

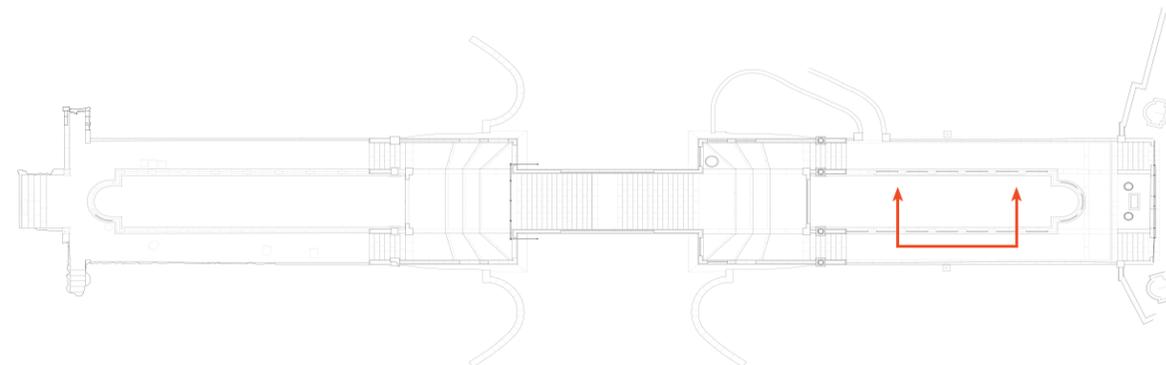
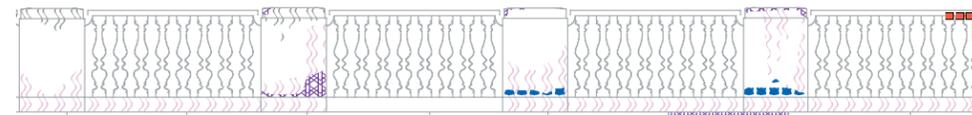
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Marine Garden  
Locator Map  
Condition Survey



**Legend**

-  Cracking
-  Deteriorating Joints
-  Open Joints
-  Architecture
-  Ground Cut
-  Vegetation - Small
-  Vegetation - Medium
-  Vegetation - Large
-  Invasive Vegetation
-  Surface Weathering
-  Previous Repair
-  Moss
-  Metal Corrosion
-  Intrinsic Staining
-  Biogrowth - Low
-  Biogrowth - Orange
-  Biogrowth - Grey
-  Biogrowth - Black
-  Biogrowth - Thick Black
-  Metallic Staining
-  Other
-  Dimensional Loss



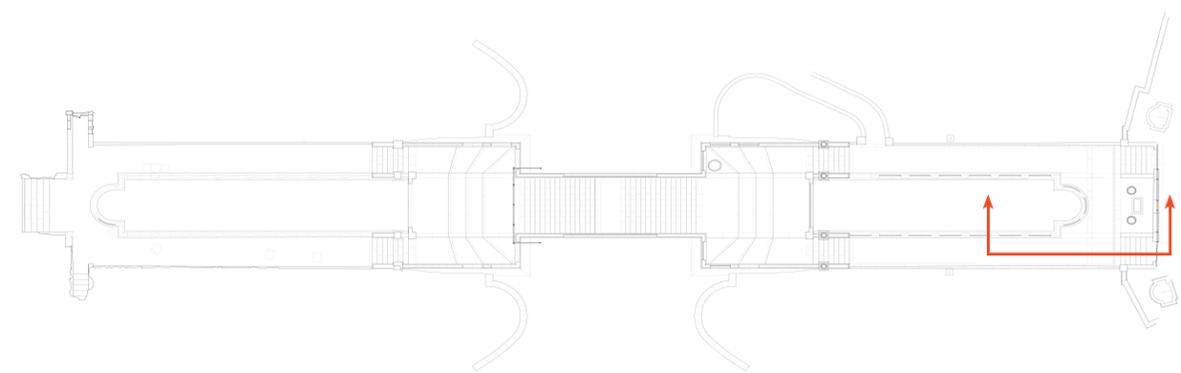
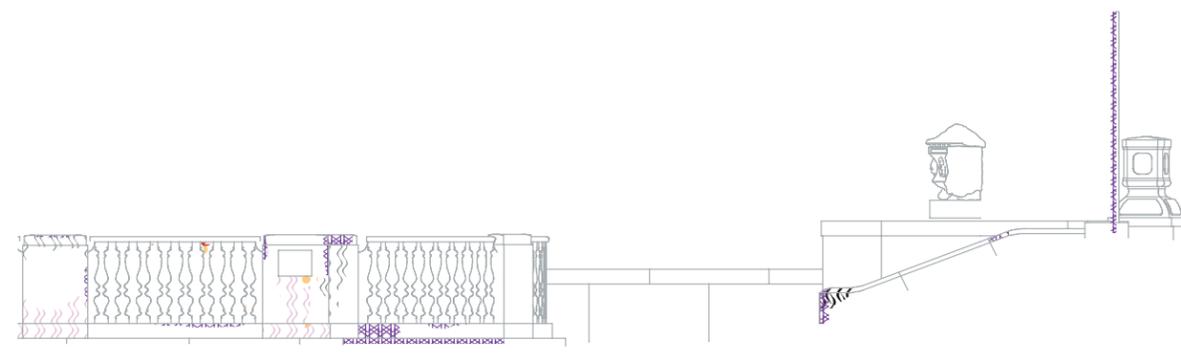
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**Marine Garden • East Pool Wall  
Middle Section  
Condition Survey**



**Legend**

-  Cracking
-  Deteriorating Joints
-  Open Joints
-  Architecture
-  Ground Cut
-  Vegetation - Small
-  Vegetation - Medium
-  Vegetation - Large
-  Invasive Vegetation
-  Surface Weathering
-  Previous Repair
-  Moss
-  Metal Corrosion
-  Intrinsic Staining
-  Biogrowth - Low
-  Biogrowth - Orange
-  Biogrowth - Grey
-  Biogrowth - Black
-  Biogrowth - Thick Black
-  Metallic Staining
-  Other
-  Dimensional Loss



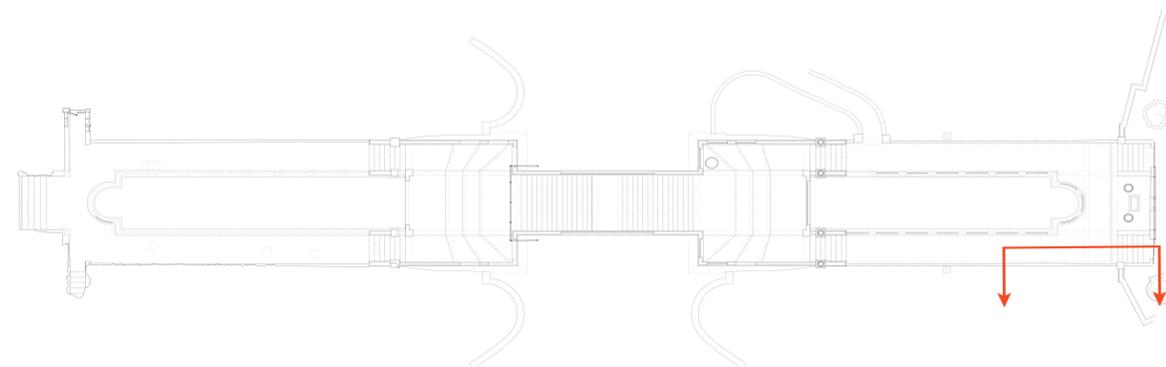
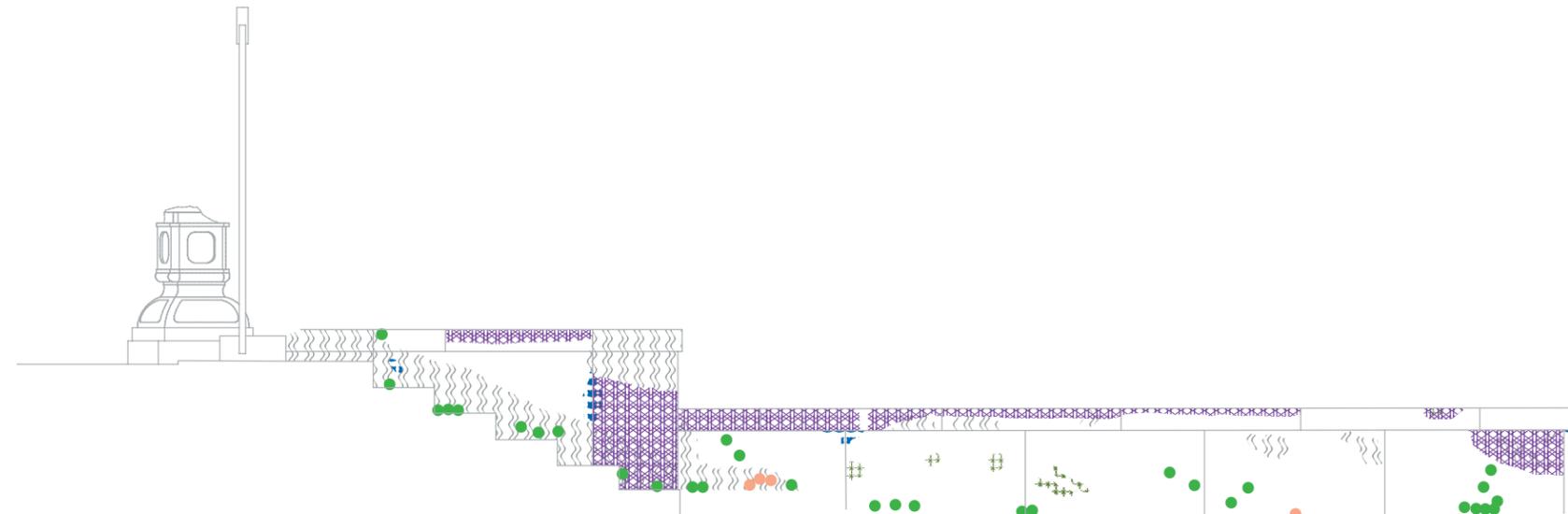
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Marine Garden • East Pool Wall  
North Section  
Condition Survey



