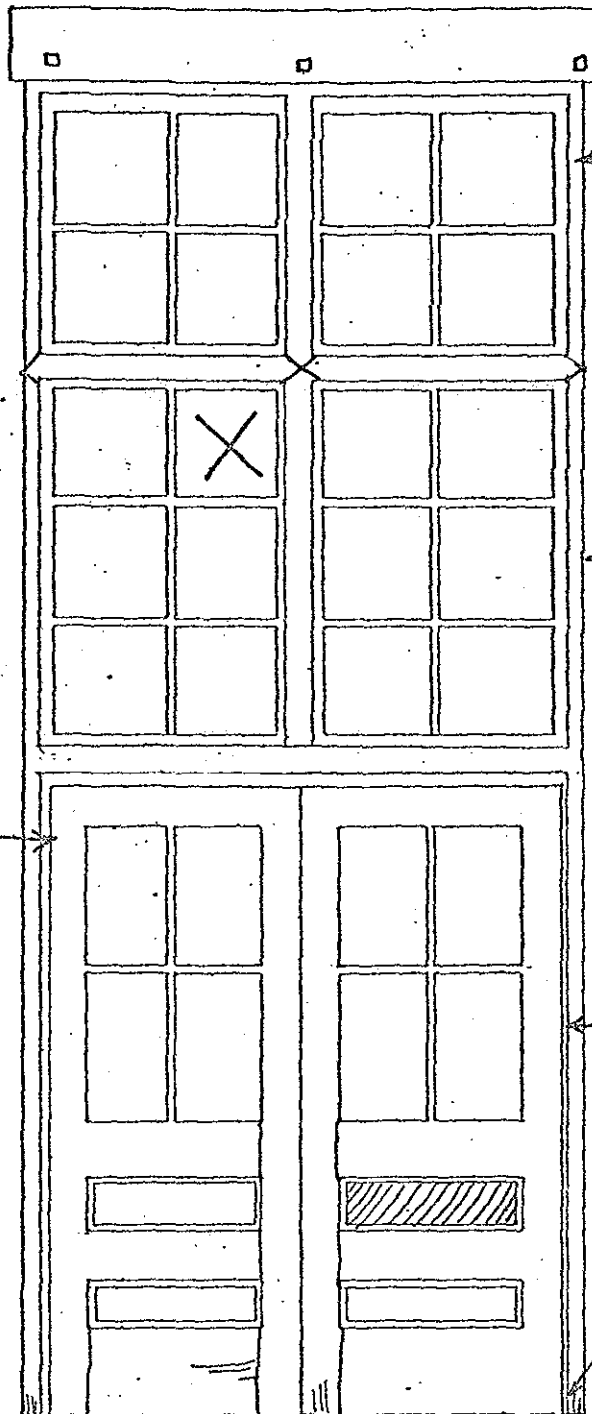
GRILL
SCREEN ON LOWER SASH - POOR CONDITION

T1 THIRD FLOOR, LIGHT COURTS (29)	NUMBER SEL-305	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EURENKWITZ GROUP 19 West 44th Street, New York NY 10036	



INTERIOR: MOULDINGS FRAMING OPENING LOOSE ON
RIGHT (EAST) SIDE
GRILL.

12 THIRD FLOOR, LIGHT COURTS (2)	NUMBER SEL-307	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EBERHARTZ GROUP 19 West 44th Street, New York NY 10036	



HINGE PINS
LOOSE

SOME DAMAGE
TO REVEAL INSIDE

SASH PIVOTS AT
CENTER

GRILL IN PLACE
ON TOP; LOWER
PORTION ON GROUND
BELOW, ANCHORS IN
PLACE ON BRICK.

FRAME CUT AWAY
FOR ADDITIONAL SET
OF HINGES.

BOTH OVOLOS SPLIT
AT BOTTOM.

SLATE THRESHOLD SPLIT IN CENTER; DETACHED
FROM JAMBS; BRICK SPALLING BENEATH.

L3 LIGHT COURTS (1)

NUMBER

SWL-210

CLASS

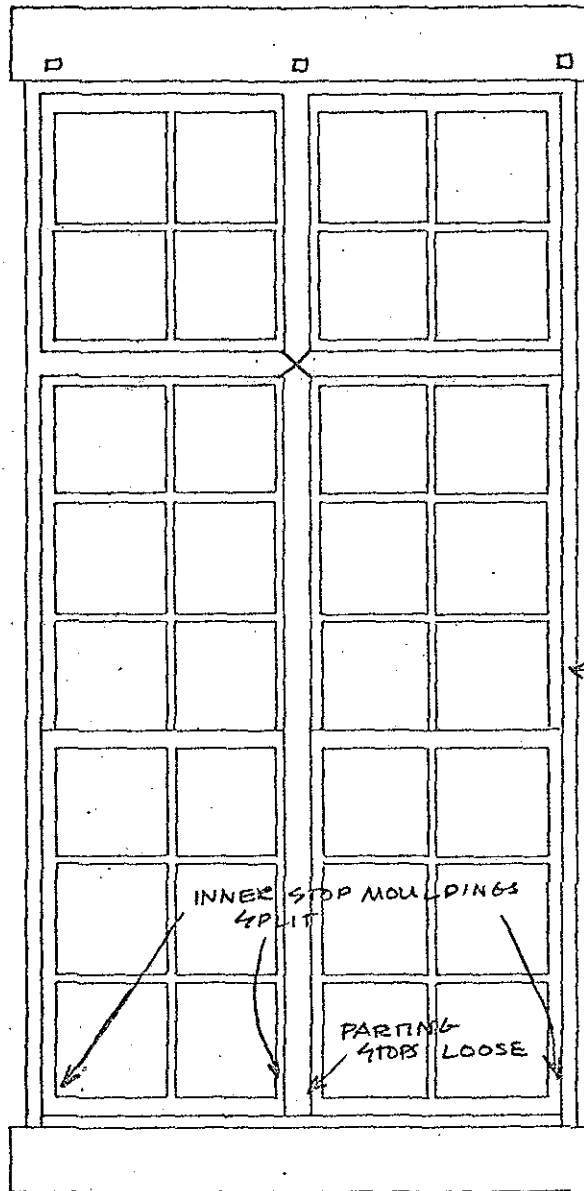
2

MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY |
THE DIERBERG GROUP |

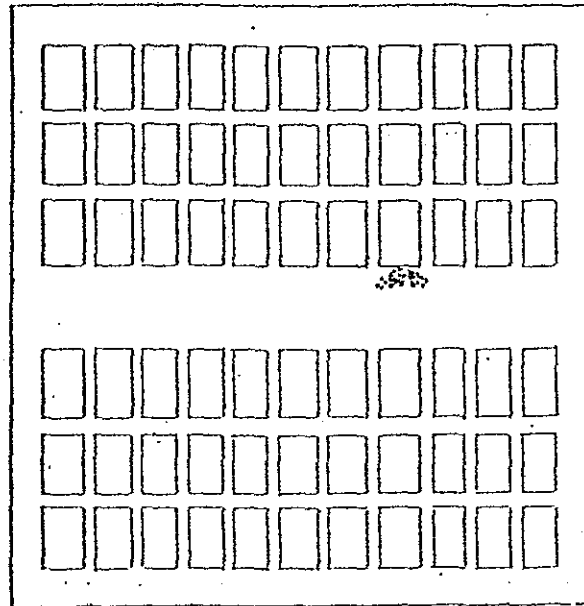
Statue of Liberty National Monument, New York

19 West 45th Street, New York NY 10036;



GOOD PAINT COVERING
 NO SCREENS ON TRACERS
 GRILL IN PLACE

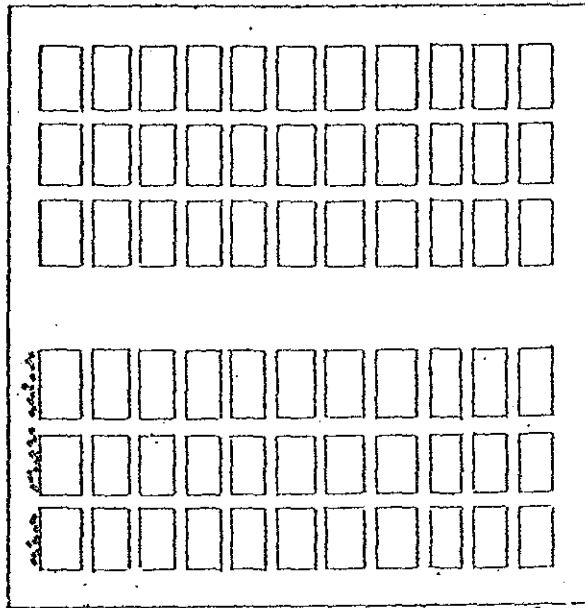
L1 2 ND FLOOR LIGHT COURTS (5)	NUMBER NWL-203	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE BRENNANWITZ GROUP 19 West 44th Street, New York NY 10036	



STEEL
CORRODED

N

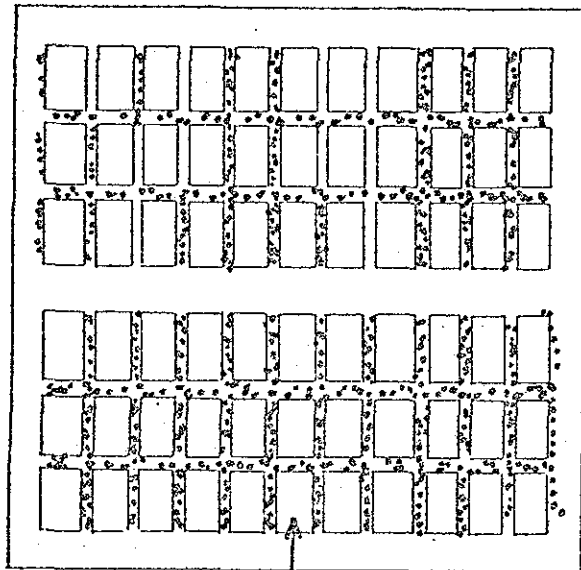
M4 SKYLIGHTS, TICKET OFFICE (10)	NUMBER M 201	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE DEBENOWITZ GROUP 19 West 44th Street, New York NY 10036	DWG NO.



2

FRAME CORRODED

<p>M4 SKYLIGHTS, TICKET OFFICE (1);</p>	<p>NUMBER M202</p>	<p>CLASS 2</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York</p>	<p>BUILDING CONSULTING TECHNOLOGY THE DEBERGOWITZ GROUP 19 West 44th Street, New York NY 10036</p>	<p>DWG NO.</p>



GLASS CHIPPED

M3 SKYLIGHTS, TICKET OFFICE (4)

NUMBER
M 203

CLASS
3

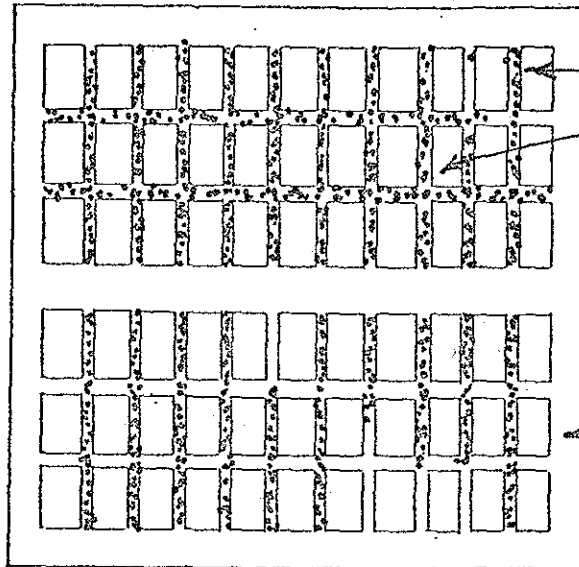
MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
THE DREHMANITZ GROUP

DWG NO.

Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036



GLASS SPALLED

STEEL FRAME
CORRODED INSIDE

M3 SKYLIGHTS, TICKET OFFICE (4)

NUMBER
M 204

CLASS
3

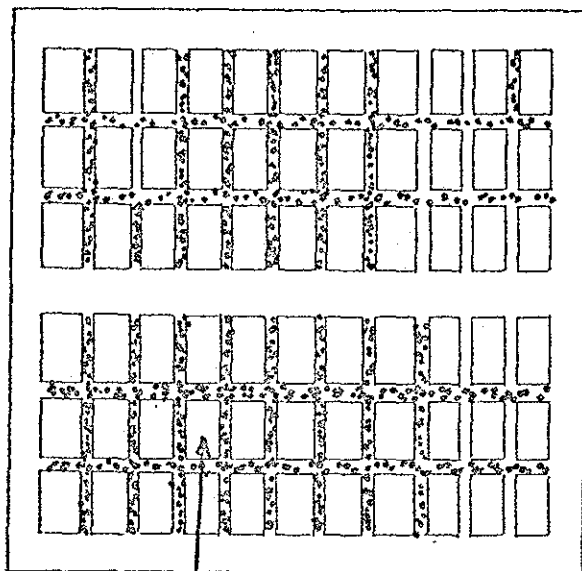
MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
THE DEONJANTZ GROUP

DWG. NO.

Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036



N

GLASS CHIPPED

M3 SKYLIGHTS, TICKET OFFICE (4)

NUMBER
M 205

CLASS
3.

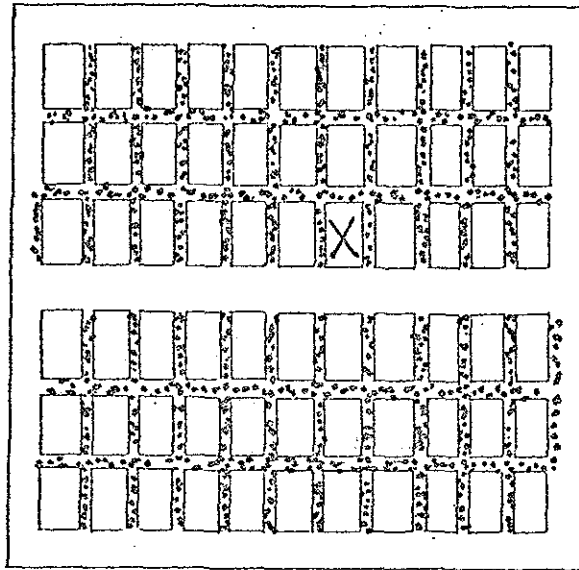
MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
THE BRENNANTZ GROUP

DWG NO.

Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036



N

← STEEL FRAME
CORRODED INSIDE

M3 SKYLIGHTS, TICKET OFFICE (4)

NUMBER
M 206

CLASS
3

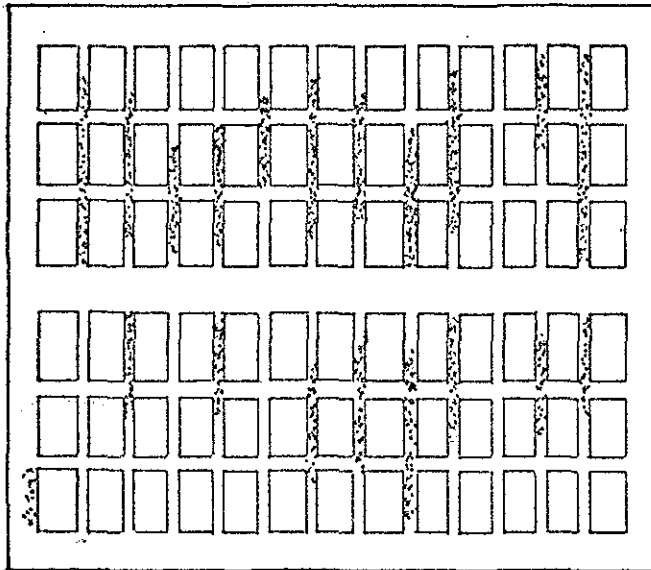
MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
THE EPENBRANTZ GROUP

DWG NO.

Statue of Liberty National Monument, New York

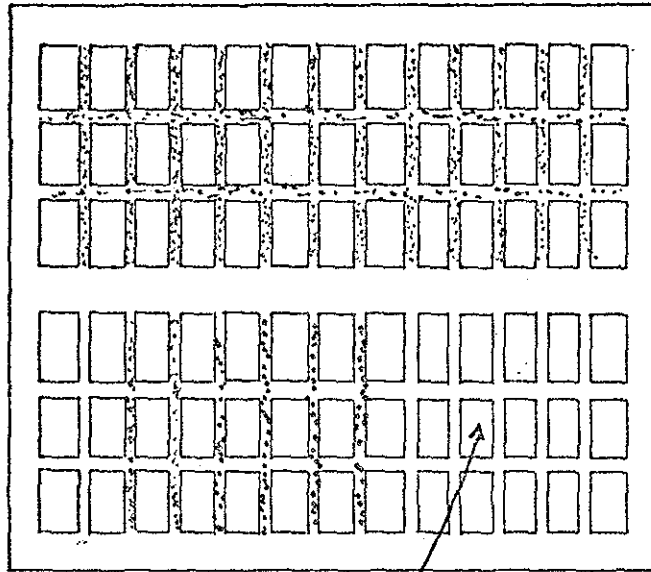
19 West 44th Street, New York NY 10036



N

CONCRETE SPALLED, STEEL BARS RUSTING

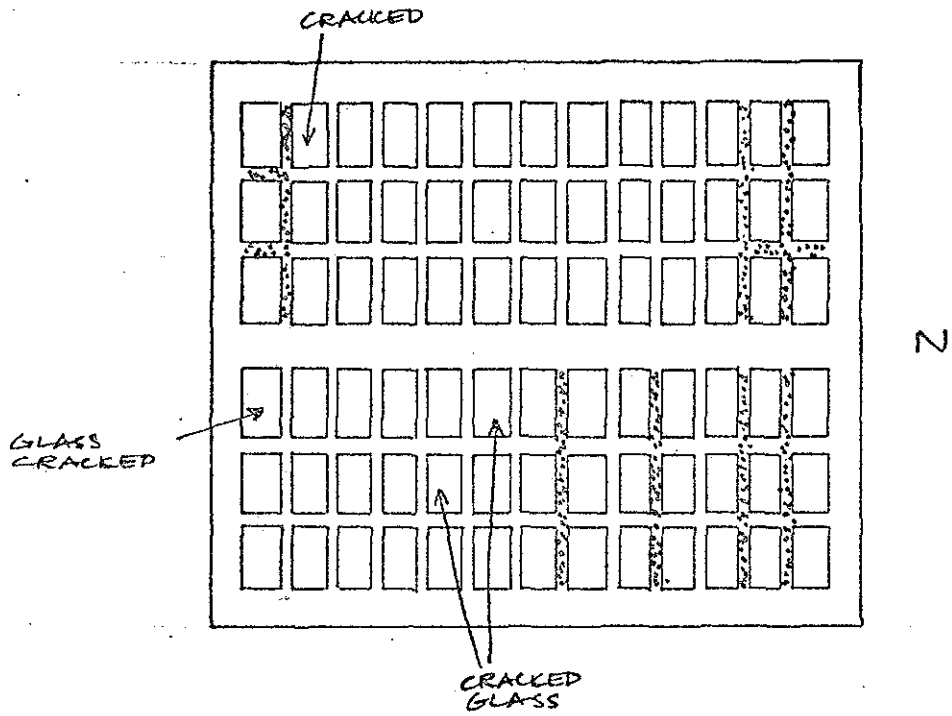
M1 SKYLIGHTS, TICKET OFFICE (4)	NUMBER M 207	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OCCUPATION TECHNOLOGY THE BRENNERWITZ GROUP 19 West 44th Street, New York NY 10036	



GLASS CHIPPED

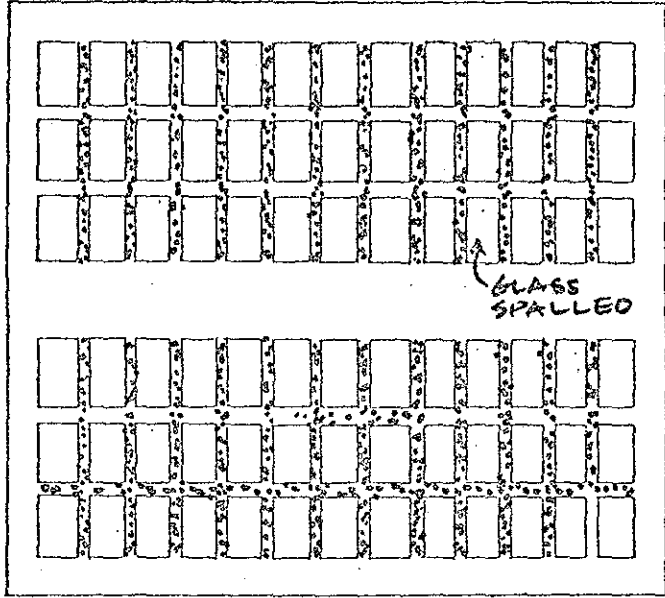
ALL CONCRETE CRACKED & SPALLING
 FRAME RUSTED

M1 SKYLIGHTS, TICKET OFFICE (4)	NUMBER M 208	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OPERATIONS TECHNOLOGY THE BERENSON GROUP 19 West 44th Street, New York NY 10036	

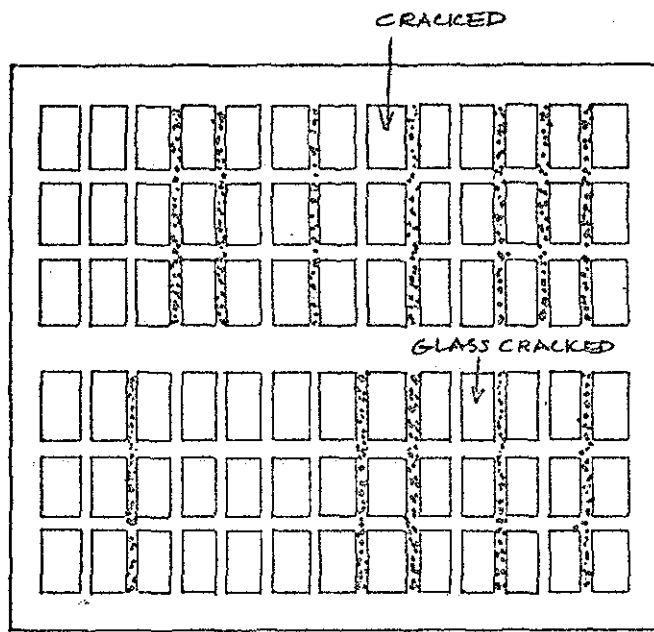


FRAME CORRODED

M1 SKYLIGHTS, TICKET OFFICE (4)	NUMBER M 209	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE EBERHARTZ GROUP 19 West 44th Street, New York NY 10036	

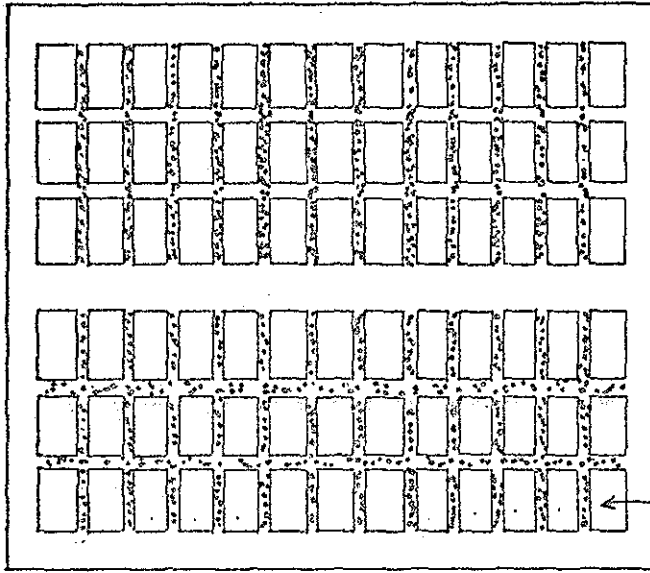


M2 SKYLIGHTS, TICKET OFFICE (A)	NUMBER N 210	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE DEBORAWITZ GROUP 19 West 44th Street, New York NY 10036	



FRAME CORRODED

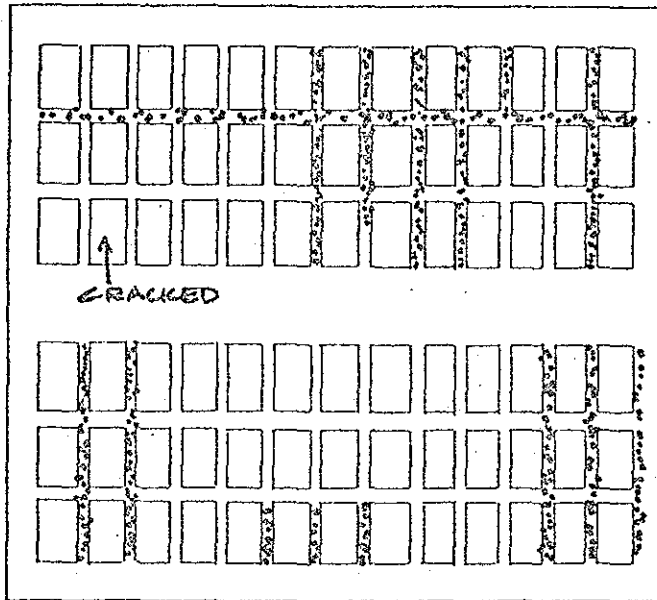
<p>M1 SKYLIGHTS, TICKET OFFICE (4)</p>	<p>NUMBER M 211</p>	<p>CLASS 3</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York</p>	<p>BUILDING CONSTRUCTION TECHNOLOGY THE BERENSON GROUP 19 West 44th Street, New York NY 10036</p>	



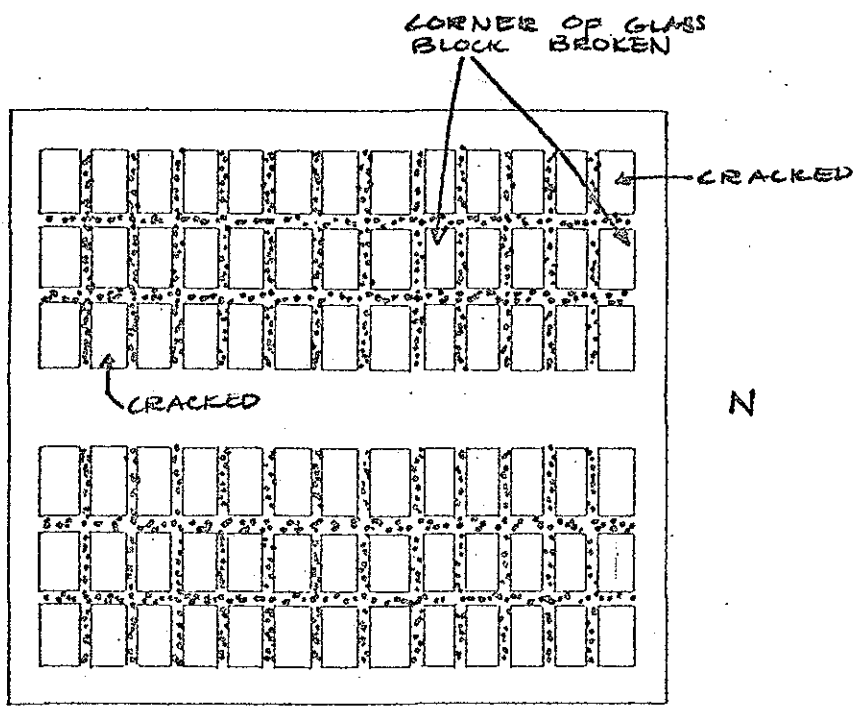
N

← GLASS BROKEN (UPPER LAYER)

<p>M1 SKYLIGHTS, TICKET OFFICE (4)</p>	<p>NUMBER N 212</p>	<p>CLASS 3</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York</p>	<p>BUILDING CONSERVATION TECHNOLOGY THE BERENSON GROUP 19 West 44th Street, New York NY 10036</p>	

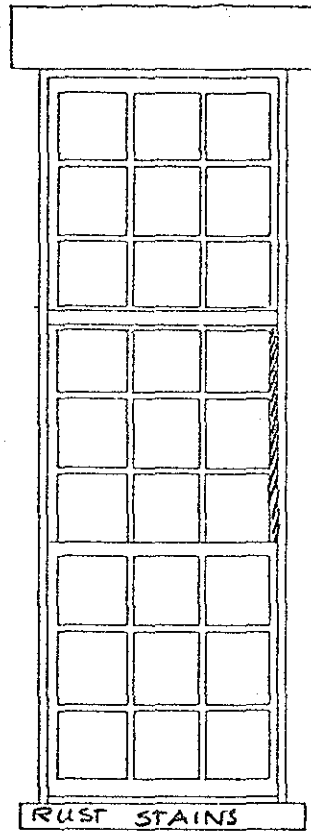


M2 SKYLIGHTS, TICKET OFFICE (A)	NUMBER M 213	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE DEENGRATZ GROUP 19 West 44th Street, New York NY 10036	DWG NO.



REINFORCEMENT BARS EXPOSED & CORRODED

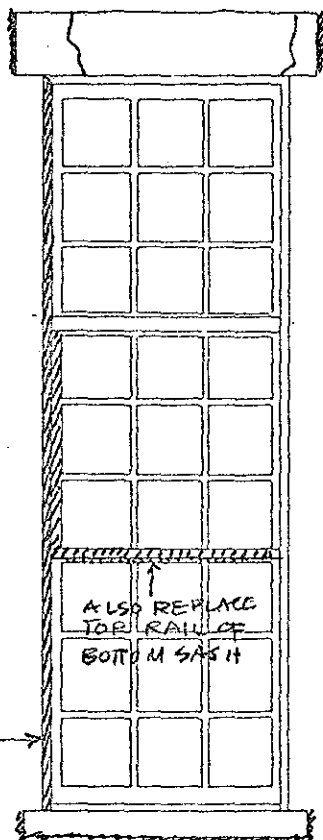
M2 SKYLIGHTS, TICKET OFFICE (12)	M 214	3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE DEGENHARTZ GROUP 19 West 44th Street, New York NY 10036	



VISIBLE FROM BELOW OUTSIDE ONLY

NO GRILL
NO SCREENS

N EAST LIGHT COURTS (4)	NUMBER NEL-212	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE EBRINJANTZ GROUP 19 West 44th Street, New York NY 10036	



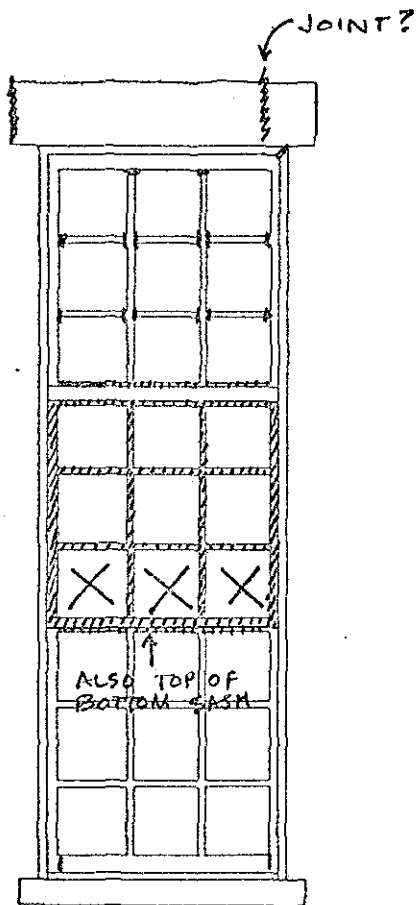
OVALO LOOSE,
OUTER STOP WET

ALSO REPLACE
TOP RAIL OF
BOTTOM SASH

VISIBLE FROM OUTSIDE ONLY

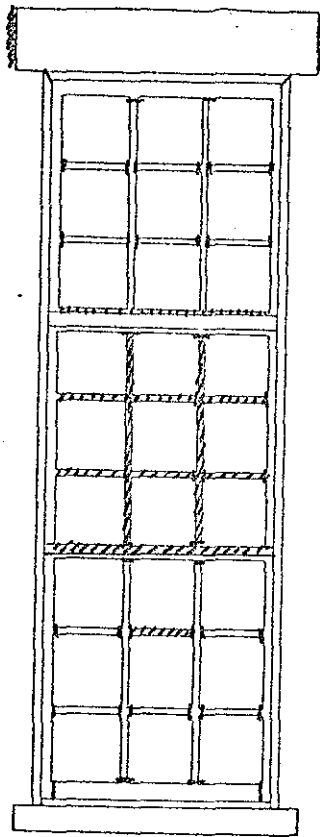
NO GRILL

N EAST LIGHT COURTS (4)	NUMBER NEL-213	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EBENJWITZ GROUP 19 West 44th Street, New York NY 10036	



GRILL
NO SCREENS

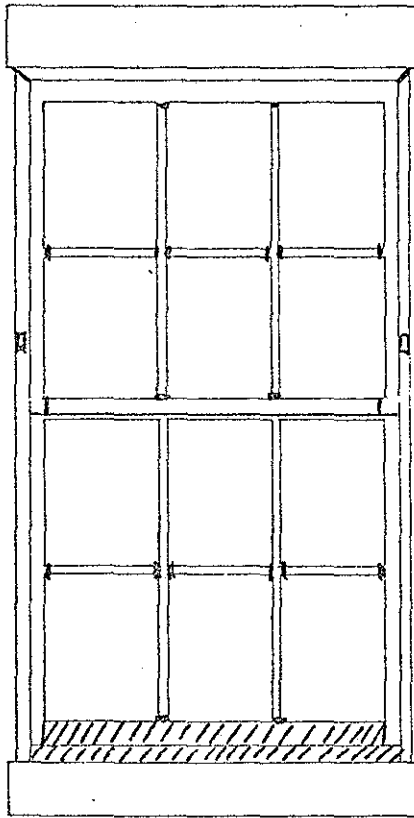
N EAST LIGHT COURTS (A)	NUMBER SEL-212	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EBERHARTZ GROUP 19 West 44th Street, New York NY 10036	



- INTERIOR:
- TRIM WATER-DAMAGED
 - ONLY ABLE TO REACH LOWEST SASH - WILL NOT OPEN
 - MOLDINGS FRAMING TOP OPENINGS LOOSE, WARPED

GRILL

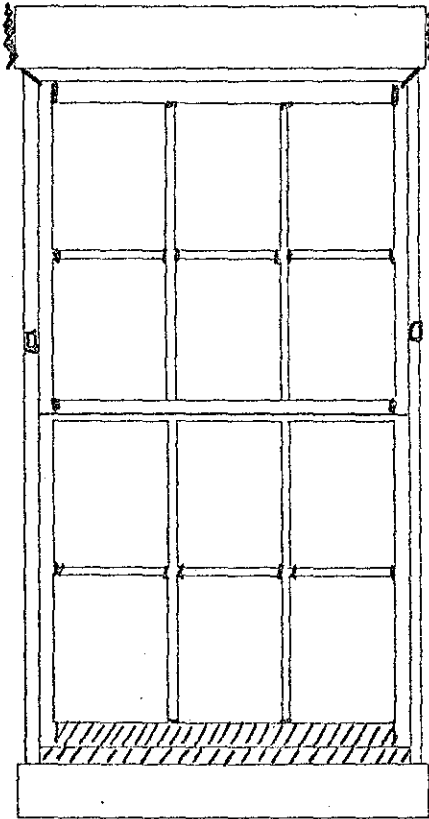
N EAST LIGHT COURTS (4)	NUMBER SEL-213	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE BERENSON/77 GROUP 19 West 44th Street, New York NY 10036	



- INTERIOR:
- REPLACE STOOL
 - MOULDING FRAMING OPENING LOOSE, WARPED ALONG HEAD
 - JAMB FRAMING EXPOSED, WET, ROTTED ON RIGHT (NORTH) SIDE

NO GRILL

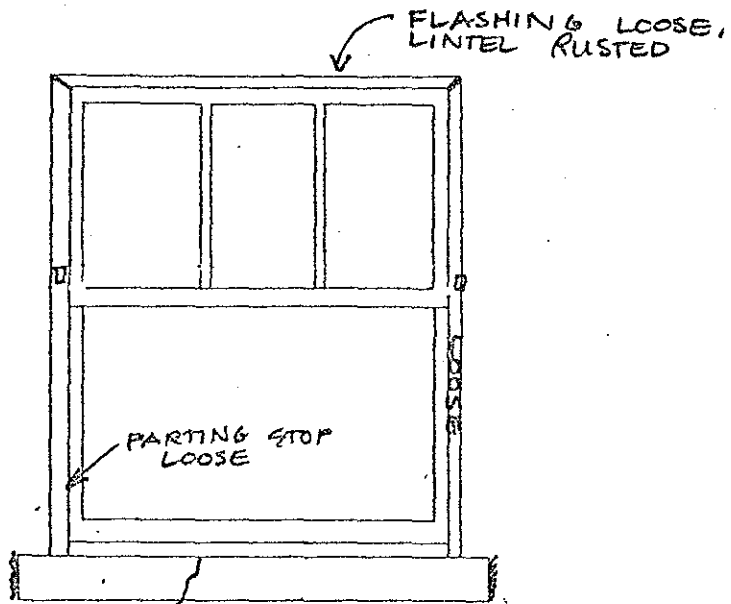
0 EAST LIGHT COURTS	NUMBER NEL-210	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OXIDIZATION TECHNOLOGY THE FERNBERG GROUP 19 West 44th Street, New York NY 10036	



INTERIOR: REPLACE STOOL

NO GRILL

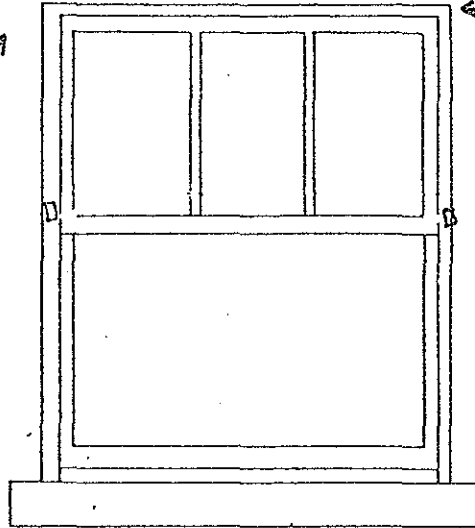
0 EAST LIGHT COURTS	NUMBER NEL-211	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE BERENSON GROUP 19 West 44th Street, New York NY 10036	



NO GRILL

<p>P EAST LIGHT COURTS (17)</p>	<p>NUMBER NEL-205</p>	<p>CLASS 1</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York</p>	<p>BUILDING CONSERVATION TECHNOLOGY THE EBENSTANTZ GROUP 19 West 44th Street, New York NY 10036</p>	

BRICK
SPALLING



LINTEL RUSTED,
BEGINNING TO SAG;
FLASHING LOOSE

P EAST LIGHT COURTS (17)

NUMBER
NEL-206

CLASS

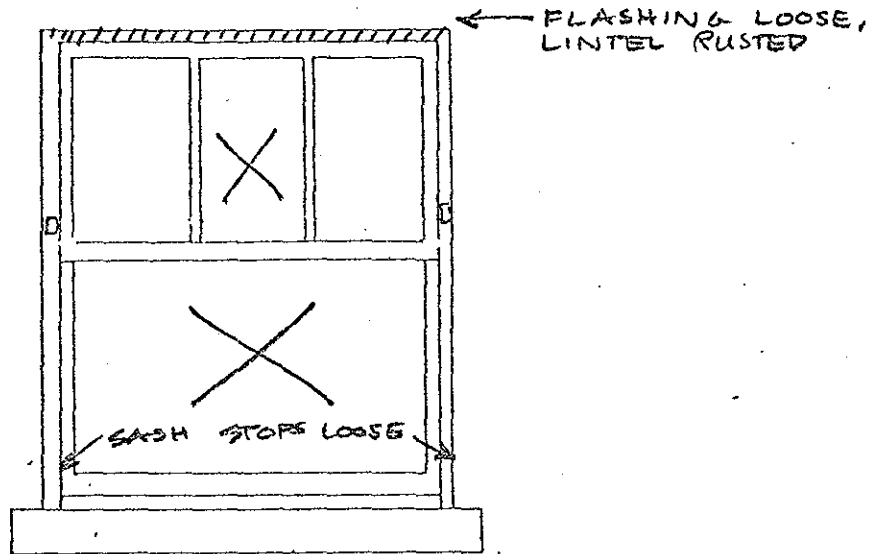
1

MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
THE EBERHARTZ GROUP

Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036



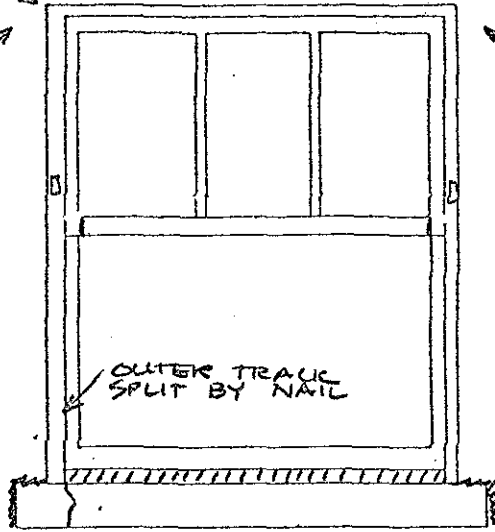
INTERIOR: WALL IS FALLING THROUGH HEAD -
 REPLACE ALL HEAD FRAMING & SASH
 TRACKS

NO SKILL

P EAST LIGHT COURTS (17)	NUMBER NEL-207	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EBERHARTZ GROUP 19 West 44th Street, New York NY 10036	

FLASHING LOOSE,
LINTEL RUSTED

BRICK
SPALLING



BRICK
SPALLING

NO GRILL

P EAST LIGHT COURTS (11)

NUMBER
NEL - 208

CLASS
2

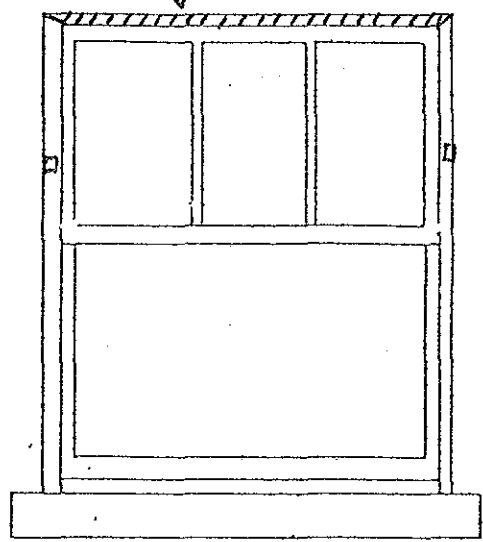
MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
THE EBENFANTZ GROUP

Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036

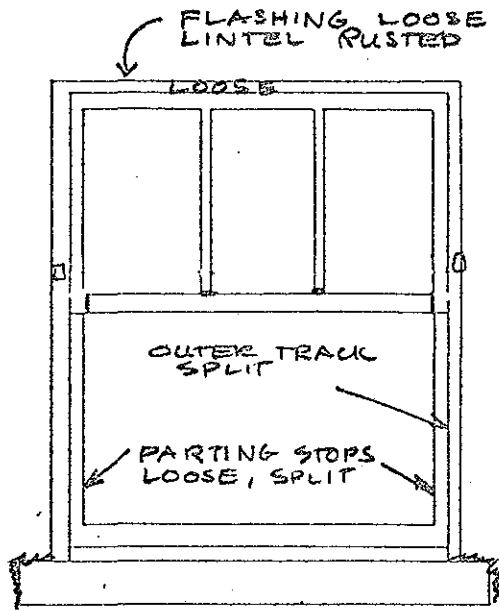
LINTEL RUSTED, SAGGING
FLASHING LOOSE



INTERIOR: HEAD & JAMBS SPLIT & ROTTED - REPLACE

NO GRILL

P EAST LIGHT COURTS	NUMBER NEL-209	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE DESSIGNZ GROUP 19 West 44th Street, New York NY 10036	



NO GRILL

P EAST LIGHT COURTS (10)

NUMBER
SEL-201

CLASS
1

MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

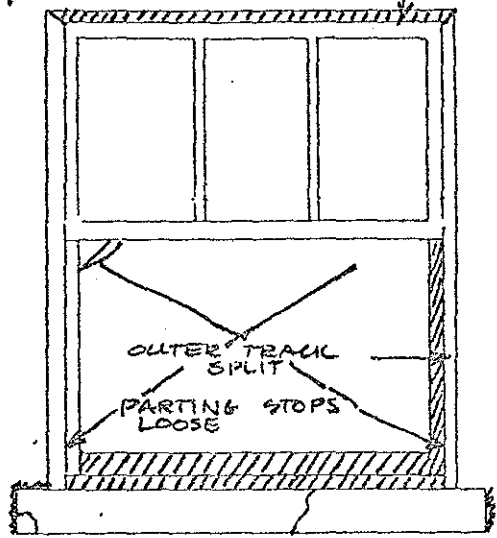
BUILDING CONSERVATION TECHNOLOGY
THE EBENSWANTZ GROUP

Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036

LINTEL RUSTED,
FLASHING LOOSE →

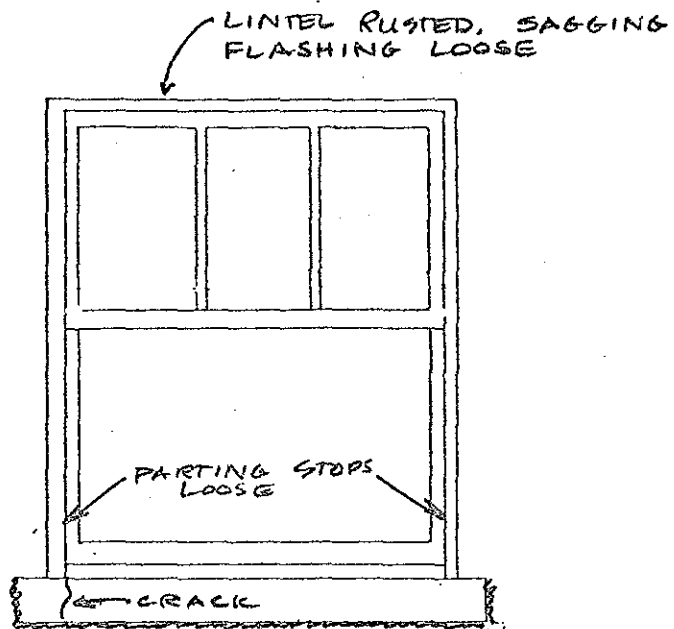
OVOL & BLOCKING LOOSE,
HAVE PULLED OUT 3/8"
ON THIS SIDE



INTERIOR: MOULDINGS FRAMING TOP SASH LOOSE
& WARPED. NO APPARENT ROT AT PRESENT.

