



FREER GALLERY OF ART

IMPROVE COURTYARD ACCESSIBILITY

Applicant

SMITHSONIAN INSTITUTION

1000 Jefferson Drive SW, Washington DC 20024

Points of Contact:

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Project Address

National Mall
Jefferson Drive and 12th Street, SW

Final Review Submission U.S. Commission of Fine Arts

Filing Date: October 1, 2020
Meeting Date: October 15, 2020

Drawings and Narrative Prepared by:

HARTMAN-COX ARCHITECTS

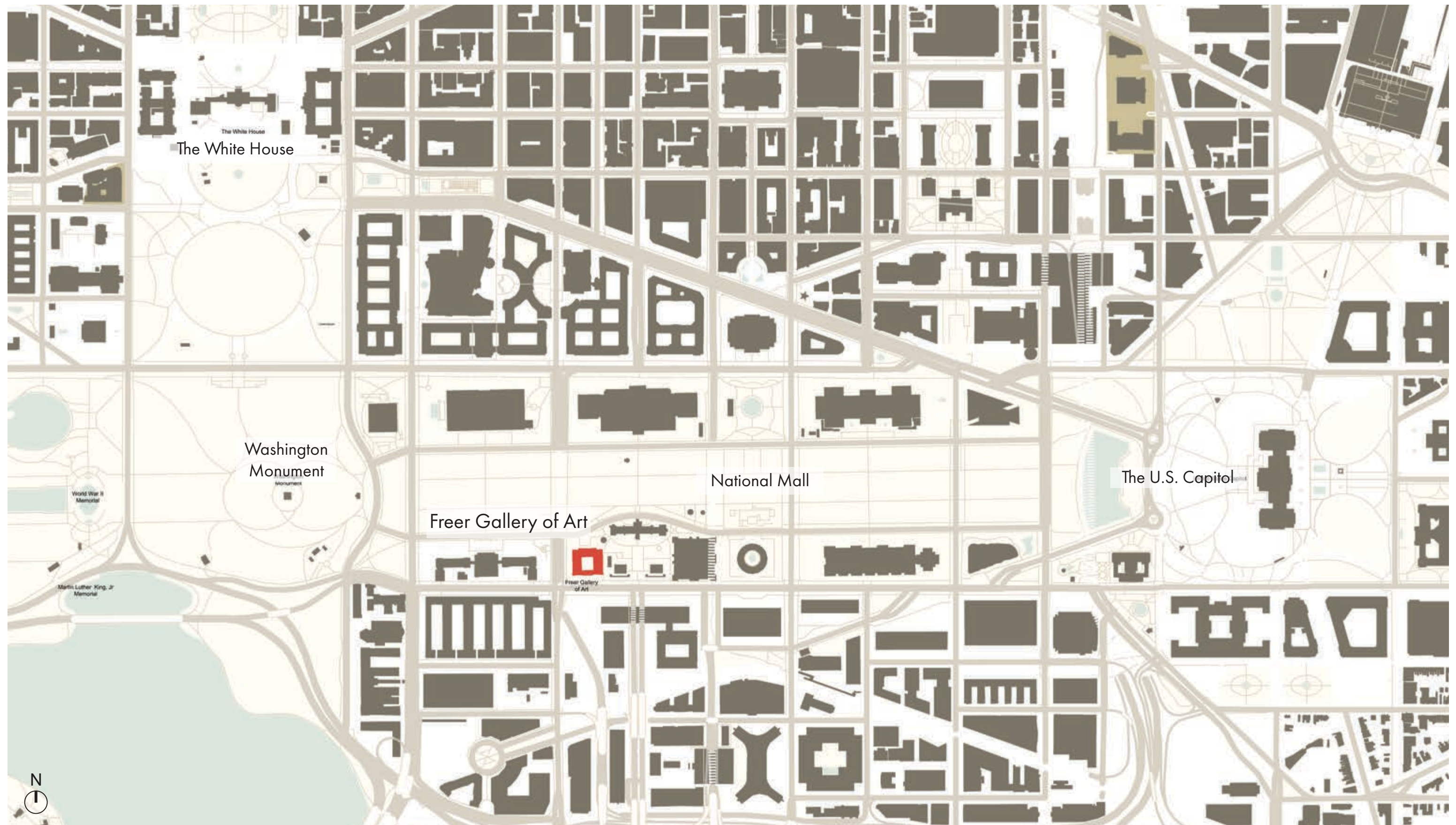
1074 Thomas Jefferson St NW
Washington DC 20007

RHODESIDE & HARWELL

510 King St, Ste 300
Alexandria, VA 22314

on behalf of:

SMITHSONIAN INSTITUTION

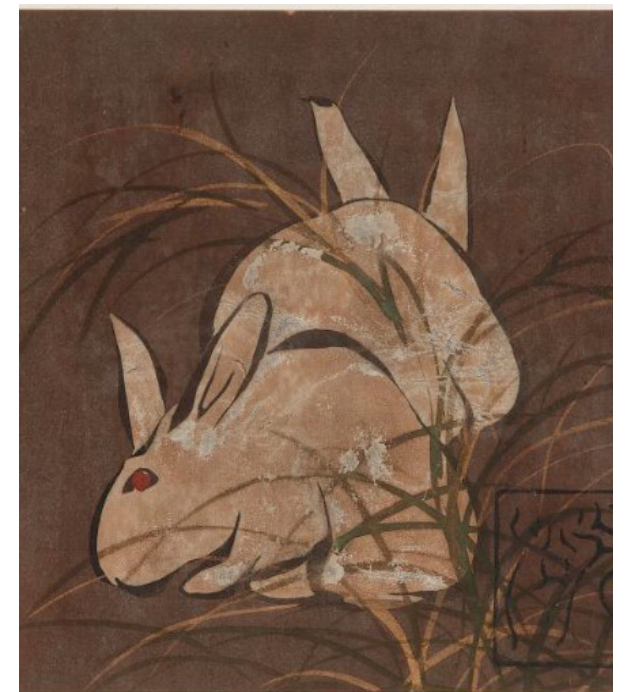


VICINITY MAP



EXISTING MAIN ENTRY FACADE

Freer Courtyard Landscape



Existing Conditions



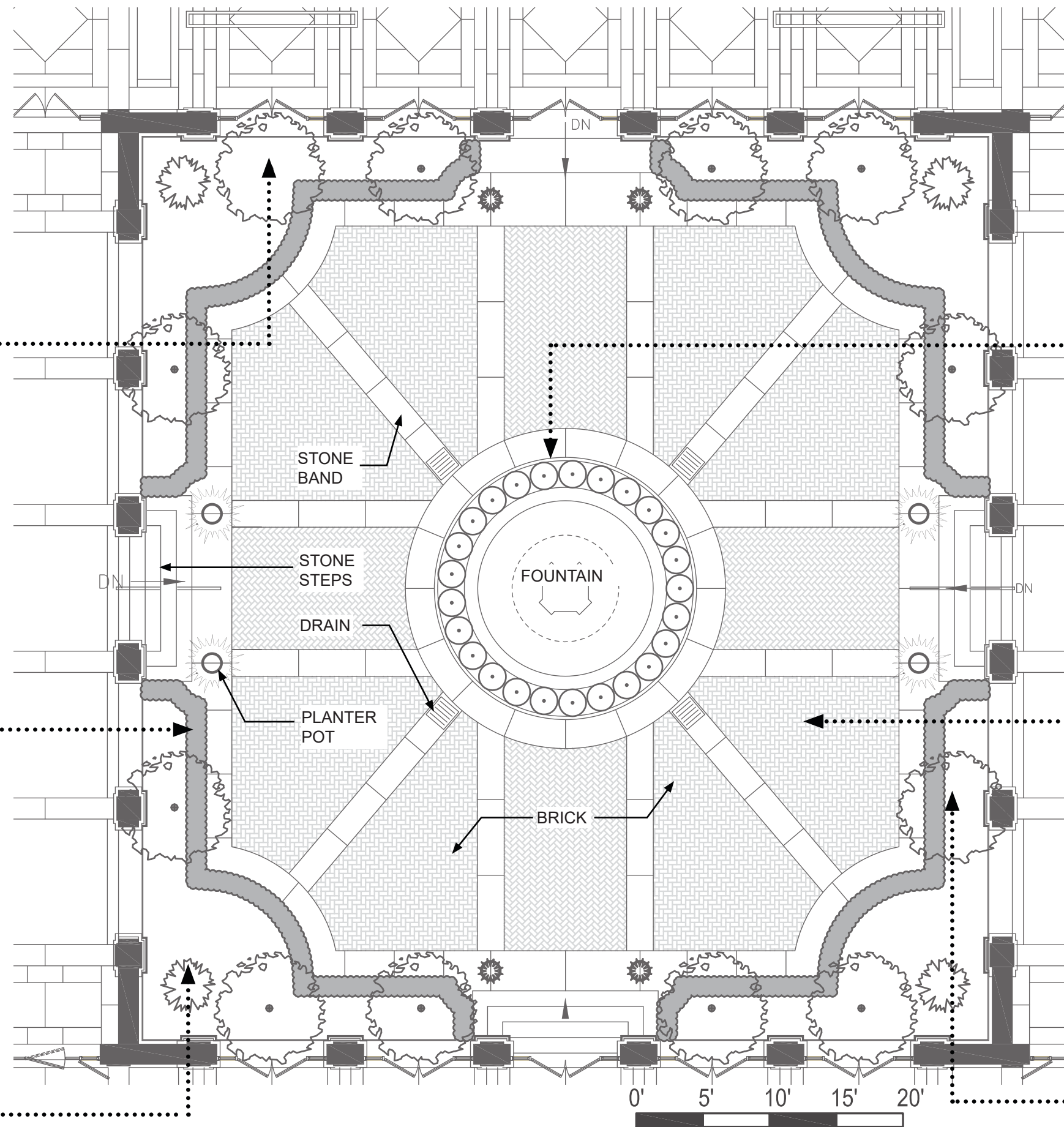
PERSIAN IRONWOOD



BOXWOOD HEDGE



HINOKI CYPRESS



BOXWOOD HEDGE



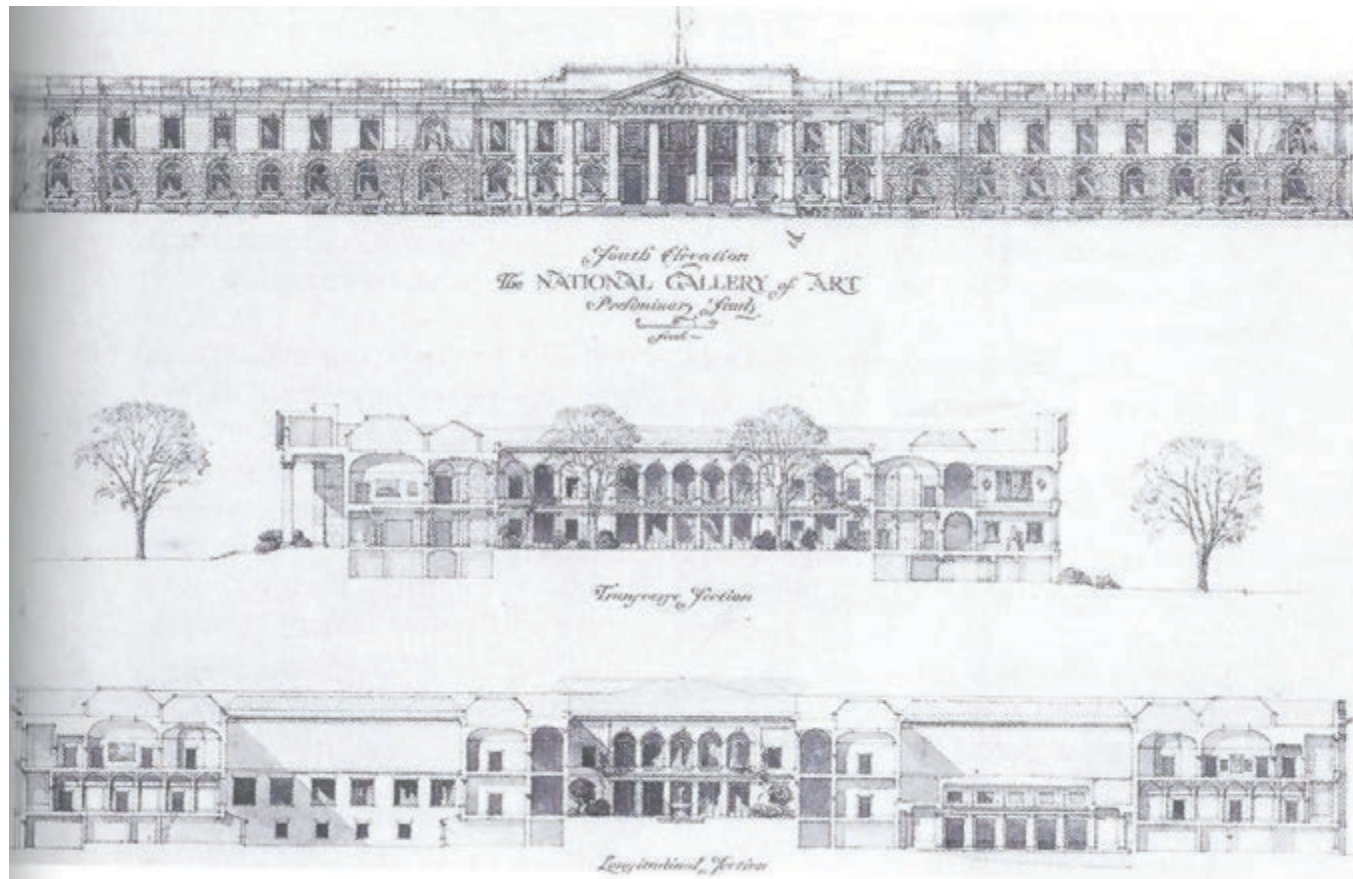
BRICK AND STONE PAVING



JAPANESE MAPLE

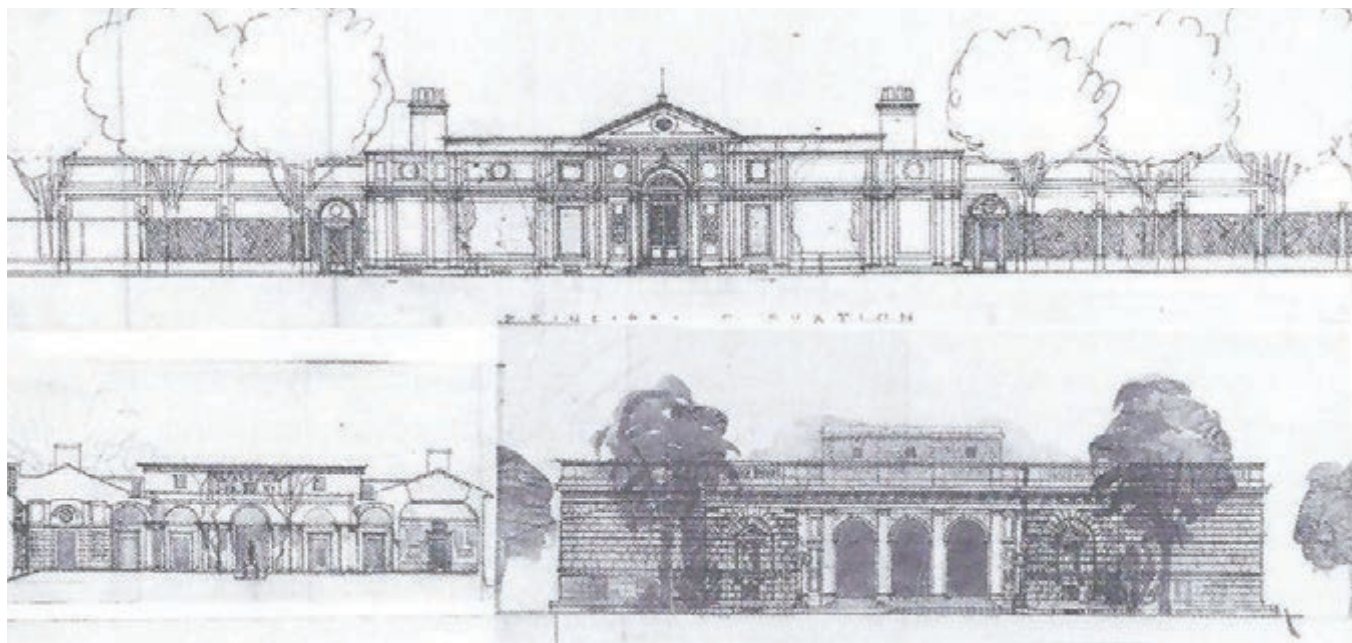
EXISTING CONDITIONS

Historic Background



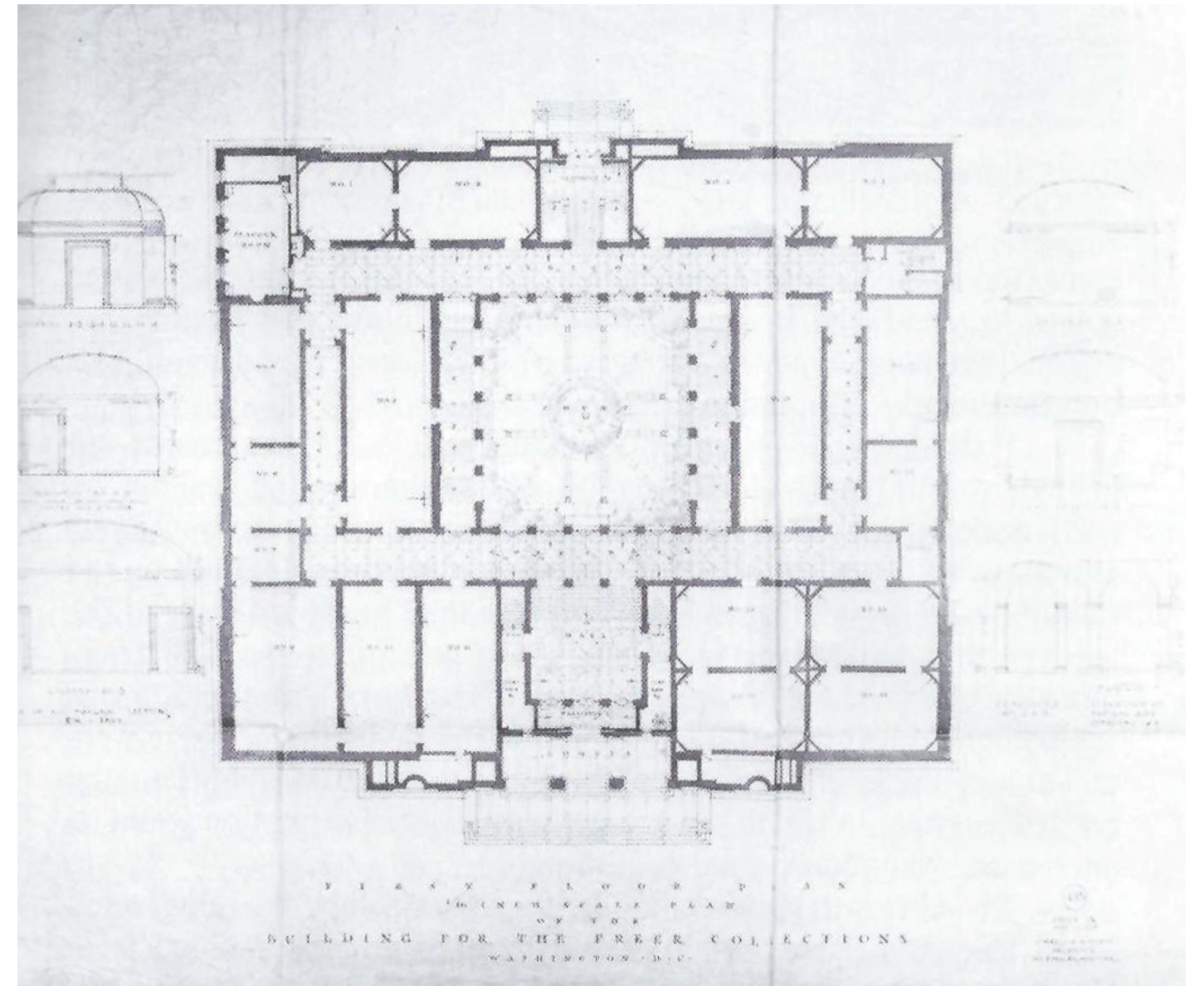
1924

Elevation and Section, preliminary study, National Gallery of Art project, Washington, D.C., 1924. Fig. 115. Morgan, Keith N.; *“Charles A. Platt, The Architect as Artist”*; MIT Press, 1985.