**Legend**

-  Cracking
-  Deteriorating Joints
-  Open Joints
-  Architecture
-  Ground Cut
-  Vegetation - Small
-  Vegetation - Medium
-  Vegetation - Large
-  Invasive Vegetation
-  Surface Weathering
-  Previous Repair
-  Moss
-  Metal Corrosion
-  Intrinsic Staining
-  Biogrowth - Low
-  Biogrowth - Orange
-  Biogrowth - Grey
-  Biogrowth - Black
-  Biogrowth - Thick Black
-  Metallic Staining
-  Other
-  Dimensional Loss



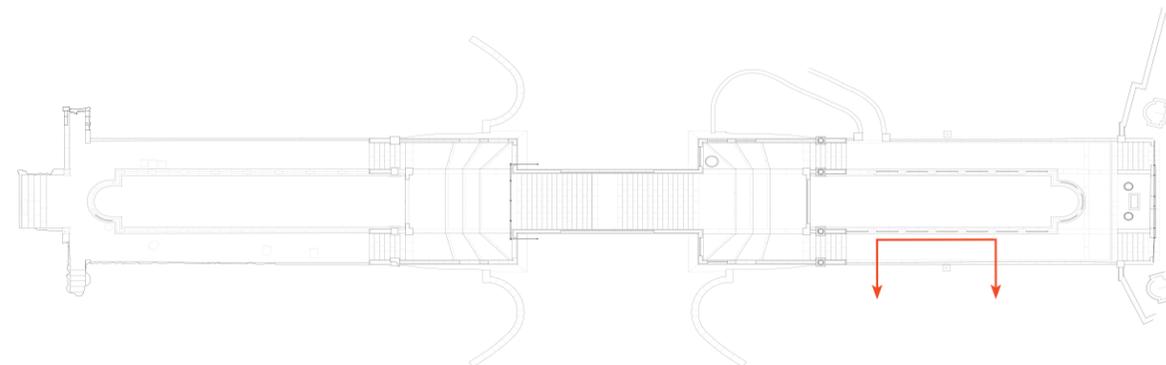
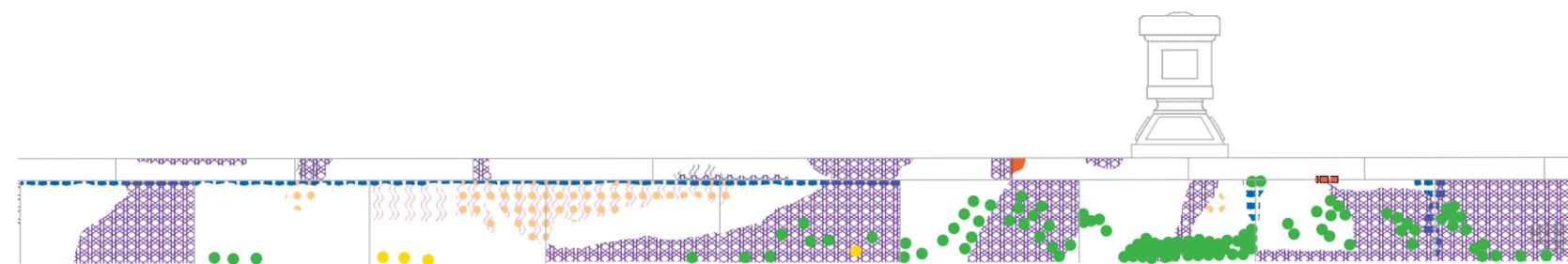
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**Marine Garden • East Retaining Wall  
South Section  
Condition Survey**



**Legend**

-  Cracking
-  Deteriorating Joints
-  Open Joints
-  Architecture
-  Ground Cut
-  Vegetation - Small
-  Vegetation - Medium
-  Vegetation - Large
-  Invasive Vegetation
-  Surface Weathering
-  Previous Repair
-  Moss
-  Metal Corrosion
-  Intrinsic Staining
-  Biogrowth - Low
-  Biogrowth - Orange
-  Biogrowth - Grey
-  Biogrowth - Black
-  Biogrowth - Thick Black
-  Metallic Staining
-  Other
-  Dimensional Loss



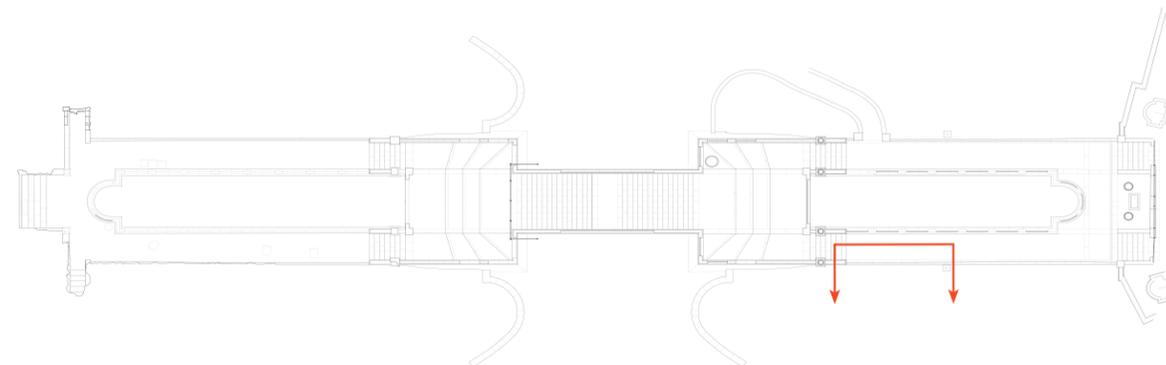
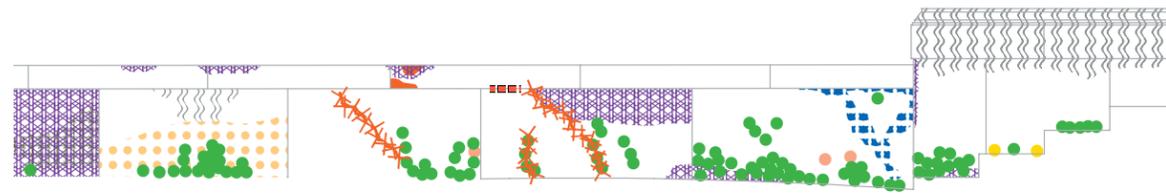
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**Marine Garden • East Retaining Wall  
Middle Section  
Condition Survey**



**Legend**

-  Cracking
-  Deteriorating Joints
-  Open Joints
-  Architecture
-  Ground Cut
-  Vegetation - Small
-  Vegetation - Medium
-  Vegetation - Large
-  Invasive Vegetation
-  Surface Weathering
-  Previous Repair
-  Moss
-  Metal Corrosion
-  Intrinsic Staining
-  Biogrowth - Low
-  Biogrowth - Orange
-  Biogrowth - Grey
-  Biogrowth - Black
-  Biogrowth - Thick Black
-  Metallic Staining
-  Other
-  Dimensional Loss



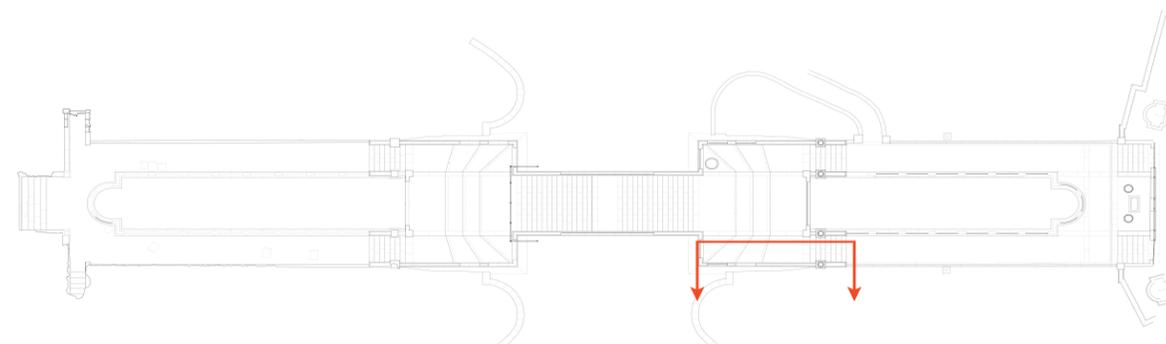
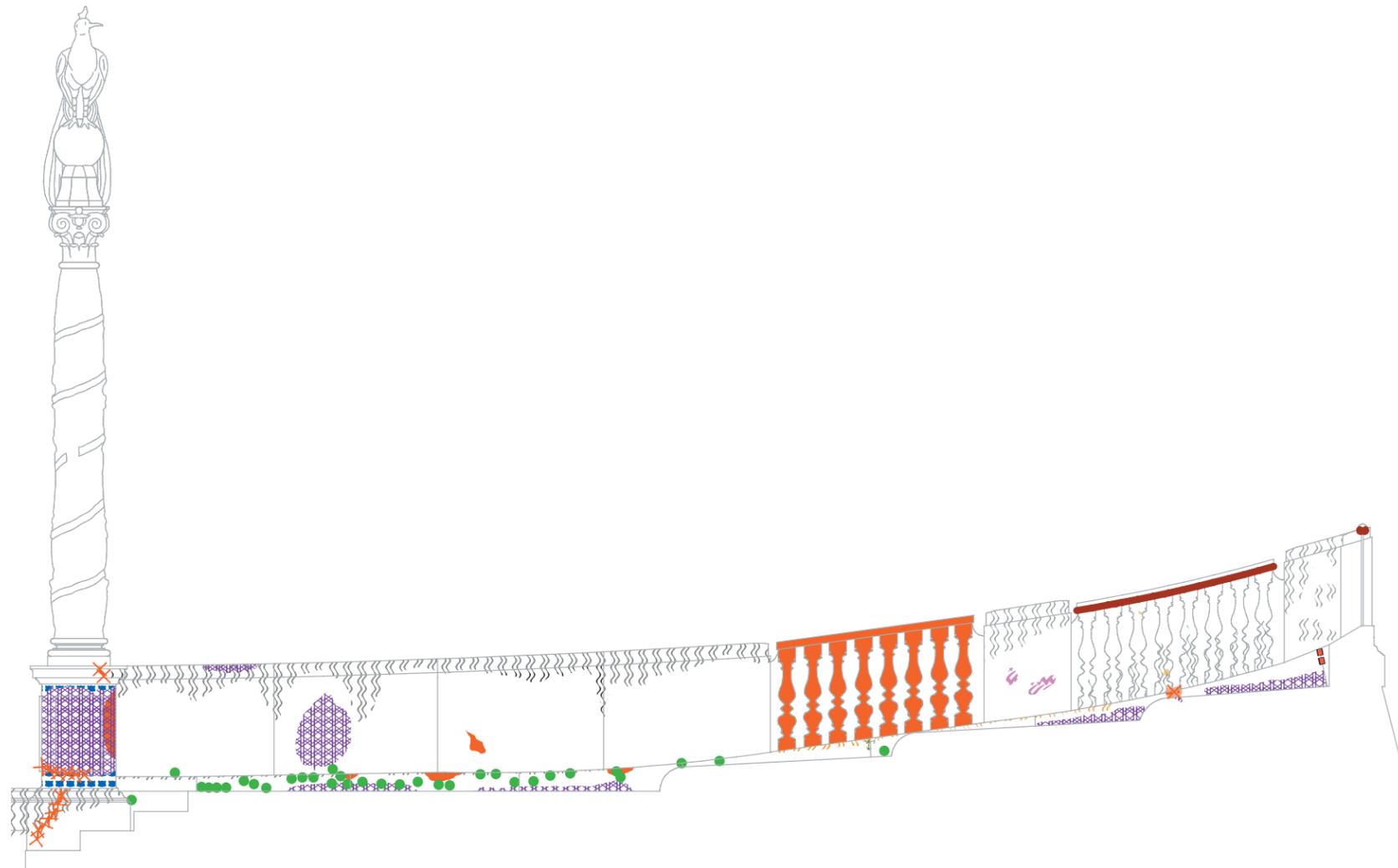
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**Marine Garden • East Retaining Wall  
Middle-South Section  
Condition Survey**



