

# THE EDUCATION CENTER AT THE HOLOCAUST MEMORIAL MIAMI BEACH

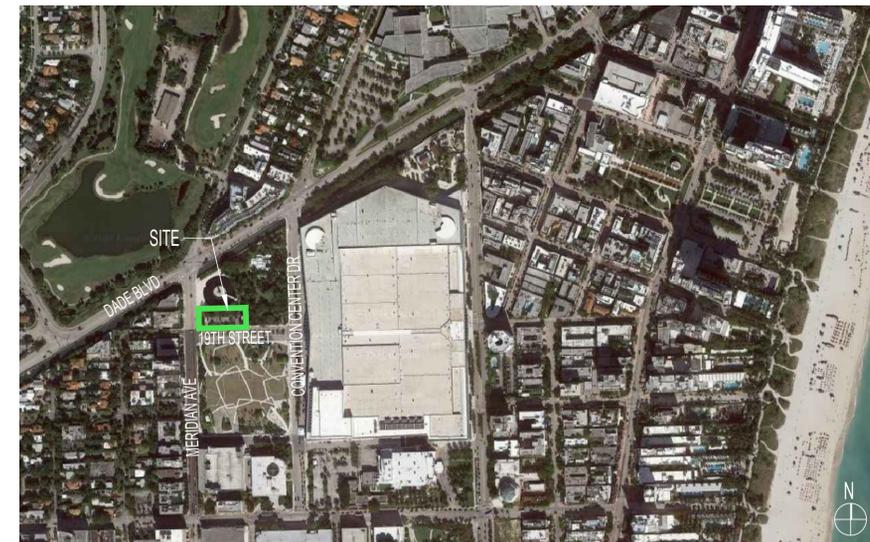
1933-1945 MERIDIAN AVENUE  
MIAMI BEACH, FL 33139

## DESIGN REVIEW BOARD-LANDSCAPE SUBMISSION

### ARQUITECTONICA GEO LANDSCAPE ARCHITECTS

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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  
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.

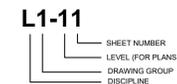
11. Crown pruning of any trees or palms is generally not approved by the national arborist association standards. When it is approved, it must be done in writing.

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



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## THE EDUCATION CENTER AT THE HOLOCAUST MEMORIAL CENTER - DRB SUBMITTAL

### 1933-1945 Meridian Avenue, Miami Beach, Fl 33139

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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							

**OPEN SPACE**

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>
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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>
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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>
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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>
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**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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LANDSCAPE  
CALCULATIONS