1915

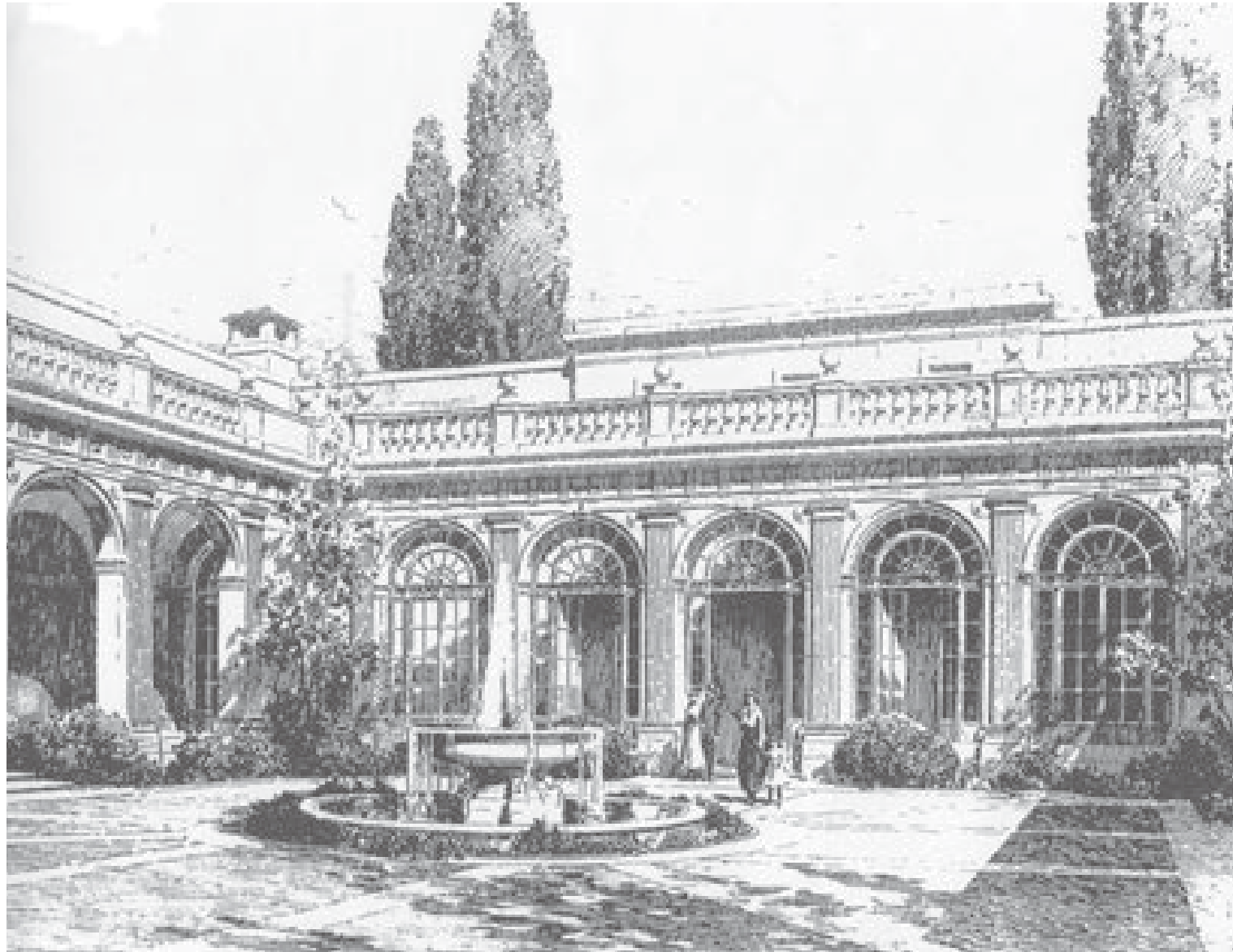
Elevation and Section studies, Freer Gallery, ca. 1915. Rendering by Schell Lewis. Fig. 110. Morgan, Keith N.; *“Charles A. Platt, The Architect as Artist”*; MIT Press, 1985.



1918

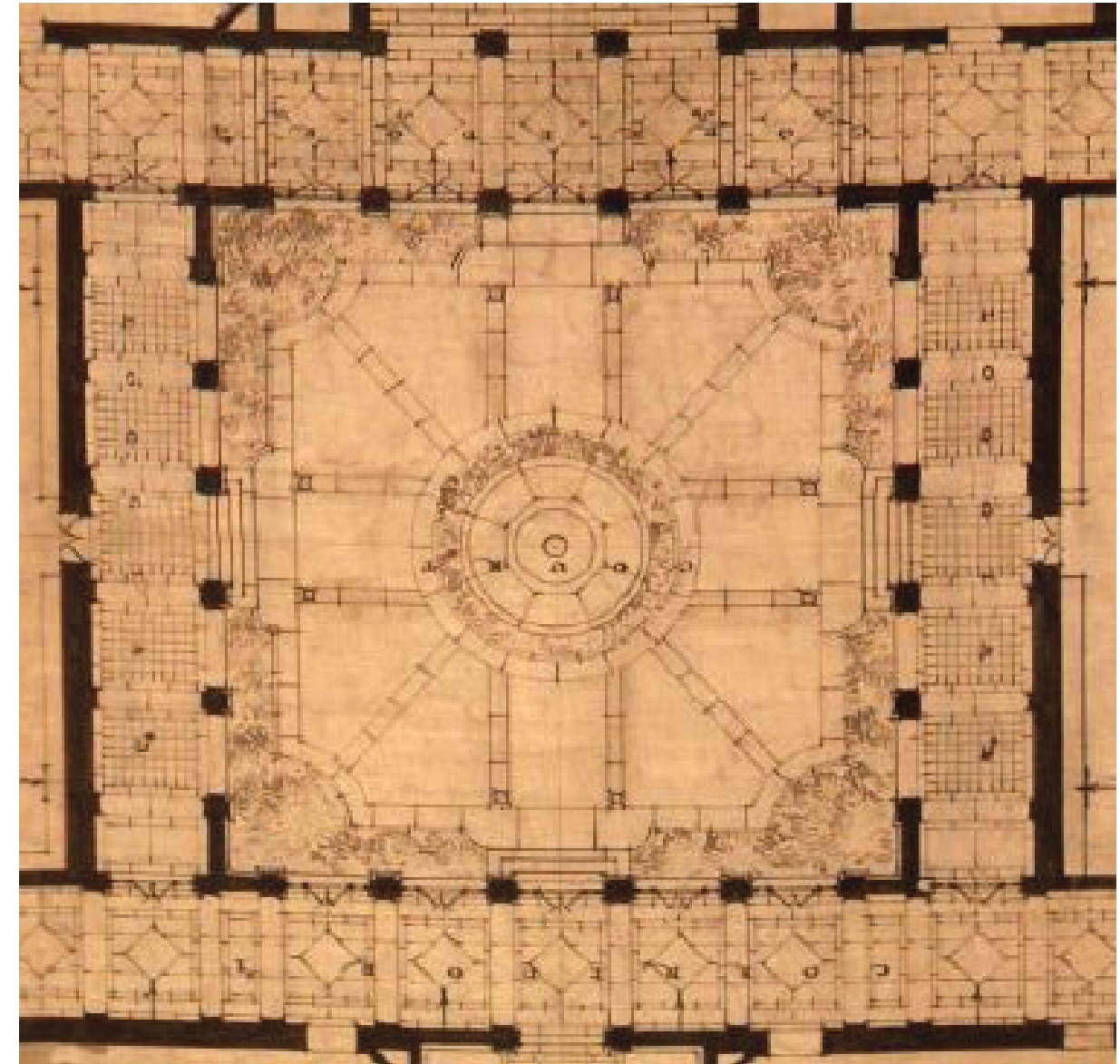
First floor plan, Freer Gallery. Fig. 112. Morgan, Keith N.; *“Charles A. Platt, The Architect as Artist”*; MIT Press, 1985.

HISTORIC REFERENCE



1920

Platt's rendering of the courtyard as presented to the CFA in 1920.
SI South Mall Campus Cultural Landscape Report, Figure 2-70. Feb. 2018.



Note: Plan has been reoriented so that North is facing up.

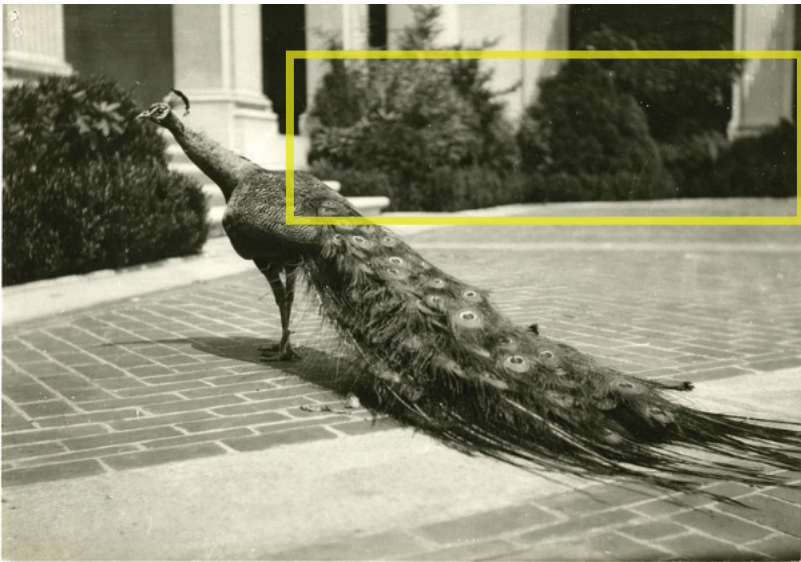
1918

"First Floor Plan of the Building for the Freer Collections" Sheet A,
Charles A. Platt, May 16 1918. Charles A. Platt Architectural Records
and Papers, Dept of Drawings and Archives, Avery Architectural and
Fine Arts Library, Columbia University, New York, N.Y.

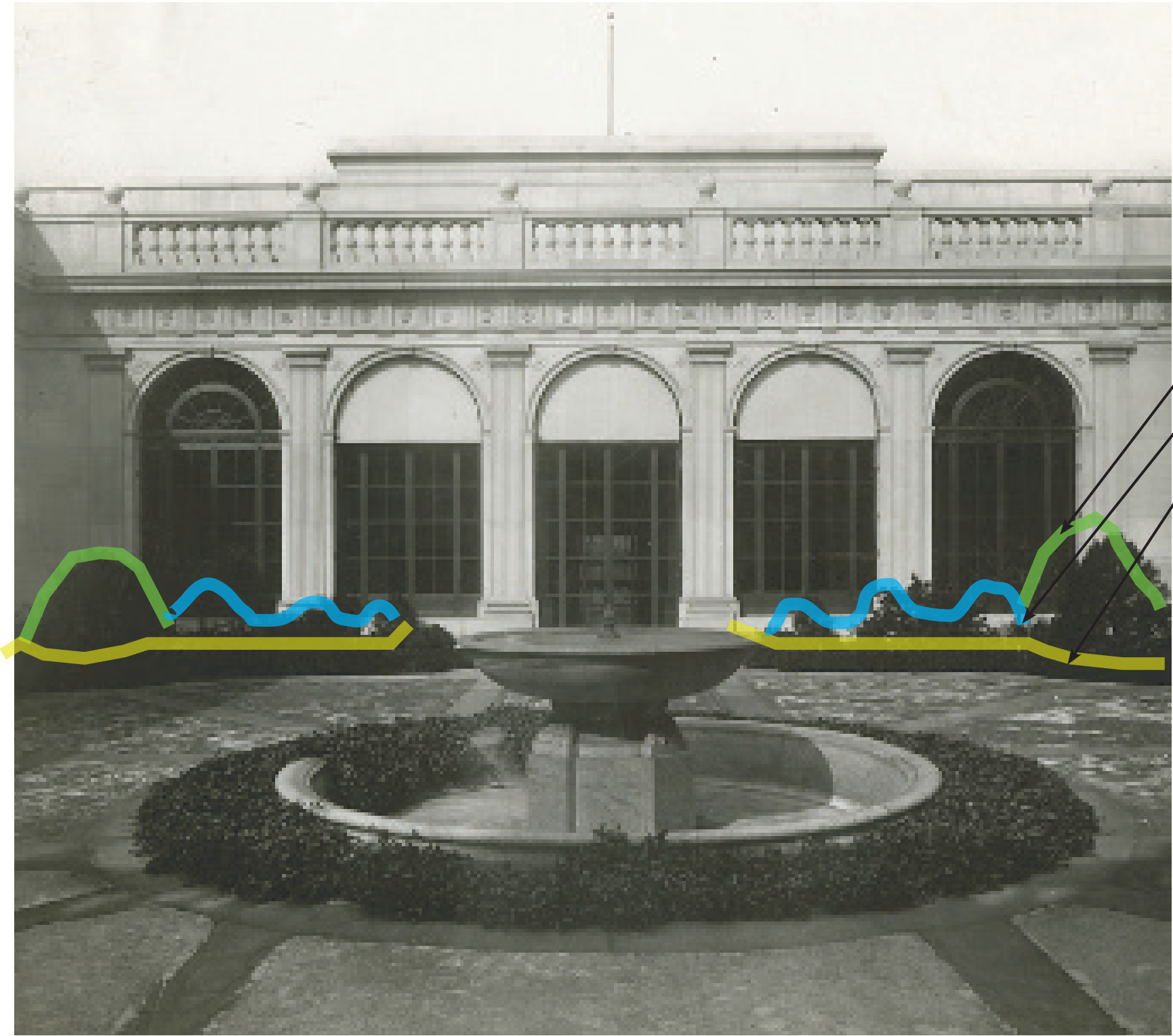
The character of the low border can be seen in the close up historic photos below.