Legend

-  Cracking
-  Deteriorating Joints
-  Open Joints
-  Architecture
-  Ground Cut
-  Vegetation - Small
-  Vegetation - Medium
-  Vegetation - Large
-  Invasive Vegetation
-  Surface Weathering
-  Previous Repair
-  Moss
-  Metal Corrosion
-  Intrinsic Staining
-  Biogrowth - Low
-  Biogrowth - Orange
-  Biogrowth - Grey
-  Biogrowth - Black
-  Biogrowth - Thick Black
-  Metallic Staining
-  Other
-  Dimensional Loss



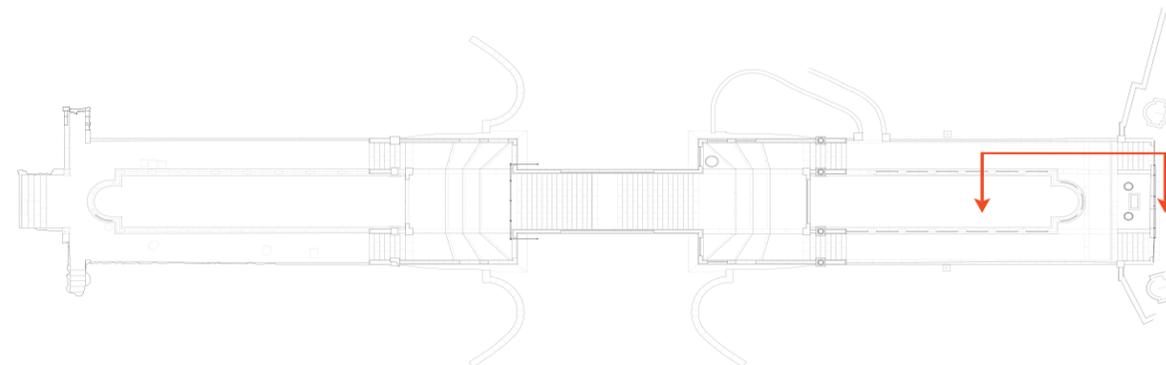
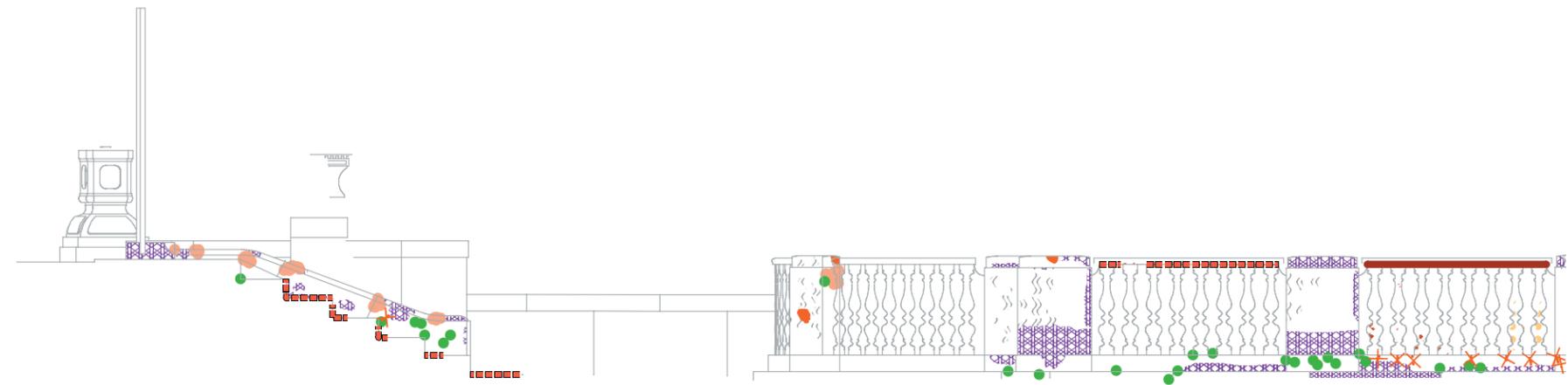
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Marine Garden • East Retaining Wall  
North Section  
Condition Survey



**Legend**

-  Cracking
-  Deteriorating Joints
-  Open Joints
-  Architecture
-  Ground Cut
-  Vegetation - Small
-  Vegetation - Medium
-  Vegetation - Large
-  Invasive Vegetation
-  Surface Weathering
-  Previous Repair
-  Moss
-  Metal Corrosion
-  Intrinsic Staining
-  Biogrowth - Low
-  Biogrowth - Orange
-  Biogrowth - Grey
-  Biogrowth - Black
-  Biogrowth - Thick Black
-  Metallic Staining
-  Other
-  Dimensional Loss

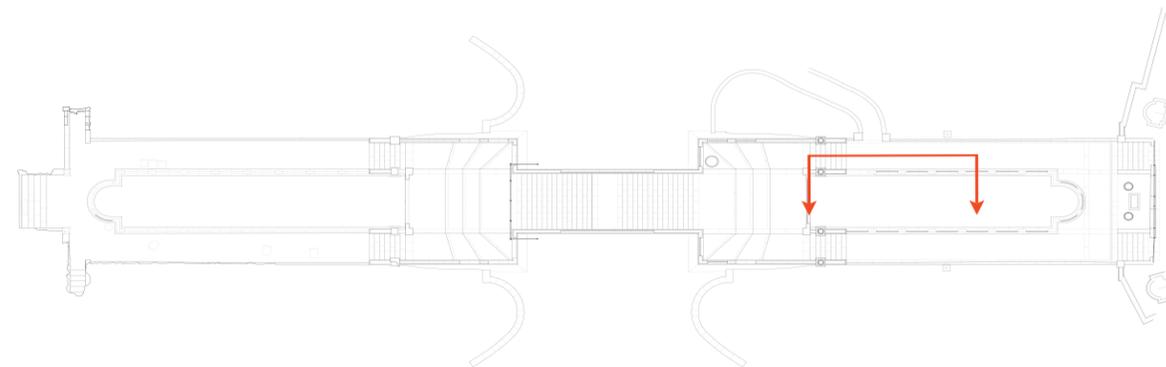
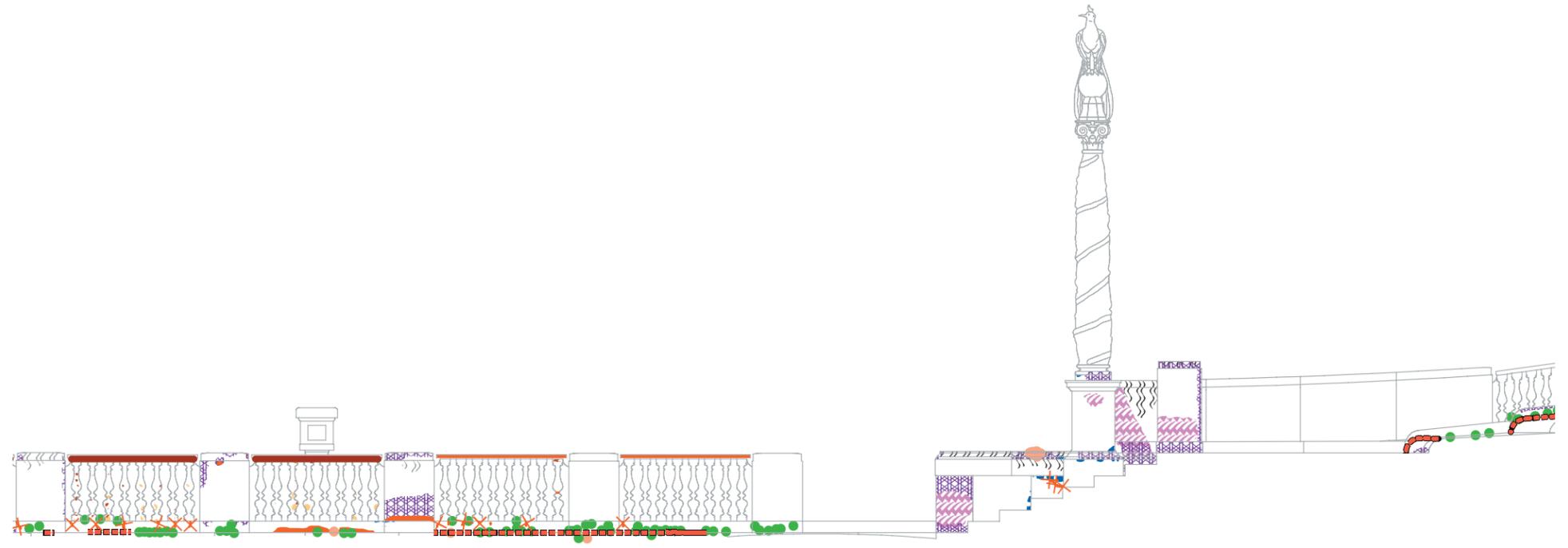


