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THE EDUCATION CENTER AT THE HOLOCAUST MEMORIAL

DESIGN REVIEW BOARD RESUBMISSION

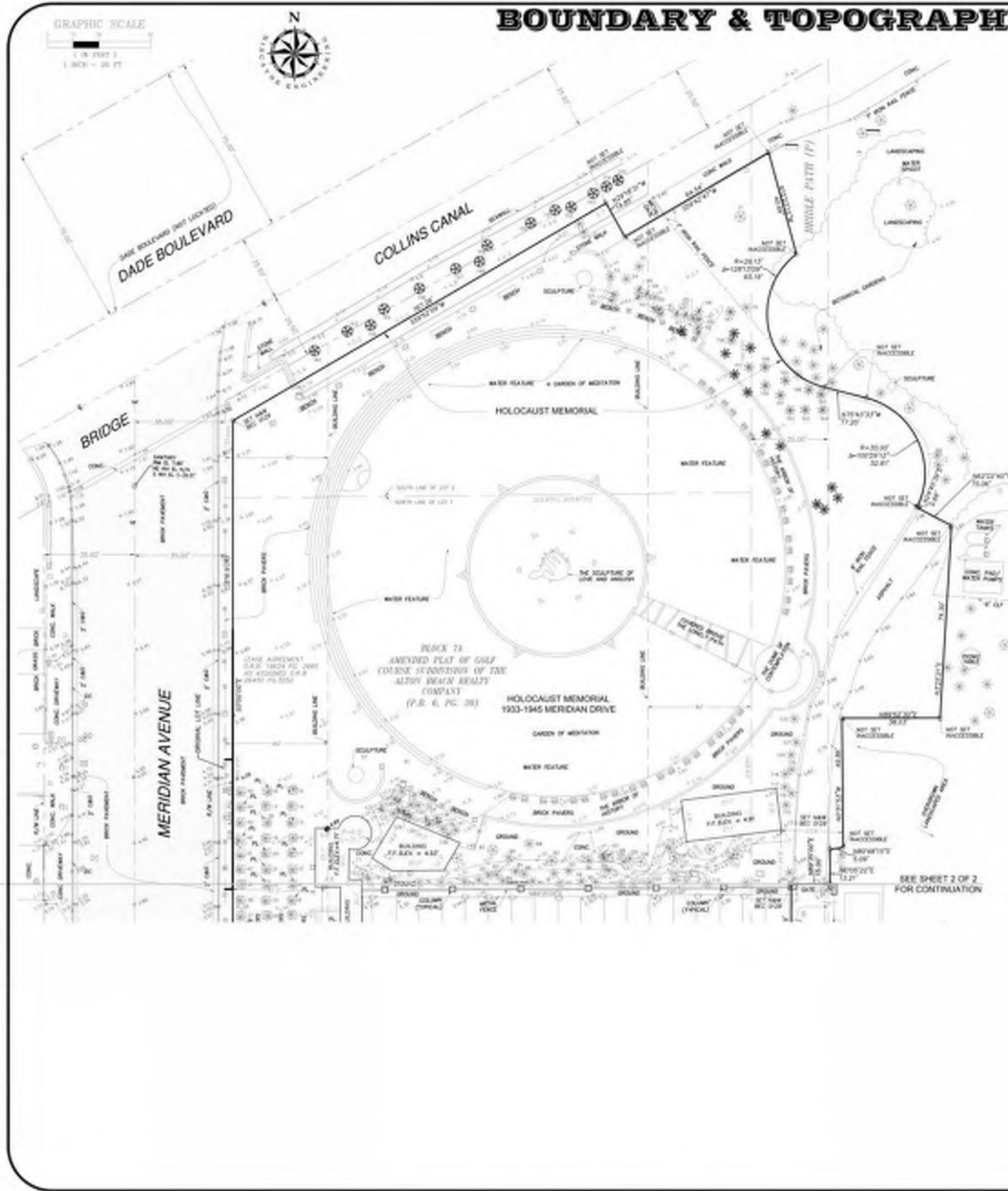
1933-1945 Meridian Avenue, Miami Beach, FL 33139

Digitally signed by Sherri Gutierrez
DN: CN=Sherri Gutierrez,
OU=A01410C0000176916500AD000092F3,
O=Arquitectonica International Corporation,
C=US
Date: 2022.02.14 14:32:36-05'00'

Sherri Gutierrez

DRAWING: COVER SHEET
SCALE:
DATE: February 14, 2022

A-00



LEGAL DESCRIPTION ("ORIGINAL LEASE PREMISES AND ADDITIONAL LEASE PREMISES" AT THE HOLOCAUST MEMORIAL):

ORIGINAL LEASE PREMISES:
COMMENCE at the intersection of the center line of 19th Street and Meridian Avenue, thence run South East along the center line of 19th Street for a distance of 20.00 feet to a point, thence run North for a distance of 20.00 feet to a point, said point located in the west line of Lot 1, Block 7A, AMENDED PLAT OF GOLF COURSE SUBDIVISION, according to the plat thereof recorded in Plat Book 6, Page 26, Public Records of Dade County, Florida, thence run South East for a distance of 2.00 feet to the POINT OF BEGINNING, said point of beginning located in the east Right-of-Way line of Meridian Avenue, according to the Deed Book 4348, Pages 442, 443, and 443 of the Public Records of Dade County, Florida, thence run South East along the North Right-of-Way line of 19th Street, for a distance of 30.00 feet to a point, thence run North West for a distance of 63.28 feet to a point, thence run North East for a distance of 145.55 feet to a point, thence run North East for a distance of 13.21 feet to a point, thence run North East for a distance of 5.38 feet to a point, thence run North West for a distance of 43.86 feet to a point, thence run North East for a distance of 38.00 feet to a point, thence run North East for a distance of 74.30 feet to a point, thence run North West for a distance of 15.00 feet to a point, thence run North East for a distance of 0.86 feet to a point, thence run along a circular curve, convex to the southeast, having a central angle of 90° and a radius of 30.00 feet for an arc distance of 25.82 feet to a point, thence run North West for a distance of 15.20 feet to a point, thence run East along a circular curve, convex to the northwest, having a central angle of 90° and a radius of 29.13 feet for an arc distance of 25.19 feet to a point, thence run North West for a distance of 46.82 feet to a point, thence run South West for a distance of 68.12 feet to a point, thence run North West for a distance of 16.80 feet to a point, thence run South West for a distance of 18.75 feet to a point, said point located in the east Right-of-Way line of Meridian Avenue, according to the Deed Book 4348, Pages 442, 443, and 443 of the Public Records of Dade County, Florida, thence run South along the East Right-of-Way line of Meridian Avenue and parallel to the West Line of the above mentioned Block 7A for a distance of 242.25 feet to the POINT OF BEGINNING.

Said LANDS located, lying and being in the CITY OF MIAMI BEACH, FLORIDA, and containing an area of 41,277 square feet or 1.407 acres more or less.

TOGETHER WITH:

ADDITIONAL LEASE PREMISES:
A portion of Lot 1, Block 7A, together with a portion of the 30 foot wide BRIDGE PATH (PRIVATE PROPERTY) lying east of and adjacent thereto, all as shown on AMENDED PLAT OF GOLF COURSE SUBDIVISION, according to the plat thereof, as recorded in Plat Book 6, Page 26, of the Public Records of Miami-Dade County, Florida, being more particularly described as follows:
COMMENCE at the intersection of the center line of 19th Street and Meridian Avenue, thence South 89°52'40" East along the center line of 19th Street a distance of 20.00 feet, thence North 0°00'00" East, departing said center line a distance of 20.00 feet to the intersection of the the southern prolongation of the West line of said Lot 1 with the westerly prolongation of the South line of said Lot 1, thence South 89°52'40" East along the westerly prolongation of said South line, a distance of 2.00 feet to a point on the East Right-of-Way line of Meridian Avenue, according to the Deed Book 4348, Pages 442, 443, and 443 of the Public Records of Dade County (See Miami-Dade County), Florida, thence continue South 89°52'40" East along said westerly prolongation and along the South line of said Lot 1, a distance of 38.00 feet to the POINT OF BEGINNING of the herein described parcel of land, the following two courses are along the limits of the Original Lease Premises: (1) thence North 0°00'00" West, a distance of 63.28 feet; (2) thence North 89°52'40" East, across a portion of said Lot 1 and a portion of said BRIDGE PATH (PRIVATE PROPERTY), a distance of 180.38 feet, thence South 0°00'00" West, across said BRIDGE PATH, a distance of 64.50 feet, thence North 89°52'40" West, along the South line of said Lot 1 and the westerly prolongation thereof, a distance of 180.38 feet to the POINT OF BEGINNING.

Said LANDS located, lying and being in the CITY OF MIAMI BEACH, FLORIDA, and containing an area of 11,849 square feet or 0.269 acres more or less.

SURVEYOR'S NOTES:

- THE LEGAL DESCRIPTION OF THE SUBJECT PROPERTY WAS DETERMINED BY THE CLIENT.
- THIS SITE LIES IN SECTION 24, TOWNSHIP 23 SOUTH, RANGE 43 EAST, MIAMI-DADE COUNTY, FLORIDA.
- BOUNDARY SHOWN HEREON IS BASED ON THE LEGAL DESCRIPTION PROVIDED BY THE CLIENT.
- LANDS SHOWN HEREON CONTAINING THE FOLLOWING AREAS:
 - 1) ORIGINAL LEASE PREMISES: 41,277 SQUARE FEET, OR 1.407 ACRES, MORE OR LESS.
 - 2) ADDITIONAL LEASE PREMISES: 11,849 SQUARE FEET, OR 0.269 ACRES, MORE OR LESS.
- ALL OF THE FOREGOING CONTAINING AN AGGREGATE AREA OF 73,126 SQUARE FEET, OR 1.677 ACRES, MORE OR LESS.
- RIGHT-OF-WAY LINES, LOTS LINES, AND CENTERLINES SHOWN HEREON ARE BASED ON THE DOCUMENTS AND PLATS CONTAINED IN THE PUBLIC RECORDS OF MIAMI-DADE COUNTY IN CONNECTION WITH FIELD SURVEYED INSTRUMENTS.
- BISCAYNE ENGINEERING COMPANY DOES NOT PERFORM A TITLE SEARCH.
- SURVEYOR MAKES NO STATEMENT AS TO OWNERSHIP.
- OWNERSHIP IS SUBJECT TO AN OPINION OF TITLE.
- ALL MEASUREMENTS HEREON ARE IN U.S. SURVEY FEET AND DECIMAL PARTS THEREOF UNLESS OTHERWISE SPECIFIED.
- THIS SURVEY MAP OR REPORT OR COPY THEREOF IS ORIGINAL, OR A TRUE AND CORRECT COPY OF A TRUE ORIGINAL, OF A FLORIDA LICENSED SURVEYOR AND MAPPER.
- SURVEY MEASUREMENTS ARE IN ACCORDANCE WITH UNITED STATES STANDARD SURVEY FEET AND DECIMALS THEREOF; MEASUREMENTS AND COMPUTATION RECORDS SUBSTANTIATE THE SURVEY MAP.
- THE ACCURACY OF THE SURVEY MEASUREMENTS SHOWN HEREON IS BASED ON THE TYPE OF SURVEY AND EXPECTED USE OF THE SURVEY; RELEVANT MEASUREMENTS AND COMPUTATION RECORDS SUBSTANTIATE THE SURVEY MAP; ACCURACY OF MEASUREMENTS WAS DETERMINED BY MULTIPLE OCCUPATIONS OF FOUND AND SET CONTROL POINTS; THESE METHODS HAVE BEEN TESTED BY REC AND FOUND AN EXPECTED ACCURACY OF ± 0.01 FEET HORIZONTALLY, ± 0.01 FEET VERTICALLY, AND ± 0.1 FEET VERTICALLY ON SOFT SURFACES.
- ELEVATIONS SHOWN HEREON ARE IN US SURVEY FEET AND ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD-88), AND ARE REFERENCED TO THE FOLLOWING BENCHMARKS: (1) CITY OF MIAMI BEACH BENCHMARK "B" (ELEVATION 5.87', PM NAIL AND WALKER, LOCATED AT THE INTERSECTION OF DADE BOULEVARD AND MERIDIAN AVENUE); (2) CITY OF MIAMI BEACH BENCHMARK "C" (ELEVATION 5.87', PM NAIL AND WALKER, LOCATED AT THE SOUTH END OF TRAFFIC SEPARATOR AT THE INTERSECTION OF DADE BOULEVARD AND PHINNEY AVENUE).
- LANDS SHOWN HEREON ARE LOCATED IN FEDERAL FLOOD ZONE "X", ELEVATION 5', FOR COMMUNITY PANEL NO. 130851-C01-L, MAP REVISED SEPTEMBER 11, 2008.
- THE TOPOGRAPHIC FEATURES SHOWN HEREON WERE OBTAINED ON THE GROUND.
- FEET WERE EXPRESSED IN THE BEST OF OUR ABILITY. IT IS RECOMMENDED THAT CLIENT CONSULT AN ARCHITECT FOR VERIFICATION OF SCIENTIFIC NAMES AND TREES THAT ARE UNKNOWN TO THE SURVEYOR.
- DIMENSIONS AND DIMENSIONS INDICATED HEREON ARE CALCULATED FROM FIELD MEASUREMENTS USING A TOTAL STATION ELECTRONIC DISTANCE MEASUREMENT (EDM), LEVELING INSTRUMENT AND A MEASURING TAPE UNLESS OTHERWISE NOTED.
- BEARINGS SHOWN HEREON ARE BASED ON LEGAL DESCRIPTION OF THE ORIGINAL LEASE PREMISES RECORDED IN O.R.B. 19624, PG. 2645, ASSIGNED O.R.B. 2645, PG. 320, AND ARE REFERENCED TO THE NORTH END OF WEST LINE OF 19TH STREET, HAVING AN ASSIGNED BEARING OF 89°52'40".
- ADDITIONS OR DELETIONS TO THIS SURVEY OTHER THAN BY BISCAYNE ENGINEERING COMPANY, INC. ARE PROHIBITED WITHOUT THE WRITTEN CONSENT OF BISCAYNE ENGINEERING COMPANY, INC.
- THERE MAY BE ADDITIONAL RESTRICTIONS APPLYING TO THIS PROPERTY FOUND IN THE LAWS OF THE CITY OF MIAMI BEACH, MIAMI-DADE COUNTY, AND THE STATE OF FLORIDA.

SURVEYOR'S CERTIFICATION:

I hereby certify that the attached "Boundary & Topographic Survey" was prepared under my responsible charge and complies with the Standards of Practice for Surveying and Mapping as set forth by the State of Florida Board of Professional Surveyors and Mappers in Chapter 34-11C, Florida Administrative Code, pursuant to Chapter 491.002, Florida Statutes.

This survey was prepared under my responsible charge, in accordance with the Standards of Practice for Surveying and Mapping set forth by the State of Florida Board of Professional Surveyors and Mappers in Chapter 34-11C, Florida Administrative Code, pursuant to Chapter 491.002, Florida Statutes.

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 34-11-002, F.A.C.

PRELIMINARY

Biscayne Engineering Company, Inc.
100 West Flagler Street, Miami, FL 33130
305-372-1175
State of Florida Department of Agriculture
18-000078

Survey Date: 08-17-21
SURVEYOR OF RECORD:
WOLFGANG S. MATEX, P.M. FOR THE FIRM
PROFESSIONAL SURVEYOR AND MAPPER No. 8519
STATE OF FLORIDA

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 34-11-002, F.A.C. THIS SHEET HAS BEEN ORIGINALLY SIGNED, PRINTED, COPIES OF THIS SURVEY MAP AND NOT CONSIDERED SIGNED AND SEALED UNLESS THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

1333-1945 MERIDIAN AVENUE, MIAMI BEACH, FL
FOR GREATER MIAMI JEWISH FEDERATION
DATE: 11-20-21 | DRAWN BY: A.J.P./J.G. | CHECKED BY: A.J.P.
DATE: 08-17-21 | APPROVED BY: W.S.M. | F.A.P. NO. 30417212-13-18

BISCAYNE ENGINEERING
SURVEYORS - ENGINEERS - PLANNERS
• SINCE 1988

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1 of 2

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DESIGN REVIEW BOARD RESUBMISSION
1933-1945 Meridian Avenue, Miami Beach, FL 33139

DRAWING: BOUNDARY SURVEY
SCALE:
DATE: February 14, 2022

V-01

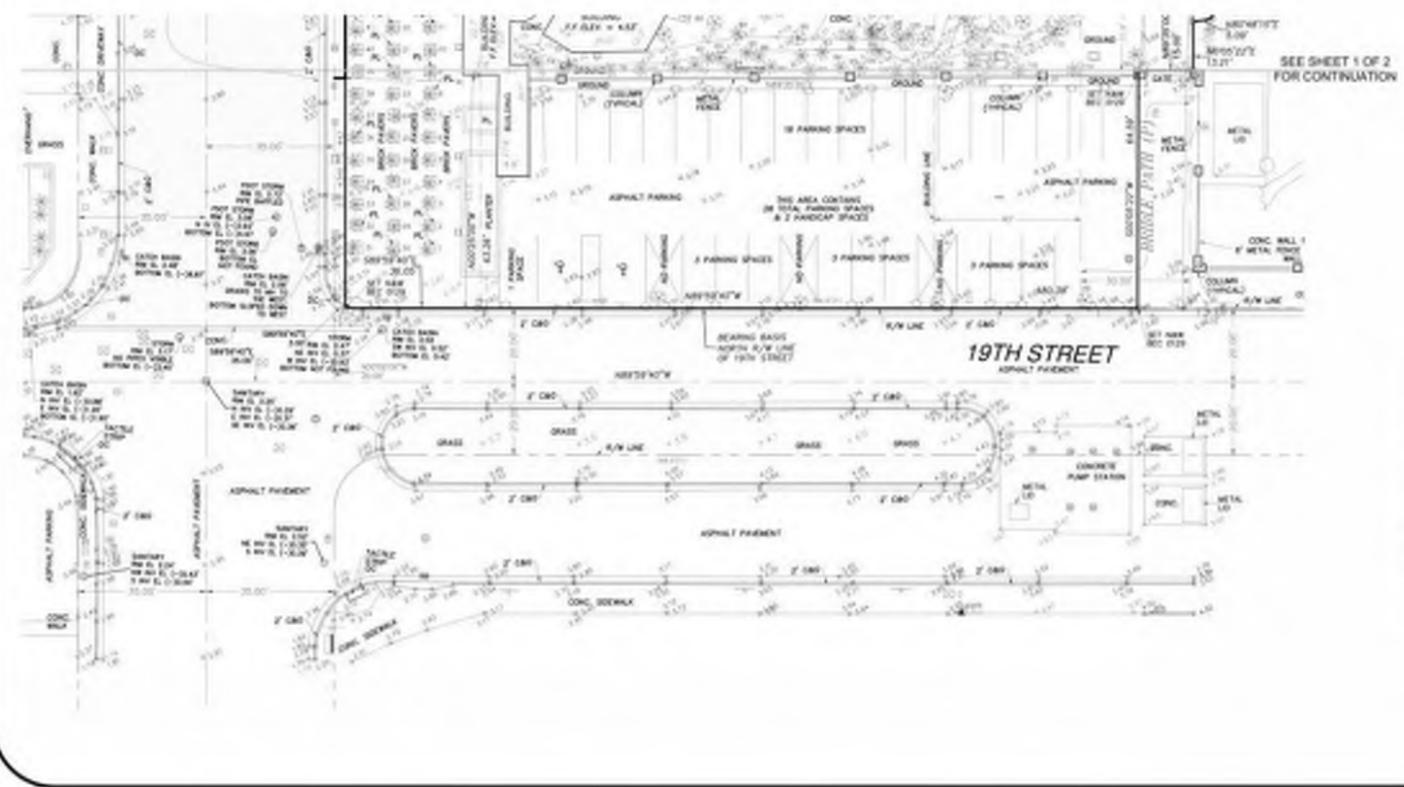
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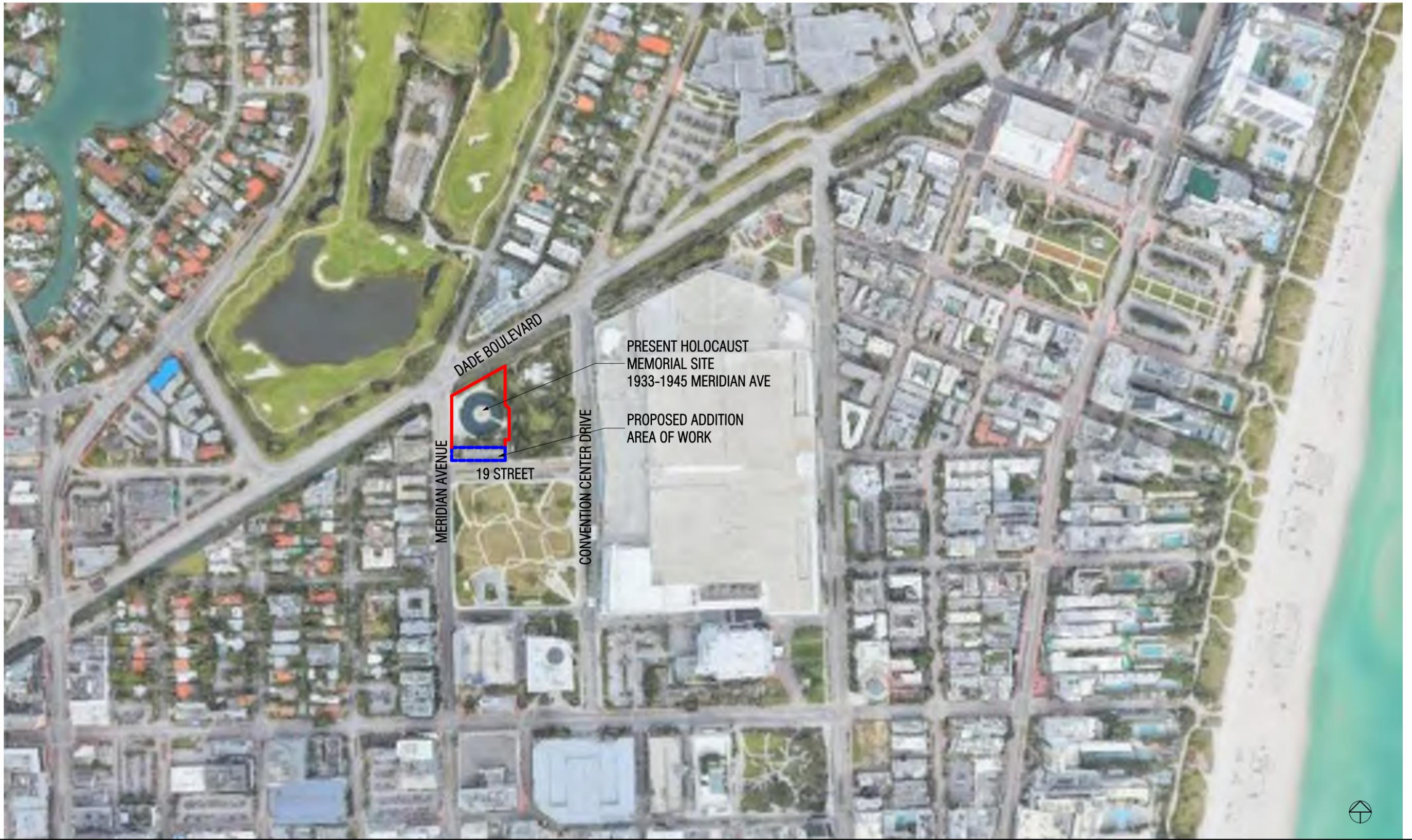
BOUNDARY & TOPOGRAPHIC SURVEY

