



## REPAIR & MAINTENANCE OF THE NORTH AND EAST GARAGES

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### SECTION 106 CONSULTING PARTIES/ PUBLIC MEETING #2

November 15, 2021

CLIENT

BOARD OF GOVERNORS OF THE FEDERAL RESERVE SYSTEM

ARCHITECT

SHALOM BARANES ASSOCIATES

LANDSCAPE ARCHITECT

OEHME, VAN SWEDEN



# LAND OWNERSHIP AND MANAGEMENT

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- THE NATIONAL PARK SERVICE (NPS) AND THE NATIONAL MALL AND MEMORIAL PARKS (NAMA) HAVE ADMINISTRATIVE JURISDICTION OF RESERVATIONS 105 AND 378.
- THE PARKING GARAGES LOCATED BENEATH RESERVATION 378 WERE CONSTRUCTED AND ARE MAINTAINED BY THE FRB AND USED BY BOTH THE FRB AND THE DEPARTMENT OF THE INTERIOR (DOI).
- THE FRB ALSO MAINTAINS THE PARKLAND AND TENNIS COURT PER A 2005 MEMORANDUM OF AGREEMENT (MOA) AMONG THE FRB, NPS, AND U.S. PARK POLICE (USPP). THE NPS IS RESPONSIBLE FOR MAJOR PARK MAINTENANCE PROJECTS AND THE DISCOBOLUS STATUE. THE NPS WAS RESPONSIBLE FOR ROUTINE MAINTENANCE OF THE PARKLAND PRIOR TO THE 2005 MOA.

# DISCUSSION POINTS

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PROJECT GOALS

SITE OVERVIEW

EXISTING SITE

CONCEPT DESIGN: ARCHITECTURE

CONCEPT DESIGN: LANDSCAPE

SECTION 106 COMPLIANCE

SUMMARY OF ASSESSMENT OF EFFECTS

MITIGATION

# PROJECT GOAL

THE PROJECT WILL REPAIR THE UNDERGROUND GARAGE INFRASTRUCTURE AND BRING THE FACILITY IN COMPLIANCE WITH CURRENT BUILDING CODES AND PROVIDING MODERN ACCESSIBLE CONVENIENCES. PARK ENHANCEMENTS INCLUDE IMPROVED PEDESTRIAN PATHWAYS AND INCREASED ACCESSIBLE SEATING WHILE MAINTAINING HISTORIC FEATURES OF THE PARK. THE GOAL IS TO ENSURE FUTURE GENERATIONS EXPERIENCE A PARK KNOWN FOR ITS SEASONAL GRASSES AND PERENNIALS.



# PROJECT SCOPE

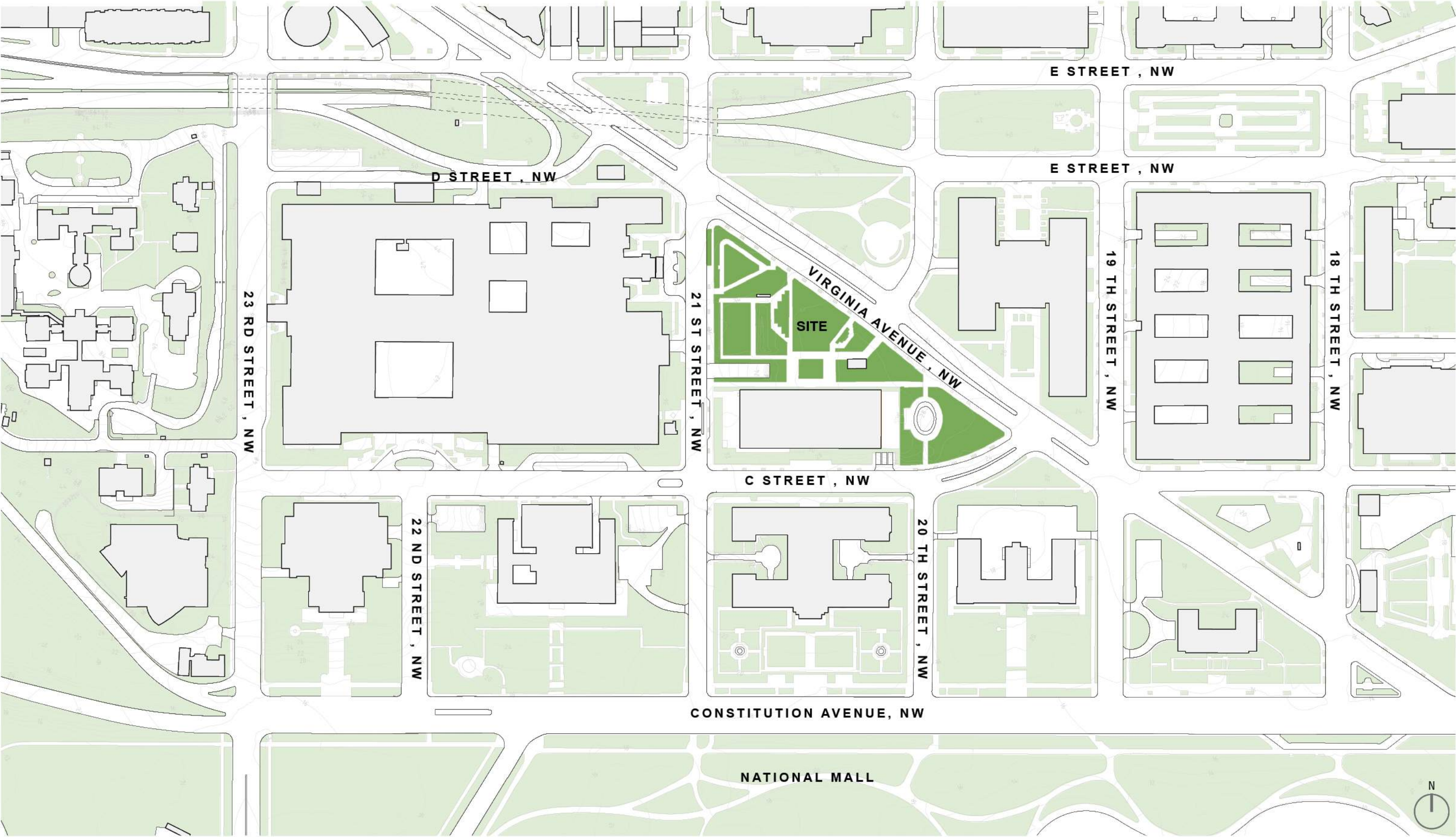
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- REPLACE THE EXISTING WATERPROOFING AT THE NORTH AND EAST GARAGE ROOFS AND THE FOUNTAIN PLAZA. REPLACING THE ROOF WATERPROOFING REQUIRES EXCAVATION OF THE OVERLAYING PARK.
- PROVIDE ABASS COMPLAINT ACCESS TO THE NORTH GARAGE. TWO NEW ACCESSIBLE PASSENGER ELEVATORS ARE NEEDED.
- REPAIR FOUNTAIN INFRASTRUCTURE AT EAST PLAZA.
- PROVIDE WIDER SIDEWALKS ALONG VIRGINIA AVENUE AND 21ST STREET IN LINE WITH DDOT’S REQUIREMENTS.
- REPLACE ALL EXISTING PARK FEATURES WITH HISTORICALLY RESPECTFUL PLANTINGS, MATERIALS, AND FIXTURES THAT PRESERVE THE HISTORIC NATURE OF THE PARK.

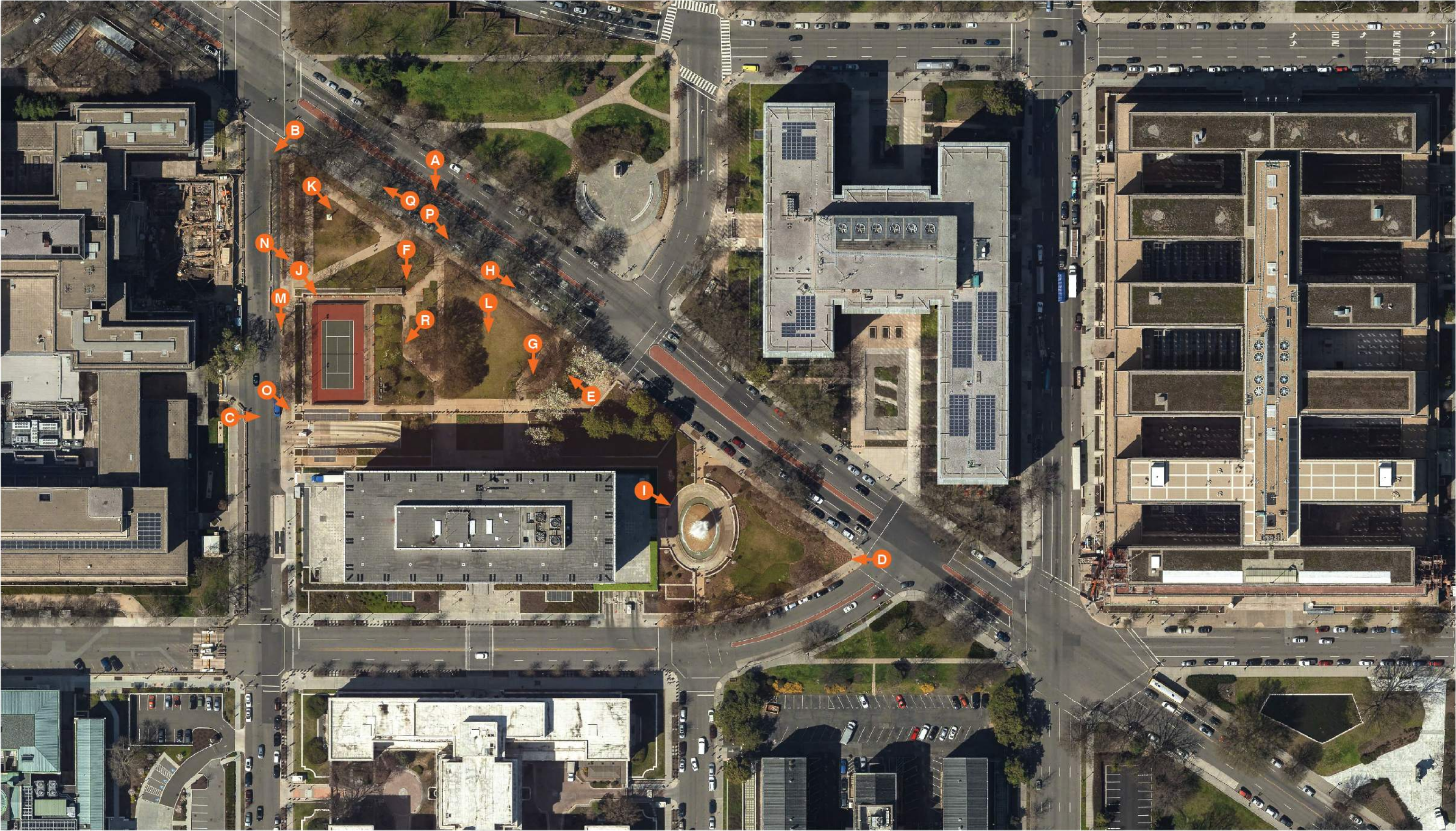


# SITE OVERVIEW













VIEW FROM VA AVENUE SOUTH TO MARTIN BUILDING [A]



INTERSECTION OF 21ST STREET & VA AVENUE [B]



21ST STREET AT NORTH GARAGE ENTRANCE RAMP [C]



VIEW FROM INTERSECTION OF C STREET & VA AVENUE [D]



SEATING AREA EAST OF THE LAWN, LOOKING NORTHWEST [E]



SEATING AREA WEST OF THE LAWN, LOOKING SOUTH [F]





SEATING AREA EAST OF THE LAWN, LOOKING SOUTH [G]



VIRGINIA AVENUE SIDEWALK, LOOKING SOUTHEAST [H]



VIEW OF THE FOUNTAIN, LOOKING SOUTHEAST [I]



VIEW OF THE TENNIS COURT, LOOKING SOUTH [J]



EDWARD J. KELLY PARK, LOOKING SOUTHEAST [K]



VIEW OF THE LAWN AND SCULPTURES, LOOKING SOUTH [L]





21ST STREET LOOKING SOUTH [M]



21ST STREET PLANTERS LOOKING SOUTHEAST [N]



EXISTING GRATES AT 21ST STREET LOOKING SOUTHEAST [O]



VA AVENUE LOOKING SOUTHEAST [P]

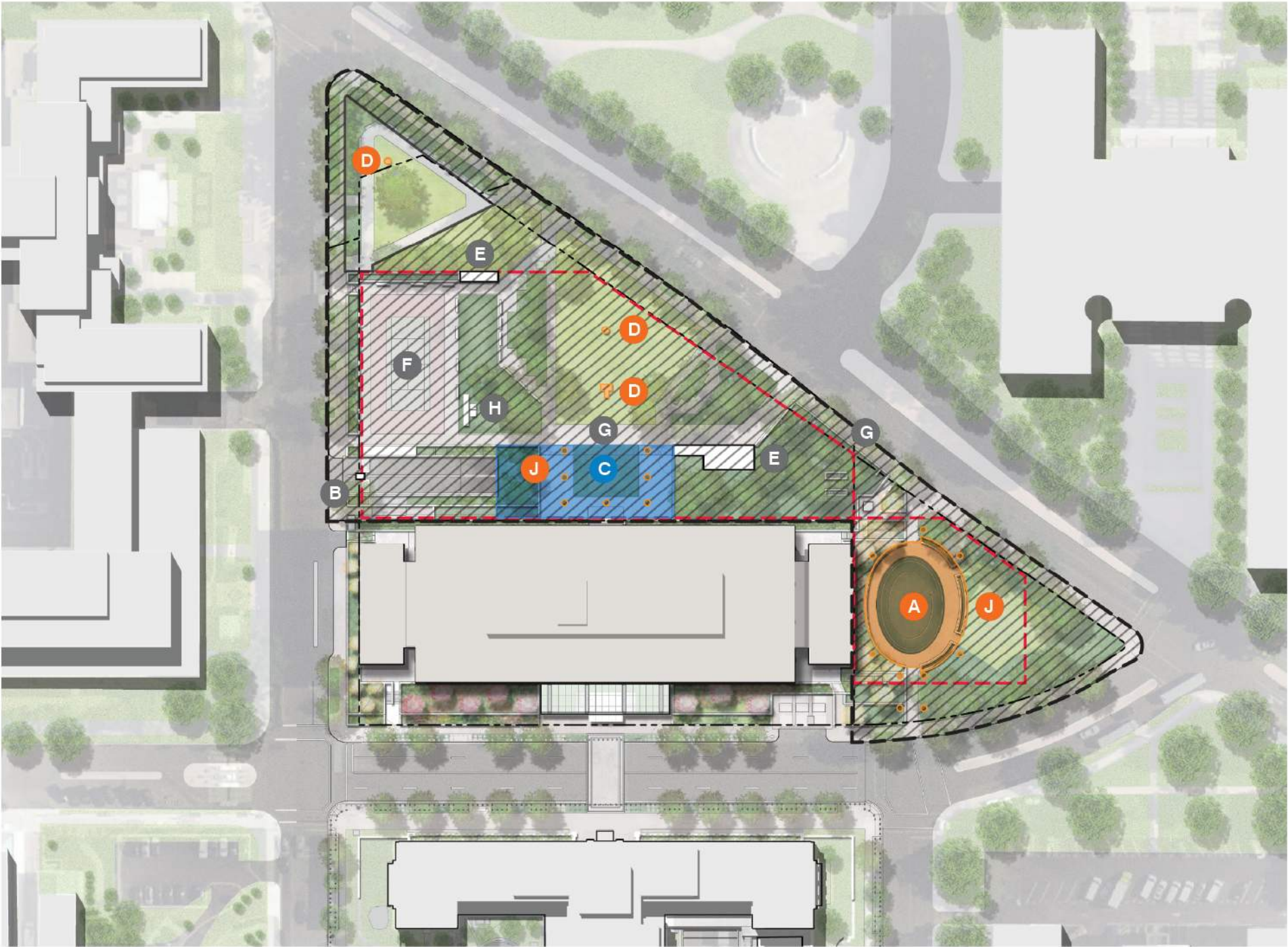


VA AVENUE LOOKING NORTHWEST [Q]