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Marine Garden • West Pool Wall  
North Section  
Condition Survey



- Legend**
- XXXXX Cracking
  - Deteriorating Joints
  - Open Joints
  - Architecture
  - Ground Cut
  - Vegetation - Small
  - Vegetation - Medium
  - Vegetation - Large
  - Invasive Vegetation
  - Surface Weathering
  - Previous Repair
  - Moss
  - Metal Corrosion
  - Intrinsic Staining
  - Biogrowth - Low
  - Biogrowth - Orange
  - Biogrowth - Grey
  - Biogrowth - Black
  - Biogrowth - Thick Black
  - Metallic Staining
  - Other
  - Dimensional Loss



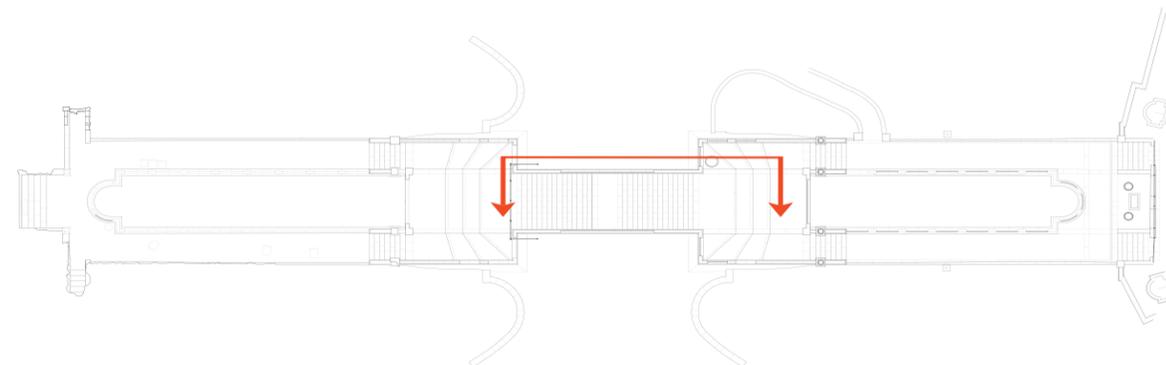
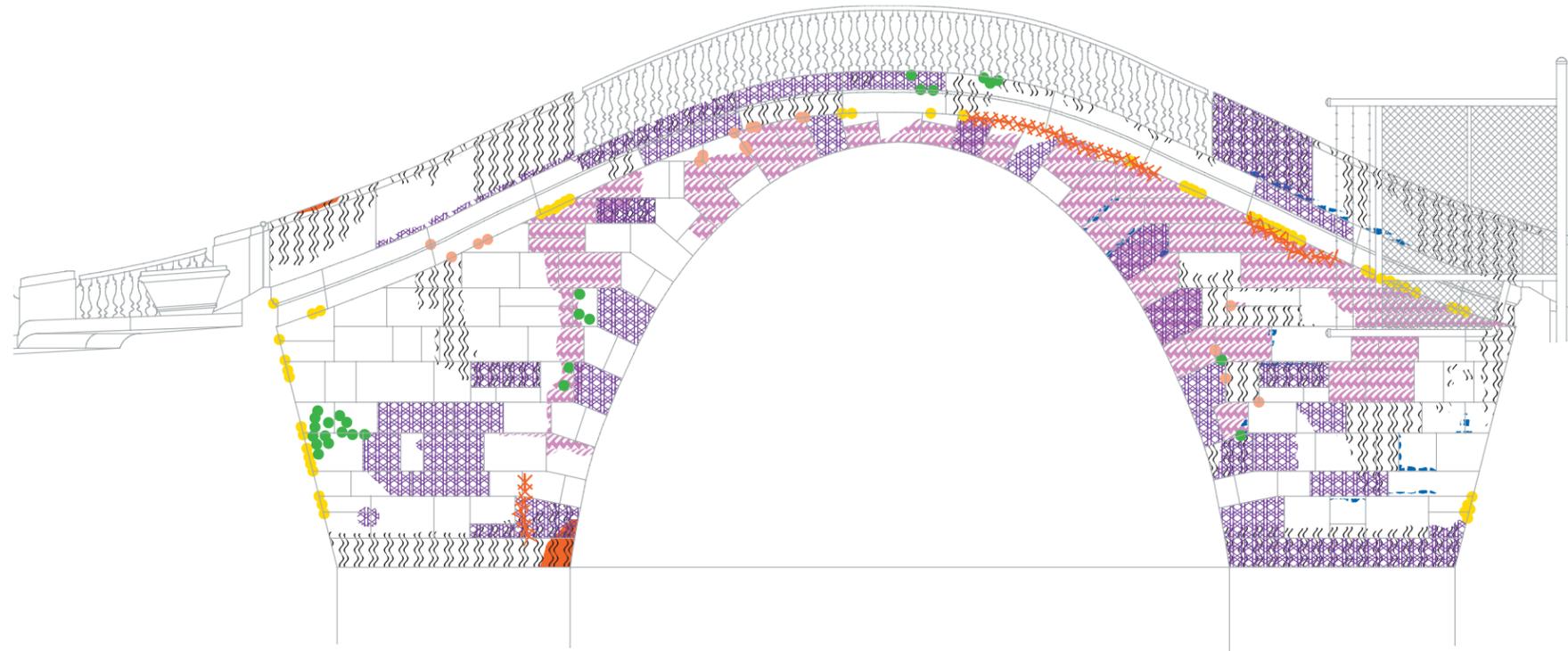
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Marine Garden • West Pool Wall  
Middle Section  
Condition Survey



**Legend**

-  Cracking
-  Deteriorating Joints
-  Open Joints
-  Architecture
-  Ground Cut
-  Vegetation - Small
-  Vegetation - Medium
-  Vegetation - Large
-  Invasive Vegetation
-  Surface Weathering
-  Previous Repair
-  Moss
-  Metal Corrosion
-  Intrinsic Staining
-  Biogrowth - Low
-  Biogrowth - Orange
-  Biogrowth - Grey
-  Biogrowth - Black
-  Biogrowth - Thick Black
-  Metallic Staining
-  Other
-  Dimensional Loss



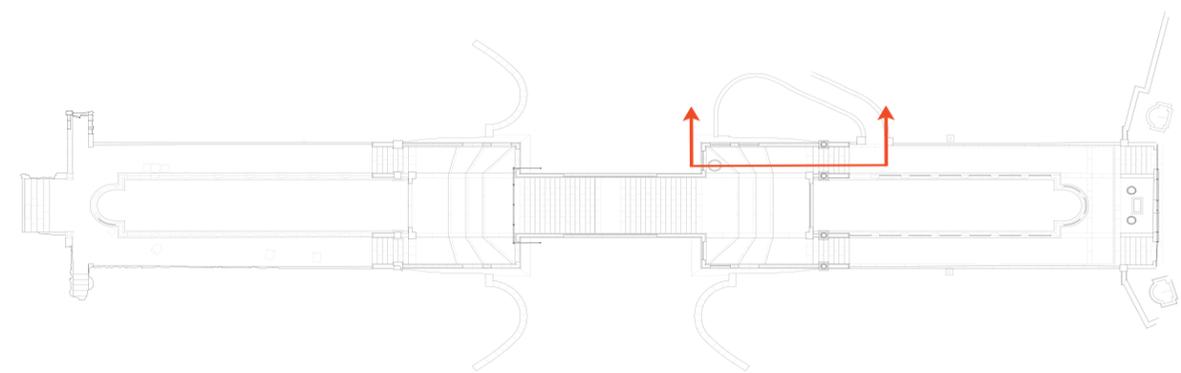
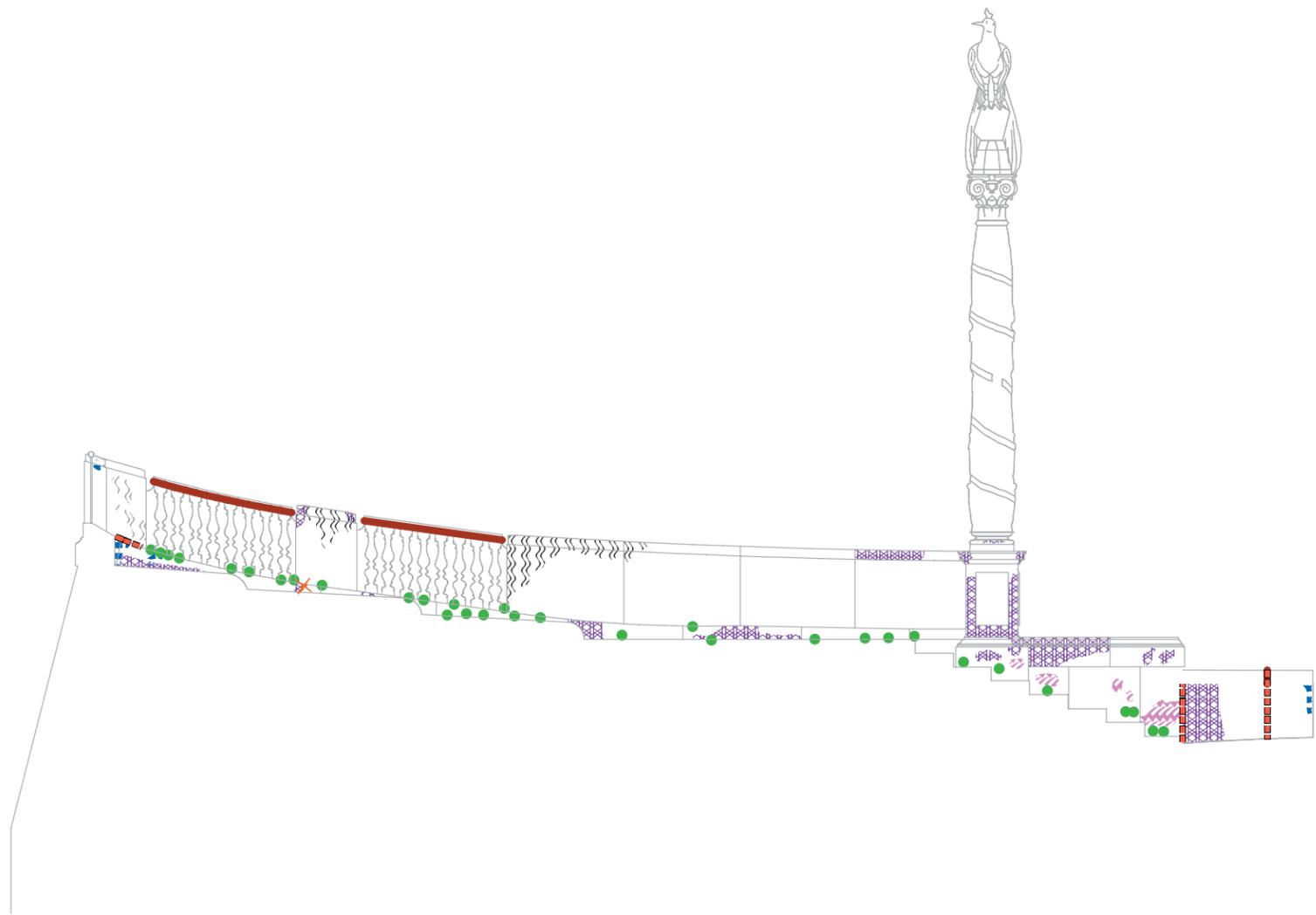
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Marine Garden • West Pool Wall  
Bridge Section  
Condition Survey