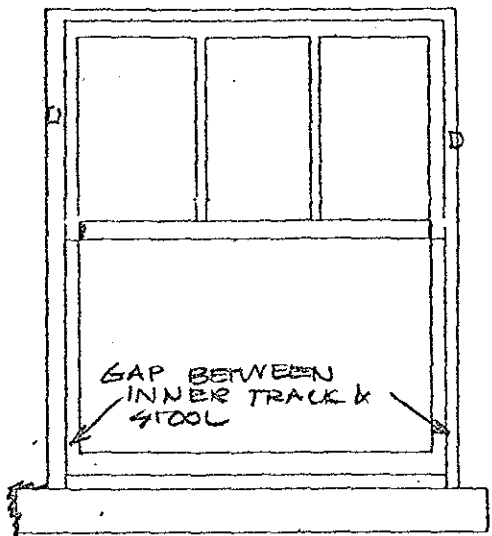
NO GRILL

P EAST LIGHT COURTS (11)	NUMBER SEL-202	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE EBENSWANTZ GROUP 19 West 44th Street, New York NY 10036	



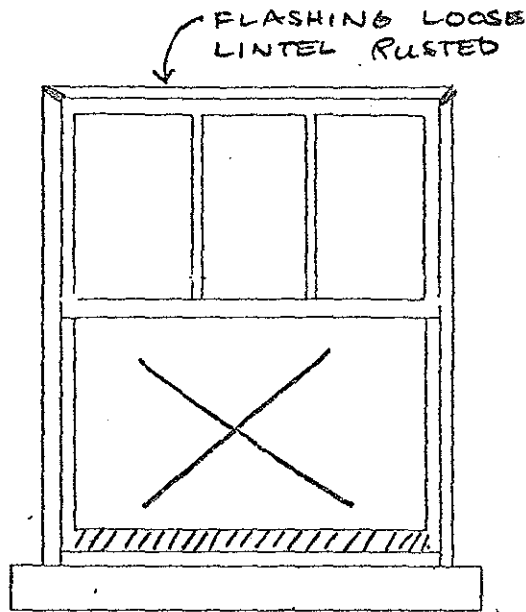
P EAST LIGHT COURTS (10)	NUMBER SEL-203	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EBENKANTZ GROUP 19 West 44th Street, New York NY 10036	

FLASHING LOOSE
LINTEL RUSTED, SAGGING



NO GRILL

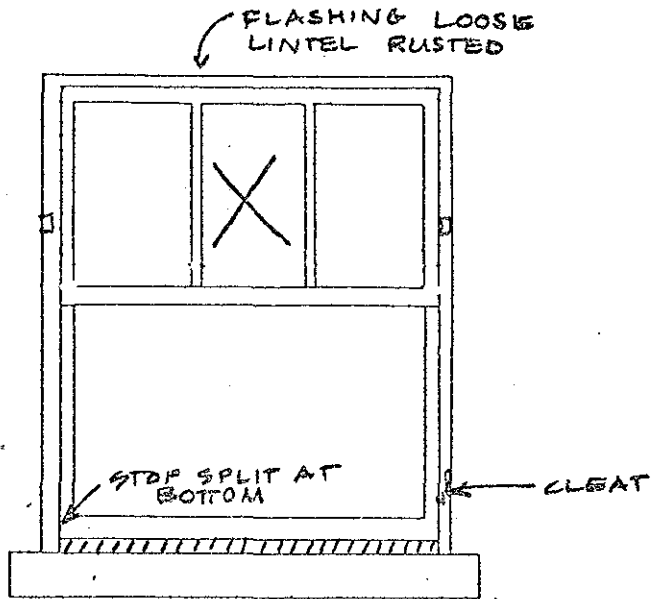
P EAST LIGHT COURTS (11)	NUMBER SEL-204	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE DEENSTANTZ GROUP 19 West 44th Street, New York NY 10036	



- INTERIOR:
- MOULDING FRAMING OPENING LOOSE ALONG HEAD
 - GAP BETWEEN INNER TRACKS & STOOL

NO GRILL

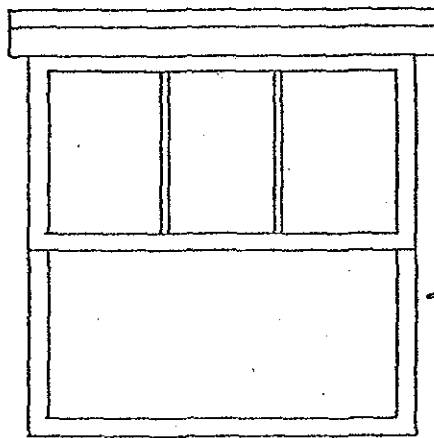
P EAST LIGHT COURTS (17)	NUMBER SEL-205	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EBENSWANTZ GROUP 19 West 44th Street, New York NY 10036	



- INTERIOR:
- SASH STOP ON HEAD WORN BY LOGG ON TOP RAIL OF LOWER SASH
 - SCREW MISSING ON RIGHT (EAST) SIDE INNERTRACK
 - INNER TRACK ON LEFT (WEST) SPLIT-REPLACE
 - GAP BETWEEN INNER TRACKS & STOOLS, BOTH SIDES

NO GRILL

P EAST LIGHT COURTS (11)	NUMBER SEL-207	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EBENKANTZ GROUP 19 West 44th Street, New York NY 10036	



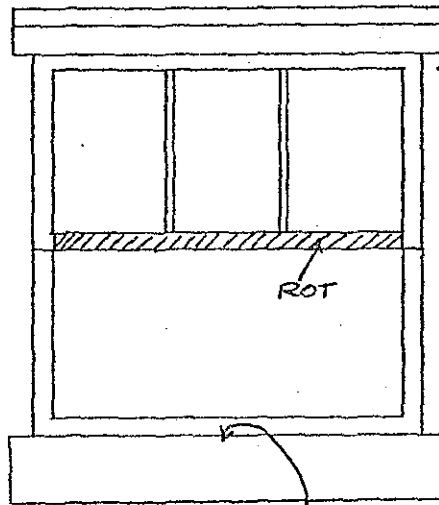
LOPPER FLASHING

← FLASHING ON BOTH JAMBS

- INTERIOR:
- SASH STOPS SWOLLEN, WINDOW WON'T OPEN
 - SILL & JAMB COVERS MARBLE

GRILL

WEST LIGHT JOISTS (1)	NUMBER SWL-208	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EISENKRANTZ GROUP 19 West 44th Street, New York NY 10036	



← BRICK SPALLING

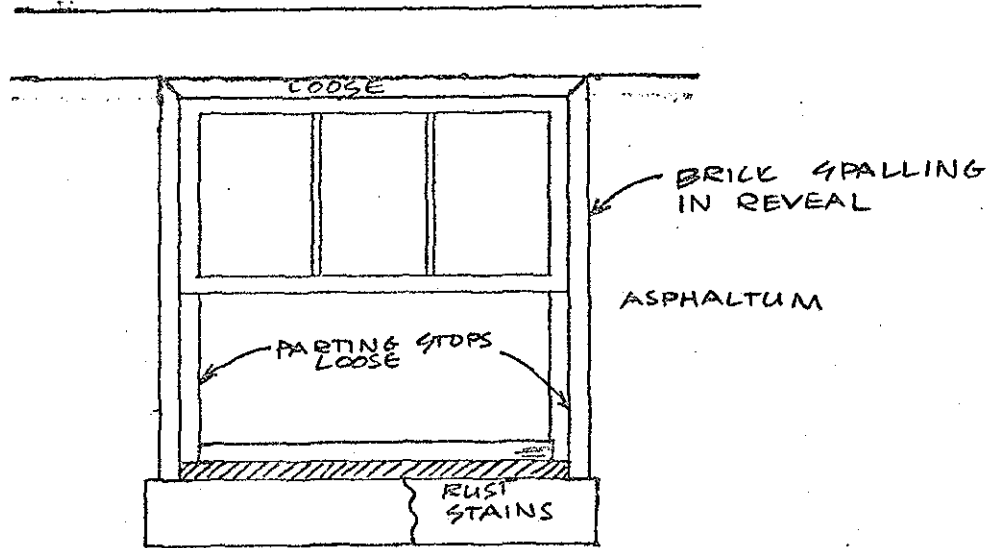
ROT

SPALLING & CRACKING
AROUND GRILL ANCHOR

- INTERIOR:
- SASH STUCK OPEN
 - BOARD NAILED ACROSS HEAD TO SUPPORT STAIR FRAMING
 - HEAD ROTTED

GRILL IN PLACE - LOOSE AT BOTTOM LEFT CORNER (HINGED ON RIGHT SIDE)

WEST LIGHT COVERTS (1)	NUMBER SWL-211	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EISENBERG GROUP 19 West 44th Street, New York NY 10036	

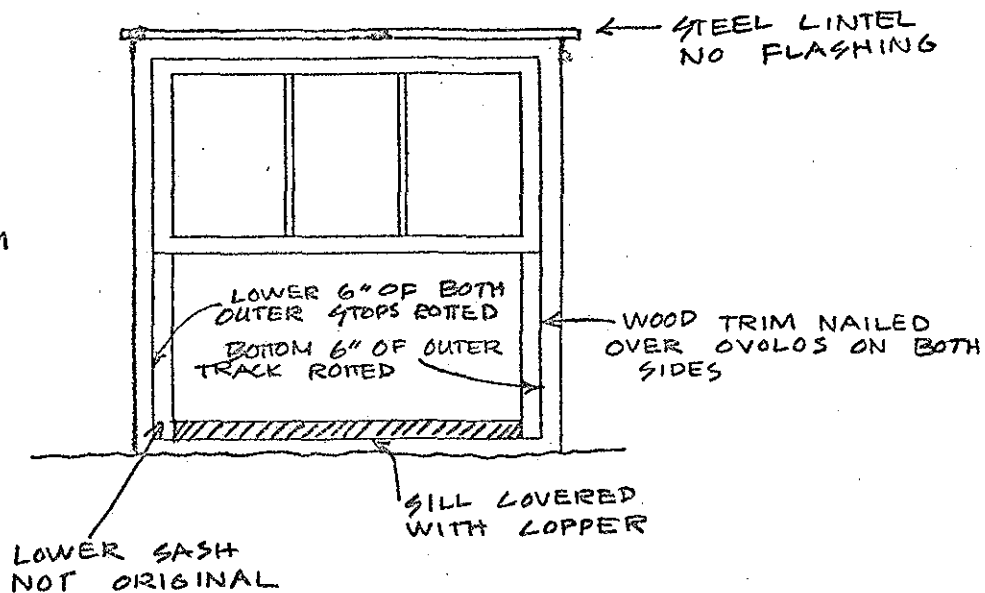


INTERIOR: • SOFFIT OF HEAD SPLIT BUT APPEARS O.K.
 • LINTEL EXPOSED, RUSTY

GRILL

R WEST LIGHT COURTS (1)	NUMBER SWL-212	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EISENKRANTZ GROUP 19 West 44th Street, New York NY 10036	

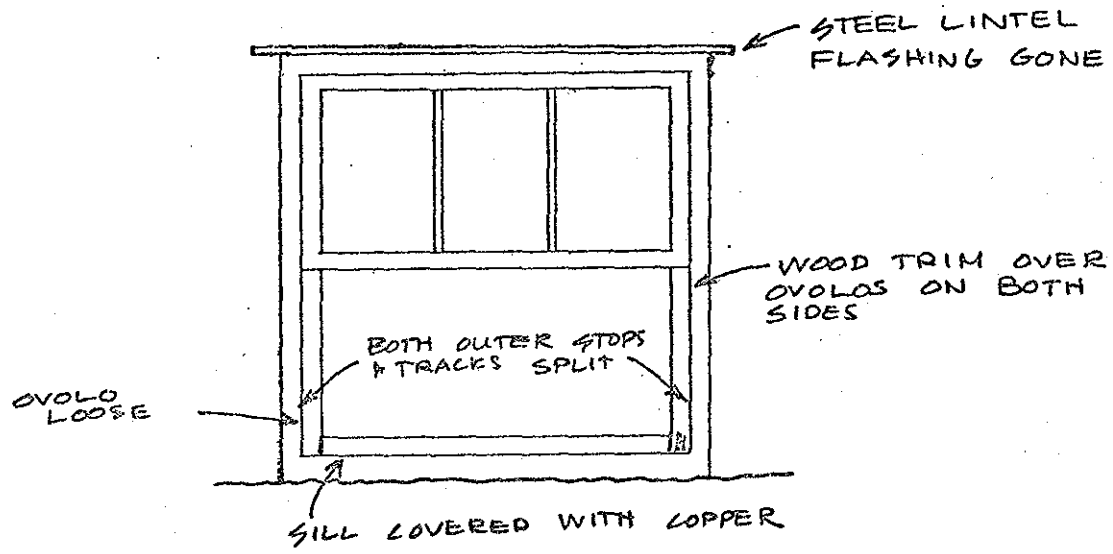
ASPHALTUM



- INTERIOR:
- ALL INNER STOP MOULDINGS MISSING
 - LOWER 2/3 OF JAMB MOULDINGS & INNER TRACK MISSING ON LEFT (EAST) SIDE
 - JAMB FRAMING EXPOSED & ROTTING ON TOP OF BOTH SIDES
 - MARBLE STOOL & JAMB COVERS

GRILL REMOVED

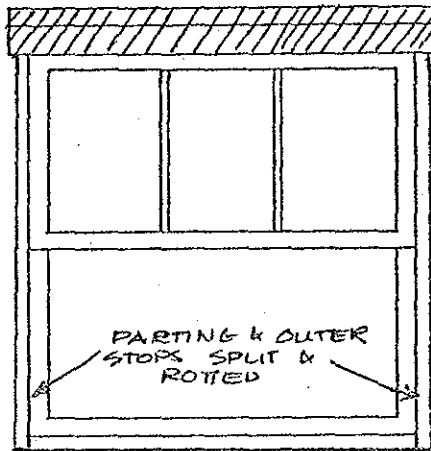
Q WEST LIGHT COURTS (4)	NUMBER NWL-201	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EHRENKRANTZ GROUP 19 West 44th Street, New York NY 10036	



INTERIOR: JAMB FRAMING EXPOSED ON WEST
SIDE BUT APPEARS TO BE SOUND
MARBLE STOOL & JAMB COVERS

GRILL REMOVED

WEST LIGHT COURTS (1)	NUMBER NWL-202	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EHRENKRANTZ GROUP 19 West 44th Street, New York NY 10036	



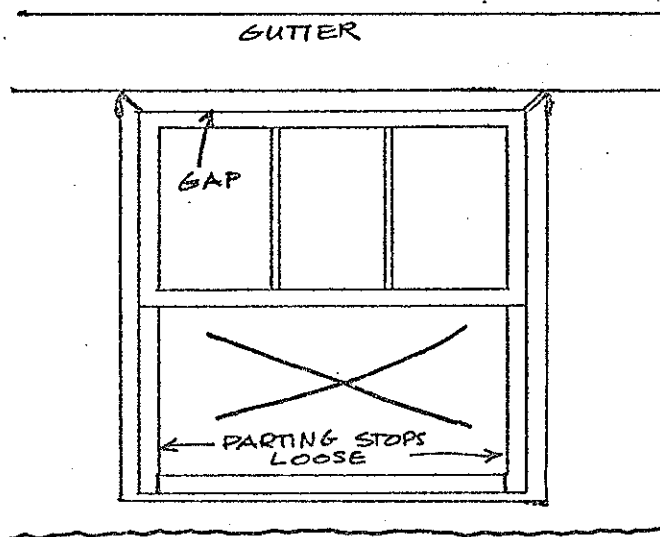
← UPPER LINTEL
HAS FALLEN OVER.
FRAMING EXPOSED
& SPLIT

PARTING & OUTER
STOPS SPLIT &
ROTTED

NOT ACCESSIBLE ON INTERIOR

GRILL IN PLACE - VERY RUSTY

R WEST LIGHT FIXTURES (4)	NUMBER NWL-204	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EISENKRANTZ GROUP 19 West 44th Street, New York NY 10036	

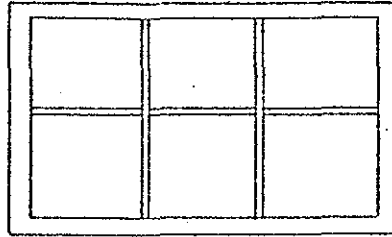


INTERIOR:

- JAMB FRAMING EXPOSED ON LEFT SIDE BUT APPEARS SOUND
- MARBLE STOOL & JAMB COVERS

GRILL IN PLACE - CORRODED.

R WEST LIGHT COURTS (1)	NUMBER NWL-206	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EHRENKRANTZ GROUP 19 West 44th Street, New York NY 10036	

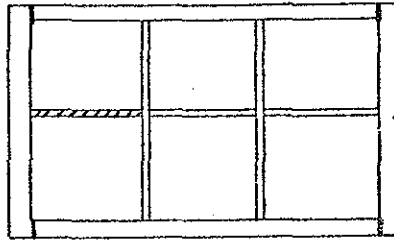


LOPPER COVERING
AROUND OPENING

INACCESSIBLE FROM INTERIOR & EXTERIOR

R WEST LIGHT COURTS (2)	NUMBER SWL-209	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EIRENKRANTZ GROUP 19 West 44th Street, New York NY 10036	

LOPPER
ALL AROUND



HINGES

GRILL IN PLACE

R WEST LIGHT COURTS (2)

NUMBER
NWL-205

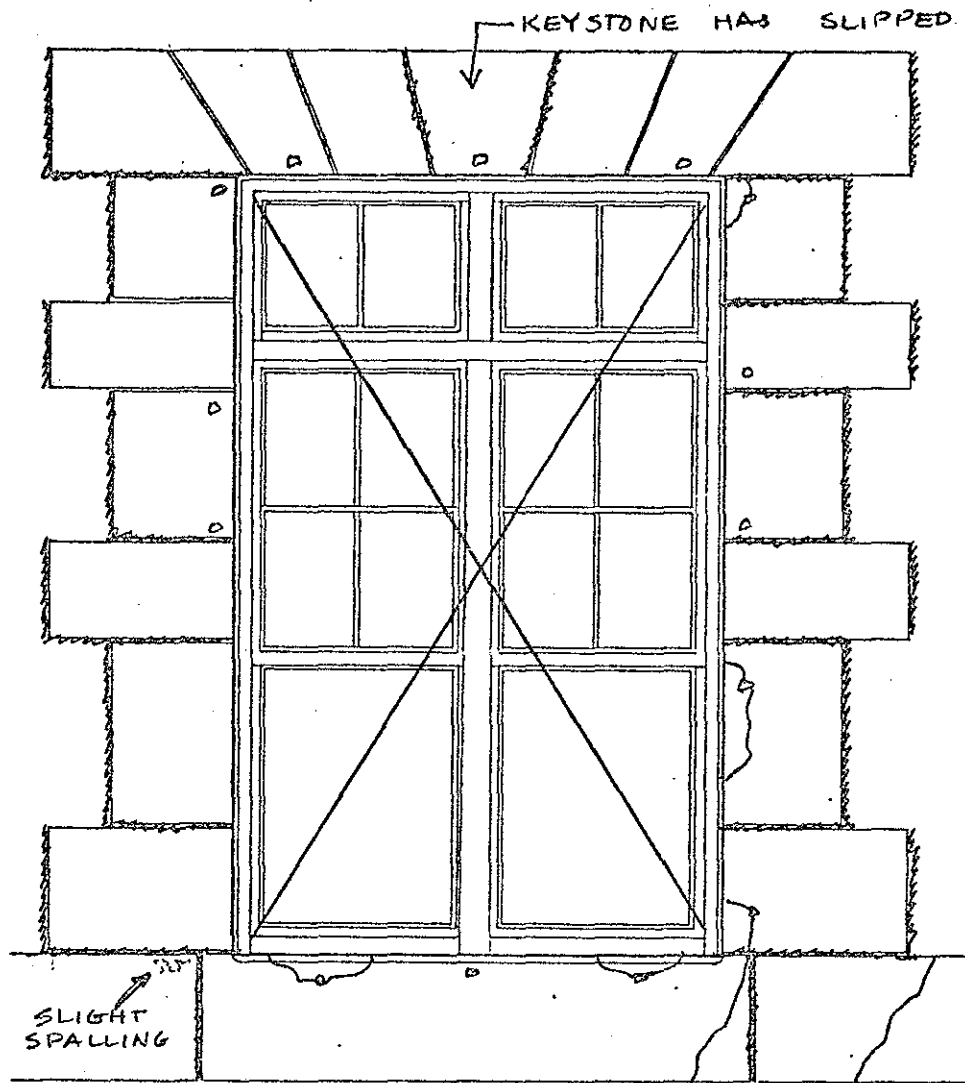
CLASS
2

MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
THE EISENKRANTZ GROUP

Statue of Liberty National Monument, New York

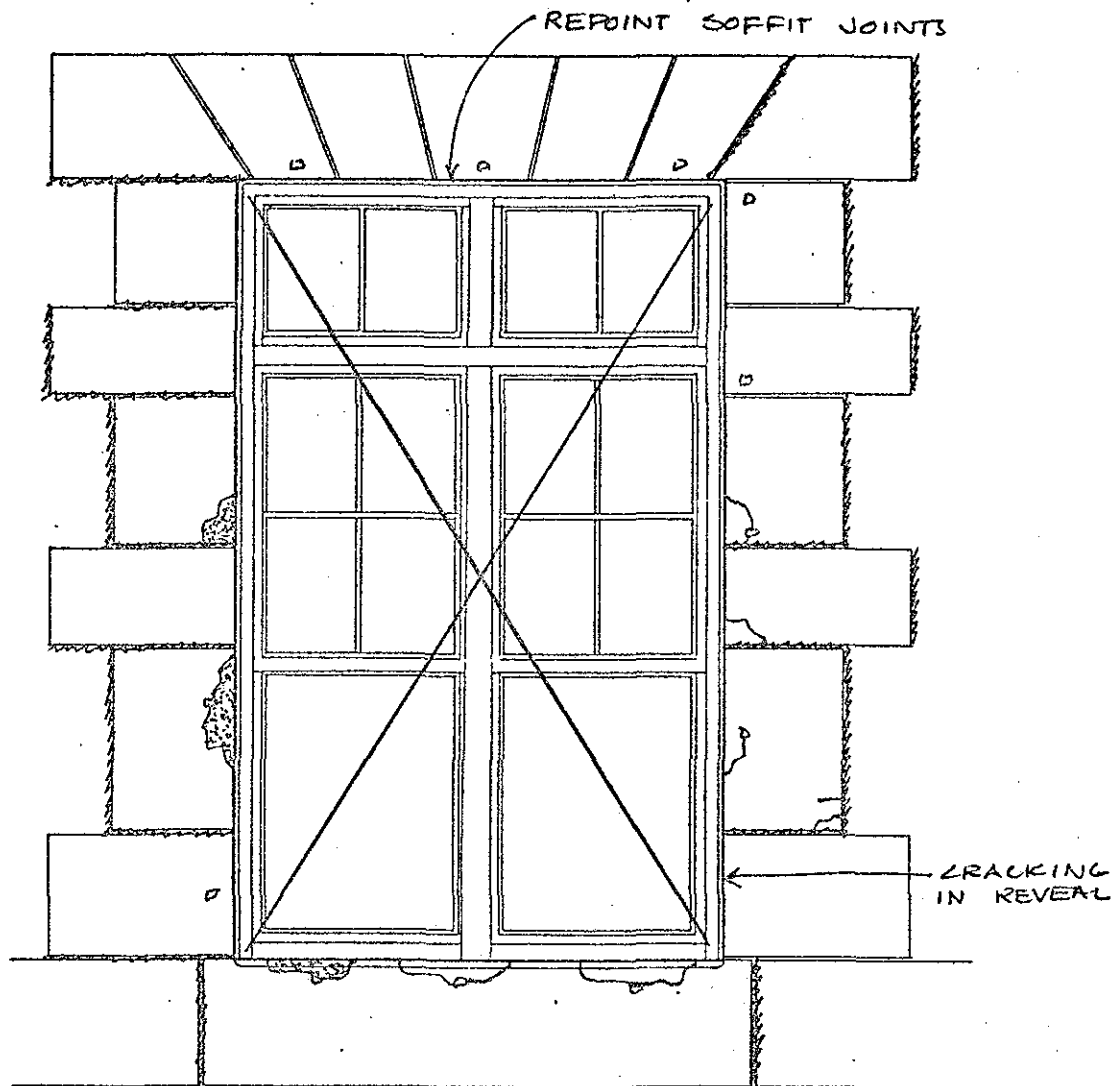
19 West 44th Street, New York NY 10036



WINDOW HAS FALLEN IN

GRILL REMOVED

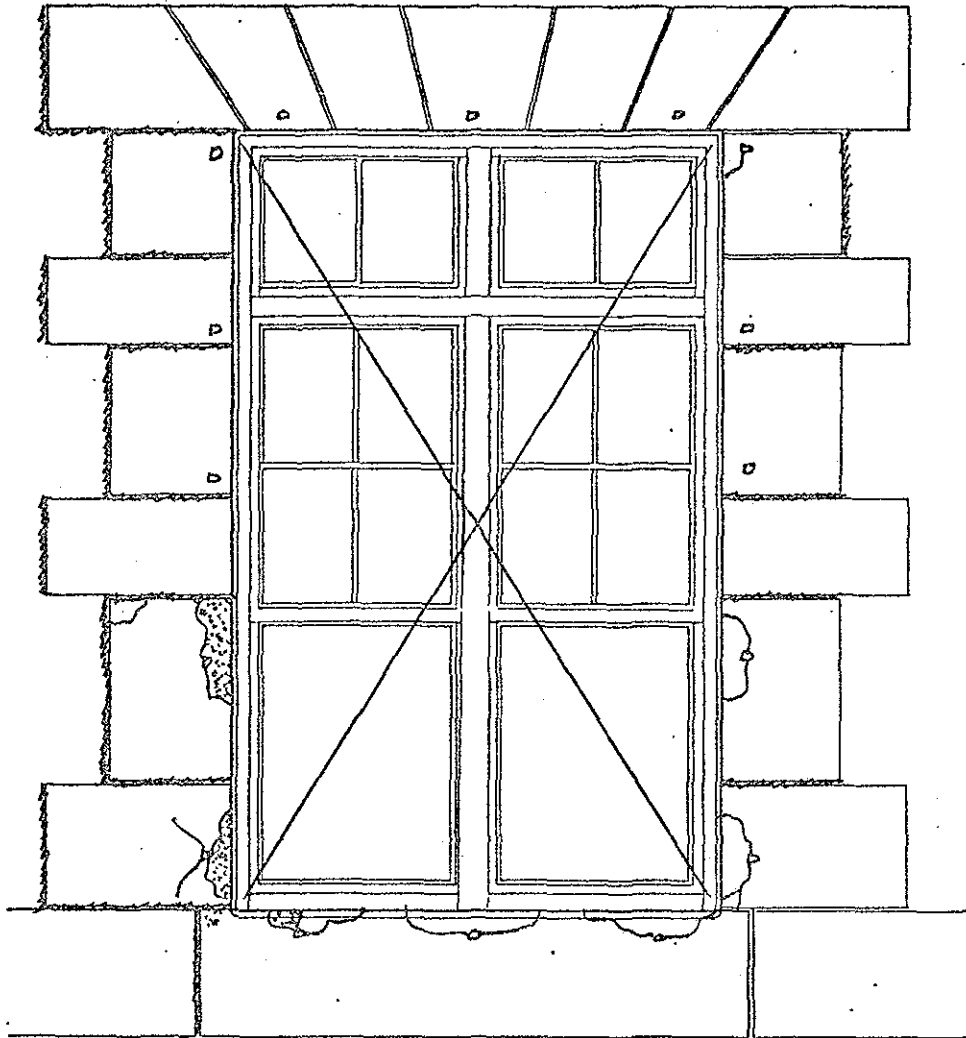
S, THIRD FLOOR, EXTERIOR ELEVATIONS (1 of 8)	NUMBER N 301	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EISENKRANTZ GROUP 19 West 44th Street, New York NY 10036	



WINDOW HAS FALLEN IN

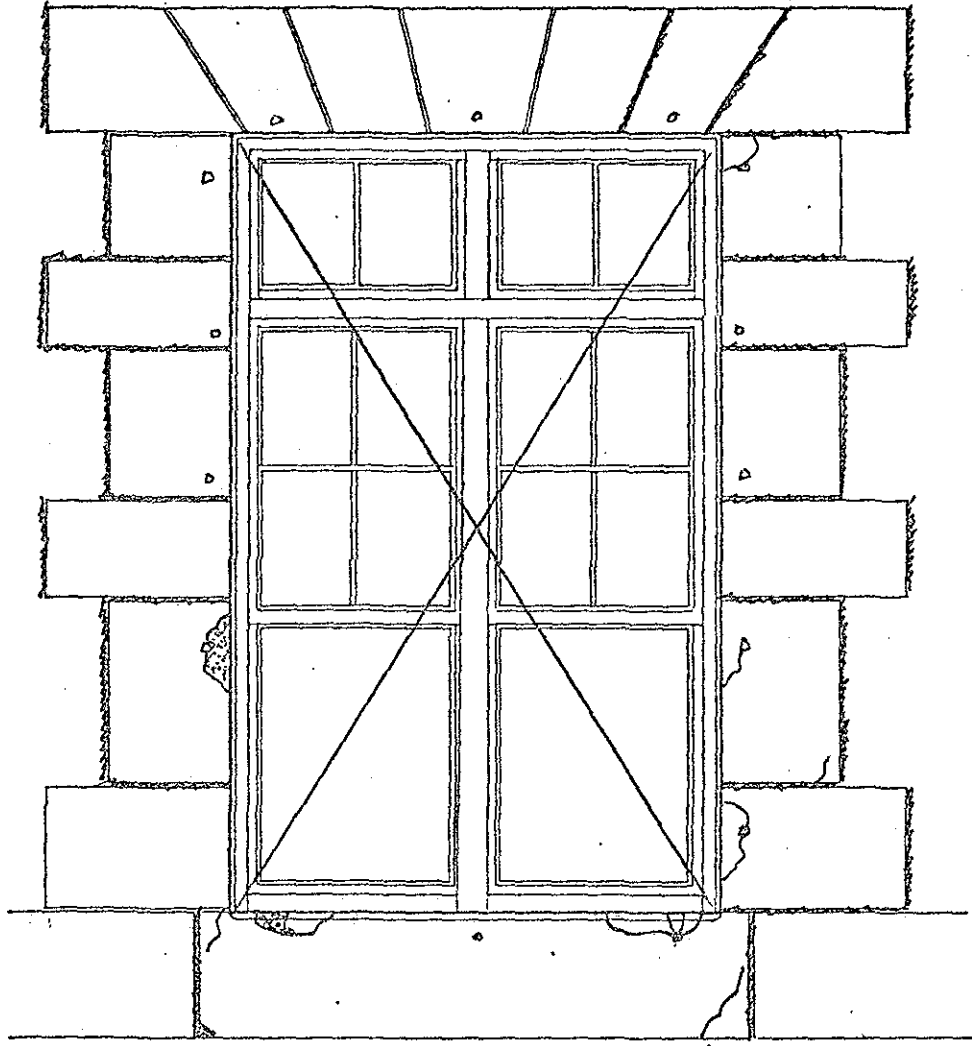
GRILL REMOVED

S. THIRD FLOOR, EXTERIOR ELEVATION (20)	NUMBER N 302	CLASS 3 wood
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EHRENKRANTZ GROUP 19 West 44th Street, New York NY 10036	2 stone



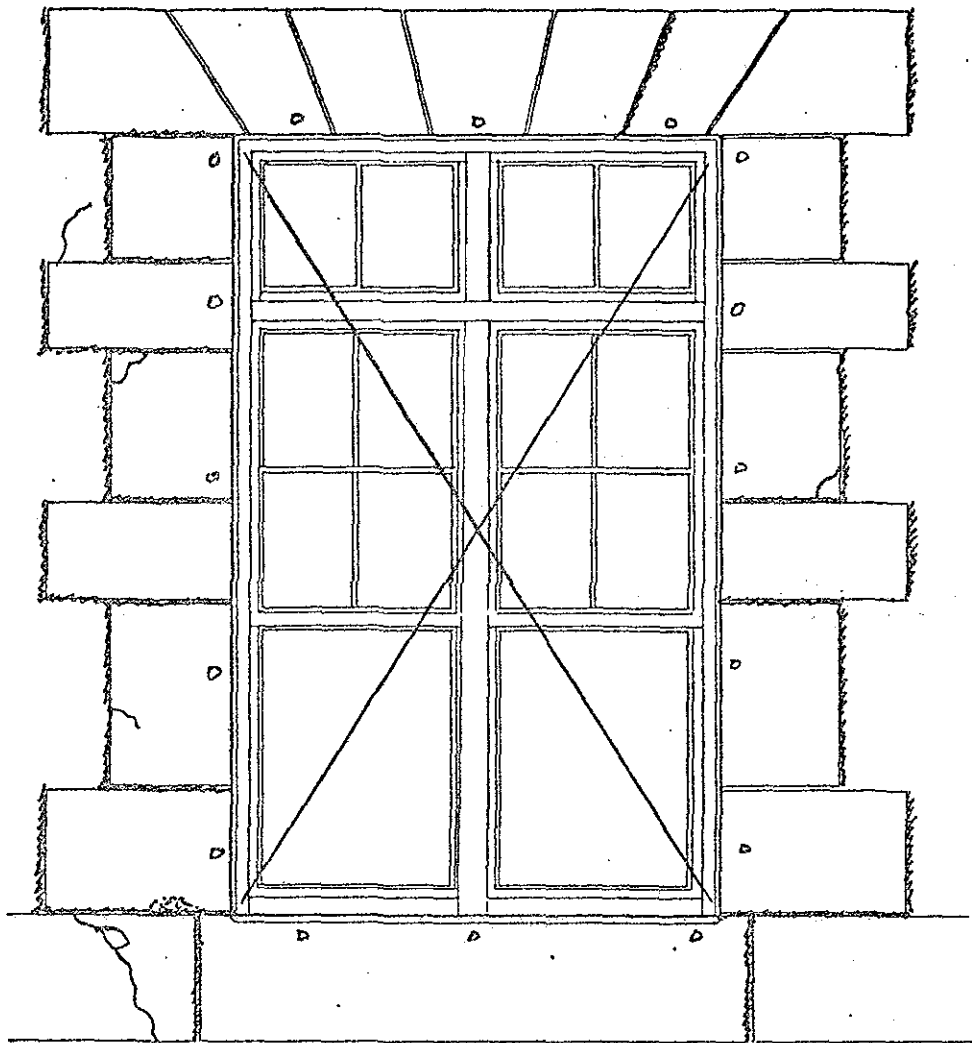
WINDOW HAS FALLEN IN
GRILL REMOVED

S. THIRD FLOOR, EXTERIOR ELEVATIONS (20)	NUMBER N 303	CLASS 3 wood
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EISENKRANTZ GROUP 19 West 44th Street, New York NY 10036	2 stone



WINDOW HAS FALLEN IN
 GRILL REMOVED

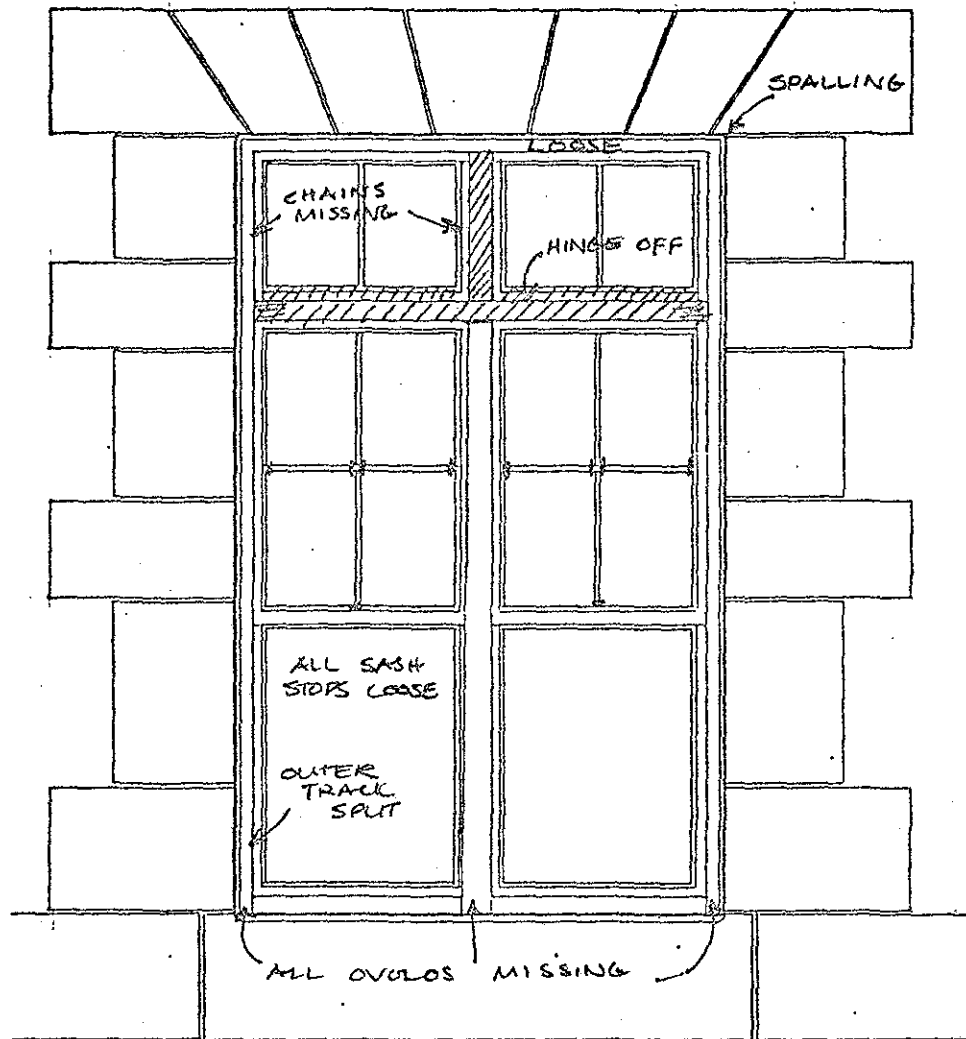
S. THIRD FLOOR, EXTERIOR ELEVATIONS (20)	NUMBER. N 304	CLASS 3 wood
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EIRENKRANTZ GROUP 19 West 44th Street, New York NY 10036	2 stone



WINDOW HAS FALLEN IN

GRILL REMOVED

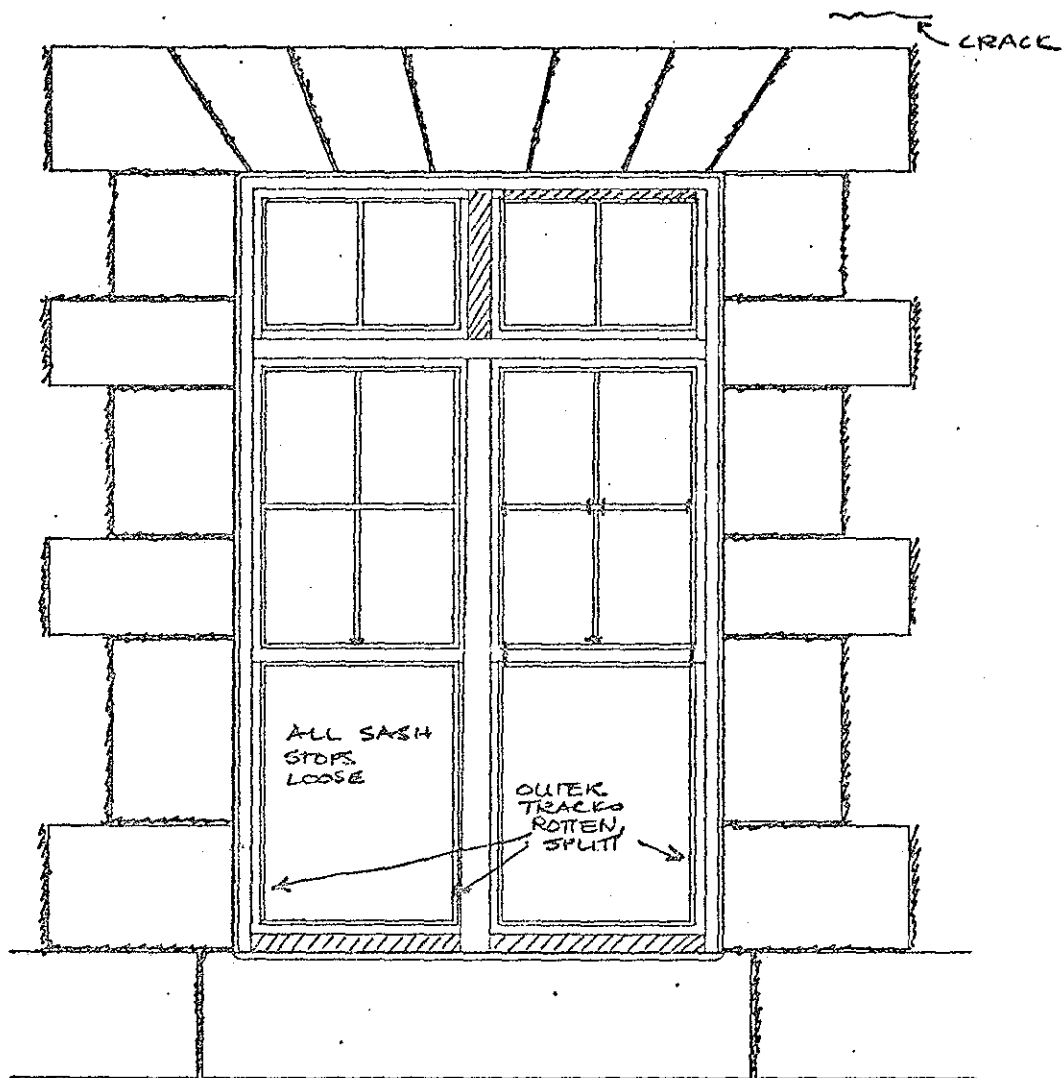
S, THIRD FLOOR, EXTERIOR ELEVATIONS (2/8)	NUMBER N 305	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EISENKRANTZ GROUP 19 West 46th Street, New York NY 10036	



INTERIOR: - ALL MLDGS FRAMING OPENINGS BUCKLED
 - TRANSOM ROTTED

SCREENS REMOVED

S, THIRD FLOOR, EXTERIOR ELEVATIONS (30)	NUMBER N 323	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EISENGRANTZ GROUP 19 West 44th Street, New York NY 10036	



INTERIOR: ALL MOULDINGS FRAMING OPENINGS
BUCKLED

SCREEN ON LOWER HALF OF LEFT WINDOW ONLY -
POOR CONDITION

S, THIRD FLOOR, EXTERIOR ELEVATIONS (38)	NUMBER N 324	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EISENBERG GROUP 19 West 44th Street, New York NY 10036	

BOTTOM
STONE OUT 1/2"

MOULD SPLIT AT
ENDS, WARPED.

SURROUND
HAS BOWED
OUT

TRACKS &
PARTING
STOPS ROTTED

INTERIOR: ALL FRAMING ROTTED

NO GRILL

S THIRD FLOOR, EXTERIOR ELEVATIONS

106

NUMBER
N 325

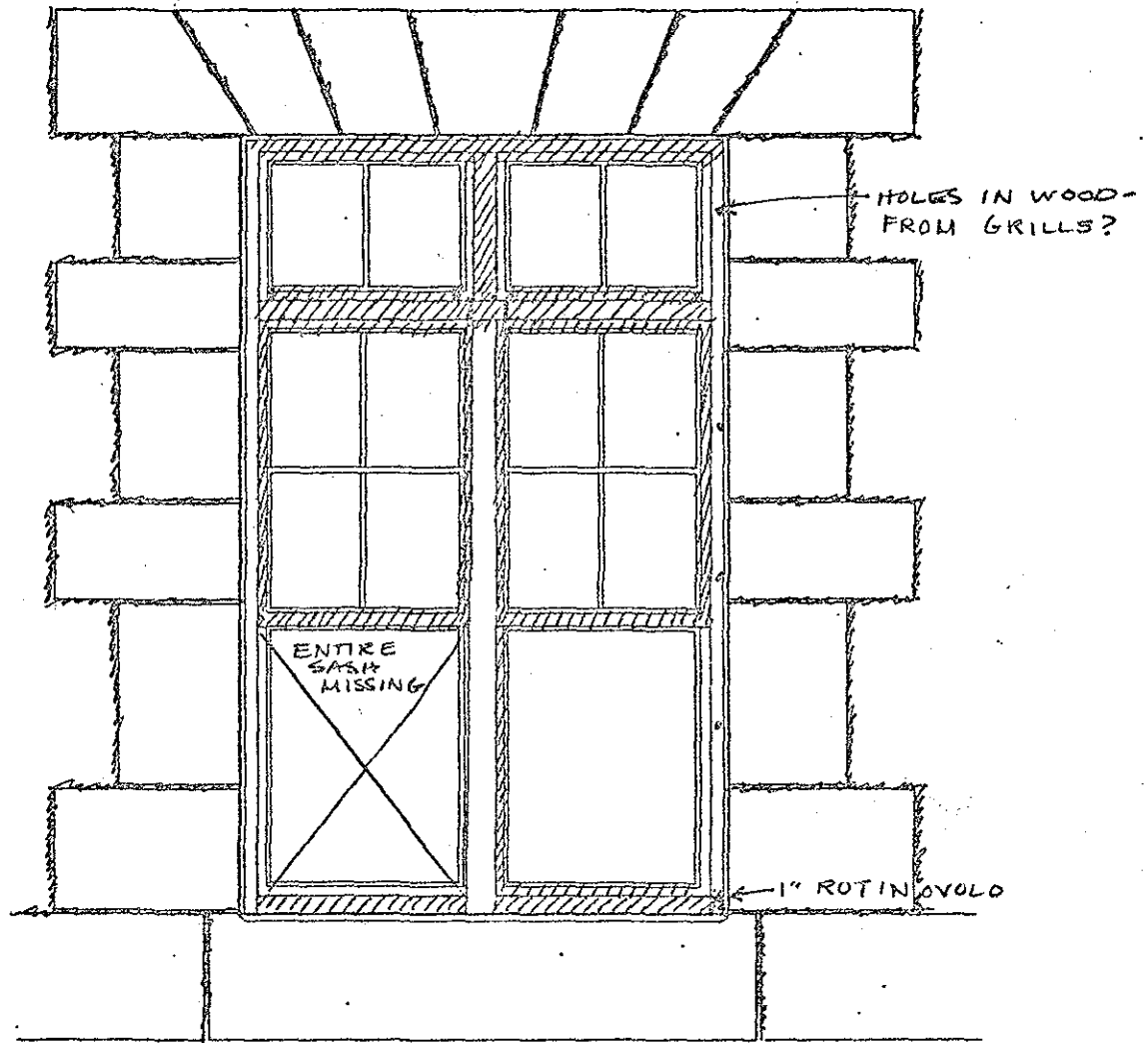
CLASS
3

MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
THE EHRENFRANZ GROUP

Statue of Liberty National Monument, New York

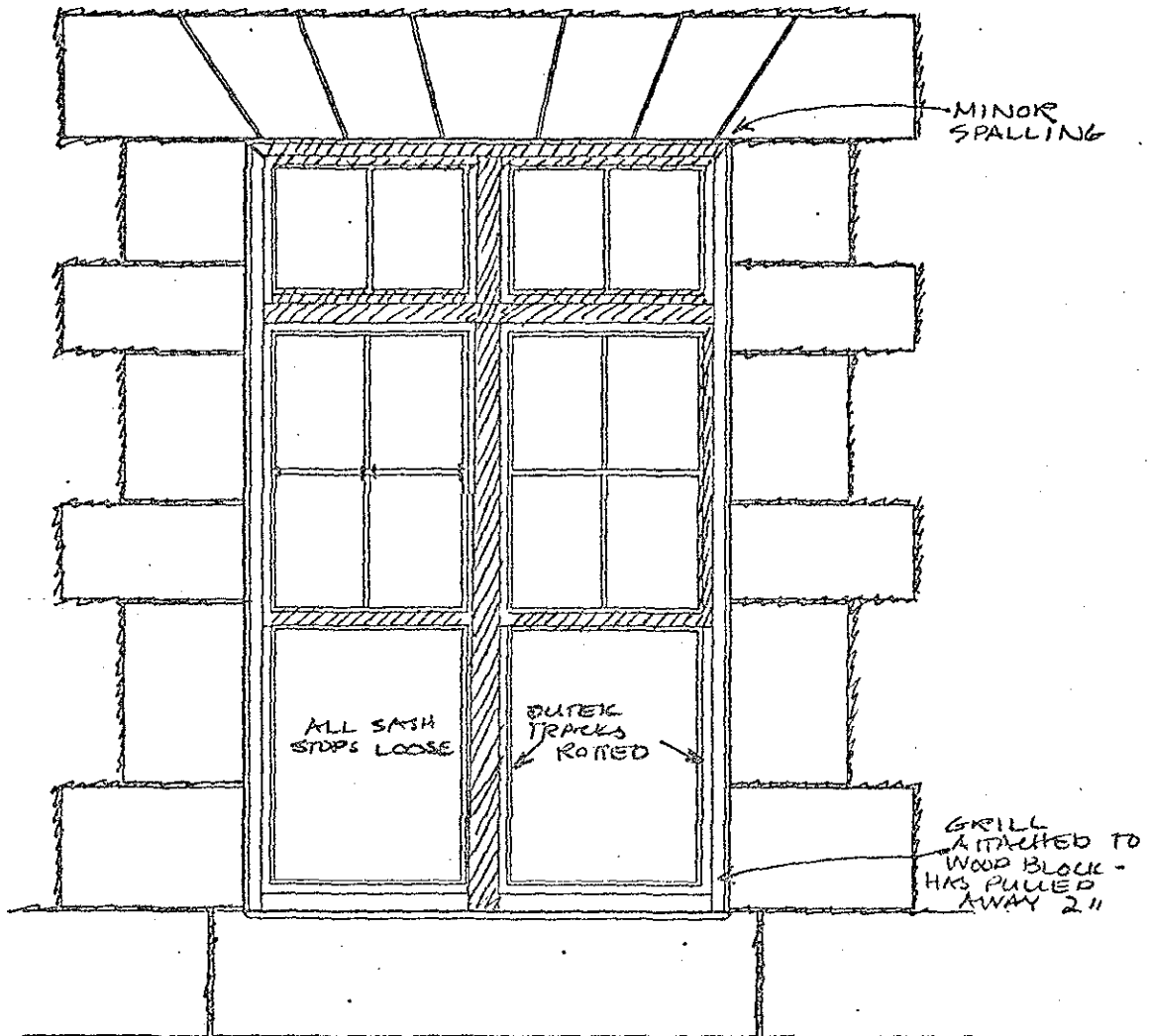
19 West 44th Street, New York NY 10036



- INTERIOR :
- HEAD RATED
 - ALL FRAMING MEMBERS RATED
 - MLDGS FRAMING OPENINGS RATED
 - TRANSOM RATED.