EXISTING GENERATOR EXHAUSTS [R]





**EXISTING SITE**

- A FOUNTAIN (RETAINED)
- B GUARD BOOTH
- C SOUTH PLAZA (TO BE RAISED)
- D SCULPTURES (RETAINED)
- E VIRGINIA AVENUE ENTRY KIOSK / STAIR
- F TENNIS COURT
- G BOLLARDS / WALL
- H GENERATOR EXHAUST
- J LIGHT FIXTURES (RETAINED)

**LEGEND**

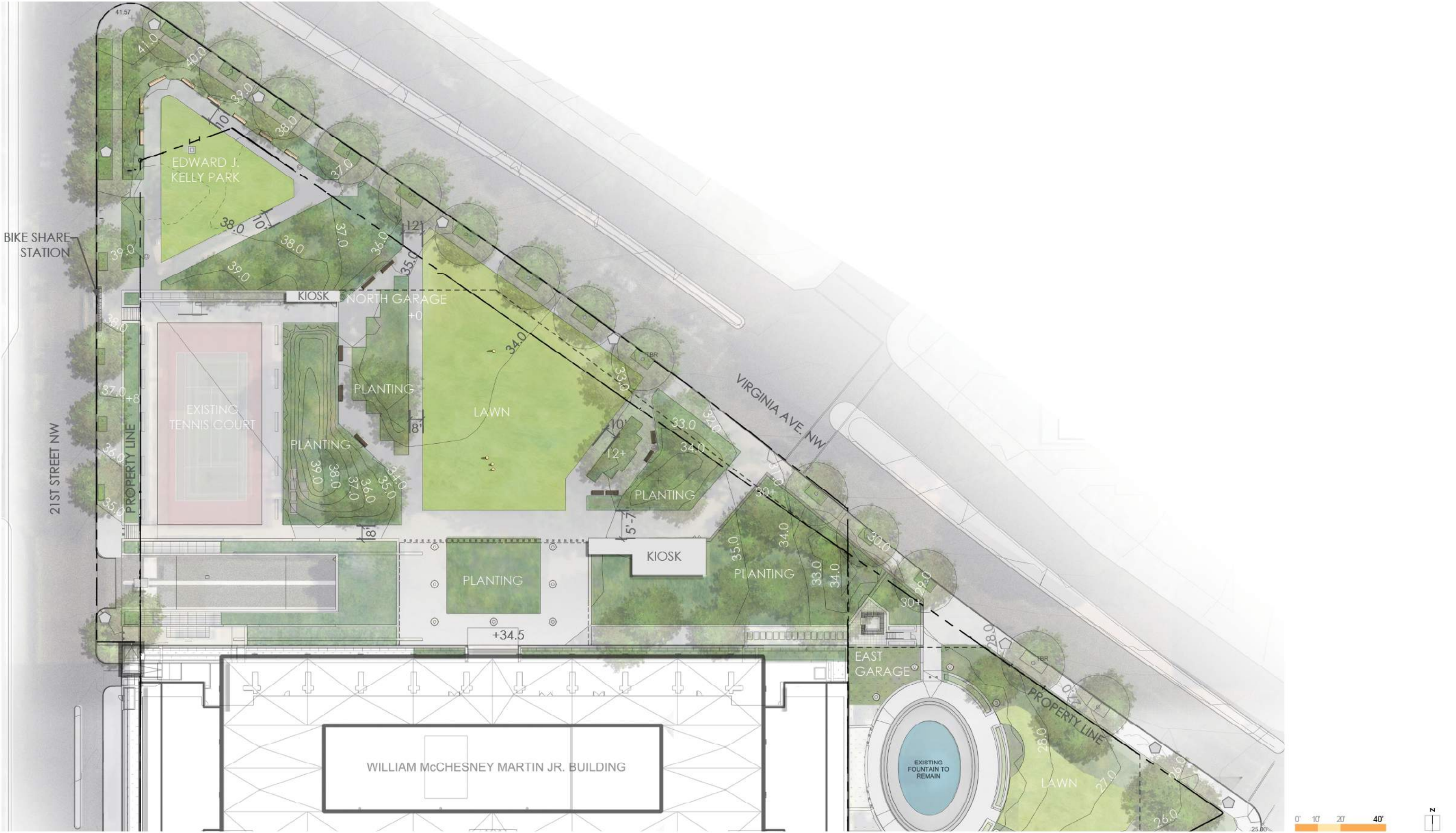
- PROPERTY LINE
- - - GARAGE BELOW
- EXISTING ELEMENT TO BE SALVAGED, REPAIRED, AND REINSTALLED
- EXISTING ELEMENT TO BE REMOVED, REINSTALLED AT A HIGHER ELEVATION
- LIMITS OF GROUND DISTURBANCE