**Legend**

-  Cracking
-  Deteriorating Joints
-  Open Joints
-  Architecture
-  Ground Cut
-  Vegetation - Small
-  Vegetation - Medium
-  Vegetation - Large
-  Invasive Vegetation
-  Surface Weathering
-  Previous Repair
-  Moss
-  Metal Corrosion
-  Intrinsic Staining
-  Biogrowth - Low
-  Biogrowth - Orange
-  Biogrowth - Grey
-  Biogrowth - Black
-  Biogrowth - Thick Black
-  Metallic Staining
-  Other
-  Dimensional Loss



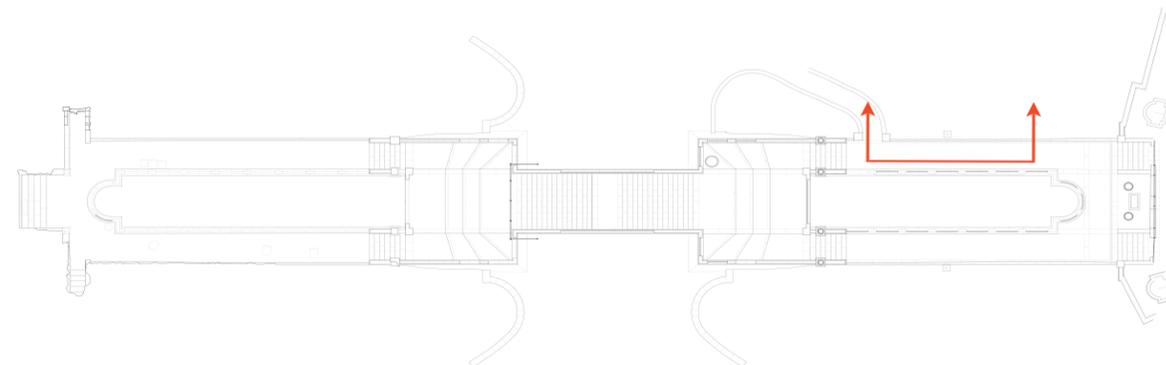
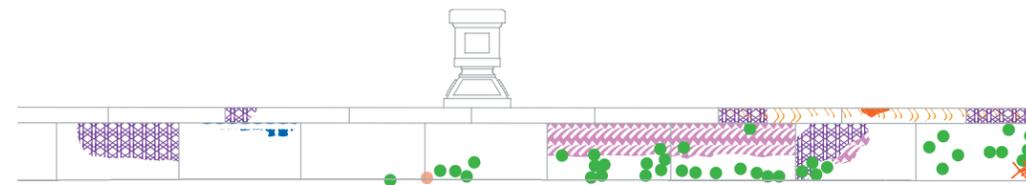
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**Marine Garden • West Retaining Wall  
South Section  
Condition Survey**



**Legend**

-  Cracking
-  Deteriorating Joints
-  Open Joints
-  Architecture
-  Ground Cut
-  Vegetation - Small
-  Vegetation - Medium
-  Vegetation - Large
-  Invasive Vegetation
-  Surface Weathering
-  Previous Repair
-  Moss
-  Metal Corrosion
-  Intrinsic Staining
-  Biogrowth - Low
-  Biogrowth - Orange
-  Biogrowth - Grey
-  Biogrowth - Black
-  Biogrowth - Thick Black
-  Metallic Staining
-  Other
-  Dimensional Loss



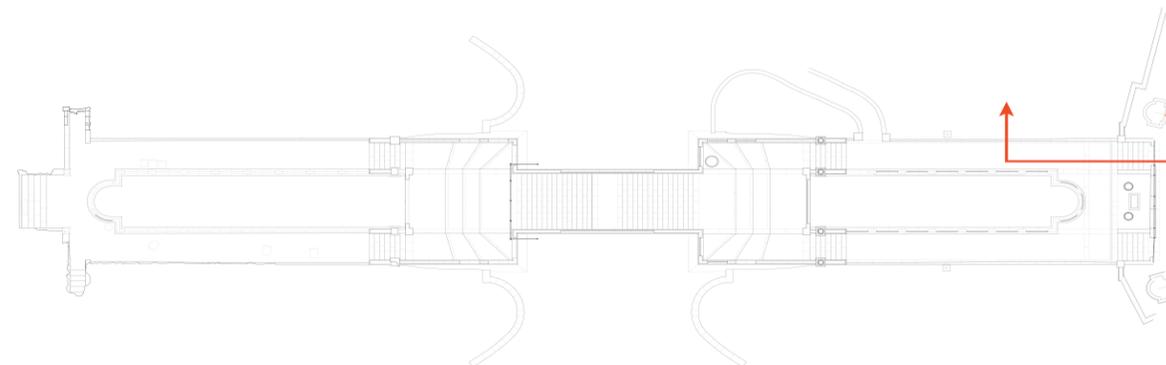
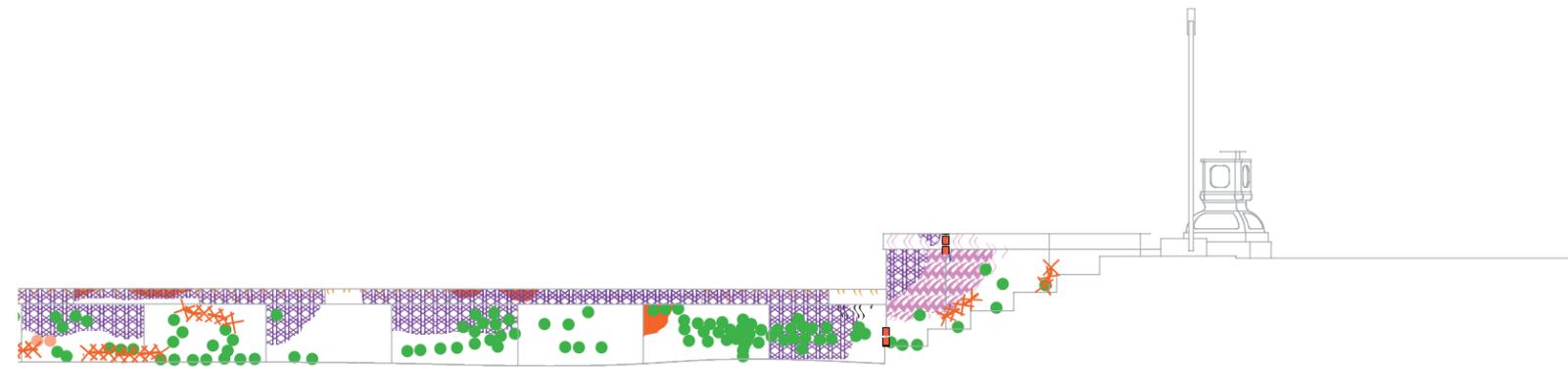
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**Marine Garden • West Retaining Wall  
Middle Section  
Condition Survey**



**Legend**

-  Cracking
-  Deteriorating Joints
-  Open Joints
-  Architecture
-  Ground Cut
-  Vegetation - Small
-  Vegetation - Medium
-  Vegetation - Large
-  Invasive Vegetation
-  Surface Weathering
-  Previous Repair
-  Moss
-  Metal Corrosion
-  Intrinsic Staining
-  Biogrowth - Low
-  Biogrowth - Orange
-  Biogrowth - Grey
-  Biogrowth - Black
-  Biogrowth - Thick Black
-  Metallic Staining
-  Other
-  Dimensional Loss