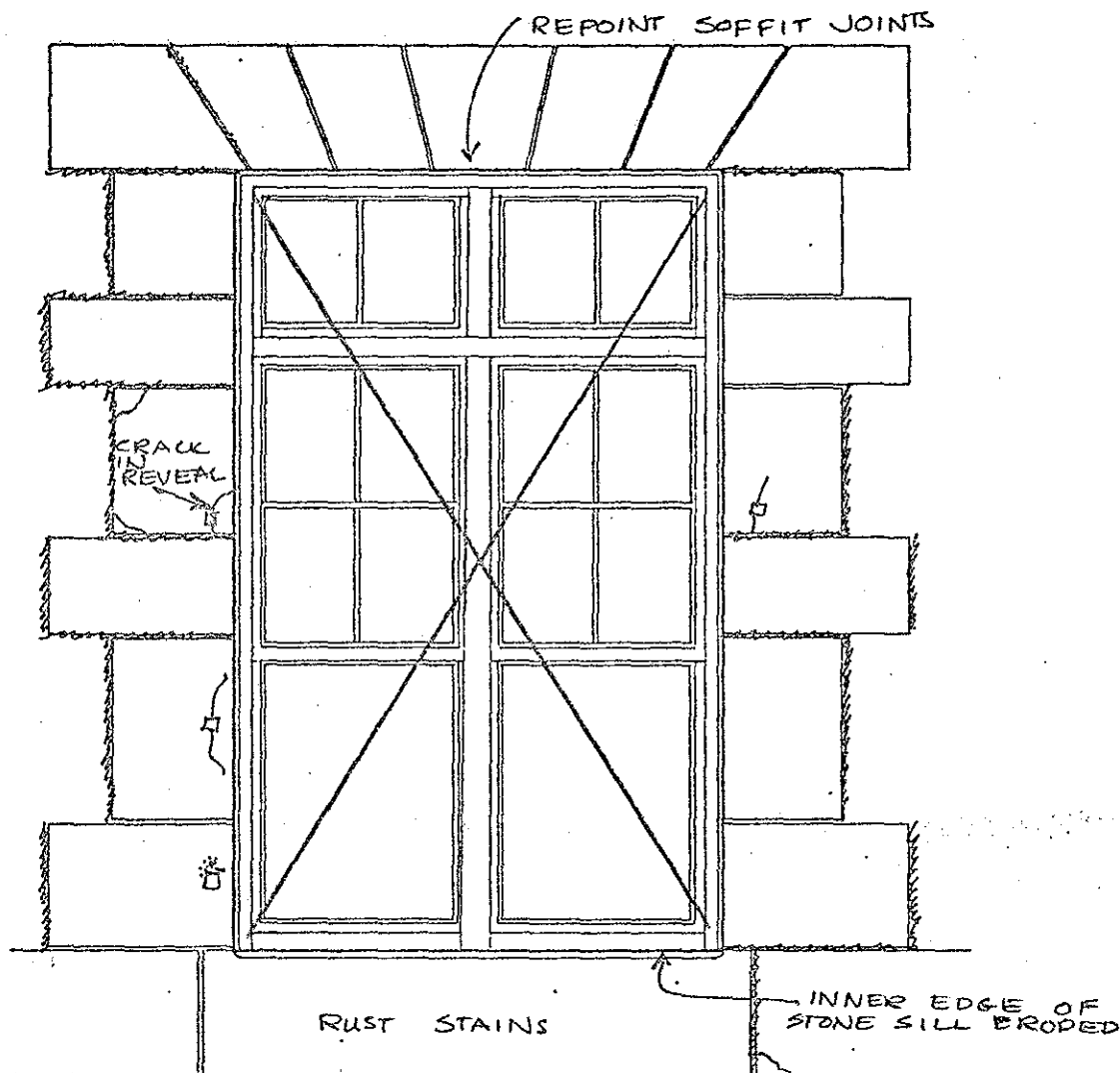
SCREEN ON RIGHT WINDOW ONLY - POOR CONDITION
 GRILL REMOVED

S, THIRD FLOOR, EXTERIOR ELEVATIONS (30)	NUMBER N 326	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE HERSHKOWITZ GROUP 19 West 44th Street, New York NY 10036	



GRILL IN PLACE - GOOD CONDITION

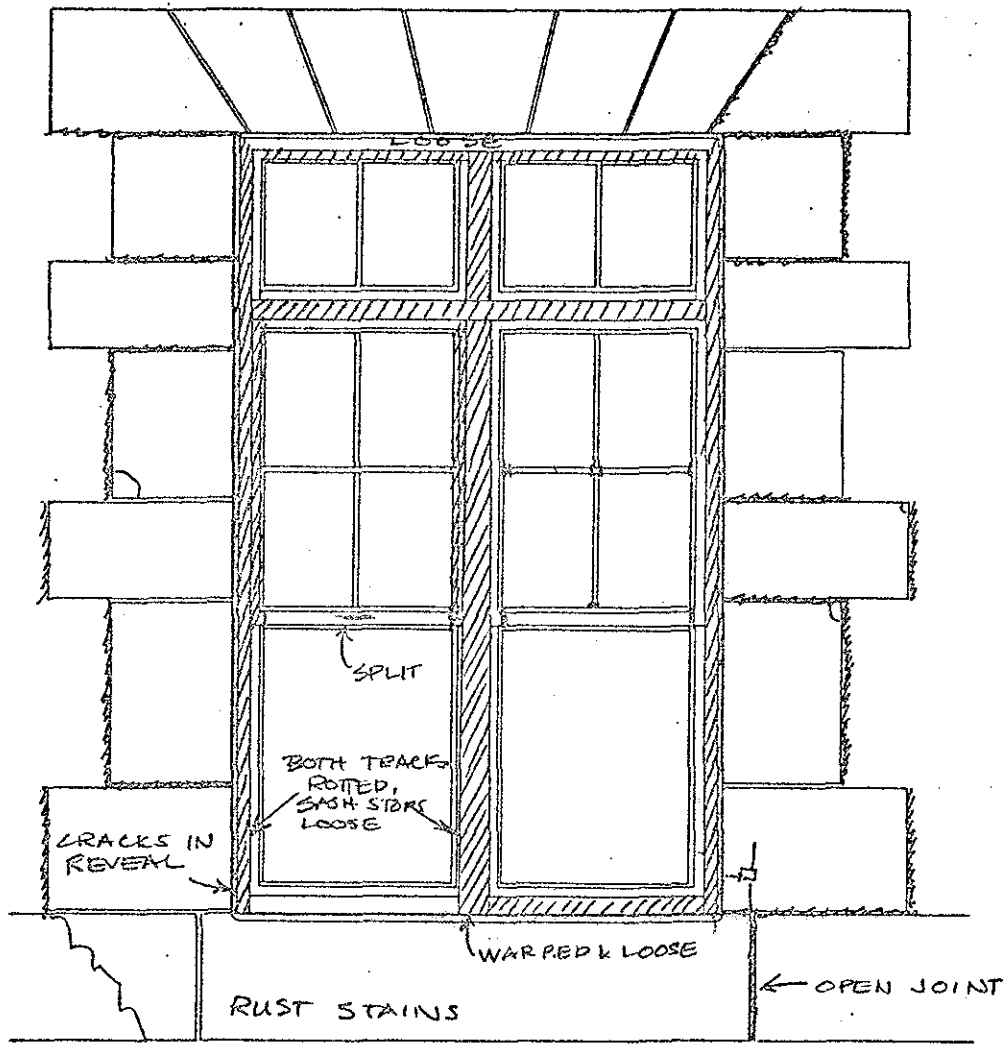
S, THIRD FLOOR, EXTERIOR ELEVATIONS (38)	NUMBER N327	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE BERENSON GROUP 19 West 44th Street, New York NY 10036	



ENTIRE FRAME HAS FALLEN IN

GRILL

S, THIRD FLOOR, EXTERIOR ELEVATIONS (28)	NUMBER E 301	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE DUBENKANTZ GROUP 19 West 44th Street, New York NY 10036	

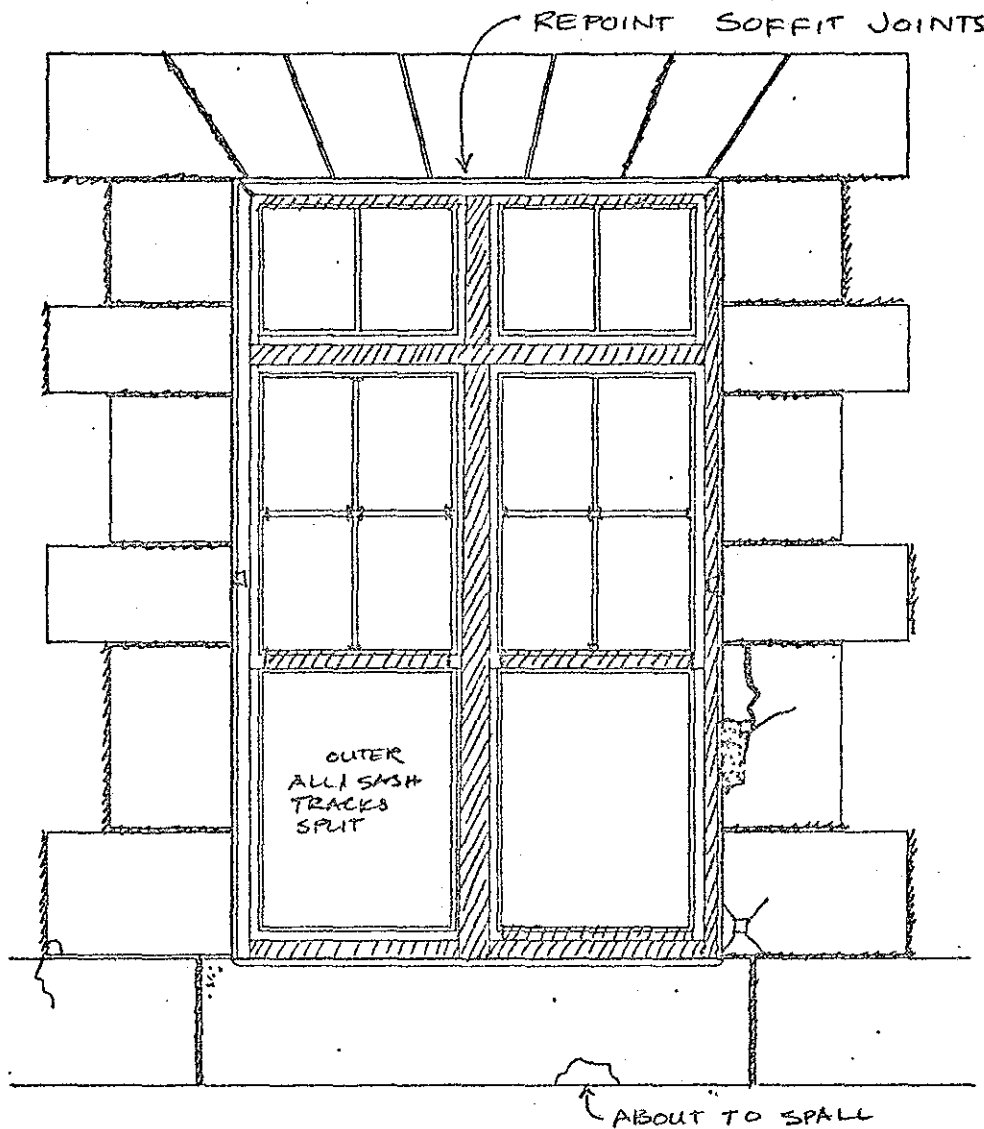


INTERIOR: • REPLACE STOPS ON BOTH WINDOWS

GRILL

SCREENS ON LOWER SASH - POOR CONDITION

S, THIRD FLOOR, EXTERIOR ELEVATIONS (20)	NUMBER E 303	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EHRENKRANTZ GROUP 19 West 44th Street, New York NY 10036	



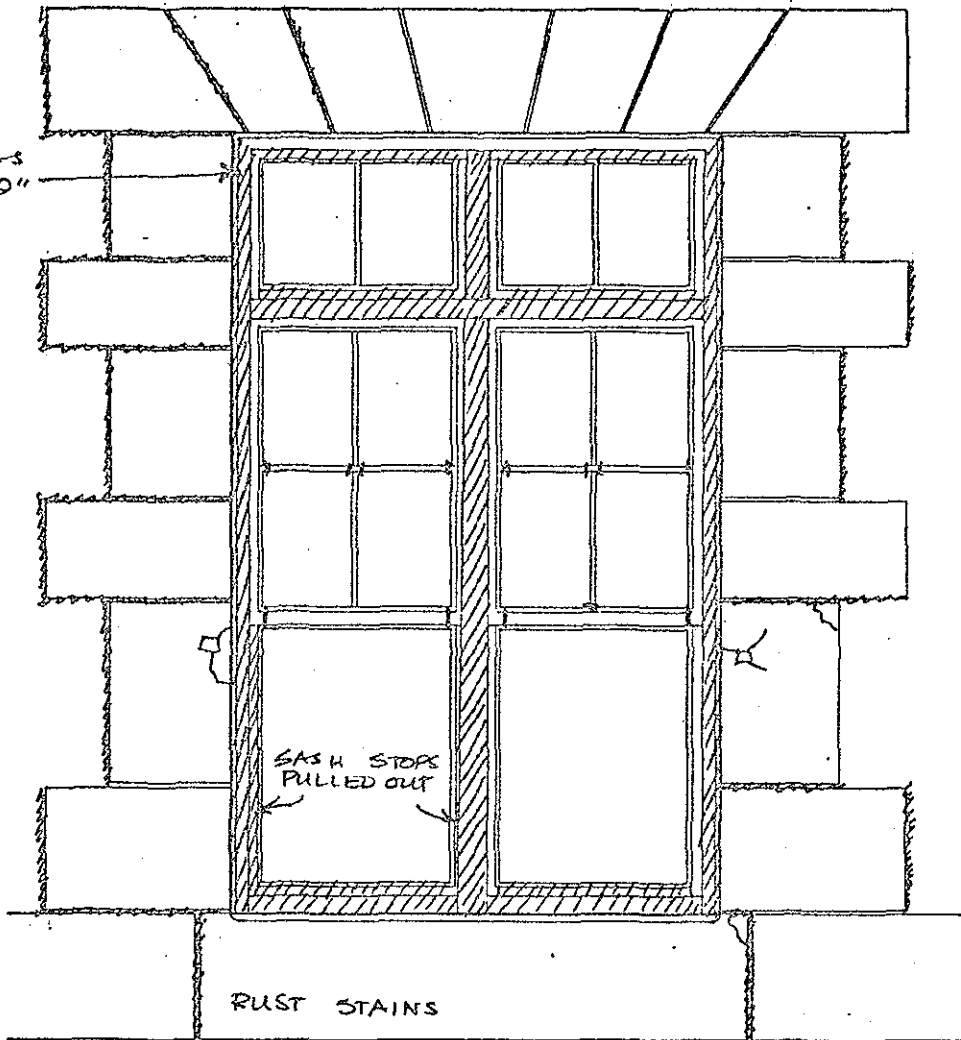
INTERIOR: HEAD WATER STAINED

GRILL

SCREENS ON LOWER SASH - POOR CONDITION

S THIRD FLOOR, EXTERIOR ELEVATIONS (20)	NUMBER E 304	CLASS 2 WOOD
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EIRENGWANTZ GROUP 19 West 44th Street, New York NY 10036	2 STONE

WINDOW HAS
FALLEN IN 2"
AT TOP



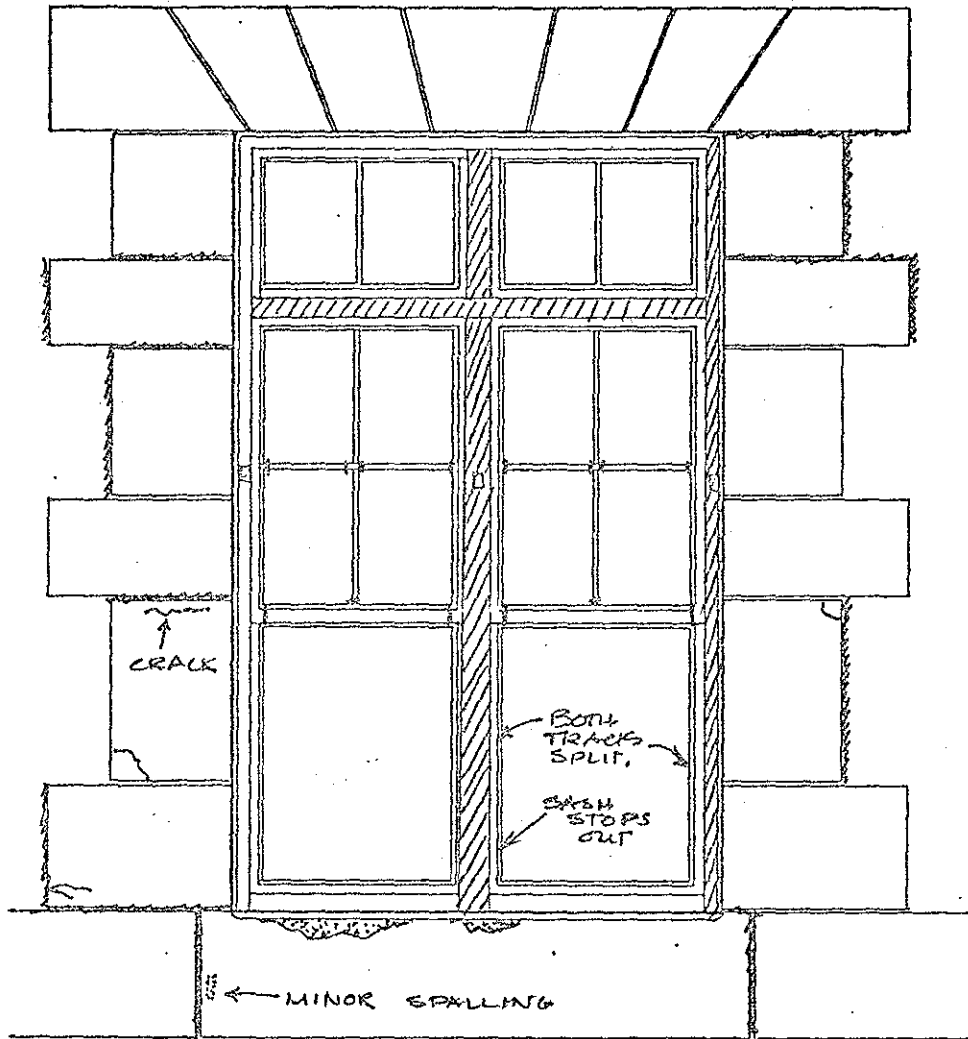
SASH STOP
PULLED OUT

RUST STAINS

INTERIOR: RIGHT (NORTH) APRON ROTED

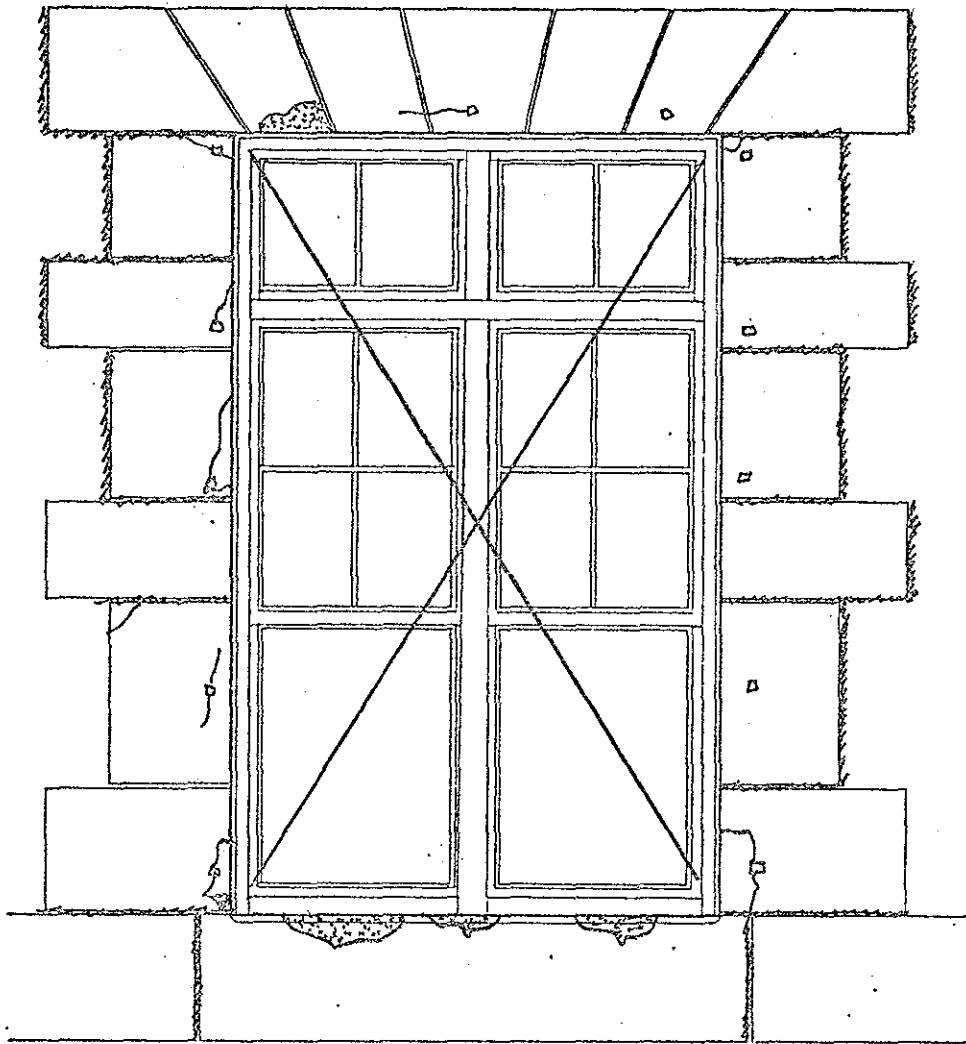
GRILL
SCREENS ON LOWER SASH - POOR CONDITION

S, THIRD FLOOR, EXTERIOR ELEVATIONS (20)	NUMBER E 305	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EISENKRANTZ GROUP 19 West 44th Street, New York NY 10036	



GRILL
NO SCREENS

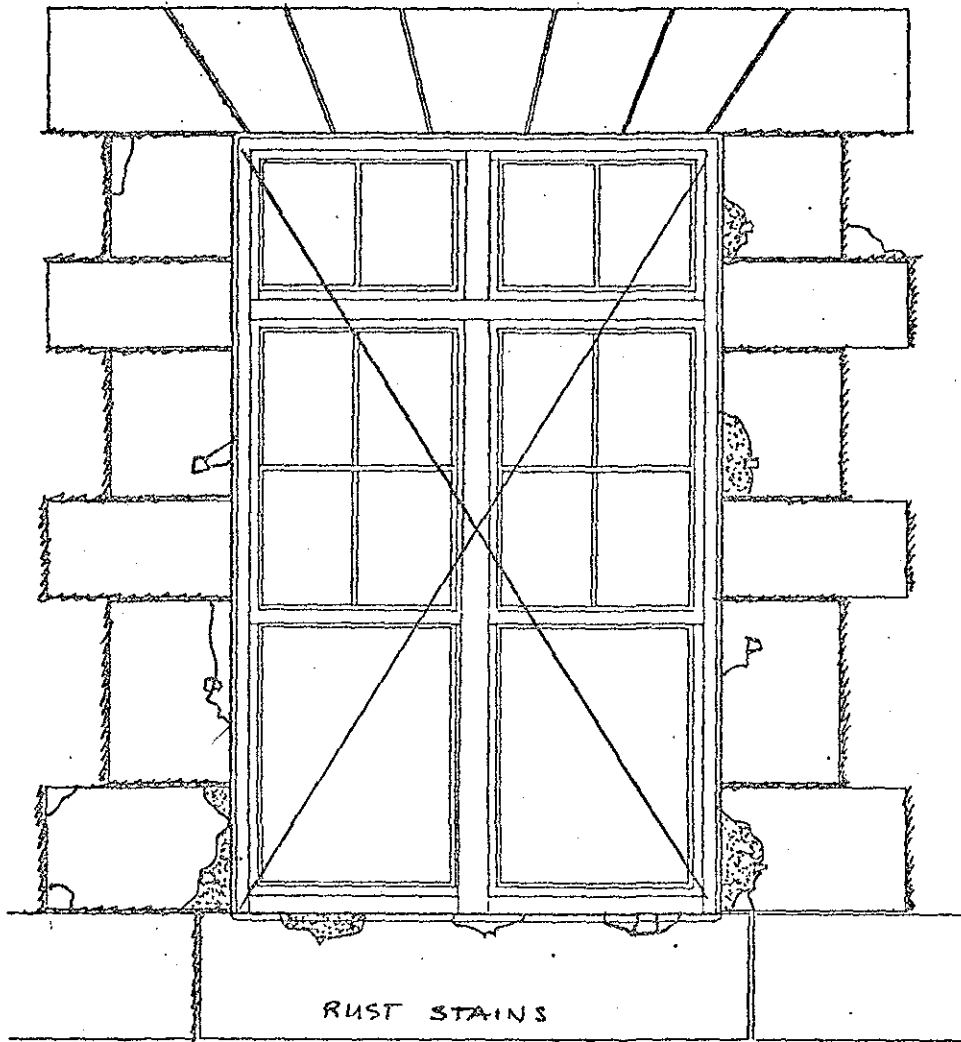
S, THIRD FLOOR, EXTERIOR ELEVATIONS (20)	NUMBER E 306	CLASS 2 wood
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE DIERENGRANTZ GROUP 19 West 44th Street, New York NY 10036	2 stone



WINDOW HAS FALLEN IN

GRILL OFF

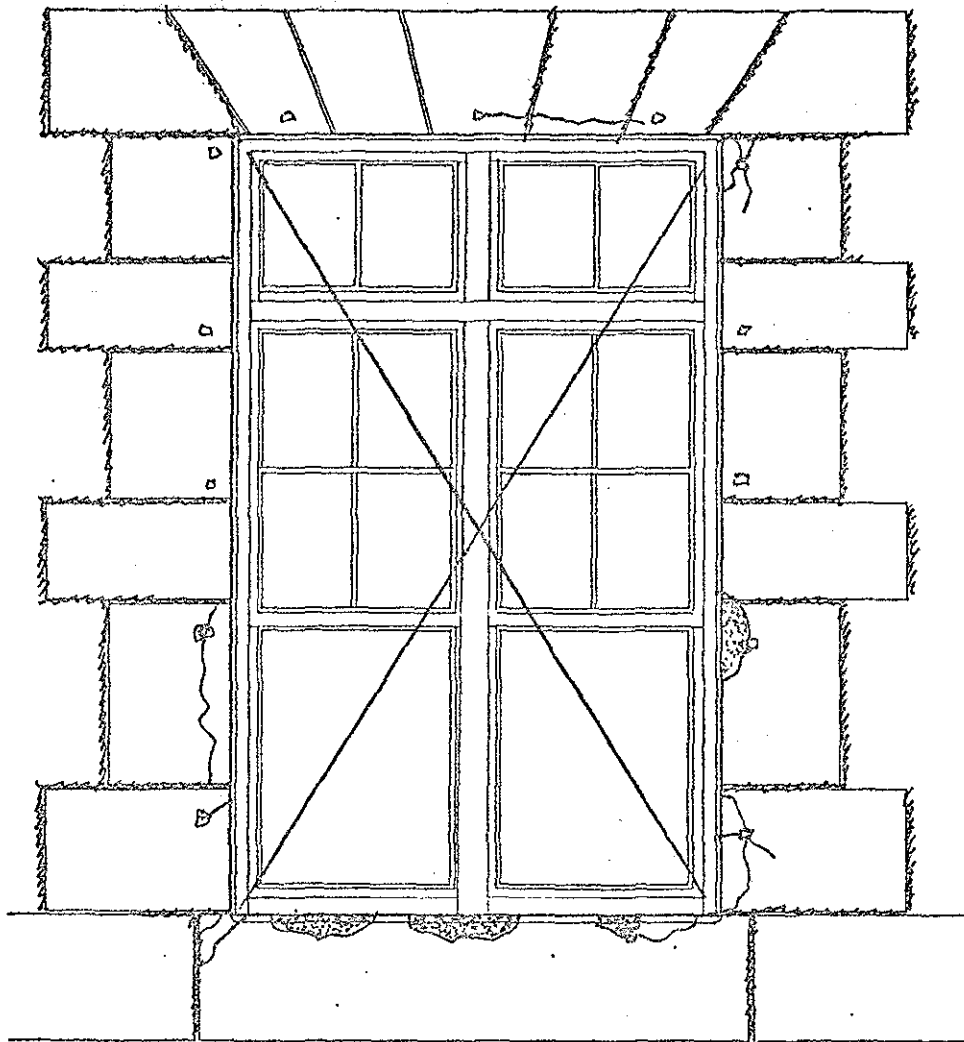
S. THIRD FLOOR, EXTERIOR ELEVATIONS (28)	NUMBER E 307	CLASS 3 wood
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EBENKRANTZ GROUP 19 West 44th Street, New York NY 10036	2 stone



WINDOW HAS FALLEN IN

GRILL IN PLACE

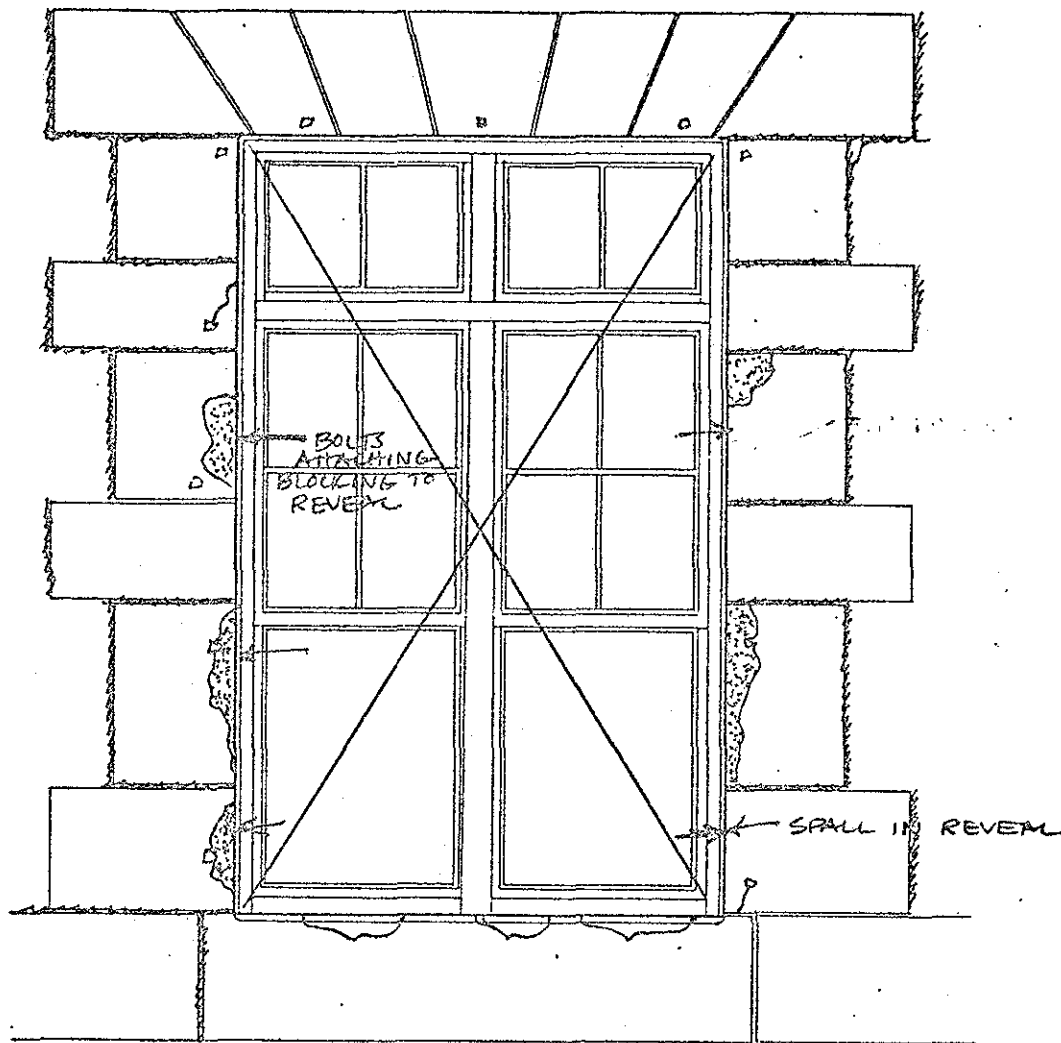
S. THIRD FLOOR, EXTERIOR ELEVATIONS (98)	NUMBER E 308	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EBERGRANTZ GROUP 19 West 44th Street, New York NY 10036	2 stone



WINDOW HAS FALLEN IN

GRILL REMOVED

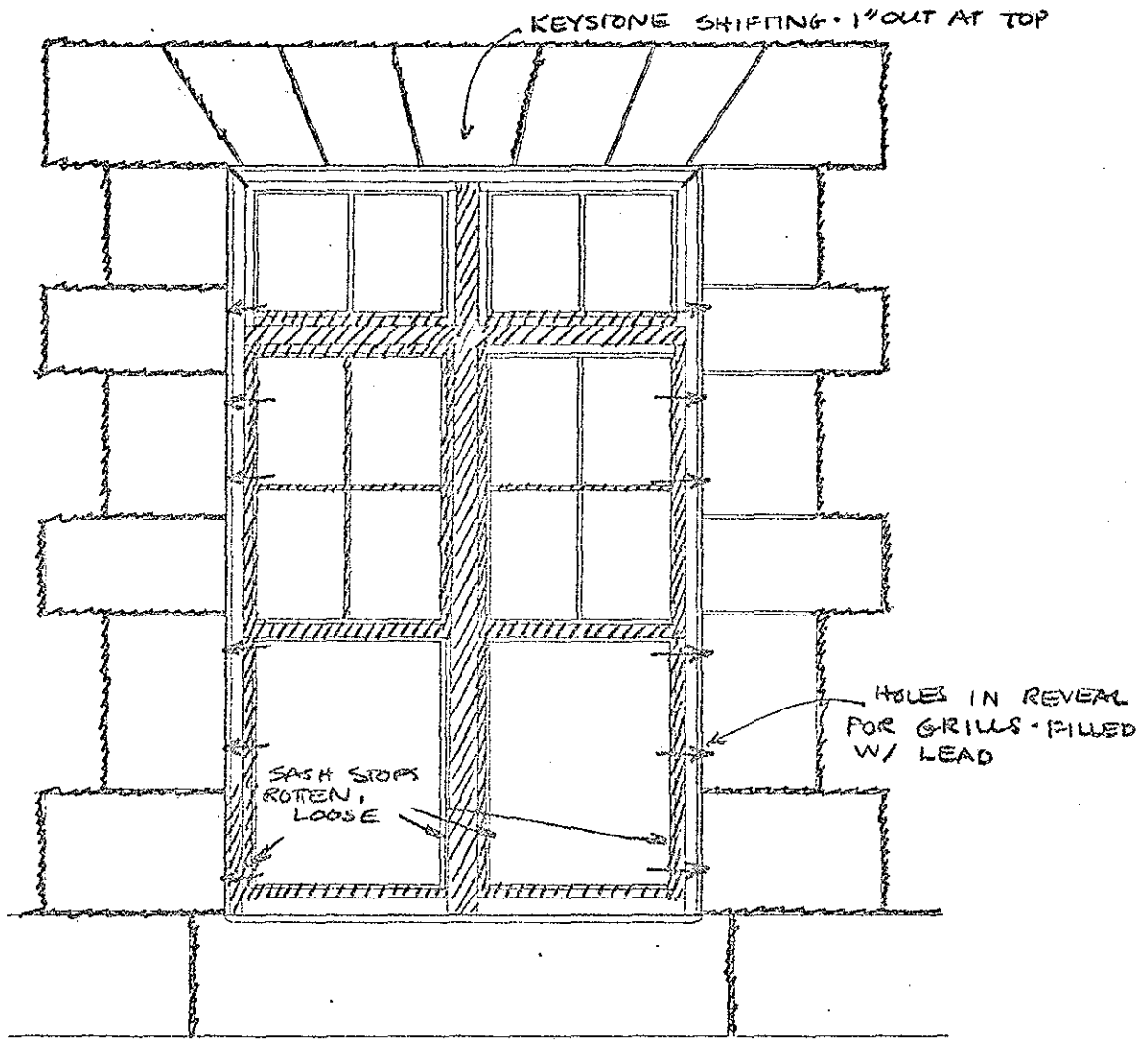
S, THIRD FLOOR, EXTERIOR ELEMENTS (28)	NUMBER E 307	CLASS 3 wood
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EBERHARTZ GROUP 19 West 44th Street, New York NY 10036	2 stone



WINDOW HAS FALLEN IN

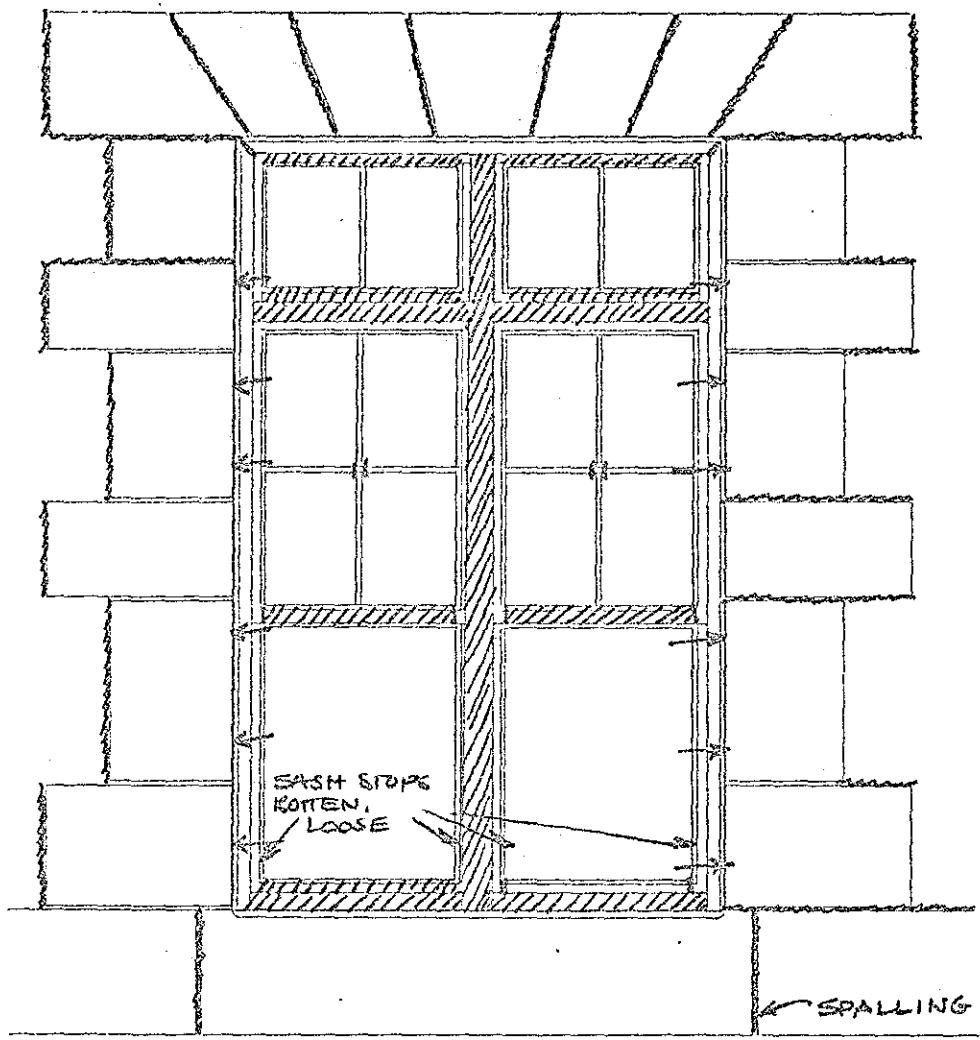
GRILL REMOVED

S THIRD FLOOR, EXTERIOR ELEVATIONS (20)	NUMBER E 310	CLASS 3 wood
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EHRENGRANTZ GROUP 19 West 44th Street, New York NY 10036	CLASS 2 stone



SCREENS REMOVED
GRILL REMOVED

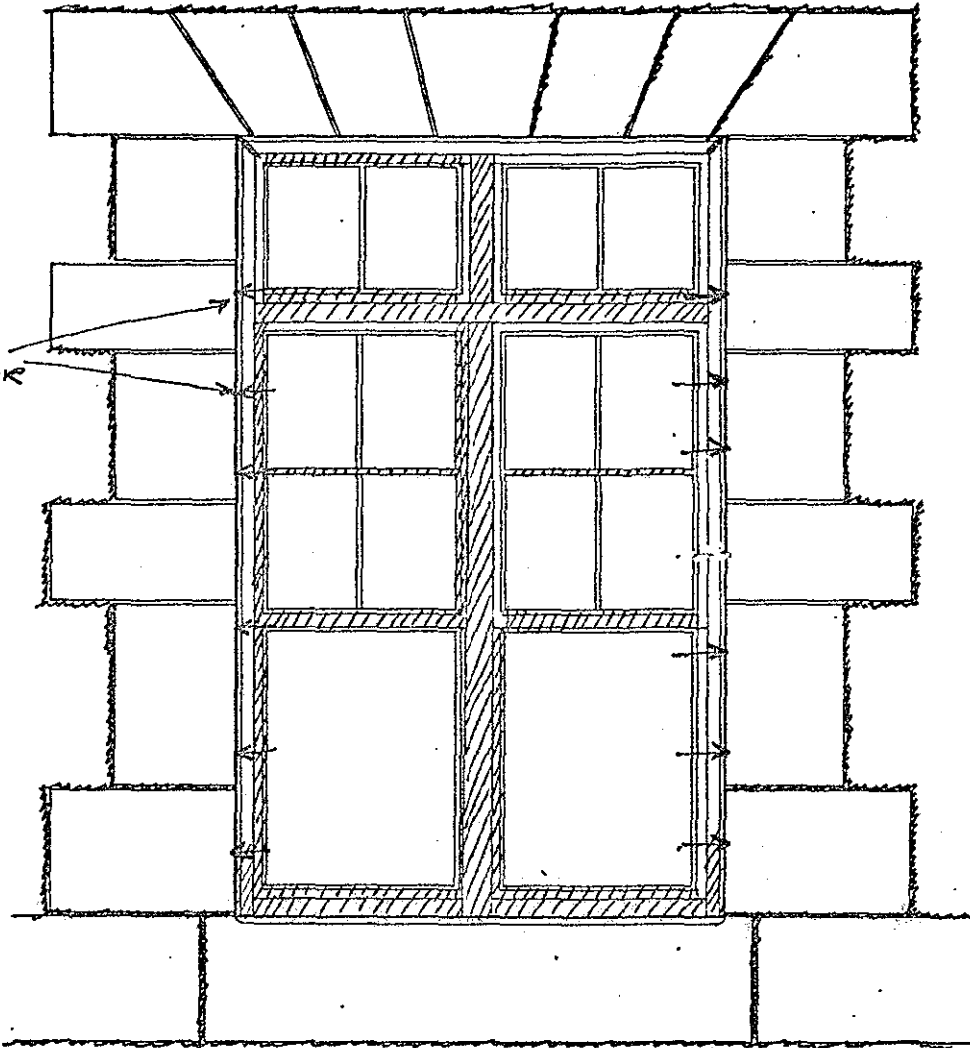
S 301 3.002, EXTERIOR ELEVATIONS (38)	NUMBER S 301	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EHRENKRANTZ GROUP 19 West 44th Street, New York NY 10036	



GRILL REMOVED
 SCREENS REMOVED

S TRAC FLOOR INTERIOR ELEVATIONS (108)	NUMBER S 302	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EFFENRANTZ GROUP 19 West 44th Street, New York NY 10036	

HOLES IN
REVEAL FOR
GRILL

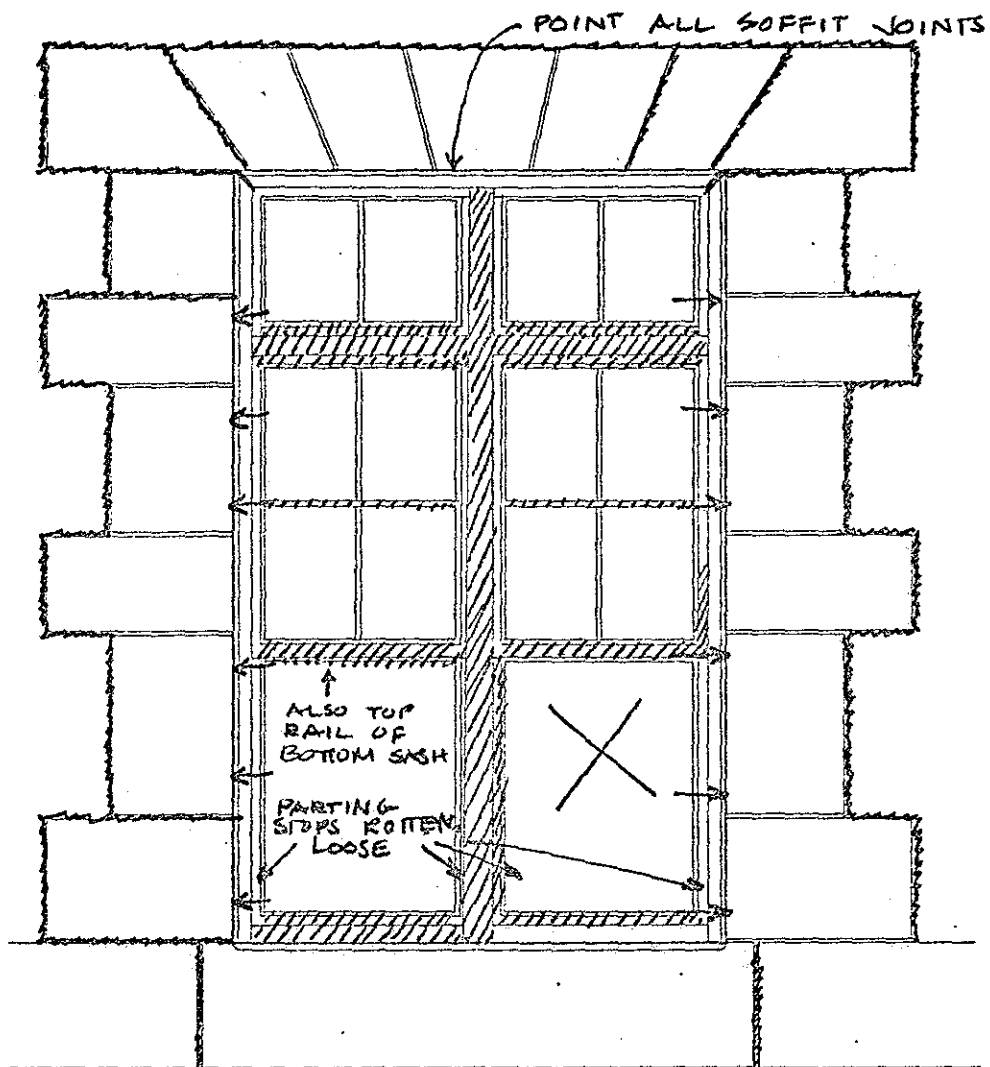


ALL SASH GUIDES & STOPS ROTTEN, LOOSE, MISSING

GRILL REMOVED

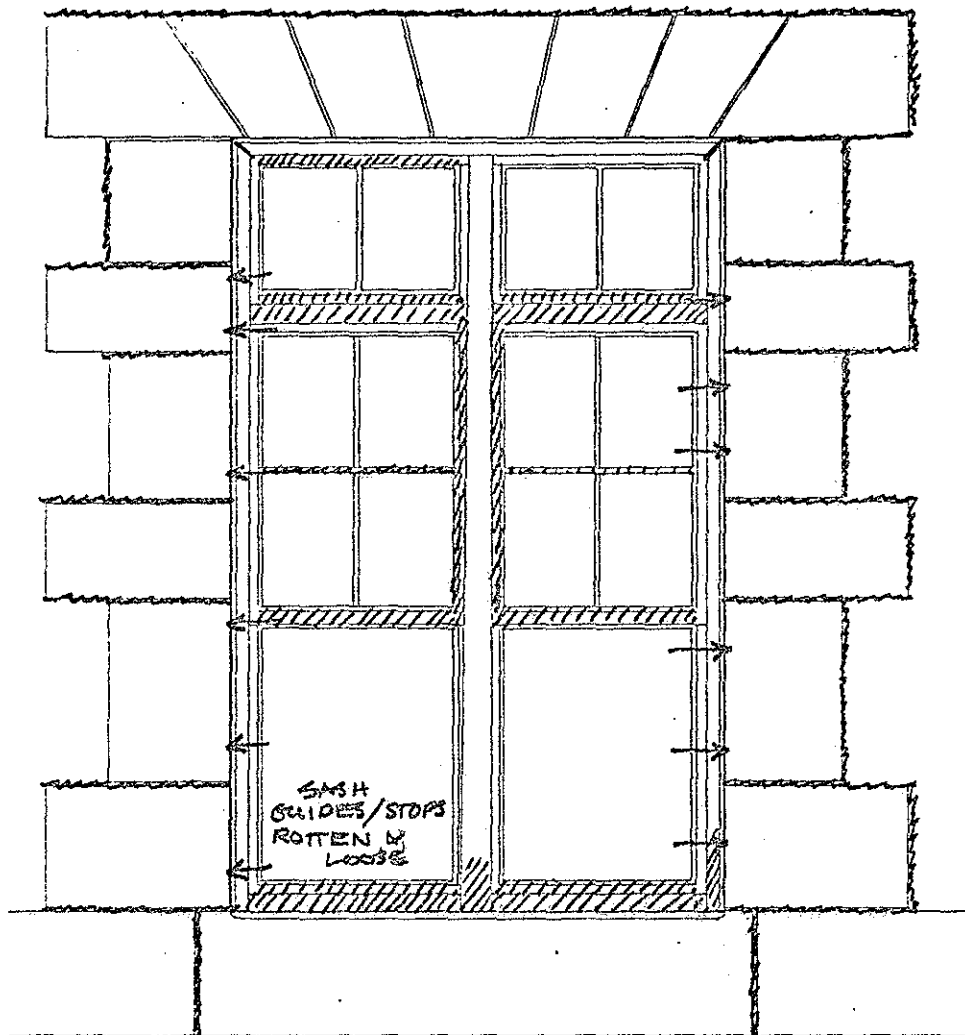
METAL GUIDES PRESENT, BUT NO SCREENS

<p>S THIRD FLOOR, EXTERIOR ELEVATORS (28)</p>	<p>NUMBER S 303</p>	<p>CLASS 2</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York</p>	<p>BUILDING CONSERVATION TECHNOLOGY THE EBERHARTZ GROUP 19 West 44th Street, New York NY 10036</p>	



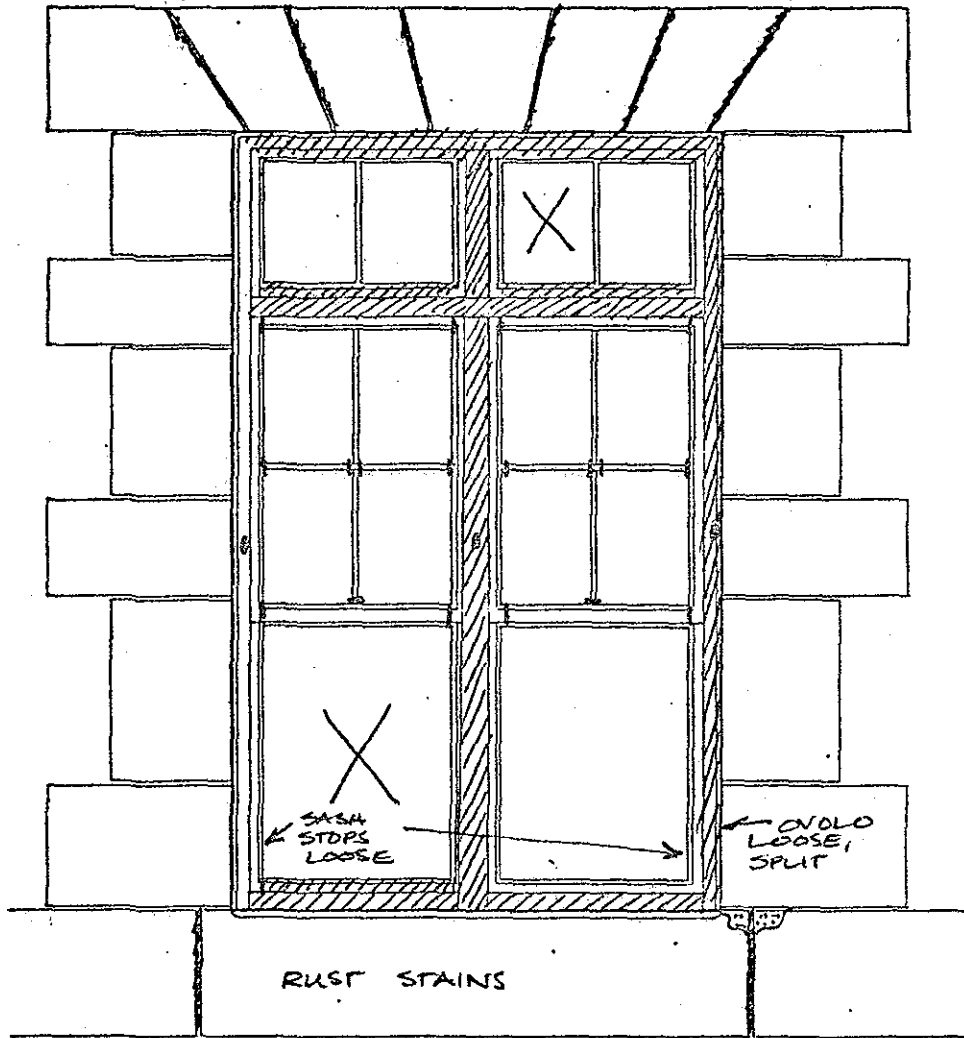
SCREENS REMOVED
GRILL REMOVED

5 THIRD FLOOR INTERIOR ELEVATIONS (88)	NUMBER 5304	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EHRENGANTZ GROUP 19 West 44th Street, New York NY 10036	



SCREENS REMOVED
GRILL REMOVED

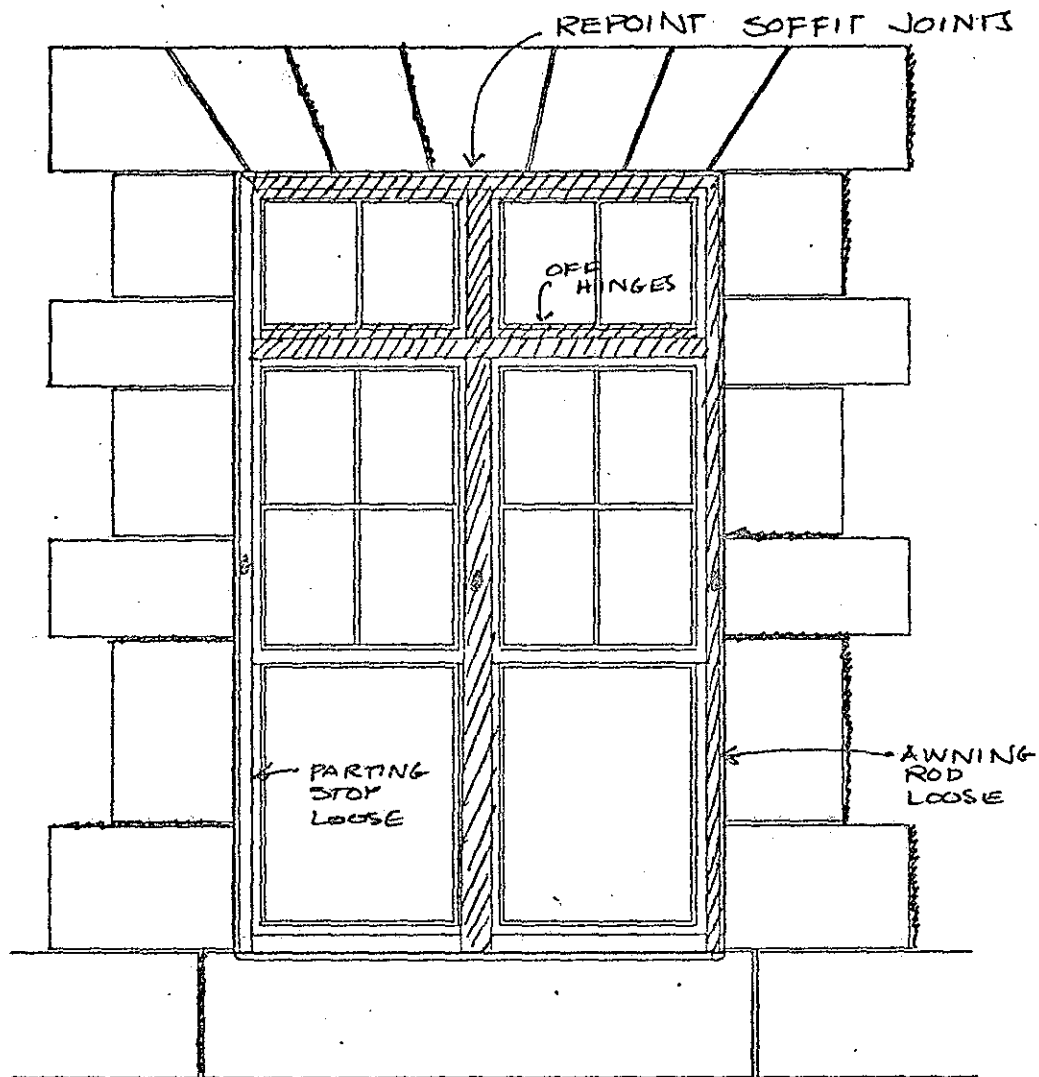
S THREE 6.00 2 PANE ELEVATIONS (60)	NUMBER S305	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EPENGRANIZ GROUP 19 West 44th Street, New York NY 10036	