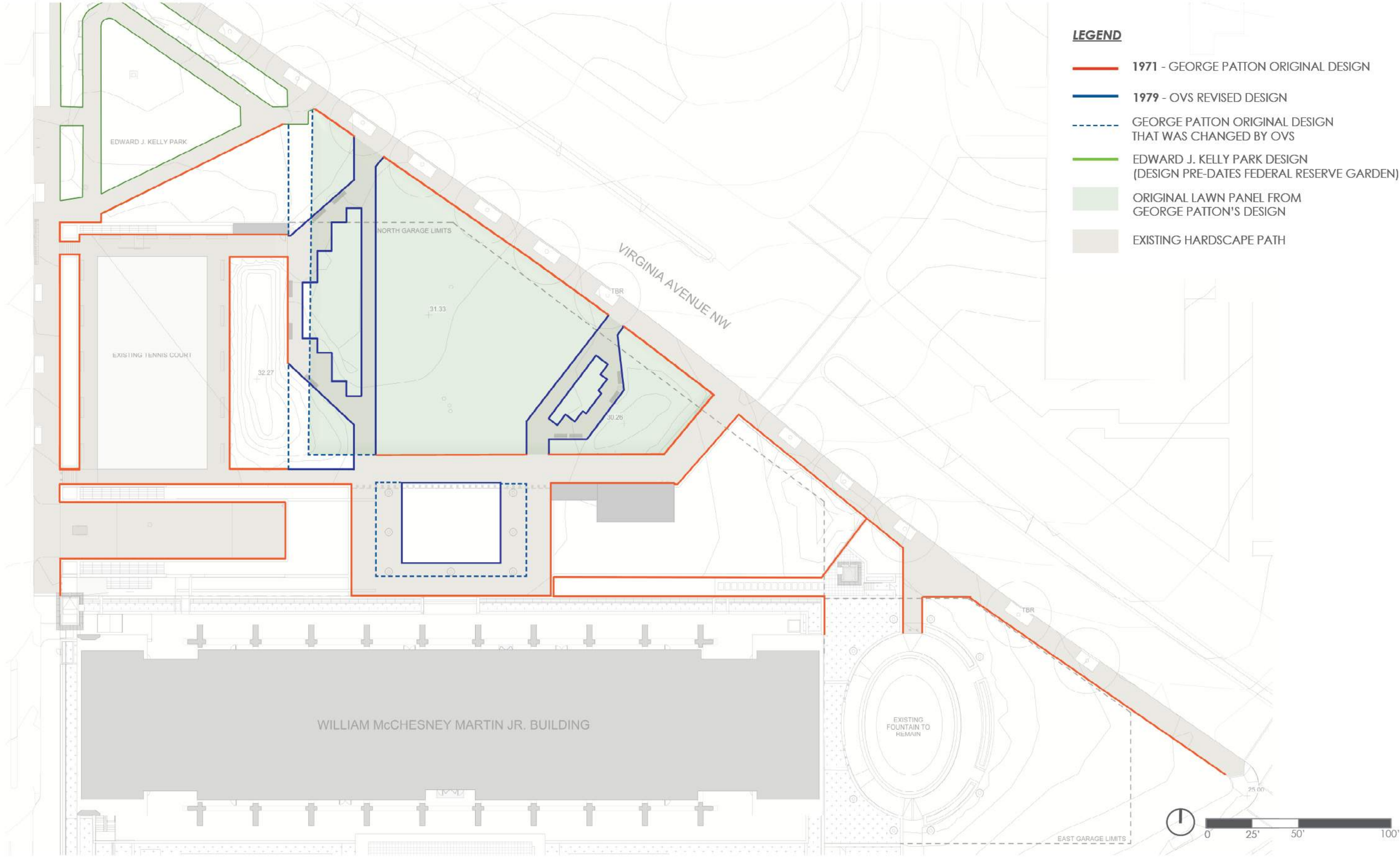


EXISTING SITE

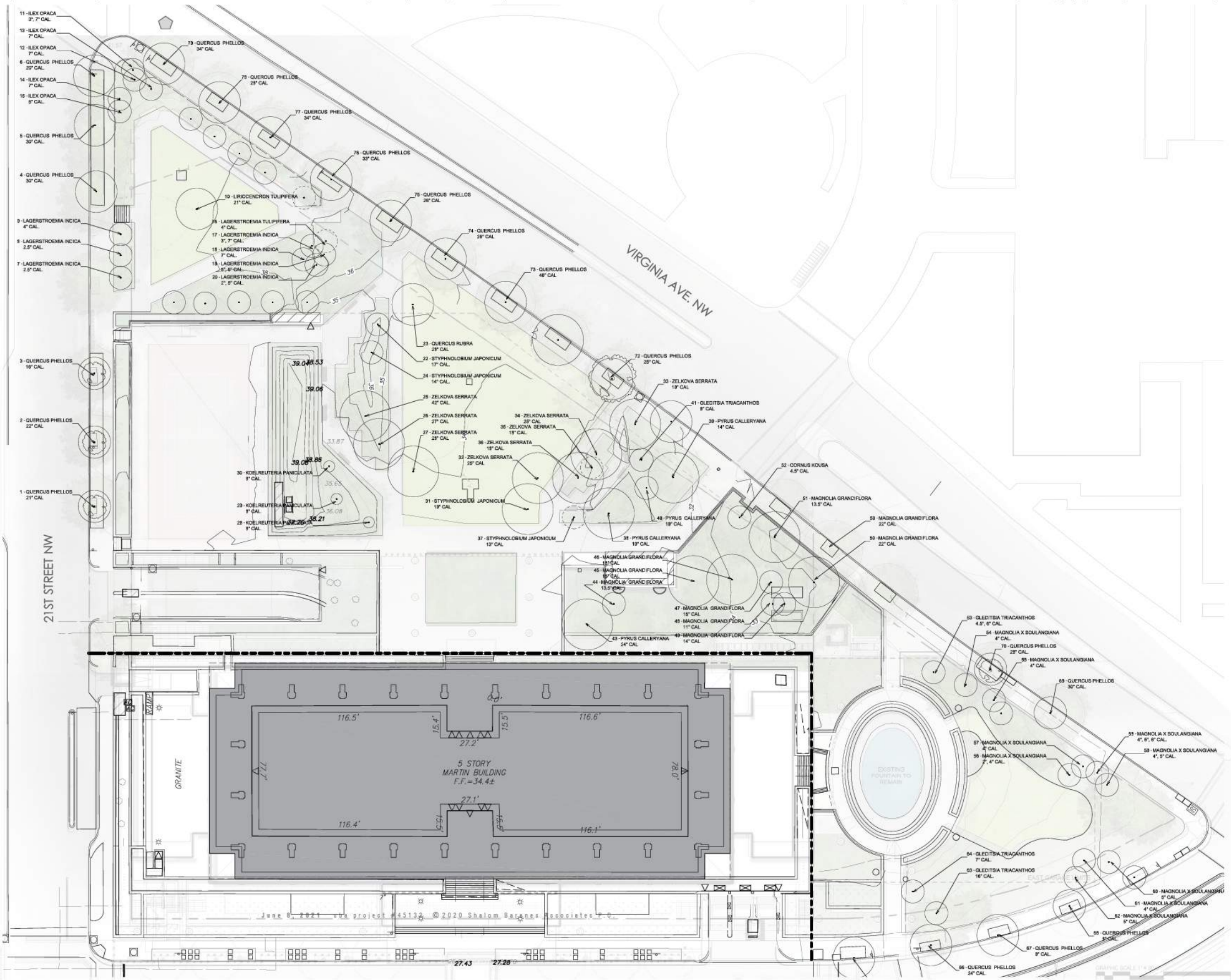












PHASE 2 - EXISTING TREE SCHEDULE				
Tree #	Scientific Name	Common Name	Diameter	Comments
1	QUERCUS PHELLOS	WILLOW OAK	21" CAL	FAIR
2	QUERCUS PHELLOS	WILLOW OAK	22" CAL	FAIR/POOR
3	QUERCUS PHELLOS	WILLOW OAK	16" CAL	FAIR
4	QUERCUS PHELLOS	WILLOW OAK	30" CAL	GOOD
5	QUERCUS PHELLOS	WILLOW OAK	30" CAL	GOOD
6	QUERCUS PHELLOS	WILLOW OAK	20" CAL	FAIR
7	LAGERSTROEMIA INDICA	CRAPE MYRTLE	2.5" CAL	GOOD
8	LAGERSTROEMIA INDICA	CRAPE MYRTLE	2.5" CAL	FAIR
9	LAGERSTROEMIA INDICA	CRAPE MYRTLE	4" CAL	FAIR
10	LIRIODENDRON TULIIFERA	TULIP POPLAR	21" CAL	FAIR
11	ILEX OPACA	AMERICAN HOLLY	3", 7" CAL	FAIR
12	ILEX OPACA	AMERICAN HOLLY	7" CAL	FAIR
13	ILEX OPACA	AMERICAN HOLLY	7" CAL	FAIR
14	ILEX OPACA	AMERICAN HOLLY	7" CAL	FAIR
15	ILEX OPACA	AMERICAN HOLLY	5" CAL	FAIR
17	LAGERSTROEMIA INDICA	CRAPE MYRTLE	3", 7" CAL	GOOD
18	LAGERSTROEMIA INDICA	CRAPE MYRTLE	7" CAL	GOOD
19	LAGERSTROEMIA INDICA	CRAPE MYRTLE	5", 6" CAL	GOOD
20	LAGERSTROEMIA INDICA	CRAPE MYRTLE	2", 5" CAL	GOOD
22	STYPHNOLOBIUM JAPONICUM	PAGODA TREE	17" CAL	FAIR
23	QUERCUS RUBRA	NORTHERN RED OAK	28" CAL	POOR
24	STYPHNOLOBIUM JAPONICUM	PAGODA TREE	14" CAL	POOR
25	ZELKOVA SERRATA	ZELKOVA	42" CAL	GOOD
26	ZELKOVA SERRATA	ZELKOVA	27" CAL	GOOD
27	ZELKOVA SERRATA	ZELKOVA	28" CAL	GOOD
28	KOELREUTERIA PANICULATA	GOLDEN RAIN TREE	8" CAL	GOOD
29	KOELREUTERIA PANICULATA	GOLDEN RAIN TREE	8" CAL	GOOD
30	KOELREUTERIA PANICULATA	GOLDEN RAIN TREE	8" CAL	GOOD
31	STYPHNOLOBIUM JAPONICUM	PAGODA TREE	19" CAL	FAIR/POOR
32	ZELKOVA SERRATA	ZELKOVA	25" CAL	GOOD
33	ZELKOVA SERRATA	ZELKOVA	19" CAL	FAIR
34	ZELKOVA SERRATA	ZELKOVA	25" CAL	GOOD/FAIR
36	ZELKOVA SERRATA	ZELKOVA	18" CAL	GOOD/FAIR
38	PYRUS CALLERYANA	CALLERY PEAR	19" CAL	FAIR
39	PYRUS CALLERYANA	CALLERY PEAR	14" CAL	FAIR/POOR
40	PYRUS CALLERYANA	CALLERY PEAR	19" CAL	FAIR/POOR
41	GLEDITSIA TRIACANTHOS	HONEYLOCUST	9" CAL	GOOD
43	PYRUS CALLERYANA	CALLERY PEAR	24" CAL	POOR
44	MAGNOLIA GRANDIFLORA	SOUTHERN MAGNOLIA	13.5" CAL	POOR
45	MAGNOLIA GRANDIFLORA	SOUTHERN MAGNOLIA	15" CAL	GOOD/FAIR
46	MAGNOLIA GRANDIFLORA	SOUTHERN MAGNOLIA	18" CAL	GOOD/FAIR
47	MAGNOLIA GRANDIFLORA	SOUTHERN MAGNOLIA	15" CAL	GOOD/FAIR
48	MAGNOLIA GRANDIFLORA	SOUTHERN MAGNOLIA	11" CAL	FAIR
49	MAGNOLIA GRANDIFLORA	SOUTHERN MAGNOLIA	14" CAL	GOOD/FAIR
50	MAGNOLIA GRANDIFLORA	SOUTHERN MAGNOLIA	22" CAL	GOOD
51	MAGNOLIA GRANDIFLORA	SOUTHERN MAGNOLIA	13.5" CAL	FAIR
52	CORNUS KOUSA	KOUSA DOGWOOD	4.5" CAL	GOOD
53	GLEDITSIA TRIACANTHOS	HONEYLOCUST	4.5", 6" CAL	GOOD
54	MAGNOLIA X SOULANGIANA	SAUCER MAGNOLIA	4" CAL	GOOD
55	MAGNOLIA X SOULANGIANA	SAUCER MAGNOLIA	4" CAL	FAIR/POOR
56	MAGNOLIA X SOULANGIANA	SAUCER MAGNOLIA	2", 4" CAL	GOOD/FAIR
57	MAGNOLIA X SOULANGIANA	SAUCER MAGNOLIA	4" CAL	GOOD/FAIR
58	MAGNOLIA X SOULANGIANA	SAUCER MAGNOLIA	4", 5", 6" CAL	FAIR/POOR
59	MAGNOLIA X SOULANGIANA	SAUCER MAGNOLIA	4", 5" CAL	GOOD
60	MAGNOLIA X SOULANGIANA	SAUCER MAGNOLIA	5" CAL	GOOD
61	MAGNOLIA X SOULANGIANA	SAUCER MAGNOLIA	4" CAL	GOOD
62	MAGNOLIA X SOULANGIANA	SAUCER MAGNOLIA	5" CAL	GOOD
63	GLEDITSIA TRIACANTHOS	HONEYLOCUST	16" CAL	POOR
64	GLEDITSIA TRIACANTHOS	HONEYLOCUST	7" CAL	GOOD
65	QUERCUS PHELLOS	WILLOW OAK	23" CAL	GOOD
66	QUERCUS PHELLOS	WILLOW OAK	24" CAL	GOOD
67	QUERCUS PHELLOS	WILLOW OAK	9" CAL	GOOD
68	QUERCUS PHELLOS	WILLOW OAK	8" CAL	GOOD
69	QUERCUS PHELLOS	WILLOW OAK	30" CAL	GOOD
70	QUERCUS PHELLOS	WILLOW OAK	28" CAL	GOOD
71	QUERCUS PHELLOS	WILLOW OAK	8" CAL	GOOD
72	QUERCUS PHELLOS	WILLOW OAK	25" CAL	GOOD
73	QUERCUS PHELLOS	WILLOW OAK	40" CAL	FAIR
74	QUERCUS PHELLOS	WILLOW OAK	26" CAL	GOOD/FAIR
75	QUERCUS PHELLOS	WILLOW OAK	26" CAL	GOOD/FAIR
76	QUERCUS PHELLOS	WILLOW OAK	33" CAL	GOOD
77	QUERCUS PHELLOS	WILLOW OAK	34" CAL	GOOD
78	QUERCUS PHELLOS	WILLOW OAK	28" CAL	GOOD
79	QUERCUS PHELLOS	WILLOW OAK	34" CAL	GOOD