ID NUMBER	COMMON NAME	HEIGHT FEET	SPREAD FEET	DIAMETER INCHES
1	Green Palm	7	3	8
2	Green Palm	12	4	10
3	Green Palm	10	4	10
4	Green Palm	9	4	10
5	Green Palm	9	4	10
6	Green Palm	9	4	10
7	Green Palm	9	4	10
8	Green Palm	9	4	10
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99	Green Palm	9	4	10
100	Green Palm	9	4	10

ID NUMBER	COMMON NAME	HEIGHT FEET	SPREAD FEET	DIAMETER INCHES
87	Green Palm	9	4	10
88	Green Palm	9	4	10
89	Green Palm	9	4	10
90	Green Palm	9	4	10
91	Green Palm	9	4	10
92	Green Palm	9	4	10
93	Green Palm	9	4	10
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200	Green Palm	9	4	10



- LEGEND:
- 1/4" = 1'0" (1/4" = 1'0")
 - 1/8" = 1'0" (1/8" = 1'0")
 - 1/16" = 1'0" (1/16" = 1'0")
 - 1/32" = 1'0" (1/32" = 1'0")
 - 1/64" = 1'0" (1/64" = 1'0")
 - 1/128" = 1'0" (1/128" = 1'0")
 - 1/256" = 1'0" (1/256" = 1'0")
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 - 1/32768" = 1'0" (1/32768" = 1'0")
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 - 1/131072" = 1'0" (1/131072" = 1'0")
 - 1/262144" = 1'0" (1/262144" = 1'0")
 - 1/524288" = 1'0" (1/524288" = 1'0")
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 - 1/2097152" = 1'0" (1/2097152" = 1'0")
 - 1/4194304" = 1'0" (1/4194304" = 1'0")
 - 1/8388608" = 1'0" (1/8388608" = 1'0")
 - 1/16777216" = 1'0" (1/16777216" = 1'0")
 - 1/33554432" = 1'0" (1/33554432" = 1'0")
 - 1/67108864" = 1'0" (1/67108864" = 1'0")
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 - 1/1073741824" = 1'0" (1/1073741824" = 1'0")
 - 1/2147483648" = 1'0" (1/2147483648" = 1'0")
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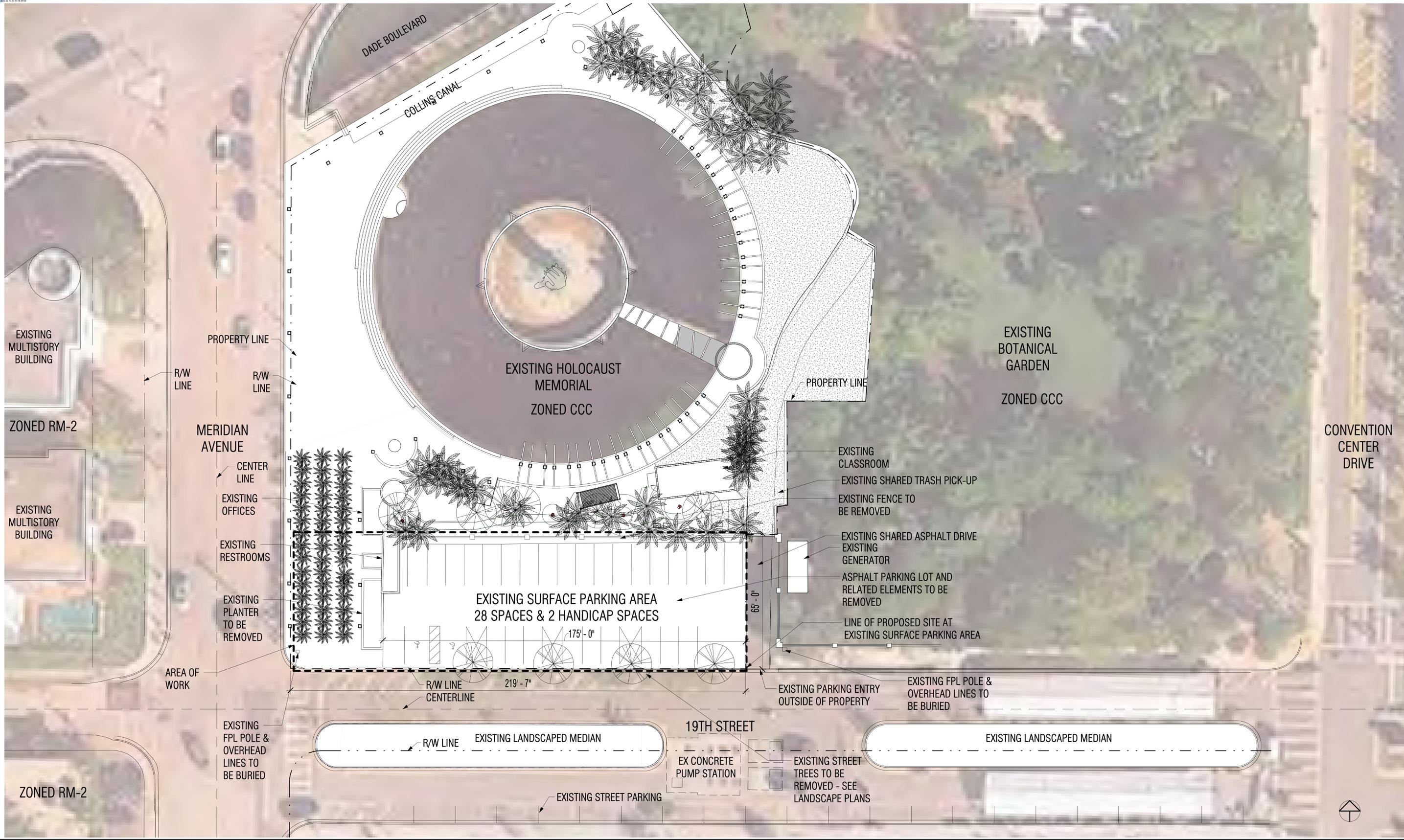
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O=Arquitectonica International Corporation,
C=US
Date: 2022.02.14 14:33:08-0500

Sherri Gutierrez

DRAWING: LOCATION MAP
SCALE: N.T.S.
DATE: February 14, 2022

A-01

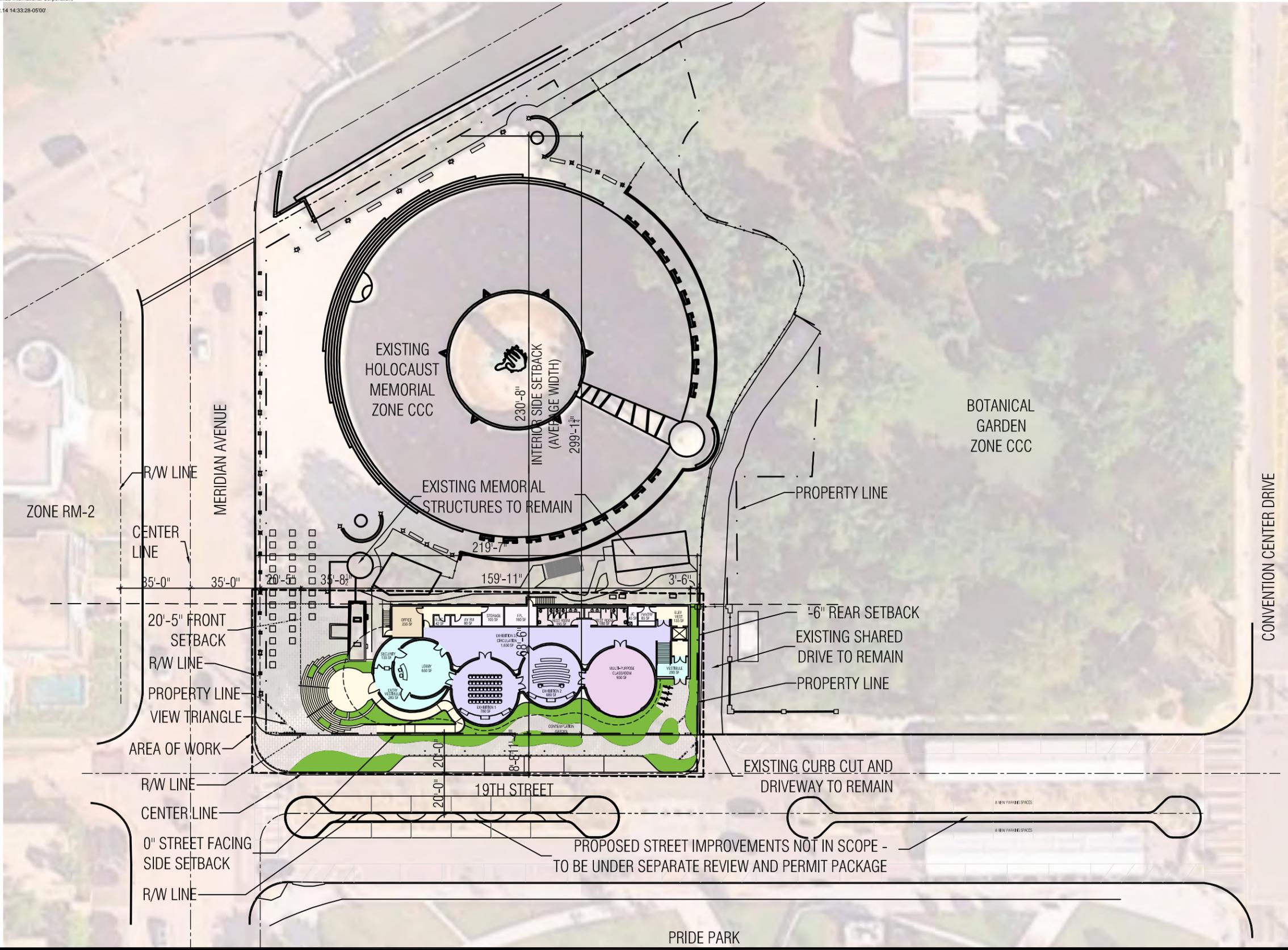


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DRAWING: EXISTING SITE PLAN
 SCALE: 1:20
 DATE: February 14, 2022

A-02



LAND USE STUDY

ZONING: CCC
 ADJACENT DEVELOPMENT ZONE: RM-2
 FEMA: FLOOD ZONE EL+8
 FAR REQ'D: 2.75 MAX
 BUILDING HEIGHT: 100' MAX

PROPOSED BUILDING OCCUPANCY: A-3 ASSEMBLY
 EXISTING FLOOR AREA: 1,717 SF
 PROPOSED NEW FLOOR AREA: 7,690 SF
 TOTAL FLOOR AREA: 9,677 SF
 SITE AREA: 72,826 SF (1.672 ACRES)
 FAR: 0.13

RM-2 LOT STANDARDS:
 MIN LOT AREA - 7,000 SF
 MIN LOT WIDTH - 50 FT
 MIN SIZE - NEW CONSTRUCTION - 550 SF

SETBACK REQUIREMENTS FOR RM-2:
 FRONT SETBACK - 20'
 SIDE, INTERIOR - 10' MIN OR 8% LOT WIDTH = 23'-11¹/₄"
 SIDE, STREET FACING - 10' MIN OR 8% LOT WIDTH = 23'-11¹/₄"
 - TOTAL SIDE YARDS MIN 16% WIDTH
 REAR SETBACK - 10% LOT DEPTH MIN = 21'-11¹/₂"

PROVIDED SETBACKS:
 FRONT SETBACK - 20'-5"
 SIDE, INTERIOR - 230'-8" (AVERAGE WIDTH)
 SIDE STREET FACING - 0'-0"
 REAR SETBACK - 3'-6"
 ALLOWED PROJECTIONS INTO YARD: 5' FOR ADA WALKWAYS
 - 25% MAX FOR ROOF OVERHANGS

PARKING ANALYSIS - MIAMI BEACH PARKING DISTRICT 1:

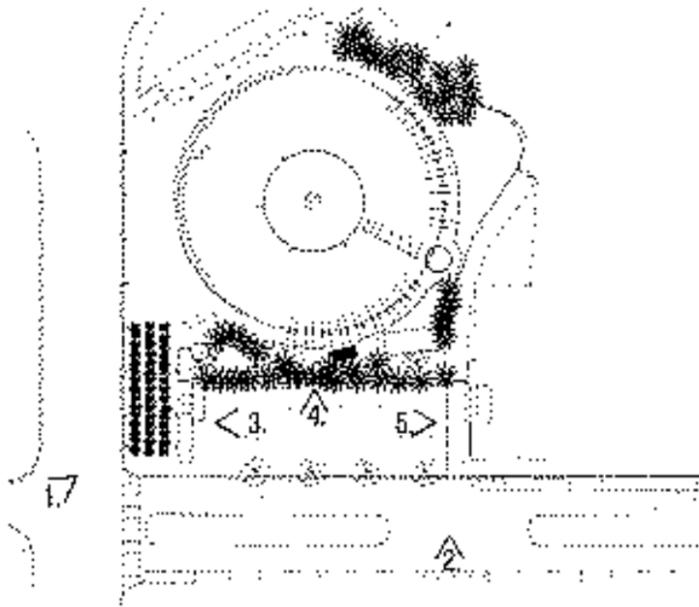
NEW CCC REQUIRED PARKING:
 AUDITORIUM USE: 1 SPACE PER 1,000 SF AVAILABLE FOR SEATING
 1 SPACE / 4,040 SF = 5 ADDITIONAL PARKING SPACES
 ACCESSIBLE SPACES - 1 REQUIRED (FOR 1-25 SPACES)

NEW CCC PROVIDED PARKING:
 0 SPACES PROVIDED

EXISTING ONSITE PARKING:
 30 SPACES INCLUDING 2 ACCESSIBLE SPACES
 5 DEDICATED TO THE MEMORIAL, 25 PUBLIC PARKING

DISPLACED PARKING RELOCATION SHALL BE PROPOSED UNDER A SEPARATE STREET IMPROVEMENT PERMIT PACKAGE, AND IS NOT INCLUDED IN THIS REVIEW SUBMISSION