- INTERIOR:
- ALL MOULDINGS LOOSE
 - REPLACE RIGHT (EAST) STOOL
 - REPLACE HEAD
 - REPLACE LEFT (W) JAMB

GRILL
 SCREENS OVER LOWER SASH - POOR CONDITION

S, THIRD FLOOR, EXTERIOR ELEVATIONS (30)	NUMBER S 323	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EISENKRANTZ GROUP 19 West 44th Street, New York NY 10036	



INTERIOR:

- LEFT (WEST) STOOL WARPED
- HEAD MLDGS MISSING, SPLIT, WARPED.
- ENTIRE FRAME HAS BUCKLED WHERE TRANSOM BAR CROSSES DIVIDING JAMB

GRILL

SCREENS ON BOTH WINDOWS - POOR CONDITION

S, THIRD FLOOR, EXTERIOR ELEVATIONS (30)

S 324

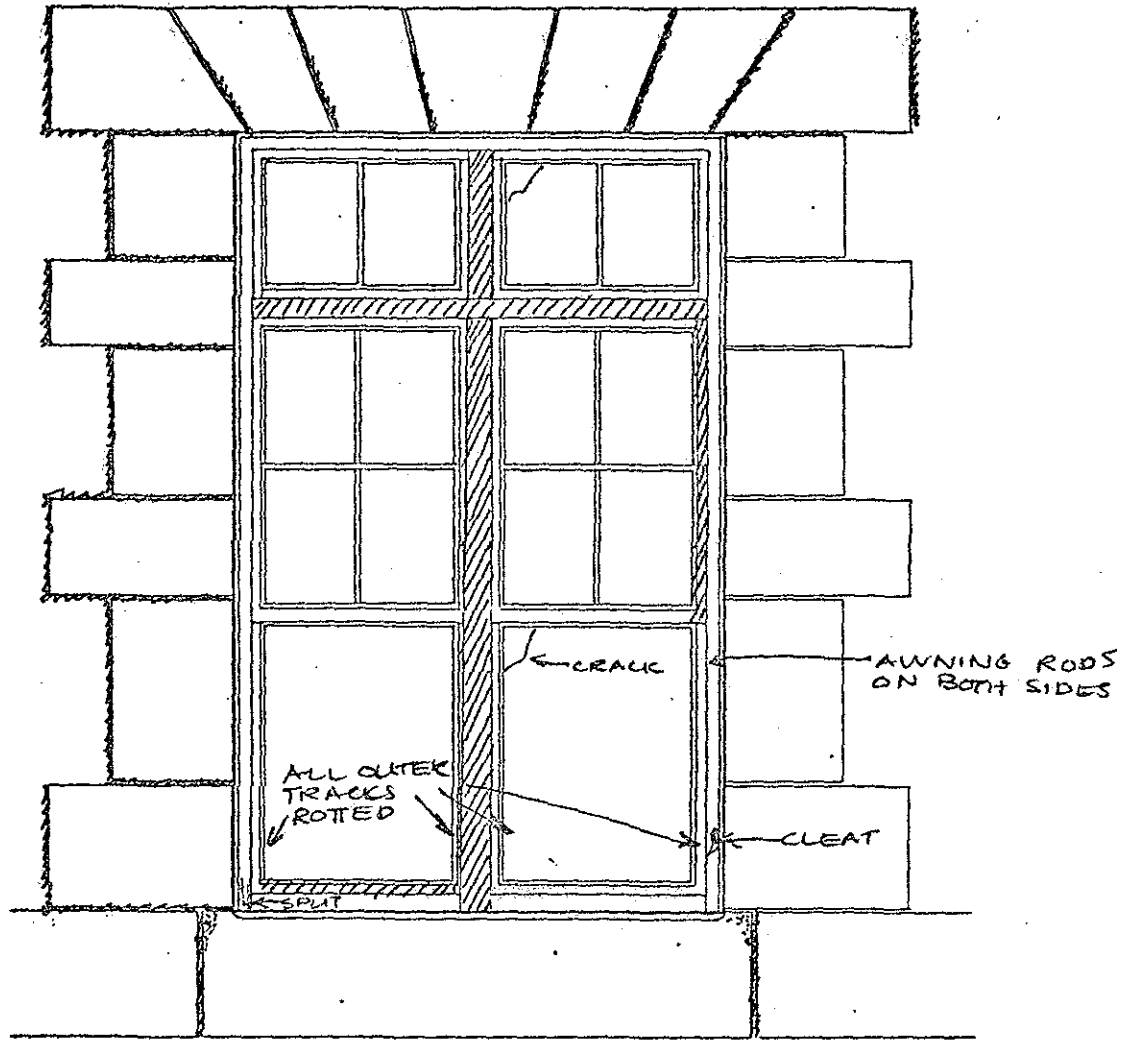
3

MECHANICAL AND ELECTRICAL REHABILITATION
 MAIN BUILDING
 ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
 THE EISENKRANTZ GROUP

Statue of Liberty National Monument, New York

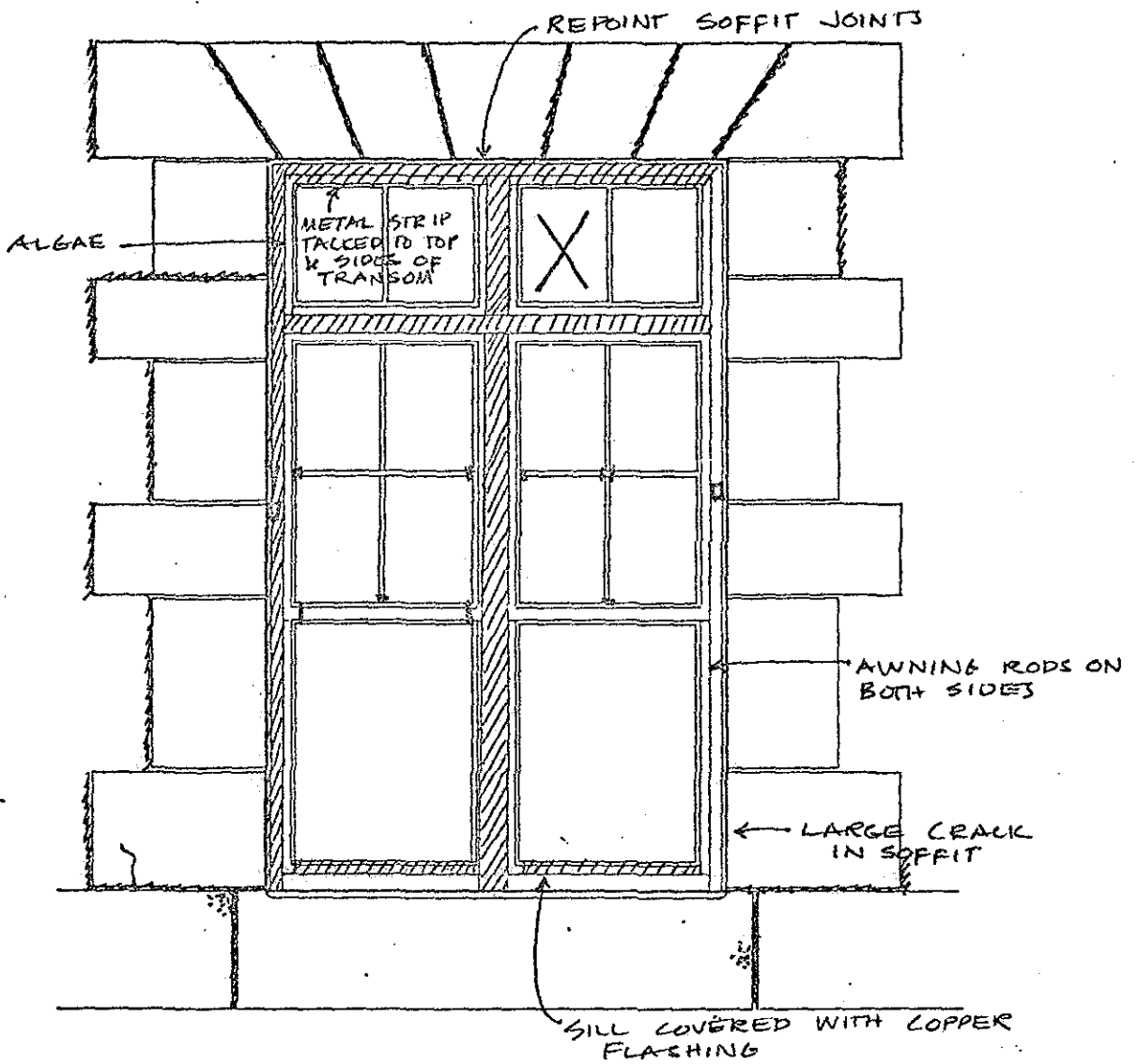
19 West 44th Street, New York NY 10036



INTERIOR: - SASH WEIGHTS BROKEN ON RIGHT (EAST) WINDOW
 - MOULDINGS LOOSE

GRILL
 SCREEN OVER RIGHT (EAST) WINDOW - POOR CONDITION

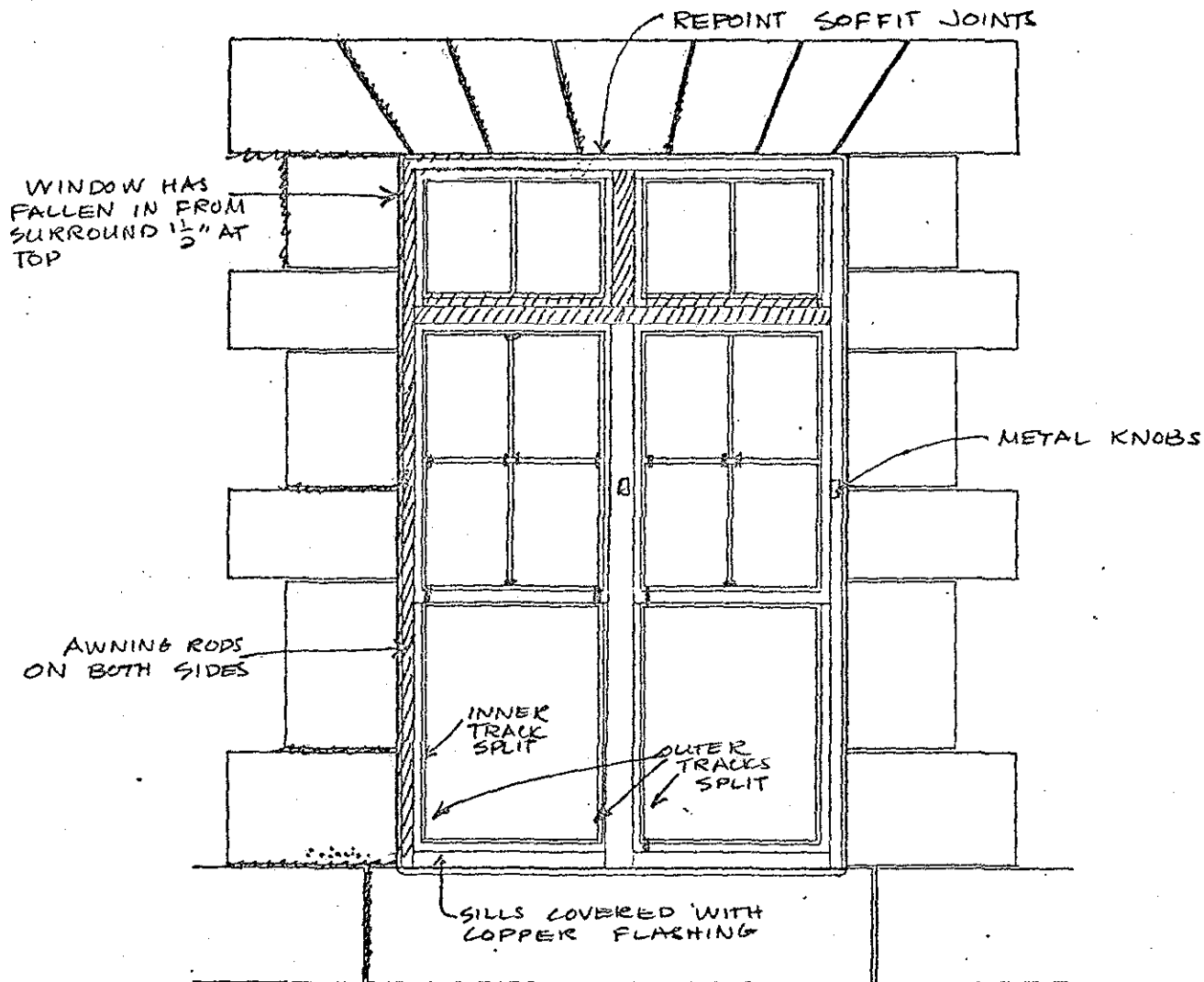
S, THIRD FLOOR, EXTERIOR ELEVATIONS (20)	NUMBER S 325	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE EBERHARTZ GROUP 19 West 44th Street, New York NY 10036	



INTERIOR: • REPLACE STOOLS ON BOTH WINDOWS
 • REPLACE HEAD & TRANSOM

GRILL
 SCREENS OVER LOWER SASH - POOR CONDITION

S, THIRD FLOOR, EXTERIOR ELEVATIONS (30)	NUMBER S 326	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE BERENSON GROUP 19 West 44th Street, New York NY 10036	

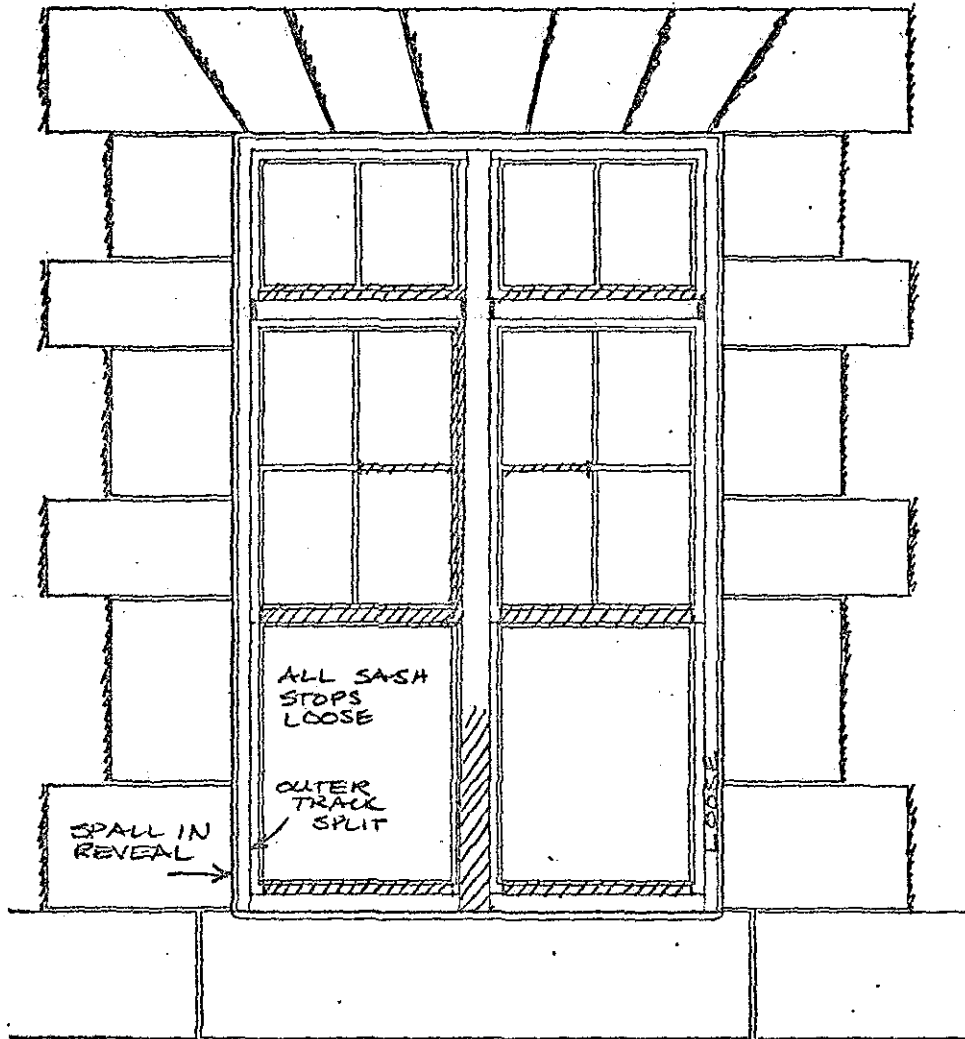


INTERIOR: • REPLACE HEAD & LEFT (WEST) JAMB

GRILL •

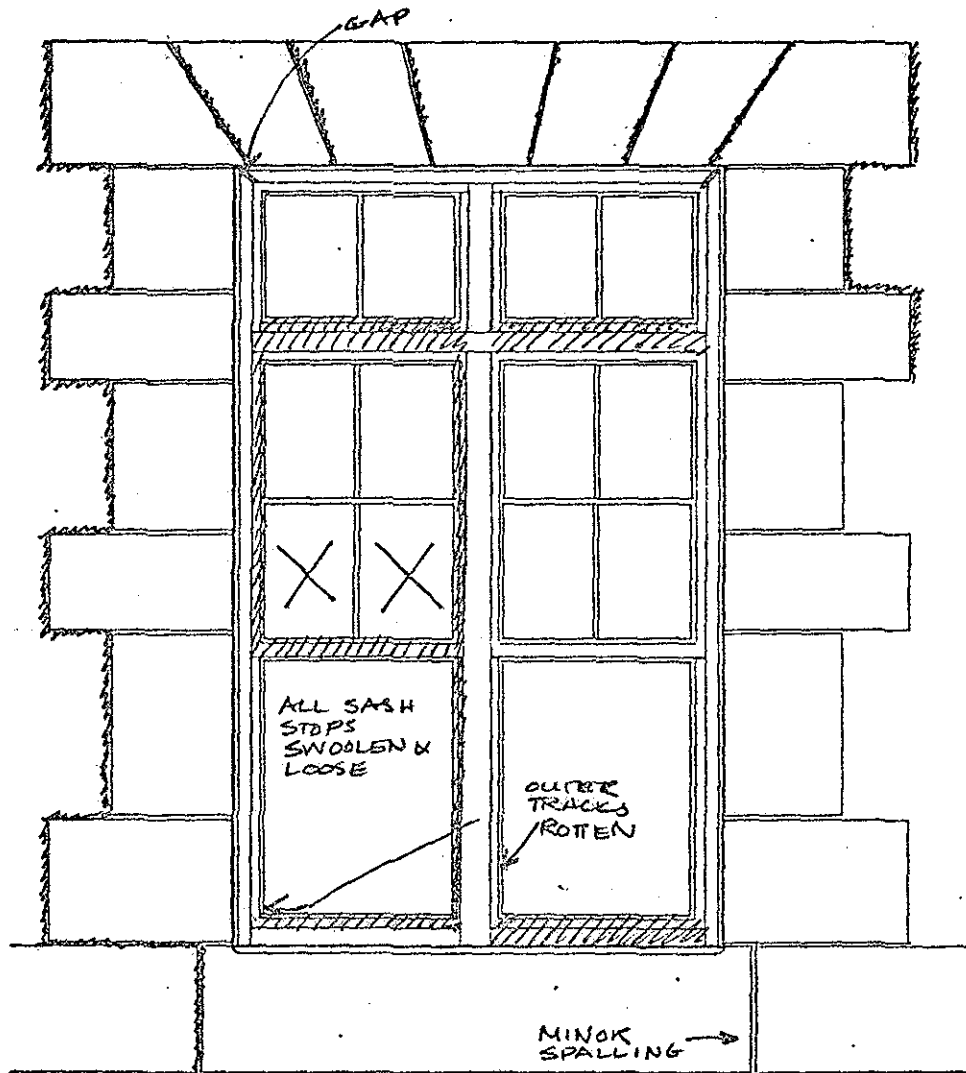
SCREENS ON LOWER HALF OF BOTH WINDOWS - POOR CONDITION

5. THIRD FLOOR, EXTERIOR ELEVATIONS (28)	NUMBER 5327	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EBENKRANTZ GROUP 19 West 44th Street, New York NY 10036	



NO GRILL

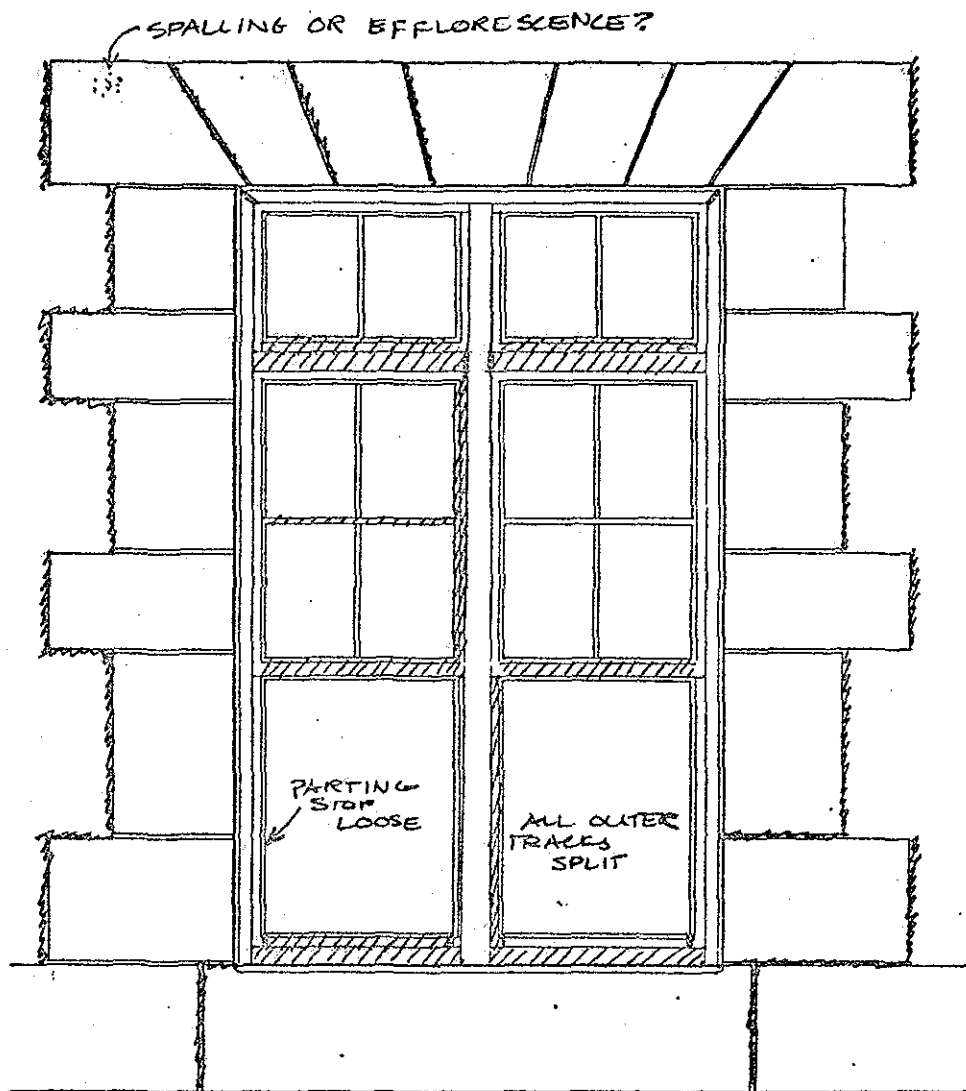
S, THIRD FLOOR, EXTERIOR ELEVATIONS (30)	NUMBER W 301	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EPENGRANTZ GROUP 19 West 44th Street, New York NY 10036	



INTERIOR: TRANSOM BUCKLED

NO GRILL

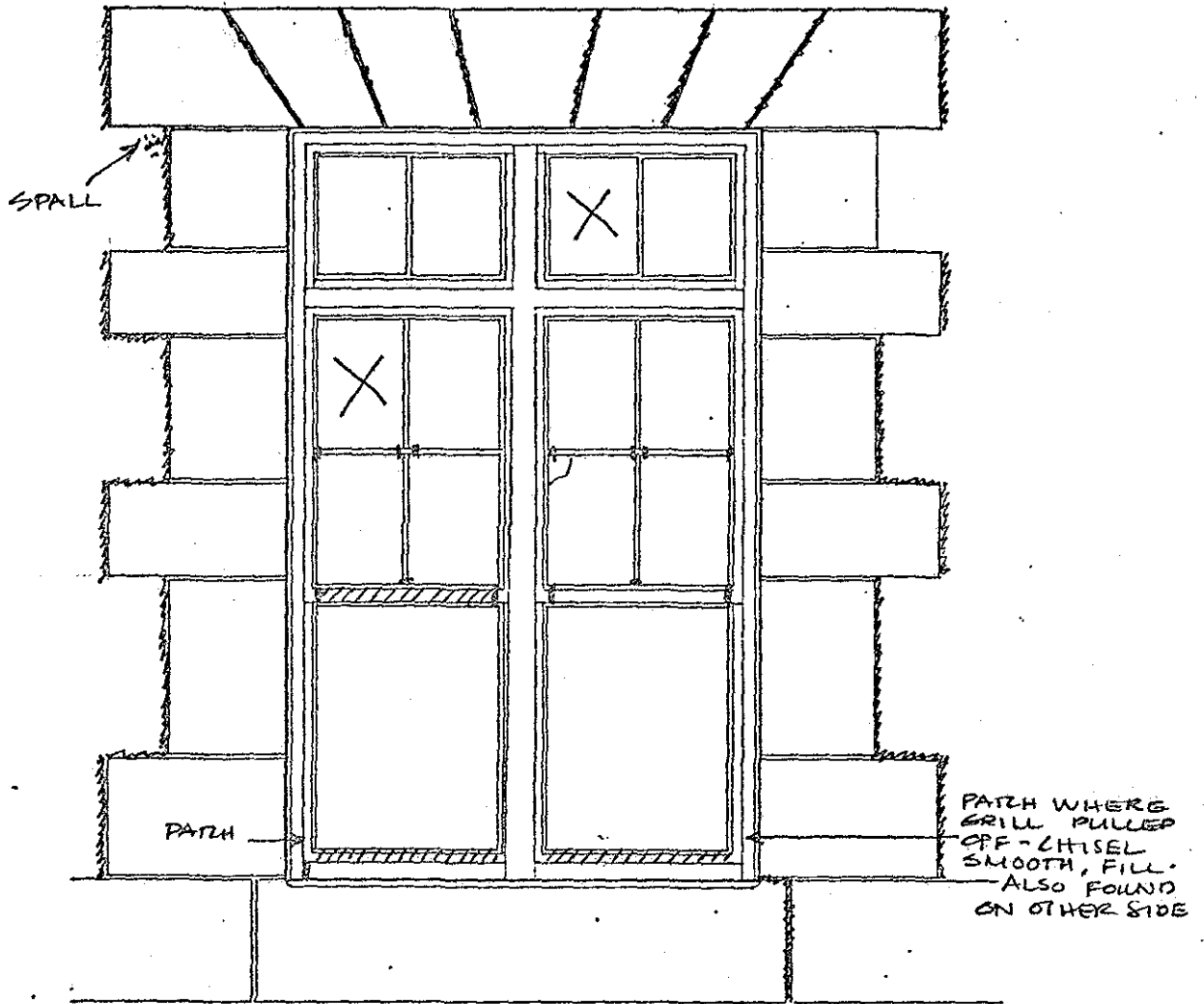
S. THIRD FLOOR, EXTERIOR ELEVATIONS (30)	NUMBER W 302	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EISENKRANTZ GROUP 19 West 44th Street, New York NY 10036	



INTERIOR: TRANSOM BUCKLED
 SASH TRACK ROTATED, LEFT (NORTH) JAMB

SCREENS REMOVED

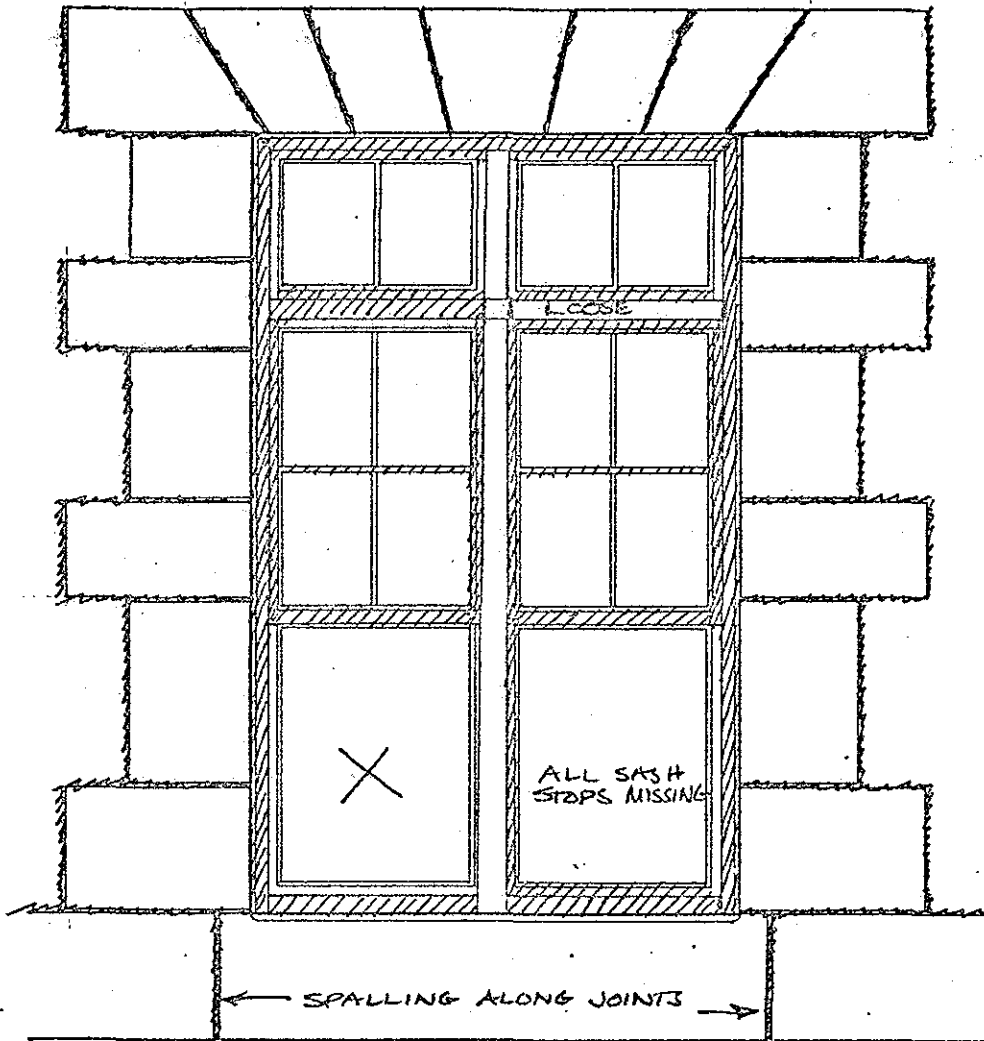
S, THIRD FLOOR, EXTERIOR ELEVATIONS (38)	NUMBER W 303	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE BIRENKANTZ GROUP 19 West 44th Street, New York NY 10036	



INTERIOR HEAD & TRANSOM ROTTED

GRILL REMOVED

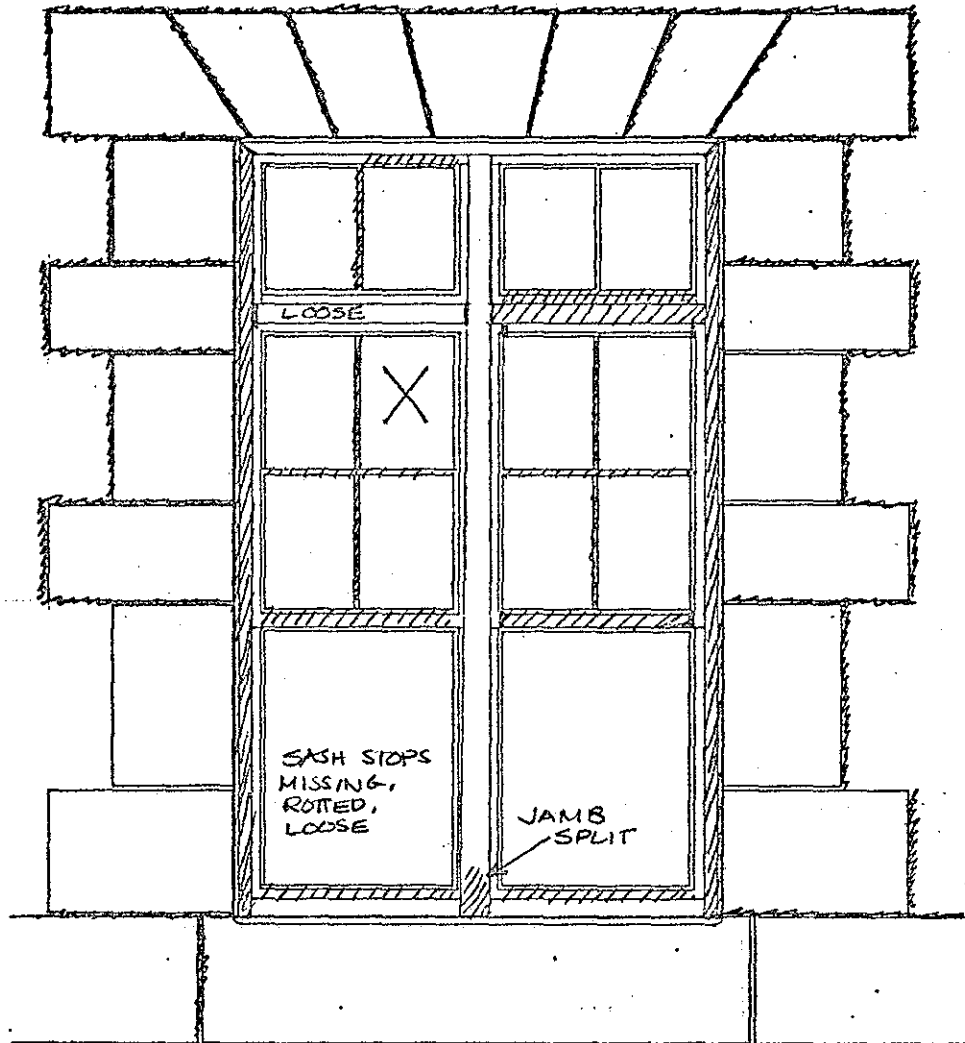
S, THIRD FLOOR, EXTERIOR ELEVATIONS (30)	NUMBER W 304	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EBENGRANTZ GROUP 19 West 44th Street, New York NY 10036	



INTERIOR: GAPS IN HEAD & JAMB FRAMING

NO GRILL

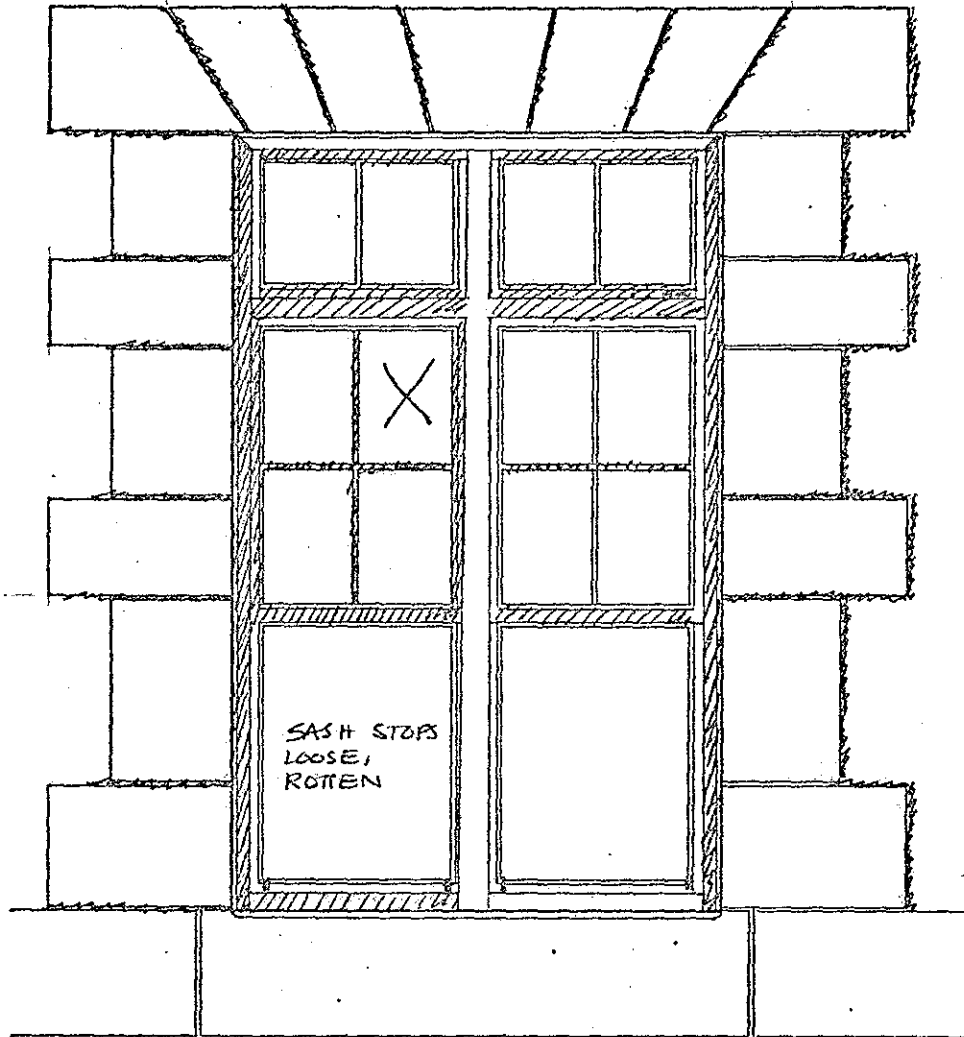
<p>S, THIRD FLOOR, EXTERIOR ELEVATIONS (30)</p>	<p>NUMBER W 305</p>	<p>CLASS 3</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York</p>	<p>BUILDING CONSERVATION TECHNOLOGY THE EBRENGRANTZ GROUP 19 West 44th Street, New York NY 10036</p>	



INTERIOR: GAPS IN HEAD & JAMB FRAMING

NO GRILL
SCREENS REMOVED

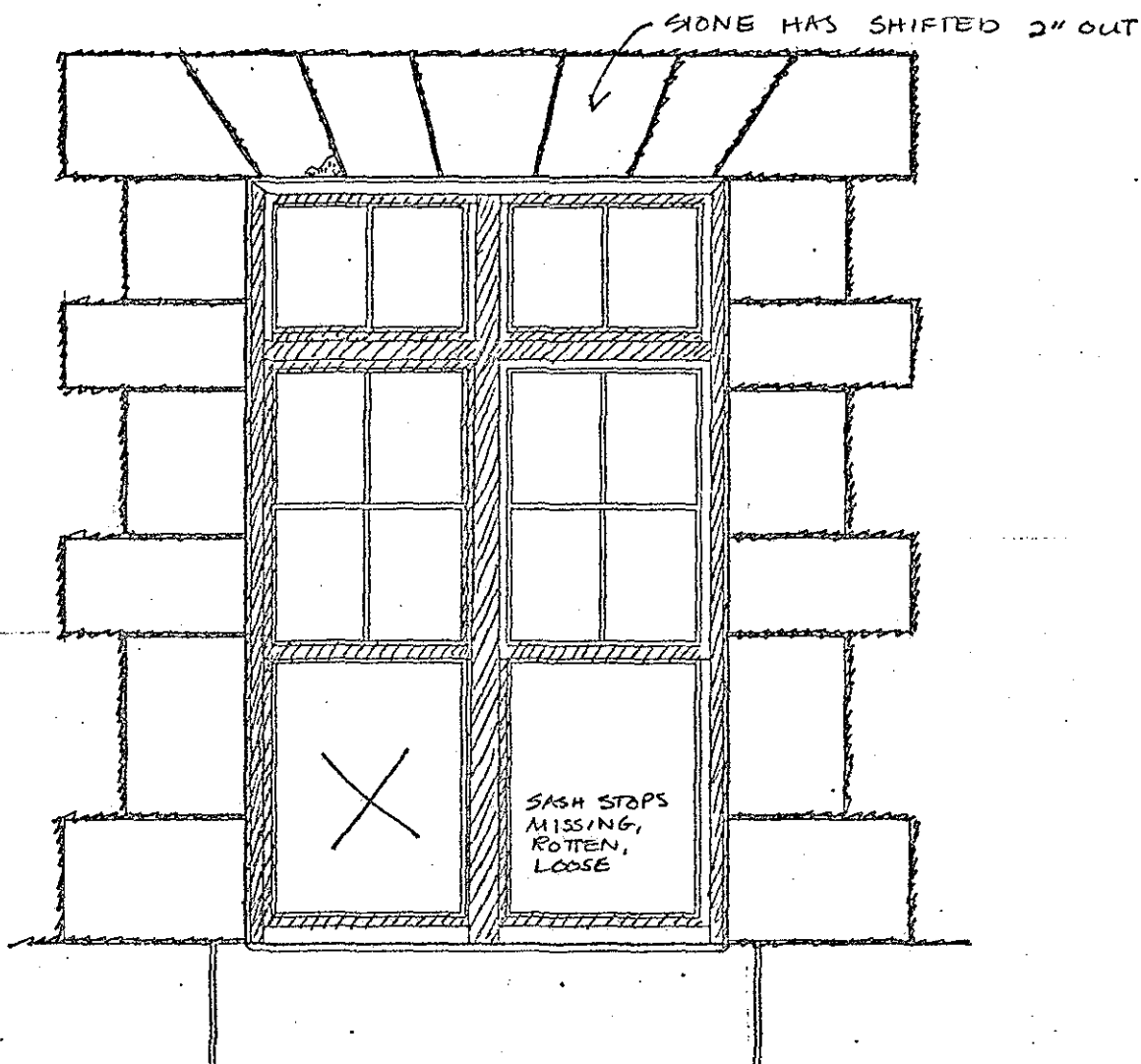
S. THIRD FLOOR, EXTERIOR ELEVATIONS (38)	NUMBER W 306	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EISENKRANTZ GROUP 19 West 44th Street, New York NY 10036	



INTERIOR: ALL JAMBS ROTTEN

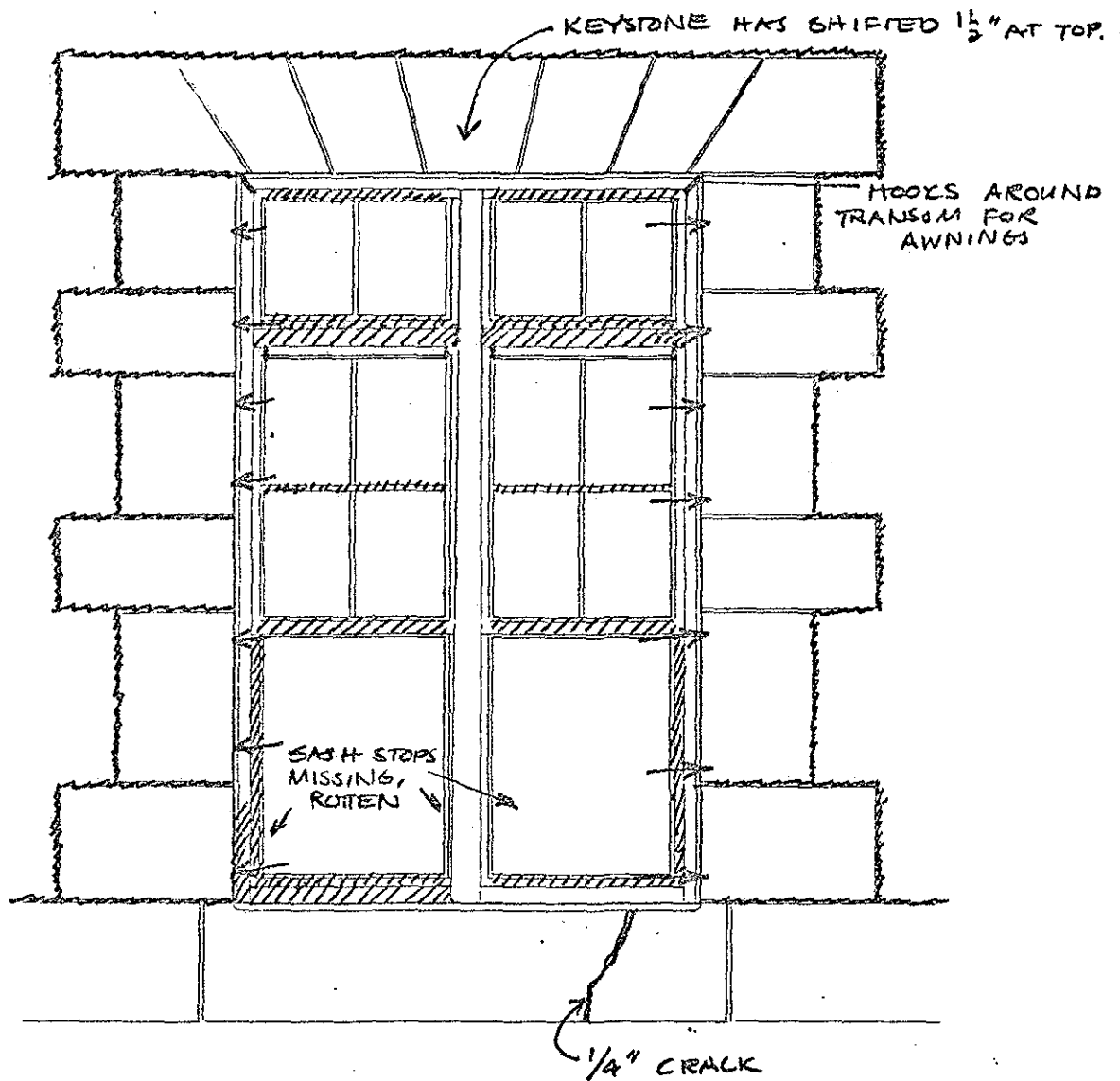
NO GRILL
SCREENS REMOVED.