ca. 1930



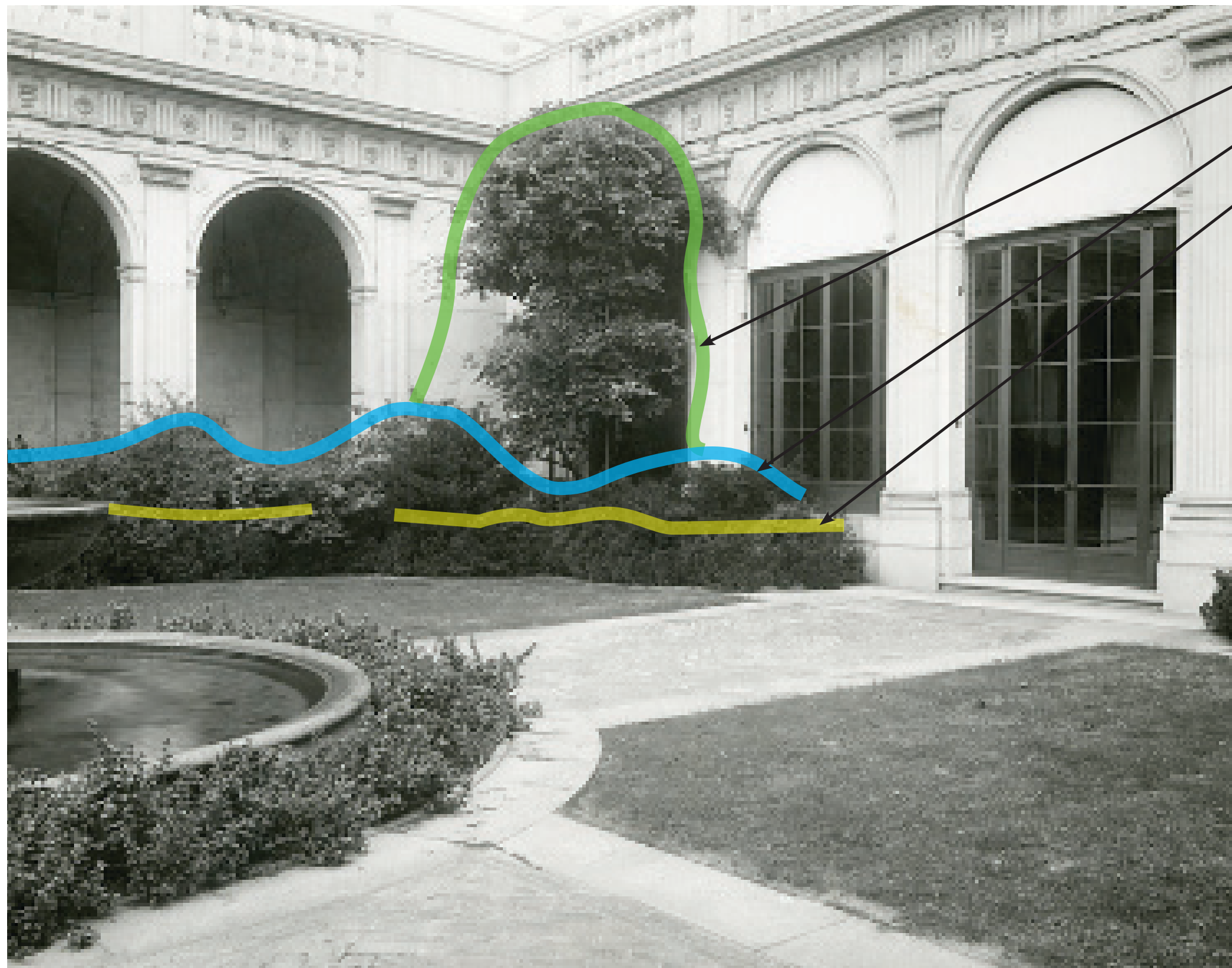
ca. 1923



Possibly before the opening ca. May 1923

- Vertical Anchor at Corners
- Shrub Masses
- Formal Low Border

HISTORIC REFERENCE

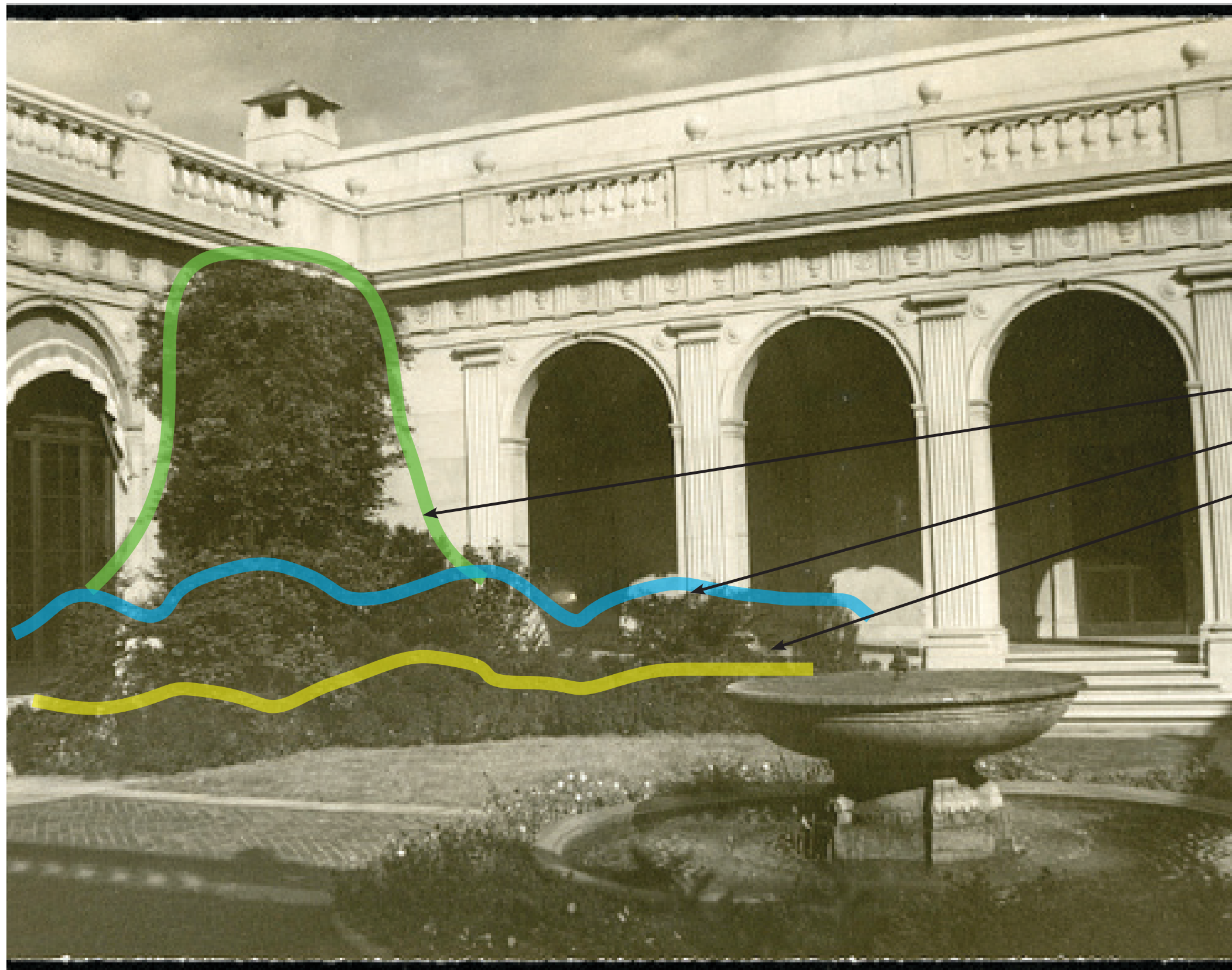


Vertical anchor at corners

Shrub masses

Informal Low Border

Photo dates unknown - possibly ca. 1928



Vertical Anchor at Corners

Shrub Masses

Informal Low Border

ca. 1942

HISTORIC REFERENCE



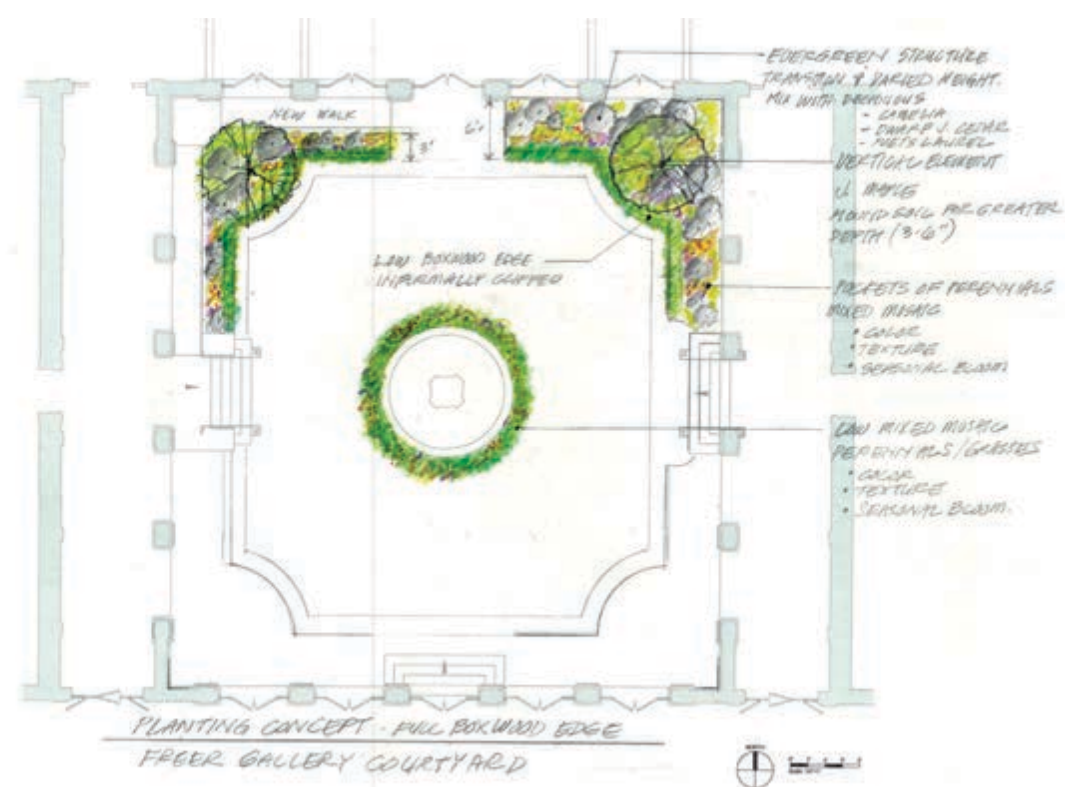
Wisteria on the North wall; ca. 1925

Regarding Italian gardens: "The south wall is typical of what a garden should be, covered as it is in vines of every sort. These make masses of varied greens, which, with the bloom of the flowers is very telling against the white wall." (p.33). Platt, Charles, "Italian Gardens"; Timber Press, 1993.

HISTORIC REFERENCE

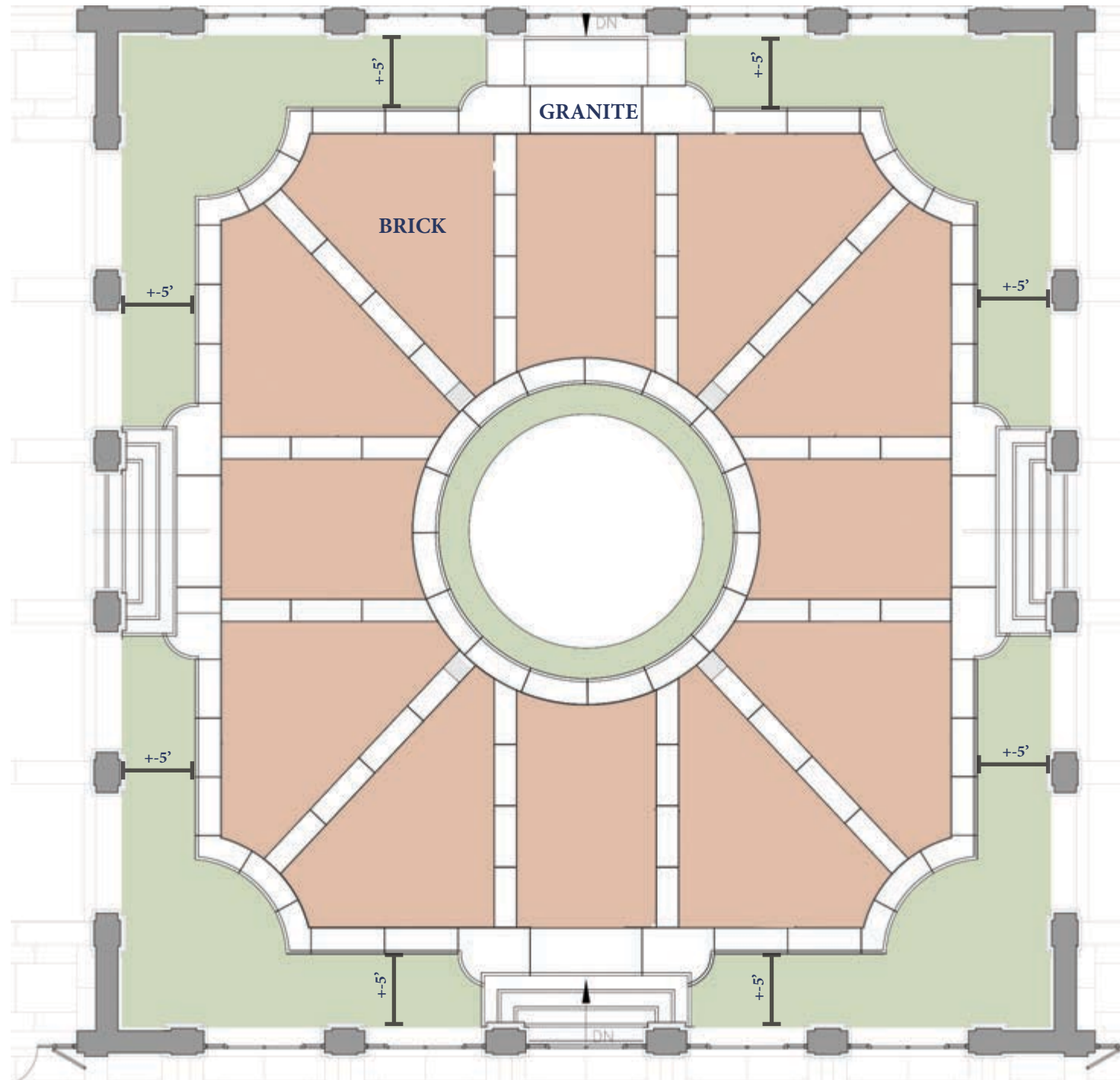


South Elevation looking North

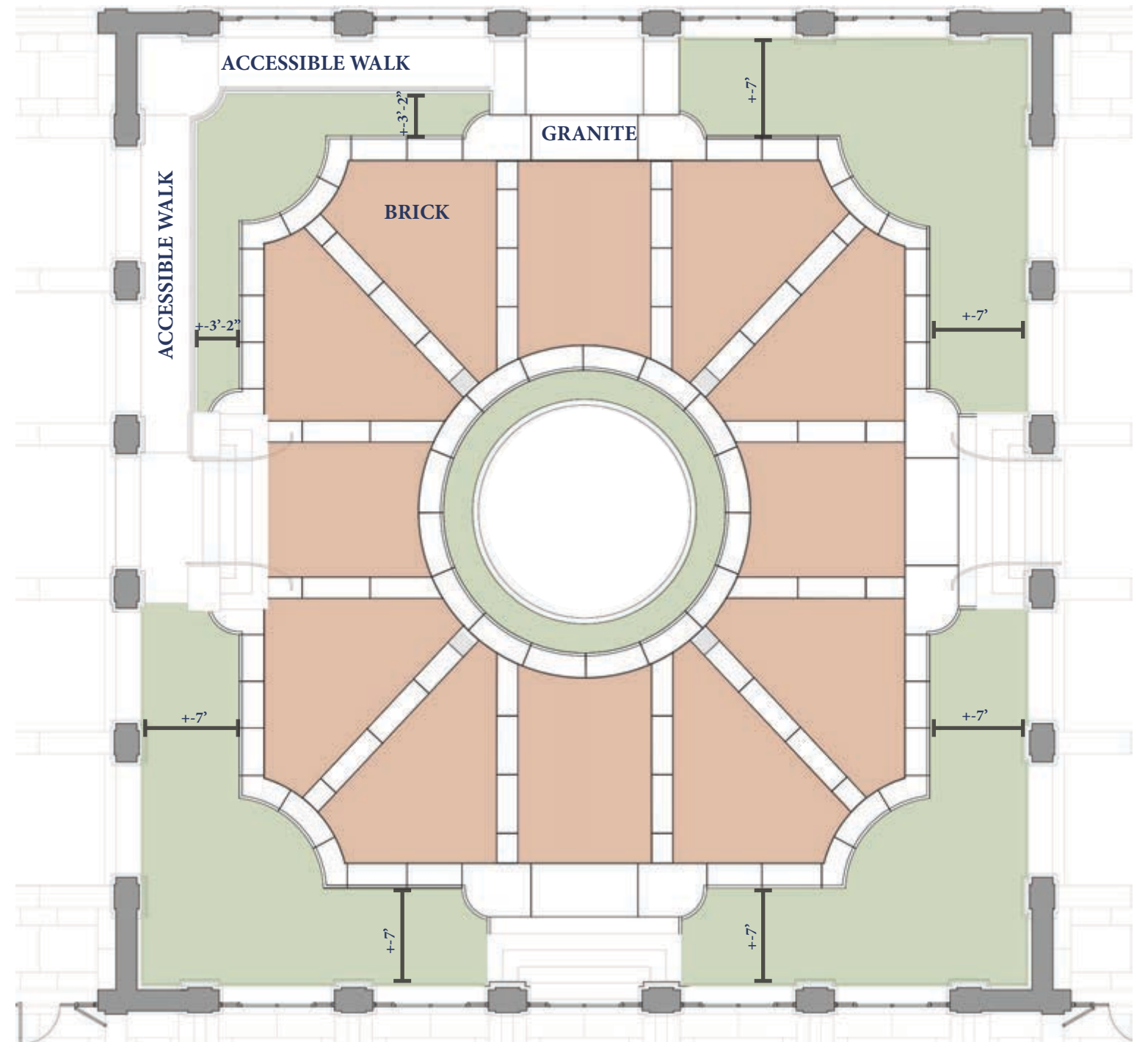


CONCEPT SKETCHES

Pavement Layout Strategy



Existing Pavement Condition:
2,751 sq. ft. paving area, 1020 sq. ft. planting area.



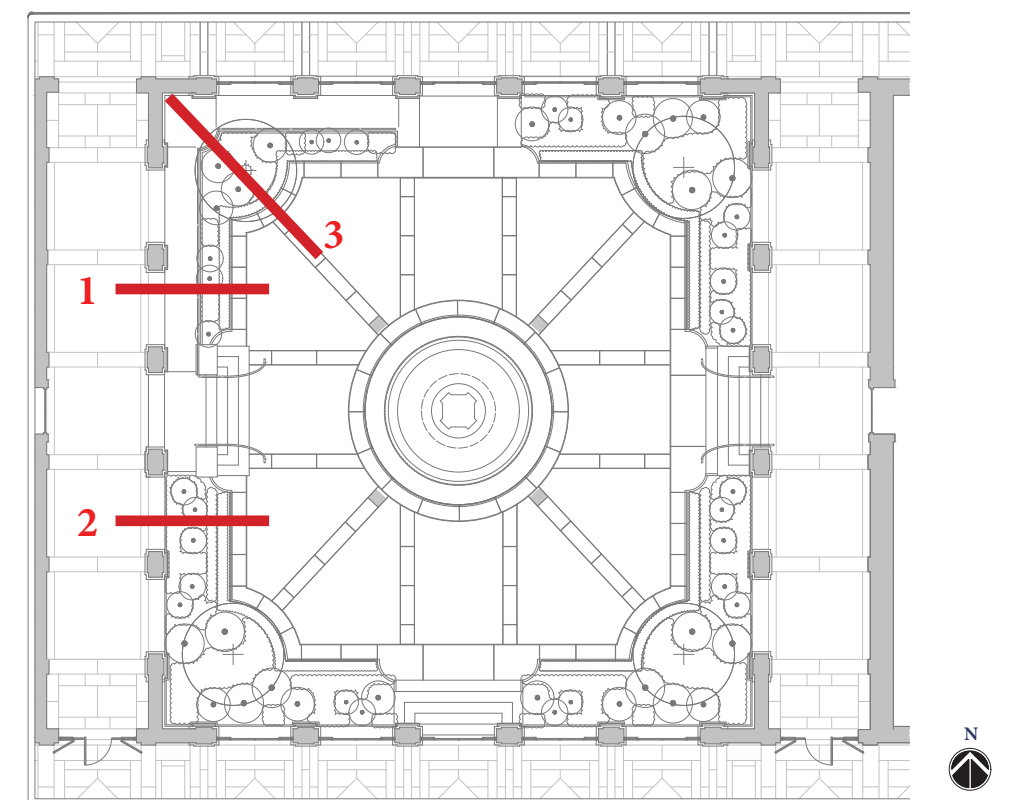
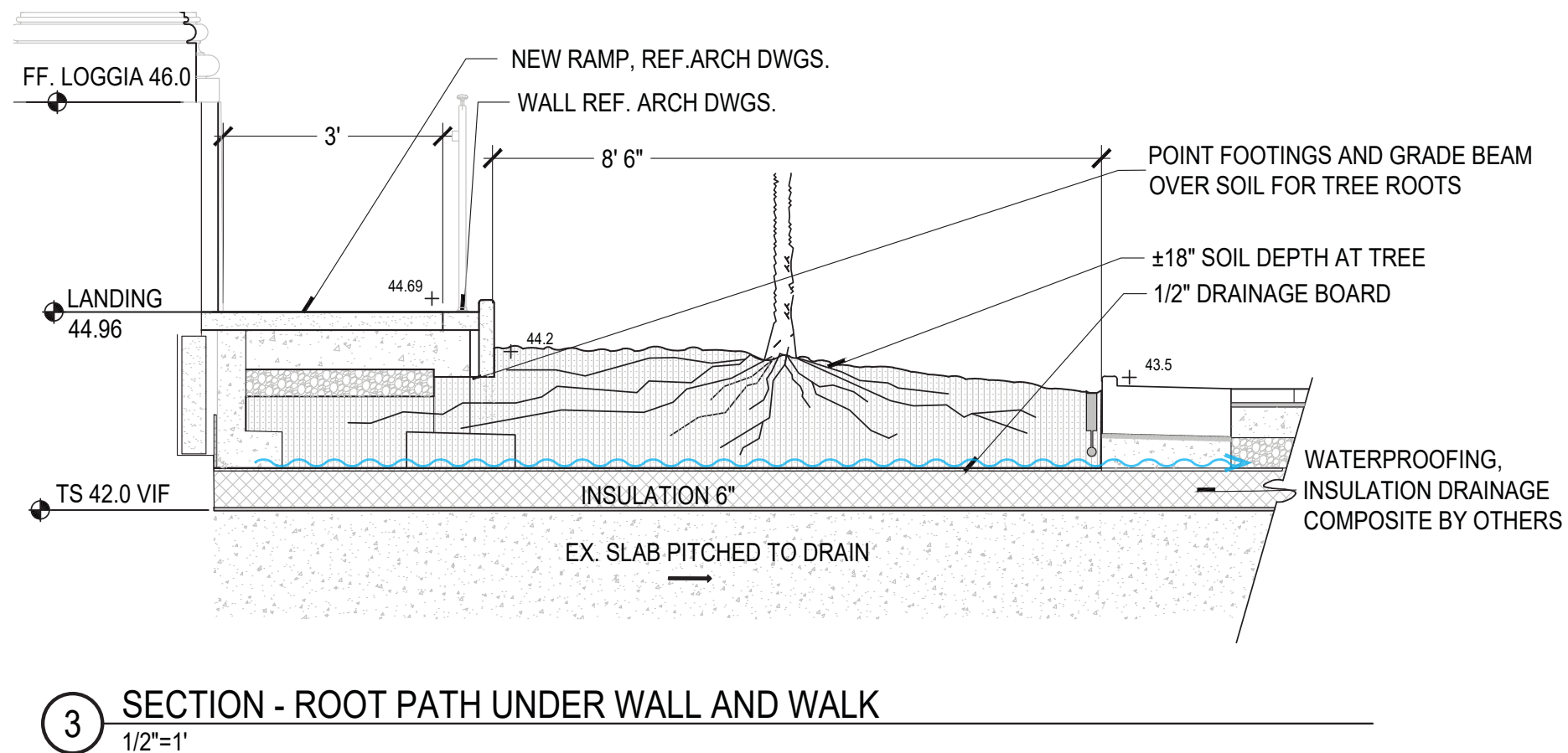
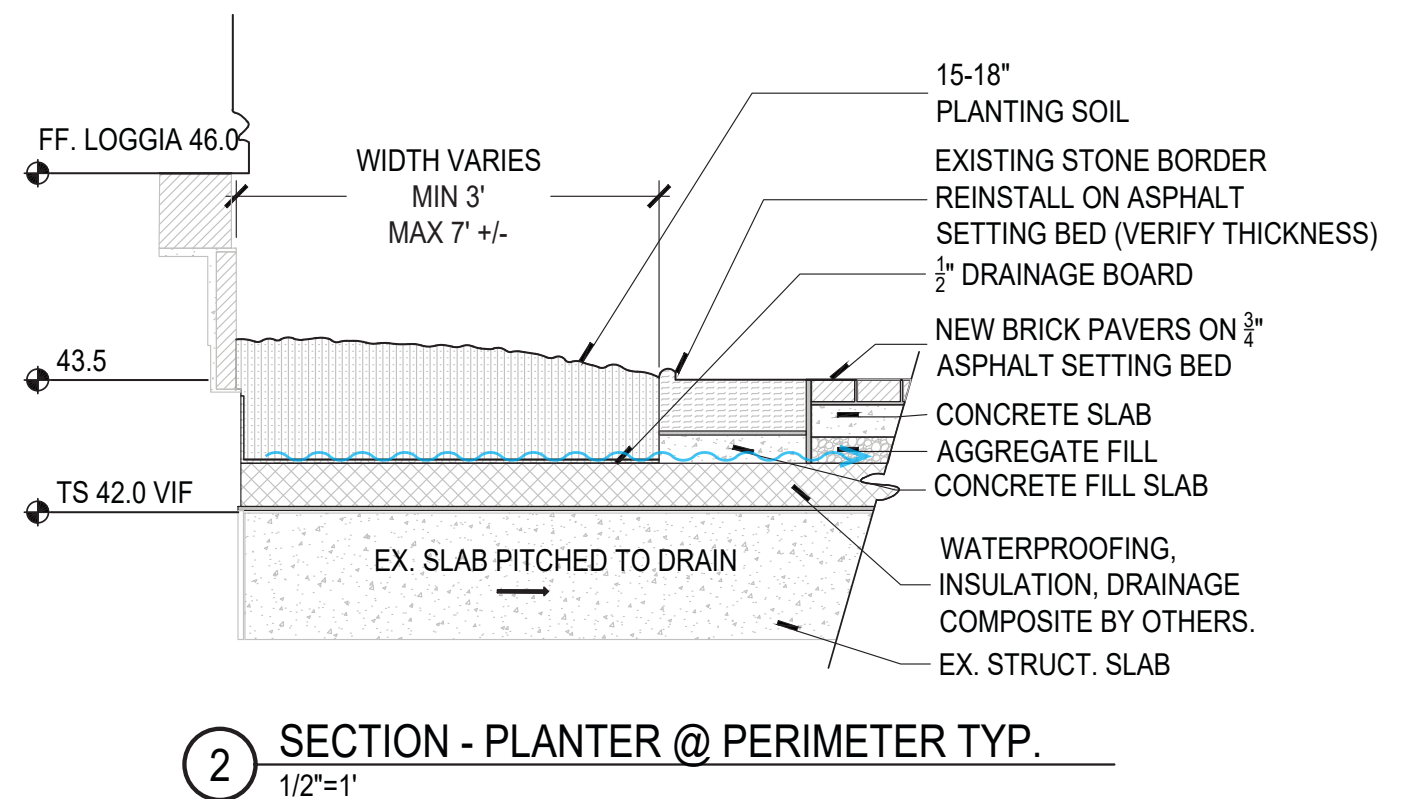
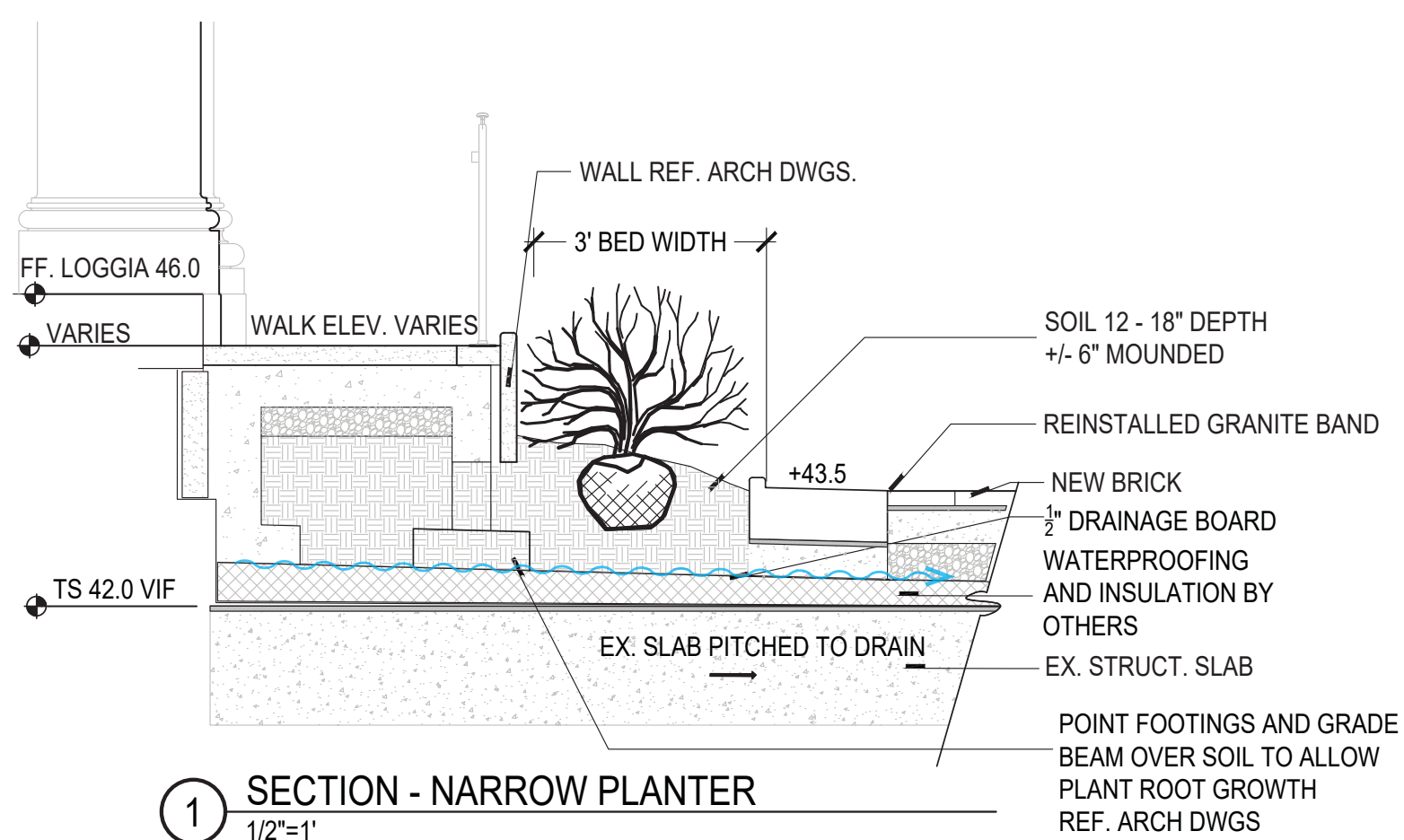
Proposed Pavement Condition:
2,321 sq. ft. paving area, 334 sq. ft. accessible walk, 1143 sq. ft. planting area.