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KEY PLAN



1. VIEW FROM MERIDIAN AVE



2. ENTRY VIEW FROM 19TH STREET



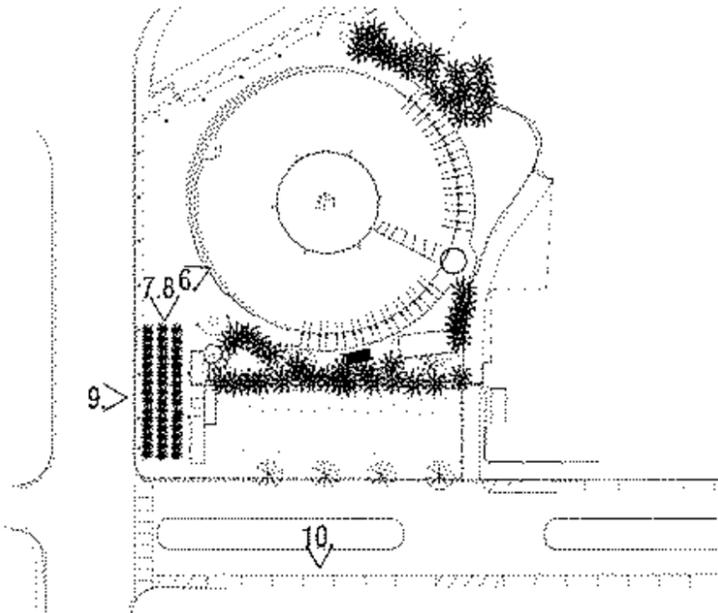
3. SITE WEST VIEW



4. SITE NORTH VIEW



5. SITE EAST VIEW



KEY PLAN



6. EXISTING MEMORIAL



7. EXISTING STRUCTURES



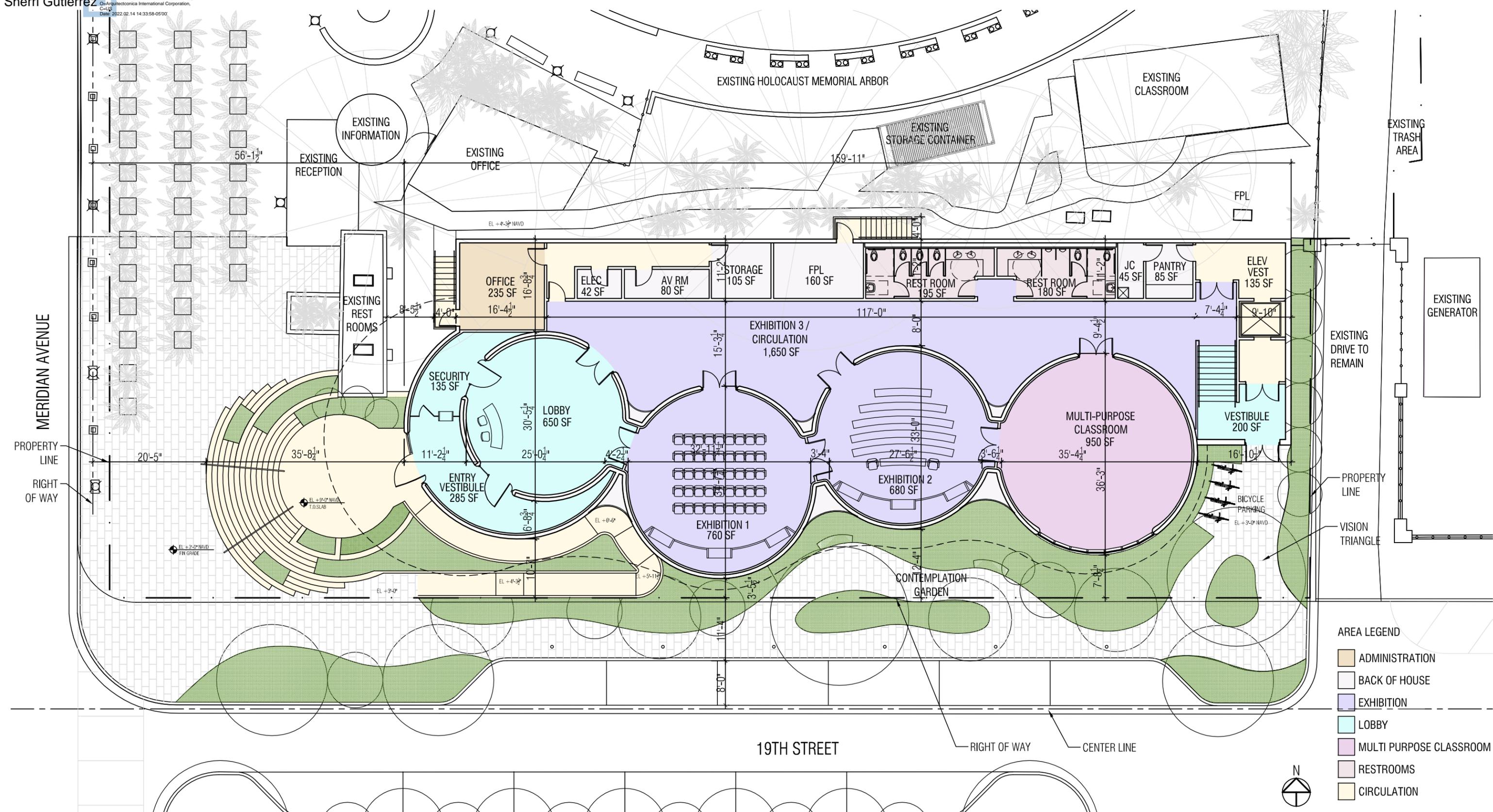
8. APPROACH FROM MEMORIAL



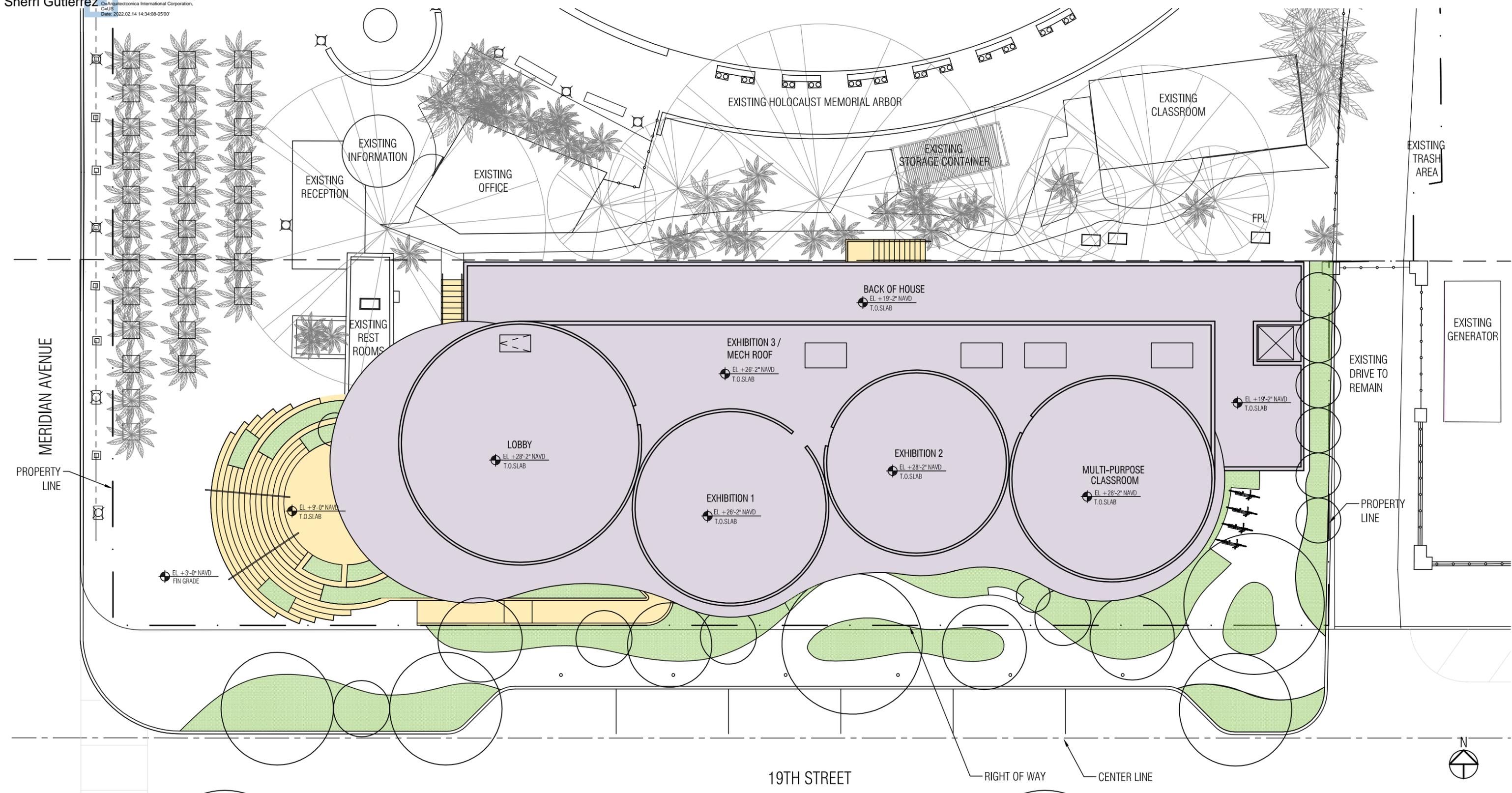
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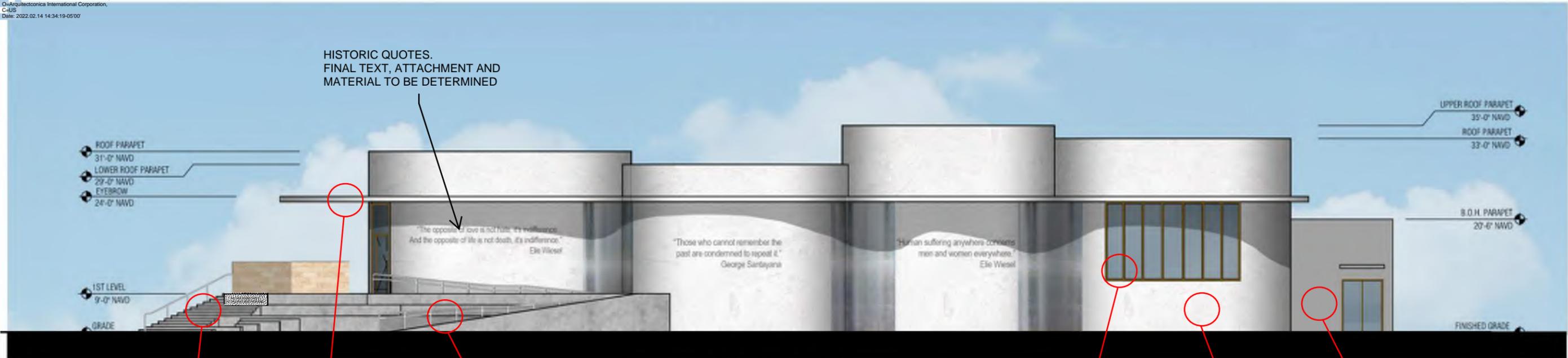


10. VIEW TO PARK



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HISTORIC QUOTES.
FINAL TEXT, ATTACHMENT AND
MATERIAL TO BE DETERMINED

SOUTH ELEVATION WITHOUT LANDSCAPE



CONCRETE RAMP & STAIR



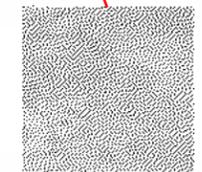
WHITWASHED CONCRETE



42" MESH GUARDRAIL



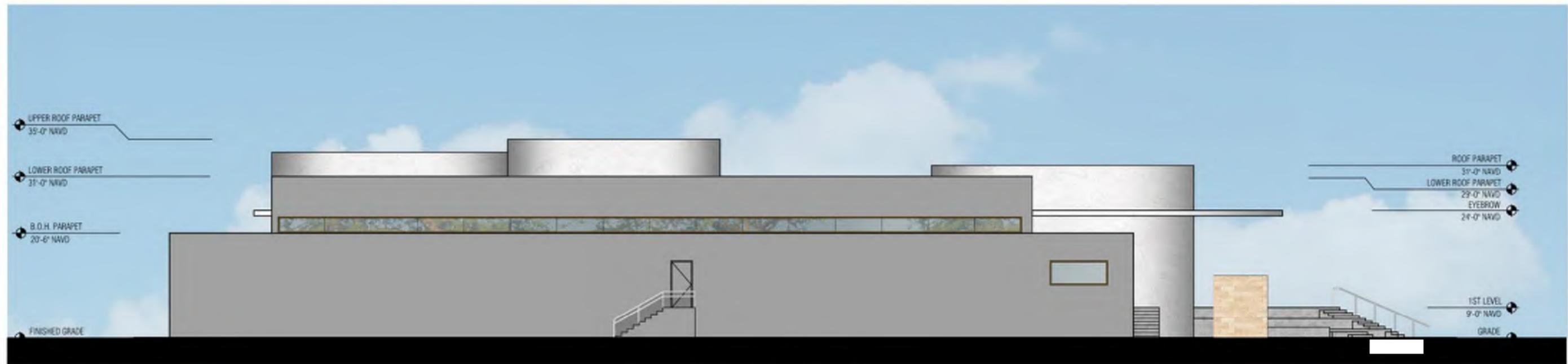
BRONZE STOREFRONT



WHITE CEMENTITIOUS FINISH



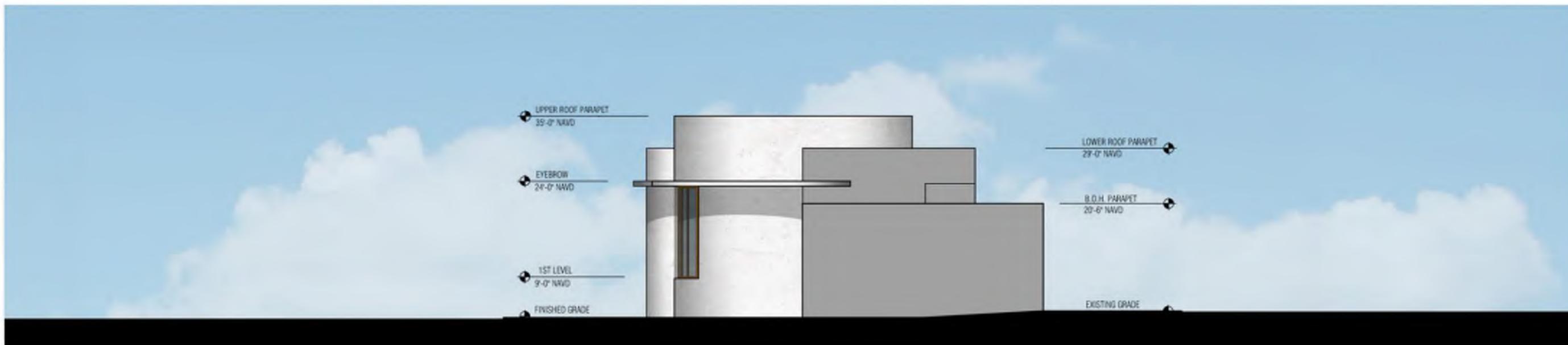
GRAY STUCCO FINISH



NORTH ELEVATION WITHOUT LANDSCAPE



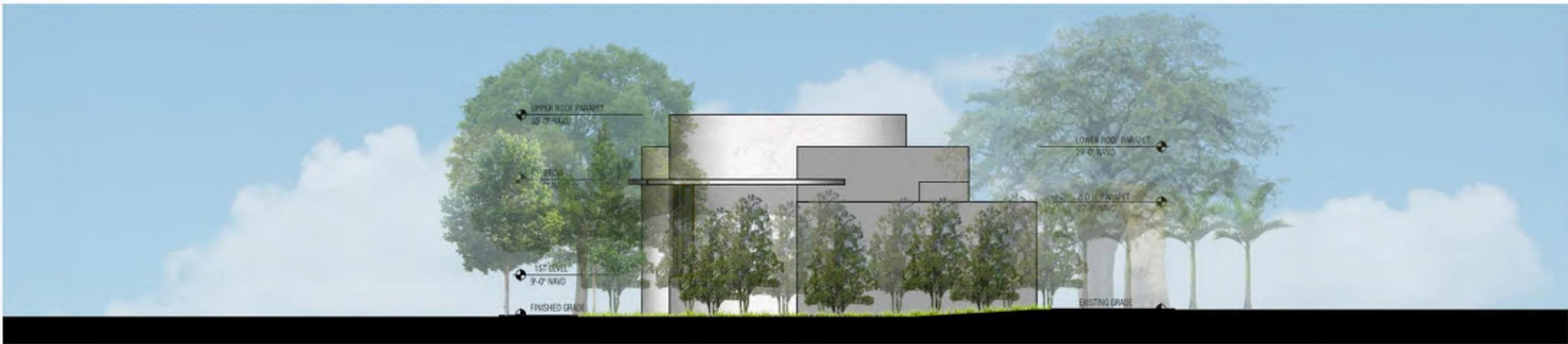
WEST ELEVATION WITHOUT LANDSCAPE



EAST ELEVATION WITHOUT LANDSCAPE



WEST ELEVATION WITH LANDSCAPE



EAST ELEVATION WITH LANDSCAPE

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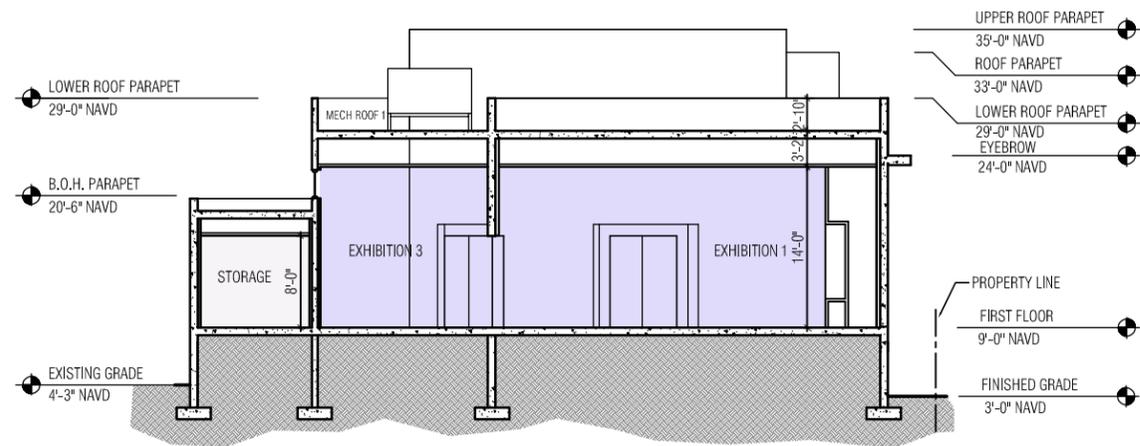
1933-1945 Meridian Avenue, Miami Beach, FL 33139

DRAWING: EXTERIOR ELEVATIONS WITH LANDSCAPE

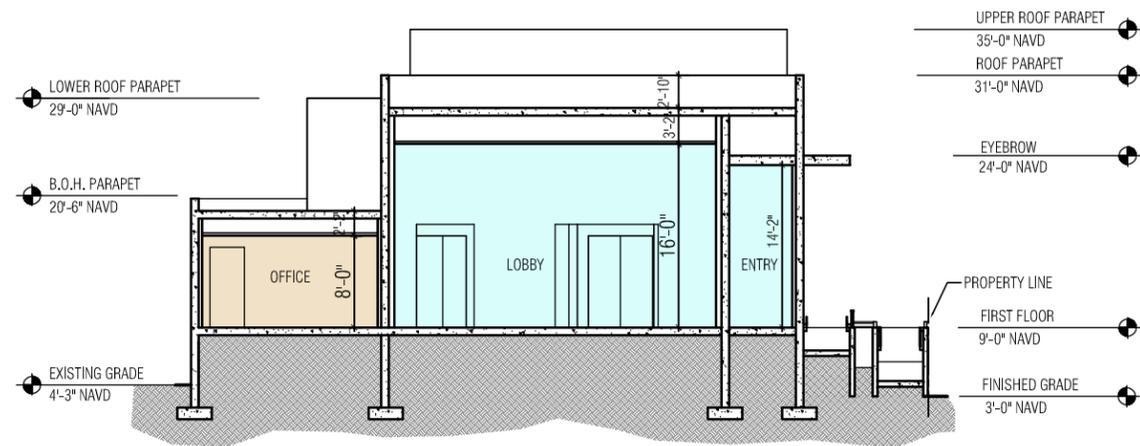
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A-23

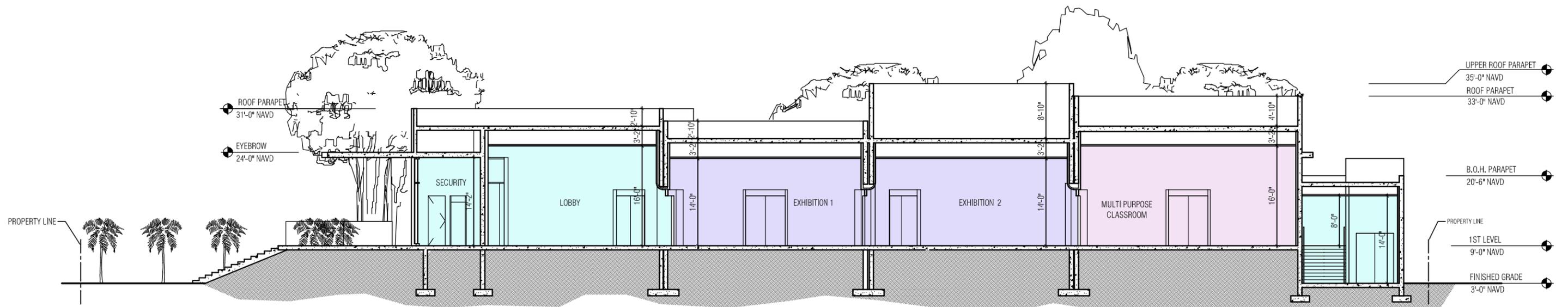


EAST FACING SECTION 1



EAST FACING SECTION 2

- AREA LEGEND
- ADMINISTRATION
 - BACK OF HOUSE
 - EXHIBITION
 - LOBBY
 - MULTI PURPOSE CLASSROOM



NORTH FACING SECTION

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DRAWING: BUILDING SECTIONS

SCALE: 1/16" = 1'-0"

DATE: February 14, 2022

A-30



Lobby
Scheme 4

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 C=US
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Sherri Gutierrez