NOTE  
TREE SURVEY COMPLETED BY PITCHFORD & ASSOCIATES ON 10/13/2020

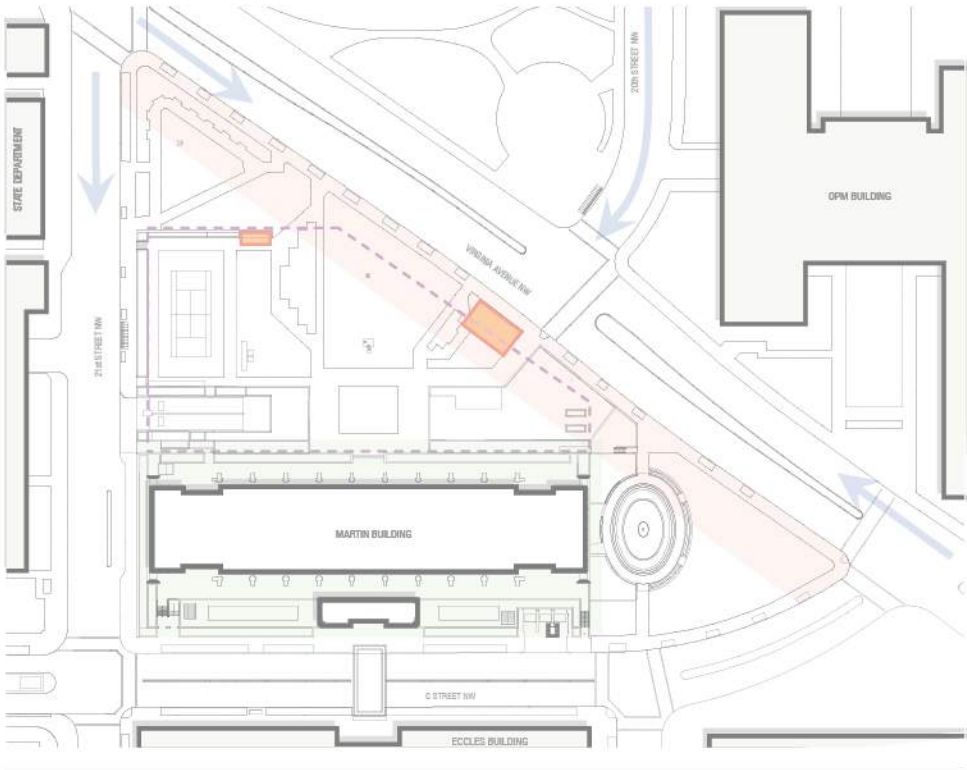




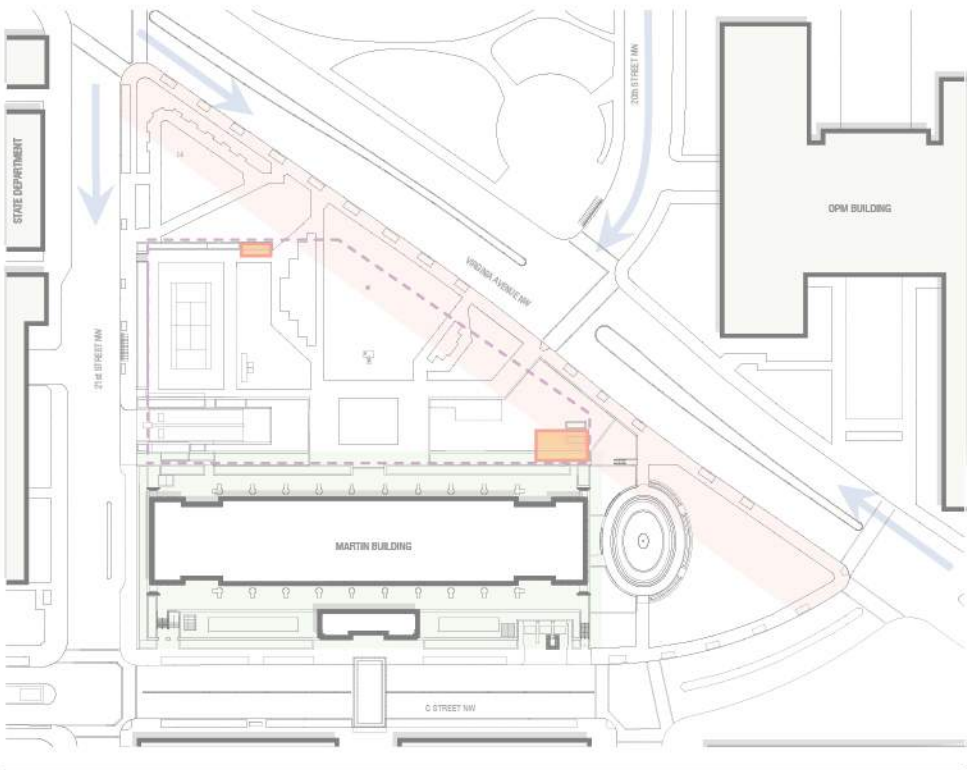


CONCEPT DESIGN: ARCHITECTURE

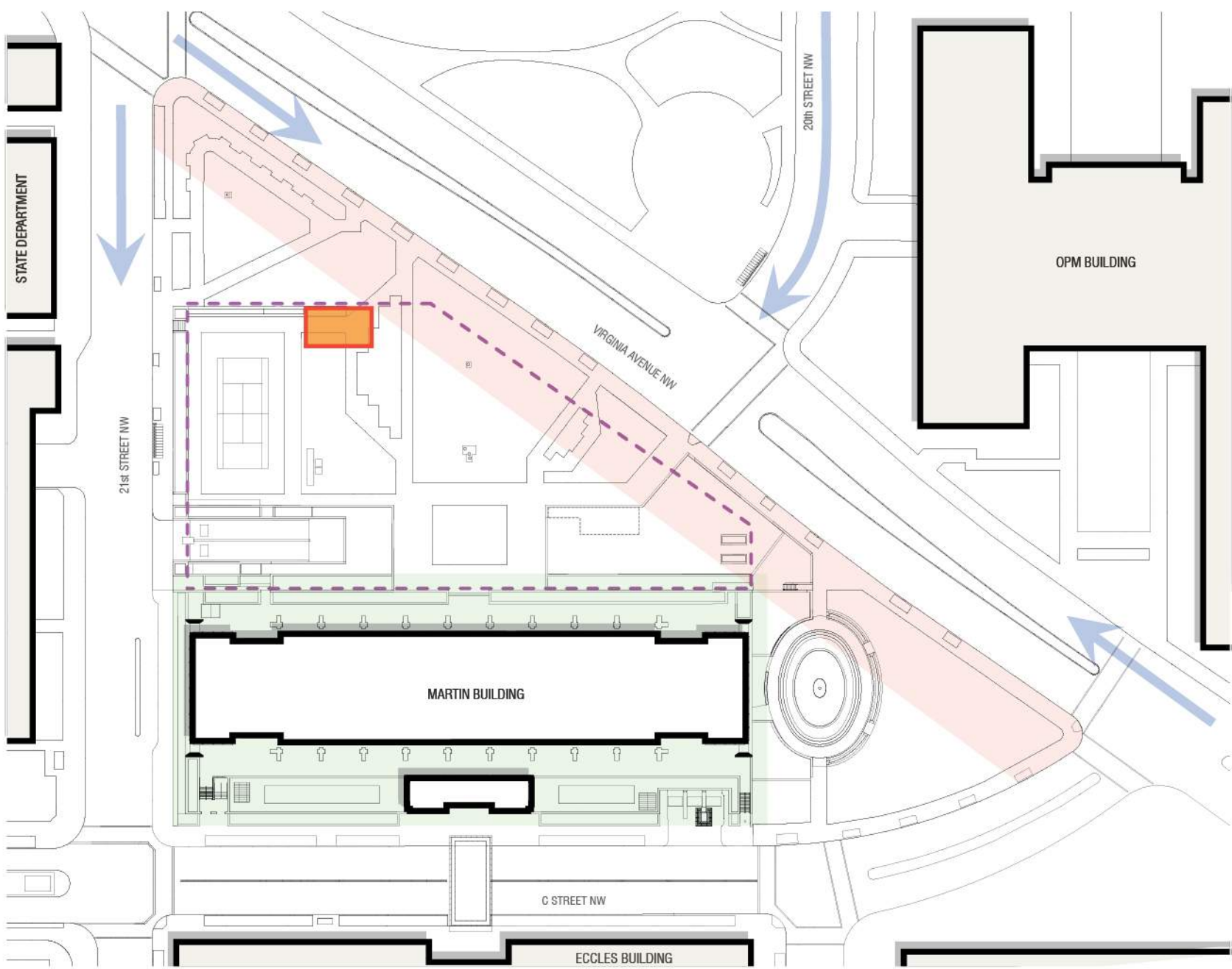




ALONG VA AVENUE



NEAR MARTIN BUILDING

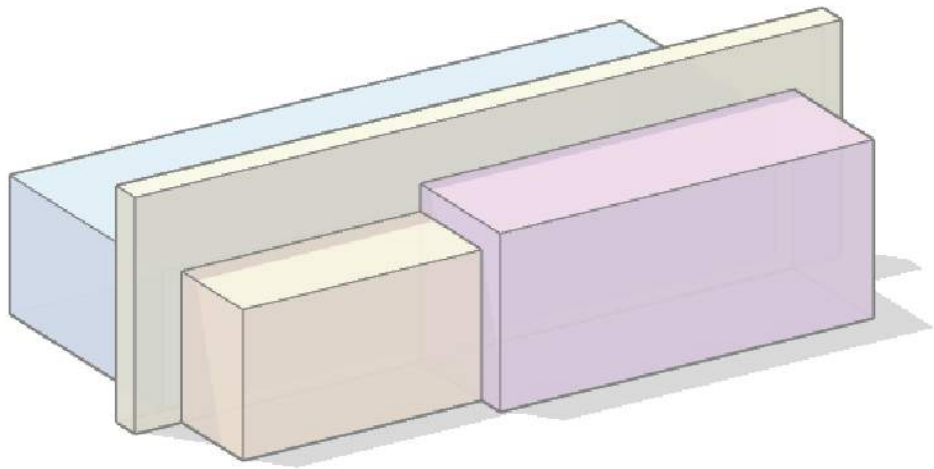


ADJACENT TO TENNIS COURT

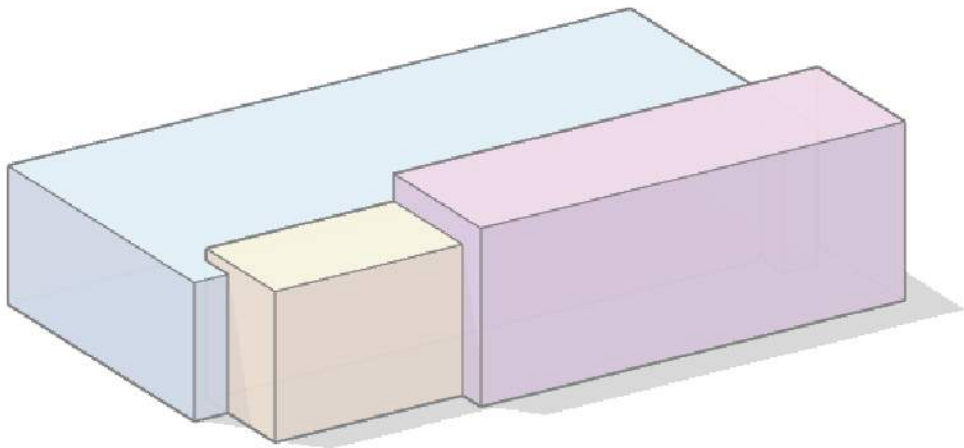
SEVERAL LOCATIONS FOR THE KIOSK WERE ANALYZED INCLUDING: THE CURRENT ENTRY KIOSK LOCATION; THE APPROVED NORTHEAST GUARD BOOTH, ON AXIS WITH 20TH STREET; AND AT THE EXISTING NORTH GARAGE EMERGENCY EGRESS KIOSK. TO MEET THE PROGRAM AND ACCESSIBILITY REQUIREMENTS, THE HEIGHT AND MASSING OF THE PROPOSED KIOSK AT THE NORTHEAST SITES APPEAR TOO LARGE AND INCONGRUOUS WITH THE NEW MARTIN BUILDING ADDITION. SITING THE KIOSK ON AXIS WITH 20TH STREET, THE STRUCTURE APPEARS AS AN OBJECT IN THE LANDSCAPE EMPHASIZING THE NON-PUBLIC SERVING KIOSK, RATHER THAN THE PUBLIC GARDENS. LOCATING THE ENTRY KIOSK REMOTE ENOUGH FROM THE MARTIN BUILDING, SATISFIES A LIFE-SAFETY REQUIREMENT FOR A SECOND MEANS OF EGRESS BY EXITING THROUGH THE MARTIN BUILDING INSTEAD OF HAVING A SECOND ABOVE GRADE STAIR ENCLOSURE IN THE PARK. IN ADDITION TO REDUCING THE NUMBER OF ABOVE GRADE STRUCTURES NEEDED, THE KIOSK IS SITED ADJACENT TO THE MORE UTILITARIAN FEATURES OF THE SITE AND OPEN SPACE IS MAXIMIZED.

- VA AVENUE EXCLUSION
- MARTIN BLD EXCLUSION
- MAJOR VIEW CORRIDORS
- GARAGE BELOW

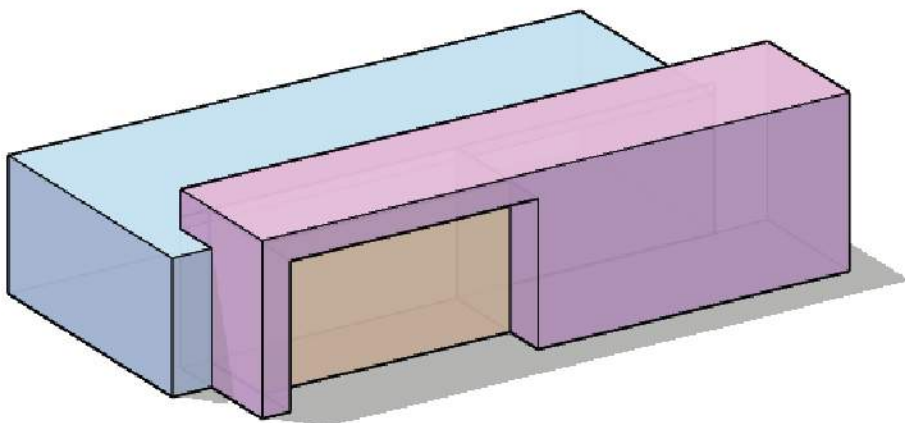




FOUR MASSES






THREE MASSES



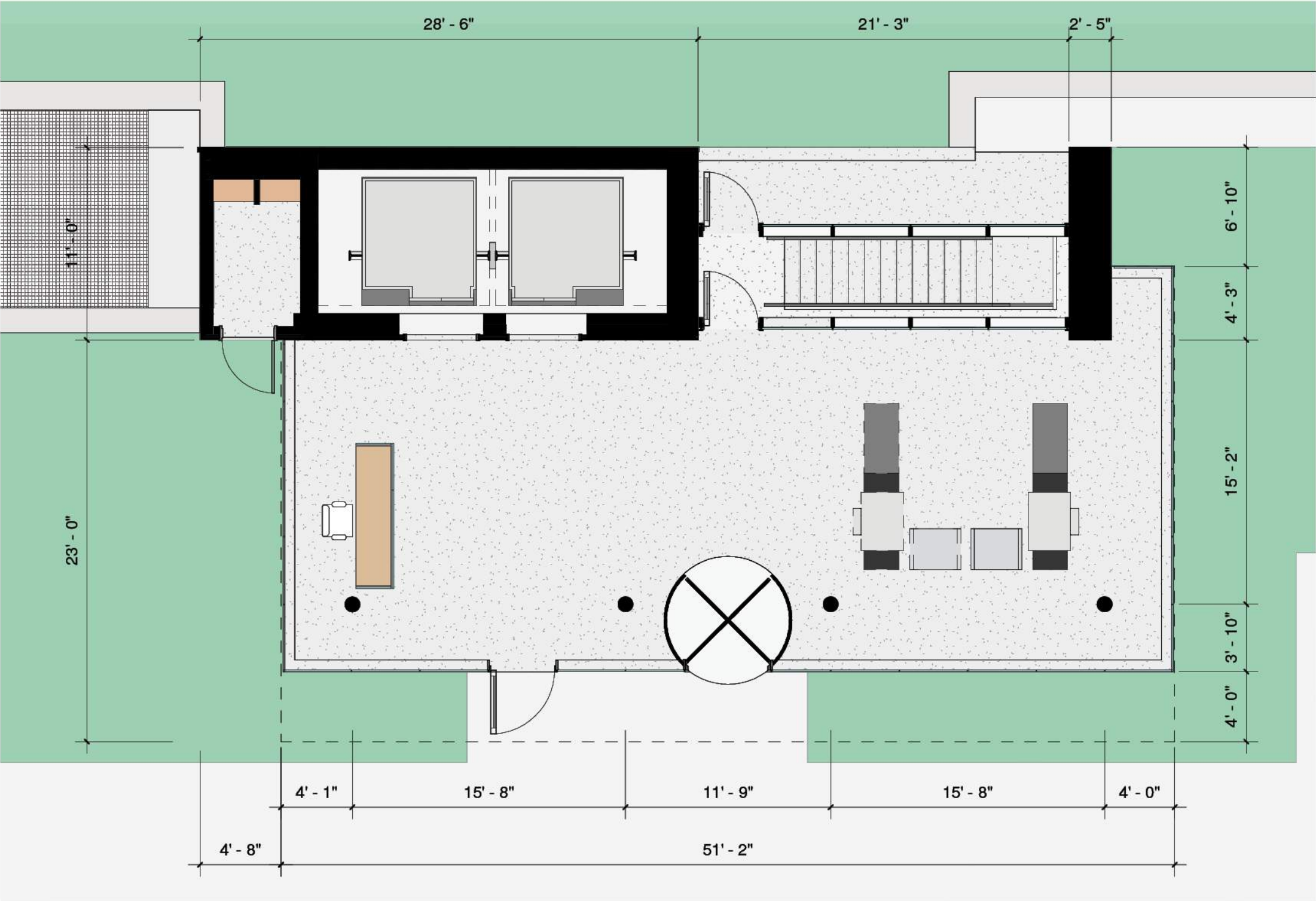
TWO MASSES



-  KIOSK PROGRAM
-  VERTICAL CIRCULATION (ELEVATOR)
-  VERTICAL CIRCULATION (STAIRS)

THE MASSING IS TWO INTERSECTING VOLUMES – ONE GLASS AND THE OTHER STONE. THE GLASS VOLUME HOUSES THE LOBBY AND SECURITY FUNCTIONS WHILE THE STONE HOUSES THE VERTICAL CIRCULATION. THE TRANSPARENCY OF THE GLASS CURTAIN WALL WITH GLASS FINS RESULTS IN A DELICATE AND CLEAN STRUCTURE WITH MINIMAL LINES. THIS HELPS THE KIOSK TO VISUALLY APPEAR TO RECEDE INTO THE LANDSCAPE AND PLACES MORE PROMINENCE ON THE PARK ITSELF. THE TYPE AND SIZE OF STONE IS SIMILAR TO AND COMPATIBLE WITH THE STONE USED AT ADJACENT BUILDINGS. THE LARGE FRAMED OPENING AT THE NORTH FAÇADE, REDUCES THE HEAVY APPEARANCE OF THE VERTICAL CIRCULATION VOLUME AND PERMITS VIEWS TO THE GARDEN THROUGH THE LOBBY. THE SIZE AND LAYOUT OF THE ENTRY HAS BEEN DESIGNED TO MAXIMIZE SECURITY AND SCREENING OPERATIONS WHILE REDUCING THE OVERALL FOOTPRINT. THE ELEVATOR OVERRUN HAS BEEN DESIGNED TO BE A LOW AS POSSIBLE, APPROXIMATELY 15'-7" ABOVE THE LOBBY FLOOR.

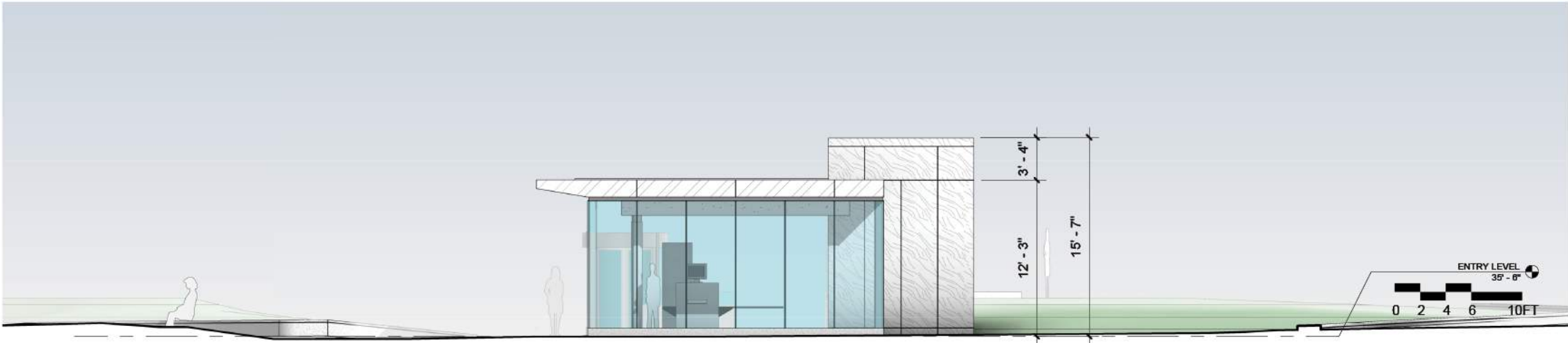








SOUTH ELEVATION

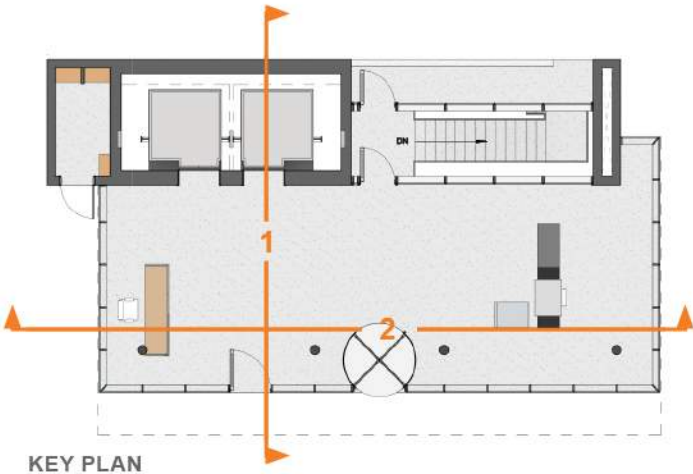
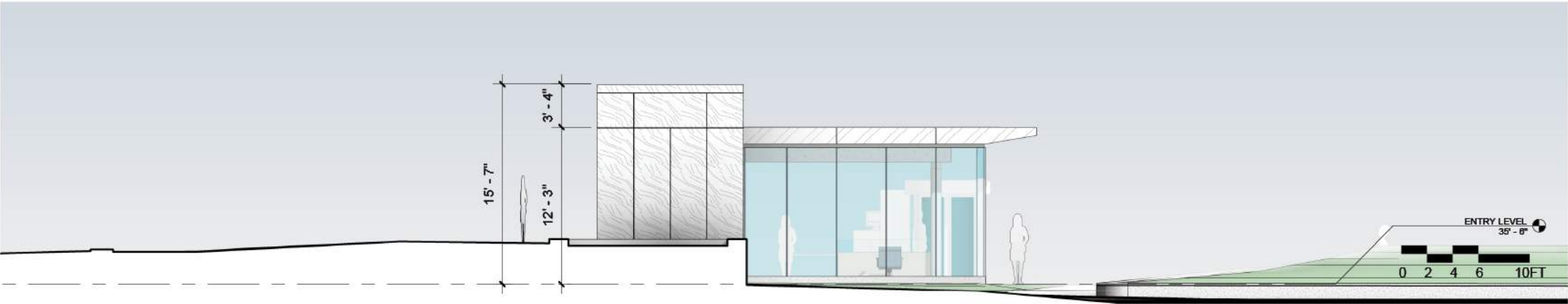