**L0-02**

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 MUHLY



*SABAL MINOR*  
DWARF SABAL PALMETTO



VEHICULAR CONCRETE PAVERS  
TO MATCH THE EXISTING ON MERIDIAN AVE



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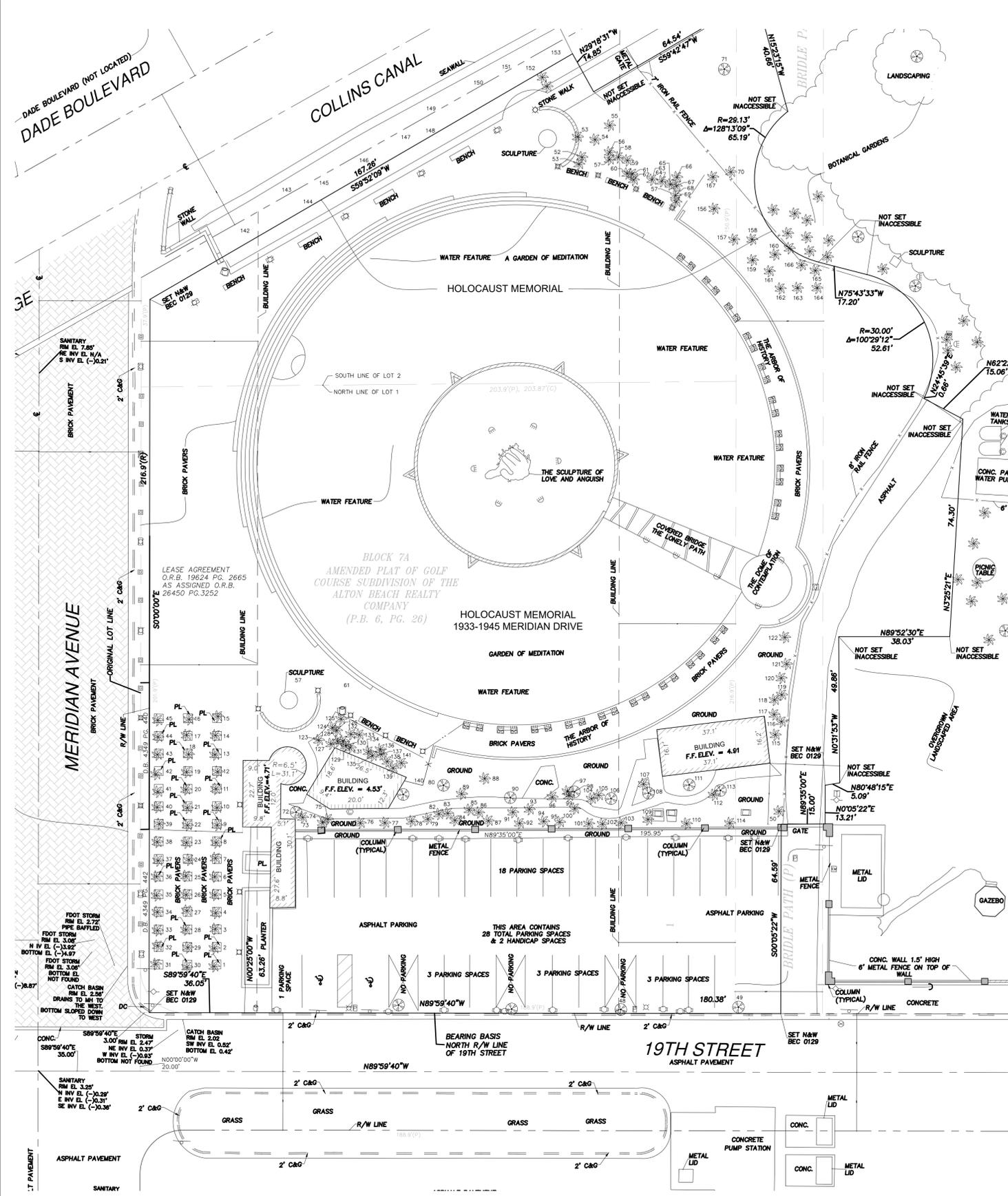
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LANDSCAPE  
IMAGES

**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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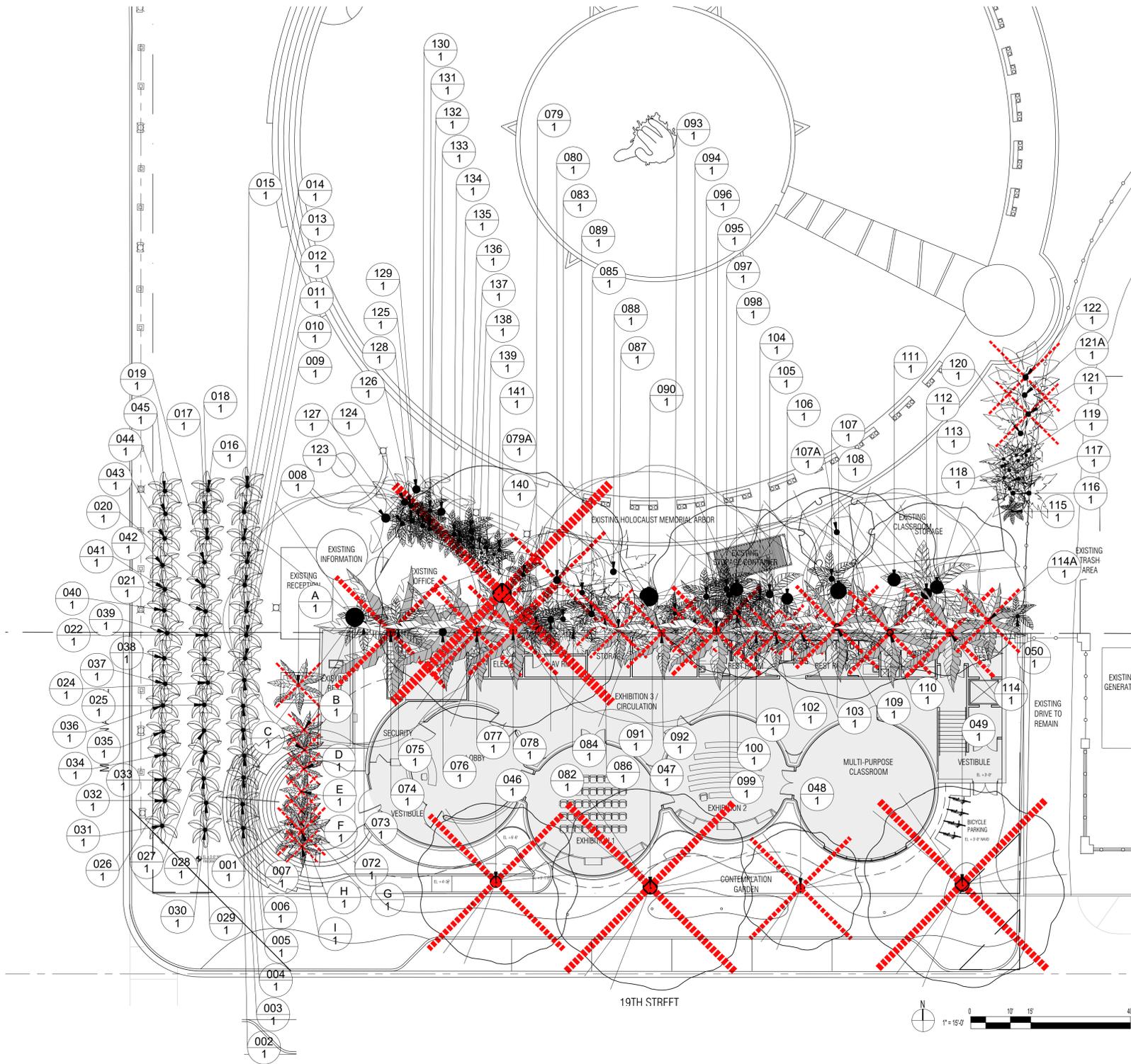
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TREE  
SURVEY  
**LO-04**