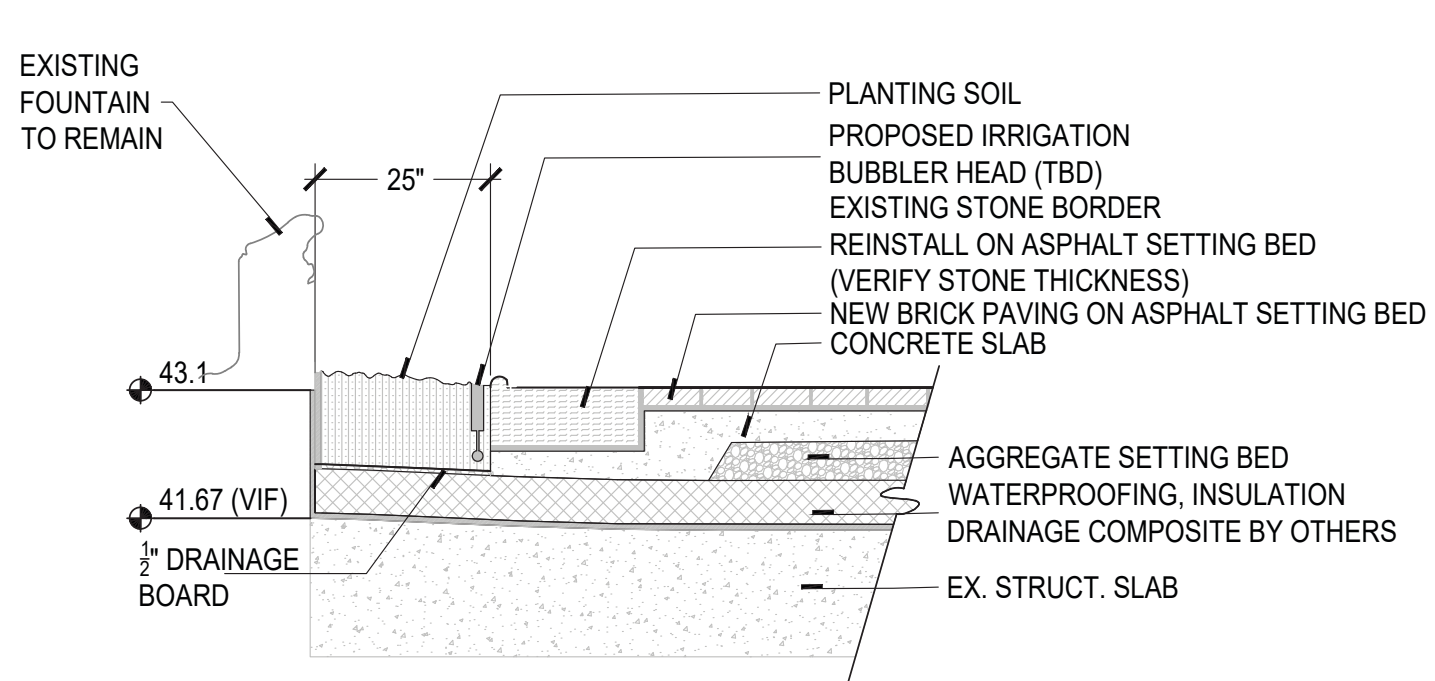


Total Pavement Reduction: 430 sq. ft.

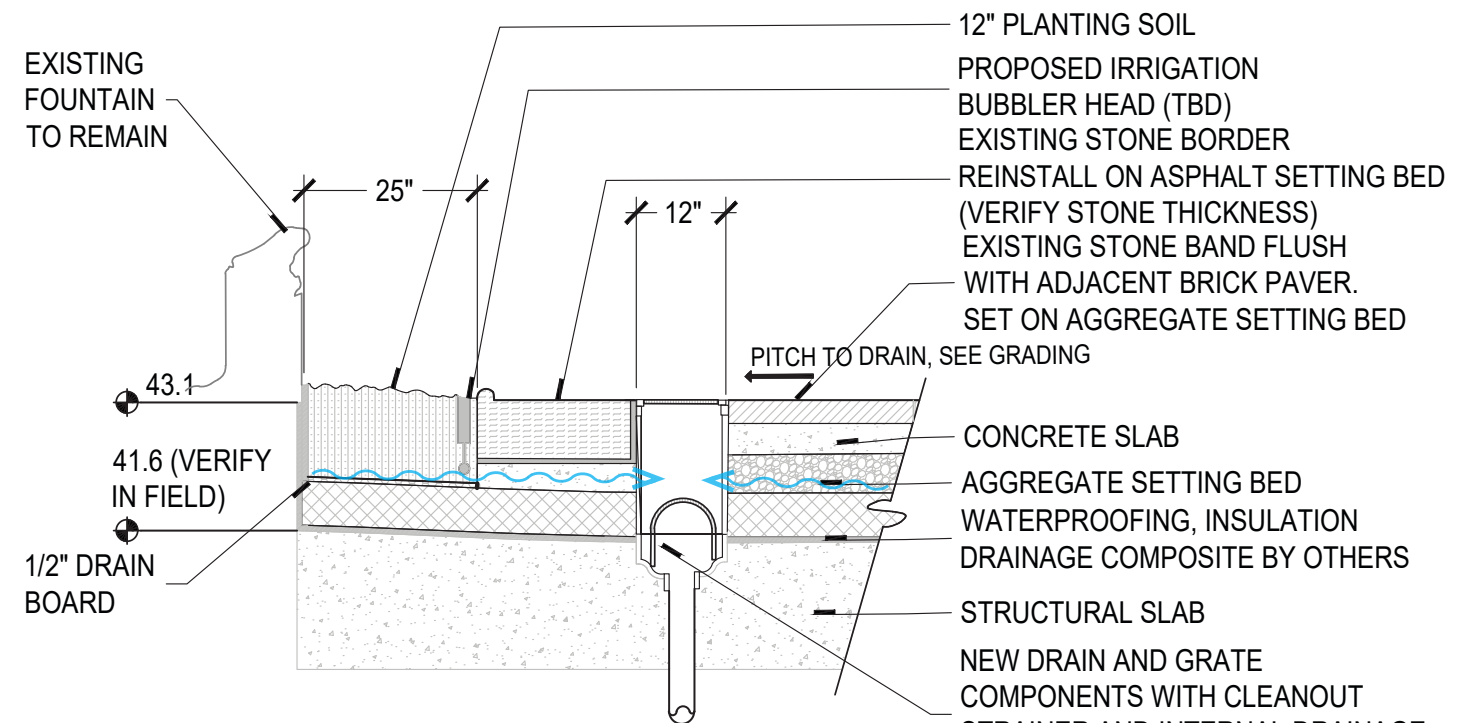
PAVEMENT LAYOUT

Planting Details

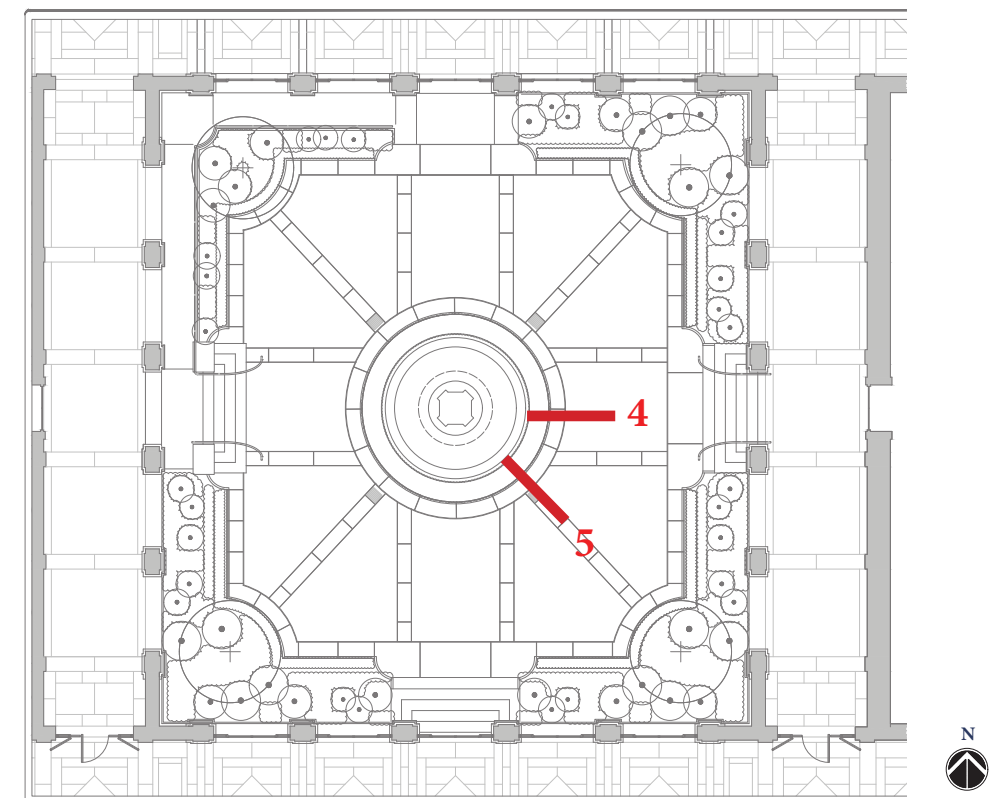




4 SECTION - PAVING EDGE / PLANTER @ FOUNTAIN
1/2"=1'



5 SECTION - DRAIN AND PAVING AT PLANTING
1/2"=1'



DETAILS: FOUNTAIN EDGE

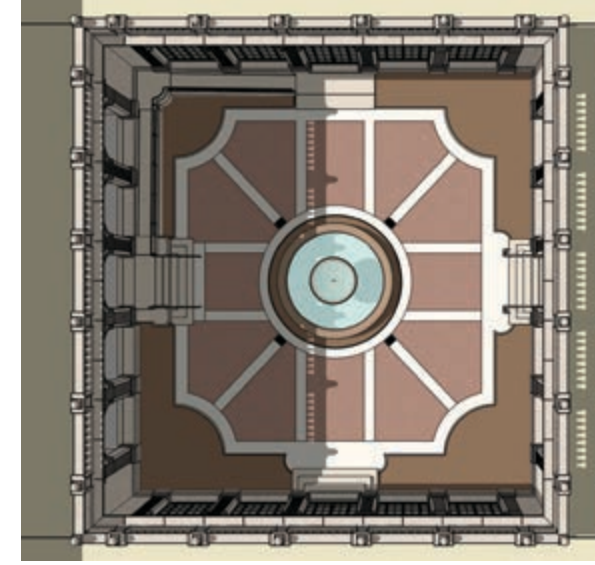
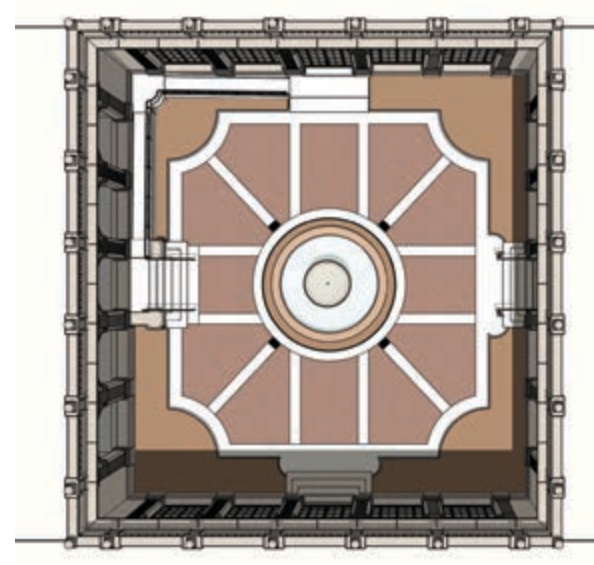
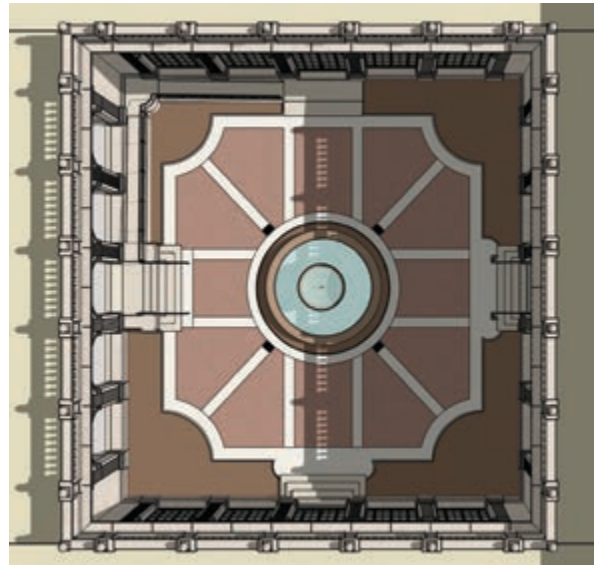
Shade Study

8AM

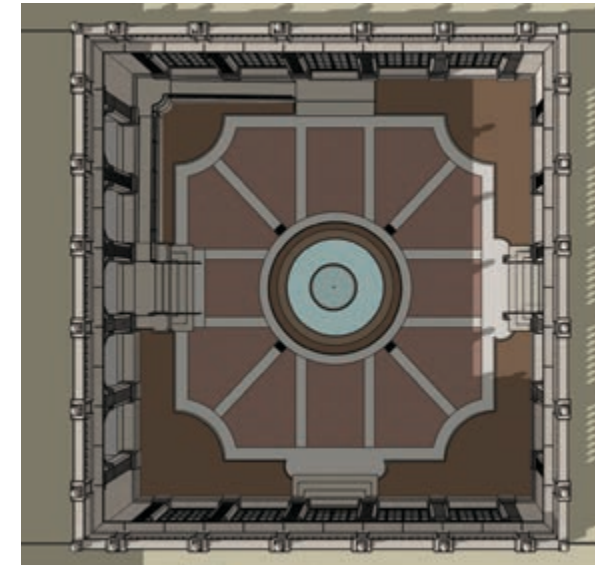
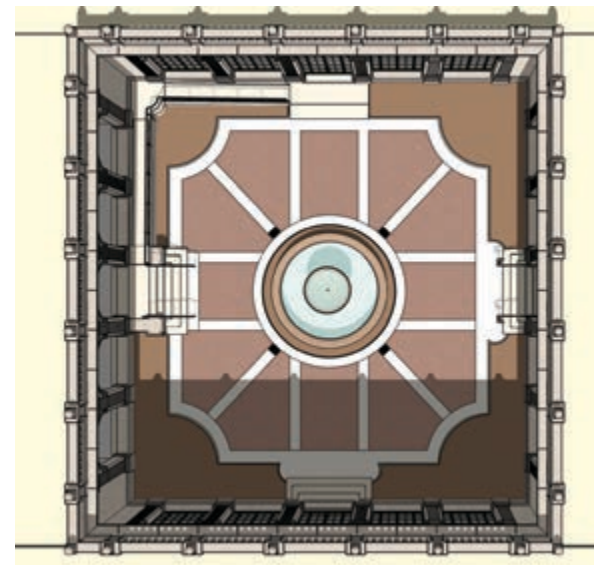
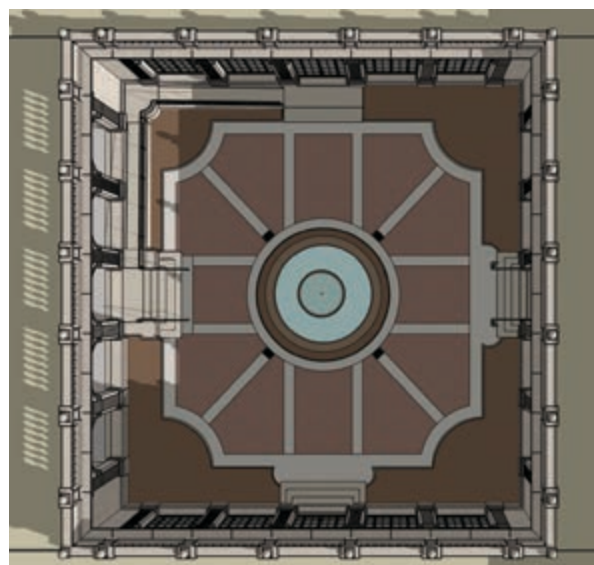
12PM