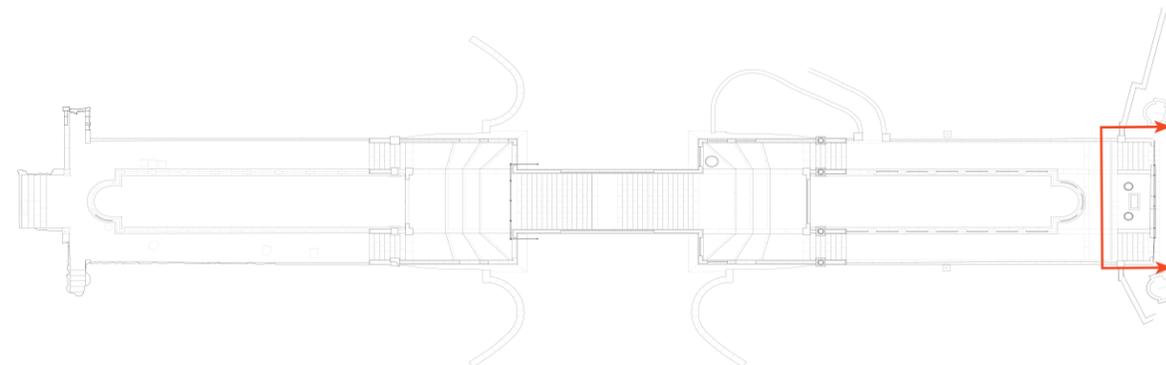
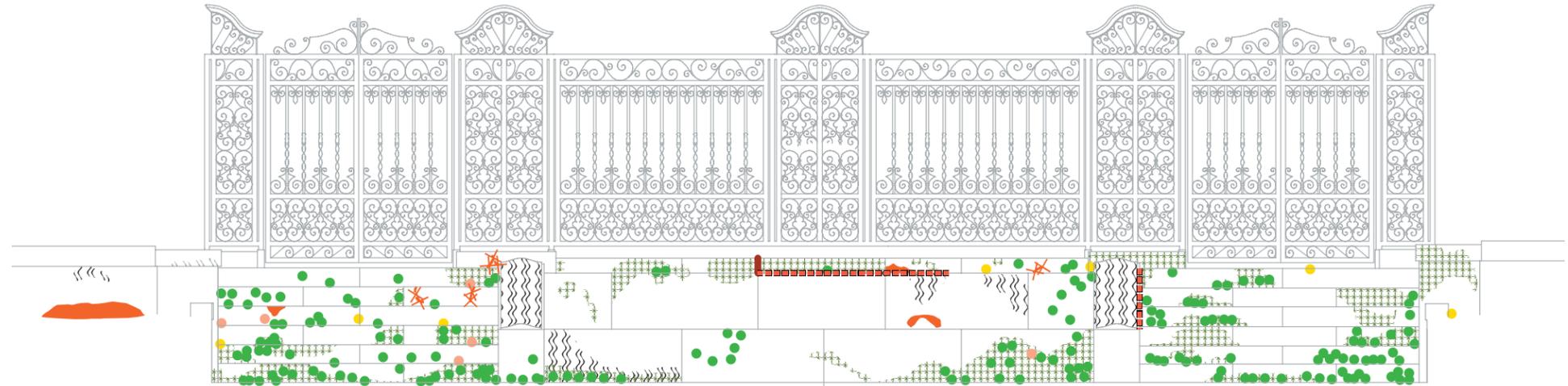


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**Marine Garden • West Retaining Wall  
North Section  
Condition Survey**



- Legend**
-  Cracking
  -  Deteriorating Joints
  -  Open Joints
  -  Architecture
  -  Ground Cut
  -  Vegetation - Small
  -  Vegetation - Medium
  -  Vegetation - Large
  -  Invasive Vegetation
  -  Surface Weathering
  -  Previous Repair
  -  Moss
  -  Metal Corrosion
  -  Intrinsic Staining
  -  Biogrowth - Low
  -  Biogrowth - Orange
  -  Biogrowth - Grey
  -  Biogrowth - Black
  -  Biogrowth - Thick Black
  -  Metallic Staining
  -  Other
  -  Dimensional Loss

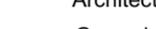
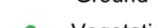
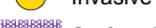
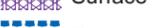
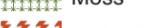
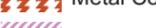
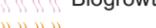
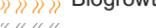
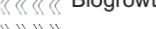
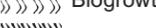
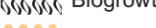
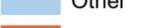
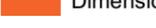


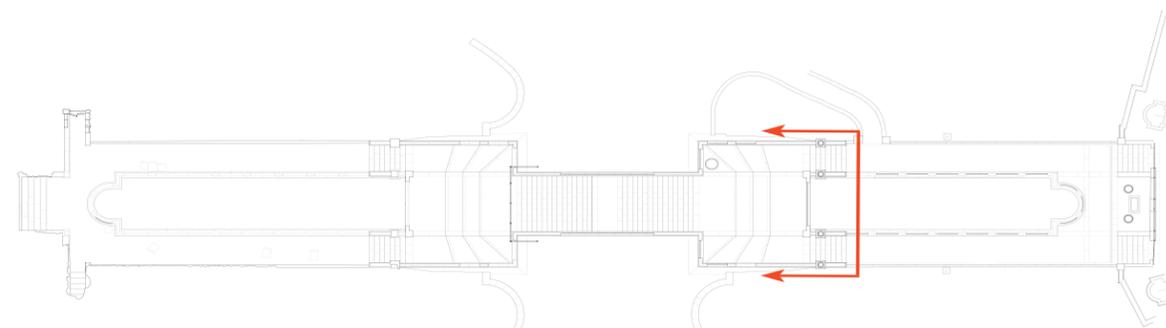
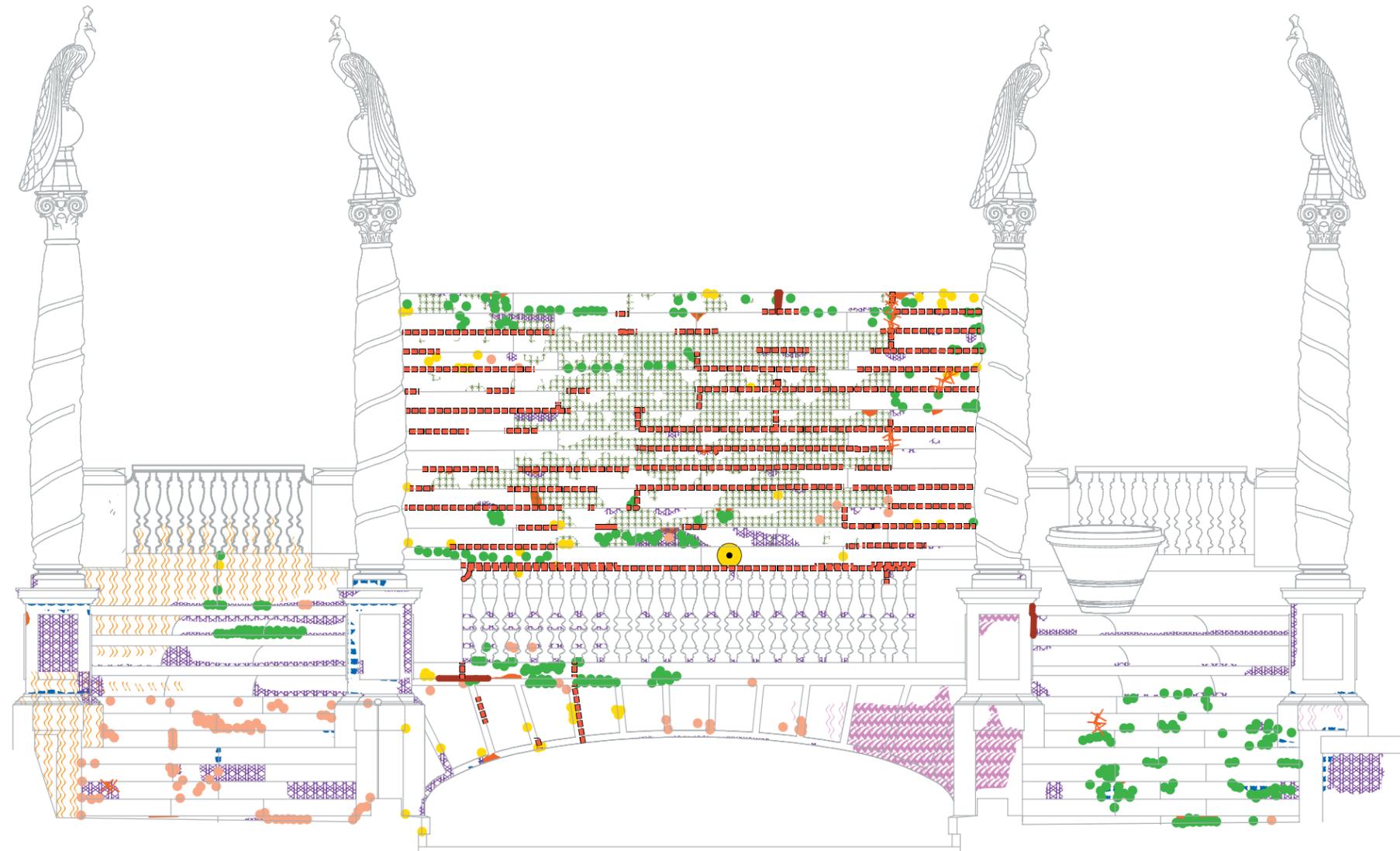
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Marine Garden • North Elevation  
Condition Survey



**Legend**

-  Cracking
-  Deteriorating Joints
-  Open Joints
-  Architecture
-  Ground Cut
-  Vegetation - Small
-  Vegetation - Medium
-  Vegetation - Large
-  Invasive Vegetation
-  Surface Weathering
-  Previous Repair
-  Moss
-  Metal Corrosion
-  Intrinsic Staining
-  Biogrowth - Low
-  Biogrowth - Orange
-  Biogrowth - Grey
-  Biogrowth - Black
-  Biogrowth - Thick Black
-  Metallic Staining
-  Other
-  Dimensional Loss