DRAWING: LOBBY CONCEPT
 SCALE:
 DATE: February 14, 2022



Theater 1 and 2 (Intro AV)
Scheme 4

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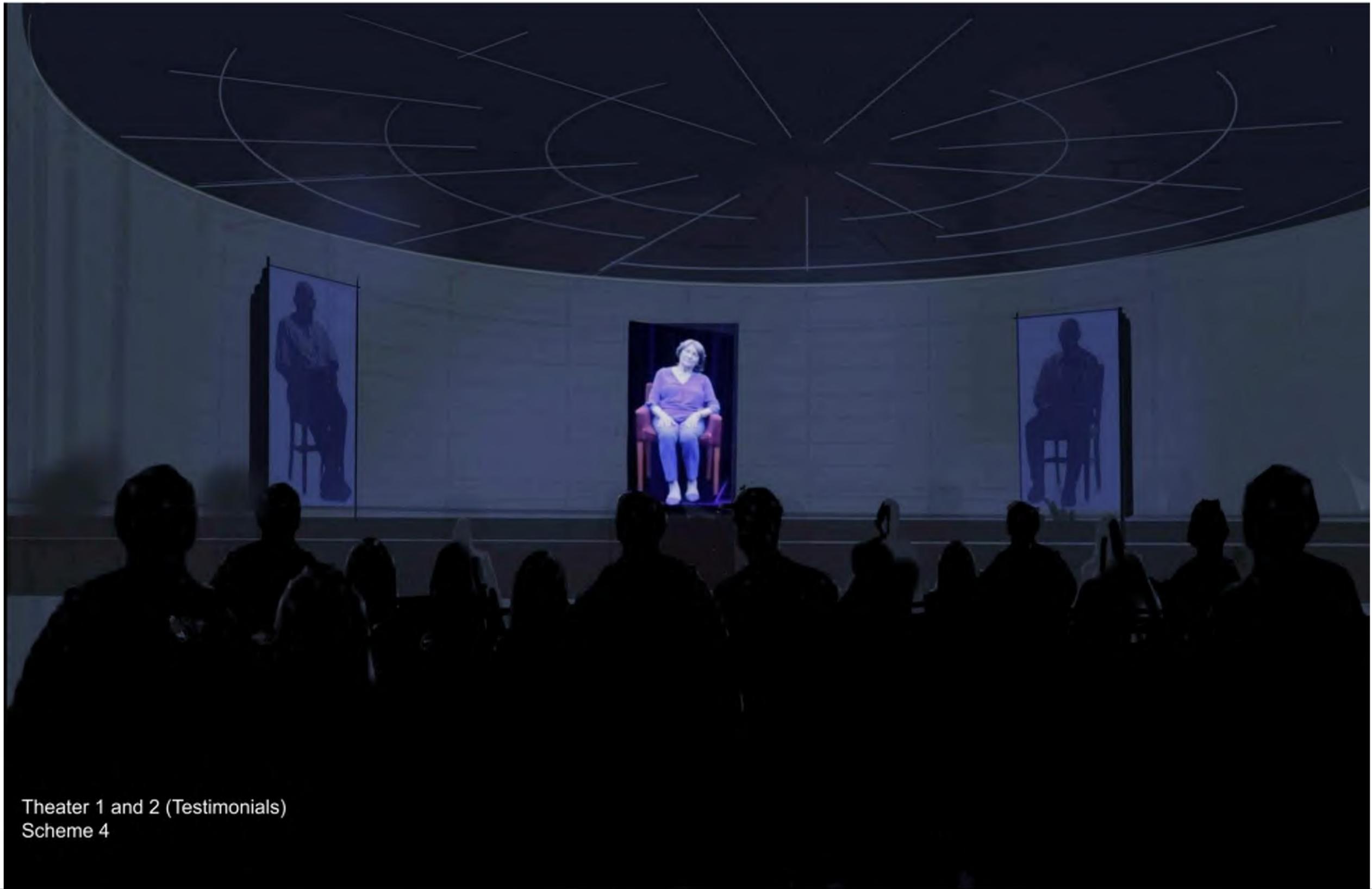
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DRAWING: EXHIBIT 1 & 2 THEATER INTRODUCTION
SCALE:
DATE: February 14, 2022

A-32



Theater 1 and 2 (Testimonials)
Scheme 4

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DRAWING: EXHIBIT 1 & 2 TESTIMONIALS
SCALE:
DATE: February 14, 2022

A-33



Classroom
Scheme 4

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Sherri Gutierrez

DRAWING: CLASSROOM CONCEPT
 SCALE:
 DATE: February 14, 2022

A-34



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DRAWING: AERIAL RENDERING
 SCALE:
 DATE: February 14, 2022

A-40



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DRAWING: AERIAL RENDERING SOUTH
 SCALE:
 DATE: February 14, 2022

A-41



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DRAWING: RENDERING - DAY VIEW
 SCALE:
 DATE: February 14, 2022

A-42



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DRAWING: RENDERING - DAY VIEW WITH LANDSCAPING
 SCALE:
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A-43



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DRAWING: RENDERING - NIGHT VIEW
 SCALE:
 DATE: February 14, 2022

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 SCALE:
 DATE: February 14, 2022

A-45

THE EDUCATION CENTER AT THE HOLOCAUST MEMORIAL MIAMI BEACH

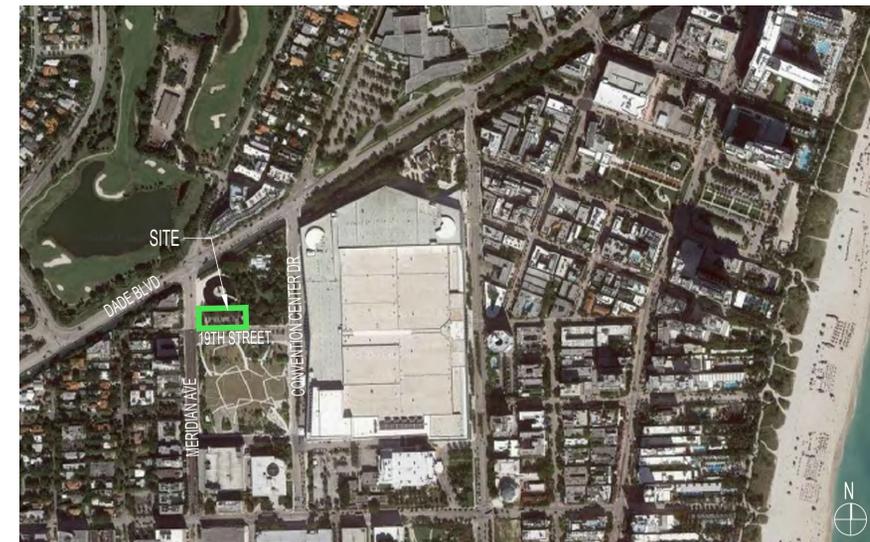
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ARQUITECTONICA GEO LANDSCAPE ARCHITECTS

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INDEX OF DRAWINGS		
DESCRIPTION		
(DESIGN REVIEW BOARD - LANDSCAPE SUBMISSION)		
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3	L0-02	LANDSCAPE CALCULATIONS
4	L0-03	LANDSCAPE IMAGES
5	L0-04	TREE SURVEY
6	L1-00	TREE DISPOSITION PLAN
7	L1-01	TREE MITIGATION PLAN
8	L1-10	GROUND LEVEL RENDERED PLAN
9	L1-11	GROUND LEVEL HARDSCAPE PLAN
10	L1-12	GROUND LEVEL TREE PLAN
11	L1-13	GROUND LEVEL SHRUB AND GROUND COVER PLAN
12	L1-14	GROUND LEVEL LIGHTING PLAN
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14	L5-10	GROUND LEVEL HARDSCAPE DETAILS
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16	L6-00	TREE DISPOSITION SCHEDULE
17	L6-01	TREE DISPOSITION SCHEDULE
18	IR1-10	GROUND LEVEL IRRIGATION PLAN
19	IR5-10	GROUND LEVEL IRRIGATION DETAILS



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DATE: FEBRUARY
14, 2022

LANDSCAPE
INDEX OF DRAWINGS
L0-00

GENERAL NOTES

1. These plans reflect the scope of the Landscape Architect external services. For Architectural, Civil, please refer to the appropriate consultant documents.
2. The locations of all site amenities are approximate and may be adjusted in the field with owner and/or their representatives approval. See plans for locations of fixed amenities.
3. The locations of plants, as shown in these plans, are approximate. The final locations may be adjusted to accommodate unforeseen field conditions to comply with safety criteria, to avoid creating unsafe sight conditions, or as otherwise directed by or approved by the landscape architect or owners representative.
4. Construction shall comply with all local building codes.
5. All dimensions shall be verified in the field prior to construction. Written dimensions shall take precedence over scaled drawings.
6. If a discrepancy should arise between layout geometry and design intent, design intent shall take precedence.
7. The following submittals require separate sub-permits:
 - 7.1. Light Poles
 - 7.2. Fences and Gates
 - 7.3. Foundations for trellises, benches, and equipment.

GENERAL GRADING NOTES

1. All grading information provided is intended for aesthetic purposes and to show relationships only. For detailed grading information see Civil Engineers drawings.
2. Rough grading and site preparation shall be completed for review by Landscape Architect / or owners representative prior to final grading.
3. Roadway grading and transition areas to be reviewed and approved by Civil / Traffic Engineer.
4. Grading and calculations for retention areas to be provided by Civil Engineers.
5. Contractor shall not substantially modify grading plan without the approval of designer. All site aesthetic grading is subject to review and approval of the landscape architect or owner's representative.
6. All graded areas shall be dragged with a drag mat or hand radeel to blend in small imperfections and round off any sharp lines that may have been constructed by equipment. All areas to be planted shall have no water holding pockets.

GENERAL SITE LIGHTING NOTES

1. All electrical wiring and circuiting by Electrical Engineer in future permit set.
2. Shop drawings shall be required by manufacturers and/or contractors for all connections, footers, electrical requirements and color samples for review and approval by the landscape architect or owners representative.
3. Photometrics to be provided by the Engineer and coordinated with Landscape Architect/or owner representative.
4. Transformers and other exterior ballasts shall be hidden from general view with landscaping and /or appropriate enclosures. This should be coordinated with Landscape architect.

GENERAL LANDSCAPE NOTES

1. The Contractor shall be responsible for verifying all underground utilities prior to digging in any area. The contractor shall notify all necessary utility companies 48 hours minimum prior to digging for verification of all underground utilities, irrigation and all other obstructions and coordinate with Owner's Representative prior to initiating operations. Drawings are prepared according to the best information available at the time of preparing documents.
2. The contractor is responsible to ensure proper watering and maintenance of new and relocated plant materials during the one year warranty period.
3. Contractor is to report any discrepancies between the construction drawings and field conditions to the Owner's Representative immediately.
4. Landscape Contractor shall coordinate all work with related contractors and with the general construction of the project in order not to impede the progress of the work of others or the contractor's own work. Landscape contractor shall provide schedule of his/her work two weeks in advance, beginning two weeks prior to commencing landscape trade construction.
5. The location of the landscape holding area will be identified by the Owner or Owner's Representative. The Contractor shall adhere to the access routes to and from the holding area without disrupting or impeding access to the site by others. Contractor is responsible for the maintenance of all plant materials, including temporary irrigation and fertilization if necessary during construction, while being held in landscape holding areas.
6. The Contractor shall bear all costs of testing of soils, amendments, etc. associated with the work and included in the specifications. Prior to commencement of the landscape planting work the Contractor shall provide complete soil tests with recommendations for soil treatment in the construction area.
7. Landscape Contractor shall field stake the location of all plant material or field stake the plants prior to initiating installation for the review and approval of the Owner's representative and/or Landscape Architect. Note: **No planting shall commence until there is a functional irrigation system in the area to be planted. No trees shall be planted on top of irrigation lines.**
8. Landscape Contractor shall field adjust location of plant material as necessary to avoid damage to all existing underground utilities and/ or existing above ground elements. All changes required shall be completed at the Contractor's expense and shall be coordinated with Owner's Representative and the Landscape Architect.
9. Any substitutions in size and/or plant species must be approved by the Landscape Architect or Owner's Representative prior to modification of the contract, purchasing and delivery of plants. All plants will be subject to approval by Landscape Architect and/or Owner's Representative before planting can begin. All plant materials will not include any plants considered to be invasive by the City of Miami Beach.
10. Contractor shall refer to the landscape planting details, general notes and the project manual and/or specifications for further and complete landscape planting instructions.
11. Landscape Contractor shall coordinate all planting work with permanent or temporary irrigation work. Landscape Contractor shall be responsible for all hand watering as required by Owner's Representative to supplement irrigation watering and rainfall. Landscape Contractor shall be responsible for hand watering in all planting areas, regardless of the status of existing or proposed irrigation.
12. Landscape Contractor shall clean the work areas at the end of each working day. Rubbish and debris shall be collected and deposited off-site or in an approved disposal area daily. All materials, products and equipment shall be stored in an organized fashion as directed by the Owner's Representative.
13. Landscape Contractor shall re-grade all areas disturbed by plant removal, relocation and/or installation work. Landscape Contractor shall replace (by equal size and quality) any and all existing or new plant material disturbed or damaged by plant removal, relocation, and/or installation work.
14. Site distance concerns must be maintained for clear site visibility from thirty (30) inches to seventy-two (72) inches, tree trunks are excluded as specified in appropriate municipal codes.

GENERAL LANDSCAPE NOTES CONT'D

15. Guying / staking practices shall not permit nails, screws, wires, etc., to penetrate outer surface of any tree or palm. Trees or palms rejected due to this practice shall be replaced at the Contractor's expense.
16. Burlap material, wire cages, plastic straps, etc., must be cut and removed from top one-third (1/3) of root ball.
17. Trees grown in grow bags or grow bag type material are not allowed.
18. All planting materials shall meet or exceed local requirements as specified by local plant standards.
19. All landscape installations shall meet or exceed the minimum requirements as shown in appropriate municipal codes.
20. The Contractor shall be responsible for the guarantee of all plant material for a period of twelve (12) months from the date of substantial completion. Substantial completion constitutes the beginning of guarantee period.
21. Plant size specifications take precedence over container size.
22. Contractor to verify quantities and report any discrepancies to Owners representative and/or Landscape Architect.
23. All plant material shall be graded Florida #1 or better.
24. All proposed planting beds will be planted out correctly with proper spacing.
25. All tree work will require permitting by a registered Miami-Dade County Tree Trimmer.
26. Burlap, wire cages, etc., be removed half way down root balls.
27. All tree pruning to follow ANSI 300 tree trimming standards.

SOIL PREPARATION AND SOIL MIX

1. All plants noted for removal shall be relocated as shown on plans or removed and properly disposed of offsite at contractors expense unless otherwise noted.
2. Before finishing top soil grading, scarify & rake subsoil clear of stones (1" diameter and larger), debris, rubbish, and remaining roots from removed plant material to a depth of 6".
3. Plant holes should be dug and the sides and bottom of the hole should be stable, regardless of depth. Soil scarification is necessary if sides of the hole are compacted.
4. Contractor to apply approved pre-emergent herbicide in accordance with manufacturer's rate and specifications. Contractors to provide manufacturer's specifications for approval.
5. Planting soil mix for planters, trees, shrubs, and ground cover & grasses shall be determined by soil analysis prior to planting landscape.

The planting soil mix should be what comes out of the hole so the plant adapts to the surrounding/existing soil and grows into it. This is why the sides and the bottom of the planting hole should never be compacted with the digging implements. Never fertilize newly planted plants and trees. Please note that peat moss will eventually decompose and clog soil pores thereby inhibiting the plants water and oxygen consumption.

6. Topsoil shall be natural, fertile, agricultural soil capable of sustaining vigorous plant growth. It shall be of uniform composition throughout, with admixture of subsoil, it shall be free of stones, lumps, live plants and their roots, sticks, and other extraneous material. Top soil brought in should match as well as possible the existing soil texture and Ph. Planted material should never be "mounded" or raised; the soil will eventually wash away exposing the roots and it will be difficult to establish the plant material due to drought and excessive soil transpiration. All plant/tree material should be installed with the root collar exposed (approximately 1/2" to 1"). Landscape contractor should find the uppermost lateral root and plant that just below the soil surface.

7. Smooth topsoil without compaction to two inches (2") below finish grade in areas to be sodded without compaction.

8. Finish grade all topsoil areas to a smooth non-compacted, even surface assuring positive drainage away from the structures and eliminate any low areas except in retention areas where water may collect.

9. Contractor to remove debris and excess material immediately from job site while keeping in mind that heavy equipment will compact soil to the detriment of water drainage and the health of the newly installed plants. All planting areas with compacted soil will have surfaces scarified to a min. of 6" in depth.

PLANTING SPECIFICATIONS

1. The contractor is responsible for maintaining, in full, all planting areas (including watering, spraying, mulching, mowing, fertilizing, etc.) Until the job is accepted, in full, by the owner, its representative and Landscape Architect.
2. All plant material shall be protected during transport and delivery to final location with shade cloth or other acceptable means of windburn prevention. Plant/tree material shall conform to Florida # 1 as described in Florida grades & standards, the latest issue.
3. All trees must be guyed or staked as shown in details.

4. When plant material is delivered onsite, it shall not be laid down for more than two hours. Plant material when stored onsite shall be placed and maintained in good condition in a vertical position. All plants held onsite shall be kept watered regularly in sufficient amounts to permit continuous and vigorous growth.

5. Installation of all plant material shall be installed in a sound, workmanlike manner and according to accepted good planting and tree relocation procedures with the quality of plant materials as hereinafter described. All elements of landscaping shall be installed so as to meet all applicable ordinances and code requirements.

6. There shall be no chains or cables used directly on trees or palms, handle with 2" minimum width nylon straps or equal.

7. Contractor shall assure drainage and percolation of all planting pits. Prior to installation of plant material, contractor shall fill all tree pits with water before planting to assure that proper drainage and percolation is available. Correct if required to assure percolation. Contractor is responsible for replacement of all plants lost due to inadequate drainage conditions. Plant/tree material that has bark scraped off due to shipping, handling, and installation issues may be rejected upon inspection by the L.A.

8. Contractor to request inspection of project in writing. If all work is satisfactory and complete in accordance with conditions of contract documents, then the owner, its representative, and landscape architect shall declare the project substantially complete.

9. Substantial completion constitutes the beginning of guarantee period.

10. Contractor to replace rejected plant within two (2) weeks of notice.

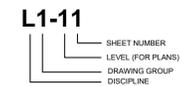
11. Crown pruning of any trees or palms is generally not approved by the national arborist association standards. When it is approved, it must be done in writing.

12. Xeriscaping principles as outlined in the South Florida Water Management District Xeriscape Plant Guide 2 shall be applied throughout landscape installation and maintenance.

DRAWING ORGANIZATION

1. DRAWING NUMBERING SYSTEM

THE DRAWING NUMBER FOR EACH SHEET CONSISTS OF THE FOLLOWING:



2. DRAWING GROUP

LANDSCAPE DRAWINGS ARE ORGANIZED INTO THE FOLLOWING GROUPS:

- L0 = GENERAL
- L1 = PLANS
- L2 = ELEVATIONS
- L3 = SECTIONS
- L4 = ENLARGEMENTS
- L5 = DETAILS
- L6 = SCHEDULES

3. SHEET NUMBER

EACH DRAWING SHEET WITHIN EACH GROUP/MULTIPLE SHALL BE NUMBERED SEQUENTIALLY FROM 00 TO 99.