EAST ELEVATION

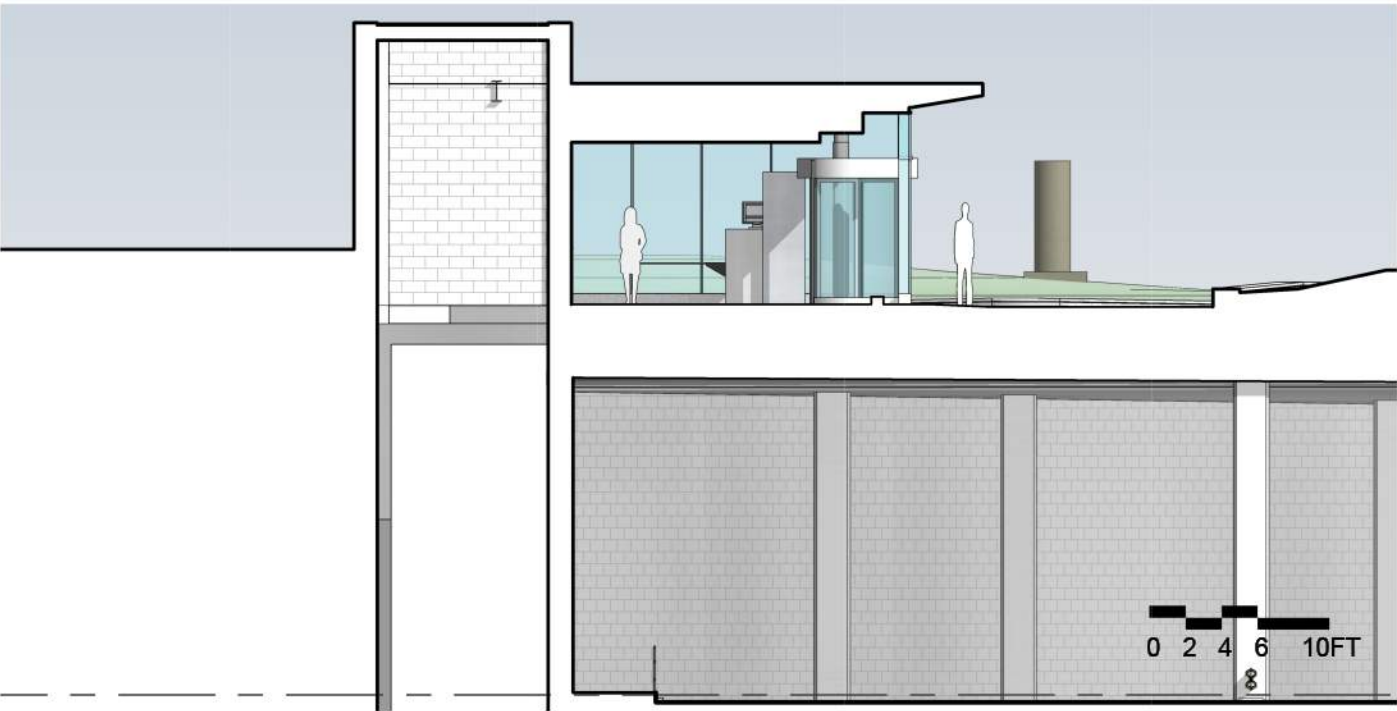


NORTH ELEVATION





WEST ELEVATION

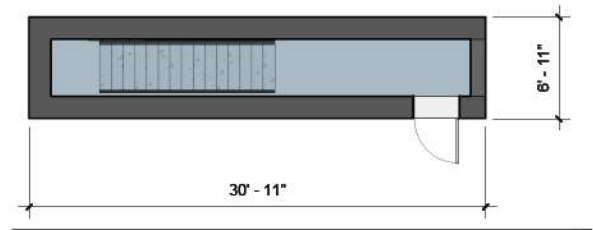


PARTIAL GARAGE SECTION N-S [1]

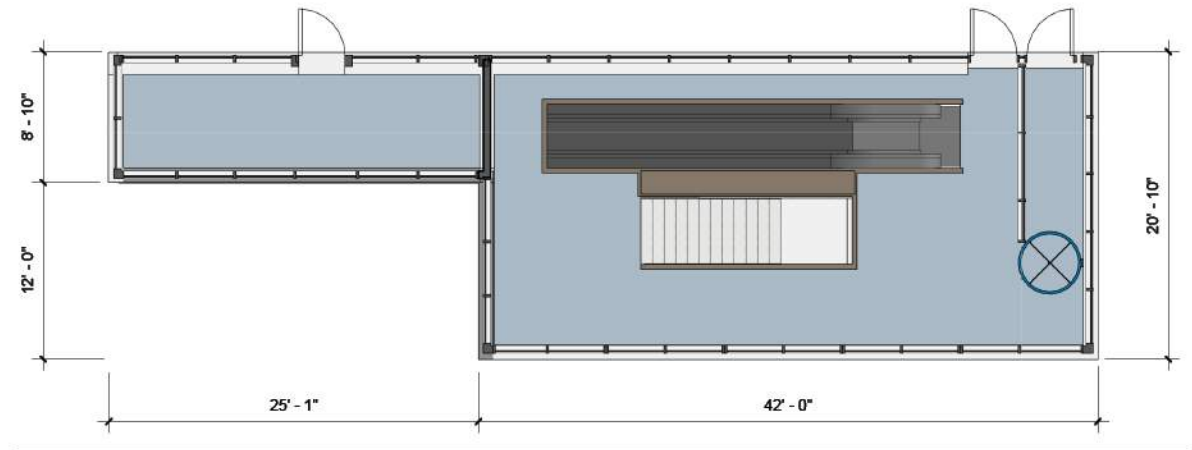


PARTIAL GARAGE SECTION E-W [2]

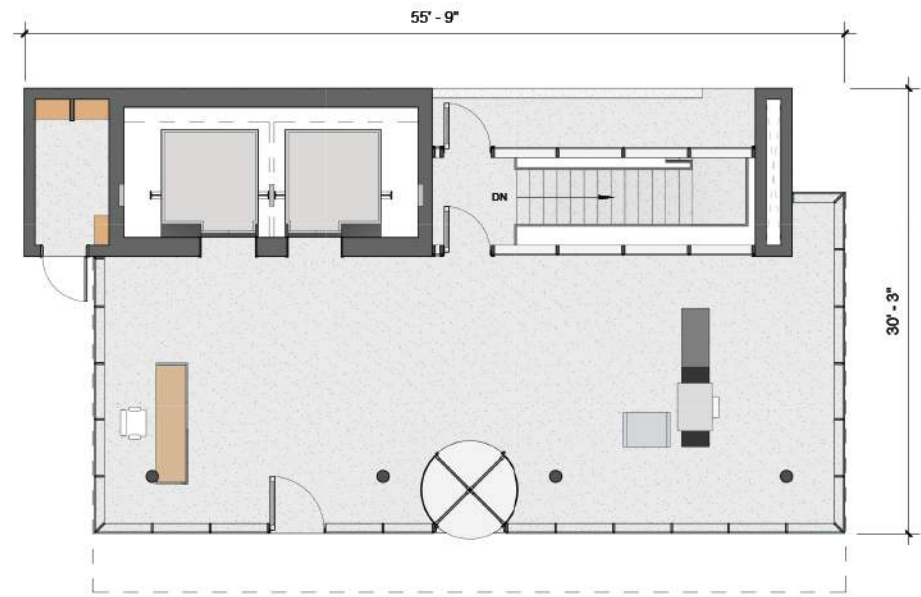




EXISTING EGRESS STAIR PLAN



EXISTING ENTRY KIOSK PLAN [1,315 SF TOTAL]



PROPOSED ENTRY KIOSK PLAN [1,485 SF TOTAL]



EXISTING ENTRY KIOSK PERSPECTIVE

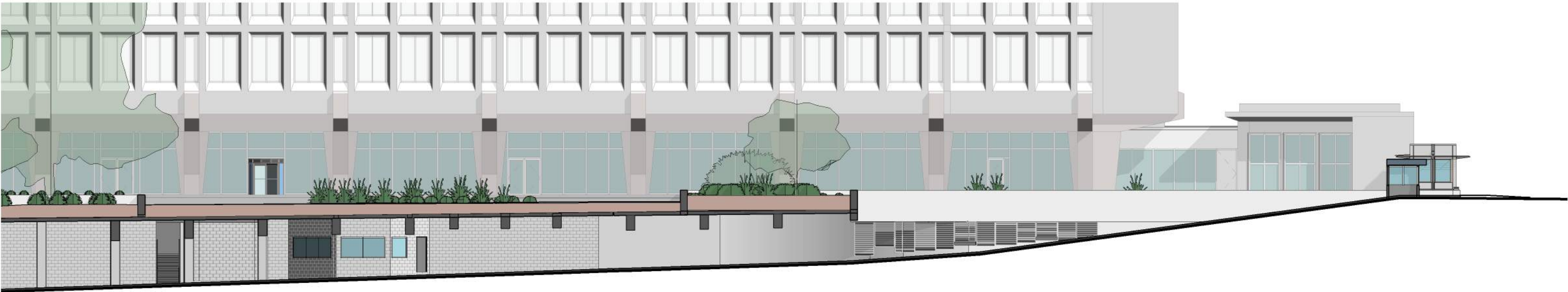


EXISTING EGRESS STAIR PERSPECTIVE

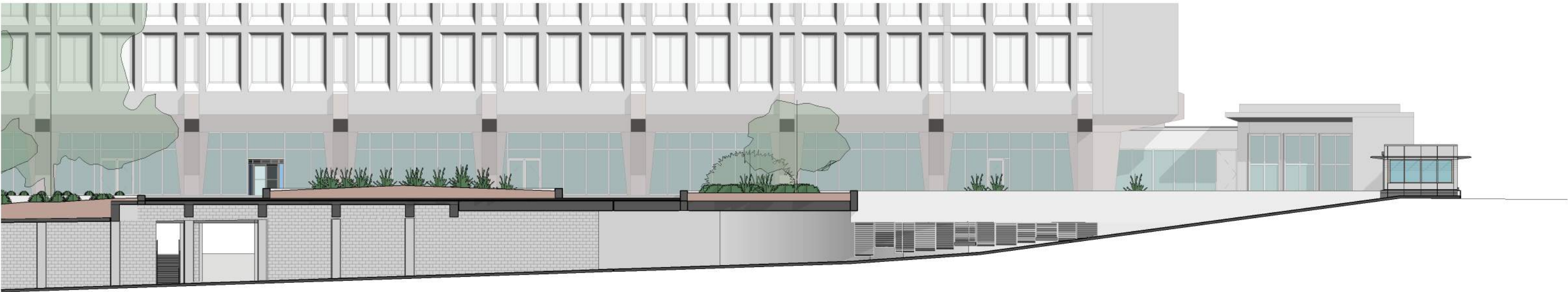


PROPOSED ENTRY KIOSK PERSPECTIVE



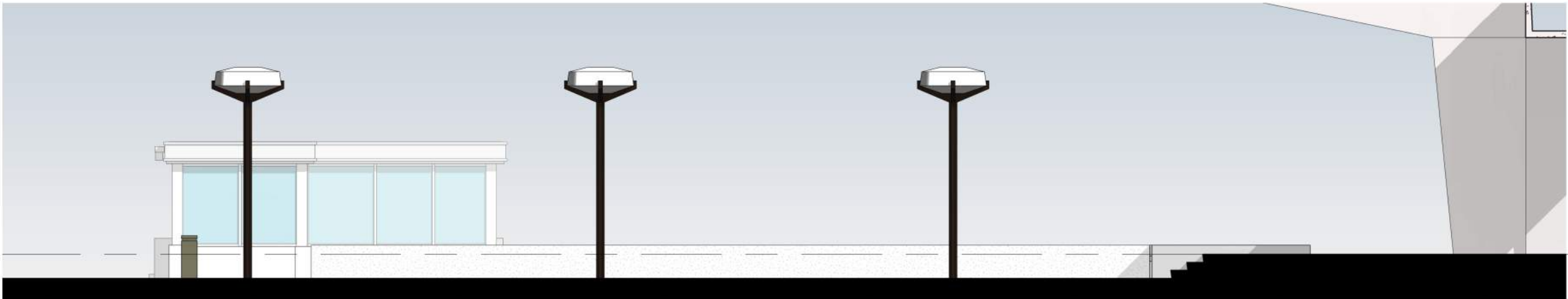


EXISTING ENTRY RAMP ROOF - 7'-3" CLEARANCE



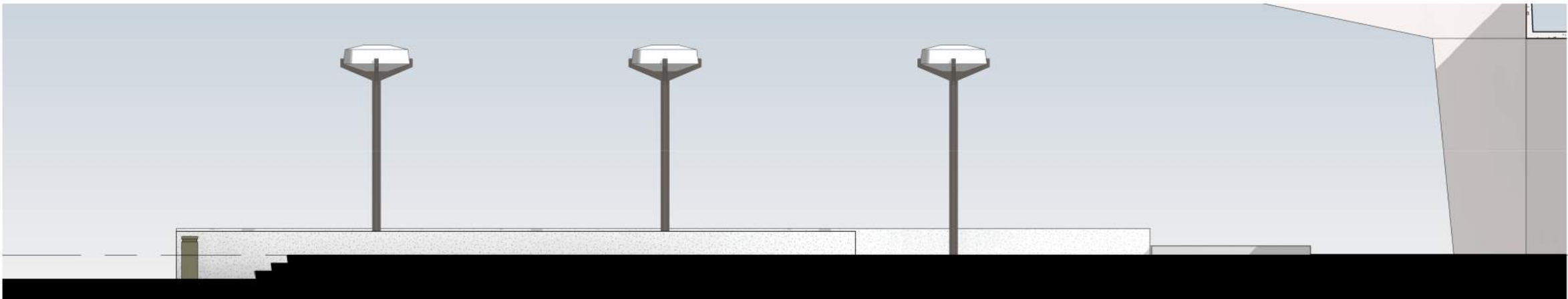
PROPOSED ENTRY RAMP ROOF - 9'-6" CLEARANCE





EXISTING PLAZA @ 33'-0"

PODIUM  
ELE. 34'-6"



PROPOSED PLAZA RAISED TO 34'-6"