S. THIRD FLOOR, EXTERIOR ELEVATIONS (30)	NUMBER W 307	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EHRENKRANTZ GROUP 19 West 44th Street, New York NY 10036	



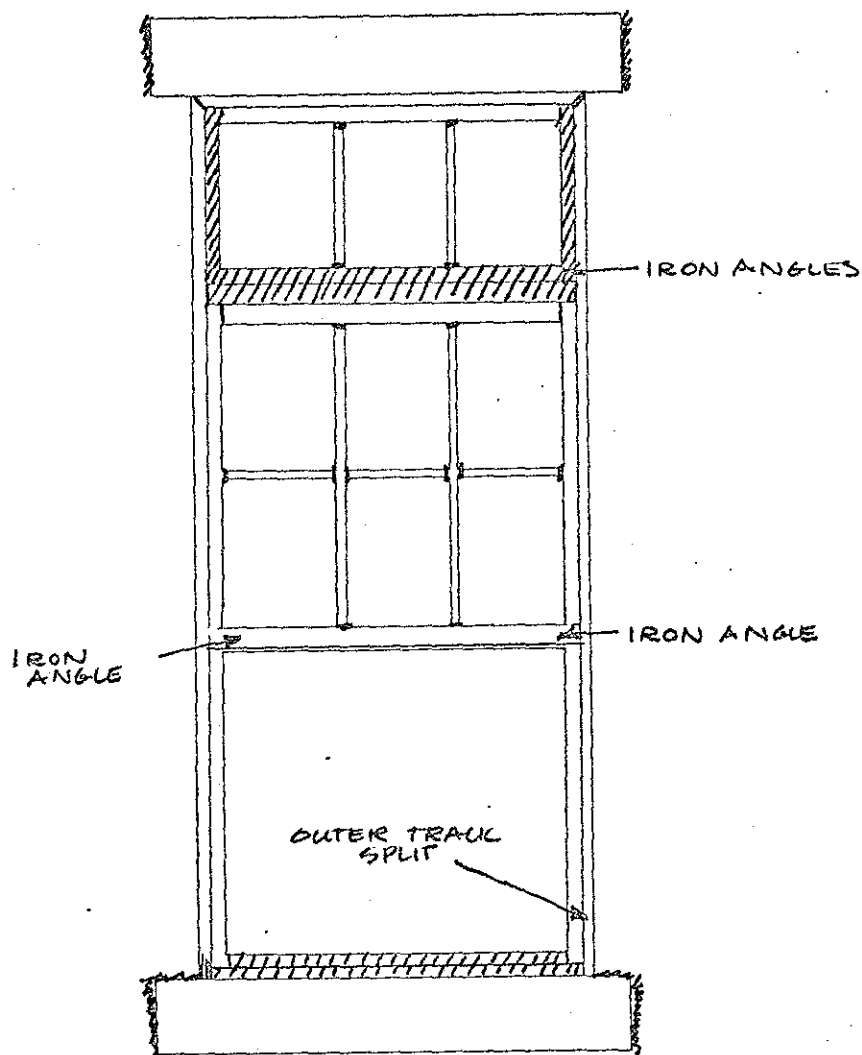
INTERIOR: LARGE SPACES BETWEEN FRAME MEMBERS AT HEAD, JAMB & SILL

5. THIRD FLOOR, EXTERIOR ELEVATIONS (30)	NUMBER W 308	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EHRENKRANTZ GROUP 19 West 44th Street, New York NY 10036	



SCREENS REMOVED
GRILL REMOVED

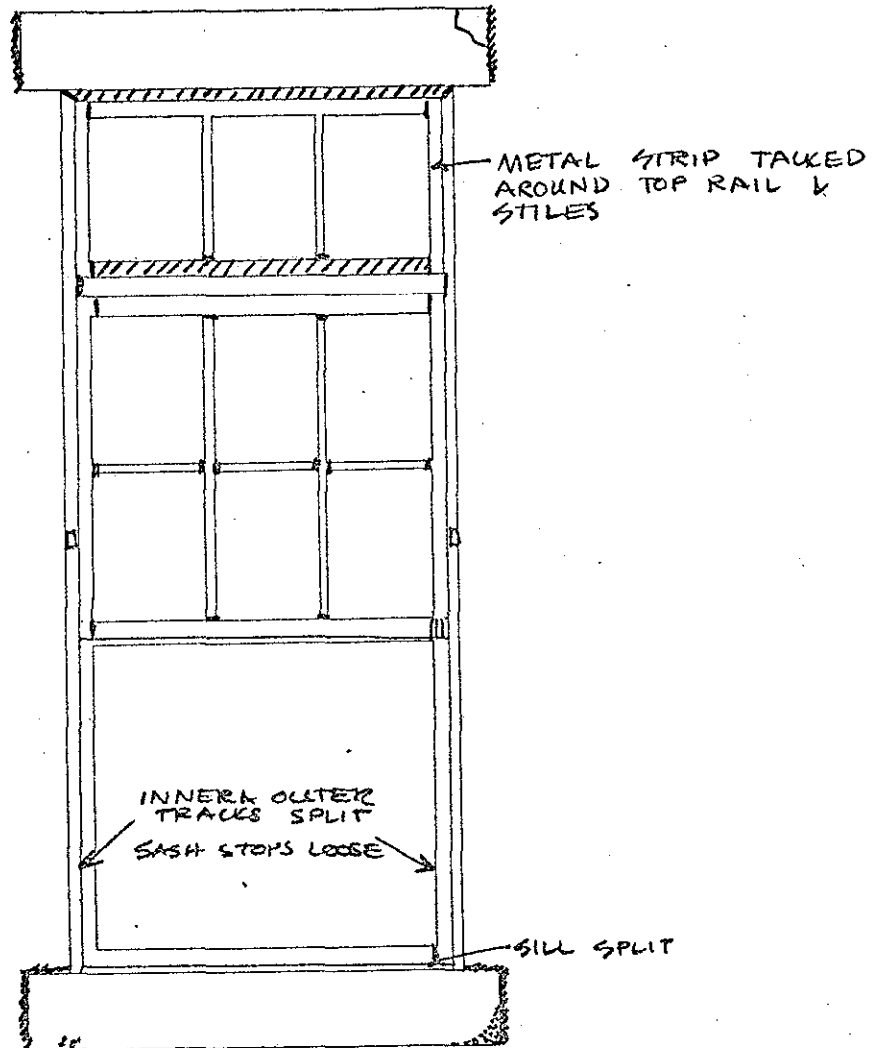
THIRD FLOOR ELEVATION (30)	NUMBER W 309	CLASS 2 wood
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EBENRANTZ GROUP 19 West 44th Street, New York NY 10036	2 stone



- INTERIOR:
- STOOD SPLIT
 - MOULDING ON RIGHT (WEST) SIDE OF OPENING LOOSE
 - BOTTOM RAIL, STILES, FASCIA & MOULDINGS OF TRANSOM & SASH SPLIT, ROTTED

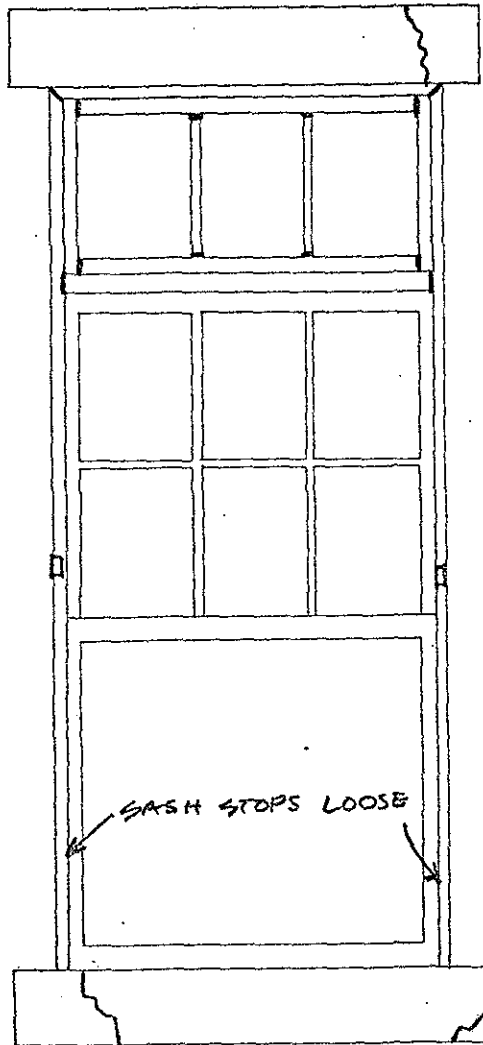
GRILL - HAS HOLE CUT IN IT

T1 THIRD FLOOR, LIGHT COURTS (29)	NUMBER NEL - 305	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EIRENKRAVITZ GROUP 19 West 44th Street, New York NY 10036	



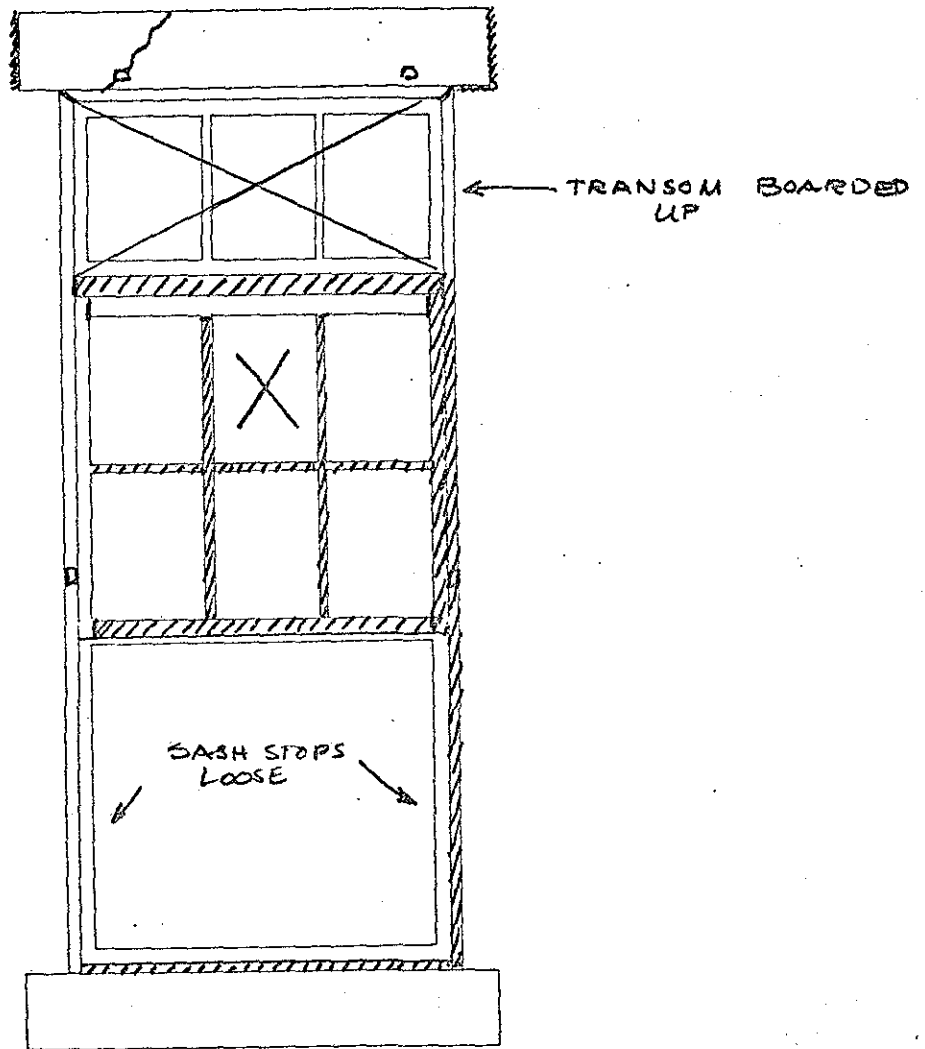
GRILL
SCREEN ON LOWER SASH - POOR CONDITION

T1 THIRD FLOOR, LIGHT COURTS (29)	NUMBER NEL-306	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE BIRENKRAWITZ GROUP 19 West 44th Street, New York NY 10036	



GRILL
 SCREENS OVER LOWER SASH - POOR CONDITION

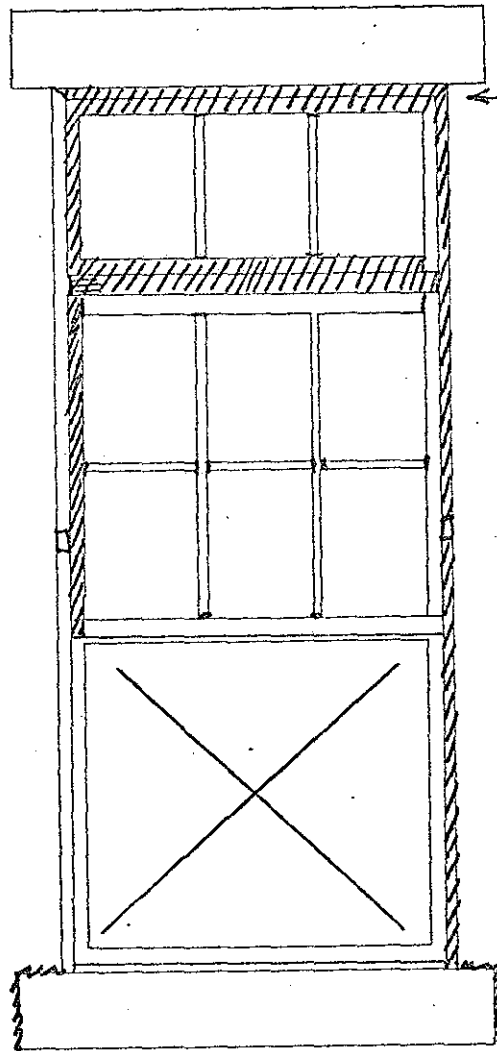
T1 THIRD FLOOR, LIGHT COURTS (29)	NUMBER NEL-307	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE BIRENKRANTZ GROUP 19 West 44th Street, New York NY 10036	



RUSTED SHUT - COULD NOT EXAMINE OUTSIDE

GRILL
SCREENS OVER LOWER SASH - POOR CONDITION

T1 THIRD FLOOR, LIGHT COURTS (29)	NUMBER NEL-309	CLASS 2/3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EIRENBERG GROUP 19 West 44th Street, New York NY 10036	

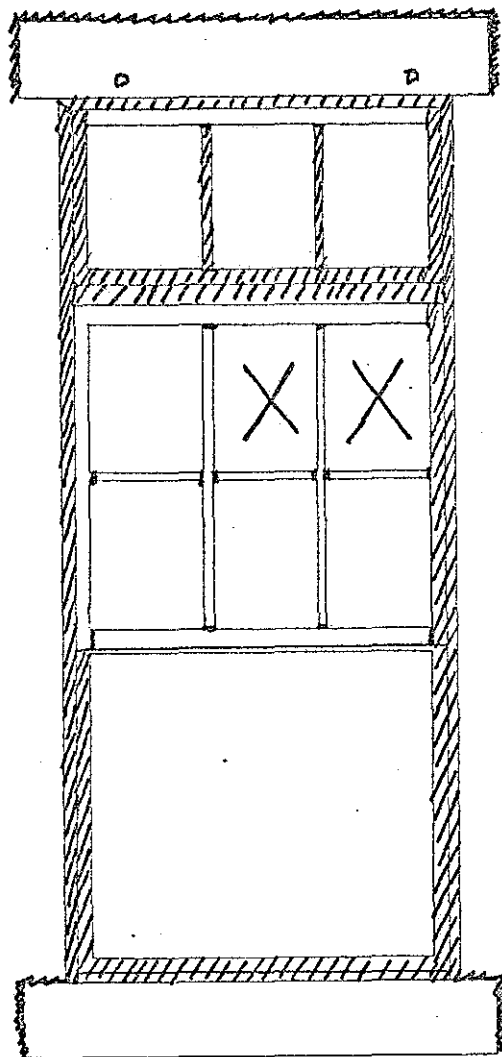


← HEAD FRAMING
HANGING LOOSE

INTERIOR: • MOULDINGS FRAMING OPENINGS LOOSE
• LOWER SASH BOARDED UP - UNABLE TO
SEE SILL OR OUTER FRAME

GRILL

T1 THIRD FLOOR, LIGHT COURTS (29)	NUMBER NEL- 310	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EISENBERG GROUP 19 West 44th Street, New York NY 10036	

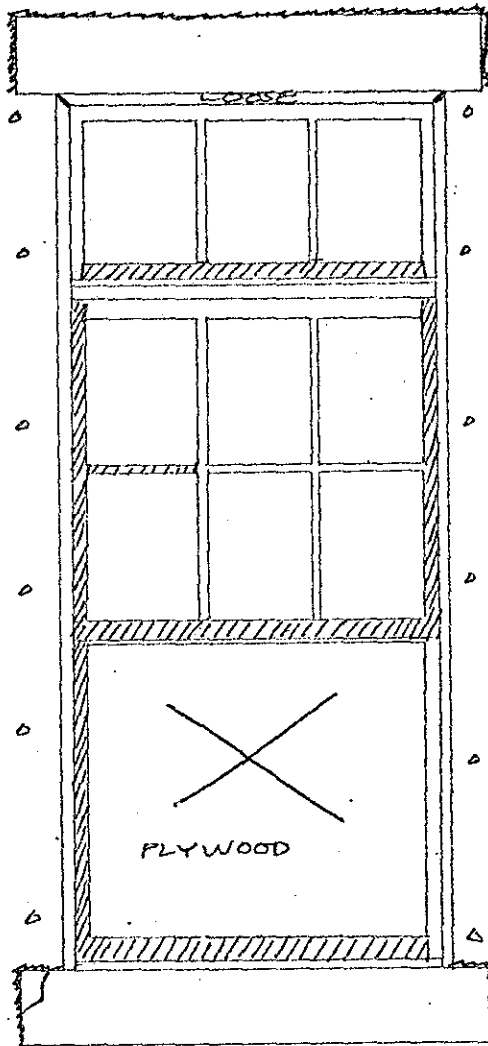


INTERIOR: MARBLE STOOL SPLIT

GRILL REMOVED

METAL TRACKS BUT NO SCREENS

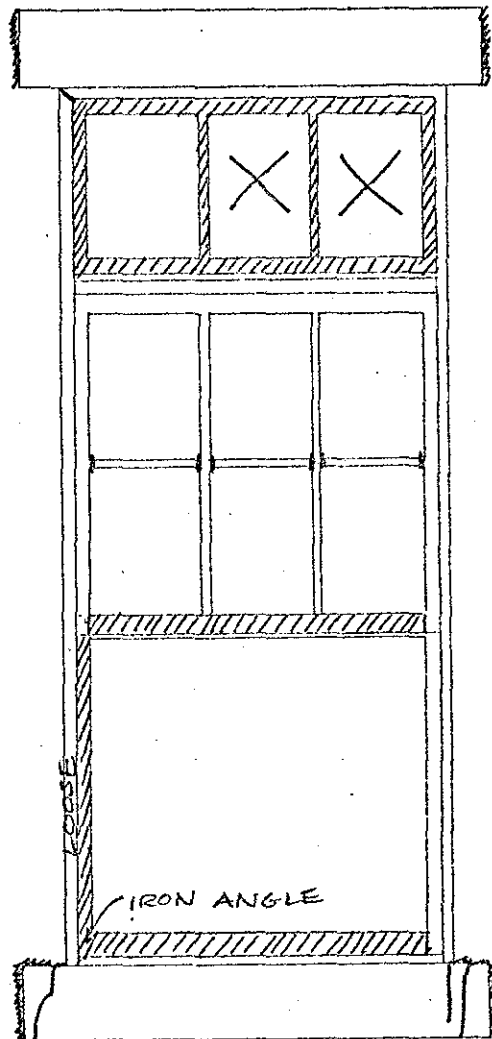
T1 THIRD FLOOR, LIGHT COURTS (29)	NUMBER NEL-311	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EIRENKRAVITZ GROUP 19 West 44th Street, New York NY 10036	



INTERIOR: • FRAMING EXPOSED BUT APPEARS O.K.
 • SASH NAILED SHUT

GRILL

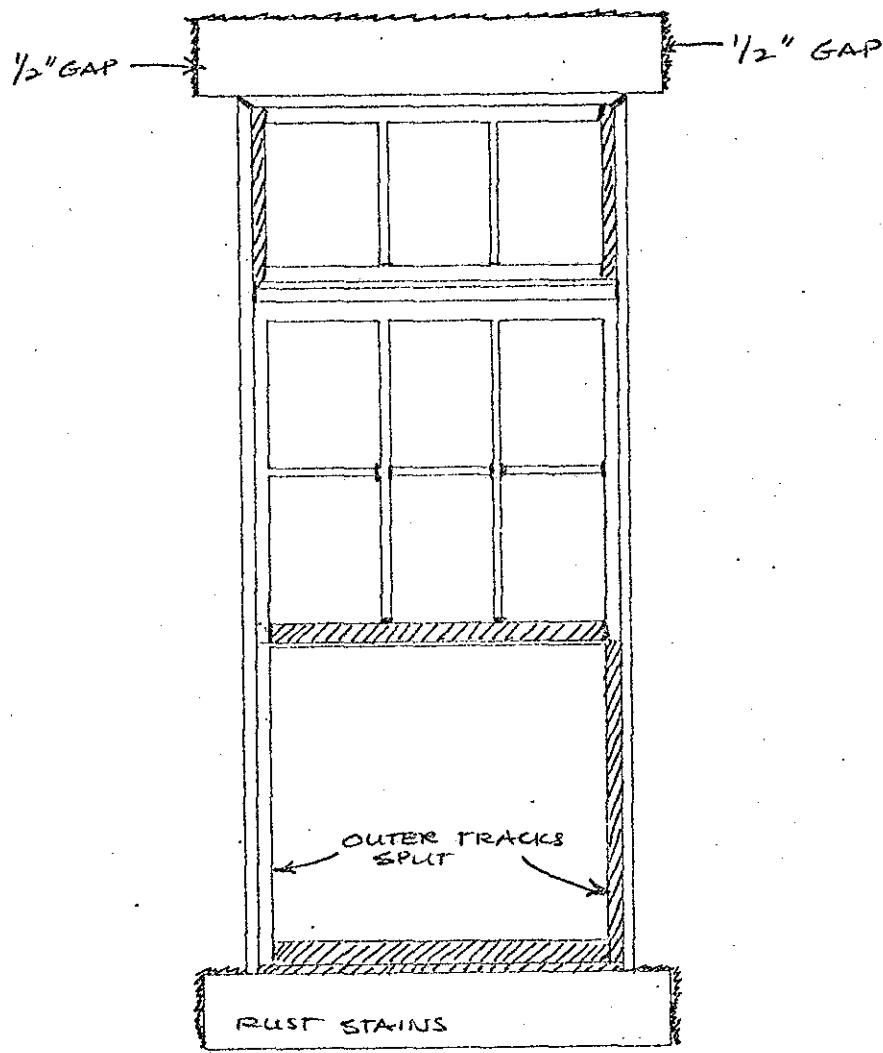
1 THIRD FLOOR LIGHT COURTS (P)	NUMBER SWL 301	LINES 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE BURENBERG GROUP 19 West 44th Street, New York NY 10036	



INTERIOR : · ALL TRACKS SPLIT
 · ALL PARTING STOPS LOOSE

GRILL

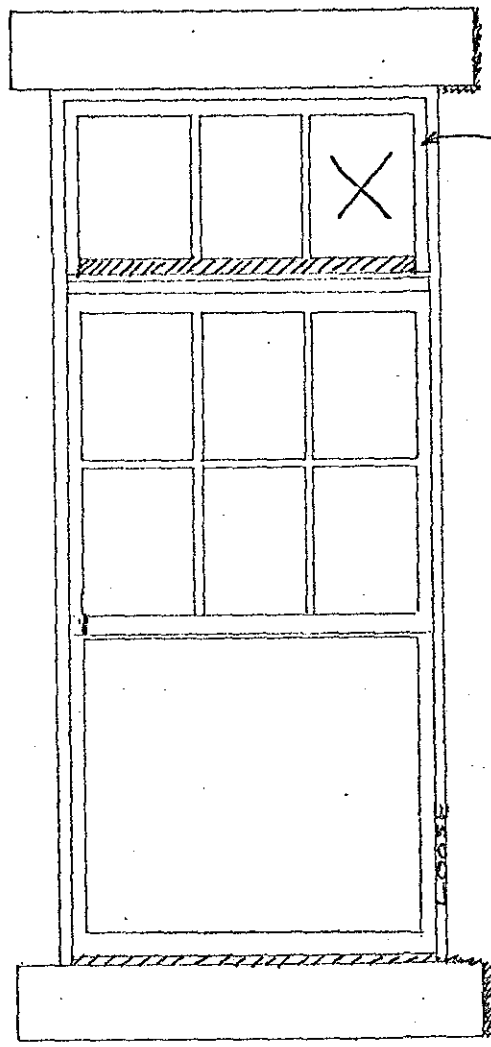
T1 THIRD FLOOR, LIGHT COURTS	NUMBER SWL-302	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EBENFELTZ GROUP 19 West 44th Street, New York NY 10036	



INTERIOR: JAMB FRAMING EXPOSED ON WEST SIDE;
 SOME SMALL BLOCKING PIECES APPEAR ROTTED
 SASH STOPS LOOSE

GRILL

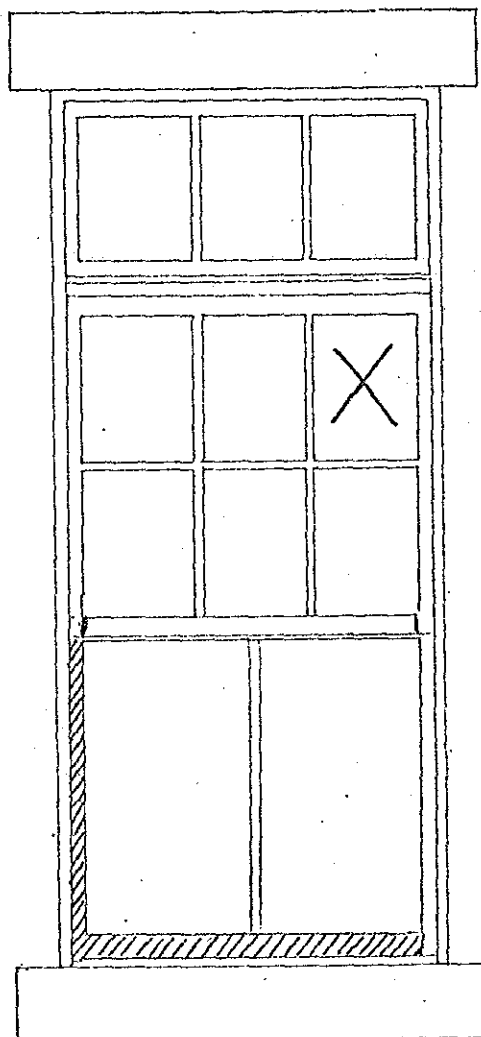
[1] THIRD FLOOR, LIGHT COURTS (29)	NUMBER SWL-303	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE DEGENERITZ GROUP 19 West 44th Street, New York NY 10036	



METAL STRIP
AROUND EDGES

GRILL

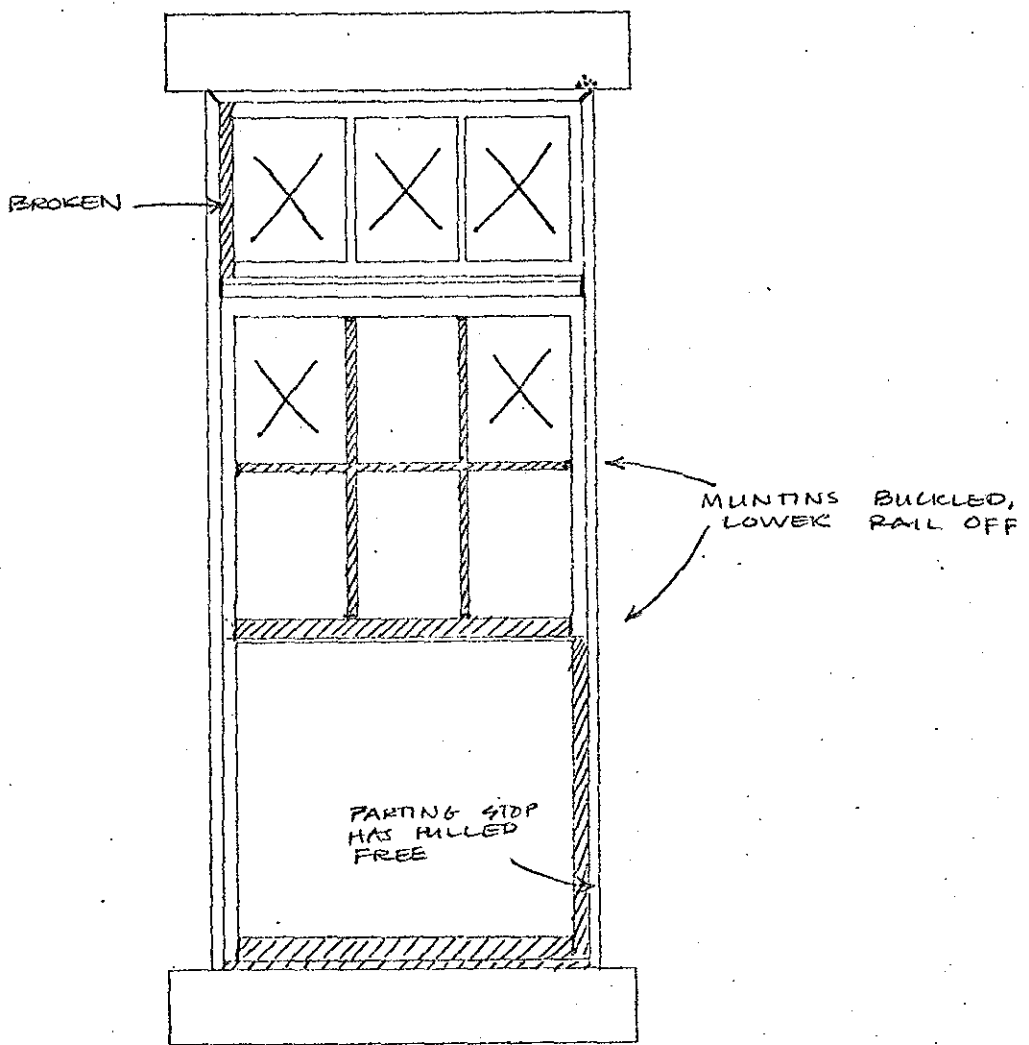
T1. THIRD FLOOR. LIGHT COURTS (101)	NUMBER 3 WL-304	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE BIRKENBEWITZ GROUP 19 West 44th Street, New York NY 10036	



INACCESSIBLE

GRILL
SCREEN OVER TRANSOM

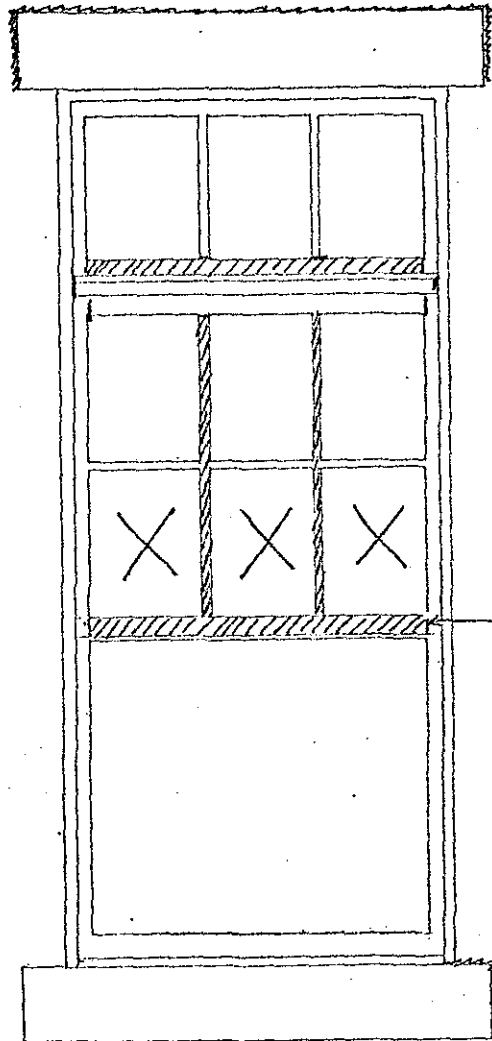
T1 THIRD FLOOR LIGHT COUPES (1)	NUMBER SWL-305	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE DEBENIGNTZ GROUP 19 West 44th Street, New York NY 10016	



INTERIOR: ALL INNER STOP MOULDINGS VERY LOOSE

GRILL REMOVED

T1 THIRD FLOOR LIGHT COURTS	NUMBER SWL-310	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EPHENREWITZ GROUP 19 West 44th Street, New York NY 10036	

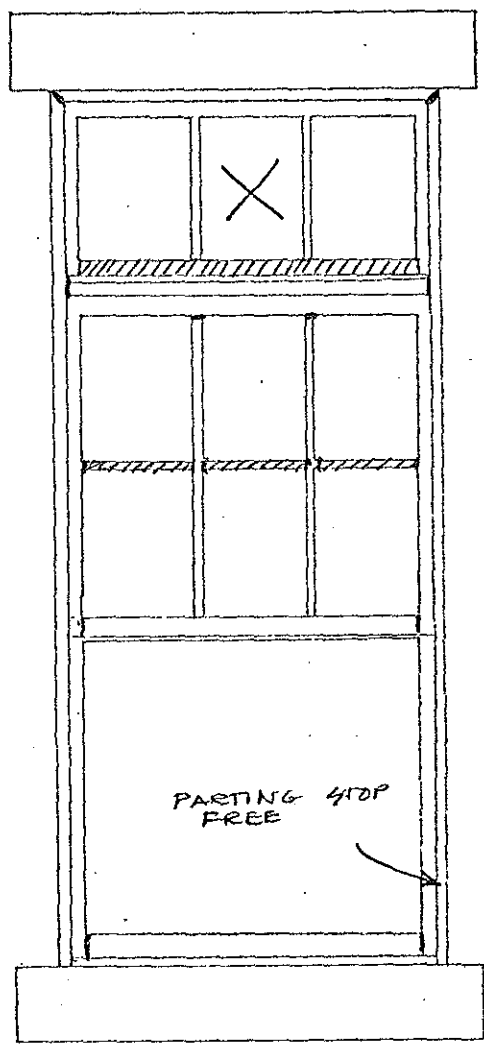


LOWER RAIL HAS
FALLEN OFF

- INTERIOR:
- INNER STOPS WARPED
 - MARBLE STOOL & JAMB COVERS
 - NOT ACCESSIBLE

GRILL IN PLACE - ANCHORED TO FRAME

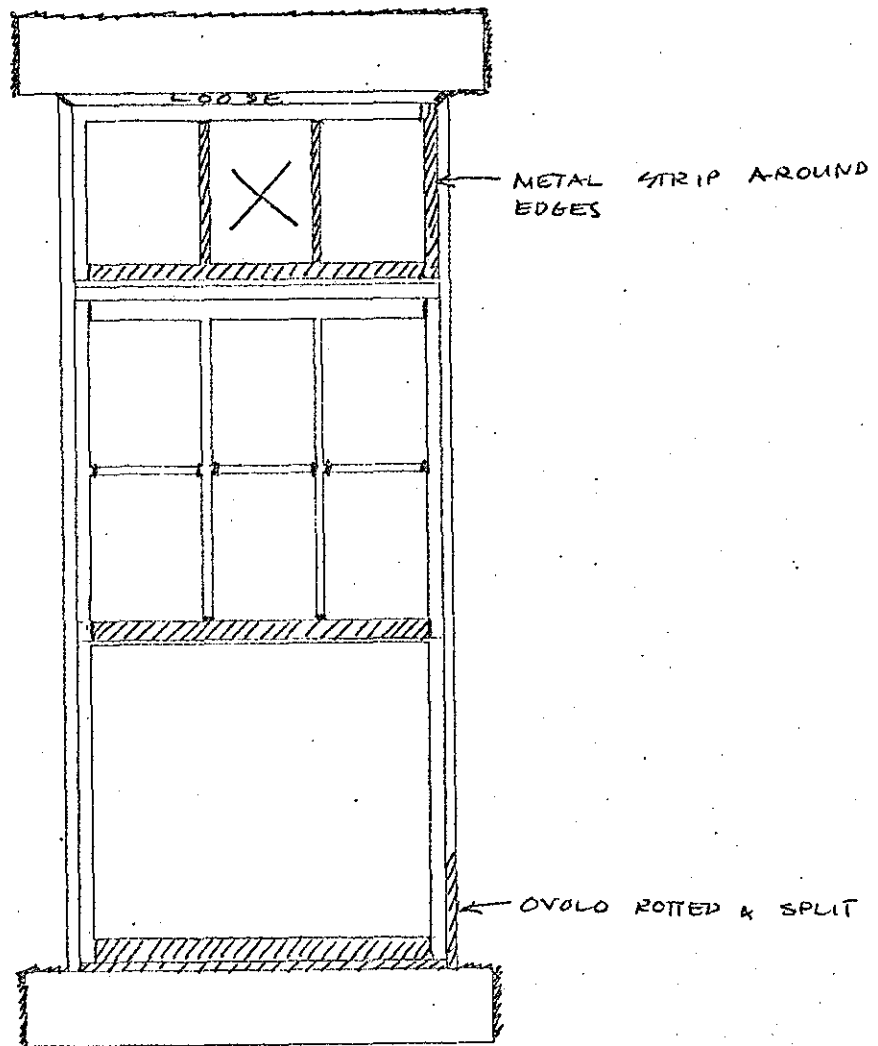
71 THIRD FLOOR LIGHT COURTS (6)	NUMBER SWL-311	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE EBENKRENTZ GROUP 19 West 45th Street, New York NY 10036	



INTERIOR: MARBLE STOOL & JAMB COVERS

GRILL REMOVED
 METAL TRACKS BUT NO SCREENS

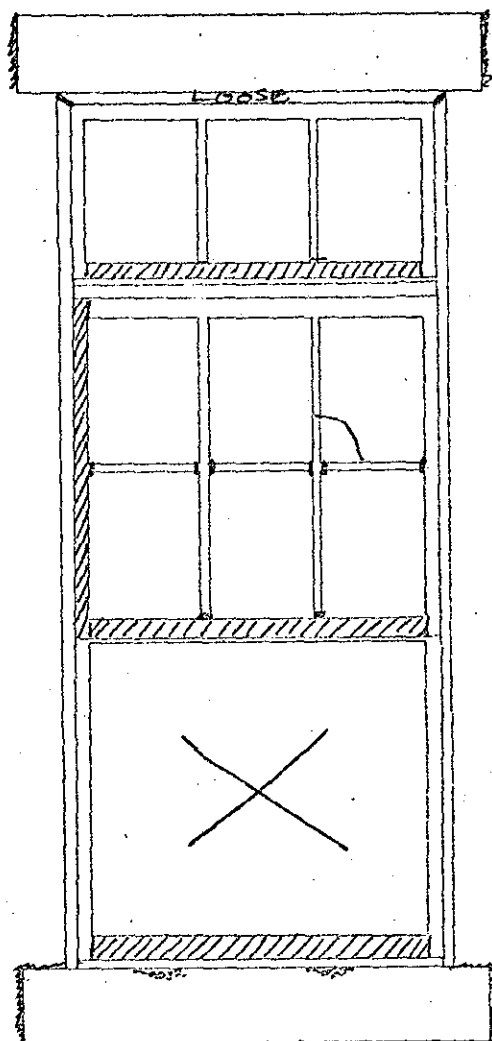
1 THIRD FLOOR LIGHT COURTS (39)	NUMBER SWL-312	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE EBERHARTZ GROUP 19 West 44th Street, New York NY 10036	



- INTERIOR:
- SASH NAILED SHUT
 - ALL INSIDE STOP MOULDINGS MISSING
 - MARBLE STOOL & JAMB COVERS
 - ALL FRAMING LOOSE & ROTTED

GRILL REMOVED.

T1 THIRD FLOOR LIGHT COURTS (2)	NUMBER SWL-313	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE EBERHARTZ GROUP 19 West 44th Street, New York NY 10036	

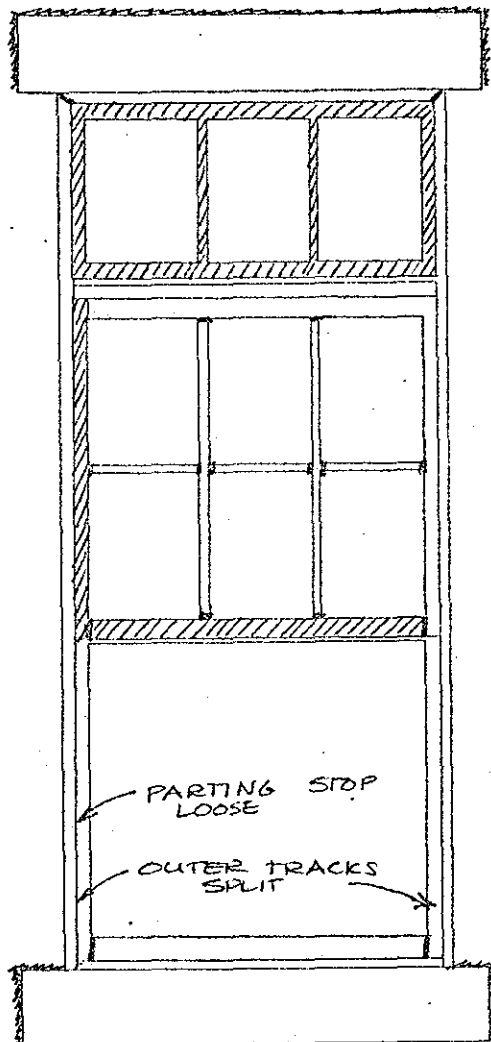


INTERIOR:

- MARBLE STOOL & JAMB COVERS
- UPPER LEFT (SOUTH) CORNER DAMAGED
- JAMB FRAMING EXPOSED BUT APPEARS TO BE O.K.

GRILL REMOVED

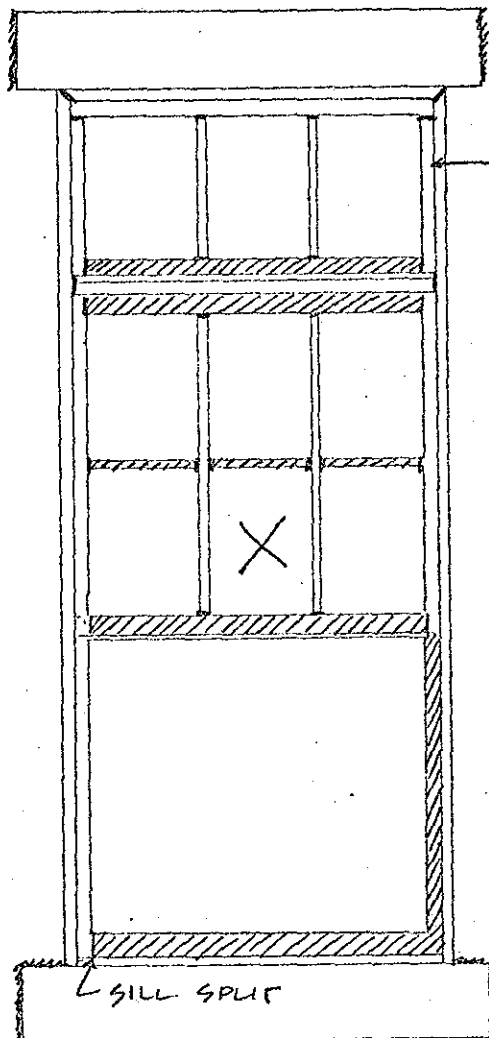
11 THIRD FLOOR, LIGHT COUPIS	NUMBER SWL-314	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE EISENBERG GROUP 19 West 45th Street, New York NY 10036	



GRILL REMOVED

SCREEN ON LOWER SASH - POOR CONDITION

[1] THIRD FLOOR, LIGHT COURTS (27)	NUMBER NWL-308	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE DIBENKOVITZ GROUP 19 West 44th Street, New York NY 10036	



METAL STRIP ON SASH

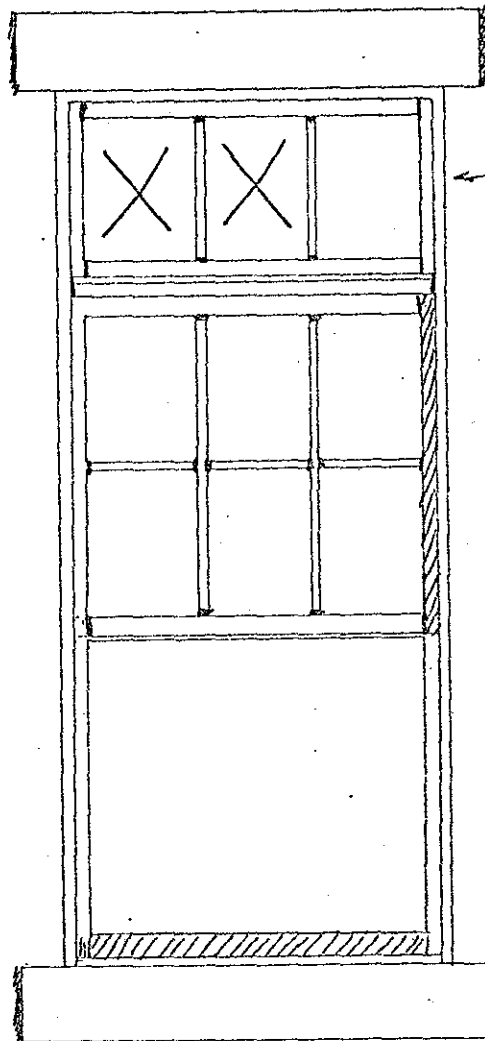
SILL SPLIT

- INTERIOR:
- MARBLE STOOL & JAMB COVERS
 - INNER & OUTER TRACKS SPLIT
 - PARTING STOPS LOOSE

GRILL REMOVED

SCREEN OVER LOWER SASH - POOR CONDITION

T1 THIRD FLOOR, LIGHT COURTS	NUMBER NWL-310	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE DRINKWATER GROUP 19 West 44th Street, New York NY 10036	



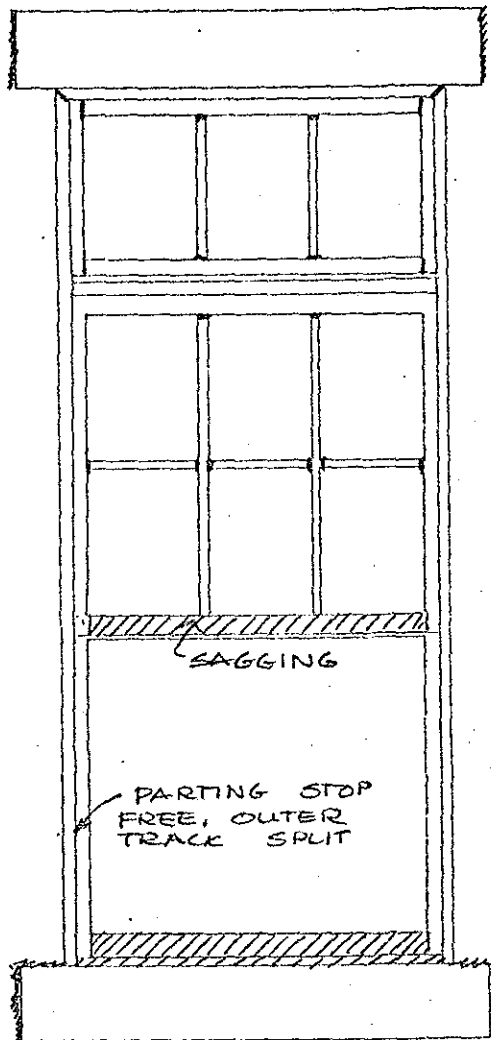
← TRANSOM CHAINS
BROKEN, SASH HANGING
DOWN

← 1/2" GAP

NOT ACCESSIBLE

GRILL IN PLACE - ATTACHED TO WOOD TRIM

T1 THIRD FLOOR, LIGHT COURTS (57)	NUMBER NWL-311	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE EHRENKRANZ GROUP 19 West 44th Street, New York NY 10036	

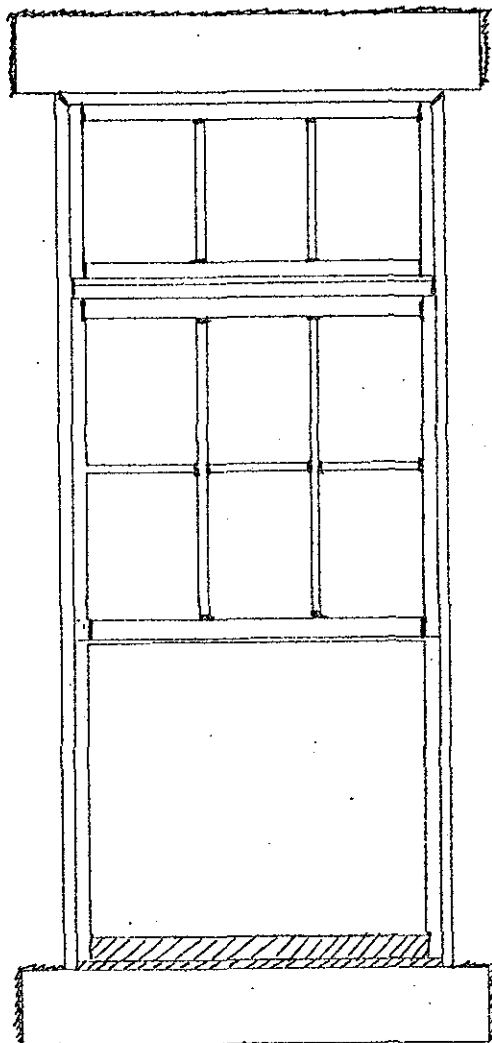


INTERIOR: MARBLE STOOL & JAMB COVERS

GRILL REMOVED

METAL TRACKS BUT NO SCREENS

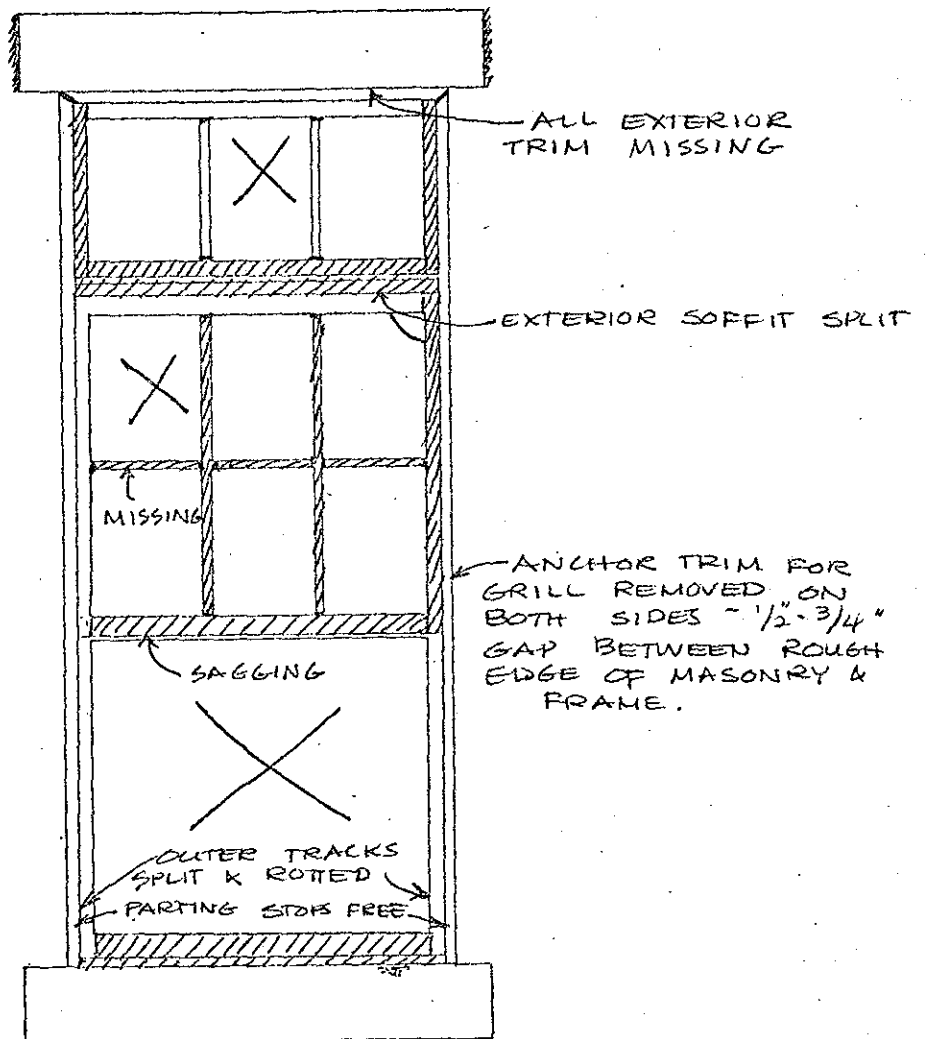
T1 THIRD FLOOR, LIGHT COURTS (37)	NUMBER NWL-312	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE EHRENKRANTZ GROUP 19 West 44th Street, New York NY 10036	



INTERIOR: • INNER STOP MOULDINGS LOOSE
 • PARTING STOPS LOOSE
 • MARBLE STOOL & JAMB COVERS

GRILL REMOVED
 METAL TRACKS BUT NO SCREENS

T1 THIRD FLOOR, LIGHT COURTS	NUMBER NWL-313	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE BIRKENHAZ GROUP 19 West 44th Street, New York NY 10036	

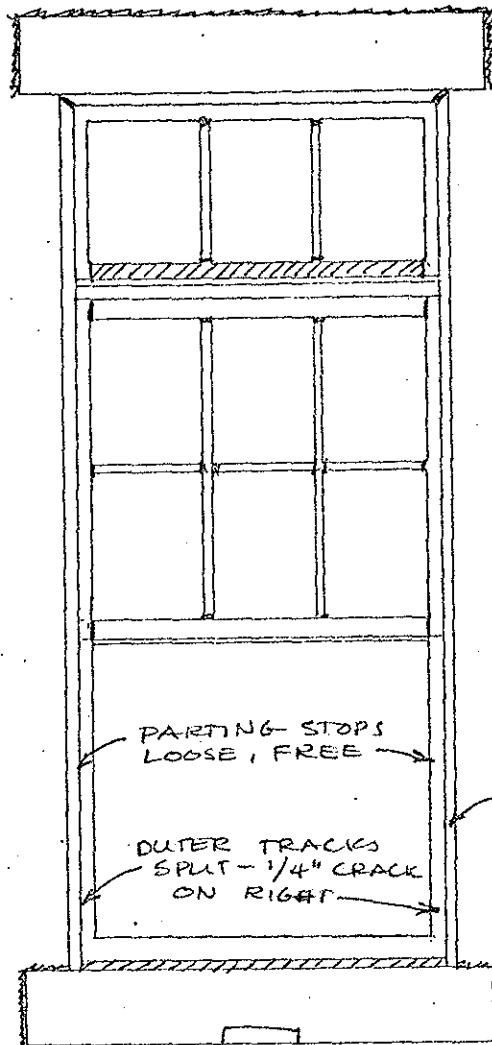


- INTERIOR:
- ALL FRAMING EXPOSED INSIDE
 - MARBLE SIDOLS & JAMB COVERS

GRILL REMOVED

METAL TRACKS BUT NO SCREENS

T1 THIRD FLOOR LIGHT COURTS (29)	NUMBER NWL-309	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE BRENKENSTZ GROUP 19 West 45th Street, New York NY 10036	