4PM

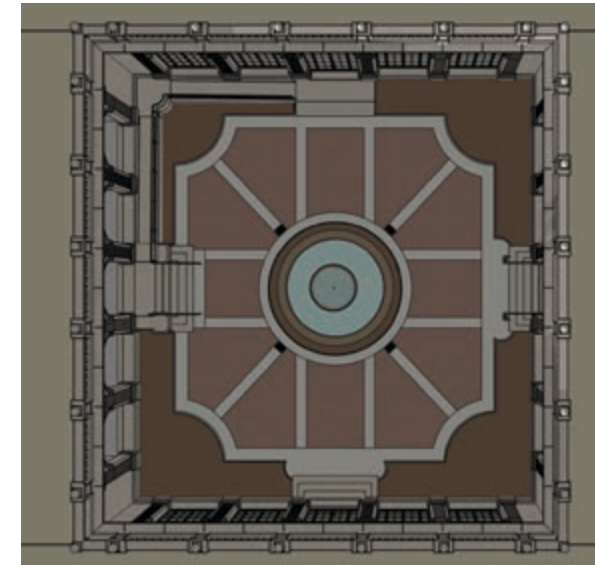
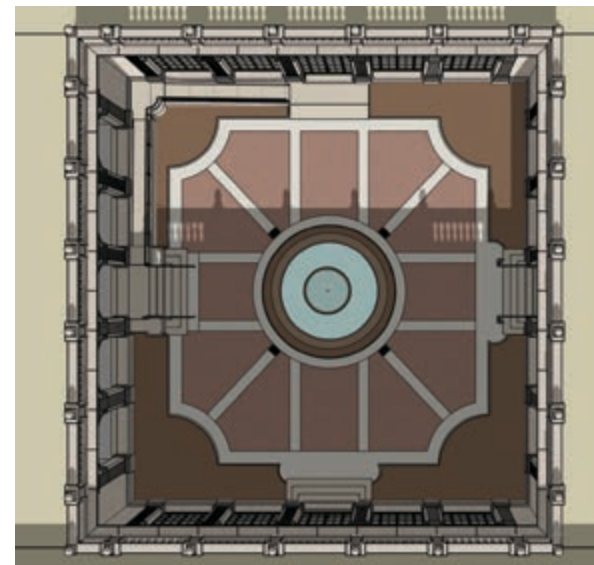
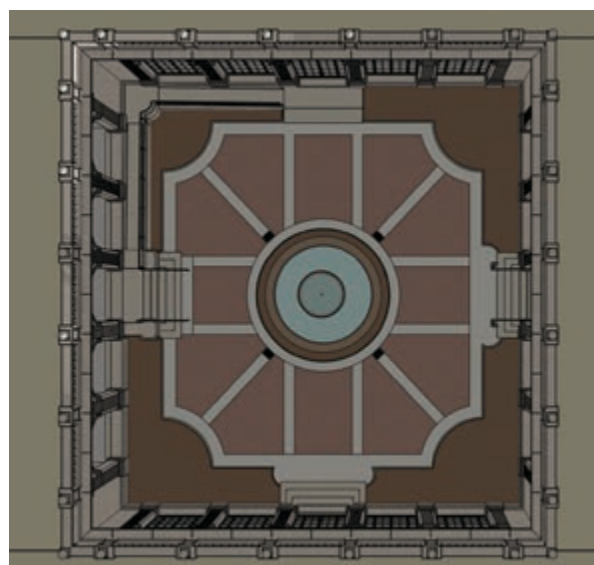
June 21st



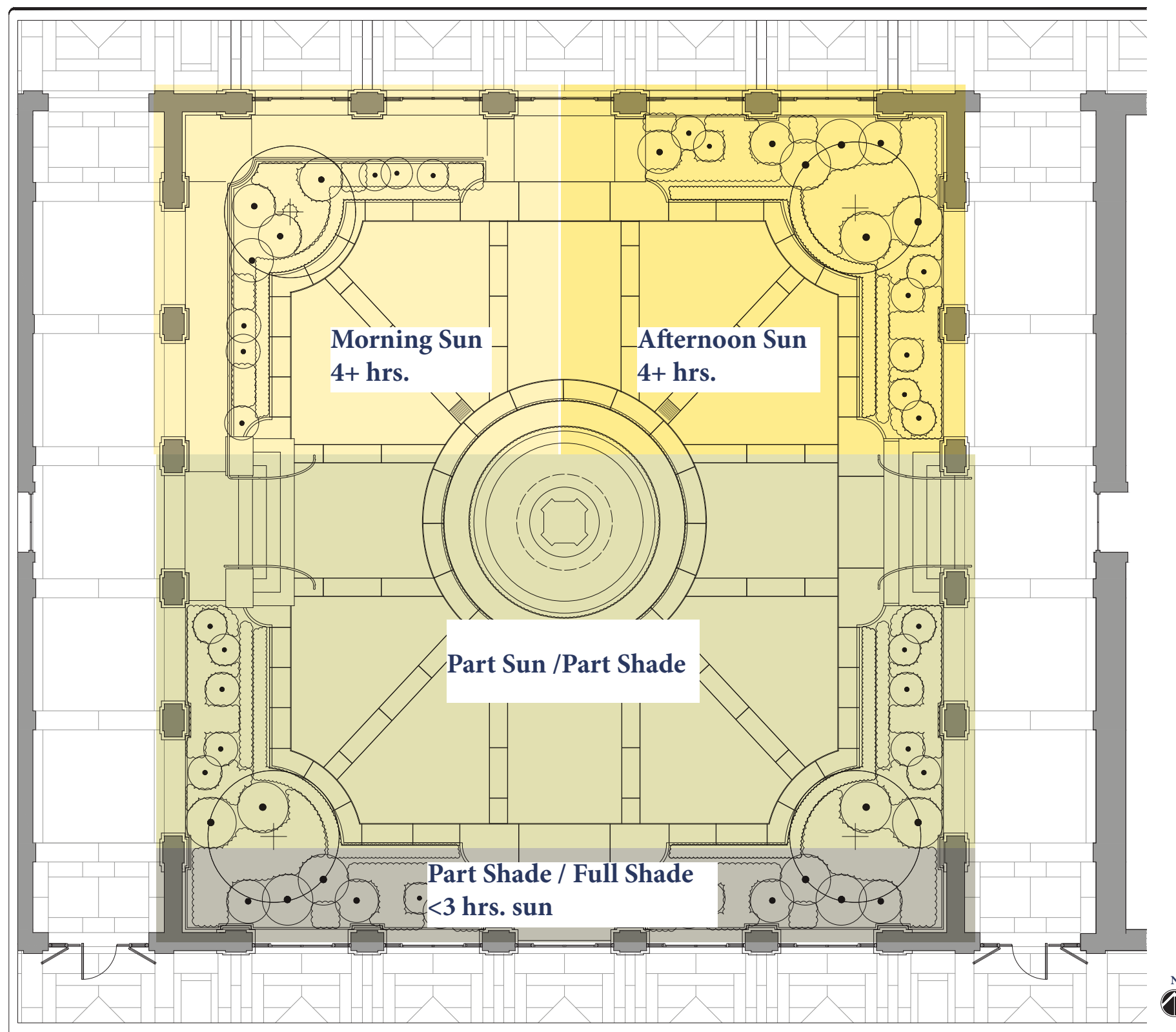
September 21st



December 21st



SHADE STUDY



- The north side of the garden receives the most sun during limited times of the year with hotter afternoon sun in the east.
- The south side of the garden receives more shade, and is primarily in part shade, with the bed closest to the southern wall primarily in full shade.

Strategy:

- Select plants which are adaptable to existing sun conditions
- Lay out plants according to sun/shade needs but maintain a unified appearance in the courtyard overall
- Select a Japanese Maple cultivar that can handle the variety of sun conditions.

SHADE STUDY

Planting Plans

Inspired by the Freer Collection



Hydrangea (11 objects)



Peony (179 objects)



Grass (64 objects)



Pine (304 objects)



Ginkgo (1 object)



Iris (68 objects)

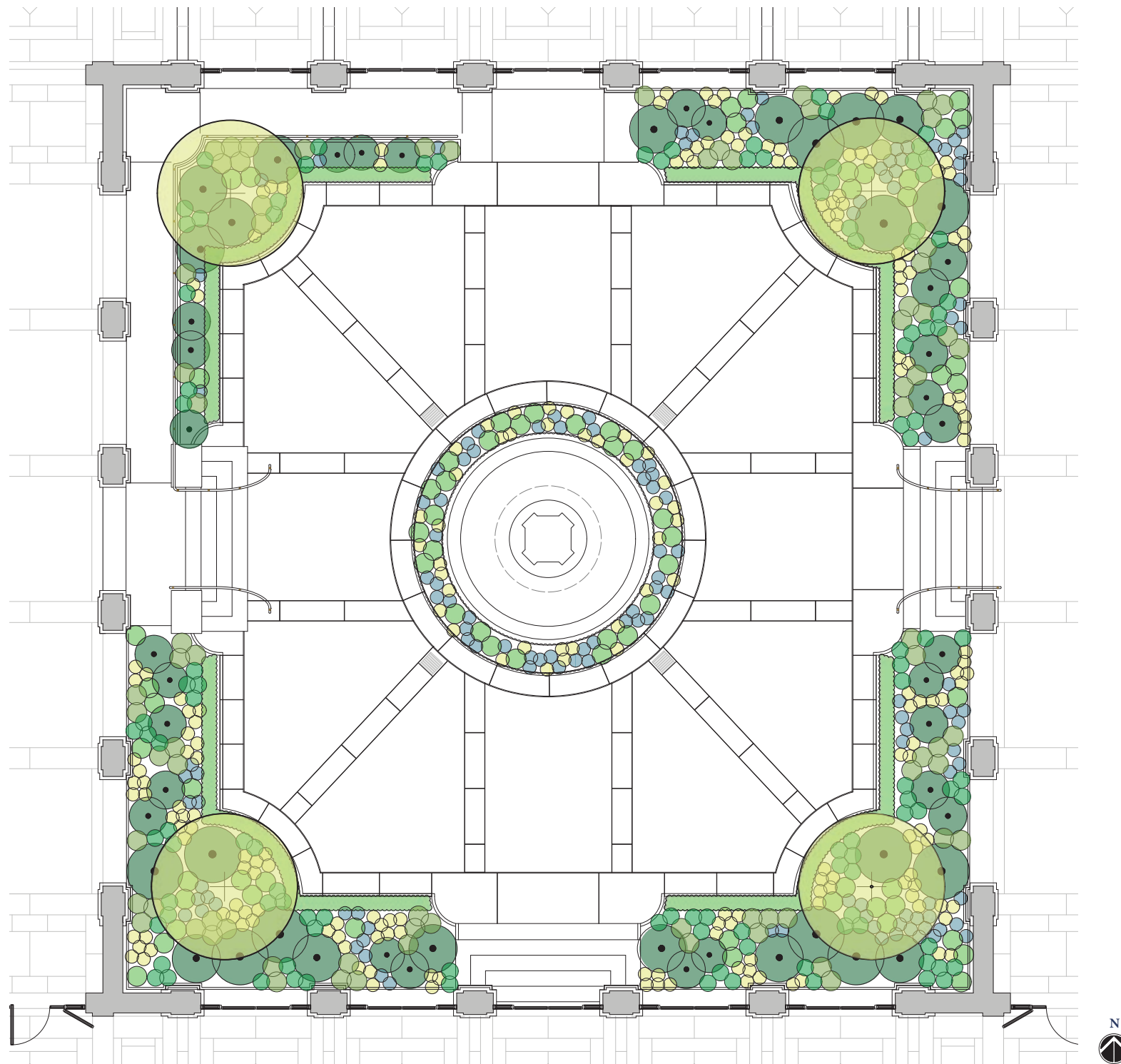


Maple (44 objects)



Camellia (42 objects)

PLANTING PALETTE INSPIRATION



- Small upright Japanese Maple, such as 'Seiryu', provides vertical element and symmetry in the corners of the courtyard.
- Structural shrubs, both evergreen and deciduous, provide punctuated geometry within the beds and mirror historic condition.
- Evergreen edge holds in a 'great profusion of flowers'; the mosaic of mixed perennials.



Section- View North

"When Platt turned his hand to landscape design, he emphasized gardens where abundant flowers spilled over the rectilinear shapes of paths and architecture". (p. 111)
 Morgan, Keith *"Shaping an American Landscape: The Art and Architecture of Charles A. Platt"; Hood Museum of Art, 1995.*

PLANTING DIAGRAM



- Planting organization recalls Platt's distinctive style with strong, geometric lines juxtaposed to voluminous, organic arrangements.
- Mixed perennial mosaic is composed of species that reflect the Freer collection and flowering plants for color, texture, and lush year round character.
- Low planting at the fountain holds the center.

The plantings in Platt's garden, although confined within an architectural framework, gave the appearance of luxuriant and unrestrained growth only loosely contained by their simple geometric borders. - Words about Charles A. Platt and the Fine Art of Landscape Design from Rebecca Warren Davidson

ILLUSTRATIVE PLAN



- Inspired by the courtyard's historic character, the tree selection for the courtyard is a Japanese Maple.
- The branches of the maple evoke the historic wisteria vines and reflect the lacy character in winter and throughout the seasons.



Regarding Italian gardens: "The south wall is typical of what a garden should be, covered as it is in vines of every sort. These make masses of varied greens, which, with the bloom of the flowers is very telling against the white wall." (p.33). Platt, Charles, "Italian Gardens"; Timber Press, 1993.

PLANTING PALETTE

Acer palmatum var. *dissectum* 'Seiryu'
Japanese Maple
Tree
Bloom time: May-June
15-16'
Korea



Camellia sasanqua
'Lauren'
Lauren Camellia
Shrub
Bloom time:
December-February
2-3'
Japan



Hydrangea serrata
Hydrangea
Shrub
Bloom time: May-July
2-4'
Japan, Korea



Viburnum davidii
David Viburnum
Shrub
Bloom time: May-June
2-3'
China



Daphne odora
Winter Daphne
Shrub
Bloom time: late winter
3-4'
China



Hakonechloa macra
Hakone Grass
Perennial
Bloom time: July-August
12-18"
Japan



Erythronium californicum
Trout Lily
Perennial
Bloom time: April-June
6-8"
North America



Erythronium
'Pagoda'
Pagoda Trout Lily
Perennial
Bloom time: April-June
6-8"
North America



Danae racemosa
Poet's Laurel
Shrub
Bloom time: July-Aug
Berry: Autumn
2-3'
Iran



Paeonia x 'Cora Louise'
Itoh Peony
Perennial
Bloom time: Early Summer
24-36"
Asia, Europe



Iris cristata
Dwarf Crested Iris
Perennial
Bloom time: March-May
3-6"
North America



Iris siberica
Siberian Iris
Perennial
Bloom time: March-May
24-36"
Europe, Turkey, Russia



Polystichum polyblepharum
Tassel Fern
Perennial
Bloom time: N/A
18-24"
Japan, Korea








Anemone "Wild Swan"
Windflower
Perennial
Bloom time: April-June
12-24"
China



Sarcococca hookeriana
var. *humilis*
Sweetbox
Evergreen
Bloom time: NA
10-12"
China



PLANTING PALETTE

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
<u>TREE</u>												
<i>Acer palmatum</i> var. <i>dissectum</i> ‘Seiryu’ Japanese Maple												
												
<u>SHRUBS</u>												
<i>Sarcococca hookeriana</i> var. <i>humilis</i> (E) Sweetbox												
												
<i>Camellia sasanqua</i> ‘Lauren’ (E) Lauren Camellia												
												
<i>Cryptomeria japonica</i> ‘Globosa Nana’ (E) Dwarf Japanese Cedar												
												
<i>Daphne odora</i> (E) Winter Daphne												
												
<i>Danae racemosa</i> (E) Poet’s Laurel												
												
<i>Hydrangea serrata</i> Hydrangea												
												
<i>Paeonia</i> x ‘Cora Louise’ Itoh Peony												
												
<i>Pinus densiflora</i> ‘Globosa’ (E) Dwarf Japanese Red Pine												
												
<i>Viburnum davidii</i> (E) David Viburnum												
												
<u>GRASSES / PERENNIALS</u>												
<i>Anemone canadensis</i> Windflower												
												
<i>Anemone</i> ‘Wild Swan’ Windflower												
												
<i>Erythronium californicum</i> Trout Lily												
												
<i>Erythronium</i> ‘Pagoda’ Pagoda Trout Lily												
												
<i>Hakonechloa macra</i> Hakone Grass												
												
<i>Iris cristata</i> Dwarf Crested Iris												
												
<i>Iris siberica</i> Siberian Iris												
												
<i>Polystichum polyblepharum</i> (E) Tassel Fern												
												
(E) Denotes Evergreen Species												
BLOOM												

Planting Schedule									
Botanical Name	Common Name	Native Status	Light	Flower Color	Bloom Time	Water Needs	Mature Ht.	Mature Spread	Size
Trees									
<i>Acer palmatum</i> var. <i>dissectum</i> 'Seiryu'	Japanese Maple	Non-Native	sun to part shade	Coral	Spring	Medium	10-15'	10-15'	5-6' HT.
Shrubs									
<i>Sarcococca hookeriana</i> var. <i>humilis</i>	Sweetbox	Non-Native	part shade to full shade	White	Spring	Medium	1'	1-1.5'	#2 pot
<i>Camellia sasanqua</i> 'Lauren'	Lauren Camellia	Non-Native	sun to part shade	Pink	Late Fall- Early Spring	Medium	2-3'	3-4'	#5 pot
<i>Cryptomeria japonica</i> 'Globosa Nana'	Dwarf Japanese Cedar	Non-Native	full sun	N/A	N/A	Medium	2-3'	2-3'	#5 pot
<i>Danae racemosa</i>	Poet's Laurel	Non-Native	part shade	Yellow-Green	Late Summer-Early Fall	Medium	2-3'	3-4'	#5 pot
<i>Daphne odora</i>	Fragrant Daphne	Non-Native	sun to part shade	Rose-Purple-White	Late Winter	Medium	3-4'	2-4'	#5 pot
<i>Hydrangea serrata</i>	Lacecap Hydrangea	Non-Native	part shade	Blue-Pink-White	Summer	Medium	2-4'	2-4'	#3 pot
<i>Pinus densiflora</i> 'Globosa'	Japanese Red Pine	Non-Native	full sun	N/A	N/A	Medium	5-8'	5-8'	2-3' HT.
<i>Viburnum davidii</i>	David Viburnum	Non-Native	sun to part shade	White	Spring	Medium	2-3'	3-4'	#5 pot
Perennials, Groundcovers, Grasses, and Ferns									
<i>Anemone canadensis</i>	Canadian Anemone	Native	sun to part shade	White	Spring- Early Summer	Medium-Wet	1-2'	2-2.5'	qt
<i>Anemone</i> 'Wild Swan'	Windflower	Non-native	sun to part shade	White	Late Summer-Early Fall	Medium	1-2'	1-2'	#1
<i>Erythronium californicum</i> 'White Beauty' / <i>Erythronium</i> 'Pagoda'	Trout Lily	Native	part shade	White	Spring	Medium	6-8"	4-6"	qt
<i>Hakonechloa macra</i>	Japanese Forest Grass	Non-Native	part shade	Yellow-Green	Summer	Medium	1-1.5'	1-1.5'	#1
<i>Iris cristata</i>	Dwarf Crested Iris	Native	sun to part shade	Blue	Spring	Medium	3-6"	3-6"	qt
<i>Iris siberica</i> 'Snow Queen'	Siberian Iris	Non-Native	sun to part shade	White	Spring-Early Summer	Medium-Wet	1-2'	1-2'	qt
<i>Ophiopogon japonicus</i> 'Nanus'	Dwarf Mondo Grass	Non-Native	part shade to full shade	Purple	Summer	Medium	4-6"	4-6"	qt
<i>Paeonia (Intersectional hybrid)</i> x 'Cora Louise', 'Singing in the Rain'	Itoh Peony	Non-Native	sun to part shade	White / Pink	Spring	Medium	1-2'	1-2'	#3
<i>Polystichum polyblepharum</i>	Tassel Fern	Non-Native	part shade to full shade	N/A	N/A	Medium	1-2'	1-2'	#1