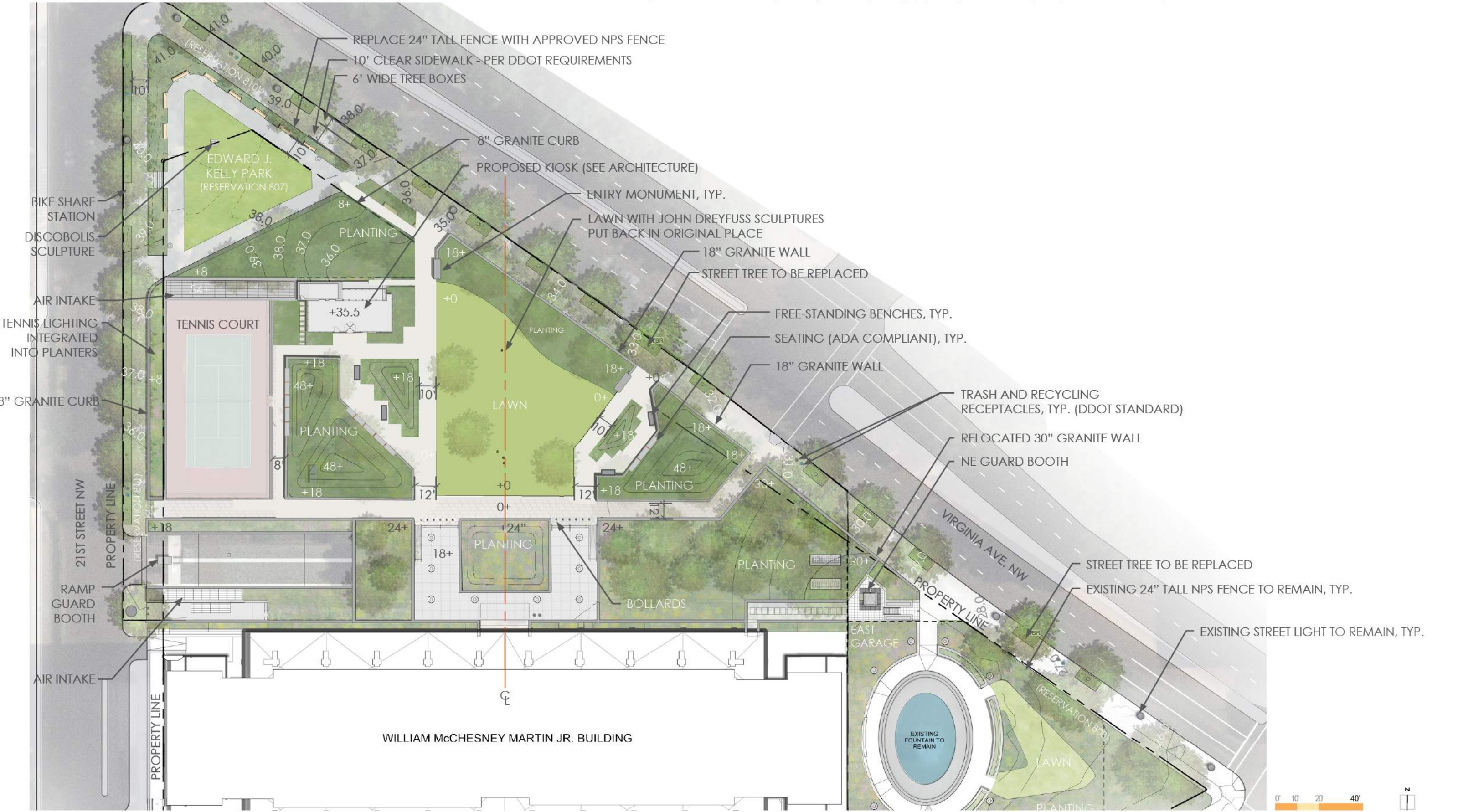
PODIUM  
ELE. 34'-6"



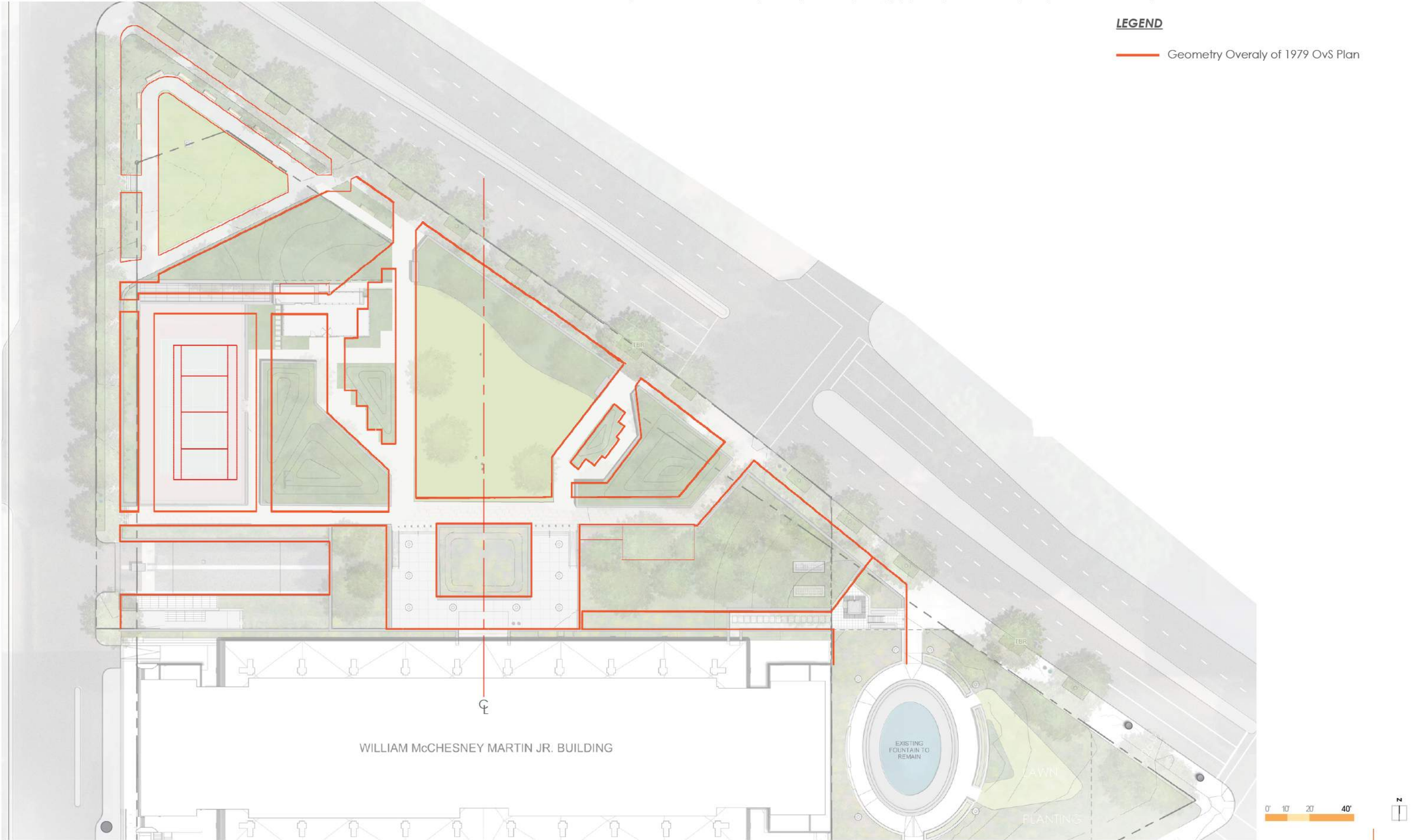


CONCEPT DESIGN: LANDSCAPE





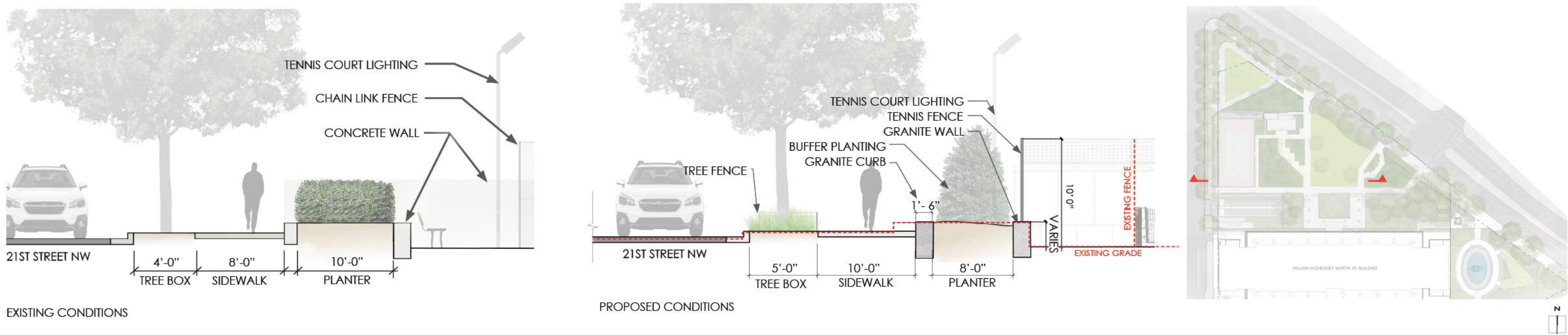




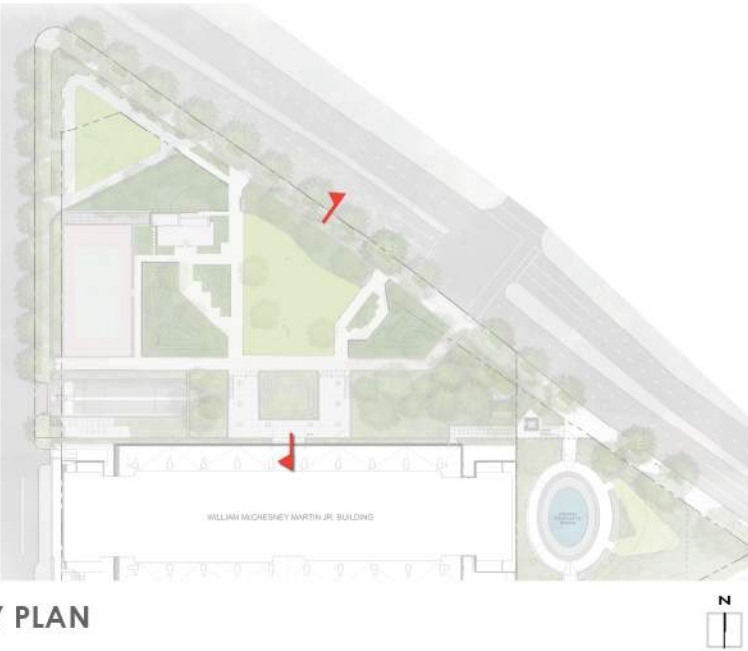
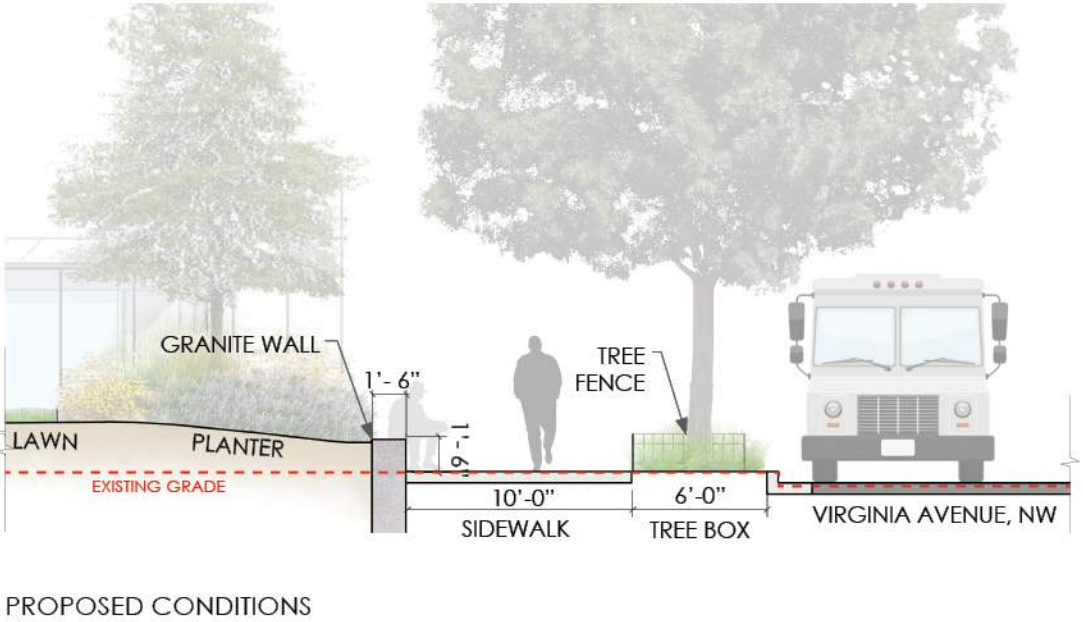
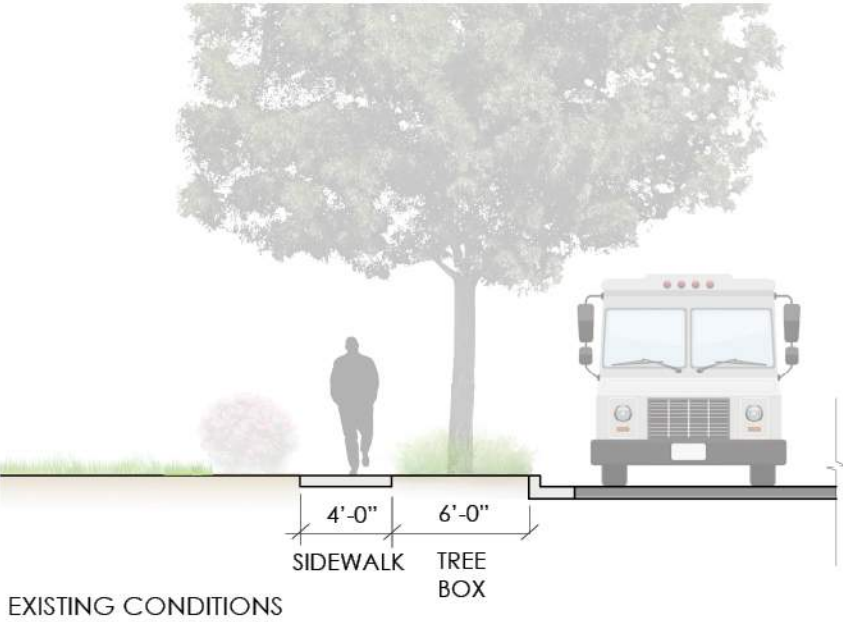
**LEGEND**

— Geometry Overlay of 1979 OVS Plan









0' 4' 8' 16'

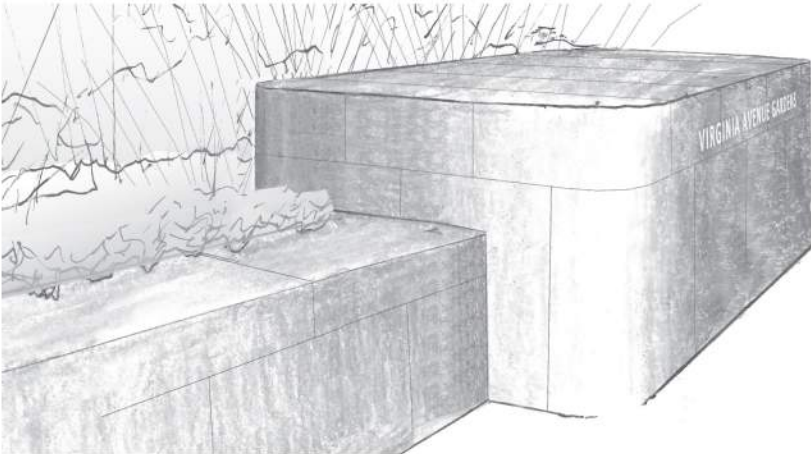




18" GRANITE WALL



18" GRANITE WALL WITH INSERTED  
MODULAR STEEL SEATING (ADA COMPLIANT)