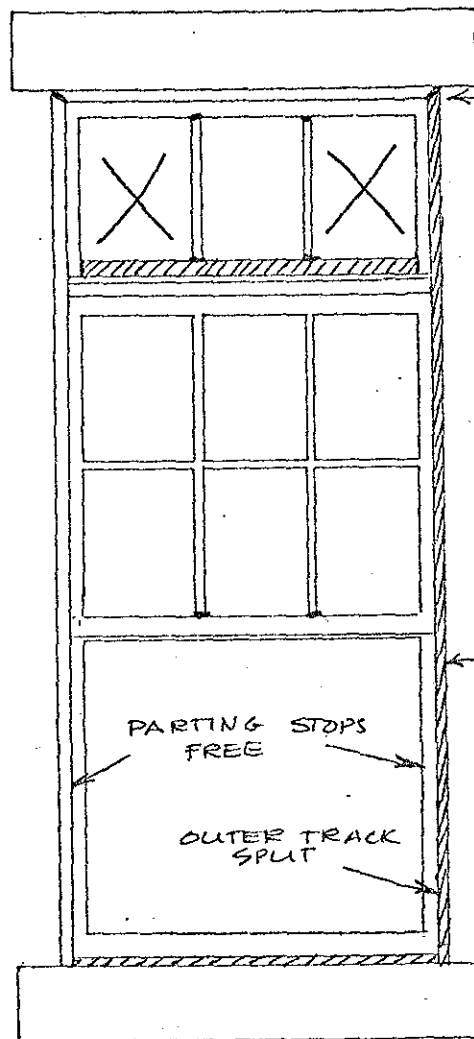


TRIM FOR GRILL
LOOSE

- INTERIOR:
- MARBLE STOOL & JAMB COVERS
 - FRAMING EXPOSED BUT APPEARS SOUND
 - SASH COUNTERBALANCE BROKEN

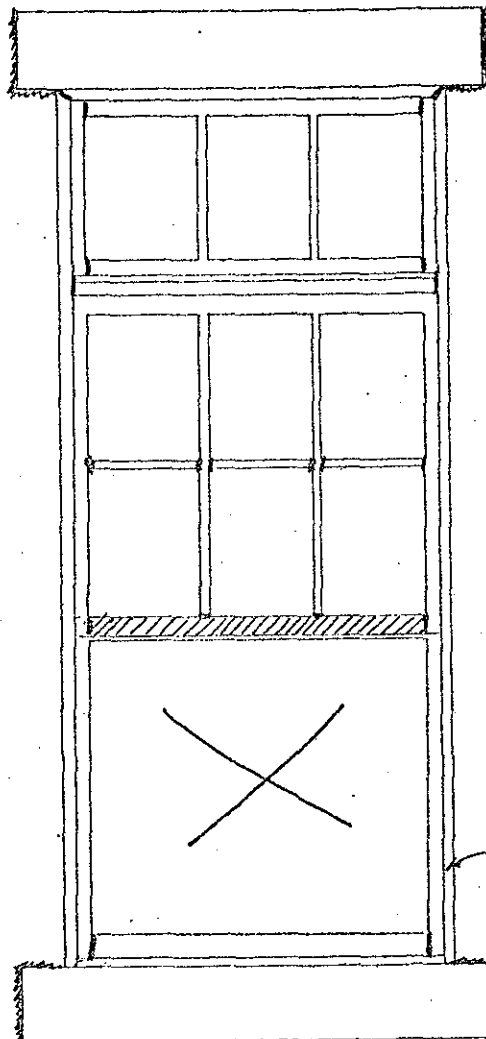
GRILL REMOVED

T1	THIRD FLOOR, LIGHT COURTS (27)	NUMBER NWL-301	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York		BUILDING CONSERVATION TECHNOLOGY THE BERENSON GROUP	19 West 44th Street, New York NY 10036



GRILL REMOVED

11 THIRD FLOOR, LIGHT COURTS (27)	NUMBER NWL-302	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EBERHARTZ GROUP 19 West 44th Street, New York NY 10036	

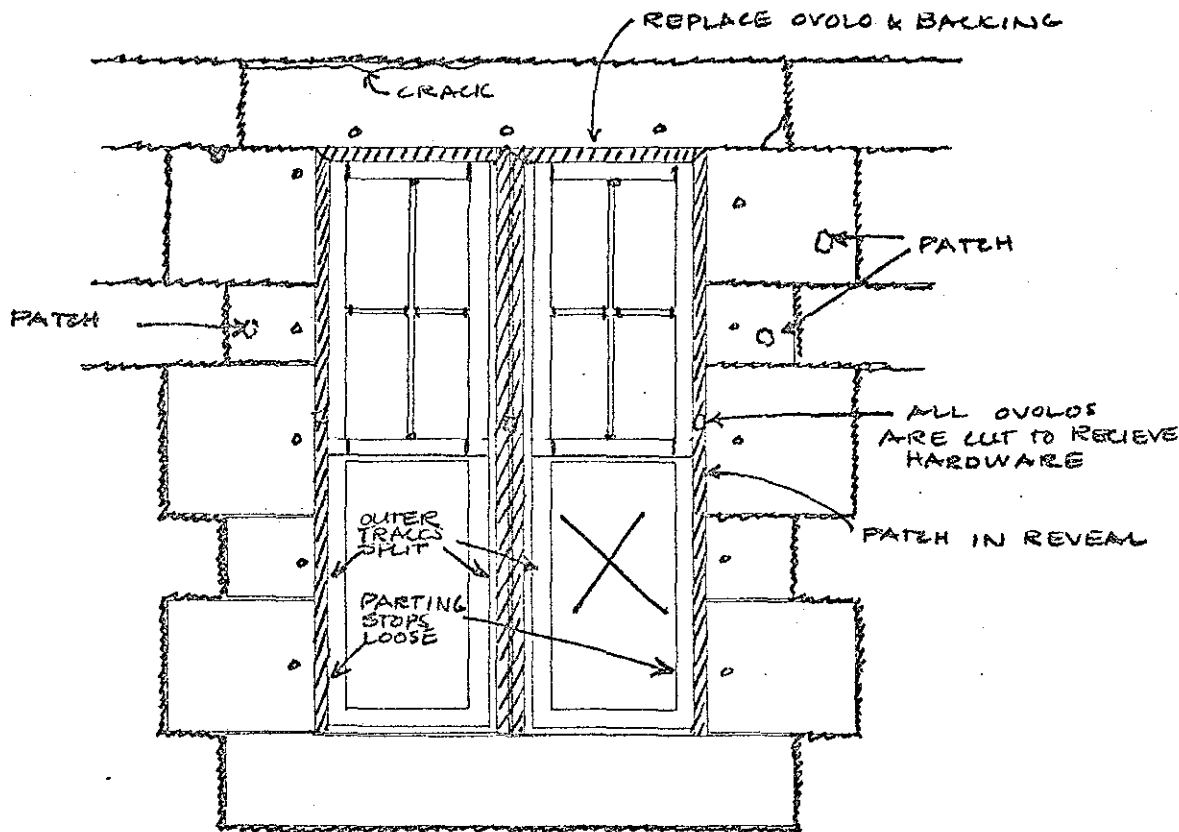


TRIM FOR GRILL
LOOSE ON BOTH SIDES

INTERIOR: MARBLE STOOD & JAMB COVERS

GRILL REMOVED

1 THIRD FLOOR LIGHT COURTS (2)	NUMBER NWL-307	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE DRENKOWITZ GROUP 19 West 44th Street, New York NY 10036	

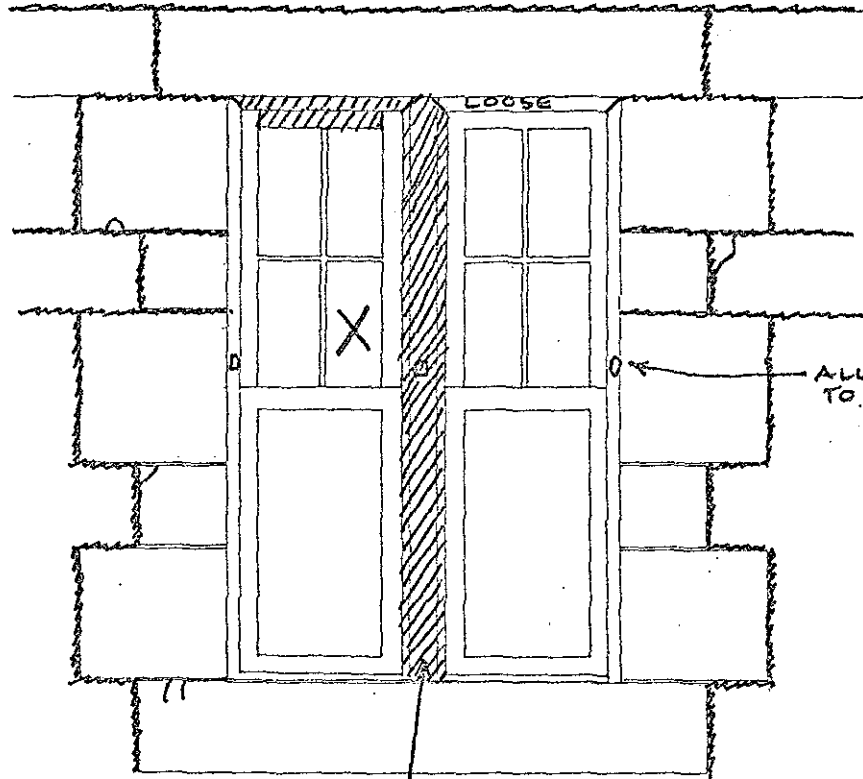


INTERIOR: • REPLACE STOPS ALONG INNER SILL-
LOOSE & CRACKED

GRILL REMOVED

METAL TRACKS BUT NO SCREENS

U. THIRD FLOOR, LIGHT COURTS (12)	NUMBER NEL-302	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE EIRENKRANTZ GROUP 19 West 44th Street, New York NY 10036	

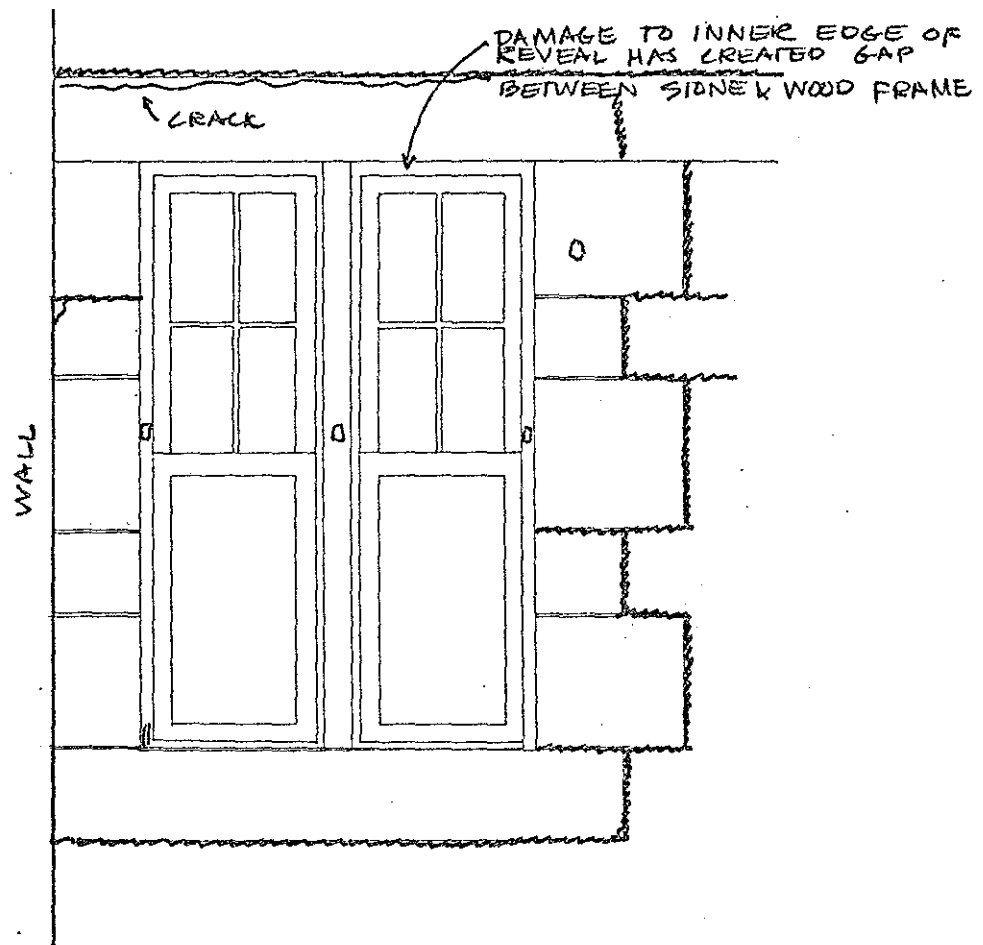


ALL OVOLOS CUT TO HOLD HARDWARE

REPLACE OVOLO, OUTER STOP & OUTER TRACKS - ALL ARE LOOSE & ROTTED

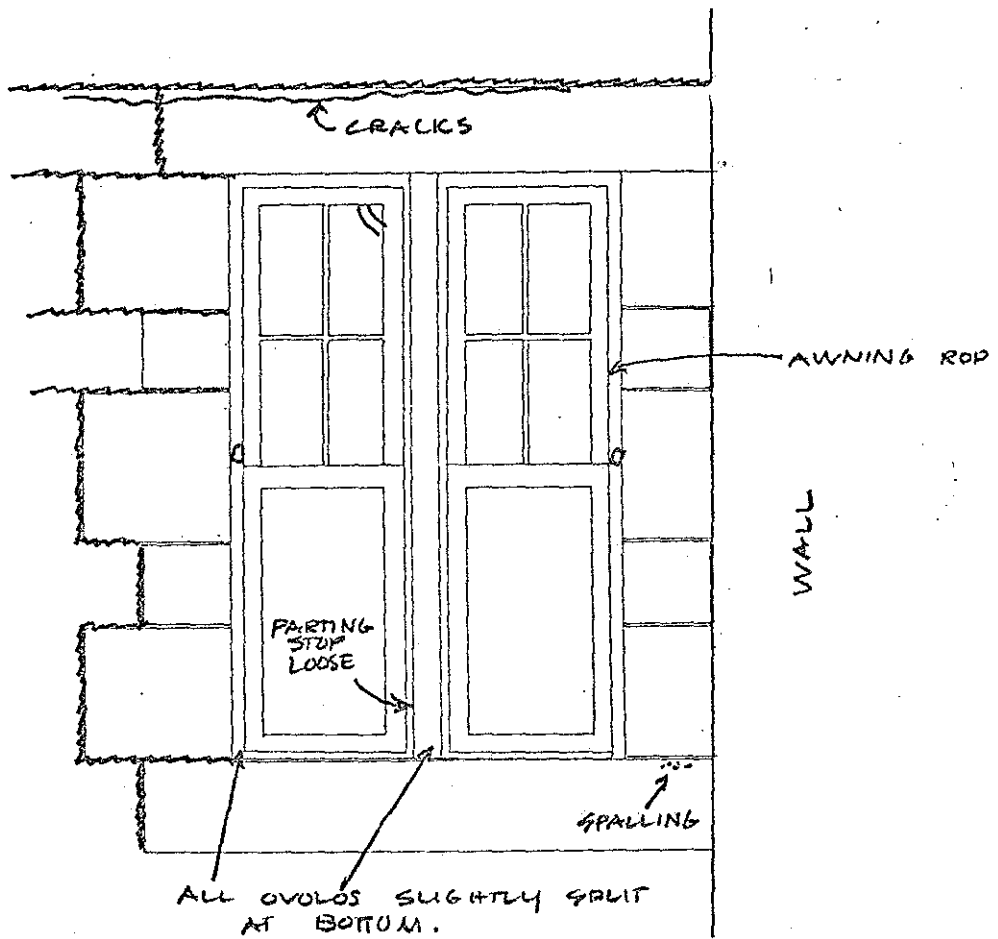
GRILL
SCREEN OVER LOWER SASH - POOR CONDITION.

U. THIRD FLOOR, LIGHT COURTS (12)	NUMBER NEL- 303	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EISENBRANZ GROUP 19 West 44th Street, New York NY 10036	



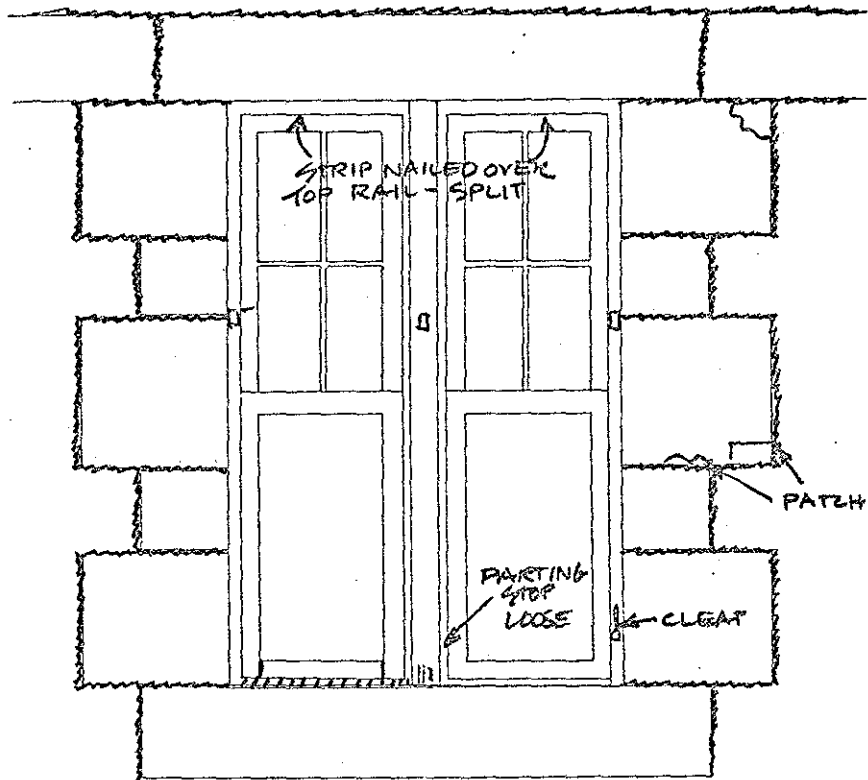
GRILL
 SCREENS OVER LOWER SASH - FAIR CONDITION

U THIRD FLOOR, LIGHT COURTS (12)	NUMBER NEL - 304	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EBERGRANITZ GROUP 19 West 44th Street, New York NY 10036	



GRILL
 SCREENS ON LOWER SASH - POOR CONDITION

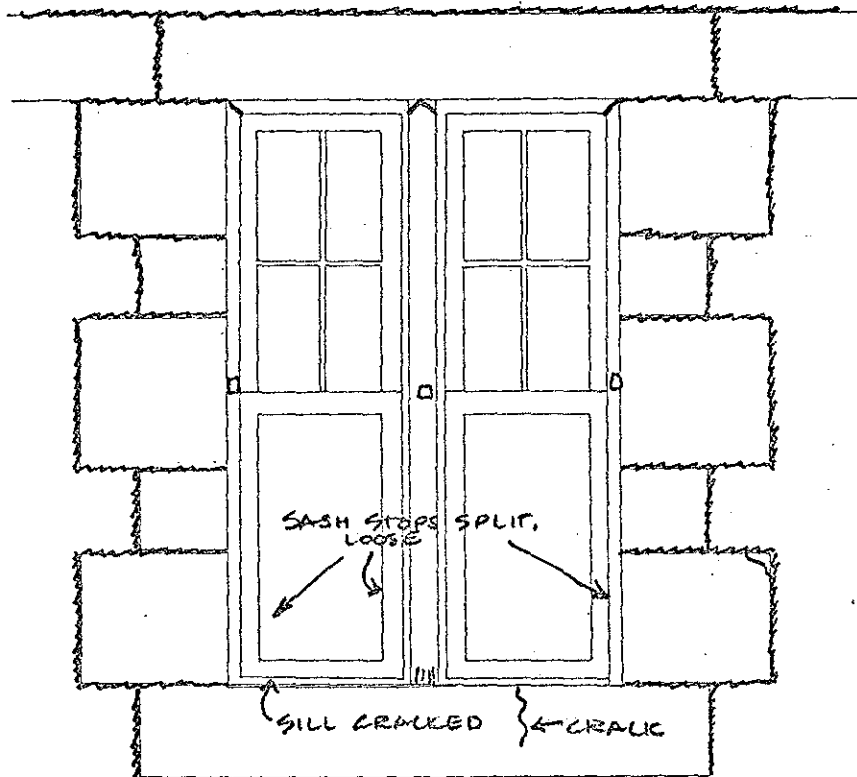
U THIRD FLOOR, LIGHT COUETS (15)	NUMBER SEL-308	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EISENKRANTZ GROUP 19 West 44th Street, New York NY 10036	



GRILL

SCREENS ON LOWER SASH - POOR CONDITION

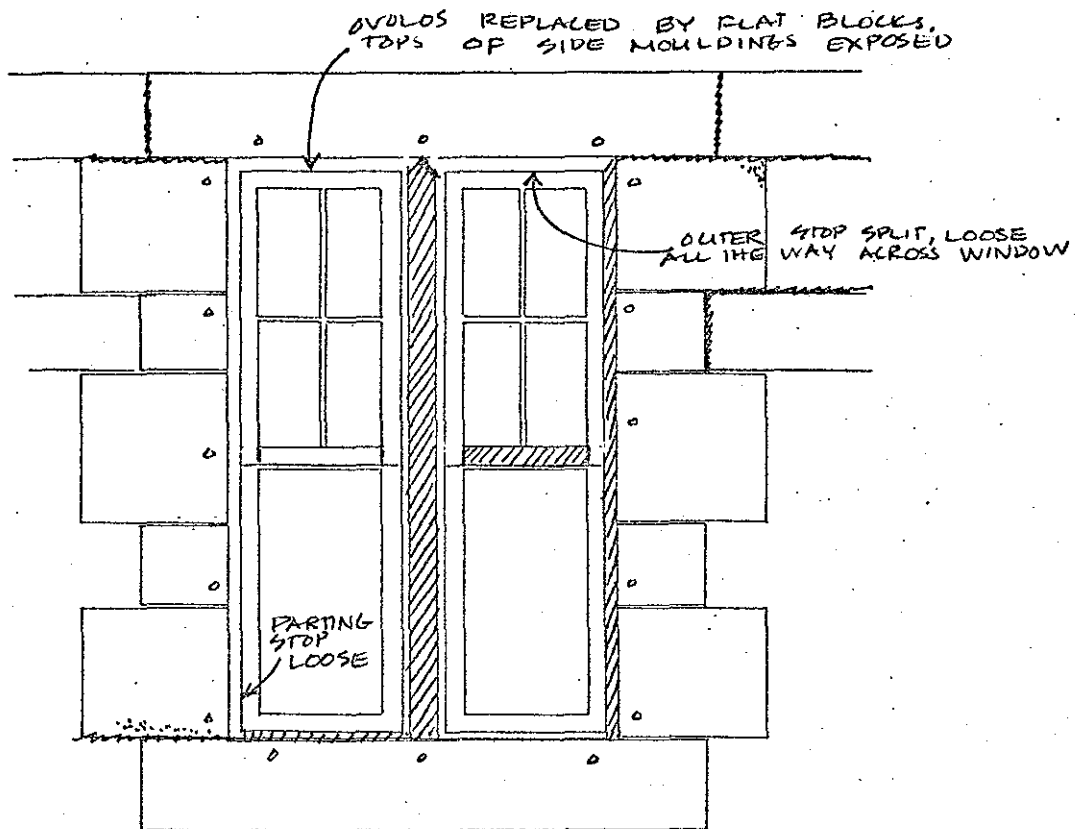
U THIRD FLOOR, LIGHT COURTS (12)	NUMBER SEL-309	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EISENKRANTZ GROUP 19 West 44th Street, New York NY 10036	



GRILL

SCREEN ON LOWER SASH - POOR CONDITION

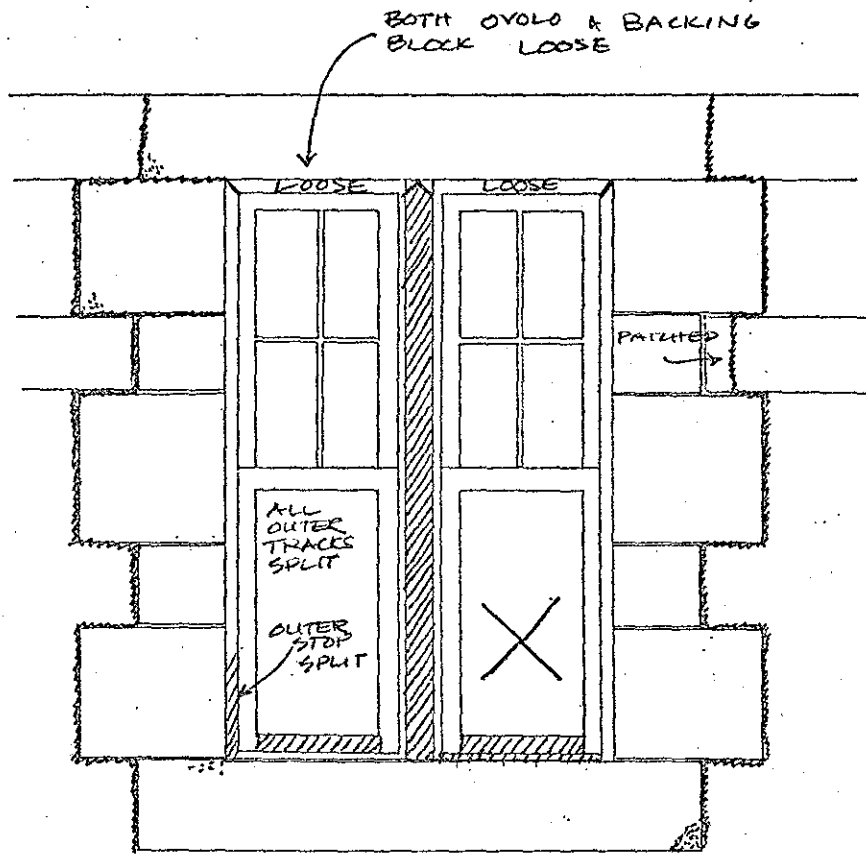
U THIRD FLOOR, LIGHT COUSTS (15)	NUMBER SEL - 310	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE DEGENERANIZ GROUP 19 West 44th Street, New York NY 10036	



GRILL REMOVED, SLEEVES IN PLACE

SCREENS ON LOWER SASH - POOR CONDITION

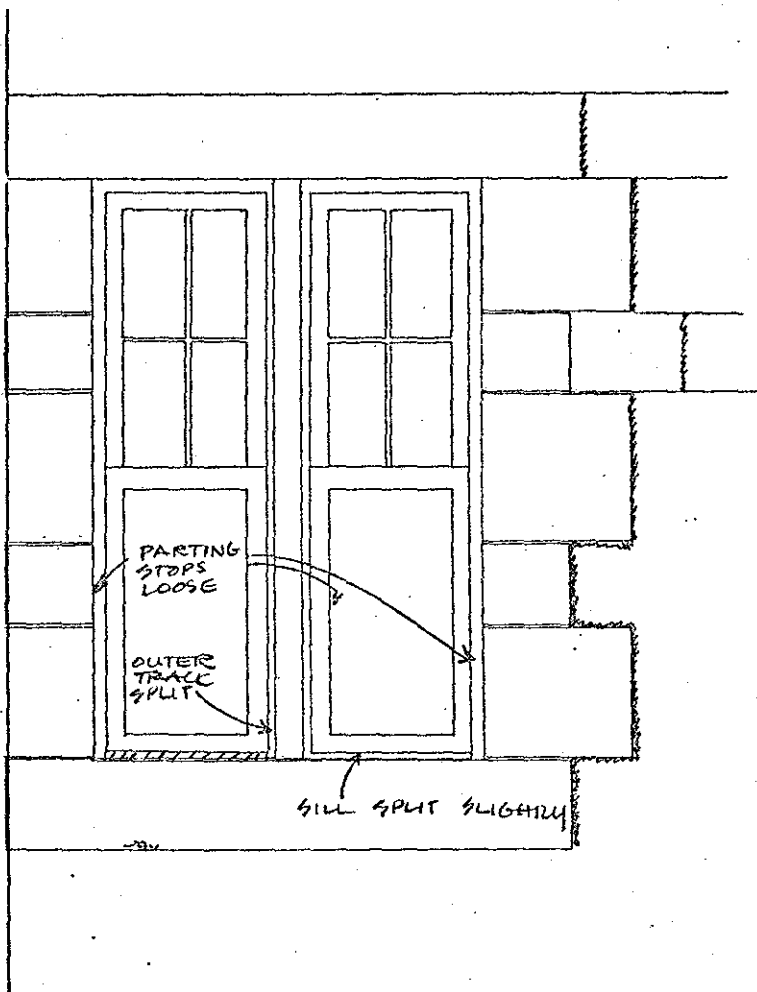
U THIRD FLOOR, WEST COURTS (13)	NUMBER SWL-307	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EISENKRANTZ GROUP 19 West 44th Street, New York NY 10036	



- INTERIOR:
- ALL SASH STOPS MISSING OR HANGING FREE
 - MOULDINGS FRAMING OPENING LOOSE ON DIVIDING BAR
 - LEFT (WEST) SASH STILL OPEN

GRILL REMOVED

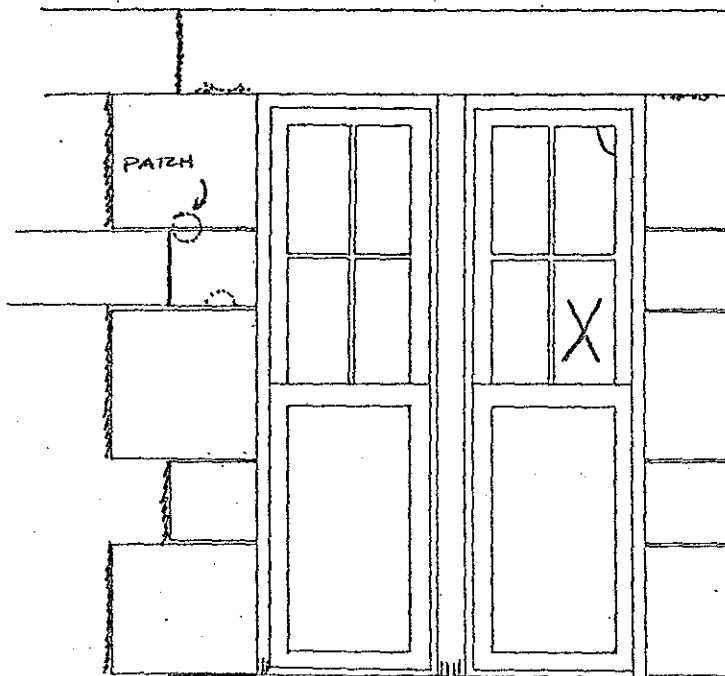
U THIRD FLOOR, LIGHT COURTS (12)	NUMBER SWL-308	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EIRENSWITZ GROUP 19 West 44th Street, New York NY 10036	



BOTH SASH OPERATE SMOOTHLY

GRILL

U THIRD FLOOR, INSIDE COURTS (12)	NUMBER SWL-309	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EHRENKRANZ GROUP 19 West 44th Street, New York NY 10036	



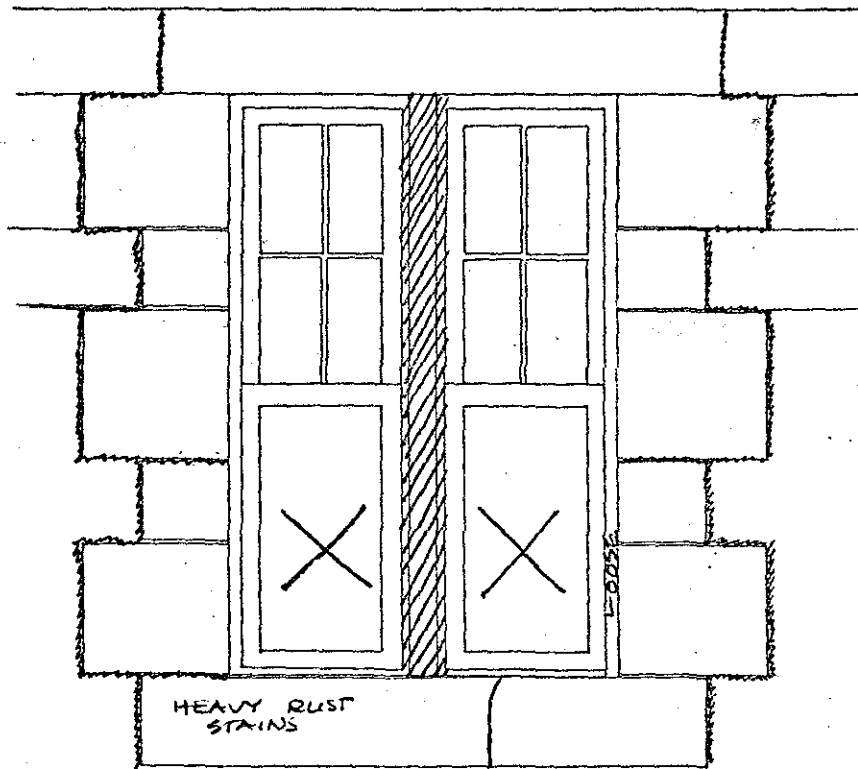
RUST & COPPER STAINS

LEFT SASH WON'T OPEN

GRILL

SCREENS ON LOWER SASH - FAIR CONDITION

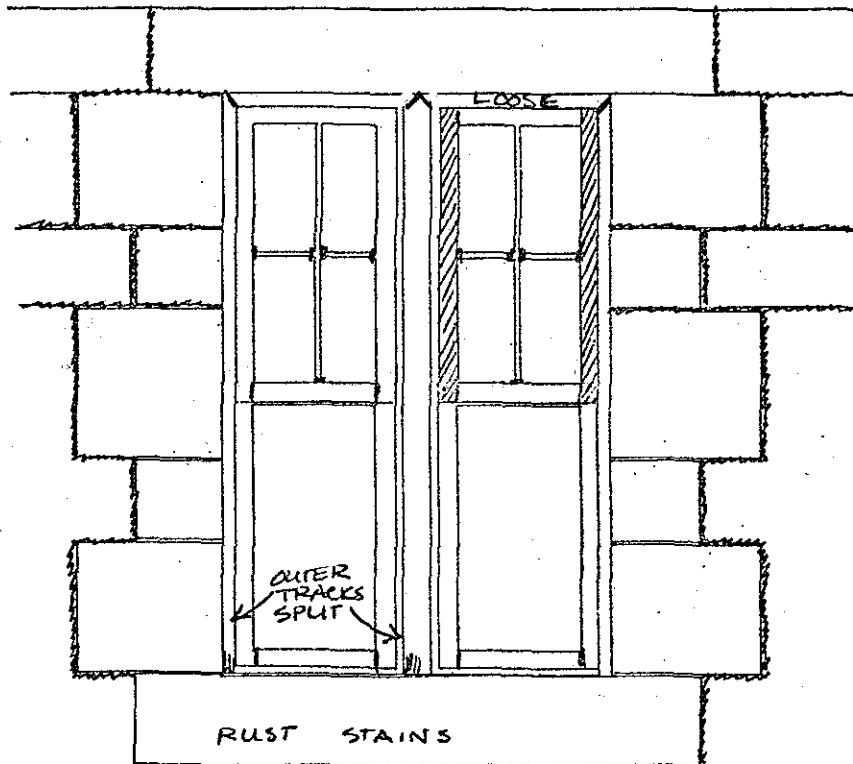
U THIRD FLOOR, WEST COURTYARD (10)	NUMBER NWL-303	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EHRENKRANZ GROUP 19 West 44th Street, New York NY 10036	



- INTERIOR:
- GAPS BETWEEN INNER STOPS & TRACKS ON LEFT (EAST) JAMB & CENTER BAR (1/2" WIDE)
 - ALL PARTING STOPS LOOSE

GRILL
SCREENS ON LOWER SASH - POOR CONDITION

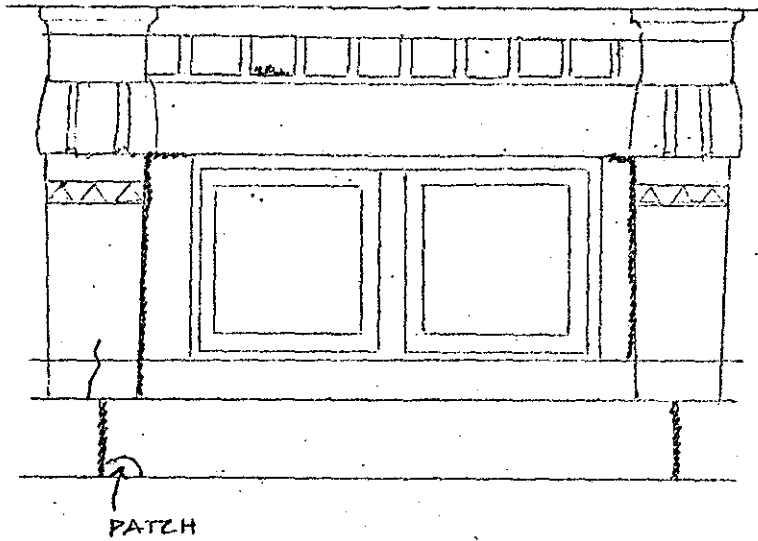
U THIRD FLOOR, WEST COURTS (12)	NUMBER NWL-304	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE FIRENBERG GROUP 19 West 44th Street, New York NY 10036	



INTERIOR: • RIGHT (WEST) WINDOW, INNER TRACKS SPLIT
 • ALL PARTING STOPS LOOSE

GRILL
 METAL TRACKS, NO SCREENS

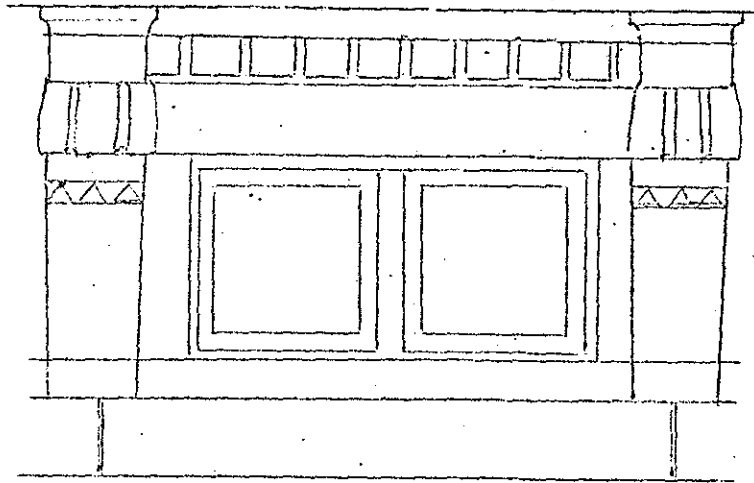
U THIRD FLOOR, WEST COURTS (12)	NUMBER NWL-305	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EIRENKRWITZ GROUP 19 West 44th Street, New York NY 10036	



NOT ACCESSIBLE

GRILL

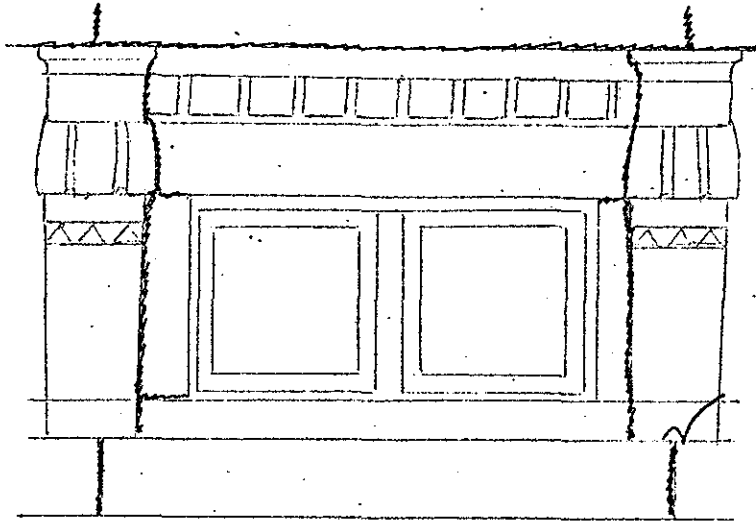
THIRD FLOOR TOWER (V)	NUMBER NET-301	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE FIRMANNITZ GROUP 19 West 44th Street, New York NY 10035	



INTERIOR: • SASH & SURROUND APPEARS TO BE
IN GOOD CONDITION
• LINTEL EXPOSED & RUSTED

BLOCKED BY WING

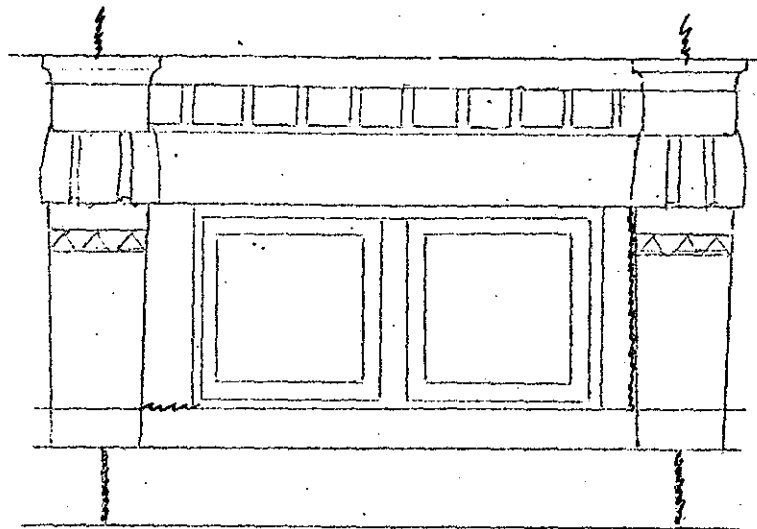
V THIRD FLOOR, TOWER (10)	NUMBER NET- 302	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE FIRENBERG GROUP 19 West 46th Street, New York NY 10036	



INTERIOR TRIM APPEARS TO BE GOOD.

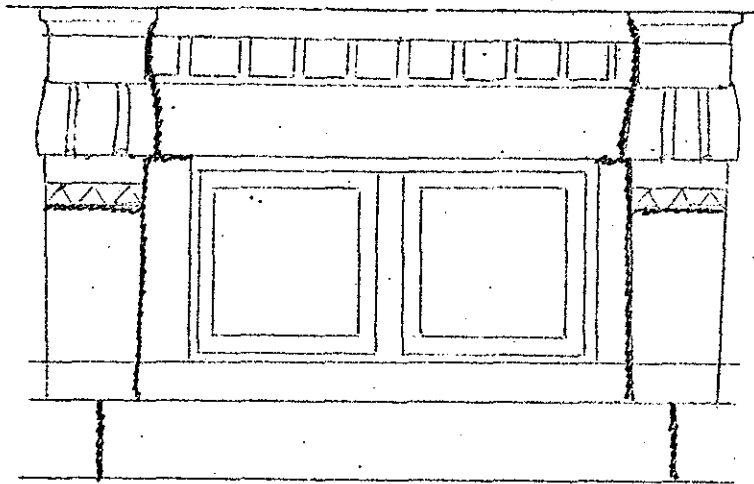
GRILL

V THIRD FLOOR, TOWER (10)	NUMBER NET- 303	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE FLECKENWITZ GROUP 19 West 46th Street, New York NY 10036	



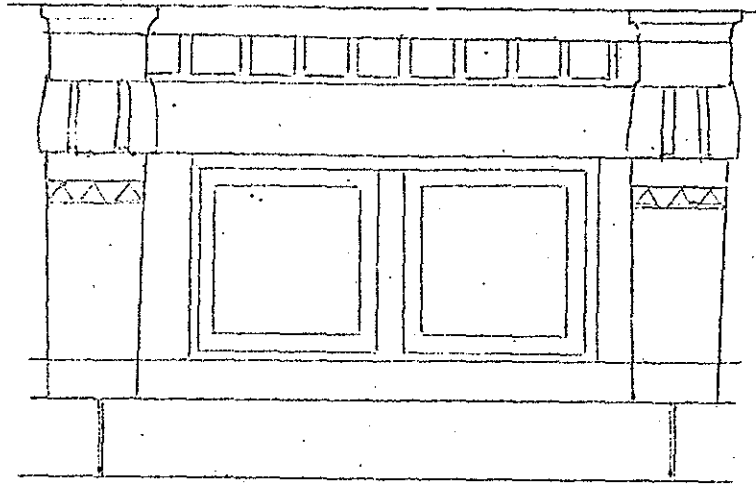
GRILL

✓ THIRD FLOOR, TOWER (10)	NUMBER SET - 301	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE BRENNENZ GROUP 19 East 44th Street, New York NY 10016	



GRILL

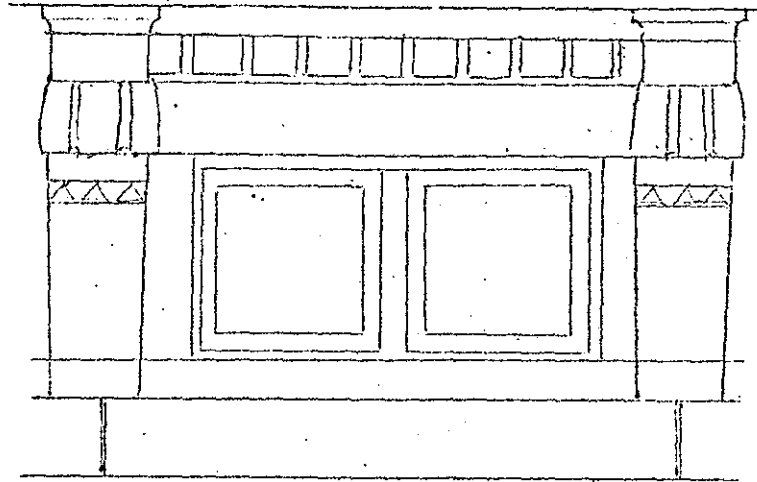
V THIRD FLOOR, TOWER (12)	NUMBER: SET-302	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSTRUCTION TECHNOLOGY THE BERENSONITZ GROUP 19 West 44th Street, New York NY 10036	



INTERIOR: LINTEL EXPOSED X RUSTY

BLOCKED BY WING

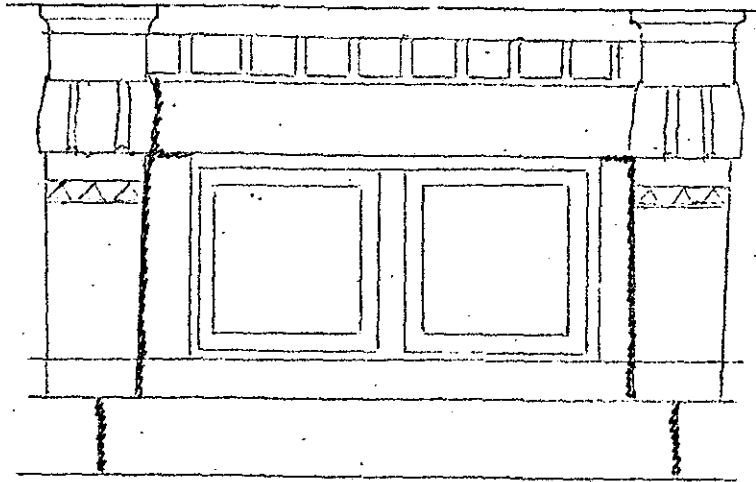
V THIRD FLOOR, TOWER (16)	NUMBER SET-303	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE BIRNBAUM GROUP 19 West 44th Street, New York NY 10036	



INTERIOR: TRIM APPEARS TO BE IN GOOD
CONDITION

BLOCKED BY THIRD FLOOR WING

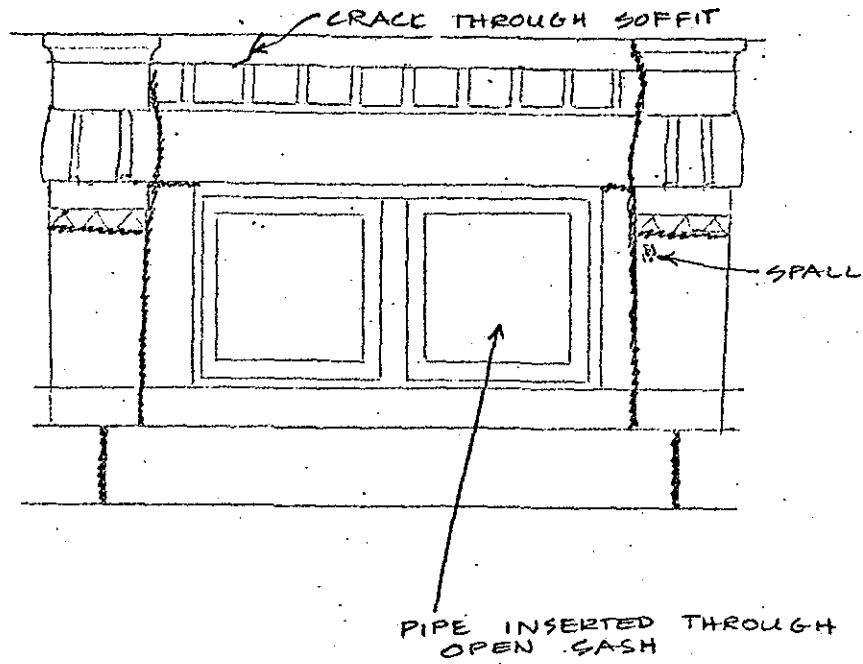
V THIRD FLOOR TOWER (10)	NUMBER SWT-301	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING ORIGINATOR TECHNOLOGY THE BRENNENZ GROUP 19 West 44th Street, New York NY 10036	



INTERIOR: TRIM APPEARS O.K.