4. DRAWING NUMBER EXAMPLES:

L1-11 HARDSCAPE PLAN



SEAL/SIGNATURE/DATE:
OFFICE REGISTRATION: # AA C000465

ARQUITECTONICA

2900 Oak Avenue Miami, Florida 33133
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RESILIENT LANDSCAPES

THE EDUCATION CENTER AT THE HOLOCAUST MEMORIAL CENTER - DRB SUBMITTAL

1933-1945 Meridian Avenue, Miami Beach, Fl 33139

DRAWING:
SCALE:
DATE: FEBRUARY
14, 2022

LANDSCAPE
NOTES

L0-01

**CITY OF MIAMI BEACH
LANDSCAPE LEGEND**

INFORMATION REQUIRED TO BE PERMANENTLY AFFIXED TO PLANS

Zoning District	_____	Lot Area	<u>72826</u>	Acres	<u>1.67</u>		
Adjacent development						REQUIRED/ ALLOWED	PROVIDED
Zone: RM-2							
<u>OPEN SPACE</u>							
A. Square feet of required Open Space as indicated on site plan:							
Lot Area=	<u>72826</u> s.f. x	<u>40</u> %=	<u>29130</u> s.f.			<u>29130</u>	<u>0</u>
B. Square feet of parking lot open space required as indicated on site plan:							
Number of parking spaces	<u>34</u> x 10 s.f. parking space=					<u>340</u>	<u>5284</u>
C. Total square feet of landscaped open space required: A+B=							
						<u>29470</u>	<u>5284</u>

LAWN AREA CALCULATION

A. Square feet of landscaped open space required							
B. Maximum lawn area (sod) permitted =	<u>20</u> % x	<u>5284</u> s.f.				<u>1056.8</u>	<u>0</u>

TREES

A. Number of trees required per lot or net lot acre, less existing number of trees meeting minimum requirements=						<u>40</u>	<u>11</u>
B. % Natives required: Number of trees provided x 50%=						<u>6</u>	<u>9</u>
C. % Low maintenance/drought and salt tolerant required: Number of trees provided x 50%=						<u>12</u>	<u>11</u>
D. Street Trees (maximum average spacing of 20' o.c) <u>281</u> linear feet along street divided by 20'=						<u>14</u>	<u>0</u>
E. Street tree species allowed directly beneath power lines: (maximum average spacing of 20' o.c.)=						<u>0</u>	<u>0</u>

SHRUBS

A. Number of shrubs required: Sum of lot and street trees required x 12=						<u>648</u>	<u>1933</u>
B. % Native shrubs required: Number of shrubs provided x 50%=						<u>966</u>	<u>1933</u>

LARGE SHRUBS OR SMALL TREES

A. Number of large shrubs or small trees required: Number of required shrubs x 10%=						<u>65</u>	<u>11</u>
B. % Native large shrubs or small trees required: Number of large shrubs or small trees provided x 50%=						<u>6</u>	<u>11</u>



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TREES



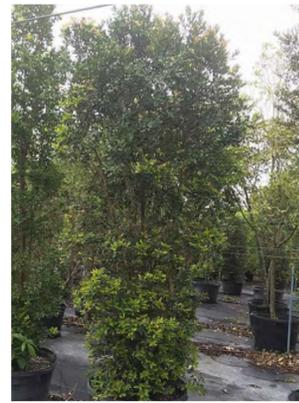
CONOCORPUS ERECTUS
GREEN BUTTONWOOD



CONOCORPUS ERECTUS
VAR *SERICEUS*
SILVER BUTTONWOOD



COCCOLOBA DIVERSIFOLIA
PIGEON PLUM



EUGENIA FOETIDIA
SPANISH STOPPER



GYMNATHES LUCIDA
CRABWOOD



KRUGIODENDRON FERREUM
BLACK IRONWOOD



SIMAROUBA GLAUCA
PARADISE TREE



MYRCIANTHES FRAGANS
SIMPSON STOPPER

PALMS



GUAPIRA DISCOLOR
BOLLY



CALOPHYLLUM INOPHYLLUM
BRAZILIAN BEAUTY LEAF



PACHIRA AQUATICA
MONEY TREE



SABAL PALMETTO
CABBAGE PALM



COCOS NUCIFERA
COCONUT

HARDSCAPE IMAGES



PEDESTRIAN JERUSALEM SAND-SET PAVERS TO
MATCH EXISTING



MINI PINE BARK MULCH NUGGET

SHRUBS & GROUNDCOVERS/LOW GROWING PLANTS



ERNODEA LITTORALIS
GOLDEN CREEPER



HYMENOCALLIS LATIFOLIA
SPIDER LILY



MUHLENBURGIA CAPILLARIS
PINK MUHLIY



SABAL MINOR
DWARF SABAL PALMETTO



VEHICULAR CONCRETE PAVERS
TO MATCH THE EXISTING ON MERIDIAN AVE



SEAL/SIGNATURE/DATE:
OFFICE REGISTRATION: # AA C000465

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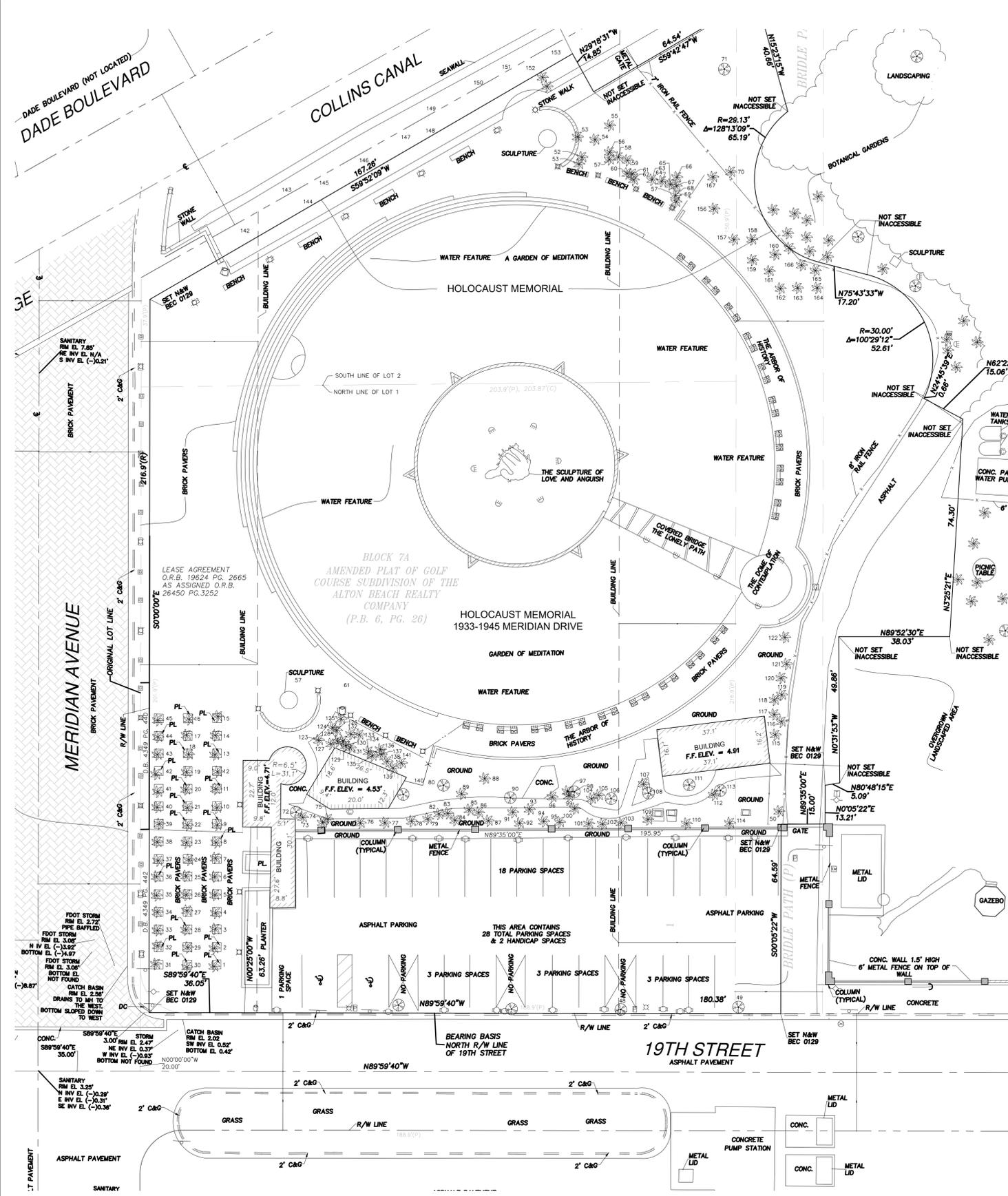
2900 Oak Avenue Miami, Florida 33133
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www.arquitectonica.com

DRAWING:
SCALE:
DATE: FEBRUARY
14, 2022

LANDSCAPE
IMAGES

L0-03

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Appendix – A – Measurements and condition rating

Scientific name	Common name	DBH	H/Ct	Canopy	Condition	TPZ
1 Pseudophoenix sargentii	Buccaneer palm	0	3'	6'	Good	4'
2 Pseudophoenix sargentii	Buccaneer palm	11"	10'	10'	Good	4'
3 Pseudophoenix sargentii	Buccaneer palm	9"	10'	10'	Good	4'
4 Pseudophoenix sargentii	Buccaneer palm	8"	8'	10'	Good	4'
5 Pseudophoenix sargentii	Buccaneer palm	9"	9'	3'	Poor	4'
6 Pseudophoenix sargentii	Buccaneer palm	9"	8'	9'	Poor	4'
7 Pseudophoenix sargentii	Buccaneer palm	0	1'	9'	Good	4'
8 Pseudophoenix sargentii	Buccaneer palm	0	3'	8'	Good	4'
9 Pseudophoenix sargentii	Buccaneer palm	8"	8'	10'	Good	4'
10 Pseudophoenix sargentii	Buccaneer palm	0	3'	10'	Good	4'
11 Pseudophoenix sargentii	Buccaneer palm	0	2'	10'	Good	4'
12 Pseudophoenix sargentii	Buccaneer palm	7"	6'	9'	Good	4'
13 Pseudophoenix sargentii	Buccaneer palm	9"	9'	8'	Poor	4'
14 Pseudophoenix sargentii	Buccaneer palm	0	3'	3'	Poor	4'
15 Pseudophoenix sargentii	Buccaneer palm	0	4'	10'	Good	4'
16 Pseudophoenix sargentii	Buccaneer palm	7"	9'	12'	Good	4'
17 Pseudophoenix sargentii	Buccaneer palm	0	3'	10'	Good	4'
18 Pseudophoenix sargentii	Buccaneer palm	0	3'	8'	Poor	4'
19 Pseudophoenix sargentii	Buccaneer palm	9"	8'	5'	Poor	4'
20 Pseudophoenix sargentii	Buccaneer palm	0	3'	10'	Good	4'
21 Pseudophoenix sargentii	Buccaneer palm	0	3'	8'	Good	4'
22 Pseudophoenix sargentii	Buccaneer palm	0	3'	8'	Good	4'
23 Pseudophoenix sargentii	Buccaneer palm	4"	5'	10'	Moderate	4'
24 Pseudophoenix sargentii	Buccaneer palm	6"	6'	10'	Good	4'
25 Pseudophoenix sargentii	Buccaneer palm	7"	6'	10'	Good	4'
26 Pseudophoenix sargentii	Buccaneer palm	0	3'	12'	Good	4'
27 Pseudophoenix sargentii	Buccaneer palm	6"	8'	10'	Good	4'
28 Pseudophoenix sargentii	Buccaneer palm	6"	5'	9'	Good	4'
29 Pseudophoenix sargentii	Buccaneer palm	0	2'	8'	Good	4'
30 Pseudophoenix sargentii	Buccaneer palm	8"	7'	12'	Good	4'
31 Pseudophoenix sargentii	Buccaneer palm	0	4'	10'	Good	4'
32 Pseudophoenix sargentii	Buccaneer palm	7"	7'	10'	Good	4'
33 Pseudophoenix sargentii	Buccaneer palm	7"	7'	10'	Good	4'
34 Pseudophoenix sargentii	Buccaneer palm	5"	7'	8'	Good	4'
35 Pseudophoenix sargentii	Buccaneer palm	8"	6'	8'	Moderate	4'
36 Pseudophoenix sargentii	Buccaneer palm	6"	6'	8'	Good	4'
37 Pseudophoenix sargentii	Buccaneer palm	6"	5'	8'	Good	4'
38 Pseudophoenix sargentii	Buccaneer palm	6"	5'	10'	Good	4'
39 Pseudophoenix sargentii	Buccaneer palm	0	2'	10'	Good	4'
40 Pseudophoenix sargentii	Buccaneer palm	0	4'	10'	Good	4'
41 Pseudophoenix sargentii	Buccaneer palm	0	2'	5'	Good	4'
42 Pseudophoenix sargentii	Buccaneer palm	7"	7'	8'	Good	4'
43 Pseudophoenix sargentii	Buccaneer palm	0	5'	8'	Good	4'
44 Pseudophoenix sargentii	Buccaneer palm	7"	5'	10'	Good	4'
45 Pseudophoenix sargentii	Buccaneer palm	0	3'	9'	Good	4'
46 Swietenia mahagoni	Mahogany	33"	30'	40'	Poor	18'
47 Swietenia mahagoni	Mahogany	41"	30'	50'	Poor	18'
48 Swietenia mahagoni	Mahogany	16"	35'	30'	Poor	15'
49 Swietenia mahagoni	Mahogany	34"	45'	50'	Poor	18'
50 Ptychosperma elegans	Solitaire palm	3"	25'	7'	Good	4'
72 Adansonia digitata	Baobab	79"	70'	65'	Good	18'
73 Ptychosperma elegans	Solitaire palm	4"	23'	14'	Good	4'
74 Dypsis lutescens	Areca palm	54"	20'	35'	Moderate	4'
75 Ptychosperma elegans	Solitaire palm	3"	24'	14'	Good	4'
76 Dypsis lutescens	Areca palm	10"	14'	26'	Poor	4'
77 Dypsis lutescens	Areca palm	24"	22'	28'	Moderate	4'
78 Dypsis lutescens	Areca palm	59"	23'	28'	Moderate	4'
79 Ptychosperma elegans	Solitaire palm	4"	30'	14'	Good	4'
79a Swietenia mahagoni	Mahogany	17"	60'	65'	Poor	15'
80 Quercus laurifolia	Laurel oak	10"	30'	25'	Poor	10'
81 Not on survey						
82 Ptychosperma elegans	Solitaire palm	4"	28'	16'	Good	4'
83 Livistona chinensis	Chinese fan palm	8"	14'	20'	Good	4'
84 Arenga species	Arenga	0	2'	14'	Moderate	4'
85 Ptychosperma elegans	Solitaire palm	3"	27'	14'	Good	4'
86 Caryota mitis	Fishtail palm	12"	6'	14'	Poor	4'
87 Dypsis lutescens	Areca palm	38"	20'	18'	Moderate	4'
88 Livistona chinensis	Chinese fan palm	9"	28'	24'	Good	4'
89 Livistona chinensis	Chinese fan palm	8"	22'	24'	Good	4'
90 Adansonia digitata	Baobab	79"	90'	65'	Good	18'
91 Veitchia montgomeryana	Montgomery palm	8"	35'	18'	Good	4'
92 Dypsis lutescens	Areca palm	7"	13'	22'	Moderate	4'
93 Ptychosperma elegans	Solitaire palm	3"	23'	6'	Good	4'
94 Dypsis lutescens	Areca palm	21"	11'	14'	Moderate	4'
95 Dypsis lutescens	Areca palm	85"	23'	28'	Moderate	4'
96 Ptychosperma elegans	Solitaire palm	3"	22'	14'	Good	4'
97 Ptychosperma elegans	Solitaire palm	3"	20'	14'	Good	4'
98 Swietenia mahagoni	Mahogany	19"	70'	45'	Moderate	18'
99 Ptychosperma elegans	Solitaire palm	3"	23'	14'	Good	4'
100 Ptychosperma elegans	Solitaire palm	3"	22'	14'	Good	4'
101 Dypsis lutescens	Areca palm	12"	20'	14'	Moderate	4'

102 Dypsis lutescens	Areca palm	32"	28'	18'	Moderate	4'
103 Dypsis lutescens	Areca palm	22"	20'	14'	Moderate	4'
104 Ptychosperma elegans	Solitaire palm	3"	14'	8'	Moderate	4'
105 Ptychosperma elegans	Solitaire palm	4"	14'	18'	Moderate	4'
106 Adansonia digitata	Baobab	39"	60'	40'	Good	18'
107 Ptychosperma elegans	Solitaire palm	3"	22'	14'	Good	4'
107a Polyscias scutellaria	Balfour aralia	19"	15'	18'	Moderate	6'
108 Swietenia mahagoni	Mahogany	10"	40'	55'	Moderate	15'
109 Dypsis lutescens	Areca palm	54"	14'	26'	Moderate	4'
110 Dypsis lutescens	Areca palm	26"	16'	26'	Poor	4'
111 Adansonia digitata	Baobab	74"	90'	45'	Good	18'
112 Ptychosperma elegans	Solitaire palm	4"	26'	16'	Good	4'
113 Swietenia mahagoni	Mahogany	17"	45'	45'	Moderate	18'
114 Dypsis lutescens	Areca palm	42"	14'	28'	Moderate	4'
114a Dypsis lutescens	Areca palm	21"	14'	18'	Moderate	4'
115 Ptychosperma elegans	Solitaire palm	3"	25'	7'	Good	4'
116 Ptychosperma elegans x 2 tks	Solitaire palm	6"	22'	16'	Good	4'
117 Ptychosperma elegans x 3 tks	Solitaire palm	9"	22'	14'	Good	4'
118 Ptychosperma elegans x 3 tks	Solitaire palm	8"	24'	14'	Good	4'
119 Ptychosperma elegans x 2 tks	Solitaire palm	6"	23'	8'	Good	4'
120 Syagrus romanzoffiana	Queen palm	9"	22'	20'	Good	4'
121 Roystonea regia	Royal palm	7"	14'	16'	Poor	4'
121a Ptychosperma macarthurii	Macarthur palm	10"	16'	18'	Good	4'
122 Roystonea regia	Royal palm	14"	40'	18'	Poor	5'
123 Carpentaria acuminata	Carpentaria palm	7"	25'	18'	Good	4'
124 Carpentaria acuminata	Carpentaria palm	6"	25'	14'	Good	4'
125 Carpentaria acuminata	Carpentaria palm	5"	25'	16'	Good	4'
126 Pseudophoenix sargentii	Buccaneer palm	11"	10'	12'	Good	4'
127 Ptychosperma elegans	Solitaire palm	4"	15'	12'	Good	4'
128 Pseudophoenix sargentii	Buccaneer palm	12"	11'	13'	Good	4'
129 Howea forsteriana	Kentia palm	6"	13'	12'	Good	4'
130 Ptychosperma elegans	Solitaire palm	3"	28'	12'	Good	4'
131 Ptychosperma elegans	Solitaire palm	2"	11'	8'	Good	4'
132 Ptychosperma elegans	Solitaire palm	2"	12'	7'	Good	4'
133 Carpentaria acuminata	Carpentaria palm	5"	26'	16'	Good	4'
134 Ptychosperma elegans	Solitaire palm	3"	28'	12'	Good	4'
135 Ptychosperma elegans	Solitaire palm	4"	26'	12'	Good	4'
136 Ptychosperma elegans	Solitaire palm	3"	22'	12'	Good	4'
137 Ptychosperma elegans	Solitaire palm	4"	26'	12'	Good	4'
138 Ptychosperma elegans x 2 tks	Solitaire palm	4"	27'	12'	Good	4'
139 Ptychosperma elegans x 3 tks	Solitaire palm	6"	26'	12'	Good	4'
140 Ptychosperma elegans	Solitaire palm	4"	23'	10'	Good	4'
141 Ptychosperma elegans	Solitaire palm	3"	20'	10'	Good	4'
A Dypsis lutescens	Areca palm	92"	12'	14'	Good	4'
B Dypsis lutescens	Areca palm	30"	10'	12'	Good	4'
C Dypsis lutescens	Areca palm	28"	9'	10'	Good	4'
D Dypsis lutescens	Areca palm	27"	12'	8'	Good	4'
E Dypsis lutescens	Areca palm	27"	14'	8'	Good	4'
F Dypsis lutescens	Areca palm	23"	10'	8'	Good	4'
G Dypsis lutescens	Areca palm	27"	12'	8'	Good	4'
H Dypsis lutescens	Areca palm	93"	18'	14'	Good	4'
I Dypsis lutescens	Areca palm	20"	9'	10'	Good	4'



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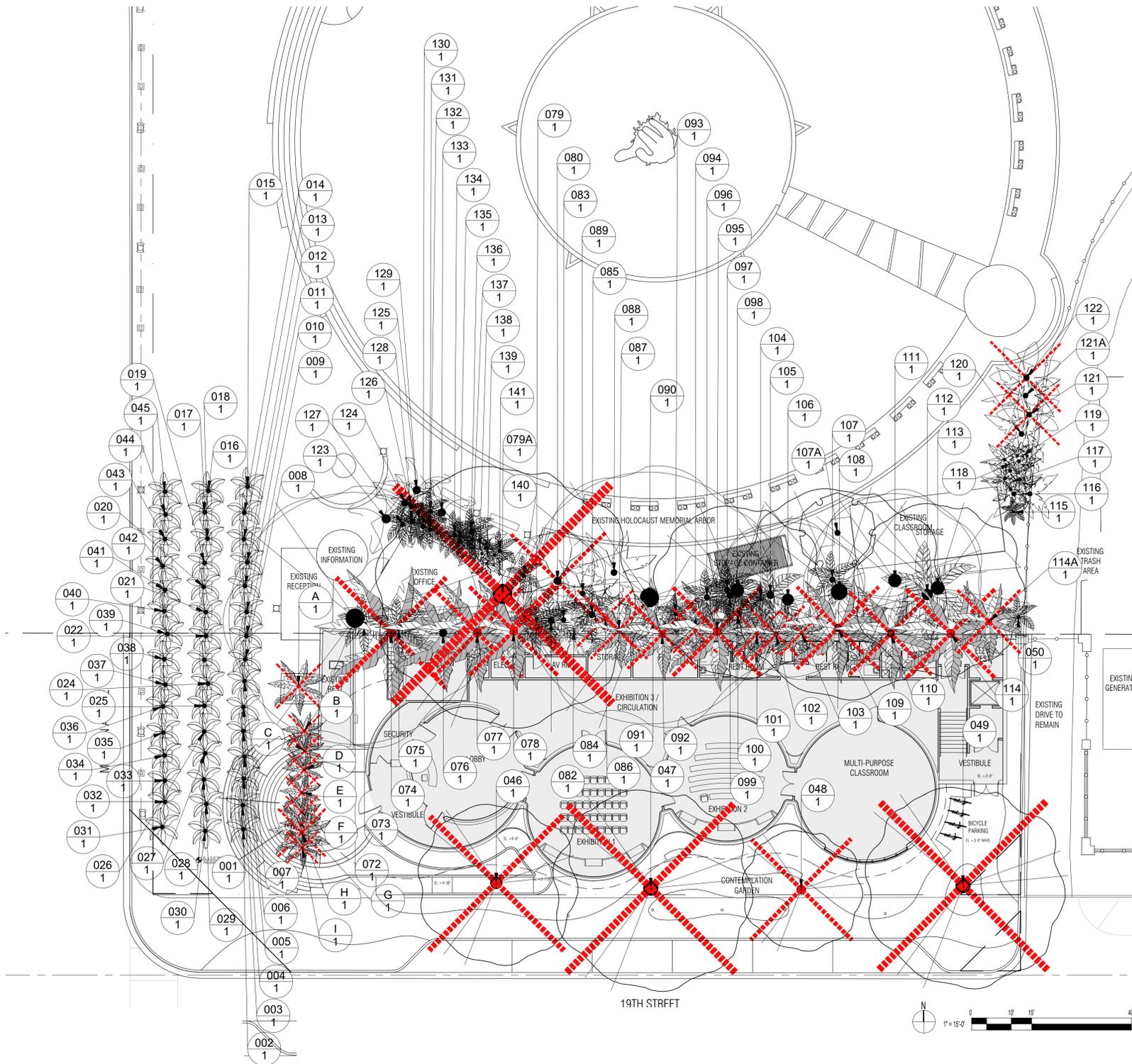
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TREE
SURVEY
LO-04