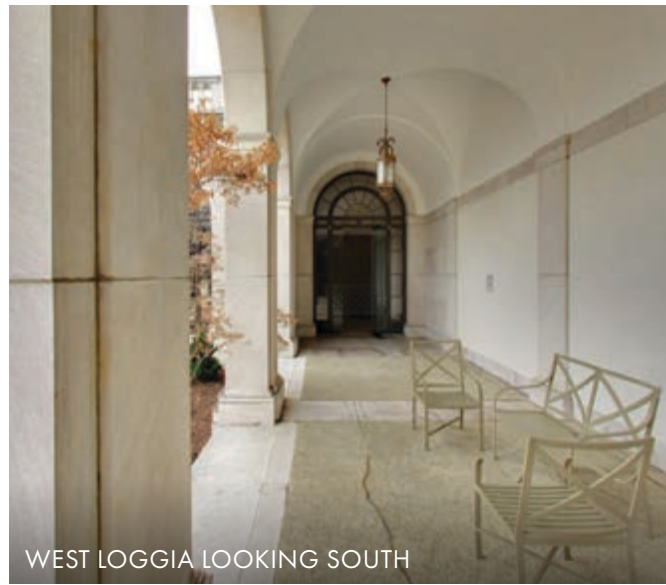
PLANTING SCHEDULE



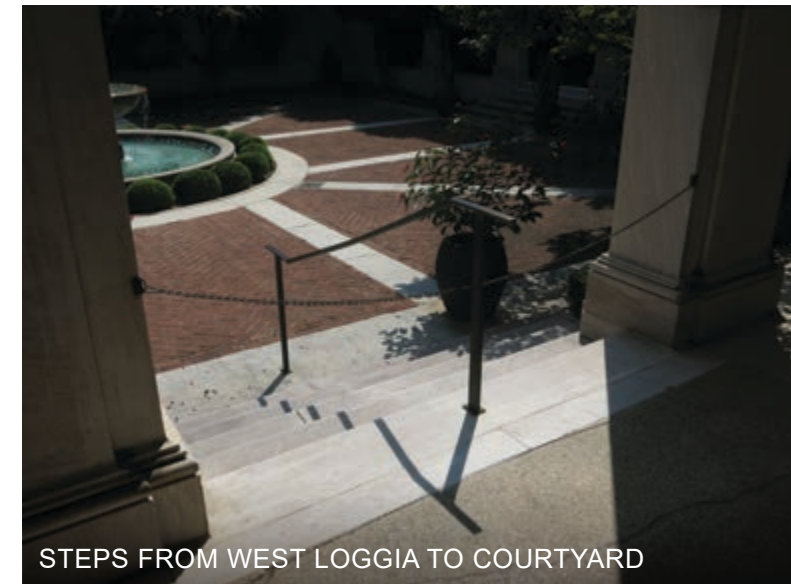
RENDERING WITH PROPOSED LANDSCAPE CONCEPT



COURTYARD ENTRANCE FROM SOUTH CORRIDOR



WEST LOGGIA LOOKING SOUTH

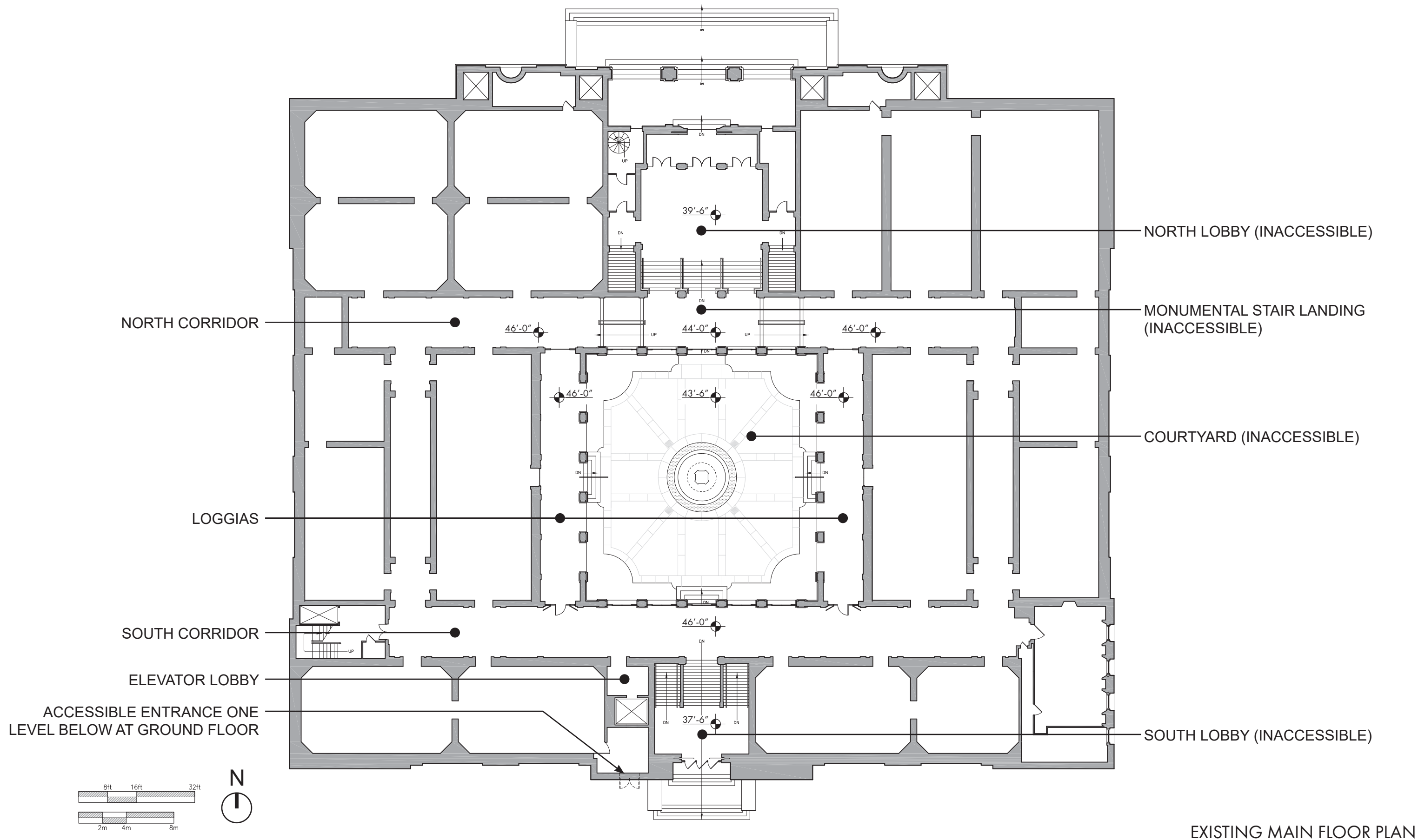


STEPS FROM WEST LOGGIA TO COURTYARD



COURTYARD LOOKING NORTH

EXISTING ROUTE TO COURTYARD





COLUMN BASE AT LOGGIA STEPS



VIEW OF COURTYARD LOOKING EAST FROM WEST LOGGIA



LOGGIA STEPS



PLINTH BY STAIRS AT SOUTH ENTRANCE

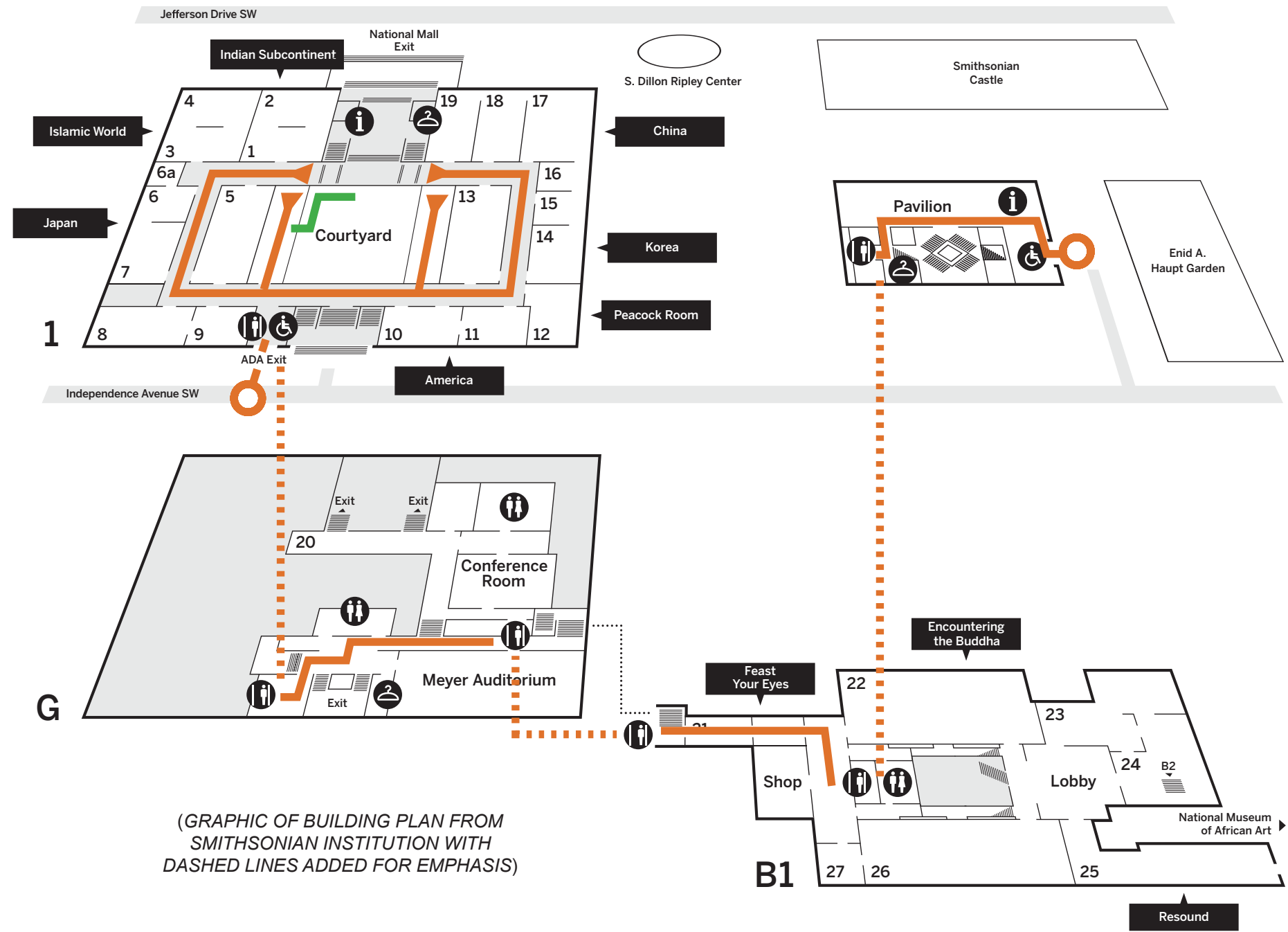


TYPICAL CORNER OF COURTYARD

EXISTING PHOTOGRAPHS

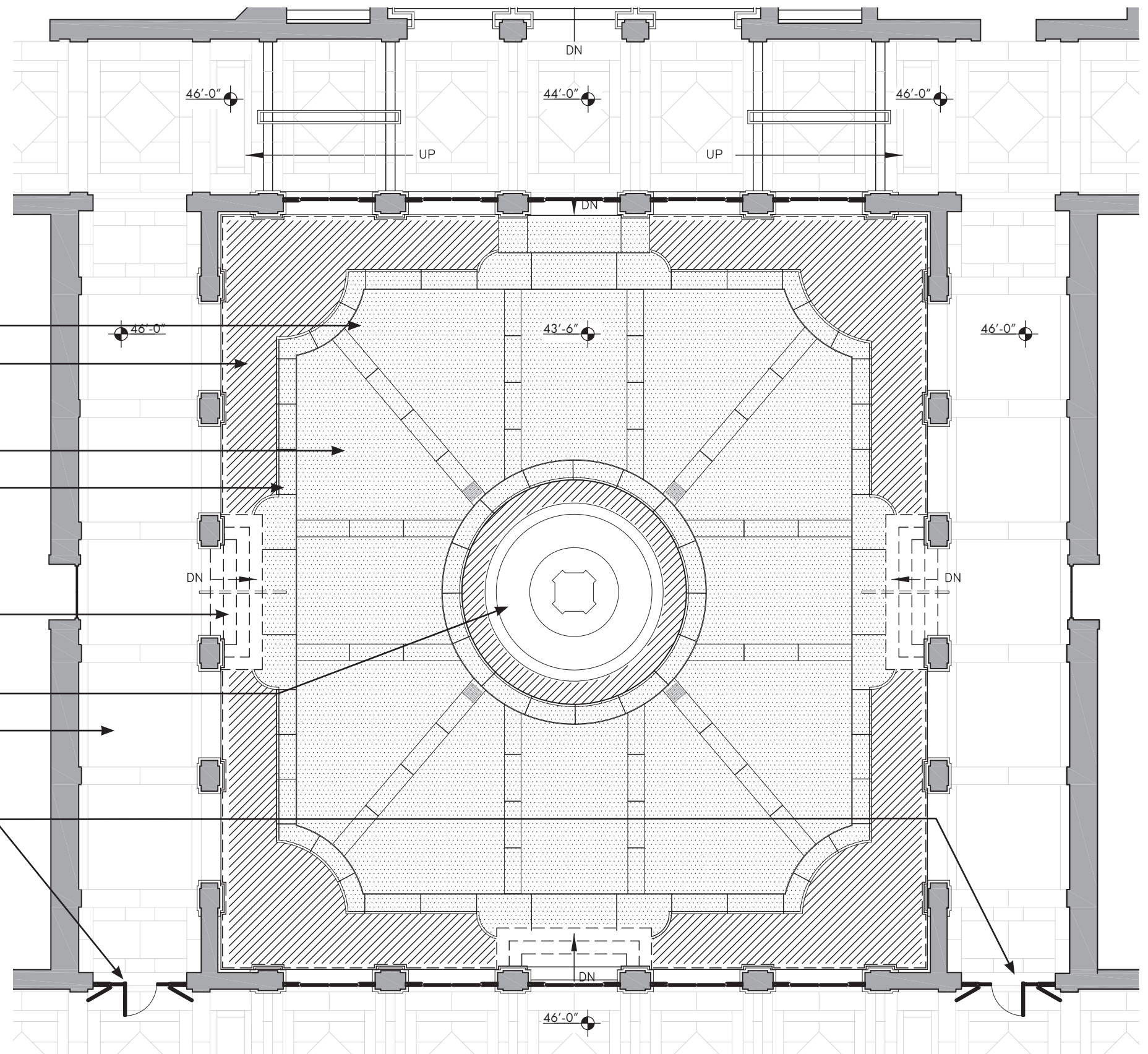
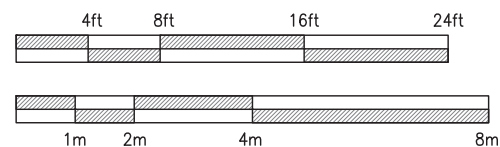
FREER GALLERY OF ART

ARTHUR M. SACKLER GALLERY



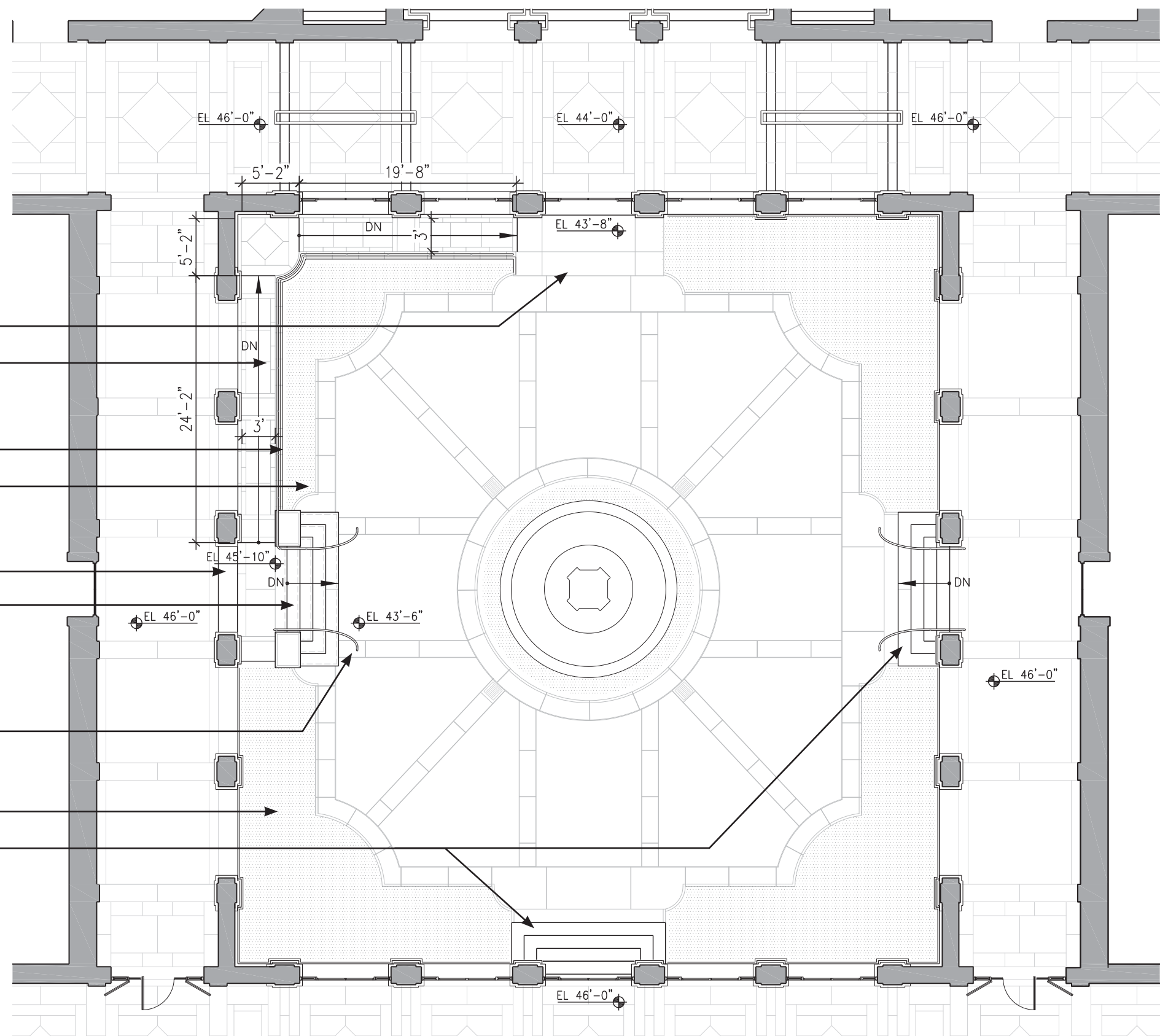
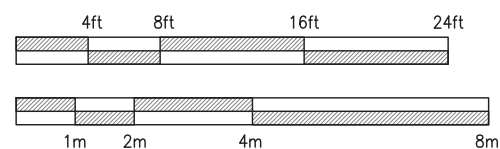
ACCESSIBLE ROUTES

- REMOVE EXISTING ASSEMBLY TO STRUCTURAL SLAB
- REMOVE PLANTING BED
- REMOVE BRICK PAVING
- REMOVE STONE PAVING BORDER AND SALVAGE
- REMOVE STONE STEPS AND SALVAGE
- EXISTING FOUNTAIN TO REMAIN
- LOGGIA
- SINGLE LEAF LOGGIA DOORS ARE NON-HISTORIC. HISTORIC DOUBLE DOORS FIXED IN THE OPEN POSITION.