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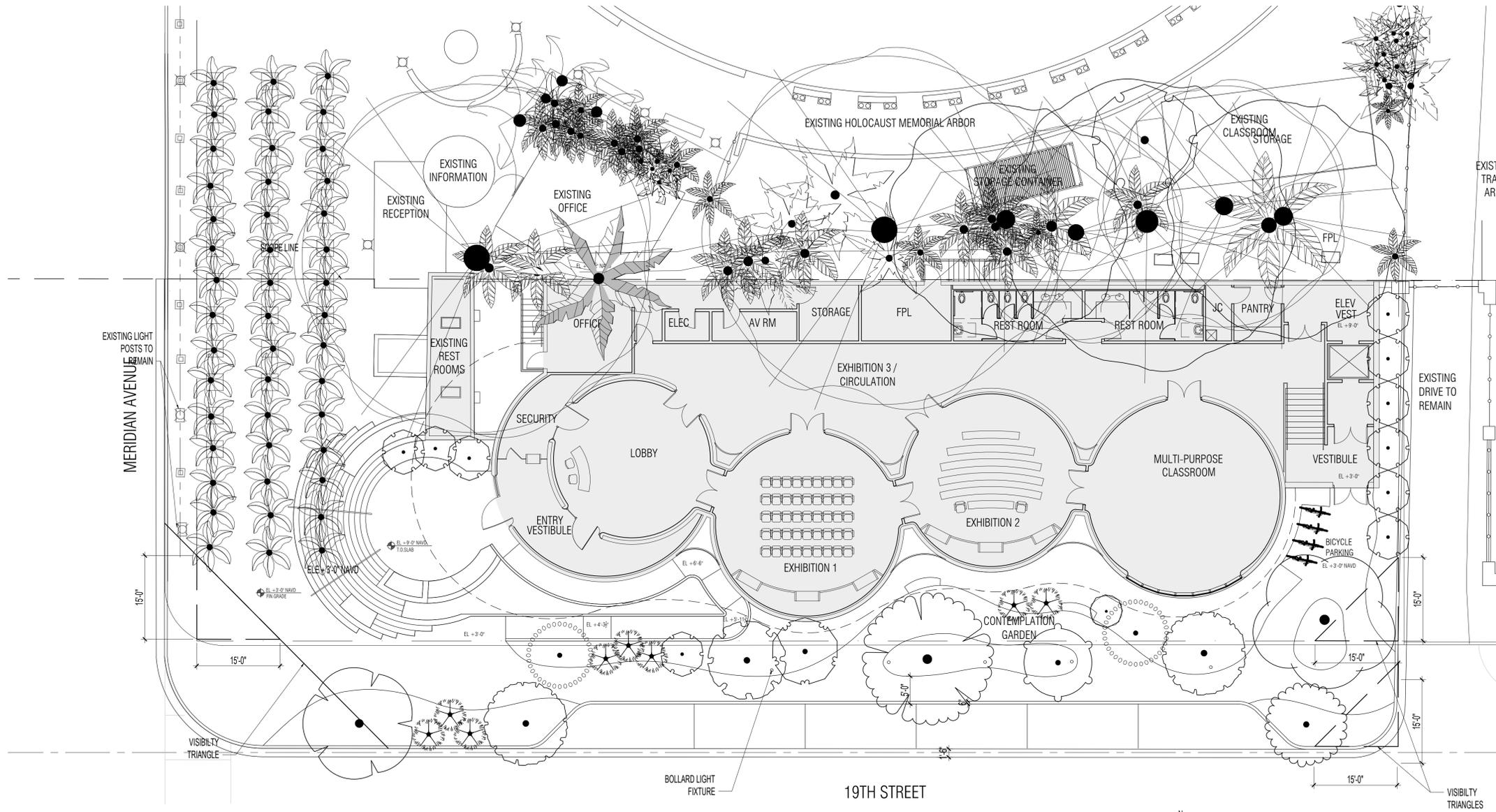
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TREE DISPOSITION  
PLAN  
**L1-00**