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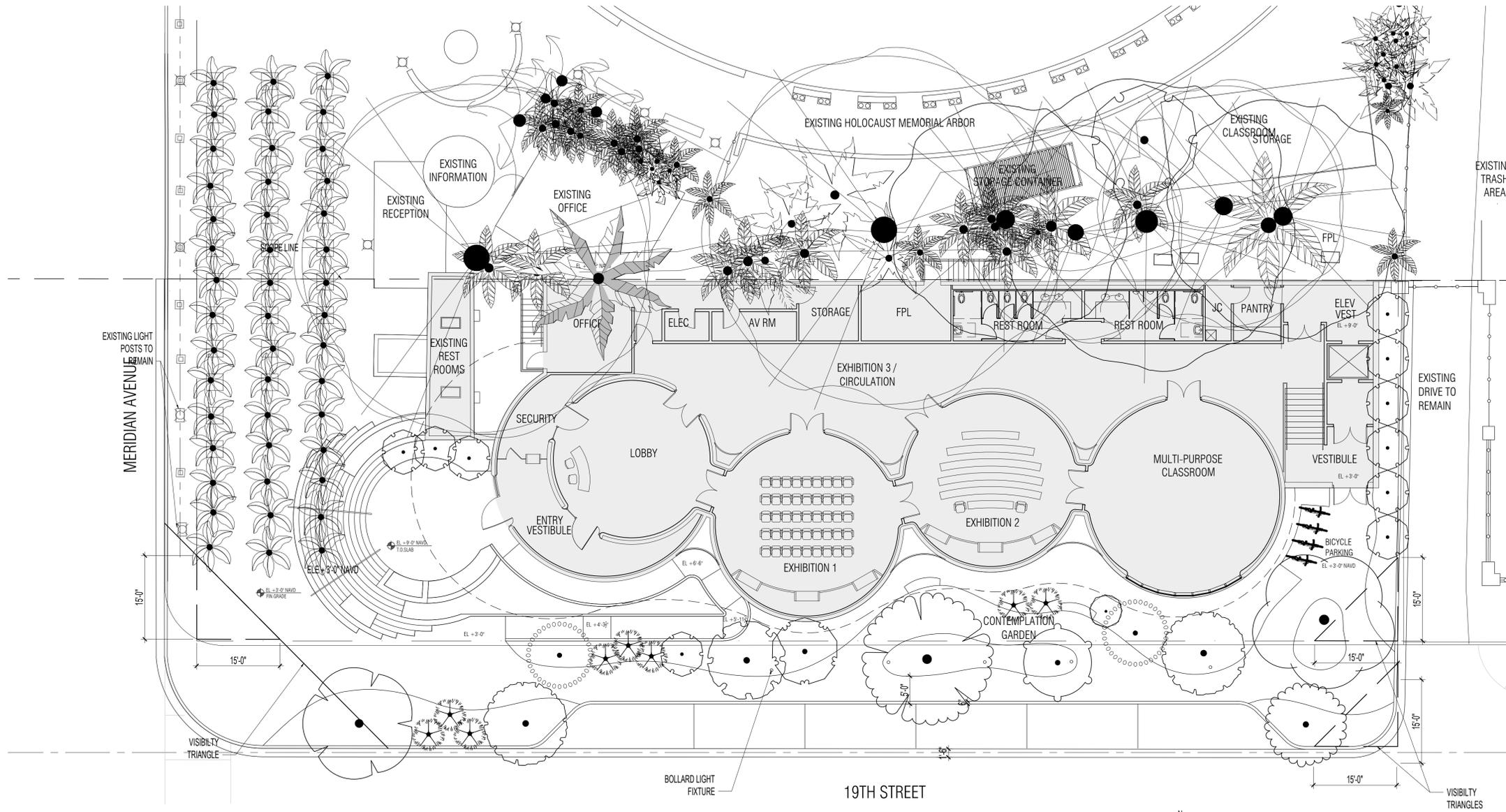
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TREE DISPOSITION
PLAN

L1-00

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CHAPTER 46-61.1 TREE REPLACEMENT CHART

Total diameter of tree(s) to be removed (sum of inches at DBH)	Total number of replacement trees required (where each Replacement Tree is a minimum of 2" DBH x 8' spread in Canopy x 12' in height)	OR	Total number of replacement trees required (where each Replacement Tree is a minimum of 4" DBH x 8' spread in Canopy x 16' in height)	OR	Contribution to Tree Trust Fund
2"-3"	1	or	0	or	\$1,000.00
4"-6"	2	or	1	or	\$2,000.00
7"-12"	4	or	2	or	\$4,000.00
13"-18"	6	or	3	or	\$6,000.00
19"-24"	8	or	4	or	\$8,000.00
25"-30"	10	or	5	or	\$10,000.00
31"-36"	12	or	6	or	\$12,000.00
37"-42"	14	or	7	or	\$14,000.00
43"-48"	16	or	8	or	\$16,000.00
49"-60"	20	or	10	or	\$20,000.00

CHAPTER 46-61.2.A TREE SPECIES DIVERSITY CHART

REQUIRED NUMBER OF TREES	REQUIRED MINIMUM NUMBER OF SPECIES
01-10	2
11-20	3
21-30	4
31-40	5
41 OR GREATER	6

TREE REPLACEMENT CALCULATIONS

	Total DBH of Removed Trees: 175"	Total diameter of tree(s) to be removed (sum of inches at DBH)	Total number of replacement trees required (2" DBH minimum each, 6' minimum spread, 12' minimum height)	OR	Total number of replacement trees required (4" DBH minimum each, 8' minimum spread, 16' minimum height)	Contribution to Tree Trust Fund
175" - 60" =	115"	49"-60"	20	or	10	\$20,000.00
115" - 60" =	55"	49"-60"	20	or	10	\$20,000.00
55" - 55" =	0"	49"-60"	20	or	10	\$20,000.00
TOTAL			60	or	30	

60 2" DBH REPLACEMENT TREES = 120" DBH REQUIRED



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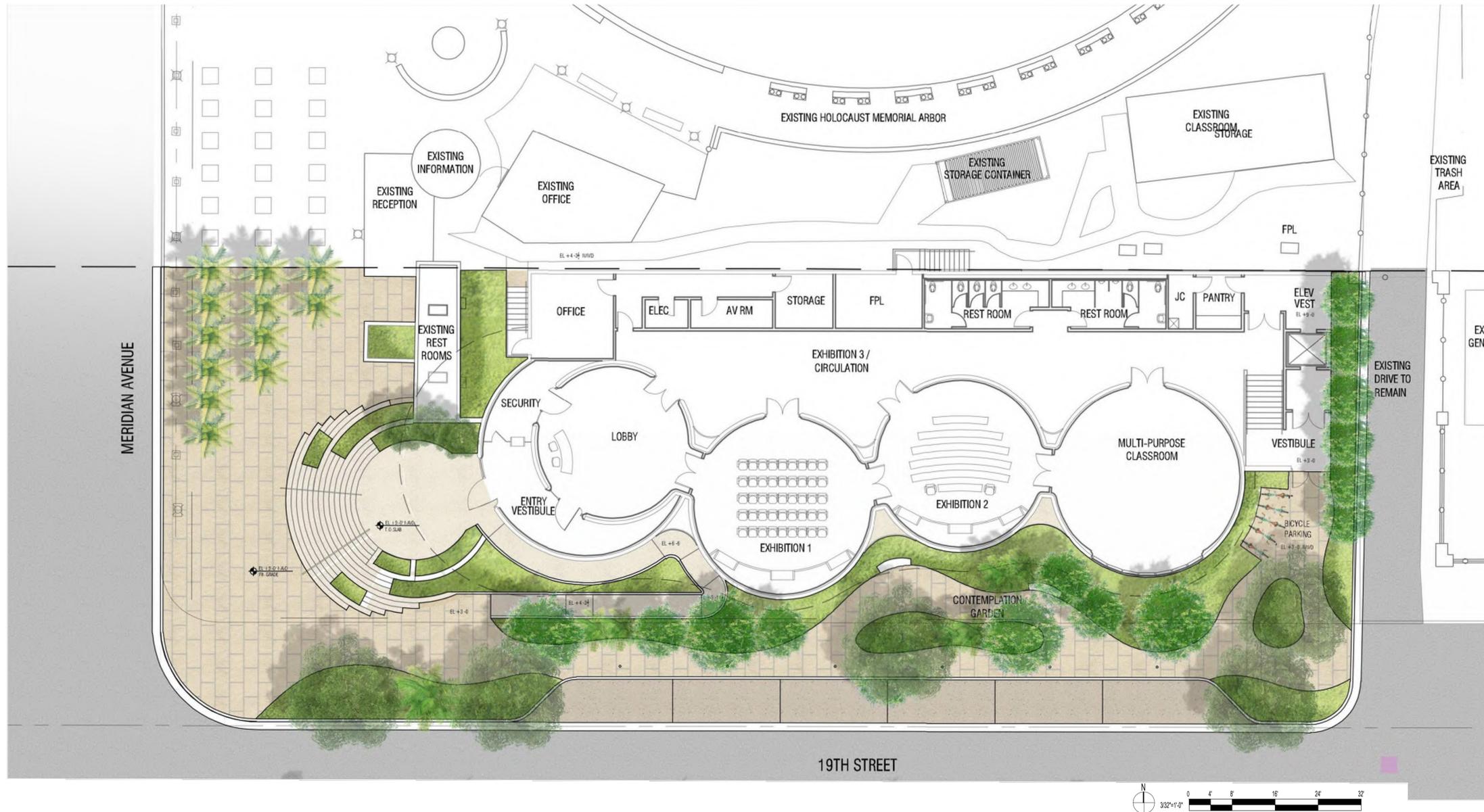
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TREE MITIGATION
PLAN
L1-01

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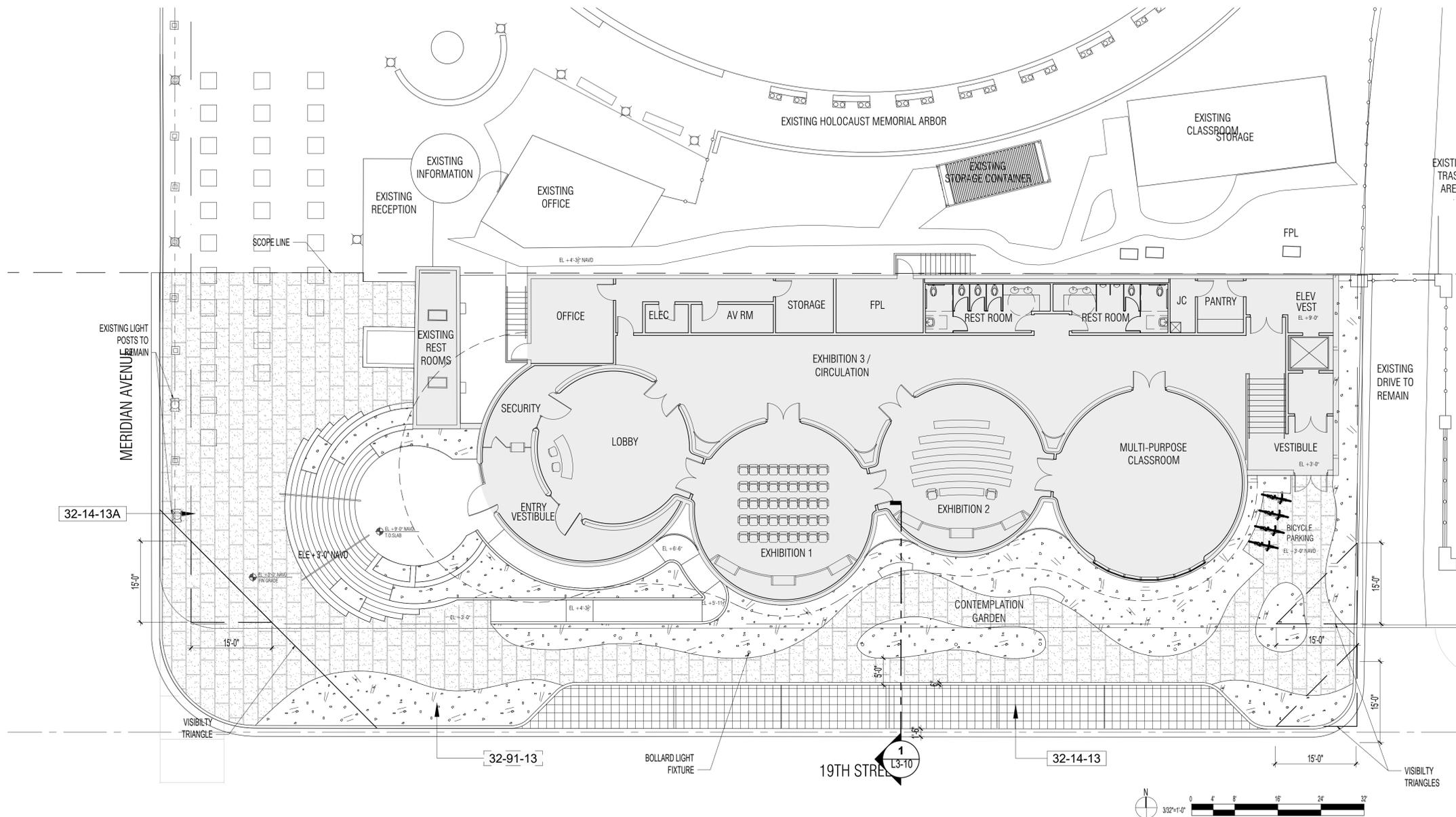
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GROUND LEVEL
RENDERED PLAN

L1-10

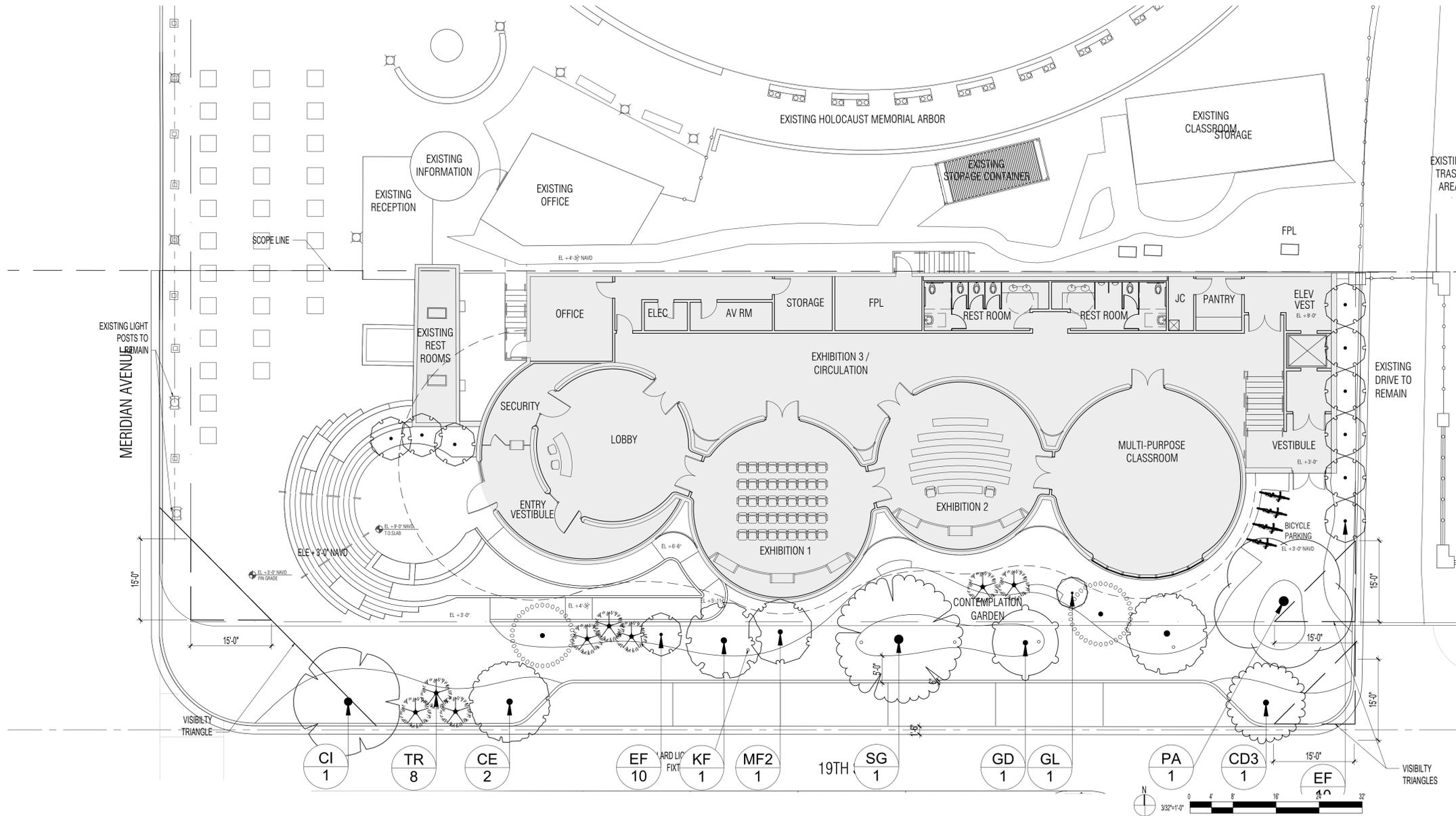
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GROUND LEVEL HARDSCAPE SCHEDULE		
SYMBOL	DESCRIPTION	QTY
32 EXTERIOR IMPROVEMENTS		
32-14-13	ITEM: Vehicular Rated Precast Concrete Unit Pavers APPLICATION: Street Parking	1,030 sf
32-14-13A	ITEM: Pedestrian Rated Concrete Unit Pavers APPLICATION: Walkways, Sidewalks TYPE: To Match Existing Jerusalem Stone Pavers	5,043 sf
32-91-13	ITEM: Mulching APPLICATION: Planting Beds TYPE: Mini Pine Bark Nuggets	5,282 sf



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GROUND LEVEL TREE SCHEDULE

TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	HEIGHT	SPREAD	CALIPER	CLEAR TRUNK	NATIVE	DROUGHT TOL.
	CI	1	Calophyllum inophyllum	Brazilian Beauty Leaf	20'	10'	6"	5'	No	Yes
	CD3	1	Coccoloba diversifolia	Pigeon Plum	14'	7'	3"	4'	Yes	Yes
	CE	2	Conocarpus erectus	Green Buttonwood	14'	7'	3"	4'	Yes	Yes
	CS	2	Conocarpus erectus 'Sericeus'	Silver Buttonwood	12'	6'	2" min	4' min.	Yes	Yes
	GD	1	Guapira discolor	Blolly	14'	7'	3"	4'	Yes	Yes
	KF	1	Krugiodendron ferreum	Black Ironwood	14'	7'	3"	4'	Yes	Yes