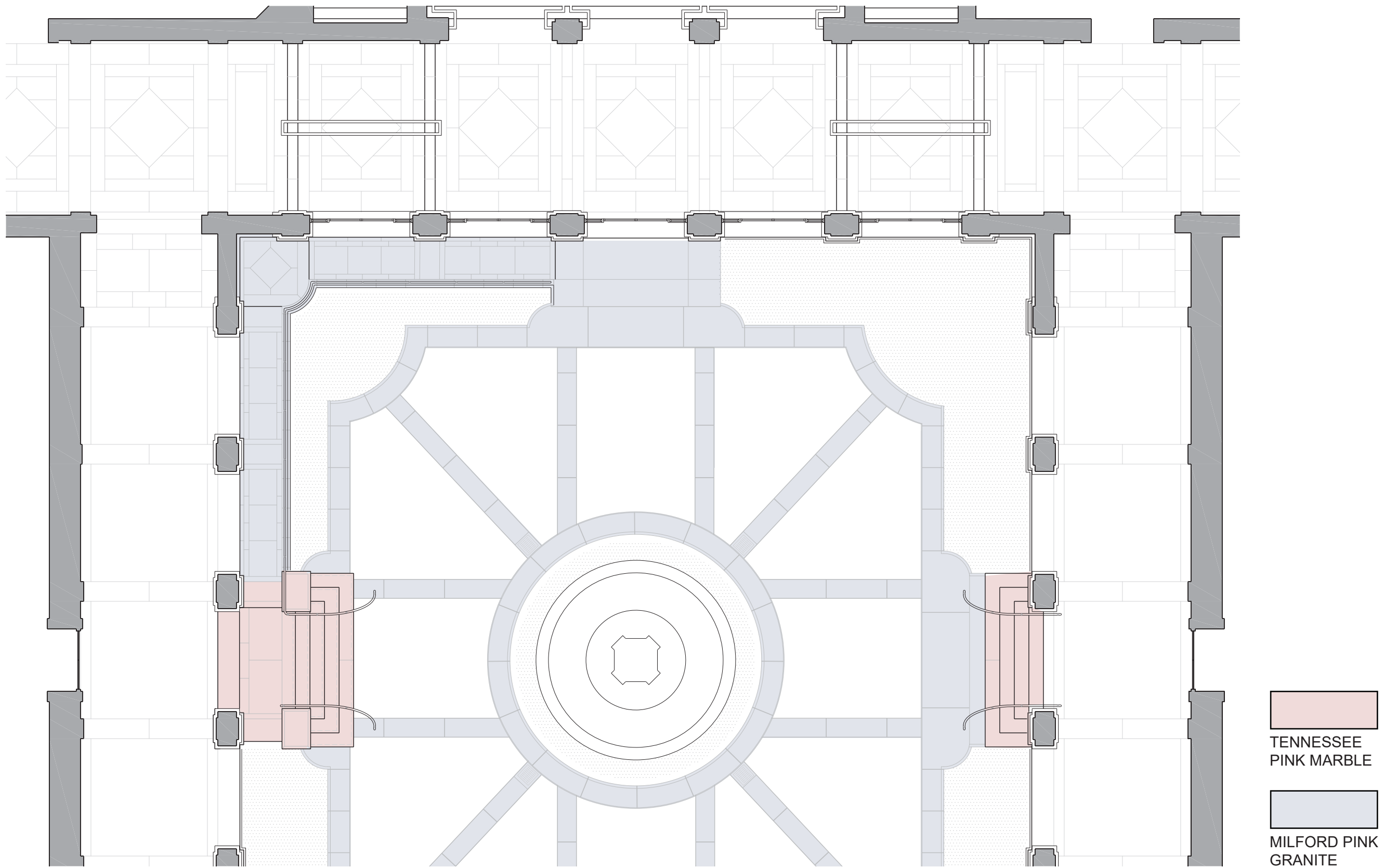


EXISTING COURTYARD PLAN

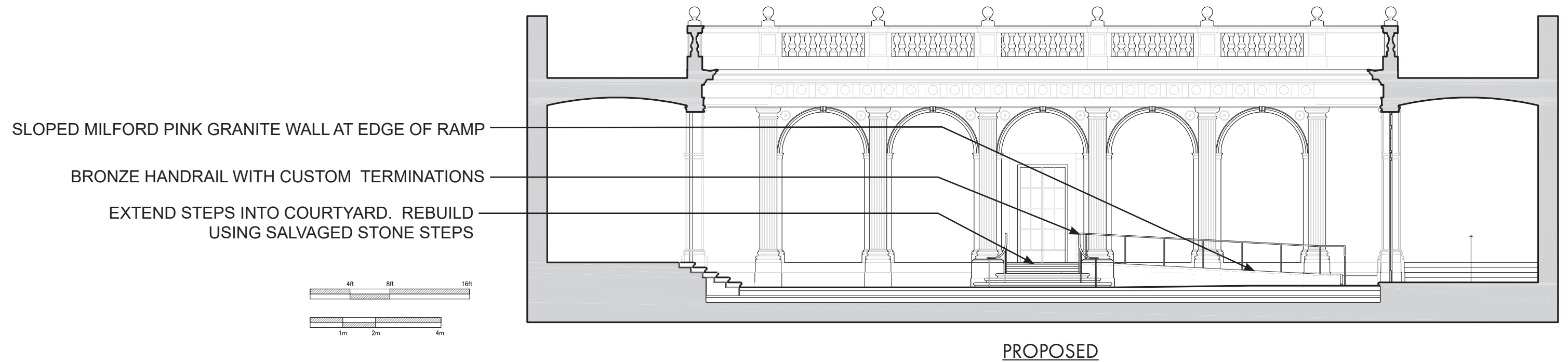
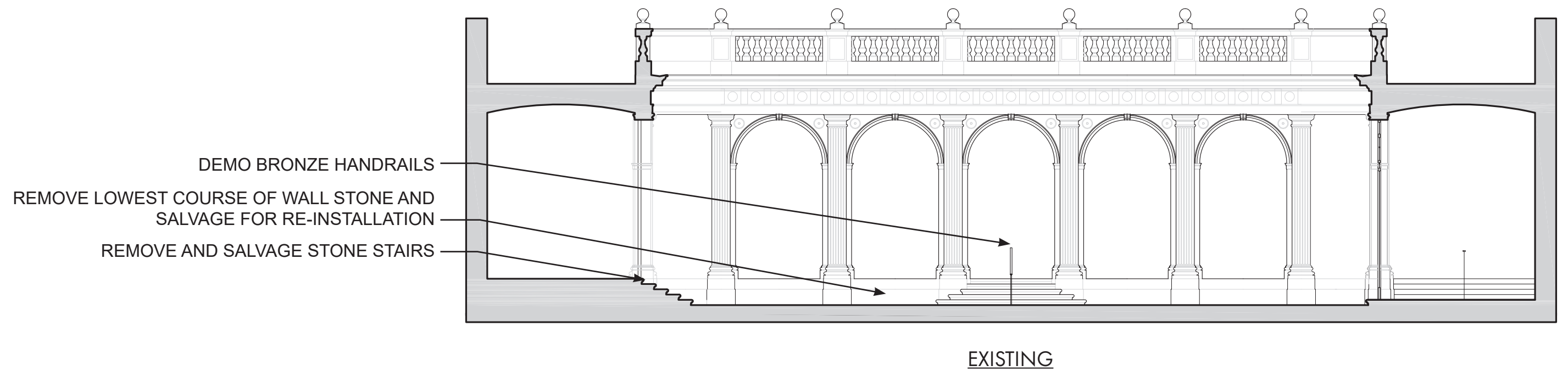
- RAMP FROM LANDING TO COURTYARD LEVEL
- 4.9% SLOPED WALKWAY WITH MILFORD PINK GRANITE STONE PAVING
- MILFORD PINK GRANITE WALL AT EDGE OF RAMP.
- STONE BORDERS SALVAGED AND REINSTALLED CLOSER TO CENTER OF COURTYARD
- SHORT RAMP FROM LOGGIA TO STEP/RAMP LANDING
- REFABRICATE SALVAGED STONE STEPS AND REINSTALL
- DARK BRONZE HANDRAILS WITH CUSTOM CAST TERMINATIONS, TYP
- REPLACE ALL COURTYARD PLANTINGS AND UNDERLYING WATERPROOFING
- SALVAGE AND REINSTALL EXISTING STONE STEPS



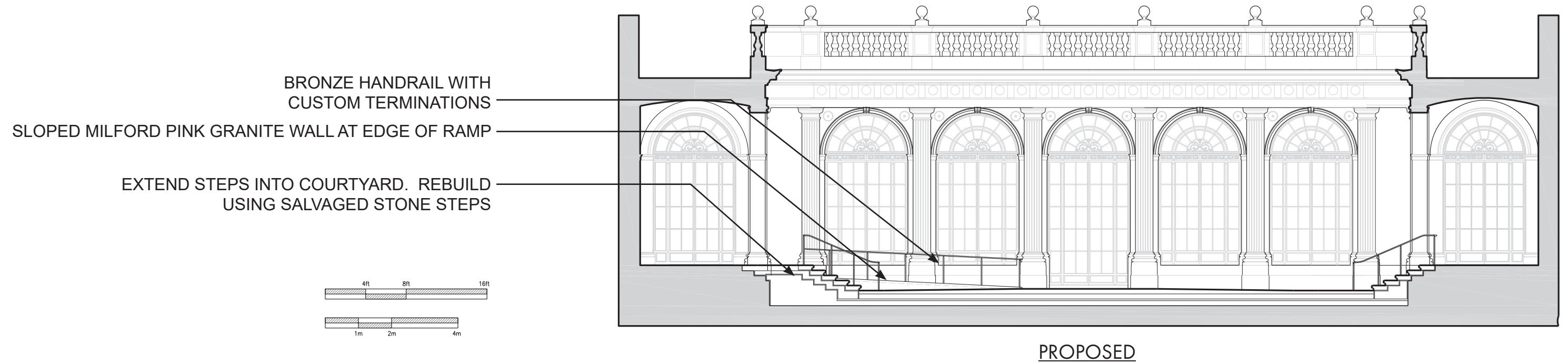
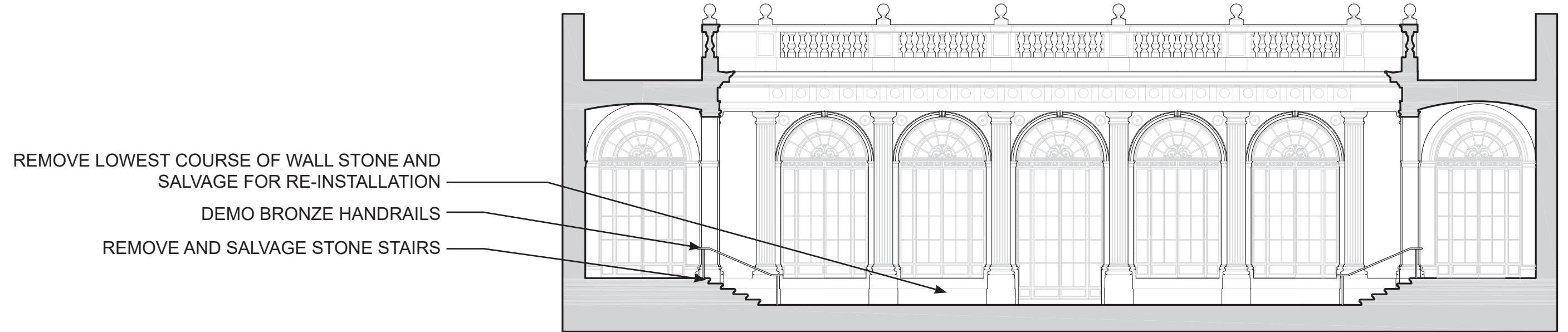
PROPOSED COURTYARD PLAN



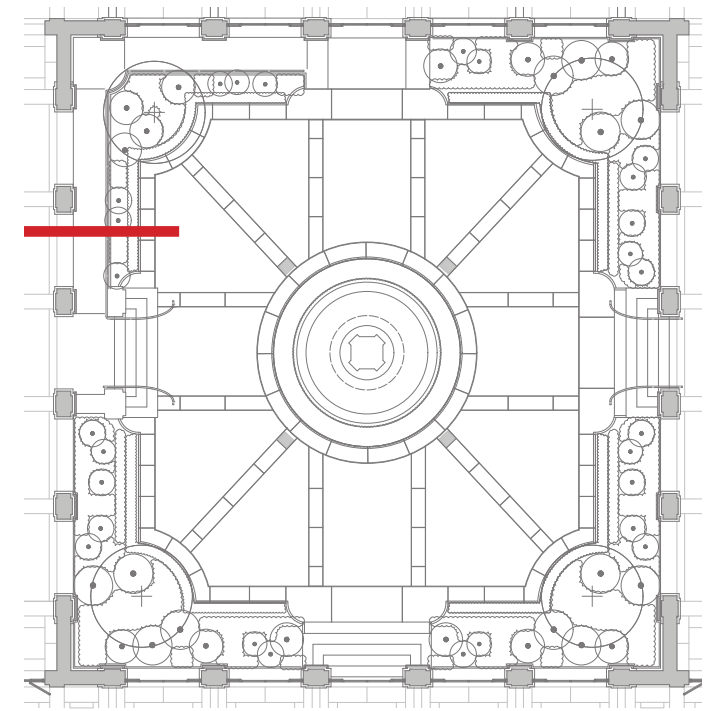
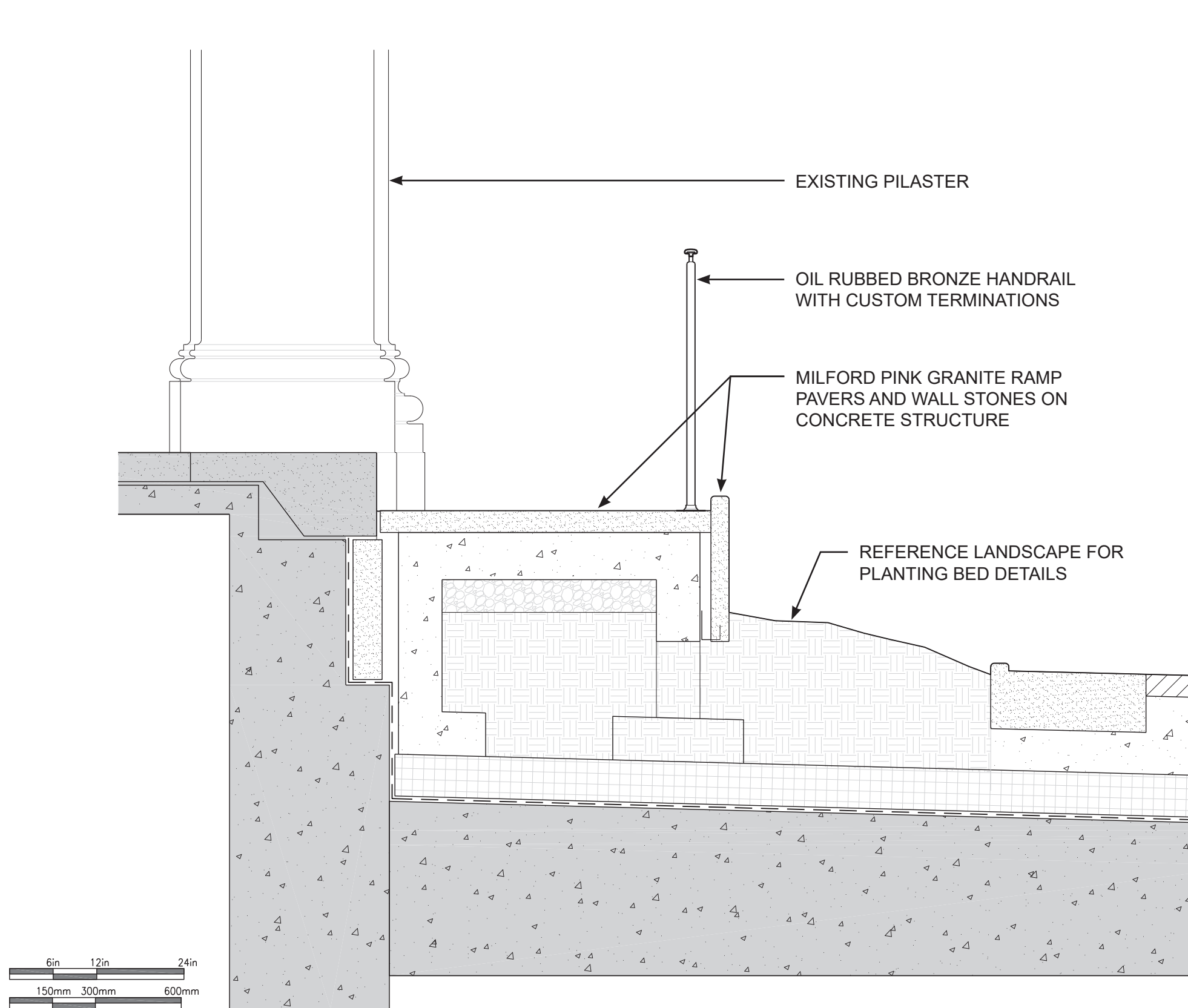
PROPOSED RAMP PAVING PATTERN PLAN - ENLARGED