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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:	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
<b>TOTAL</b>			<b>60</b>	<b>or</b>	<b>30</b>	

60 2" DBH REPLACEMENT TREES = 120" DBH REQUIRED



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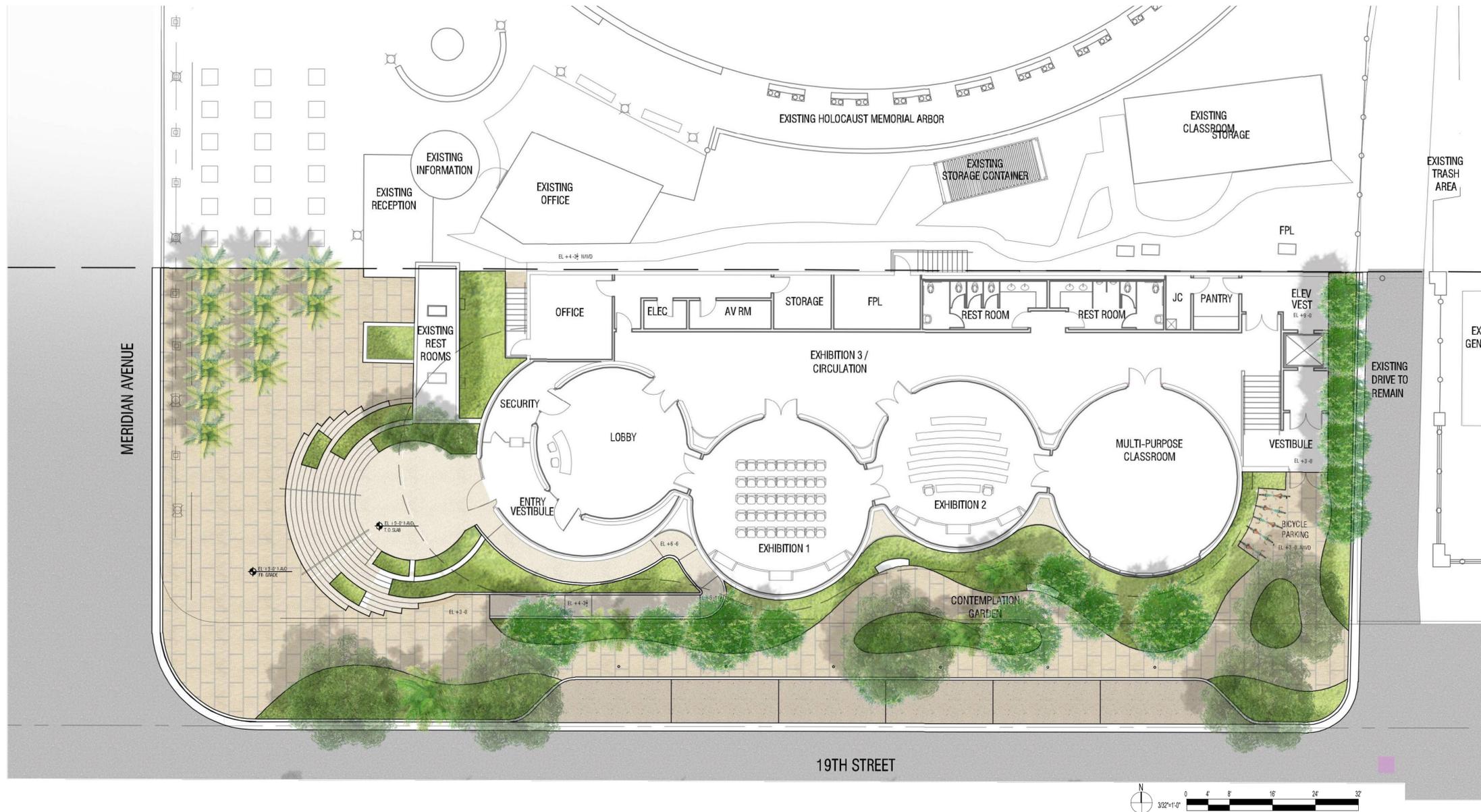
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TREE MITIGATION  
PLAN