	MF2	1	Myrcianthes fragrans	Simpson's Stopper	12'	6'		4"	Yes	Yes
	PA	1	Pachira aquatica	Money Tree	24'	12'	8"	6'	No	Yes
	SG	1	Simarouba glauca	Paradise Tree	24'	12'	8"	6'	Yes	Yes
	TR	8	Thrinax radiata	Florida Thatch Palm	8' GW				Yes	Yes
	EF	10	Eugenia foetida	Spanish Stopper	8'	4'	2"	MT	Yes	Yes
	GL	1	Gymnanthes lucida	Crabwood	6'	3'	1"	MT	Yes	Yes



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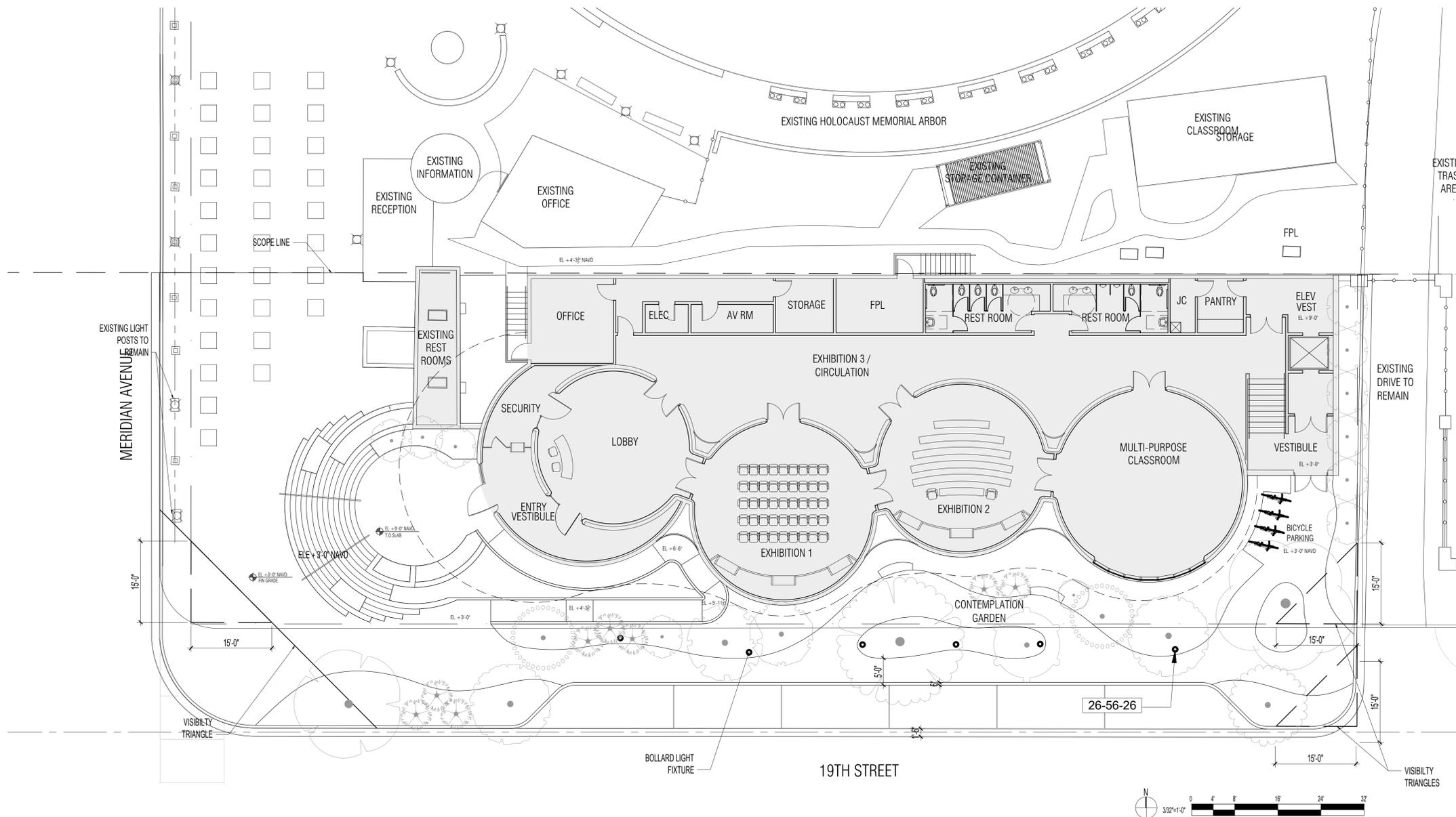
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GROUND LEVEL
TREE PLAN
L1-12



GROUND LEVEL LIGHTING SCHEDULE		
SYMBOL	DESCRIPTION	QTY
26-56-26	ITEM: Landscape Lighting TYPE: Bollard APPLICATION: SIDEWALK MANUFACTURER: TBD PRODUCT: TBD TEMPERATURE: TBD FINISH: TBD	6



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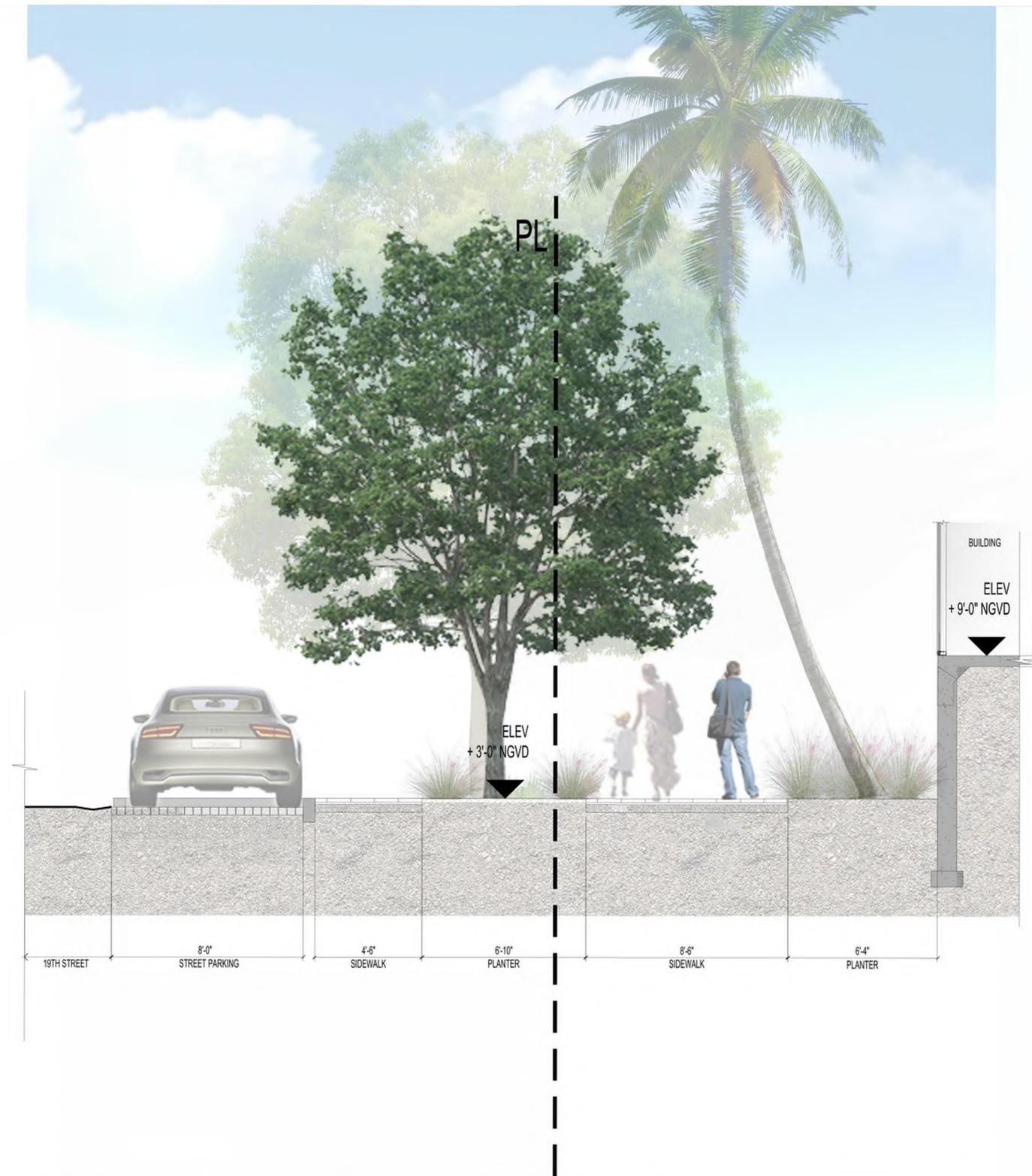
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GROUND LEVEL
LIGHTING PLAN

L1-14

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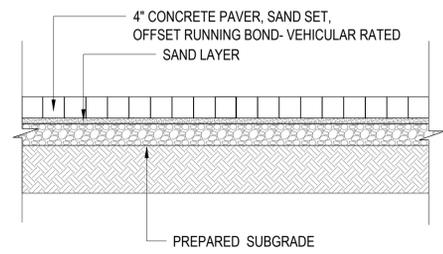


① 19TH STREET RENDERED SECTION
SCALE: 3/8"=1'-0"

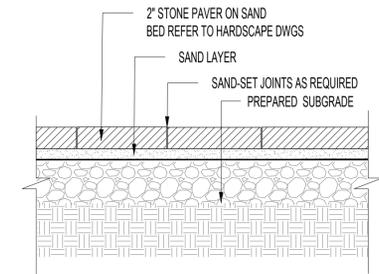


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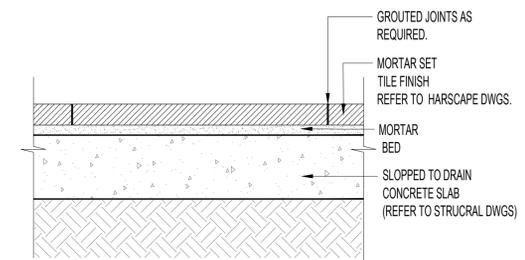
NOTE:
VEHICULAR RATED PAVERS IN PUBLIC R.O.W
CONSTRUCTION AS PER FDOT REQUIREMENTS



① VEHICULAR PAVERS
SCALE: 3/4" = 1'-0"



② PEDESTRIAN PAVERS
SCALE: 1/2" = 1'-0"



③ TILE ON DECK
SCALE: 1/2" = 1'-0"



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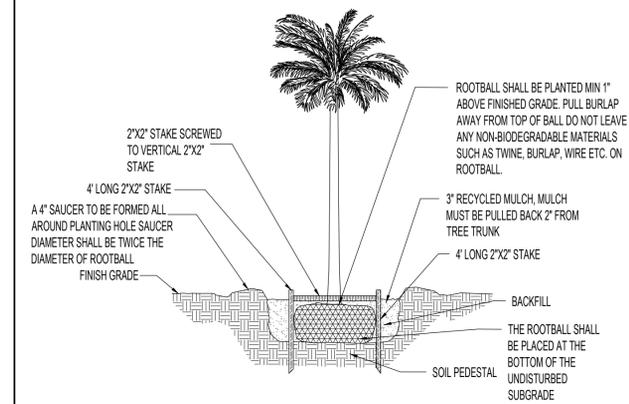
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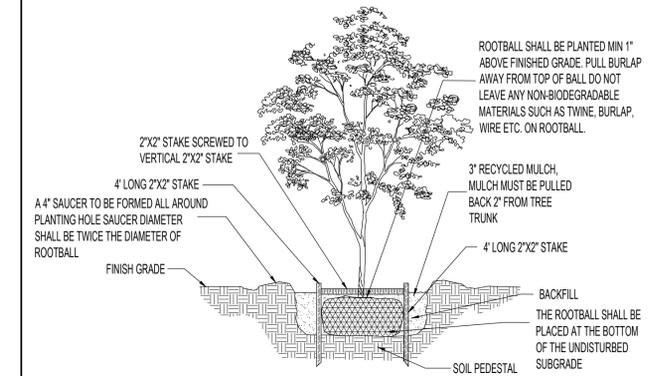
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GROUND LEVEL
HARDSCAPE DETAILS

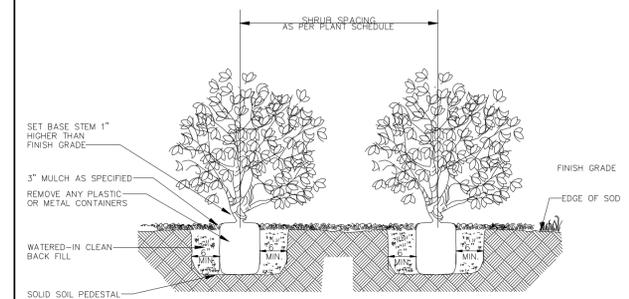
L5-10



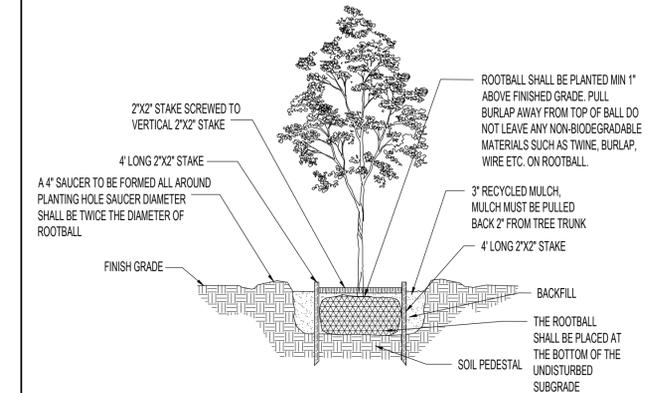
4 PALM PLANTING DETAIL
SCALE: NTS



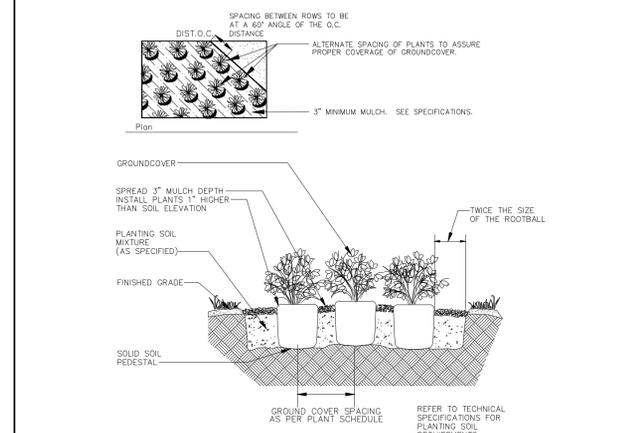
1 SMALL TREE PLANTING DETAIL
SCALE: NTS



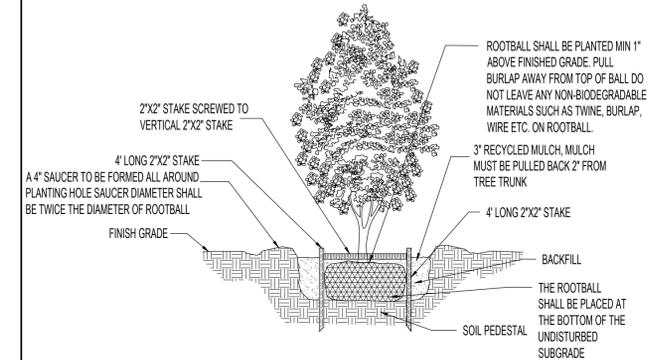
5 SHRUBS PLANTING DETAIL
SCALE: NTS



2 SINGLE TRUNK TREE PLANTING DETAIL
SCALE: NTS



6 GROUND COVER PLANTING DETAIL
SCALE: NTS



3 MULTI TRUNK TREE PLANTING DETAIL
SCALE: NTS



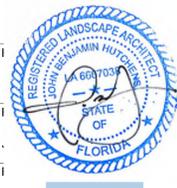
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TREE DISPOSITION SCHEDULE

TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	DBH	H/CT	CANOPY	CONDITION	TPZ	DISPOSITION
	001	1	Pseudophoenix sargentii	Buccaneer Palm	0	3'	6'	Good	4'	Remain
	002	1	Pseudophoenix sargentii	Buccaneer Palm	11"	10'	10'	Good	4'	Remain
	003	1	Pseudophoenix sargentii	Buccaneer Palm	9"	10'	10'	Good	4'	Remain
	004	1	Pseudophoenix sargentii	Buccaneer Palm	8"	8'	10'	Good	4'	Remain
	005	1	Pseudophoenix sargentii	Buccaneer Palm	9"	9'	3'	Poor	4'	Remain
	006	1	Pseudophoenix sargentii	Buccaneer Palm	9"	8'	9'	Poor	4'	Remain
	007	1	Pseudophoenix sargentii	Buccaneer Palm	0	1'	9'	Good	4'	Remain
	008	1	Pseudophoenix sargentii	Buccaneer Palm	0	3'	8'	Good	4'	Remain
	009	1	Pseudophoenix sargentii	Buccaneer Palm	8"	8'	10'	Good	4'	Remain
	010	1	Pseudophoenix sargentii	Buccaneer Palm	0	3'	10'	Good	4'	Remain
	011	1	Pseudophoenix sargentii	Buccaneer Palm	0	2'	10'	Good	4'	Remain
	012	1	Pseudophoenix sargentii	Buccaneer Palm	7"	6'	9'	Good	4'	Remain
	013	1	Pseudophoenix sargentii	Buccaneer Palm	9"	9'	8"	Poor	4'	Remain
	014	1	Pseudophoenix sargentii	Buccaneer Palm	0	3'	3'	Poor	4'	Remain
	015	1	Pseudophoenix sargentii	Buccaneer Palm	0	4'	10'	Good	4'	Remain
	016	1	Pseudophoenix sargentii	Buccaneer Palm	7"	9'	12'	Good	4'	Remain
	017	1	Pseudophoenix sargentii	Buccaneer Palm	0	3'	10'	Good	4'	Remain
	018	1	Pseudophoenix sargentii	Buccaneer Palm	0	3'	8'	Poor	4'	Remain
	019	1	Pseudophoenix sargentii	Buccaneer Palm	9"	8'	5'	Poor	4'	Remain
	020	1	Pseudophoenix sargentii	Buccaneer Palm	0	3'	10'	Good	4'	Remain
	021	1	Pseudophoenix sargentii	Buccaneer Palm	0	3'	8'	Good	4'	Remain
	022	1	Pseudophoenix sargentii	Buccaneer Palm	0	3'	8'	Good	4'	Remain
	023	1	Pseudophoenix sargentii	Buccaneer Palm	4"	5'	10'	Moderate	4'	Remain
	024	1	Pseudophoenix sargentii	Buccaneer Palm	6"	6'	10'	Good	4'	Remain
	025	1	Pseudophoenix sargentii	Buccaneer Palm	7"	6'	10'	Good	4'	Remain
	026	1	Pseudophoenix sargentii	Buccaneer Palm	0	3'	12'	Good	4'	Remain
	027	1	Pseudophoenix sargentii	Buccaneer Palm	6"	8'	10'	Good	4'	Remain