GRANITE PIER



DDOT STANDARD TRASH &  
RECYCLING RECEPTACLES



BIKE RACKS



Cast-In-Place Concrete





● AMELANCHIER CANADENSIS / SERVICEBERRY



● BETULA NIGRA 'HERITAGE' / HERITAGE RIVER BIRCH



● CERCIS CANADENSIS / FLOWER EASTERN REDBUD



● CERCIS CANADENSIS 'ALBA' / WHITE FLOWER EASTERN REDBUD



● CHIONANTHUS VIRGINICUS / FRINGE TREE



● CORNUS KOUSA / KOUSA DOGWOOD



● CRATAEGUS PHAENOPYRUM / WASHINGTON HAWTHORN



● GLEDITSIA TRIACANTHOS VAR. INERMIS 'SHADEMASTER' / SHADEMASTER LOCUST



● HAMAMELIS x INTERMEDIA 'PALLIDA' /



● ILEX 'NELLIE STEVENS' / NELLIE STEVENS HOLLY



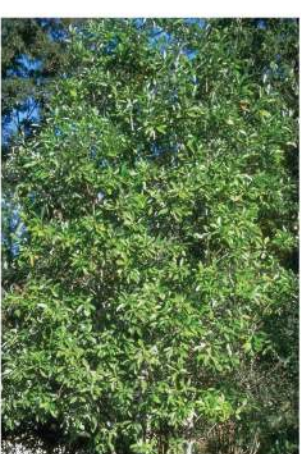
● JUNIPERUS VIRGINIANA IDYLLWILD / IDYLLWILD EASTERN RED CEDAR



● MAGNOLIA GRANDIFLORA 'ALTA' / SOUTHERN MAGNOLIA



● MAGNOLIA STELLATA 'ROYAL STAR' / ROYAL STAR MAGNOLIA



● MAGNOLIA VIRGINIANA / SWEETBAY MAGNOLIA



● OXYDENDRUM ARBOREUM / SOURWOOD



● PARROTIA PERSICA 'VANESSA' / PERSIAN IRONWOOD



● QUERCUS LYRATA 'HIGHBEAM' / OVERCUP OAK 'HIGHBEAM'



● QUERCUS PHELLOS / WILLOW OAK



● AZALEA 'GLACIER' / GLACIER AZALEA



● CLETHRA ALNIFOLIA / SUMMERSWEET



● CORNUS SANGUINEA 'MIDWINTER FIRE' / BLOODTWIG DOGWOOD



● COTINUS COGGYGRIA 'YOUNG LADY' / YOUNG LADY SMOKE BUSH



● DAPHNE ODORA 'AUREOMARGINATA' / WINTER DAPHNE



● EDGEWORTHIA CHRYSANTHA / PAPERBUSH PLANT



● EXOCHORDA x MACRANTHA 'THE BRIDE' / PEARL BUSH



● FOTHERGILLA MAJOR 'MOUNT AIRY' / MOUNT AIRY FOTHERGILLA



● ILEX CRENTATA / JAPANESE HOLLY



● ILEX VERTICILLATA 'JIM DANDY' / WINTERBERRY



● RHUS AROMATICA -LOW-GROW/ GROW-LOW AROMATIC SUMAC



● ROSA 'THE PINK KNOCKOUT' / THE PINK KNOCKOUT ROSE



● SPIRAEA JAPONICA 'ANTHONY WATERER' / ANTHONY WATERER SPIREA



● STEPHANANDRA INCISA 'CRISPA' / STEPHANANDRA



● TAXUS CUSPIDATA / JAPANESE YEW



● VIBURNUM x BURKWOODII 'CONOY' / BURKWOOD CONOY VIBURNUM

- LEGEND**
- SPECIES FROM GEORGE PATTON DESIGN OF 1975
  - SPECIES FROM OVS 1979
  - SPECIES FROM OVS 2015
  - SPECIES FROM OVS 2020 (PROPOSED)





● *ATHYRIUM FILIX-FEMINA* / LADY FERN



● *BAPTISIA* X 'PURPLE SMOKE' / PURPLE SMOKE FALSE INDIGO



● *HOSTA VENTRICOSA* / BLUE PLANTAIN-LILY



● *HYPERICUM CALYCIUM* / ST. JOHN'S WORT



● *INULA HELENIUM* / ELECAMPANE



● *IRIS CAESARS BROTHER* / SIBERIAN IRIS



● *LIATRIS SPICATA* / BLAZING STAR



● *LIGULARIA DENTATA* 'DESDEMONA' / GOLDENRAY



● *LYTHRUM SALICARIA* 'MORDEN PINK' / LOOSESTRIFE



● *PEROVSKIA ATRICPLIFOLIA* 'LITTLE SPIRE' / RUSSIAN SAGE



● *POLYSTICHUM ACROSTICHOIDES* / CHRISTMAS FERN



● *ROHDEA JAPONICA* / JAPANESE SACRED LILY



● *RUDBECKIA FULGIDA DEAMII* / BLACK-EYED SUSAN



● *RUDBECKIA LACINATA* 'AUTUMN SUN' / CUTLEAF CONEFLOWER



● *RUDBECKIA MAXIMA* / GIANT CONEFLOWER



● *SARCOCOCCA HOOKERIANA* VAR. HUMILIS / SWEETBOX



● *SEDUM TELEPHIUM* 'AUTUMN JOY' / STONECROP



● *STACHYS BYZANTINA* 'HELEN VON STEIN' / LAMB'S EARS



● *STACHYS MONIERI* 'HUMMELO' / BETONY



● *VERBENA HASTATA* / AMERICAN BLUE Vervain



● *YUCCA FILAMENTOSA* 'EXCALIBUR' / ADAMS NEEDLE



● *BOUTELOUA GRACILIS* / MOSQUITO GRASS



● *CALAMAGROSTIS ACUTIFLORA STRICTA* / REEDGRASS



● *CAREX MORROWII* / SEDGE



● *CAREX MUSKINGENSIS* 'OEHME' / PALM SEDGE



● *CAREX PENDULA* / WEEPING SEDGE



● *CAREX PENNSYLVANICA* / PENNSYLVANIA SEDGE



● *MOLINIA ARUNDINACEA* 'KARL FOERSTER' / MOORGRASS



● *MOLINIA CAERULEA* SUBSP. ARUNDINACEA 'SKYRACER' / MOORGRASS



● *NASSELLA TENUISSIMA* / MEXICAN FEATHERGRASS



● *PANICUM VIRGATUM* 'CAPE BREEZE' / SWITCH GRASS



● *SCHIZACHYRIUM SCOPARIUM* 'STANDING OVATION' / LITTLE BLUESTEM

LEGEND

- SPECIES FROM GEORGE PATTON DESIGN OF 1975
- SPECIES FROM OVS 1979
- SPECIES FROM OVS 2015
- SPECIES FROM OVS 2020 (PROPOSED)





VIEW FROM VA AVENUE WITH LANDSCAPE



VIEW FROM VA AVENUE WITHOUT LANDSCAPE



EXISTING VIEW





VIEW WITH LANDSCAPE



VIEW WITHOUT LANDSCAPE



EXISTING VIEW

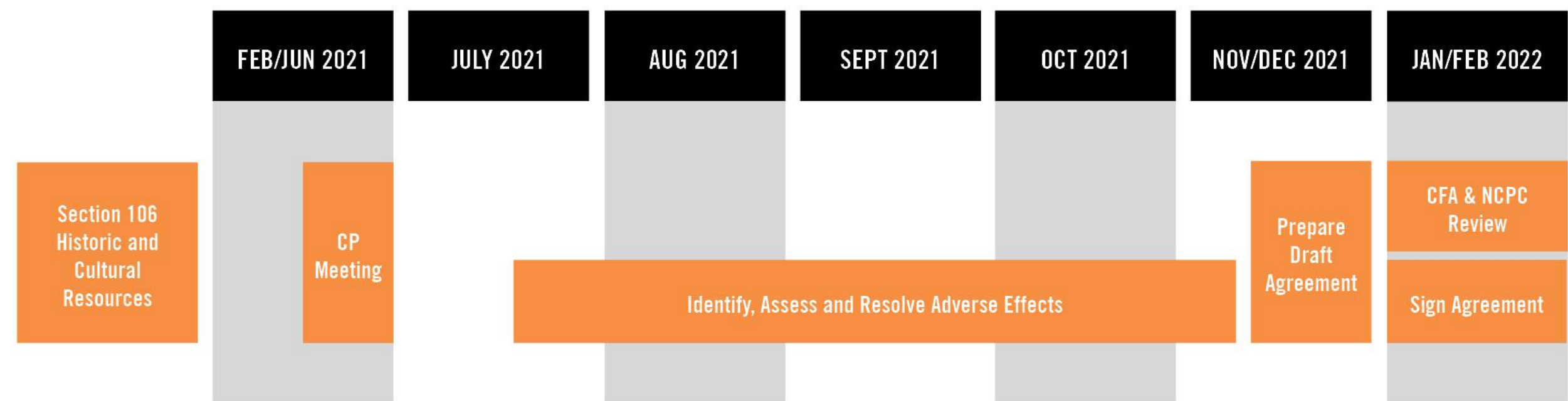




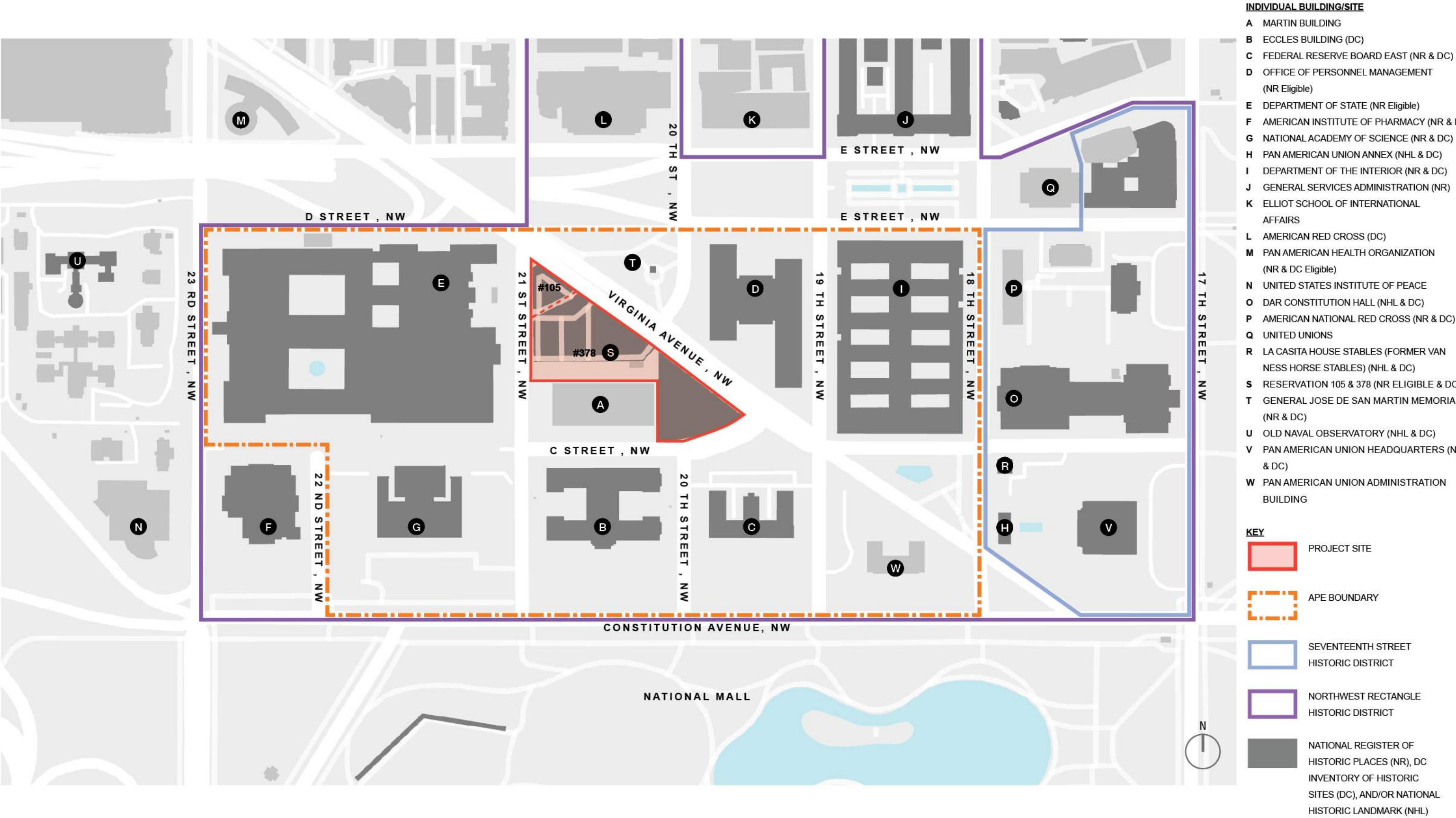
# SECTION 106 COMPLIANCE



# SECTION 106 PROCESS









# DOE SUMMARY

## CRITERION C (DESIGN/CONSTRUCTION): DESIGNED LANDSCAPE AND WORK OF A MASTER (OEHME, VAN SWEDEN)

RESERVATIONS 105 AND 378 ARE SIGNIFICANT AT THE NATIONAL LEVEL UNDER CRITERION C AS THE WORK OF A MASTER, NAMELY, AS THE FIRST PUBLIC EXAMPLE OF THE NEW AMERICAN GARDEN STYLE OF LANDSCAPE DESIGN PIONEERED BY LANDSCAPE ARCHITECTS WOLFGANG OEHME AND JAMES VAN SWEDEN.

## CRITERIA CONSIDERATION G (PROPERTIES THAT HAVE ACHIEVED SIGNIFICANCE WITHIN THE LAST FIFTY YEARS)

RESERVATIONS 105 AND 378 MEET CRITERIA CONSIDERATION G FOR PROPERTIES LESS THAN FIFTY YEARS OLD AS AN EXCEPTIONAL AND HIGHLY INTACT EXAMPLE OF OEHME, VAN SWEDEN'S FIRST PUBLIC EXPRESSION OF THE NEW AMERICAN GARDEN STYLE OF LANDSCAPE DESIGN. LANDSCAPE ARCHITECTS AND HISTORIANS HAVE IDENTIFIED THE FEDERAL RESERVE GARDEN AS A HIGHLY SIGNIFICANT TRANSITIONAL DESIGN IN THE FIRM'S BODY OF WORK AND INFLUENTIAL IN THE EVOLUTION OF LANDSCAPE DESIGN IN THE UNITED STATES.



# CONTRIBUTING FEATURES

## TOPOGRAPHY AND SPATIAL ORGANIZATION

- TRIANGULAR PUBLIC GREEN SPACE CREATED BY THE IMPOSITION OF AN ORTHOGONAL GRID OVER RADIAL AVENUES.
- ASYMMETRICAL LAYOUT OF MAJOR GEOMETRIC ELEMENTS: RECTANGULAR TENNIS COURT, LARGE OVAL FOUNTAIN, TRIANGULAR PARK, POLYGONAL CENTRAL LAWN.
- SHARP ANGLES TO MEET ORIENTATION OF VIRGINIA AVENUE.
- ASYMMETRICAL SPACES ALONG VIRGINIA AVENUE DEFINED BY EARTHEN BERMS TO CREATE SHADED SEATING NICHES CONTRASTING WITH OPEN LAW.
- RAISED BEDS FRAMING WALKWAYS AND SURROUNDING THE TENNIS COURT, FOUNTAIN, AND NORTH GARAGE ENTRANCE.

## CIRCULATION

- PERIMETER SIDEWALKS ALONG VIRGINIA AVENUE AND 21ST STREET NW.
- PATTERN OF ORTHOGONAL WALKS.
- MEANDERING WALKS LEADING TO SHADED SEATING AREAS.