**L1-01**



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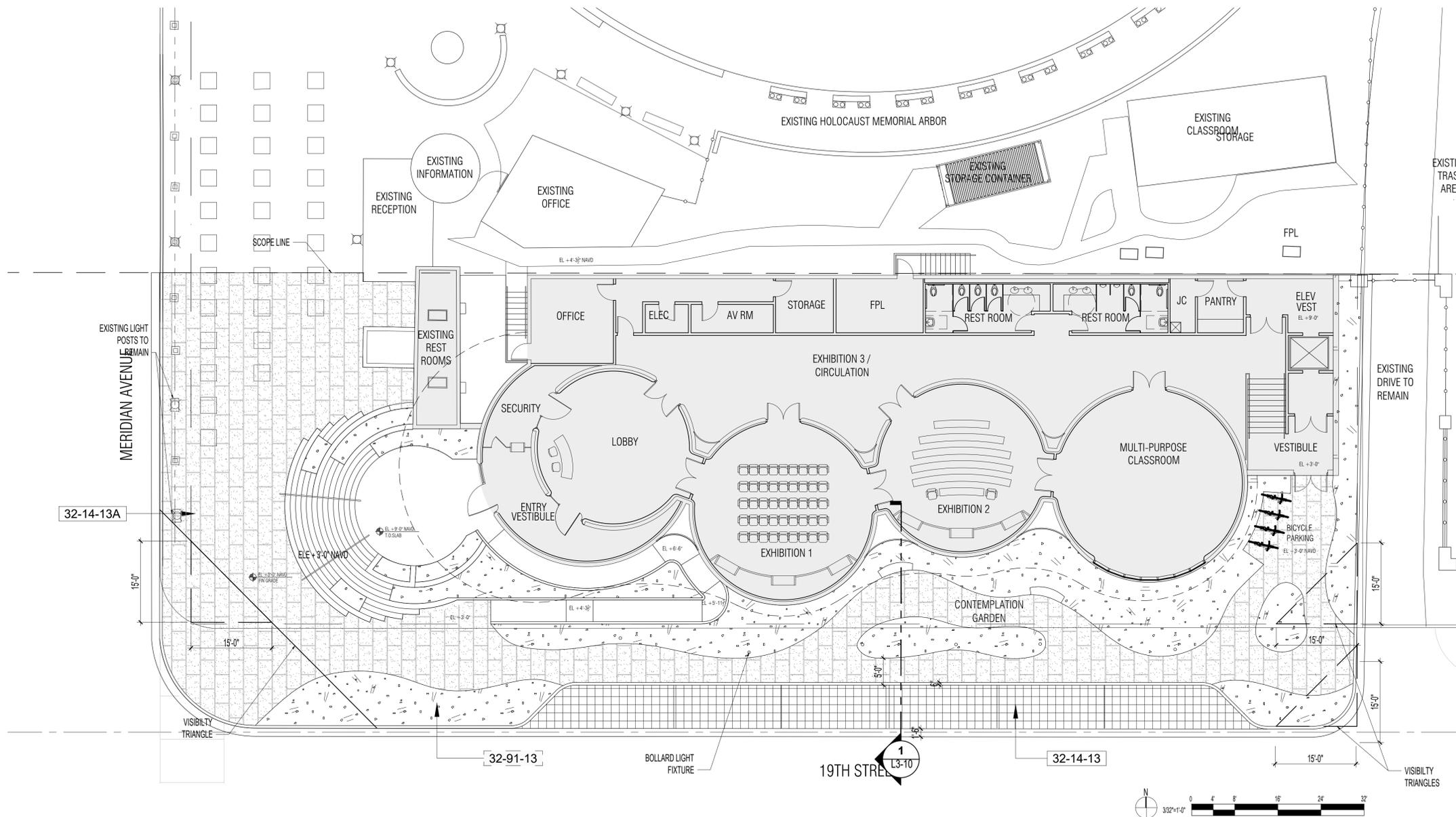
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GROUND LEVEL  
RENDERED PLAN