GRILL-HOLE CUT THROUGH RIGHT (EAST) SIDE

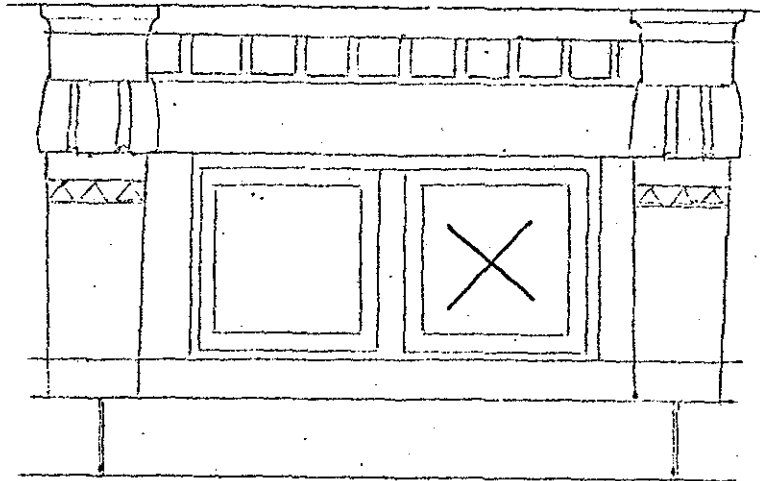
V THIRD FLOOR TOWER (12)	NUMBER SWT-302	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE BRENNERTZ GROUP 19 West 44th Street, New York NY 10016	



INTERIOR: • LINTEL EXPOSED
 • INNER TRIM LOOKS GOOD, SOME JOINTS OPEN

GRILL

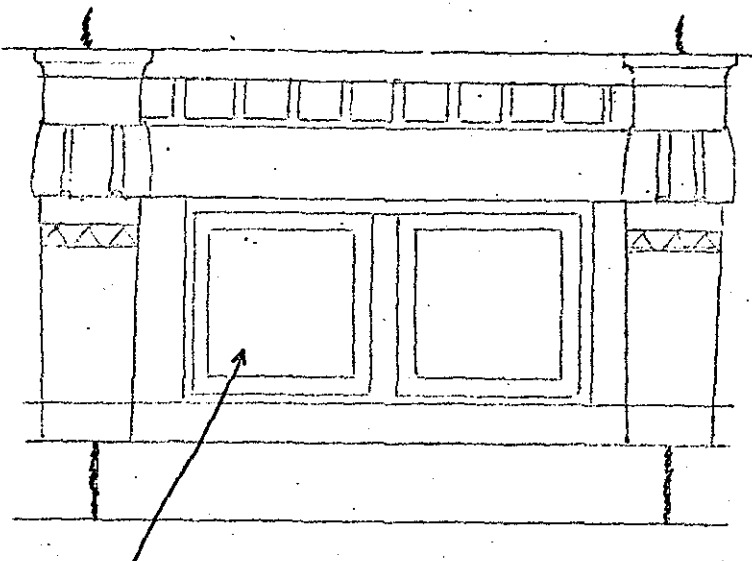
V THIRD FLOOR, TOWER (12)	NUMBER SWT-303	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE BERENSON GROUP 19 West 45th Street, New York NY 10036	



INTERIOR: • LINTEL RUSTY
 • FRAMING APPEARS TO BE IN GOOD CONDITION

BLOCKED BY WING

V THIRD FLOOR, TOWER (10)	NUMBER NWT-301	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSTRUCTION TECHNOLOGY THE BRENNENWITZ GROUP 19 West 44th Street, New York NY 10016	

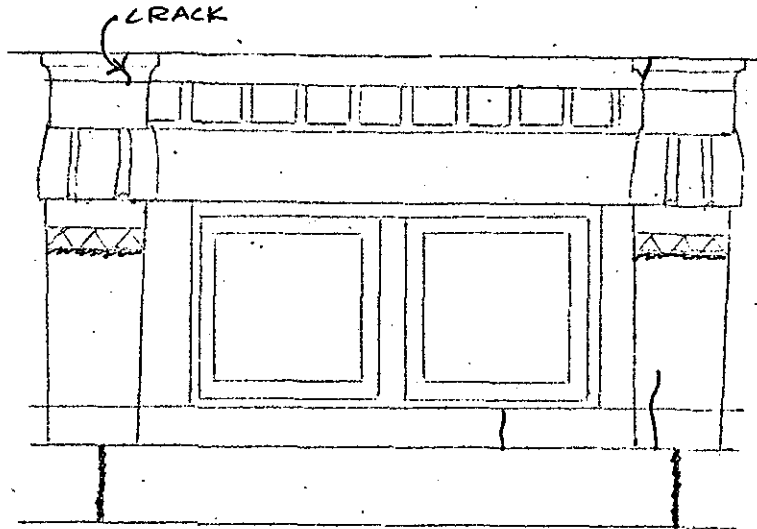


PIPE INSERTED THRU
WINDOW - SASH OPEN

INTERIOR: • LINTEL & NORTH SIDE OF JAMB EXPOSED
• INNER STOP MOULDINGS LOOSE

GRILL - HOLE CUT IN MIDDLE OF GRILL

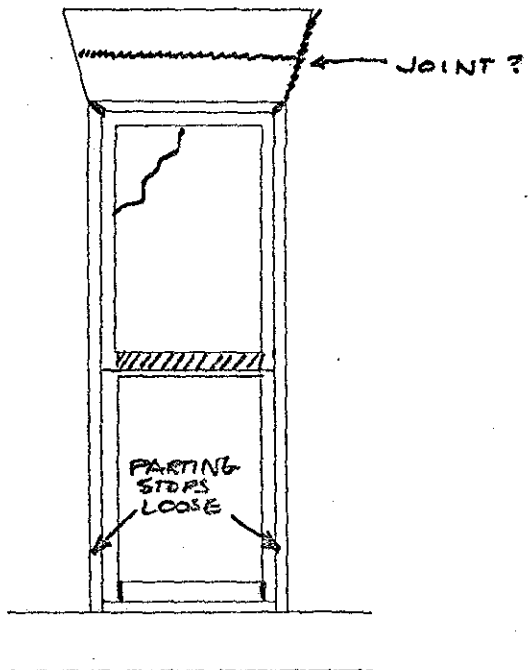
V THIRD FLOOR, TOWER 2 (10)	NUMBER NWT- 302	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE HENNINGSEN GROUP 19 West 44th Street, New York NY 10036	



INTERIOR: TRIM APPEARS TO BE IN GOOD CONDITION

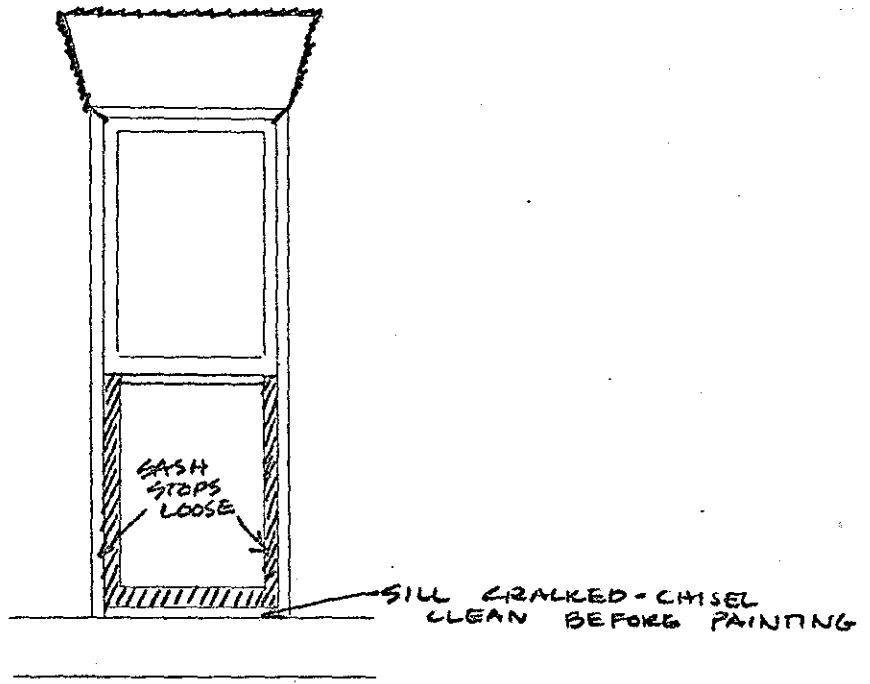
GRILL

V THIRD FLOOR TOWER (10)	NUMBER NWT-303	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE FISHERMAN GROUP 19 West 44th Street, New York NY 10016	



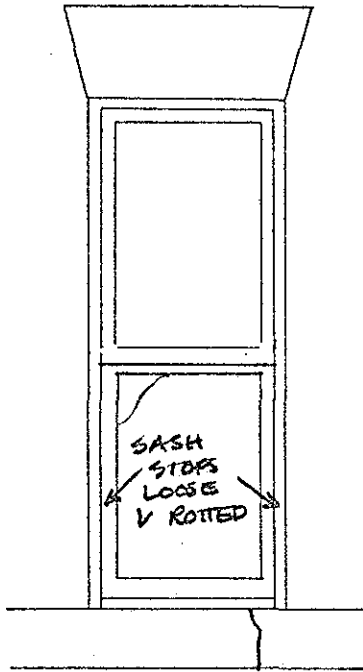
GRILL
 SCREEN OVER LOWER SASH - POOR CONDITION

W BATHROOM NEXT TO TOWER, THIRD FLOOR (4)	NUMBER N 306	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE EISENBERG GROUP 19 West 44th Street, New York NY 10036	DWG NO.



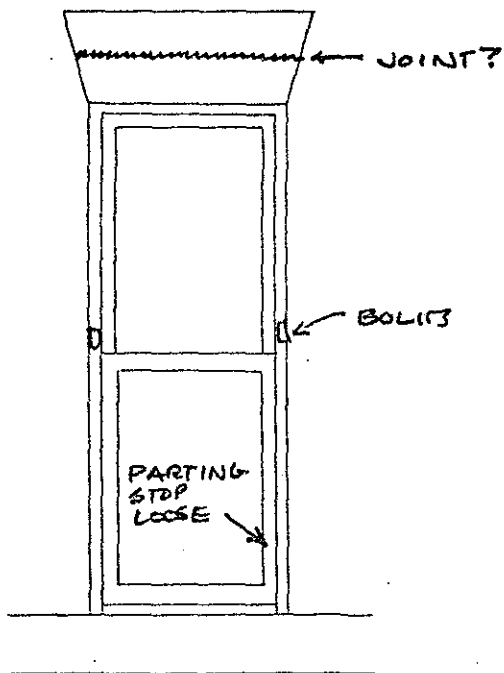
GRILL
 SCREEN OVER LOWER SASH - GOOD CONDITION

W BATHROOM NEXT TO TOWER, THIRD FLOOR (4)	NUMBER N 322	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EHRENKRANTZ GROUP 19 West 44th Street, New York NY 10036	DWG NO.



GRILL
METAL TRACKS BUT NO SCREEN

W/ BATHROOM NEXT TO TOWER, THIRD FLOOR (4)	NUMBER S 306	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE DIBENGRANTZ GROUP 19 West 44th Street, New York NY 10036	DWG NO.



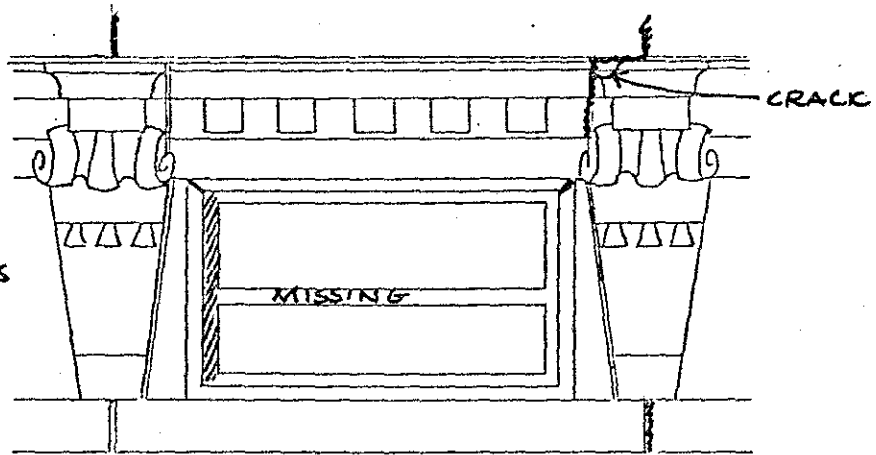
WINDOW OPERATES SMOOTHLY

GRILL

SCREEN OVER LOWER SASH - POOR CONDITION

W BATHROOM NEXT TO TOWER, THIRD FLOOR (4)	NUMBER 5322	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE BERENSON GROUP 19 West 44th Street, New York NY 10036	DWG NO.

REPOINT
BRICK,
BOTH SIDES

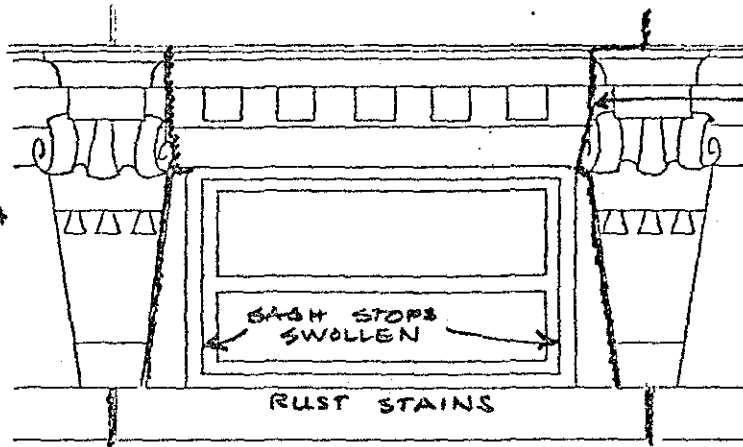


INTERIOR: MLDG ON RIGHT (WEST) JAMB SPLIT

GRILL
NO SCREENS

X THIRD FLOOR	NUMBER N 307	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE BERENSON GROUP 29 West 44th Street, New York NY 10036	

REPOINT
BRICK, BOTH
SIDES



CRACK & PATCH

SASH STOPS
SWOLLEN

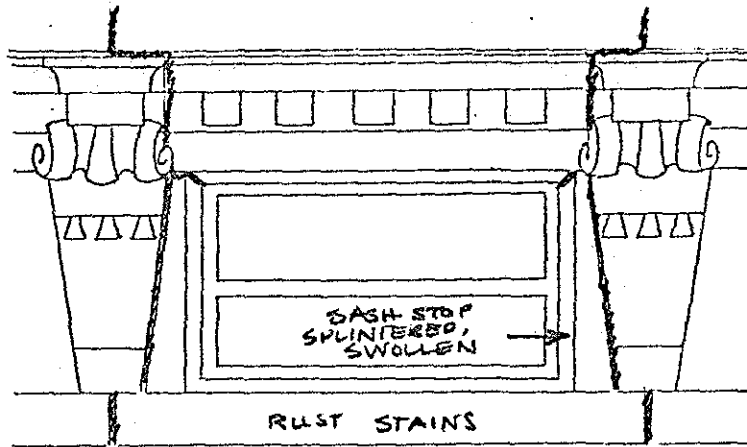
RUST STAINS

- INTERIOR:
- WINDOW WON'T OPEN
 - MLDS FRAMING OPENING LOOSE
 - MLDG AT BOTTOM OF SILL ROTTED

GRILL

NO SCREENS

X THIRD FLOOR	NUMBER N 308	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE DIPERTANTZ GROUP 19 West 44th Street, New York NY 10036	

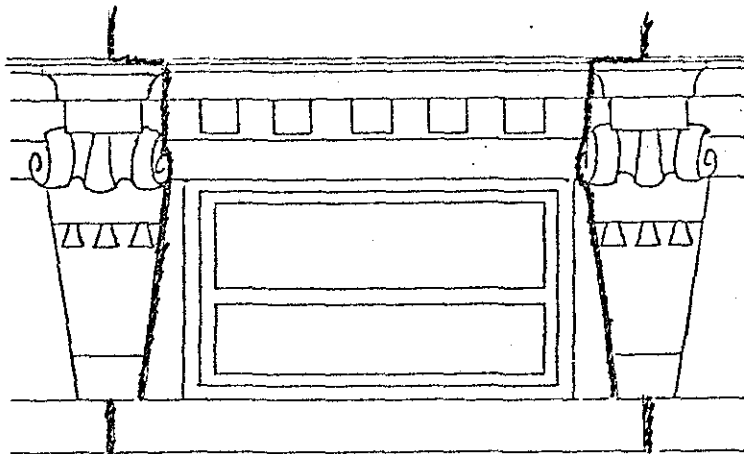


- INTERIOR:
- LINTEL EXPOSED & RUSTY
 - OUTER EDGE OF BOTH SIDE RAILS CUT AWAY 4" FROM BOTTOM
 - WILL NOT CLOSE COMPLETELY

GRILL

2 SCREENS; LOWER ONE HAS FALLEN OFF

X THIRD FLOOR	NUMBER N 309	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE DEFRANZ GROUP 19 West 44th Street, New York NY 10036	

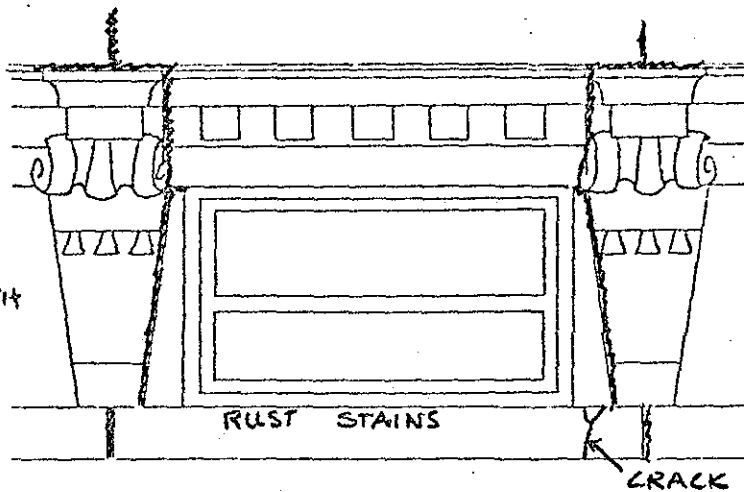


- INTERIOR:
- LINTEL EXPOSED & RUSTY
 - WINDOW WILL NOT OPEN
 - ALL MLDGS FRAMING OPENING LOOSE
 - CENTER BAR MISSING

GRILL
2 SCREENS, FAIR CONDITION

X THIRD FLOOR	NUMBER N 310	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE BRONFMAN GROUP 19 West 44th Street, New York NY 10036	

REPOINT
BRICK BOTH
SIDES



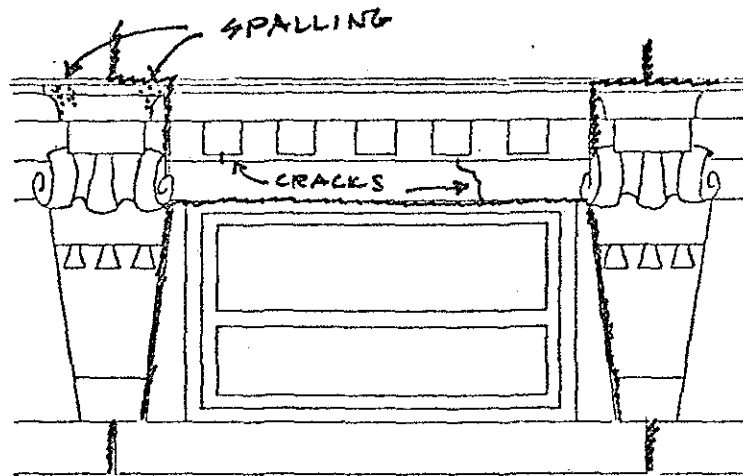
INTERIOR: - LINTEL EXPOSED & RUSTY
- MLDGS AT BOTTOM OF SILL LOOSE
- WILL NOT CLOSE TIGHT

GRILL - RUSTY

2 SCREENS - FAIR CONDITION

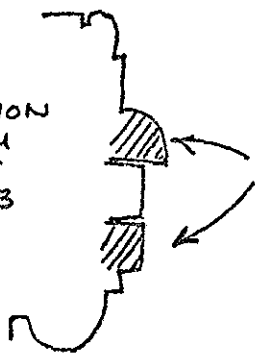
X THIRD FLOOR	NUMBER N 311	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE BERENSON GROUP 19 West 44th Street, New York NY 10036	

REPOINT
BRICK
BOTH SIDES



- INTERIOR:
- LINTEL EXPOSED & RUSTY
 - WILL NOT CLOSE - HEAD SAGGING?
 - REPLACE LOWER SASH STOP ON JAMBS & SILL

SECTION
THRU
LEFT
JAMB

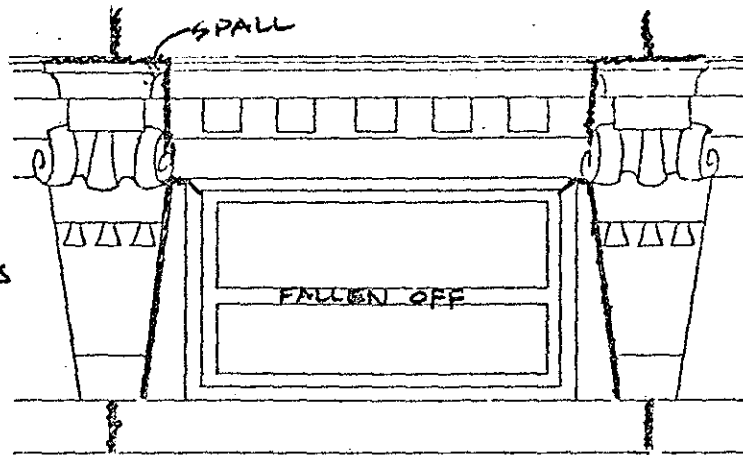


REPLACE

GRILL
UPPER SCREEN ONLY

<p>X THIRD FLOOR</p>	<p>NUMBER N 312</p>	<p>CLASS 2</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York</p>	<p>BUILDING OBSERVATION TECHNOLOGY THE EPENBERG GROUP 19 West 44th Street, New York NY 10036</p>	

REPOINT
BRICK
BOTH SIDES

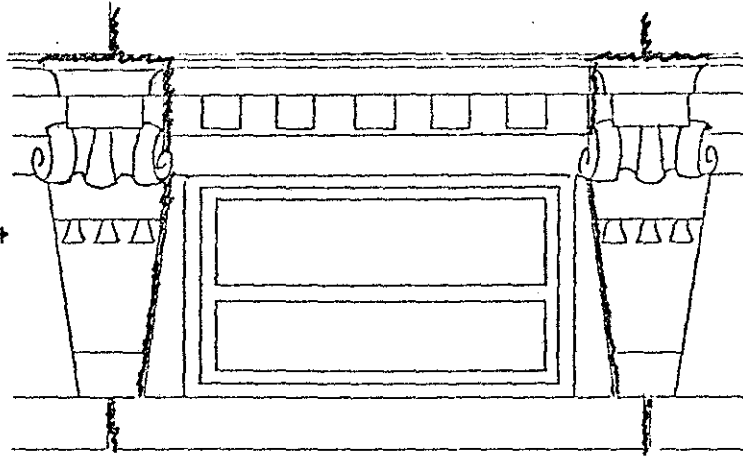


INTERIOR: • LINTEL EXPOSED & RUSTY
• WILL NOT CLOSE

GRILL
2 SCREENS - FAIR CONDITION

X THIRD FLOOR	NUMBER N 313	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EFFERBRANTZ GROUP 19 West 44th Street, New York NY 10036	

REPOINT
BRICK BOTH
SIDES

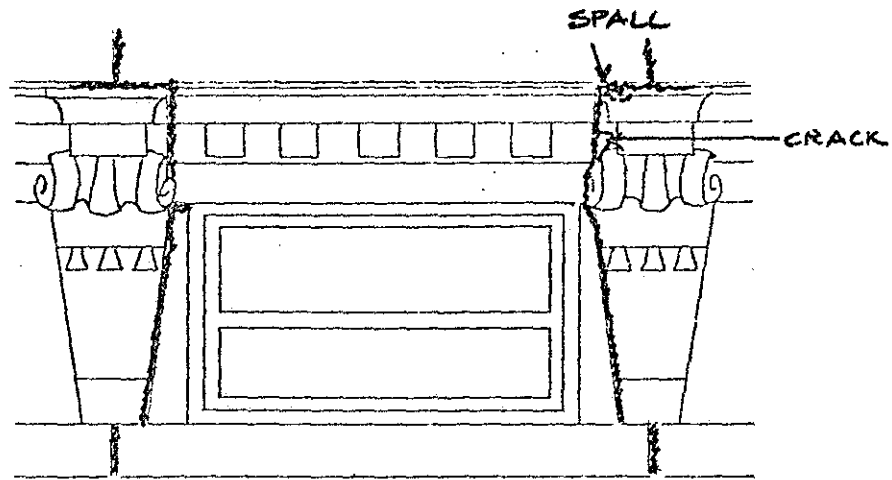


- INTERIOR:
- LINTEL EXPOSED & RUSTY
 - ALL MLDGS FRAMING SURROUND ARE LOOSE
 - 1" ROT ON BOTTOM OF LEFT (EAST) JAMB - REPLACE
 - WON'T CLOSE COMPLETELY

GRILL

2 SCREENS - POOR CONDITION

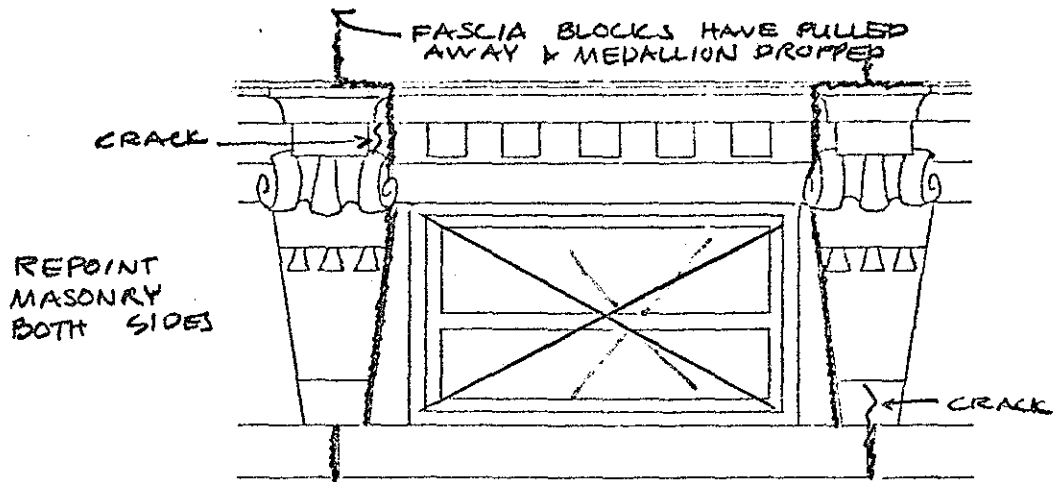
X THIRD FLOOR	NUMBER N 314	CLASS P
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE DIFFERANTZ GROUP 19 West 44th Street, New York NY 10036	



- INTERIOR:
- LINTEL EXPOSED & RUSTY
 - 1/2" ROT ACROSS BOTTOM OF SILL - REPLACE
 - MLDGS AT TOP OF SURROUND LOOSE

GRILL
 2 SCREENS - OFF TRACKS

X THIRD FLOOR	NUMBER N 315	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE EXPERIMENTAL GROUP 19 West 44th Street, New York NY 10036	

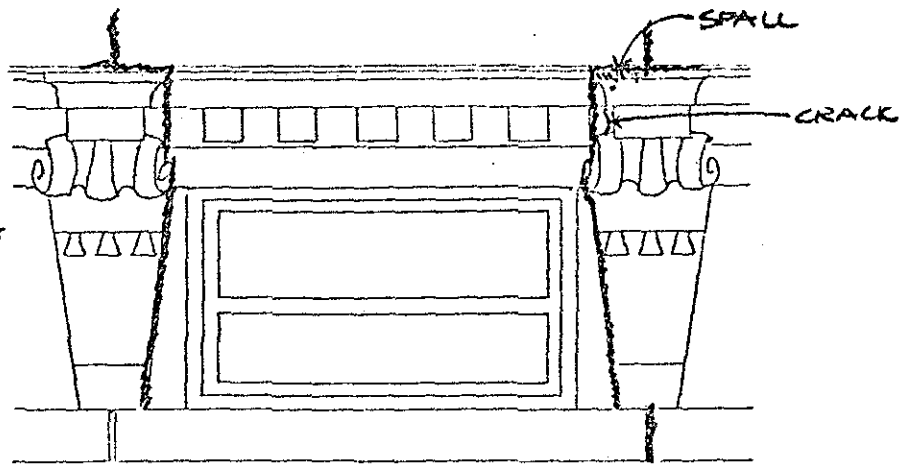


BOARDED UP

GRILL
SCREENS MISSING

X THIRD FLOOR	NUMBER N 316	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE BERSHANSKY GROUP 19 West 44th Street, New York NY 10036	

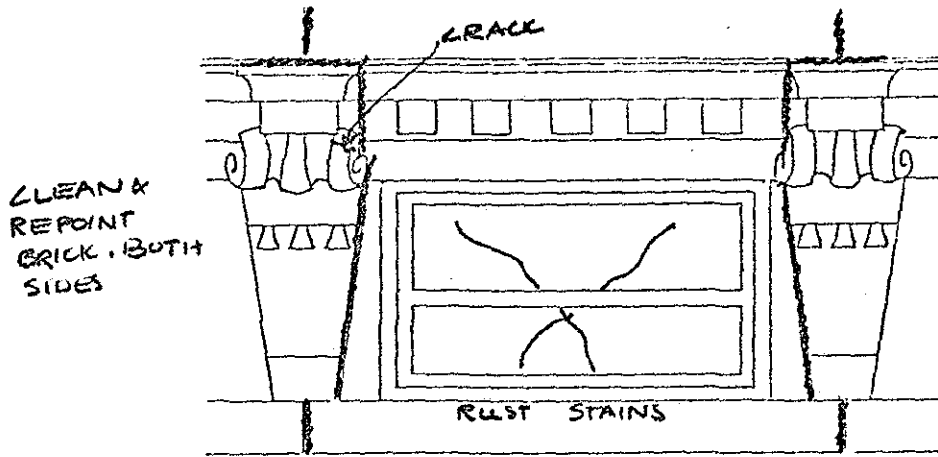
REPOINT
BRICK, BOTH
SIDES



INTERIOR: - LINTEL EXPOSED & RUSTY
- WINDOW WILL NOT OPEN

GRILL
& SCREENS - FAIR CONDITION

X THIRD FLOOR	NUMBER N 317	CLASS I
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE DEBRASANTZ GROUP 19 West 44th Street, New York NY 10036	

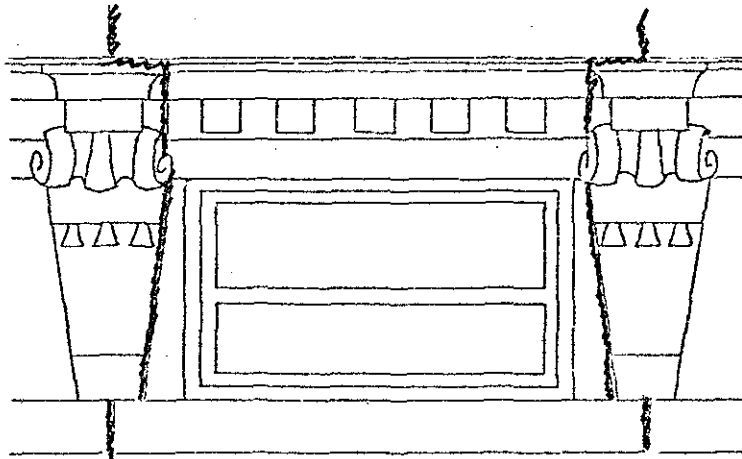


INTERIOR: -MLDGS FRAMING OPENING LOOSE
 - LINTEL EXPOSED & RUSTY

GRILL
 2 SCREENS - POOR CONDITION

X THIRD FLOOR	NUMBER N 318	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE DEFGANTZ GROUP 19 East 44th Street, New York NY 10036	

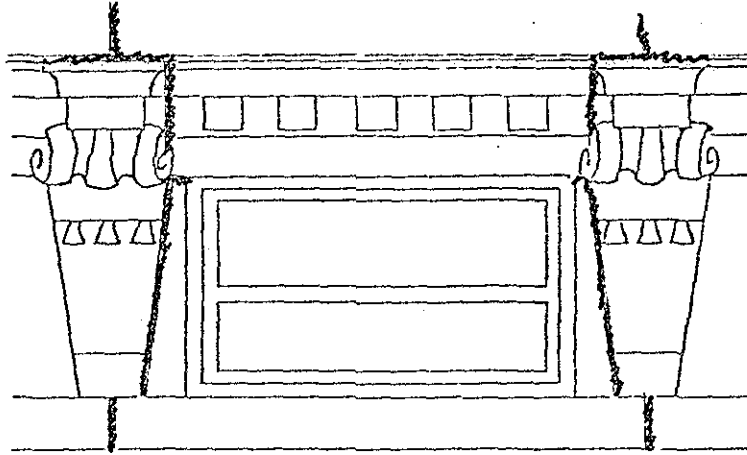
REPOINT
BRICK, BOTH
SIDES



INTERIOR: • LINTEL EXPOSED & RUSTY
• MLDG FRAMING OPENING HAS SAGGED
ON HEAD

GRILL
NO SCREENS

X THIRD FLOOR	NUMBER N 319	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE BERENJANTZ GROUP 19 West 44th Street, New York NY 10036	

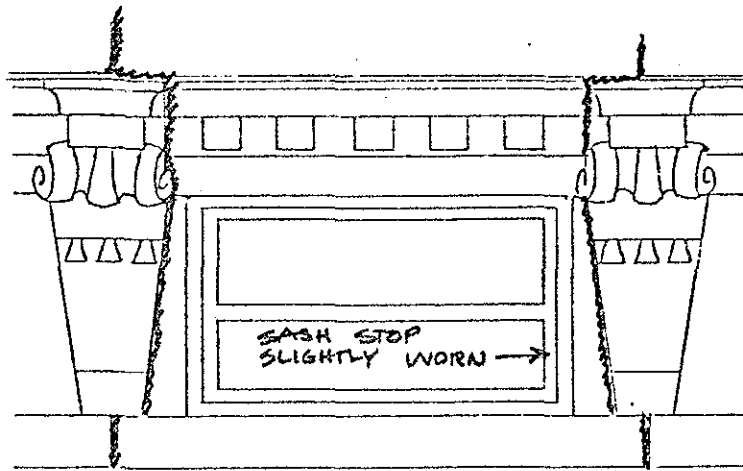


INTERIOR: TOP & EDGE OF LINTEL

GRILL

NO SCREENS

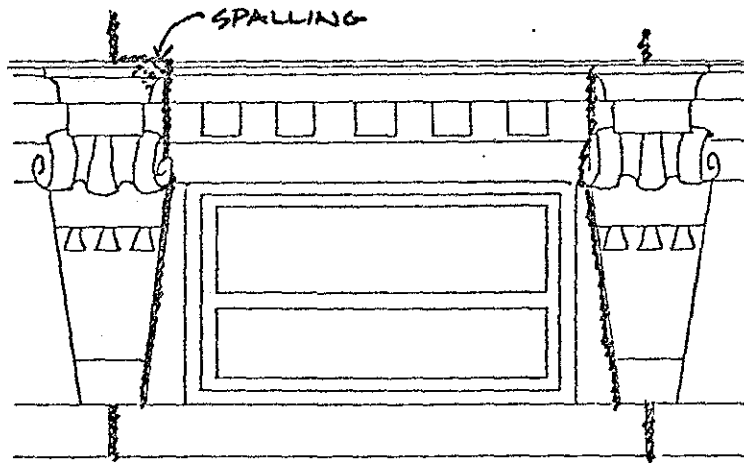
X THIRD FLOOR	NUMBER N 320	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE DIRIGRANTZ GROUP 19 West 44th Street, New York NY 10036	



INTERIOR: WON'T CLOSE COMPLETELY

GRILL
NO SCREENS

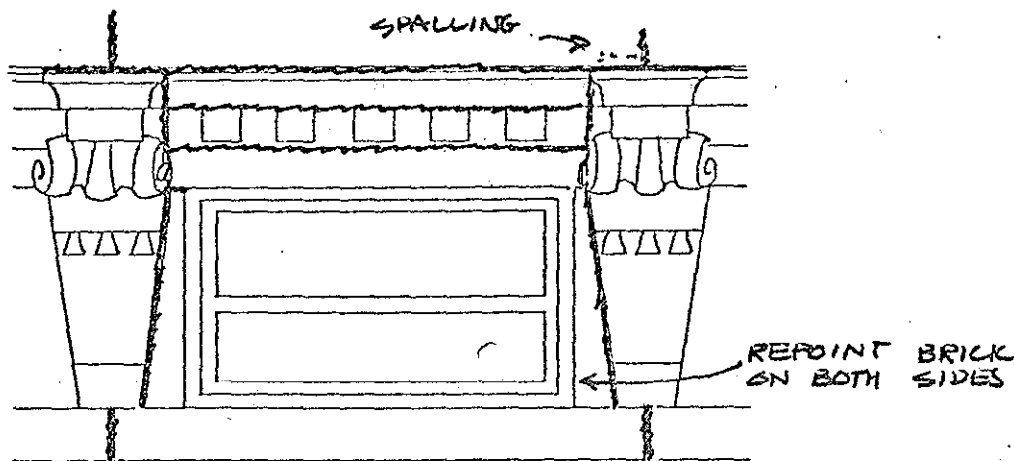
X THIRD FLOOR	NUMBER N 321	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE BERESKANTZ GROUP 19 West 44th Street, New York NY 10036	



INACCESSIBLE FROM INTERIOR

GRILL

X THIRD FLOOR	NUMBER S 307	CLASS ?
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE BERENSONT GROUP 19 West 44th Street, New York NY 10036	



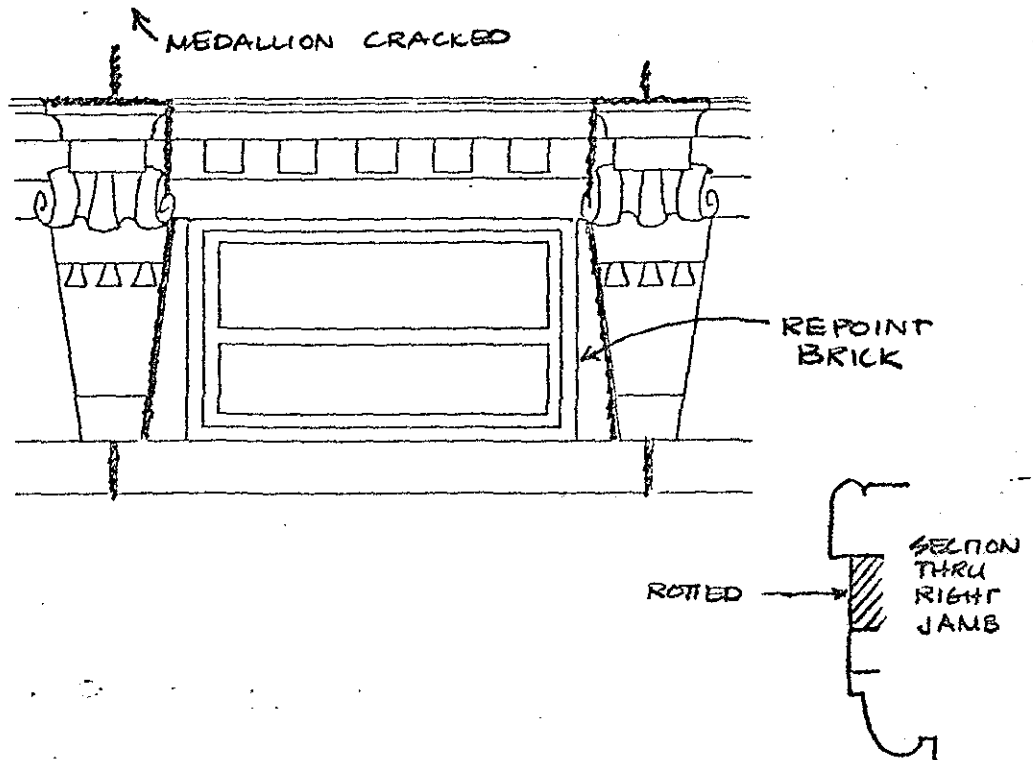
INTERIOR:

- MLOGS FRAMING SURROUND NOT ORIGINAL
- TOP & EDGE OF STEEL UNTEL EXPOSED
- DOES NOT CLOSE TIGHT

GRILL

2 SCREENS - FAIR CONDITION

X THIRD FLOOR	NUMBER S 308	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE DEGENERANTZ GROUP 19 West 44th Street, New York NY 10036	

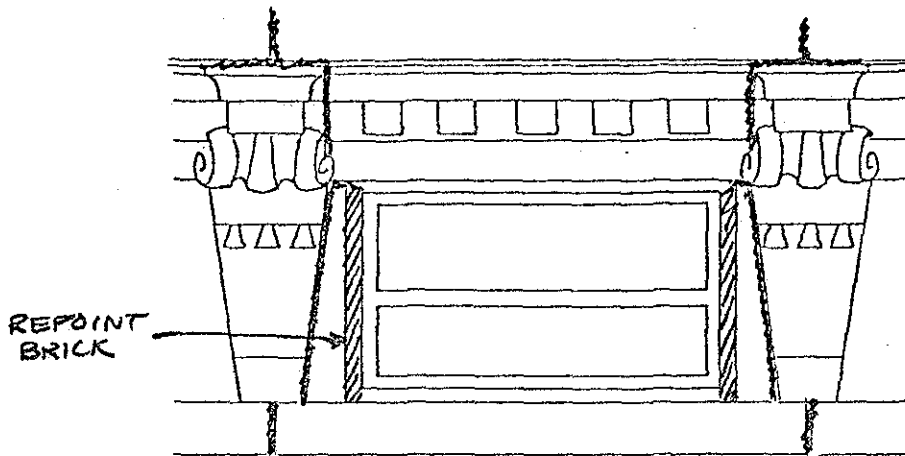


- INTERIOR:
- MLDGS FRAMING SURROUND NOT ORIGINAL
 - STEEL LINTEL EXPOSED & RUSTY
 - MLDG FRAMING OPENING & SILL FASCIA LOOSE IN LOWER LEFT (WEST) CORNER.
 - RIGHT RAIL SLIGHTLY WORN

GRILL

NO SCREENS.

X THIRD FLOOR	NUMBER 5309	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE BERENSON GROUP 19 West 64th Street, New York NY 10036	



- INTERIOR:
- LINTEL EXPOSED & RUSTY
 - SILL ROTTEN
 - LEFT JAMB ROTTEN
 - HEAD DAMP

GRILL

2 SCREENS - POOR CONDITION

X THIRD FLOOR

NUMBER

5310

CLASS

2

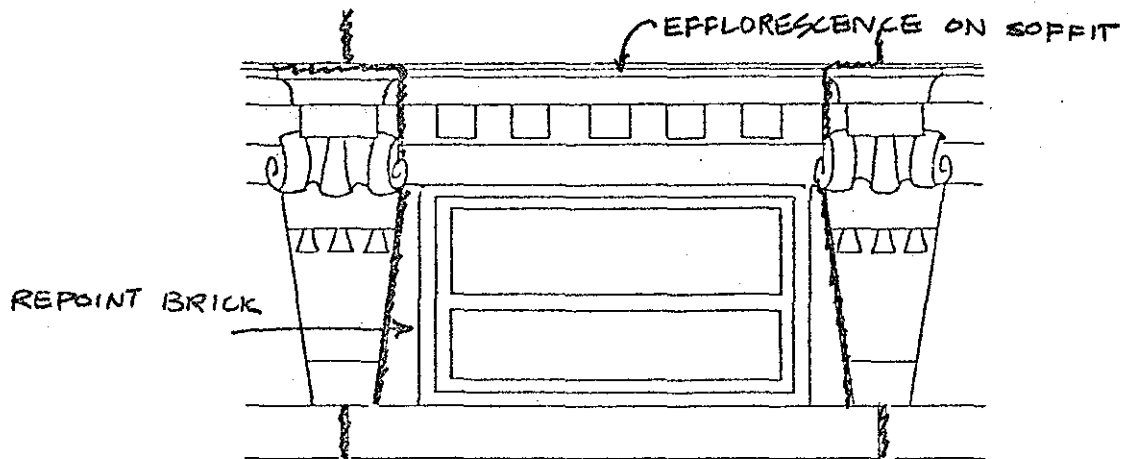
MECHANICAL AND ELECTRICAL REHABILITATION
 MAIN BUILDING
 ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY

THE DEFERRANTZ GROUP

Statue of Liberty National Monument, New York

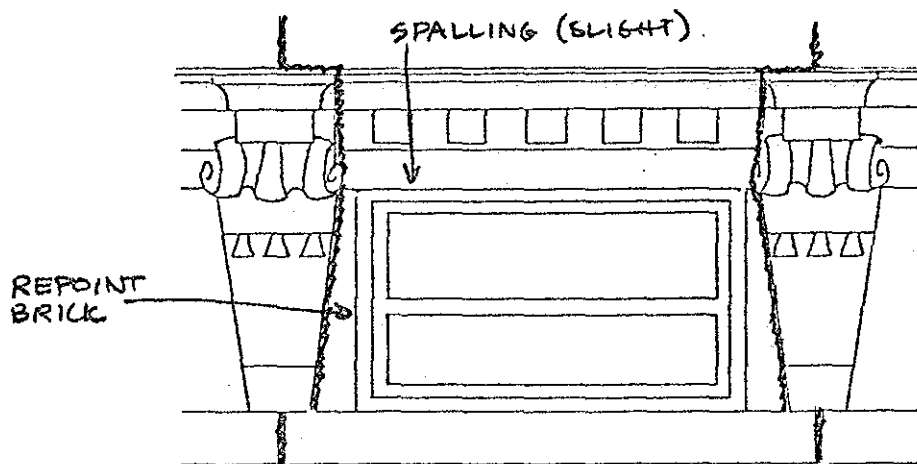
19 West 44th Street, New York NY 10036



- INTERIOR:
- LINTEL EXPOSED & RUSTY ON TOP
 - WILL NOT OPEN
 - MLOG AT BOTTOM OF SILL & FASCIA BEHIND IT ARE ROTTED
 - MLOGS FRAMING SURROUND NOT ORIGINAL
 - CROSS BAR MISSING

GRILL
2 SCREENS - POOR CONDITION

X THIRD FLOOR	NUMBER 5311	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE DIPRENTAZZ GROUP 19 West 44th Street, New York NY 10036	



- INTERIOR:
- OUTER EDGE OF LINTEL EXPOSED & RUSTED
 - WINDOW WILL NOT OPEN (CAN'T INSPECT SILL)
 - SILL FASCIA SPLIT, BOWED UP IN CENTER - ALSO MLOG BELOW IT - REPLACE

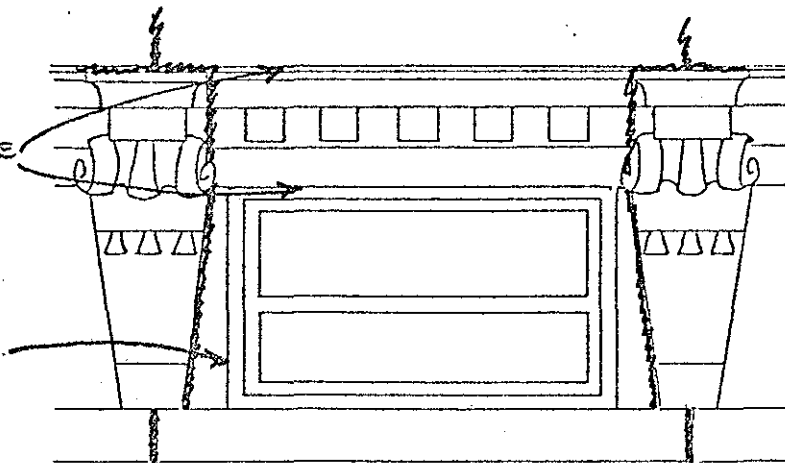
GRILL

2 SCREENS - POOR CONDITION

X THIRD FLOOR	NUMBER S 312	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE DEPRESSANTZ GROUP 19 West 44th Street, New York NY 10036	

EFFLORESCENCE
ON SOFFITS

REPOINT
BRICK



INTERIOR :

- LINTEL EXPOSED ON TOP & EDGE
- ALL JOINTS OPEN - WOOD APPEARS TO HAVE WET & DRIED
- WORKS WELL
- UNABLE TO SEE HEAD OR OUTER EDGE OF SILL

GRILL

2 SCREENS

X THIRD FLOOR

NUMBER

5313

CLASS

2

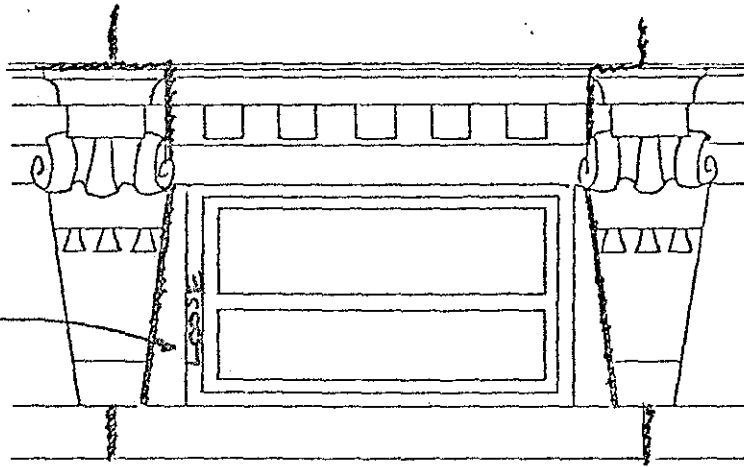
MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

BUILDING CONSERVATION TECHNOLOGY
THE DEPRESSWITZ GROUP

Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036

REPOINT &
REPAIR BRICK



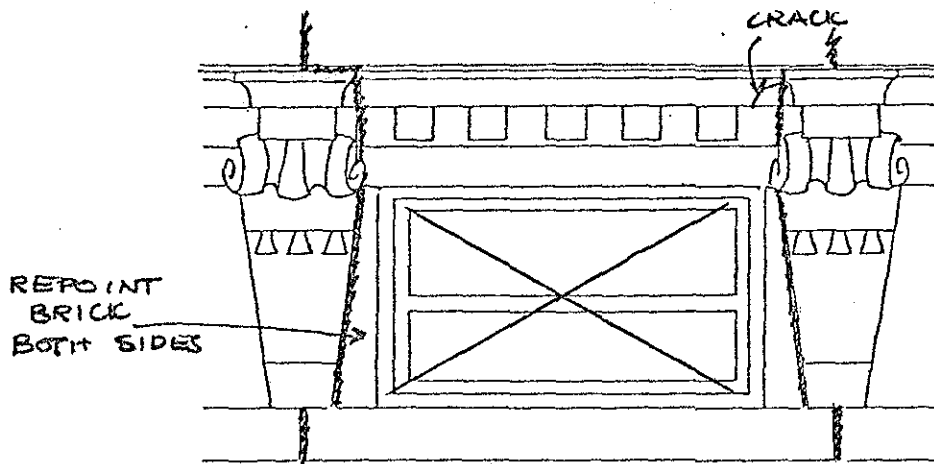
INTERIOR:

- LINTEL EXPOSED & RUSTY
- ALL JOINTS OPEN (AS MUCH AS 1/4") - APPEAR TO HAVE WET & DRIED
- FASCIA & MLDGS OF SILL LOOSE

GRILL

LOWER SCREEN ONLY

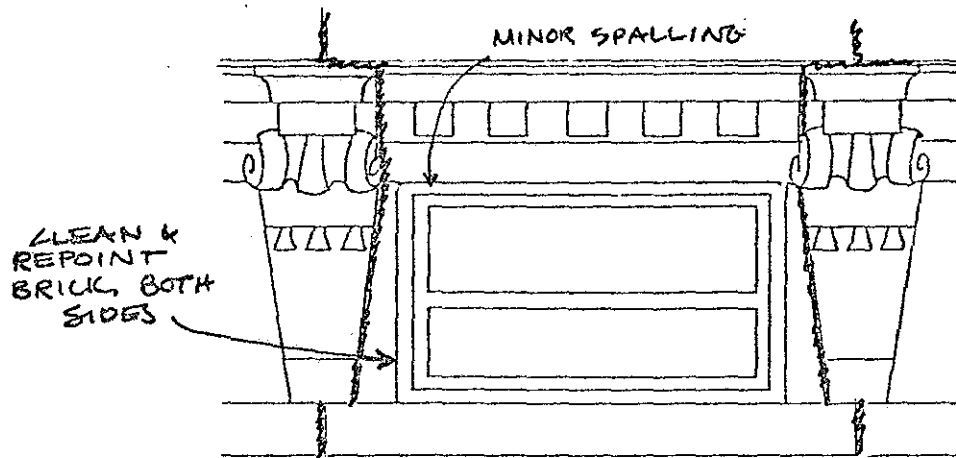
<p>X THIRD FLOOR</p>	<p>NUMBER 5314</p>	<p>CLASS 12</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York</p>	<p>BUILDING OBSERVATION: TECHNOLOGY THE BERENSON GROUP 19 West 44th Street, New York NY 10036</p>	



WINDOW BLOCICED WITH PLYWOOD; MUCH OF
 FRAME, INCL IRON CENTER BAR APPEARS
 TO BE IN PLACE. GLASS BROKEN.

GRILL

X THIRD FLOOR	NUMBER 5315	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE EPSTEIN GROUP 19 West 44th Street, New York NY 10036	

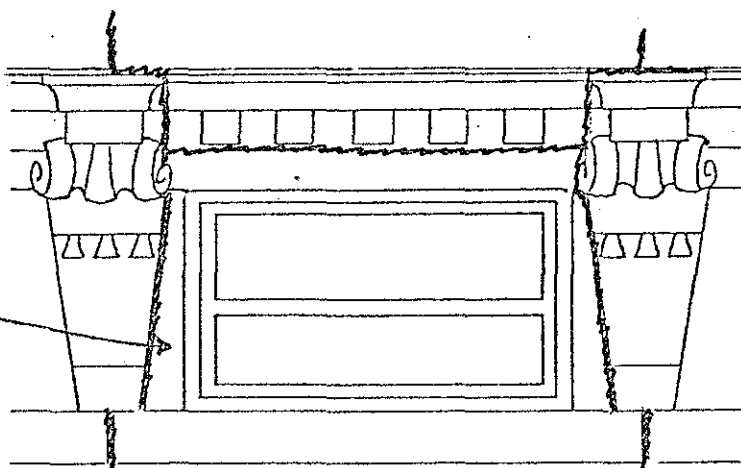


INTERIOR: • LINTEL EXPOSED & RUSTY
 • ALL JOINTS OPEN

GRILL
 SCREEN ON UPPER HALF ONLY

X THIRD FLOOR	NUMBER S 316	CLASS 12
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE DEEGANZ GROUP 19 West 44th Street, New York NY 10036	

REPOINT
BRICK BOTH
SIDES.