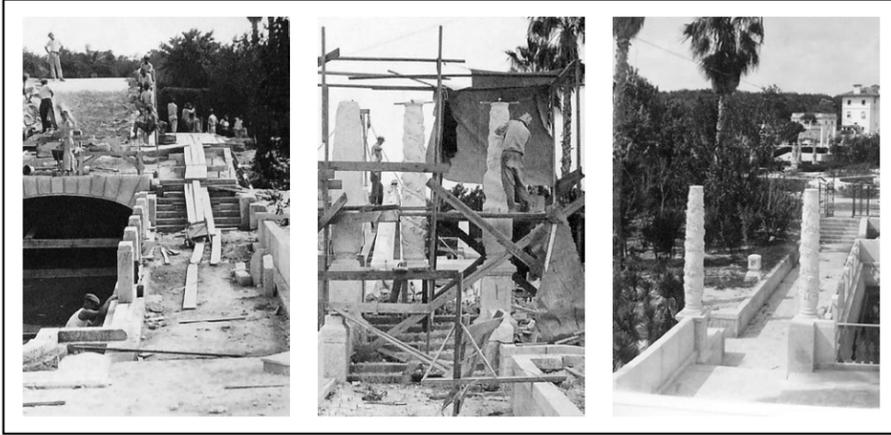
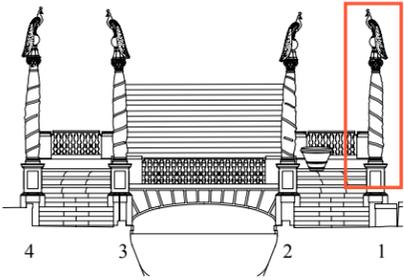


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**Marine Garden • South Elevation  
Condition Survey**



MARINE GARDEN PEACOCK COLUMNS



Historic images of peacock columns 1 and 2 during construction.



Although this sculpted peacock is largely original, the sphere on which the bird is standing is a cast reproduction. The base on which the sphere rests is cracked and suggests that the top sculpture was carved separately and is probably keyed to the column with a pin and socket joint.



The column capital has major dimensional loss most notably on the southwest volute. In addition a ring of wire is located below the volutes which may be assisting in holding the capital together. At the intersection of the capital and the column shaft patching suggests that the elements are separate. The patching does not attempt to convey the quality of the original stone.



The original column shaft decoration contained a wound garland of stylistic leaves and fruit suspended from a vine. Previous replacement of the leaves appears unnatural and heavy in comparison to the original.



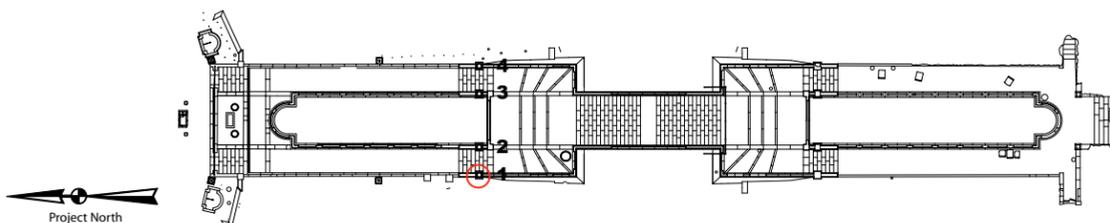
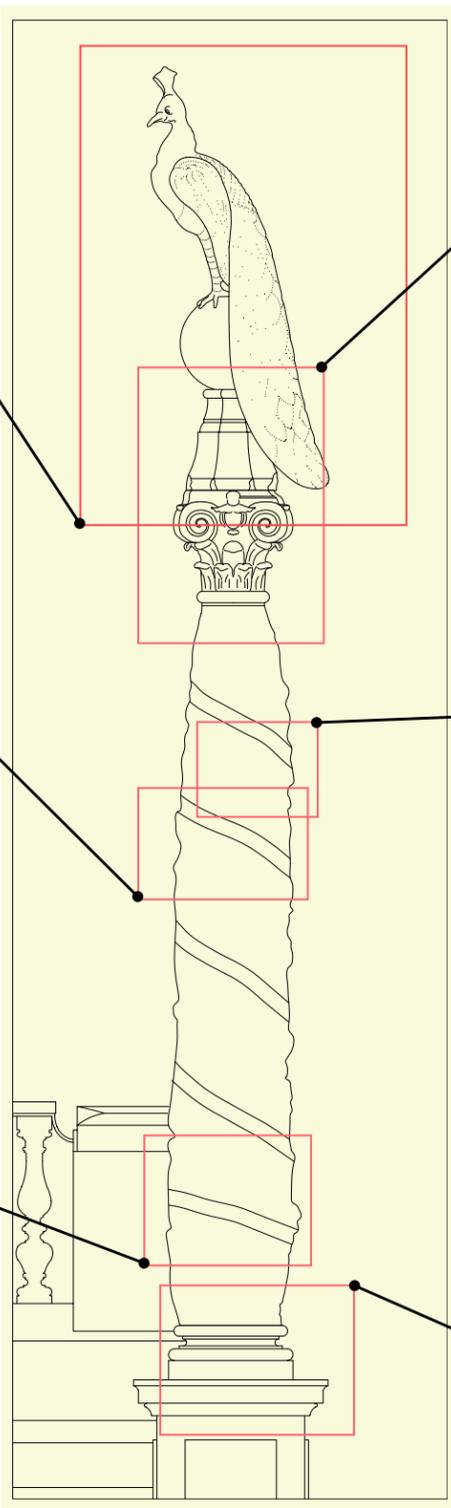
Mortar repairs on the upper third of the column do not recreate the texture and color of the original carved stone. However, an effort was made to recreate some of the garland details by attaching cast leaves and direct modelling the spiraled vine.



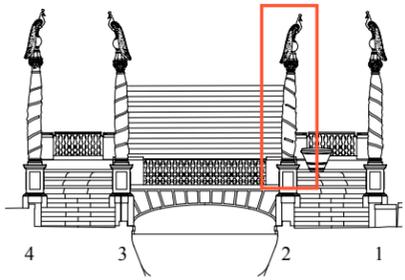
Patching at the bottom of the column appears to have been carried out in two campaigns. All mortar repairs are poorly executed.



The entire base of the column has been mortar repaired.



MARINE GARDEN PEACOCK COLUMNS



Historic images of peacock columns 1 and 2 during construction.



Extensive cementitious repairs are evident on the juncture of top of the capital and the base for the peacock sculpture. The repair conceals where the sculpture was completely separated from the column. The execution of this patch is poor.



Although there is evidence of major repairs on all of the peacock sculptures, the Column 2 peacock appears to be a complete replacement casting. Seams along the tail are evident and the beak of the bird is oversized in comparison to those of the other columns. The chest, thighs, and feet all appear heavy and ungraceful. In addition the texture, color, and general appearance of the original stone has not reproduced in the replacement.



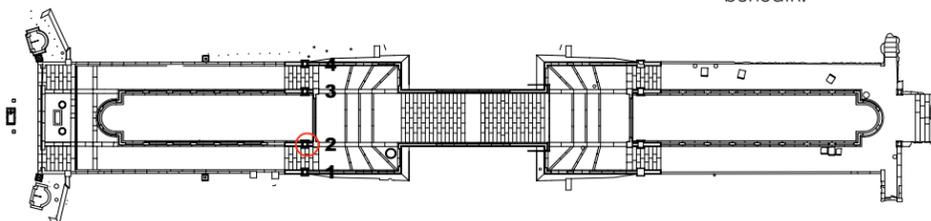
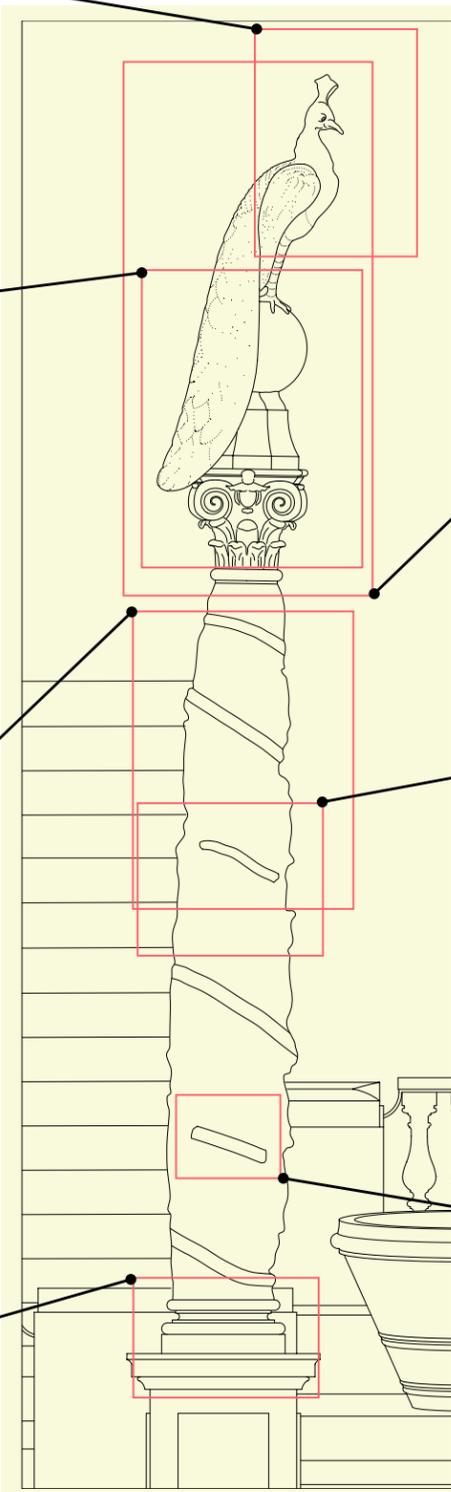
Due to excessive weathering of the stone, areas of the original carved relief of the columns have been lost.



With mortar repairs to all of the columns, there is evidence of multiple layers where the columns may have been repaired more than once, or a finish coat was added in an attempt to integrate the patch into the original form. For column 3 the top coat has begun to deteriorate, exposing the earlier patching material beneath.