## VIEWS

- VISTA ALONG VIRGINIA AVENUE FRAMING THE WASHINGTON MONUMENT.
- VIEWS OF THE MARTIN BUILDING FROM THE FOUNTAIN AND CENTRAL LAWN.
- INTERIOR VIEWS BETWEEN PARK AREAS AND FEATURES FRAMED BY MASS PLANTINGS.

## VEGETATION

- MASS PLANTINGS OF NATIVE GRASSES AND PERENNIALS ON EARTHEN BERMS AND WITHIN RAISED GRANITE PLANTING BEDS.
- SHADE AND ORNAMENTAL TREES SET WITHIN GROUND COVER.

## CONSTRUCTED WATER FEATURES

- ROBERT LATHAM OWEN MEMORIAL FOUNTAIN.

## SMALL-SCALE FEATURES

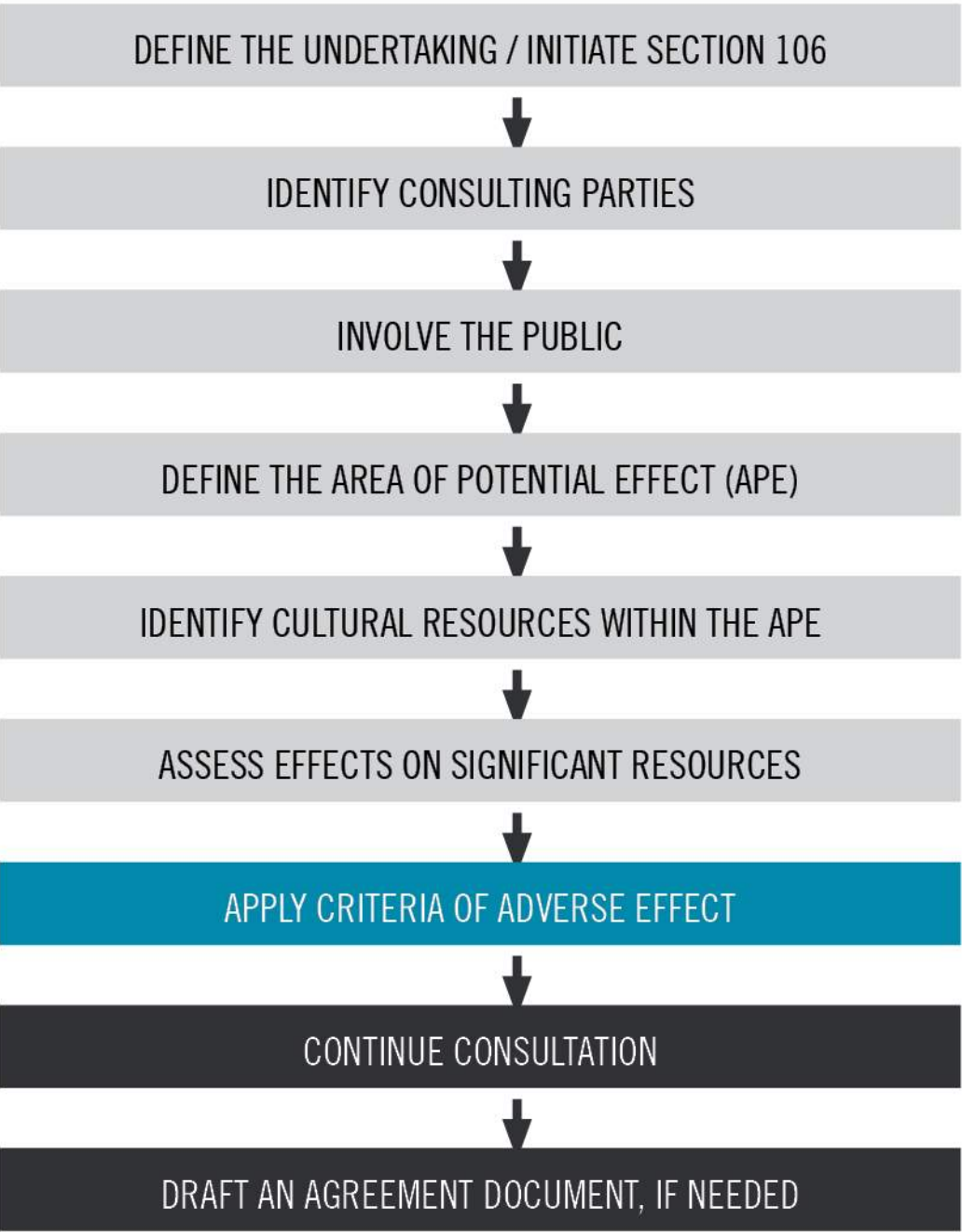
- TENNIS COURT.
- LAMP POSTS.
- DISCUS THROWER (DISCOBOLUS) STATUE.





# SUMMARY OF ASSESSMENT OF EFFECTS





WE ARE HERE

AN ADVERSE EFFECT IS FOUND WHEN AN UNDERTAKING MAY DIRECTLY OR INDIRECTLY ALTER ANY OF THE CHARACTERISTICS OF A HISTORIC PROPERTY THAT QUALIFY IT FOR INCLUSION IN THE NATIONAL REGISTER IN A MANNER THAT WOULD DIMINISH THE INTEGRITY OF THE PROPERTY’S LOCATION, DESIGN, SETTING, MATERIALS, WORKMANSHIP, FEELING, OR ASSOCIATION.



# EXAMPLES OF ADVERSE EFFECTS

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- 1. PHYSICAL DESTRUCTION OR DAMAGE;
- 2. ALTERATIONS THAT ARE INCONSISTENT WITH THE SECRETARY'S STANDARDS;
- 3. RELOCATION OF A PROPERTY;
- 4. CHANGE OF USE OR PHYSICAL FEATURES OF A PROPERTY'S SETTING;
- 5. VISUAL, ATMOSPHERIC, OR AUDIBLE INTRUSIONS;
- 6. NEGLECT RESULTING IN DETERIORATION; OR
- 7. TRANSFER, LEASE, OR SALE OF A PROPERTY OUT OF FEDERAL OWNERSHIP OR CONTROL WITHOUT ADEQUATE PROTECTIONS.





**DIRECT VISUAL EFFECTS**

ON OTHER HISTORIC PROPERTIES IN APE

DIRECT VISUAL EFFECTS CHANGE THE CHARACTER OF A HISTORIC PROPERTY’S SETTING OR ALTER SIGNIFICANT VIEWS.

NO DIRECT VISUAL EFFECTS TO HISTORIC PROPERTIES LOCATED IN THE APE HAVE BEEN IDENTIFIED.



**DIRECT PHYSICAL EFFECTS**

ON OTHER HISTORIC PROPERTIES IN APE

DIRECT PHYSICAL EFFECTS REMOVE, DAMAGE, OR ALTER A HISTORIC PROPERTY.

NO DIRECT PHYSICAL EFFECTS TO OTHER HISTORIC PROPERTIES LOCATED IN THE APE HAVE BEEN IDENTIFIED.



**DIRECT PHYSICAL EFFECTS**

RESERVATIONS 105 AND 378

DIRECT PHYSICAL EFFECTS REMOVE, DAMAGE, OR ALTER A HISTORIC PROPERTY.

THE UNDERTAKING WILL HAVE AN ADVERSE EFFECT ON RESERVATIONS 105 AND 378





VIEW FROM VIRGINIA AVENUE LOOKING SOUTH

**TOPOGRAPHY AND SPATIAL ORGANIZATION:**

- ALTERATION OF THE SPATIAL ORGANIZATION BY THE ADDITION OF THE NEW ENTRANCE KIOSK.
- ALTERATION OF THE SPATIAL ORGANIZATION BY THE ADDITION OF A NEW BERM AND GRANITE SEATING EDGE ON THE NORTH SIDE OF THE CENTRAL LAWN ALONG VIRGINIA AVENUE.

**MINIMIZATION MEASURES:**

- THE NEW ENTRANCE KIOSK WILL BE LOCATED ON THE SITE OF THE FORMER EGRESS KIOSK, WILL BE THE SAME DISTANCE TO VIRGINIA AVENUE AS THE CURRENT KIOSK, AND WILL BE ORIENTED TO THE SITE SIMILAR TO OTHER STRUCTURES AND HARDSCAPE IN THE LANDSCAPE.
- THE USE OF GRANITE AND PLANTINGS ARE IN KEEPING WITH OTHER HISTORIC LANDSCAPE ELEMENTS





VIEW OF “JIGS AND JOGS” LOOKING SOUTHWEST

**CIRCULATION:**

- MODIFICATION OF THE MEANDERING WALKS, ALSO CALLED “JIGS AND JOGS,” ON THE WEST SIDE OF THE OPEN LAWN AS A RESULT OF THE NEW ENTRANCE KIOSK.

**MINIMIZATION MEASURES:**

- THE MEANDERING WALKS SOUTH OF THE KIOSK WILL BE REINSTALLED IN KEEPING WITH THE HISTORIC DESIGN INTENT.





LOOKING SOUTHWEST FROM VIRGINIA AVENUE

- VEGETATION:**
- ALTERATION OF PLANTING BEDS THAT FLANK THE CENTRAL LAWN WITH NEW GRANITE CURBS AND EDGES WITH INCORPORATED BENCH SEATING.
- MINIMIZATION MEASURES:**
- THE NEW CURBS AND EDGES WILL USE GRANITE THAT IS SIMILAR TO OTHER LANDSCAPE ELEMENTS.





VIEW OF THE CURRENT EGRESS BUILDING AND LOCATION OF NEW ENTRY KIOSK, LOOKING NORTH

**VIEWS AND VISTAS:**

- MODIFICATION OF INTERNAL VIEWS TO AND FROM THE CENTRAL LAWN BY THE CONSTRUCTION OF THE NEW KIOSK DUE TO ITS INCREASED FOOTPRINT AND HEIGHT.

**MINIMIZATION MEASURES:**

- THE GRADING WITH A BERM ON THE NORTH SIDE OF THE KIOSK WILL BE MAINTAINED, HELPING TO REDUCE THE OVERALL PERCEIVED HEIGHT FROM VIRGINIA AVENUE.
- INTERNAL VIEWS TO OTHER AREAS WILL CONTINUE AND WILL BE FRAMED BY MASS PLANTINGS.



## ADVERSE EFFECT AVOIDANCE MEASURES

- THE TRIANGULAR SHAPE OF THE PARK, FORMED BY THE SURROUNDING STREETS, WILL NOT CHANGE.
- THE SHARP ANGLES OF THE LANDSCAPE ELEMENTS THAT MEET VIRGINIA AVENUE WILL BE REPLACED IN KIND.
- THE RAISED BEDS THAT FRAME THE WALKWAYS WILL BE REPLACED IN KIND.
- ALTHOUGH WIDENED, THE PERIMETER SIDEWALKS THAT SURROUND THE SITE WILL CONTINUE TO DEFINE THE OVERALL LANDSCAPE.
- THE SYSTEM OF ORTHOGONAL WALKS THROUGHOUT THE PROPERTY WILL BE REPLACED IN KIND WITH MINOR CHANGES TO THE SIDEWALK WIDTHS AND THE SHIFTING OF THE TENNIS COURT.
- THE "JIGS AND JOGS," WILL BE REPLACED IN KIND ON THE EAST SIDE OF THE OPEN LAWN.
- THE RAISED SOUTH PLAZA WILL REMAIN THE SAME SIZE AND SHAPE AS THE ORIGINAL.
- STREET TREES ALONG VIRGINIA AVENUE WILL REMAIN IN PLACE. TREES THAT NEED REPLACEMENT DUE TO POOR HEALTH WILL BE REPLACED IN KIND.
- MASS PLANTINGS OF NATIVE GRASSES AND PERENNIALS WILL BE REPLANTED ON THE EARTHEN BERMS AND RAISED GRANITE PLANTING BEDS.
- VIEWS ALONG VIRGINIA AVENUE WILL REMAIN AND WILL NOT BE OBSTRUCTED.
- VIEWS OF THE MARTIN BUILDING FROM THE FOUNTAIN AND CENTRAL LAWN WILL REMAIN INTACT.
- THE FOUNTAIN IN ROBERT LATHAM OWEN PARK WILL BE REMOVED, STORED, AND REINSTALLED TO ITS ORIGINAL APPEARANCE WITH A NEW FOUNDATION, INFRASTRUCTURE, AND LIGHTING.
- THE LAMP POSTS WILL BE SALVAGED, STORED, REPAIRED, AND REINSTALLED.
- THE GRANITE RAISED BEDS WILL BE SALVAGED, STORED, REPAIRED, AND REINSTALLED.
- THE DISCUS THROWER STATUE WILL BE REMOVED, AND REINSTALLED ON A NEW FOUNDATION AT ITS ORIGINAL LOCATION.
- THE TENNIS COURT WILL BE REBUILT AND ITS LOCATION SHIFTED SLIGHTLY TO THE NORTHWEST. ITS SIZE AND MATERIAL WILL REMAIN THE SAME.





MITIGATION



# HISTORY | EDUCATION

- WEBSITE THAT WILL PROVIDE INFORMATION ABOUT RESERVATIONS 105 AND 378, INFORMATION ABOUT THE LANDSCAPE ARCHITECTS, A CHRONOLOGY OF THE LANDSCAPE’S USE AND DEVELOPMENT, AND PHOTOGRAPHS AND DRAWINGS OF THE ORIGINAL LANDSCAPE DESIGNS.
- THE WEBSITE WILL BE MAINTAINED BY THE NPS AND A LINK TO THE WEBSITE WILL BE PROVIDED ON THE FEDERAL RESERVE BOARD’S WEBSITE FOR THE MARTIN BUILDING.

# CONSERVATION

- ONE-TIME FUNDING FOR THE CONSERVATION OF THE DISCOBOLUS STATUE.



## NEXT STEPS

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- THE PUBLIC COMMENT PERIOD CLOSSES **NOVEMBER 30, 2021**. COMMENTS MAY BE POSTED ONLINE OR MAILED. COMMENTS BY MAIL MUST BE POSTMARKED BY THIS DATE TO ENABLE FULL CONSIDERATION IN THE PLANNING PROCESS.
- THE WEB PAGE FOR ONLINE POSTING IS:  
[HTTPS://PARKPLANNING.NPS.GOV/MARTINBUILDINGGARAGEANDLANDSCAPEAOECOMMENT](https://parkplanning.nps.gov/martinbuildinggarageandlandscapeaoecomment)
- THE ADDRESS FOR MAILING IS:  
JEFFREY P. REINBOLD  
SUPERINTENDENT  
ATTN: FEDERAL RESERVE BOARD (MARTIN) BUILDING NORTH AND EAST GARAGE WATERPROOFING PROJECT  
NATIONAL MALL AND MEMORIAL PARKS  
900 OHIO DR. SW  
WASHINGTON, DC 20024
- NOTE: BEFORE INCLUDING YOUR ADDRESS, PHONE NUMBER, E-MAIL ADDRESS, OR OTHER PERSONAL IDENTIFYING INFORMATION IN YOUR COMMENT, YOU SHOULD BE AWARE THAT YOUR ENTIRE COMMENT—including your personal identifying information—may be made publicly available at any time.