INTERIOR:

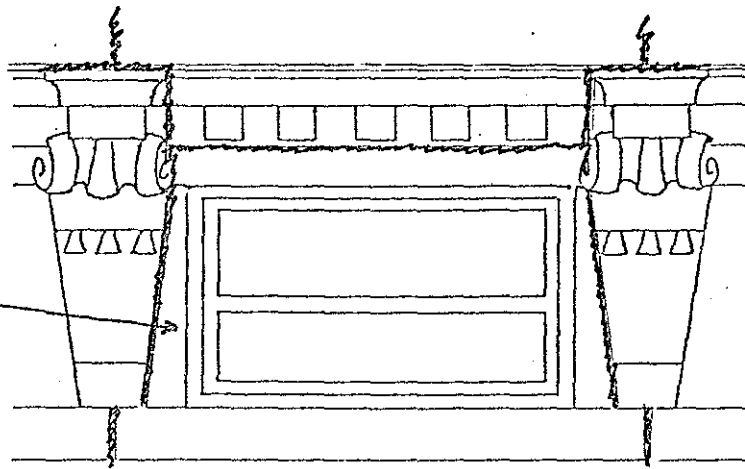
- LINTEL EXPOSED & RUSTY
- MLDG FRAMING SURROUND LOOSE & SPLINTERED IN LOWER LEFT (WEST) CORNER.

GRILL

2 SCREENS - FAIR CONDITION

X THIRD FLOOR	NUMBER 5317	CLASS 12
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE BERENSON GROUP 19 West 44th Street, New York NY 10036	

REPOINT
BRICK BOTH
SIDES

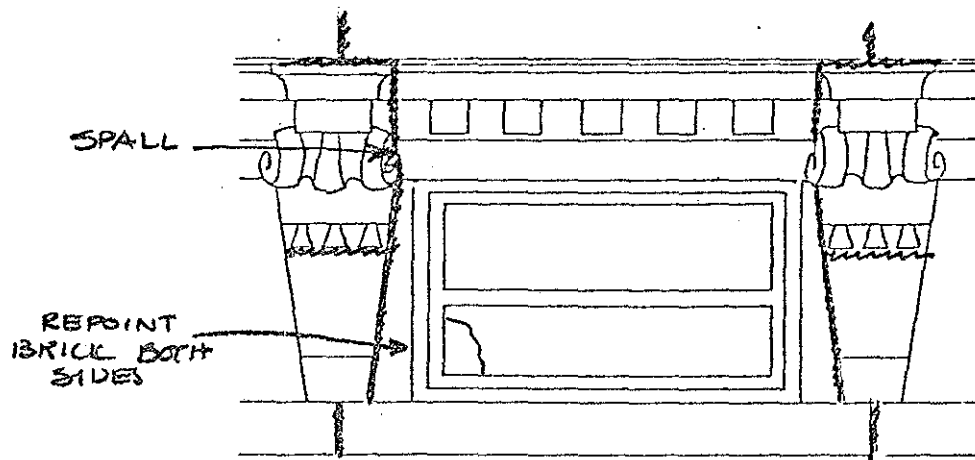


INTERIOR: • IRON LINTEL EXPOSED & RUSTED
• WON'T SHUT COMPLETELY

GRILL

2 SCREENS - UPPER HAS FALLEN OFF

X THIRD FLOOR	NUMBER S 318	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE BERENSONZ GROUP 19 West 44th Street, New York NY 10036	

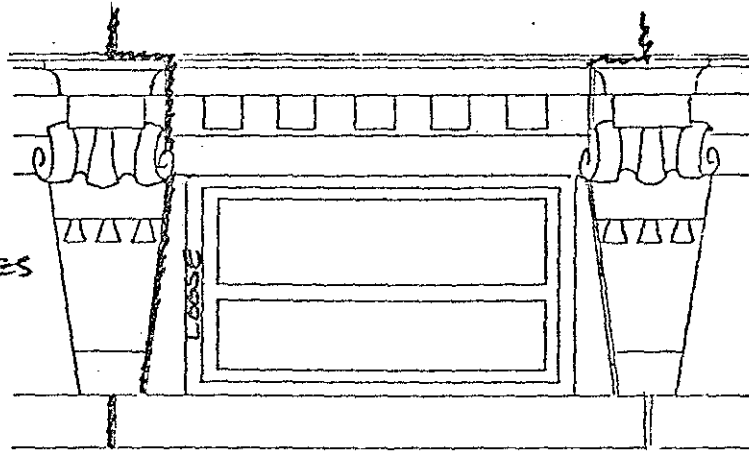


INTERIOR: . WINDOW WON'T OPEN
 . LINTEL EXPOSED & RUSTY

GRILL
 & SCREENS

X THIRD FLOOR	NUMBER S 319	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE BERENSON GROUP 19 West 44th Street, New York NY 10036	

REPOINT
BRICK
BOTH SIDES

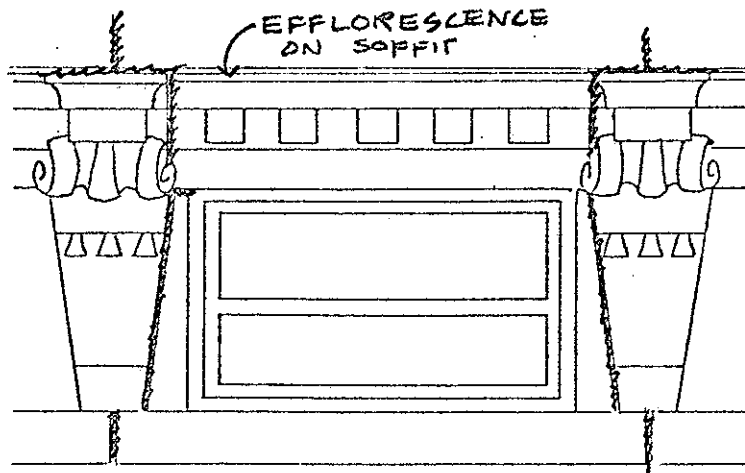


WINDOW WILL NOT OPEN

GRILL

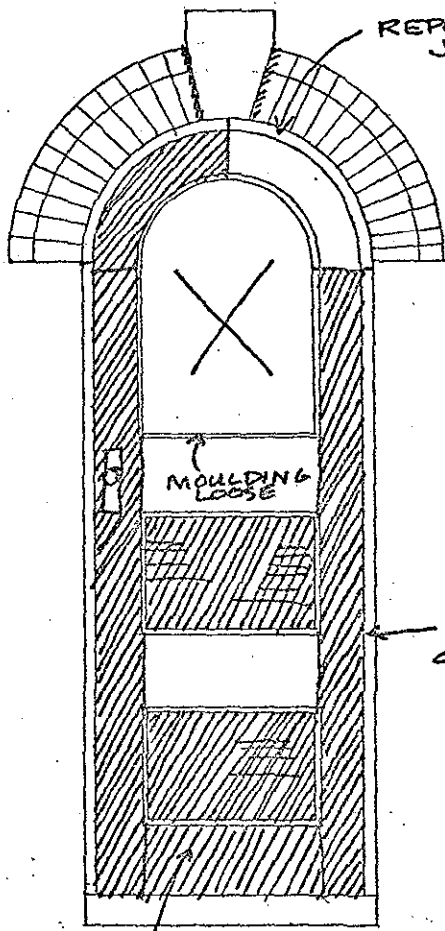
2 SCREENS - GOOD CONDITION

X THIRD FLOOR	NUMBER S 320	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE DEEGANTZ GROUP 19 West 44th Street, New York NY 10036	



GRILL
SCREEN ON UPPER HALF ONLY - POOR CONDITION

X THIRD FLOOR	NUMBER 5321	CLASS 1
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE BERKOWITZ GROUP 19 West 44th Street, New York NY 10036	



REPOINT ALL SOFFIT JOINTS

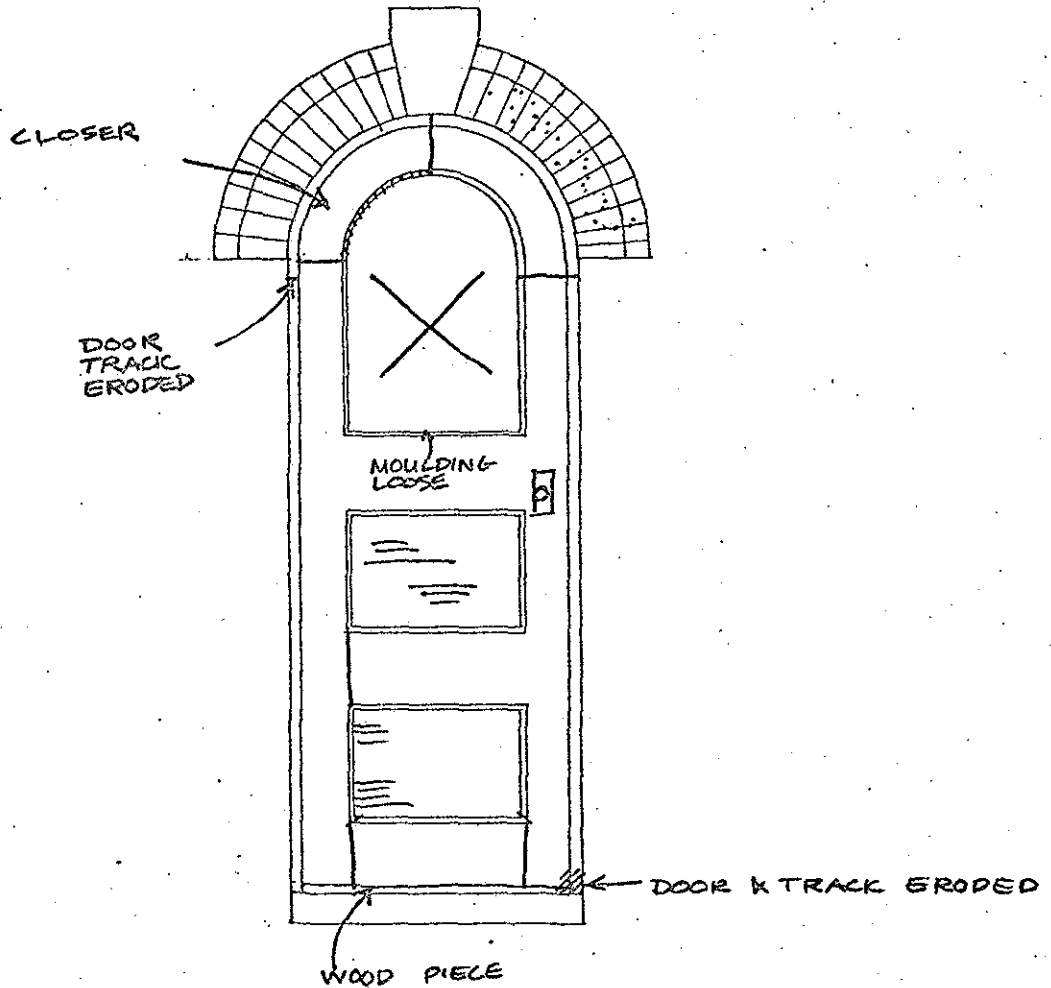
BRICK NEEDS REPOINTING

REPLACE DOOR TRACK ON BOTH SIDES & TOP

WOOD SPLIT

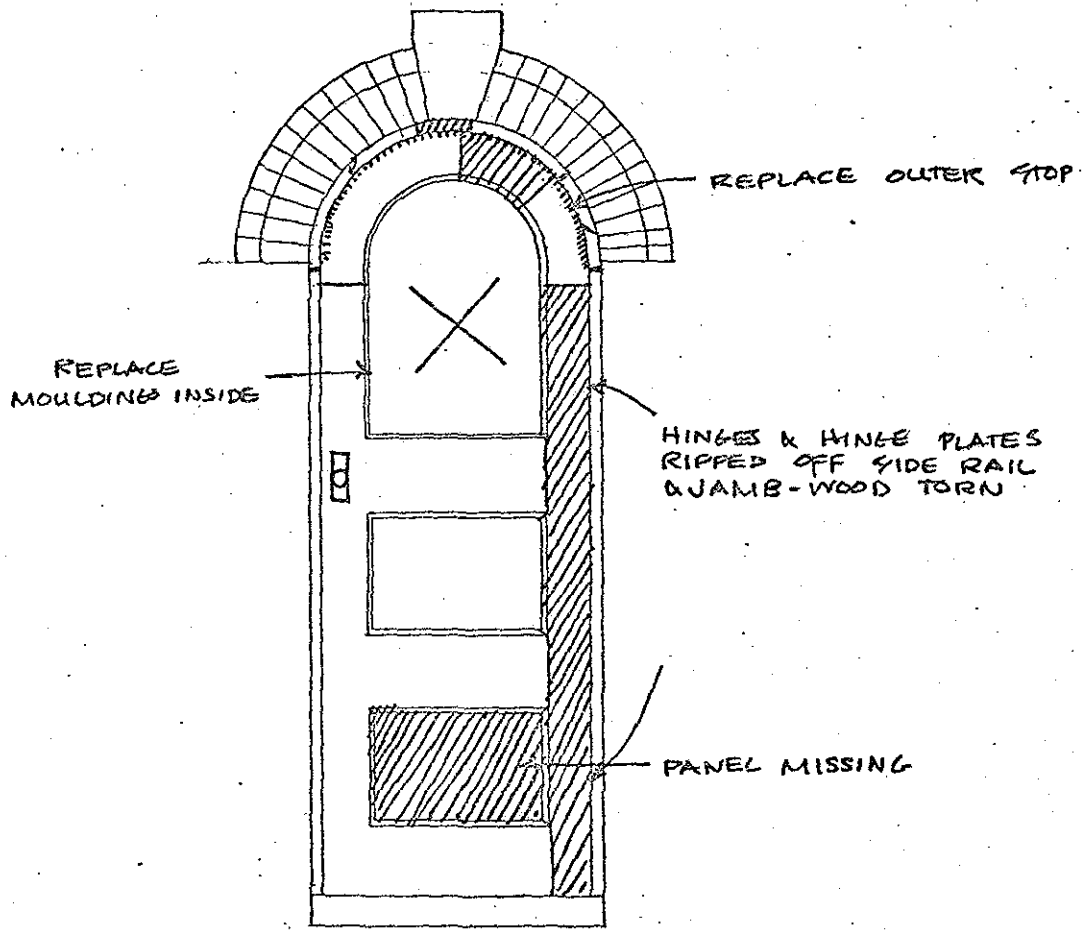
DOOR TAKEN OFF HINGES, STORED INSIDE TOWER

Y TOWER ROOF DOOR (4)	SCALE NET-402	DATE 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EINERKRANTZ GROUP 19 West 44th Street, New York NY 10036	DWG NO.



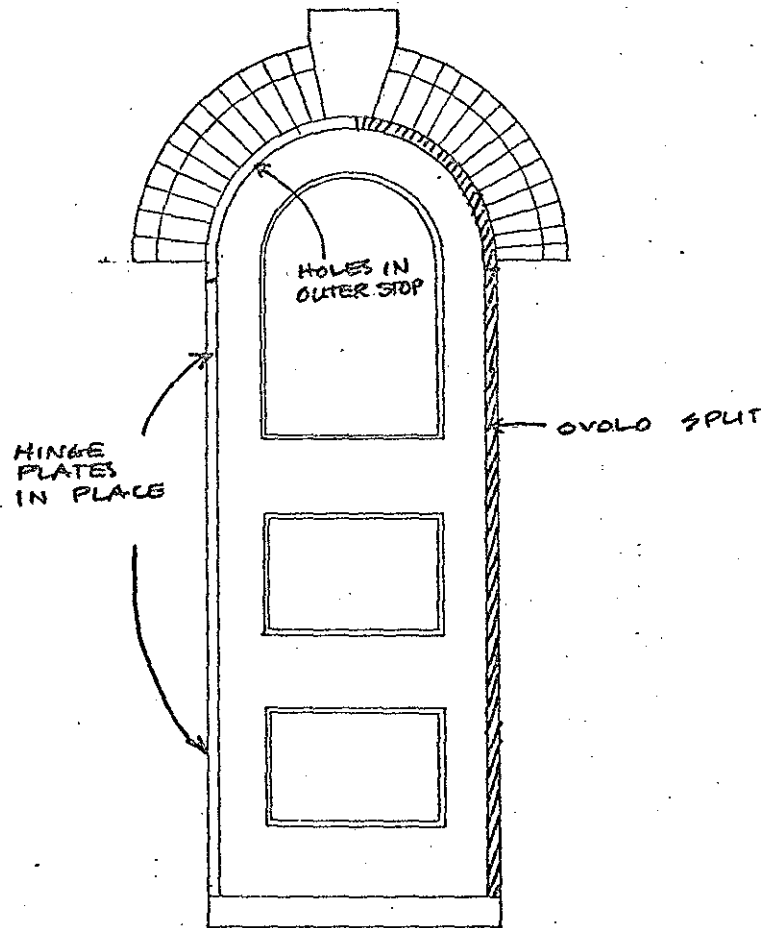
DOOR WILL NOT SHUT TIGHT - WOOD PIECE AT
 BOTTOM CATCHES ON SILL.

Y TOWER ROOF DOOR (4)	SCALE SET-404	DATE 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EBERHARTZ GROUP 19 West 44th Street, New York NY 10036	DWG NO.



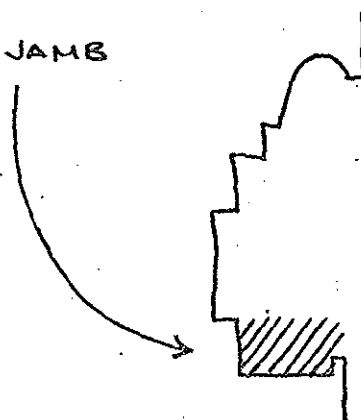
DOOR HAS BEEN REMOVED, STORED INSIDE
 REPLACE ALL INNER STOP

Y TOWER ROOF DOOR (4)	SWT-404	2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EBENKRAVITZ GROUP 19 West 44th Street, New York NY 10036	

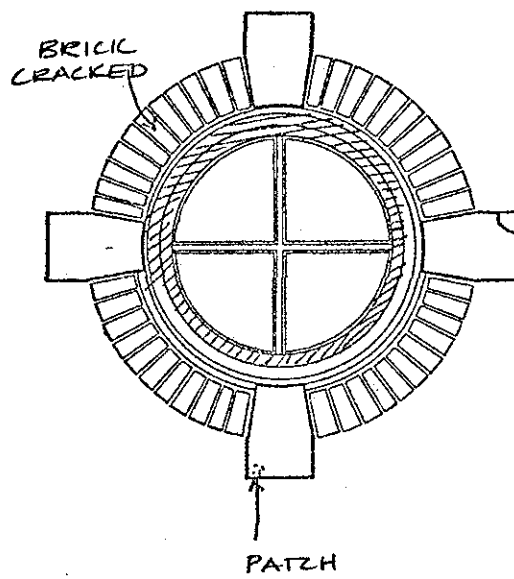


REPLACE ALL INNER JAMB

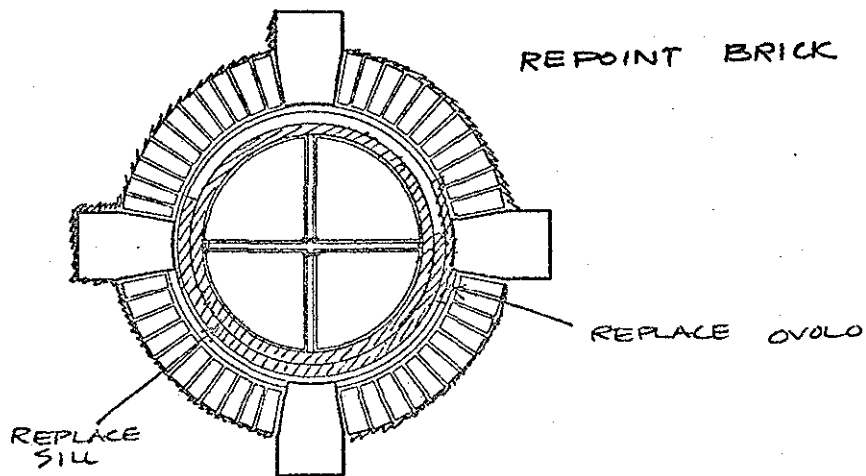
DOOR MISSING



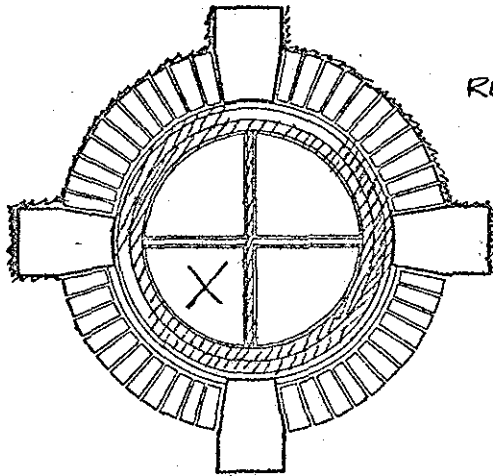
Y TOWER ROOF DOOR (4)	SCALE NWT-402	DATE 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING OBSERVATION TECHNOLOGY THE EBERHARTZ GROUP 19 West 44th Street, New York NY 10036	DWG NO.



Z TOWER ROUND WINDOW	NUMBER NET-401	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EHRENGRANTZ GROUP 19 West 44th Street, New York NY 10036	

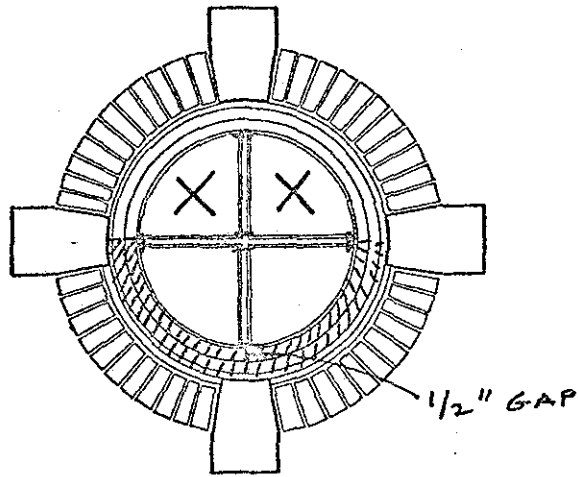


Z TOWER ROUND WINDOW	NUMBER NET-403	CLASS 3
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EHRENKRANTZ GROUP 19 West 44th Street, New York NY 10036	

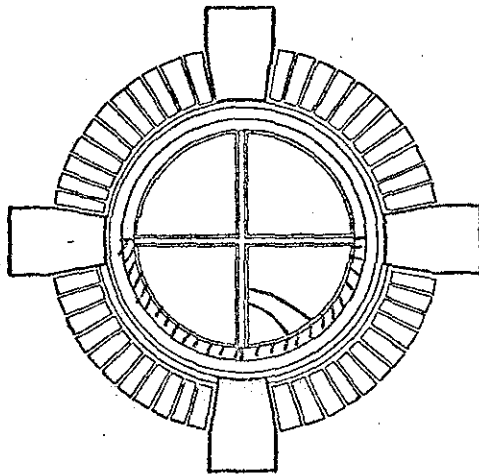


REPOINT BRICK

<p>Z TOWER ROUND WINDOW</p>	<p>NUMBER NET- 404</p>	<p>CLASS 3</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York</p>	<p>BUILDING CONSERVATION TECHNOLOGY THE EHRENKRANTZ GROUP 19 West 44th Street, New York NY 10036</p>	



<p>Z TOWER ROUND WINDOW</p>	<p>NUMBER SET-401</p>	<p>CLASS 2</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York</p>	<p>BUILDING CONSERVATION TECHNOLOGY THE EHRENKRANTZ GROUP 19 West 44th Street, New York NY 10036</p>	



2 TOWER ROUND WINDOW

NUMBER
SET-402

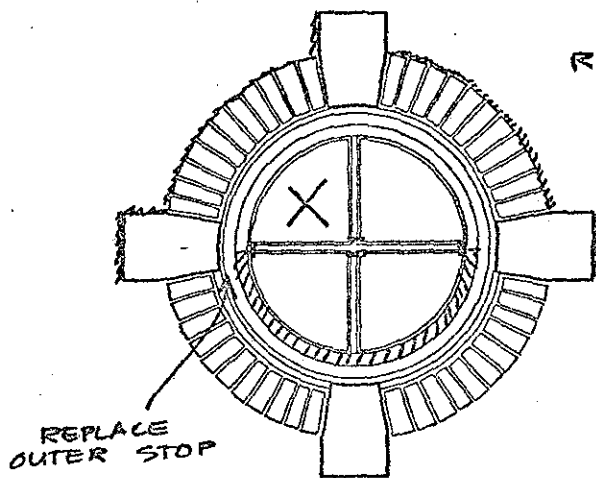
CLASS
2

MECHANICAL AND ELECTRICAL REHABILITATION
MAIN BUILDING
ELLIS ISLAND

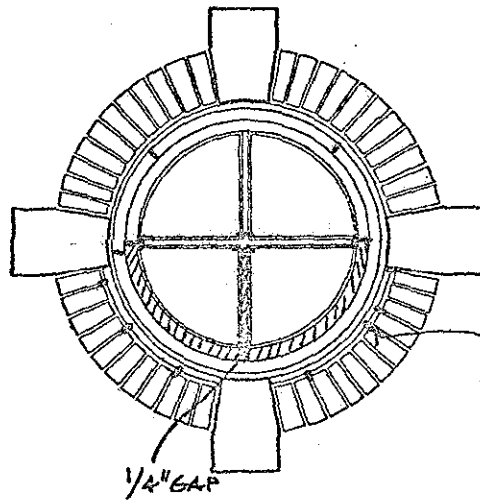
BUILDING CONSERVATION TECHNOLOGY
THE EHRENKRANTZ GROUP

Statue of Liberty National Monument, New York

19 West 44th Street, New York NY 10036



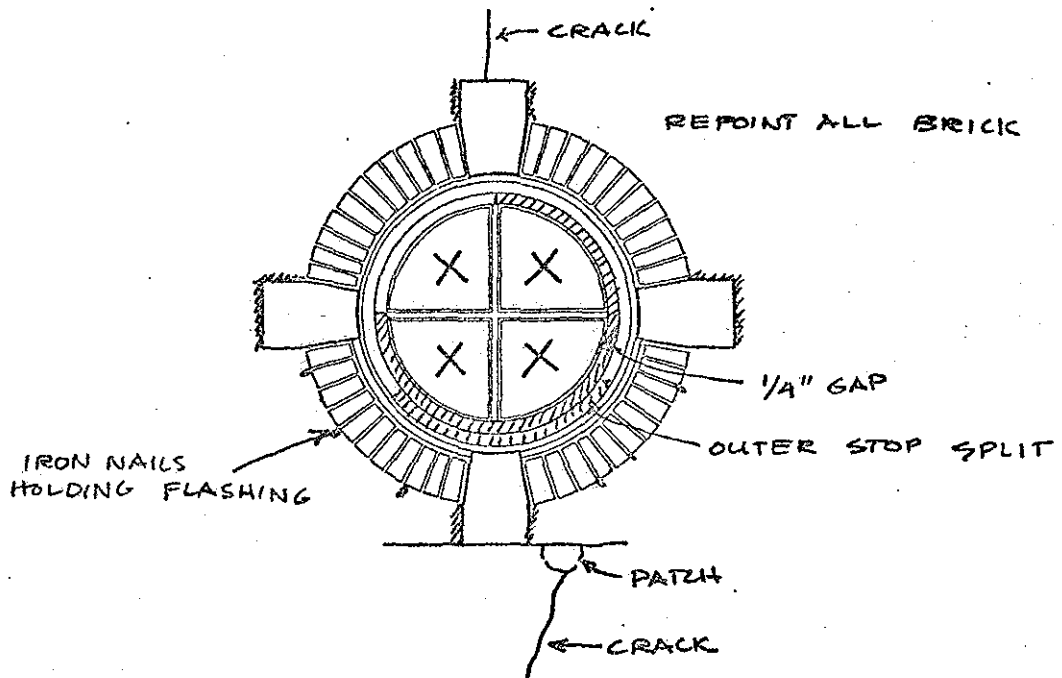
2 TOWER ROUND WINDOW	NUMBER SET-403	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EIRENKRANTZ GROUP 19 West 44th Street, New York NY 10036	



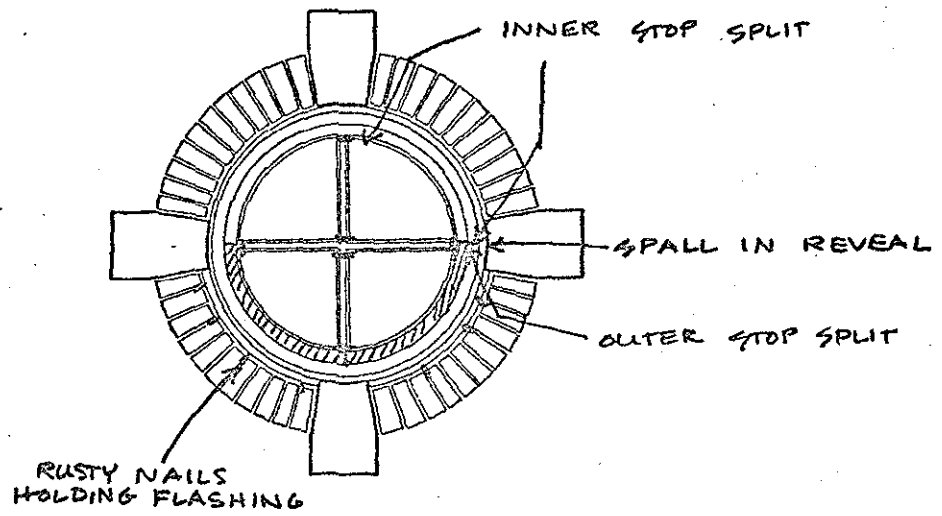
RUSTY NAILS IN
BRICK (HOLDING FLASHING)

1/2" GAP

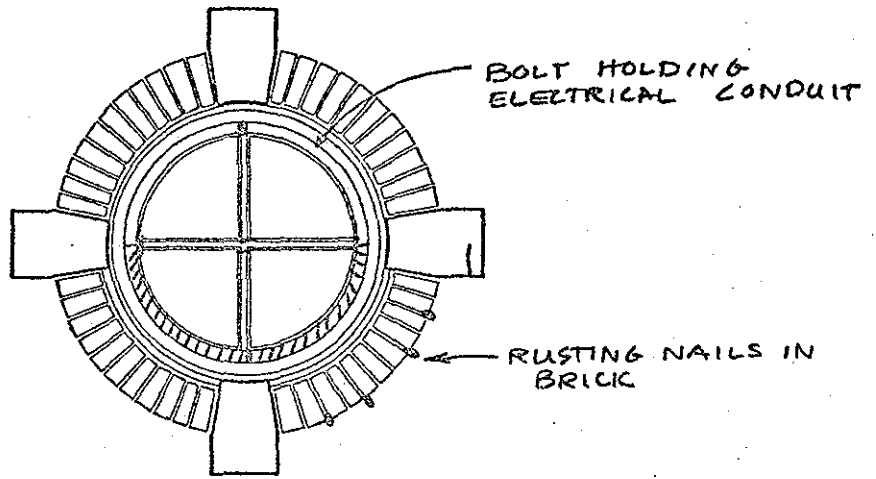
<p>2 TOWER ROUND WINDOW</p>	<p>NUMBER SWT-401</p>	<p>CLASS 2</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York</p>	<p>BUILDING CONSERVATION TECHNOLOGY THE DREKORANIZ GROUP 19 West 44th Street, New York NY 10036</p>	



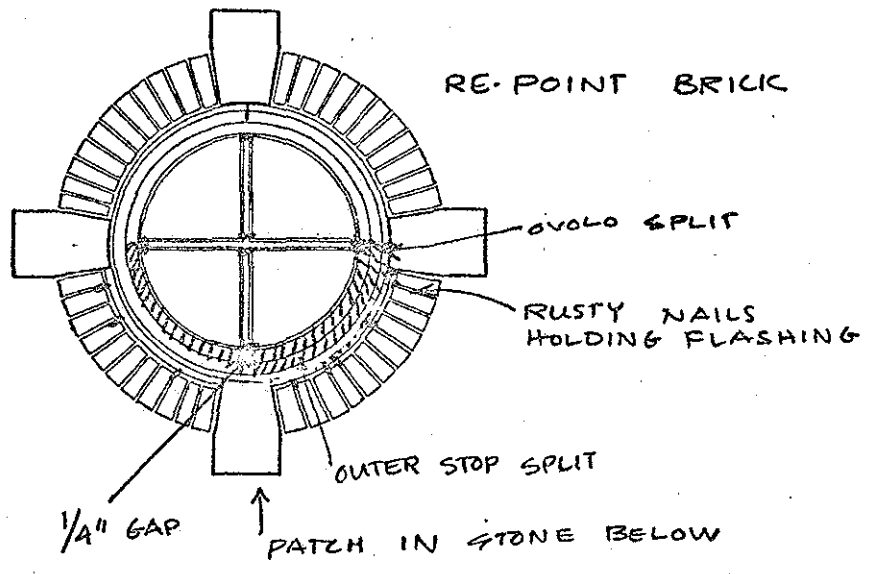
<p>Z TOWER ROUND WINDOW</p>	<p>NUMBER SWT-402</p>	<p>CLASS 3</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York</p>	<p>BUILDING CONSERVATION TECHNOLOGY THE EHRENKRANZ GROUP 19 West 44th Street, New York NY 10036</p>	



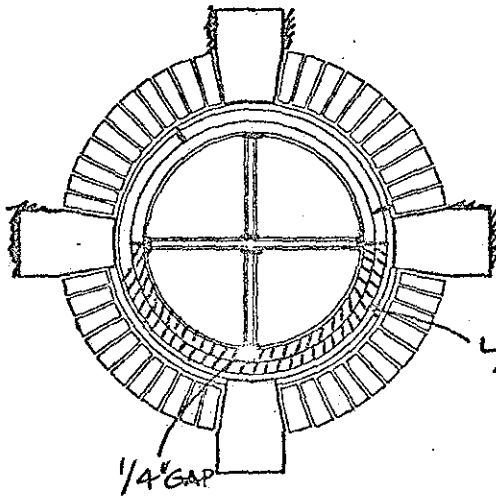
<p>Z TOWER ROUND WINDOW</p>	<p>NUMBER SWT-403</p>	<p>CLASS 2</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York</p>	<p>BUILDING CONSERVATION TECHNOLOGY THE EHRENKRANZ GROUP 19 West 44th Street, New York NY 10036</p>	



Z TOWER ROUND WINDOW	NUMBER NWT - 401	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EHRENKRANTZ GROUP 19 West 44th Street, New York NY 10036	



Z TOWER ROUND WINDOW	NUMBER NWT-403	CLASS 2
MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York	BUILDING CONSERVATION TECHNOLOGY THE EIBENKRANTZ GROUP 19 West 44th Street, New York NY 10036	

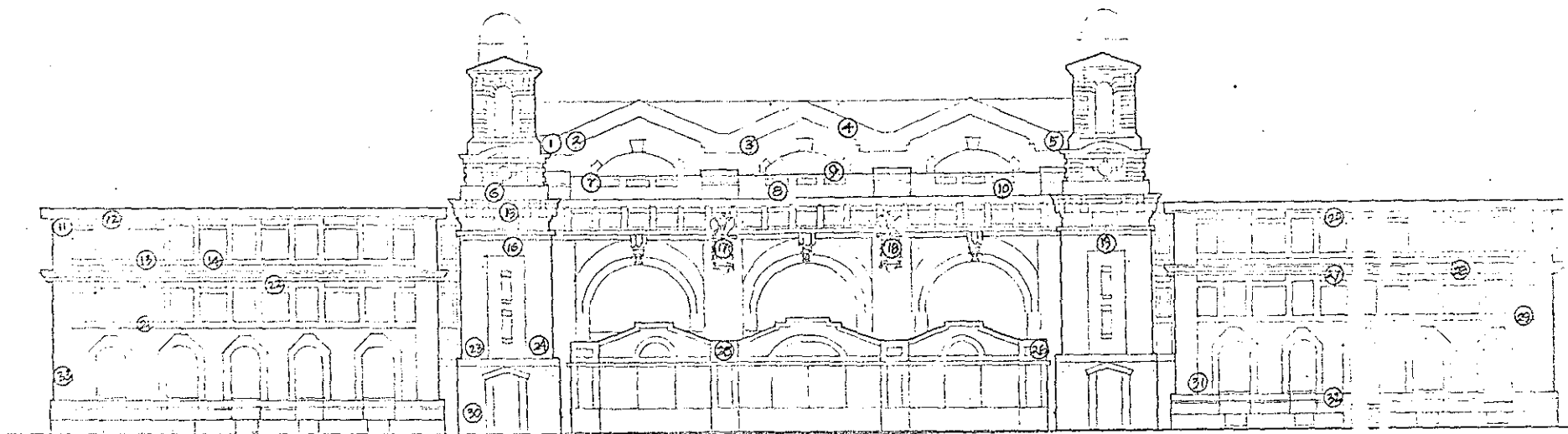


LOWER SASH & OUTER STOP SPLIT

1/4" GAP

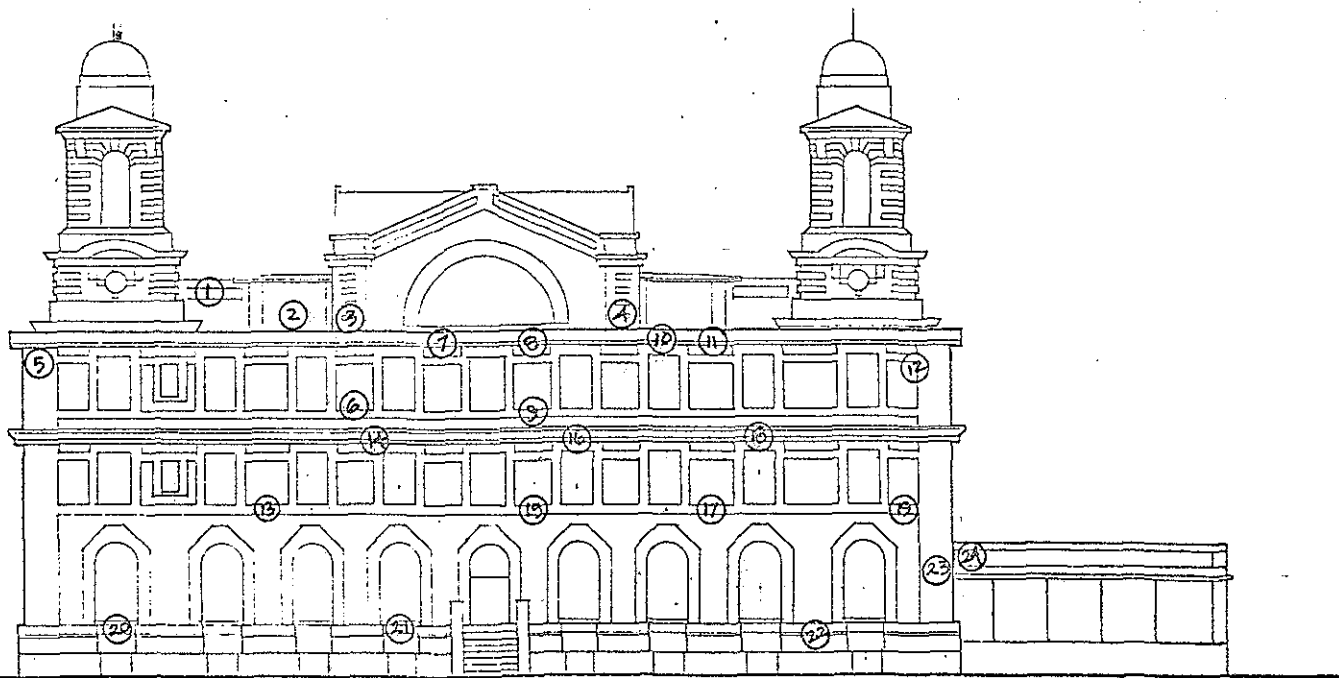
<p>2 TOWER ROUND WINDOW</p>	<p>NUMBER: NWT-404</p>	<p>CLASS 2</p>
<p>MECHANICAL AND ELECTRICAL REHABILITATION MAIN BUILDING ELLIS ISLAND Statue of Liberty National Monument, New York</p>	<p>BUILDING CONSERVATION TECHNOLOGY THE EIRENKRAWITZ GROUP 19 West 44th Street, New York NY 10036</p>	

Masonry Survey Notes



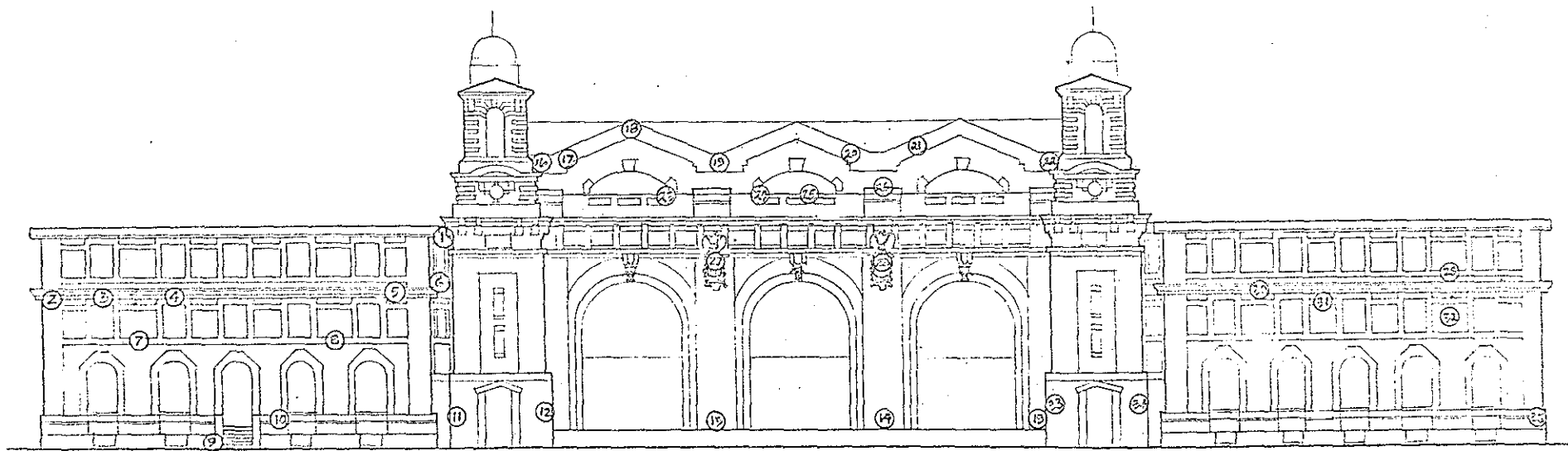
NORTH ELEVATION (Numbers N1 through N32)

MASCHRY SURVEY NOTES



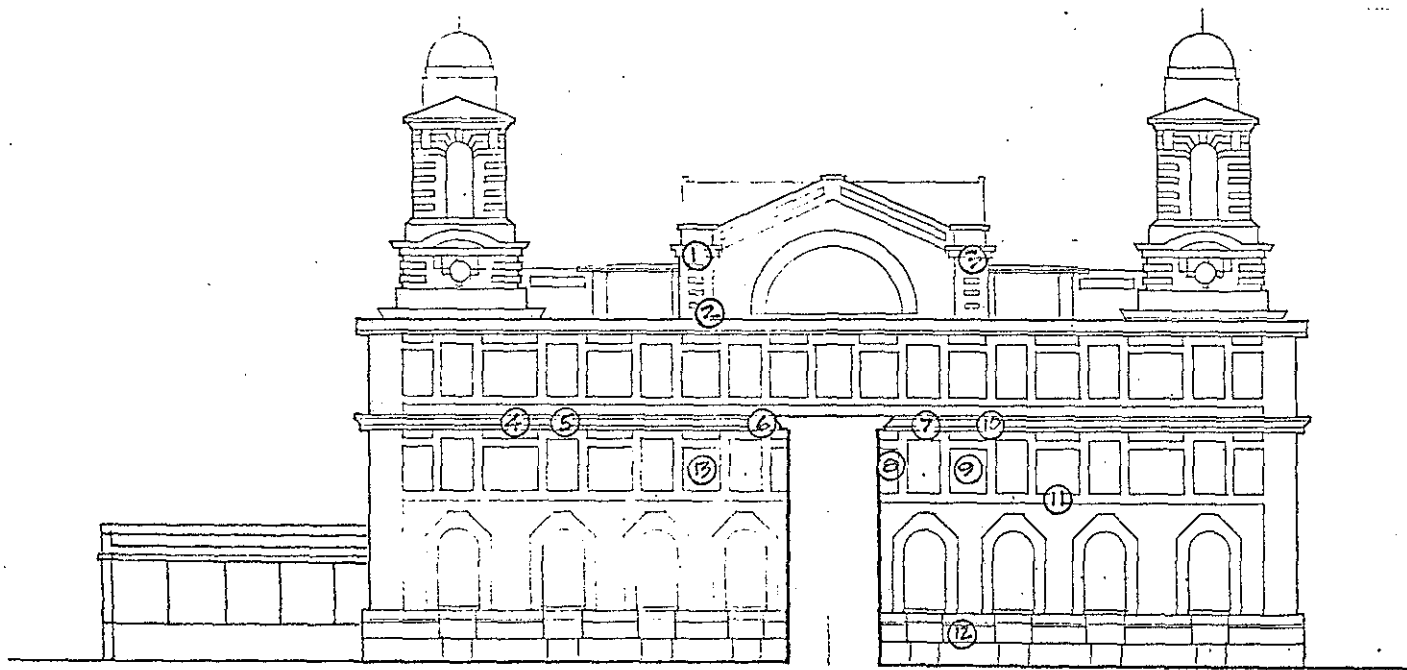
EAST ELEVATION (Numbers E1 through E24)

MASONRY SURVEY NOTES



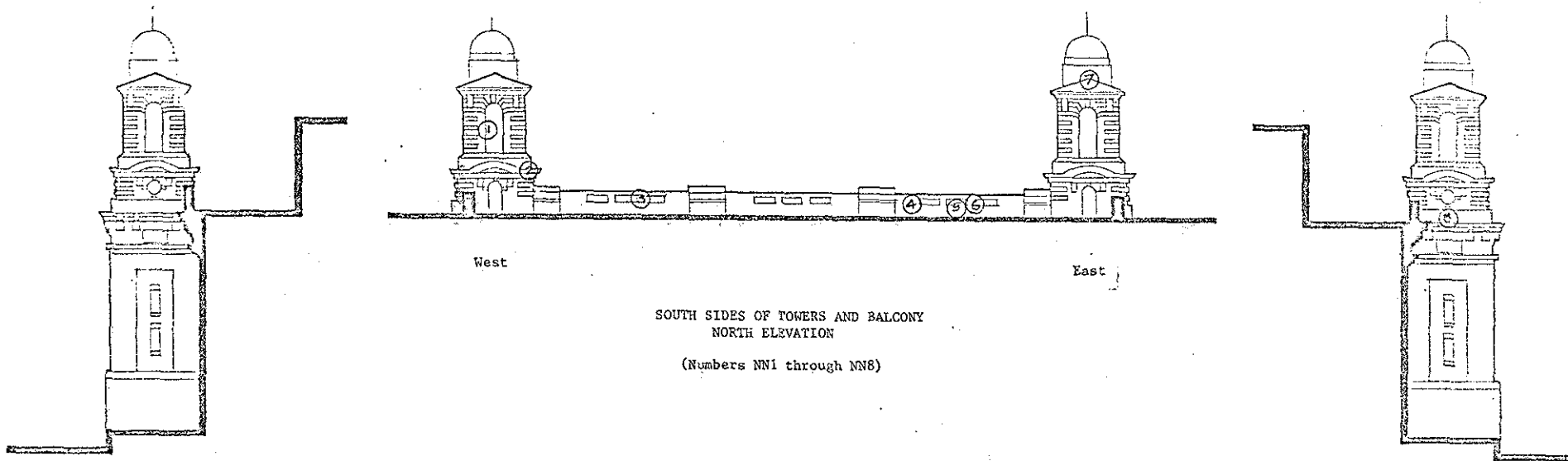
SOUTH ELEVATION (Numbers S1 through S35)

MASONRY SURVEY NOTES



WEST ELEVATION (Numbers W1 through W12)

MASONRY SURVEY NOTES



West

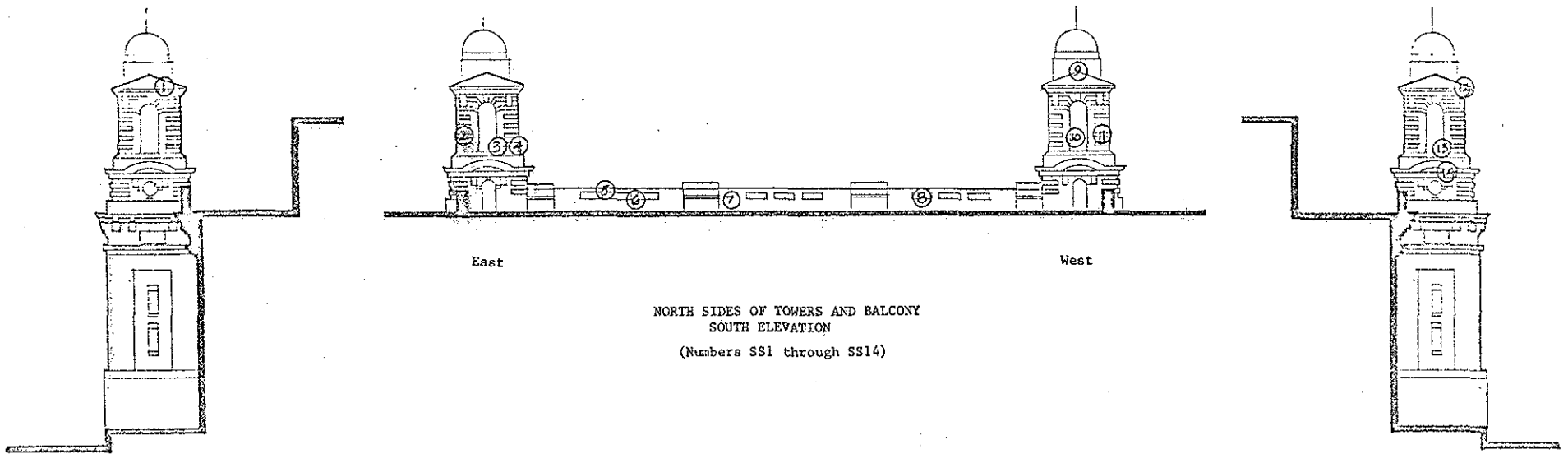
East

SOUTH SIDES OF TOWERS AND BALCONY
NORTH ELEVATION
(Numbers NN1 through NN8)

WEST FACADE
NORTHEAST TOWER

EAST FACADE
NORTHWEST TOWER

MASONRY SURVEY NOTES



East

West

NORTH SIDES OF TOWERS AND BALCONY
SOUTH ELEVATION
(Numbers SS1 through SS14)

EAST FACADE
SOUTHWEST TOWER

WEST FACADE
SOUTHEAST TOWER

MASONRY SURVEY NOTES

NPS # 1547