	028	1	Pseudophoenix sargentii	Buccaneer Palm	6"	5'	9'	Good	4'	Remain
	029	1	Pseudophoenix sargentii	Buccaneer Palm	0	2'	8'	Good	4'	Remain
	030	1	Pseudophoenix sargentii	Buccaneer Palm	8"	7'	12'	Good	4'	Remain
	031	1	Pseudophoenix sargentii	Buccaneer Palm	0	4'	10'	Good	4'	Remain
	032	1	Pseudophoenix sargentii	Buccaneer Palm	7"	7"	10'	Good	4'	Remain
	033	1	Pseudophoenix sargentii	Buccaneer Palm	7"	7'	10'	Good	4'	Remain
	034	1	Pseudophoenix sargentii	Buccaneer Palm	5"	7'	8'	Good	4'	Remain
	035	1	Pseudophoenix sargentii	Buccaneer Palm	8"	6'	8'	Moderate	4'	Remain
	036	1	Pseudophoenix sargentii	Buccaneer Palm	6"	6'	8'	Good	4'	Remain
	037	1	Pseudophoenix sargentii	Buccaneer Palm	6"	5'	8"	Good	4'	Remain
	038	1	Pseudophoenix sargentii	Buccaneer Palm	6"	5'	10'	Good	4'	Remain
	039	1	Pseudophoenix sargentii	Buccaneer Palm	0	2'	10'	Good	4'	Remain
	040	1	Pseudophoenix sargentii	Buccaneer Palm	0	4'	10'	Good	4'	Remain
	041	1	Pseudophoenix sargentii	Buccaneer Palm	0	2'	5'	Good	4'	Remain
	042	1	Pseudophoenix sargentii	Buccaneer Palm	7"	7'	8'	Good	4'	Remain
	043	1	Pseudophoenix sargentii	Buccaneer Palm	0	5'	8'	Good	4'	Remain
	044	1	Pseudophoenix sargentii	Buccaneer Palm	7"	5'	10'	Good	4'	Remain
	045	1	Pseudophoenix sargentii	Buccaneer Palm	0	3'	9'	Good	4'	Remain
	046	1	Swietenia Mahagoni	Mahogany	33"	30'	40'	Poor	18'	Remove
	047	1	Swietenia Mahagoni	Mahogany	41"	30'	50'	Poor	18'	Remove
	048	1	Swietenia Mahagoni	Mahogany	16"	35'	30'	Poor	15'	Remove
	049	1	Swietenia Mahagoni	Mahogany	34"	45'	50'	Poor	18'	Remove
	050	1	Ptychosperma elegans	Solitaire Palm	3"	25'	7'	Good	18'	Remain
	072	1	Adansonia digitata	Baobab	79"	70'	65'	Moderate	18'	Remain
	073	1	Ptychosperma elegans	Solitaire Palm	4"	23'	14'	Good	4'	Remain
	074	1	Dypsis lutescens	Areca Palm	54"	20'	35'	Moderate	4'	Remove
	075	1	Ptychosperma elegans	Solitaire Palm	3"	24'	14'	Good	4'	Remain
	076	1	Dypsis lutescens	Areca Palm	10"	14'	26'	Good	4'	Remain

	077	1	Dypsis lutescens	Areca Palm	24"	22'	28'	Moderate	4'	Remove
	078	1	Dypsis lutescens	Areca Palm	59"	23'	28'	Moderate	4'	Remove
	079	1	Ptychosperma elegans	Solitaire Palm	4"	30'	14'	Good	4'	Remain
	079A	1	Swietenia Mahagoni	Mahogany	17"	60'	65'	Poor	15'	Remove
	080	1	Quercus laurifolia	Laurel-leaved Oak	10"	30'	25'	Poor	10'	Remove
	082	1	Ptychosperma elegans	Solitaire Palm	4"	28'	16'	Good	4'	Remain
	083	1	Livistona chinensis	Chinese Fan Palm	8"	14'	20'	Good	4'	Remain
	084	1	Arenga Species	Arenga	0	2'	14'	Moderate	4'	Remain
	085	1	Ptychosperma elegans	Solitaire Palm	3"	27'	14'	Good	4'	Remove
	086	1	Caryota mitis	Fishtail Palm	12"	6'	14'	Poor	4'	Remove
	087	1	Dypsis lutescens	Areca Palm	38"	20'	18'	Moderate	4'	Remove
	088	1	Livistona chinensis	Chinese Fan Palm	9"	28'	24'	Good	4'	Remain
	089	1	Livistona chinensis	Chinese Fan Palm	8"	22'	24'	Good	4'	Remain
	090	1	Adansonia digitata	Baobab	79"	90'	65'	Good	18'	Remain
	091	1	Veitchia montgomeryana	Montgomery Palm	8"	35'	18'	Good	4'	Remain
	092	1	Dypsis lutescens	Areca Palm	7"	13'	22'	Moderate	4'	Remove
	093	1	Ptychosperma elegans	Solitaire Palm	3"	23'	6'	Good	4'	Remain
	094	1	Dypsis lutescens	Areca Palm	21"	11'	14'	Moderate	4'	Remove
	095	1	Dypsis lutescens	Areca Palm	85"	23'	28'	Moderate	4'	Remove
	096	1	Ptychosperma elegans	Solitaire Palm	3"	22'	14'	Good	4'	Remain
	097	1	Ptychosperma elegans	Solitaire Palm	3"	20'	14'	Good	10'	Remain
	098	1	Swietenia Mahagoni	Mahogany	19"	70'	45'	Moderate	18'	Remain



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NOTE: REFER TO SHEET L1-00 FOR TREE DISPOSITION PLAN

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TREE DISPOSITION
SCHEDULE
L6-00

	099	1	Ptychosperma elegans	Solaire Palm	3"	23'	14'	Good	4'	Remain
	100	1	Ptychosperma elegans	Solaire Palm	3"	22'	14'	Good	4'	Remain
	101	1	Dypsis lutescens	Areca Palm	12"	20'	14'	Moderate	4'	Remove
	102	1	Dypsis lutescens	Areca Palm	32"	28'	18'	Moderate	4'	Remove
	103	1	Dypsis lutescens	Areca Palm	22"	20'	14'	Moderate	4'	Remove
	104	1	Ptychosperma elegans	Solaire Palm	3"	14'	8'	Moderate	4'	Remain
	105	1	Ptychosperma elegans	Solaire Palm	4"	14'	18'	Moderate	4'	Remain
	106	1	Adansonia digitata	Baobab	39"	60'	40'	Good	18'	Remain
	107	1	Ptychosperma elegans	Solaire Palm	3"	22'	14'	Good	4'	Remain
	107A	1	Polyscias balfouriana	Balfour Aralia	19"	15'	18'	Moderate	6'	Remain
	108	1	Swietenia Mahagoni	Mahogany	10"	40'	55'	Good	15'	Remain
	109	1	Dypsis lutescens	Areca Palm	54"	14'	26'	Moderate	4'	Remove
	110	1	Dypsis lutescens	Areca Palm	26"	16'	26'	Poor	4'	Remove
	111	1	Adansonia digitata	Baobab	74"	90'	45'	Good	18'	Remain
	112	1	Ptychosperma elegans	Solaire Palm	4"	26'	16'	Good	4'	Remain
	113	1	Swietenia mahagoni	Mahogany	17"	45'	45'	Moderate	18'	Remain
	114	1	Dypsis lutescens	Areca Palm	42"	14'	28'	Moderate	4'	Remove
	114A	1	Dypsis lutescens	Areca Palm	21"	14'	18'	Moderate	4'	Remove
	115	1	Ptychosperma elegans	Solaire Palm	3"	25'	7'	Good	4'	Remain
	116	1	Ptychosperma elegans	Solaire Palm 2x tks	6"	22'	16'	Good	4'	Remain
	117	1	Ptychosperma elegans	Solaire Palm 3tks	9"	22'	14'	Good	4'	Remain
	118	1	Ptychosperma elegans	Solaire Palm 3 tks	8"	24'	14'	Good	4'	Remain
	119	1	Ptychosperma elegans	Solaire Palm 2tks	6"	23'	8'	Good	4'	Remain
	120	1	Syagrus romanzoffiana	Queen Palm	9"	22'	20'	Good	4'	Remain
	121	1	Roystonea regia	Royal Palm	7"	14'	16'	Poor	4'	Remove
	121A	1	Ptychosperma macarthurii	Macarthur Palm	10"	6'	18'	Good	4'	Remove
	122	1	Roystonea regia	Royal Palm	14"	40'	18'	Poor	5'	Remove
	123	1	Carpentaria acuminata	Carpentaria Palm	7"	25'	18'	Good	4'	Remain
	124	1	Carpentaria acuminata	Carpentaria Palm	6"	25'	14'	Good	4'	Remain

NOTE: REFER TO SHEET L1-00 FOR TREE DISPOSITION PLAN

	125	1	Carpentaria acuminata	Carpentaria Palm	5"	25'	16'	Good	4'	Remain
	126	1	Pseudophoenix sargentii	Buccaneer Palm	11"	10'	12'	Good	4'	Remain
	127	1	Ptychosperma elegans	Solaire Palm	4"	15'	12'	Good	4'	Remain
	128	1	Pseudophoenix sargentii	Buccaneer Palm	12"	11'	13'	Good	4'	Remain
	129	1	Howea forsteriana	Kentia Palm	6"	13'	12'	Good	4'	Remain
	130	1	Ptychosperma elegans	Solaire Palm	3"	28'	12'	Good	4'	Remain
	131	1	Ptychosperma elegans	Solaire Palm	2"	11'	8'	Good	4'	Remain
	132	1	Ptychosperma elegans	Solaire Palm	2"	12'	7'	Good	4'	Remain
	133	1	Carpentaria acuminata	Carpentaria Palm	5"	26'	16'	Good	4'	Remain
	134	1	Ptychosperma elegans	Solaire Palm	3"	28'	12'	Good	4'	Remain
	135	1	Ptychosperma elegans	Solaire Palm	4"	26'	12'	Good	4'	Remain
	136	1	Ptychosperma elegans	Solaire Palm	3"	22'	12'	Good	4'	Remain
	137	1	Ptychosperma elegans	Solaire Palm	4"	26'	12'	Good	4'	Remain
	138	1	Ptychosperma elegans	Solaire Palm 2ks	4"	27'	12'	Good	4'	Remain
	139	1	Ptychosperma elegans	Solaire Palm 3tks	6"	26'	12'	Good	4'	Remain
	140	1	Ptychosperma elegans	Solaire Palm	4"	23'	10'	Good	4'	Remain
	141	1	Ptychosperma elegans	Solaire Palm	3"	20'	10'	Good	4'	Remain
	A	1	Dypsis lutescens	Areca Palm	92"	12'	14'	Good	4'	Remove
	B	1	Dypsis lutescens	Areca Palm	30"	10'	12'	Good	4'	Remove
	C	1	Dypsis lutescens	Areca Palm	28"	9'	10'	Good	4'	Remove
	D	1	Dypsis lutescens	Areca Palm	27"	12'	8'	Good	4'	Remove
	E	1	Dypsis lutescens	Areca Palm	27"	14'	8'	Good	4'	Remove
	F	1	Dypsis lutescens	Areca Palm	23"	10'	8'	Good	4'	Remove
	G	1	Dypsis lutescens	Areca Palm	27"	12'	8'	Good	4'	Remove
	H	1	Dypsis lutescens	Areca Palm	93"	18'	14'	Good	4'	Remove
	I	1	Dypsis lutescens	Areca Palm	20"	9'	10'	Good	10'	Remove
TOTAL DBH (IN INCHES) REMOVED									175"	



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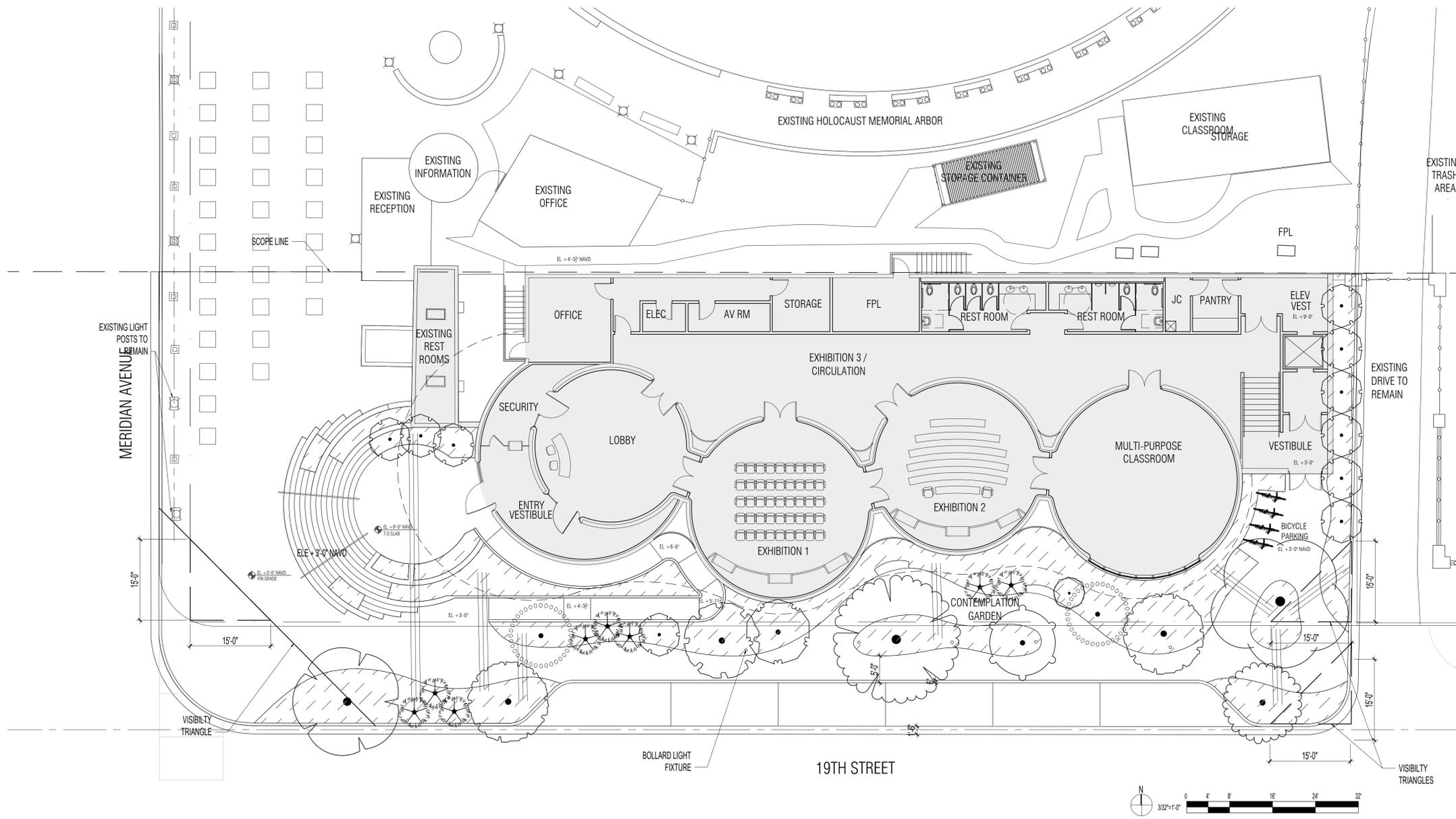
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GROUND LEVEL
IRRIGATION PLAN

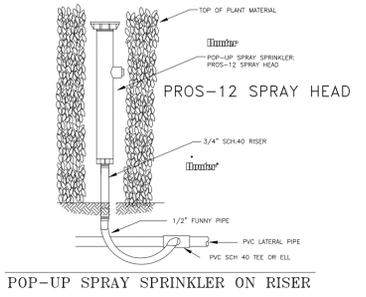
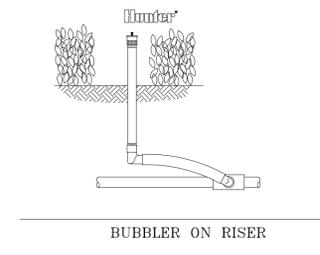
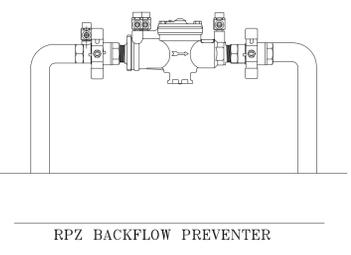
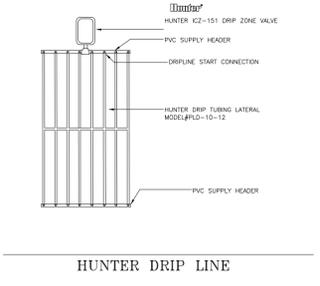
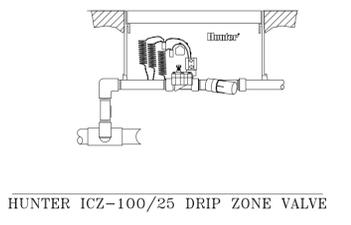
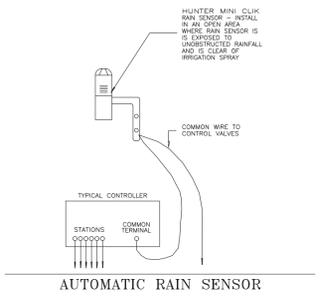
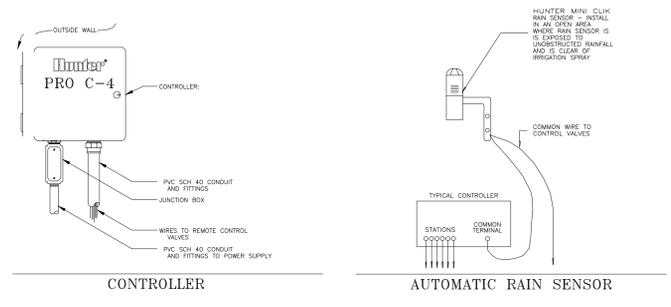
IR1-10

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IRRIGATION_SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	Hunter ICZ-151-XL-40 (2) Drip Control Zone Kit. 1-1/2" ICV Globe Valve with 1" HY100 filter system. Pressure Regulation: 40psi. Flow Range: 20 GPM to 60 GPM. 120 mesh stainless steel screen. 1-1/2" inlet x single 2" outlet
	Area to Receive Dripline Hunter PLD-10-12 (12) In-Line Pressure Compensating Landscape Dripline with Built-In Check Valve. 1.0GPH emitters at 12.0" O.C. Dripline laterals spaced at 12.0" apart, with emitters offset for triangular pattern. UV Resistant.

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	Febco 825Y (2) 1-1/2" Reduced Pressure Backflow Preventer
	Hunter PC-400 with (01) PCM-300 (2) Light Commercial & Residential Controller, 7-station expanded module controller, 120 VAC, Outdoor model
	Hunter PC-400 with (01) PCM-300 (2) Light Commercial & Residential Controller, 7-station expanded module controller, 120 VAC, Outdoor model
	Hunter MINI-CLIK (2) Rain Sensor, mount as noted
	Point of Connection 1-1/2" 1.5" CONNECTION FROM GROUND FLOOR
	Point of Connection 1-1/2" 1.5" CONNECTION FROM GROUND FLOOR
	2" SS = SLAB SLEEVE
	Irrigation Lateral Line: PVC Schedule 40
	Irrigation Mainline: PVC Schedule 40 PVC Schedule 40 irrigation pipe.
	Pipe Sleeve: PVC Schedule 40
	Valve Callout
	Valve Number
	Valve Flow
	Valve Size



GENERAL NOTES

- Pipe sizes shall conform to those shown on the drawings. No substitutions of smaller pipe sizes shall be permitted, but substitutions of larger sizes may be approved. All damaged and rejected pipe shall be removed from the site at the time of said rejection.
- All mainline, lateral line and control wire conduit under paving shall be installed in separate sleeves. Sleeves shall be a minimum of twice (2X) the diameter of the pipe to be sleeved.
- Install all backflow prevention devices and all piping between the point of connection and the backflow preventer as per local codes.
- Final location of the backflow preventer and automatic controller shall be approved by the owner's authorized representative.
- 120 VAC electrical power source at controller location shall be provided by others. The electrical contractor shall make the final connection from the electrical source to the controller.
- All sprinkler heads shall be set perpendicular to finish grade unless otherwise specified.
- The irrigation contractor shall flush and adjust all sprinkler heads and valves for optimum spray with minimal overspray onto walks, streets, walls, etc.
- This design is diagrammatic. All piping, valves, etc., shown within paved areas is for design clarification only and shall be installed in planting areas wherever possible. The contractor shall locate all valves in shrub areas where possible.
- It is the responsibility of the irrigation contractor to familiarize himself with all grade differences, location of walls, retaining walls, structures and utilities. The irrigation contractor shall repair or replace all items damaged by his work. He shall coordinate his work with other contractors for the location and installation of pipe sleeves through walls, under roadways and paving, etc.
- Do not willingly install the sprinkler system as shown on the drawings when it is obvious in the field that unknown obstructions, grade differences or differences in the area dimensions exist that might not have been considered in the engineering. Such obstructions or differences should be brought to the attention of the owner's authorized representative. In the event this notification is not performed, the irrigation contractor shall assume full responsibility for any revisions necessary.
- All sprinkler equipment not otherwise detailed or specified shall be installed as per manufacturer's recommendations and specifications.
- The irrigation contractor shall install check valves on all heads in areas where finish grade exceeds 4:1, where post valve shut-off draining, of the irrigation head occurs or as directed by the owner's authorized representative.
- The contractor shall provide 1800 PCS (pressure compensating screens) as necessary to reduce or eliminate overspray onto streets, walks or other areas as directed by the owner's authorized representative.
- All control wires shall be installed in PVC conduit.
- All remote control valves, gate valves, quick couplers, control wire and computer cable pull points shall be installed in approved valves boxes with covers.
- The installation devices are to be guaranteed for the period of (1) year from the date of final acceptance.



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GROUND LEVEL
IRRIGATION DETAILS
IR5-10

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