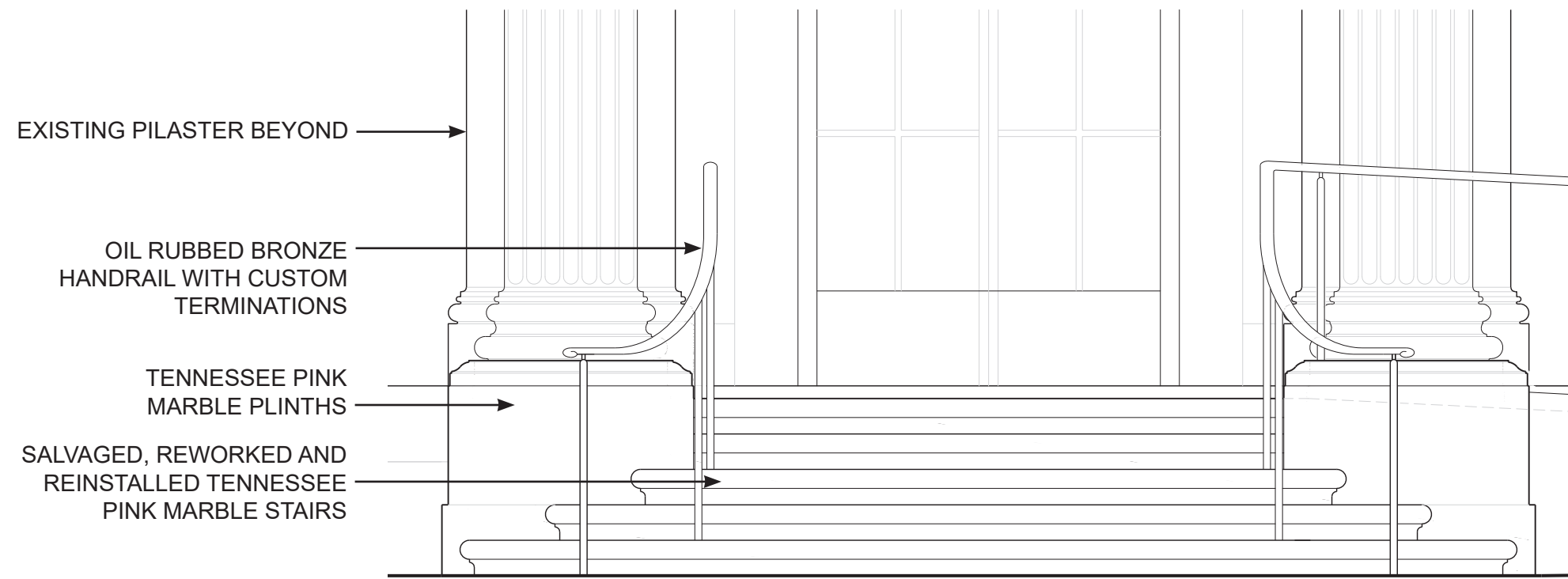
NORTH-SOUTH SECTIONS LOOKING WEST



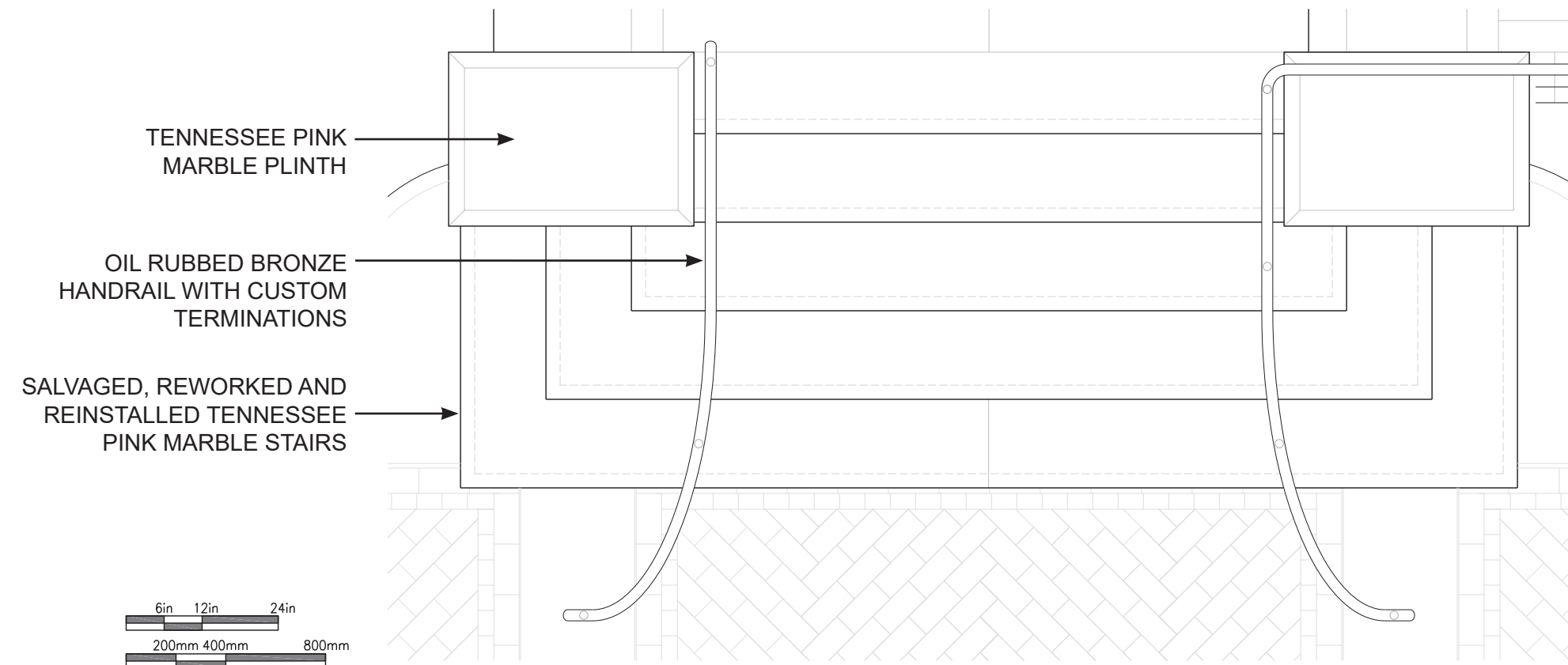
EAST-WEST SECTIONS LOOKING NORTH



RAMP SECTION DETAIL



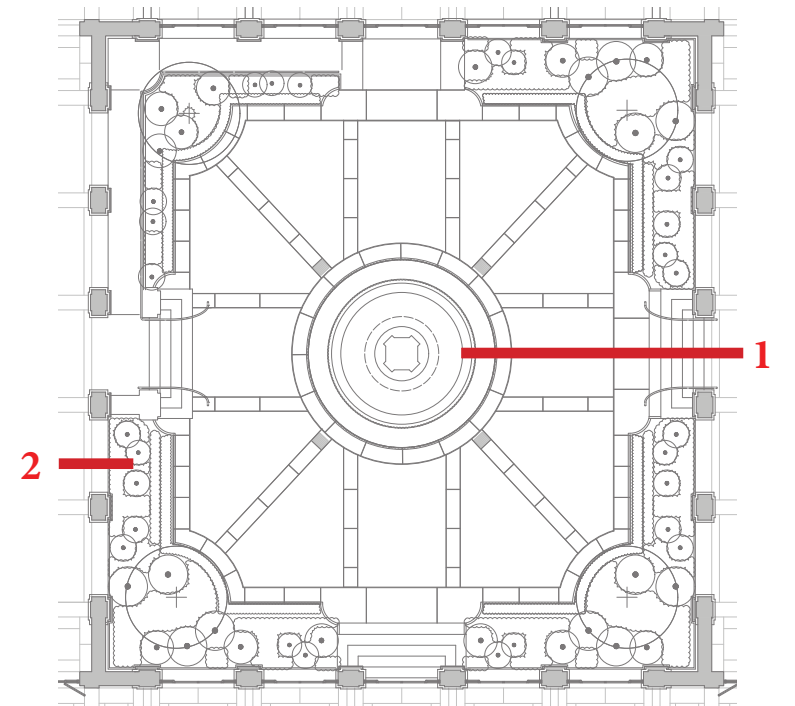
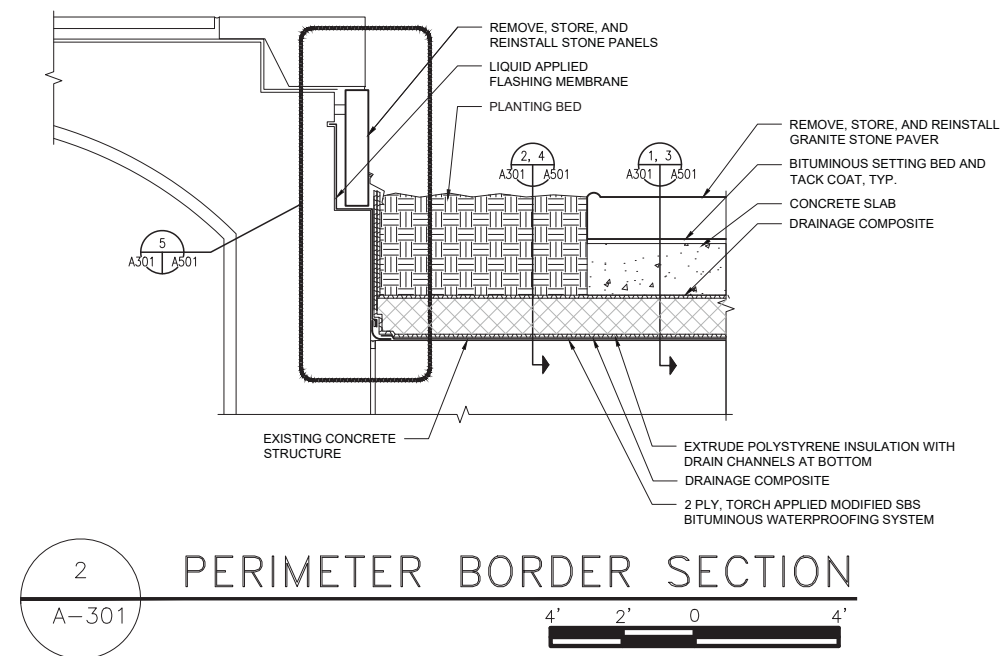
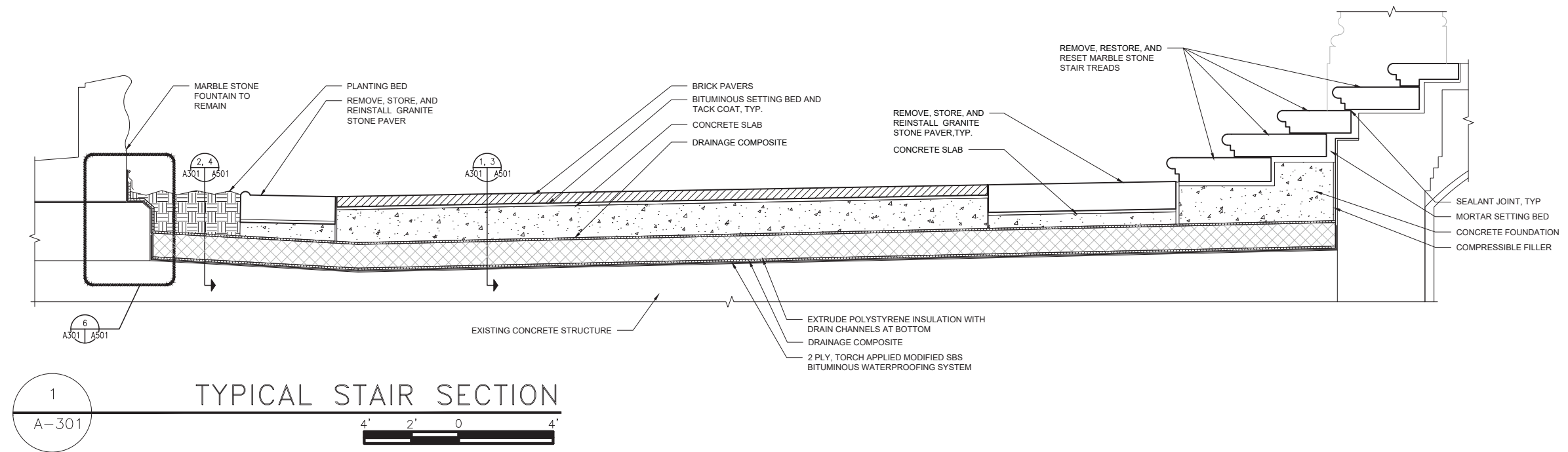
ELEVATION DETAIL



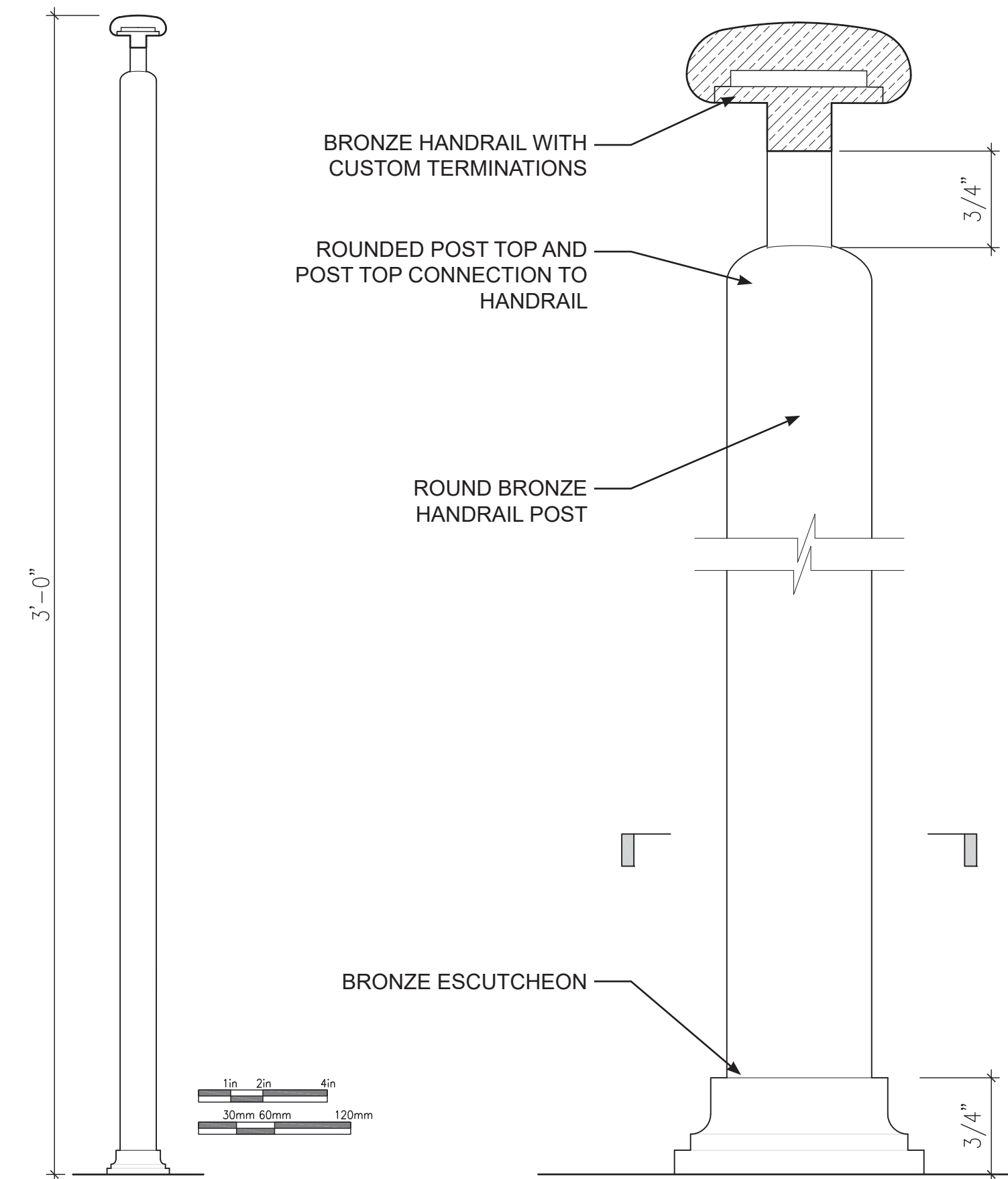
PLAN DETAIL



STAIR DETAILS

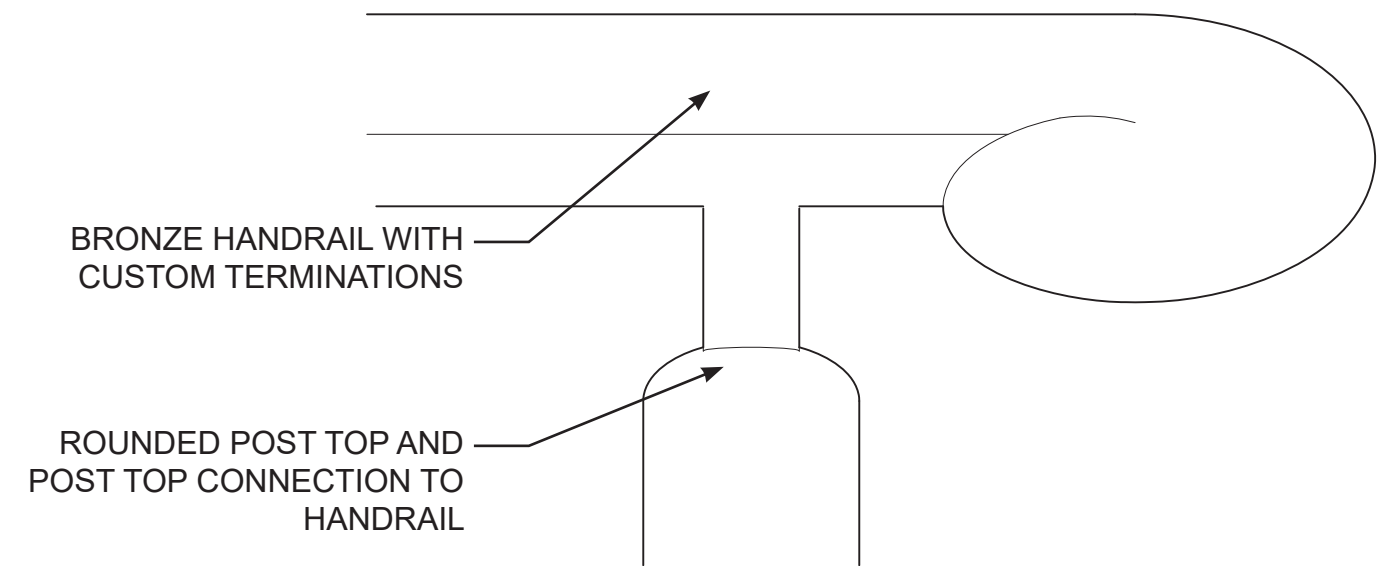


SECTION DETAILS



SECTION/ELEVATION

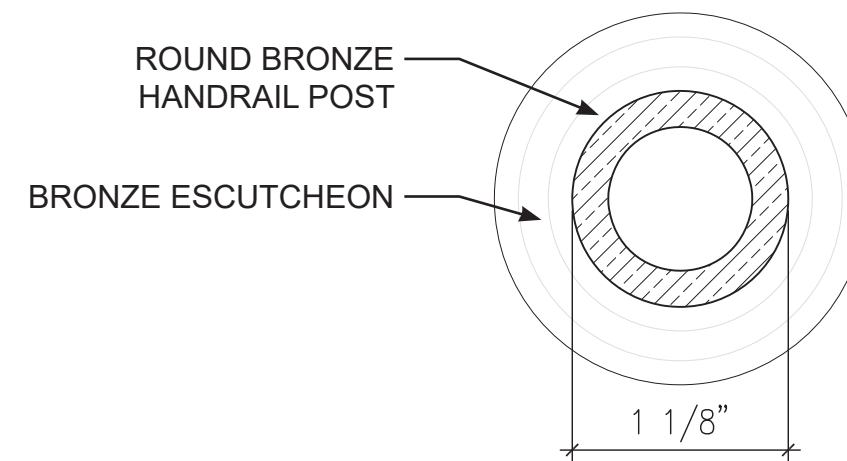
ENLARGED SECTION/ELEVATION



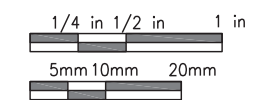
ENLARGED ELEVATION



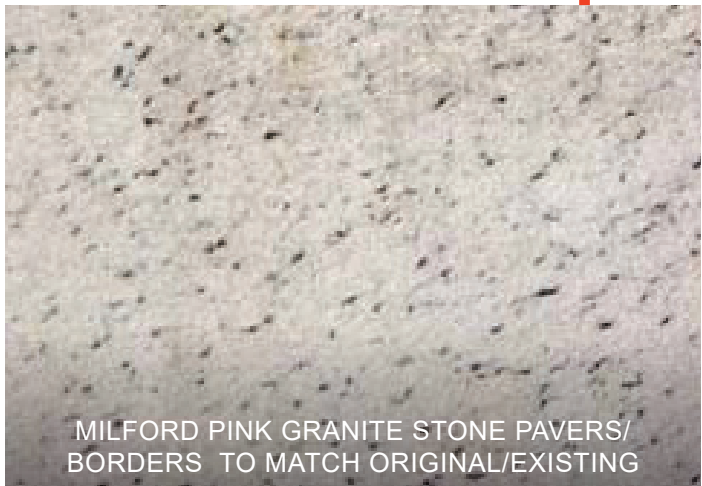
EXISTING INTERIOR HANDRAIL



ENLARGED PLAN



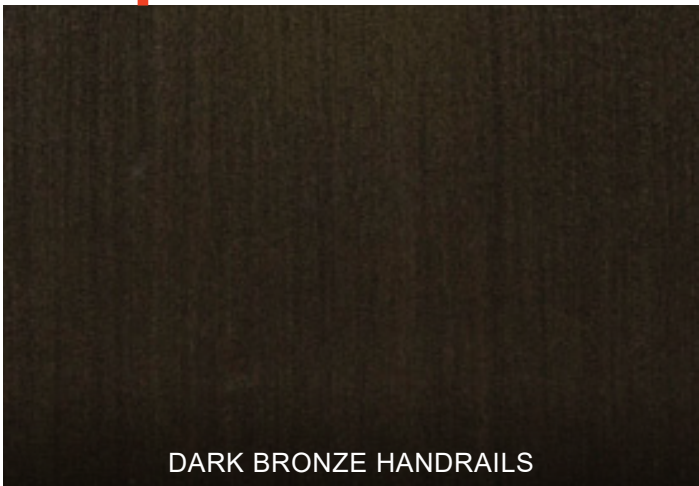
HANDRAIL DETAILS



MILFORD PINK GRANITE STONE PAVERS/
BORDERS TO MATCH ORIGINAL/EXISTING



TENNESSEE PINK MARBLE STONE TO MATCH
ORIGINAL/EXISTING



DARK BRONZE HANDRAILS



BRICK PAVERS TO MATCH ORIGINAL/EXISTING

MATERIALS



VIEW LOOKING NORTH FROM WEST LOGGIA



VIEW LOOKING NORTHWEST FROM SOUTHEAST CORNER OF COURTYARD



OVERHEAD VIEW



NIGHT VIEW