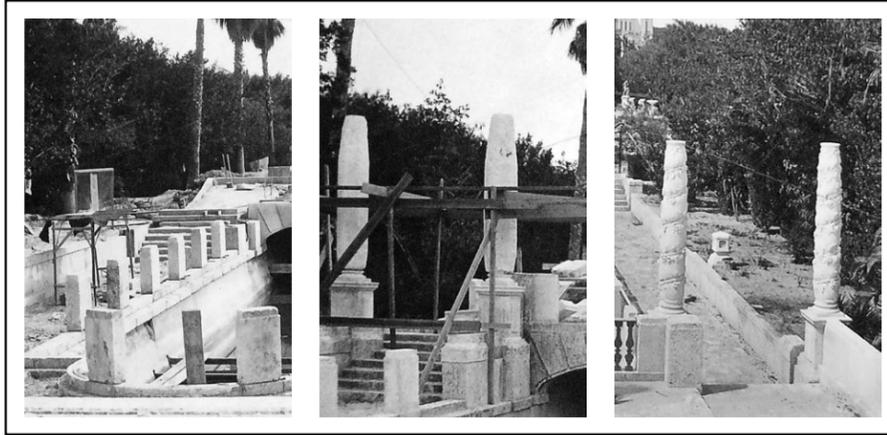
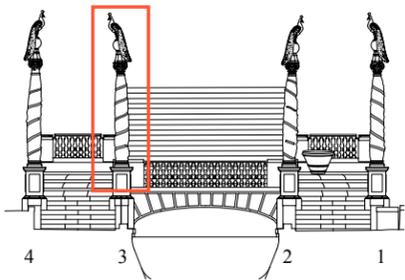


As in other cases, the column base has been completely repaired.



Project North

MARINE GARDEN PEACOCK COLUMNS



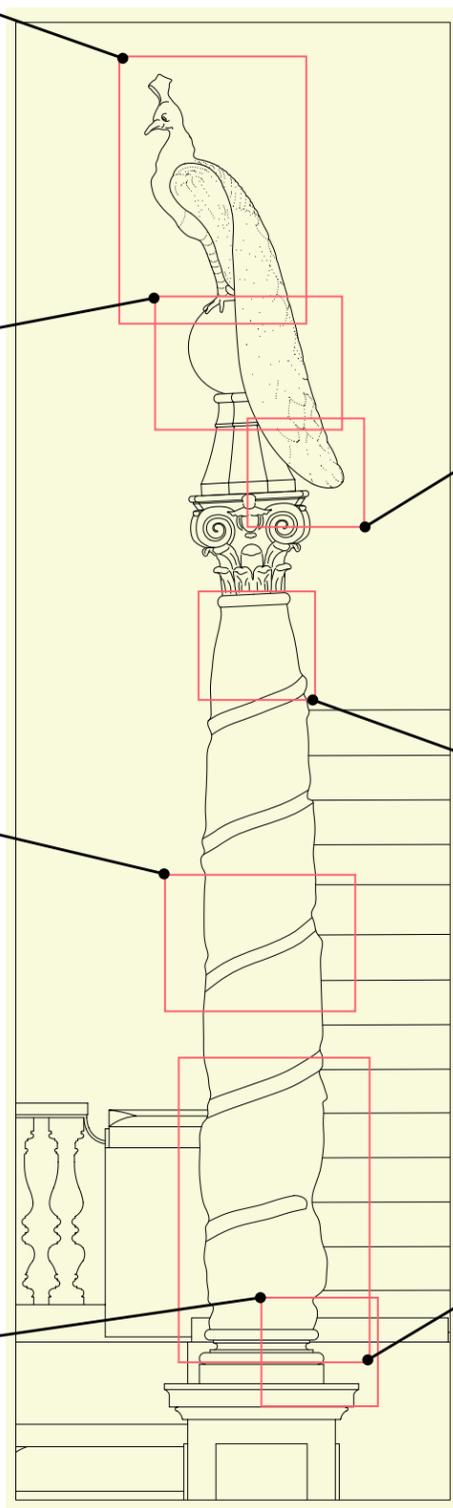
Historic images of peacock columns 3 and 4 during construction.



At mid-level in the shaft of Column 3 is a patch which was created in an effort to re-establish the continuity of the decorative garland. Although the vine has been re-established, no attempt was made to recreate the lost leaves and fruit. The patch is poorly executed creating a visually jarring effect to the continuity of the column.



Like all of the other columns, severe failure and repair is evident at the bottom of the column where the shaft meets the base. The patching effort here is extremely poor in execution with no attempt to visually match the original stone.



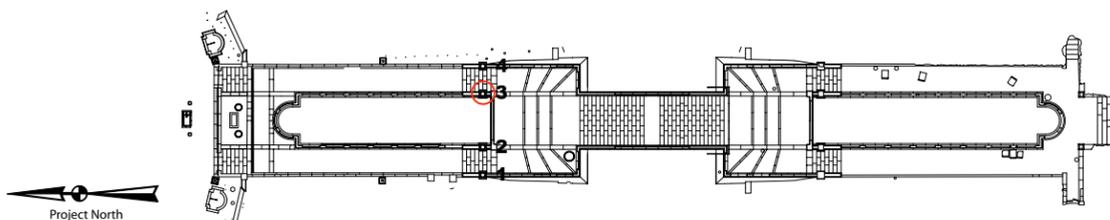
The Column 3 peacock sculpture appears to be the best preserved of the four figures. Although the head and portions of the feet are clearly replaced with mortar, the large sphere on which the bird sits is original stone. The form supporting the sphere is also completely replaced. Although the tail of the peacock on Column 3 appears to be of original stone, the underside has been repaired.



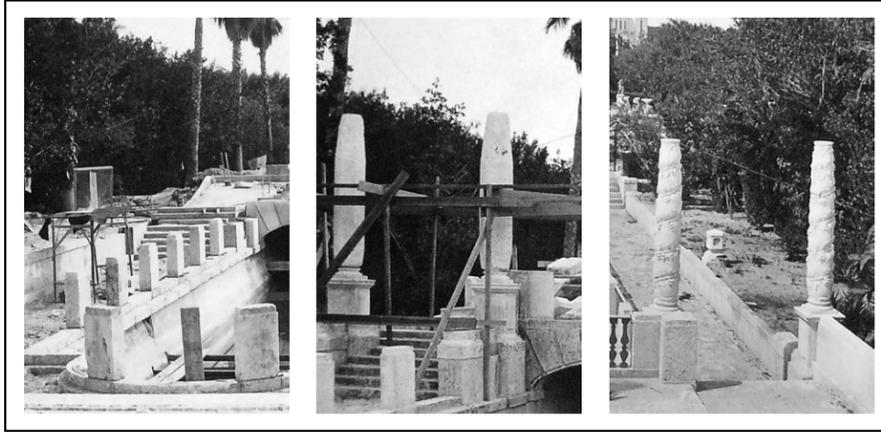
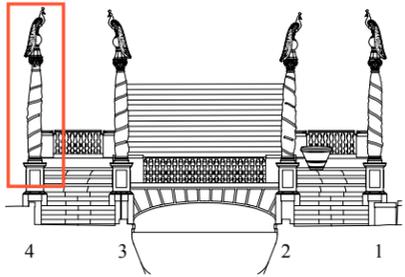
In two locations on Column 3, mortar patches have been applied and tooled to approximate the original stone carving. This type of patterning is not found in any other location on the four columns.



A large patch at the bottom of the shaft of the column clearly shows the visual inconsistency between the original carved stone and the applied mortar repairs.



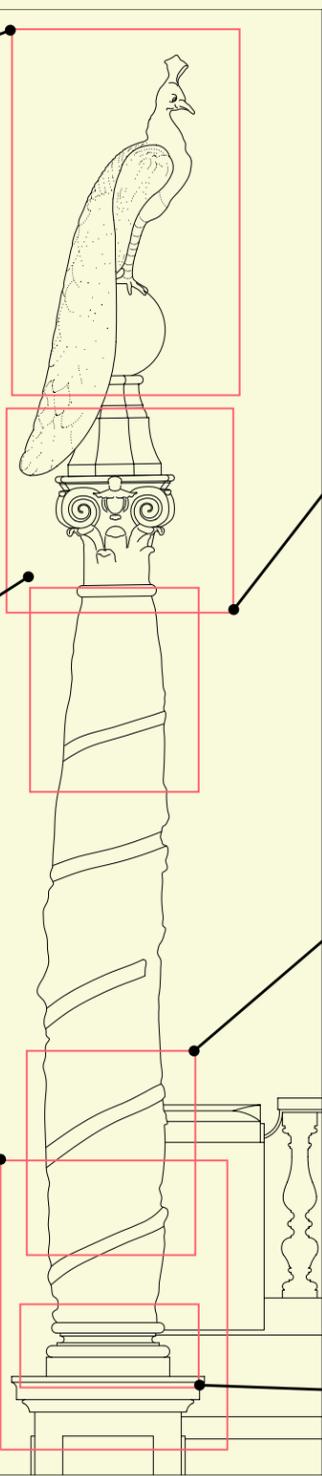
MARINE GARDEN PEACOCK COLUMNS



Historic images of peacock columns 3 and 4 during construction.



Although the majority of the peacock appears to be original including the head, several areas have been poorly patched. These areas include the neck, the lower portion of the legs and the bottom portion of the wing. The sphere on which the bird is placed is original stone.



Unlike the other columns, there appears to be no severe damage between the peacock and the capital. Failure on this column is within the capital itself where an attempt has been made to model the acanthus leaves in mortar.



Patching found in the lower third of the column displays similar cracking found in the patches of the upper third.



A major area of patching exists within the top third of the column which shows excessive cracking. Some attempt has been made to recreate the decorative garland by incorporating cast replicas of leaves similar to those found in Column 1.



The patching at the juncture of the shaft of the column and the base is very poorly executed with little attempt to recreate the sharpness of the original. In addition, the proportion of moulding are inaccurate.