**L1-10**



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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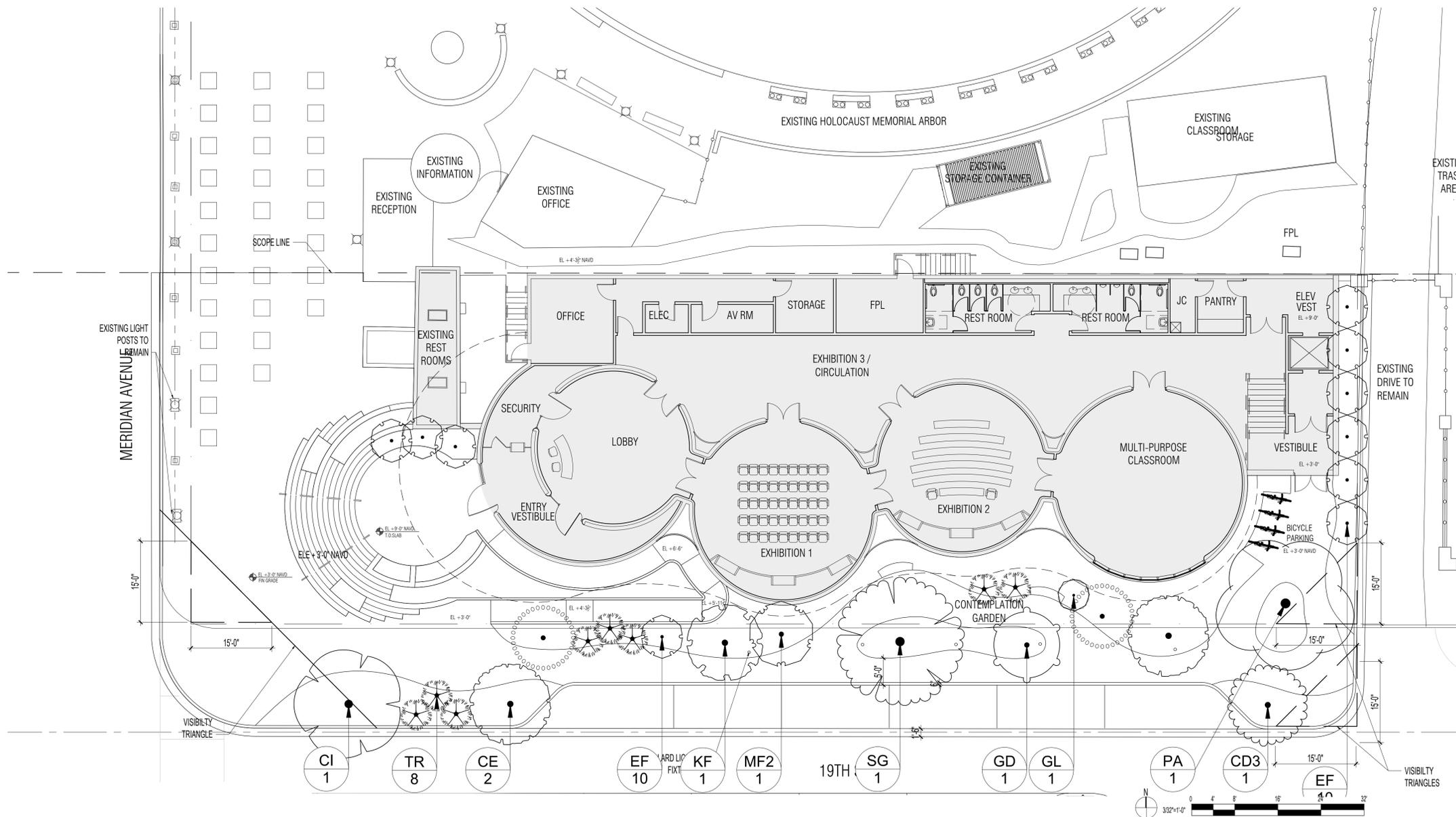
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GROUND LEVEL  
HARDSCAPE PLAN

**L1-11**

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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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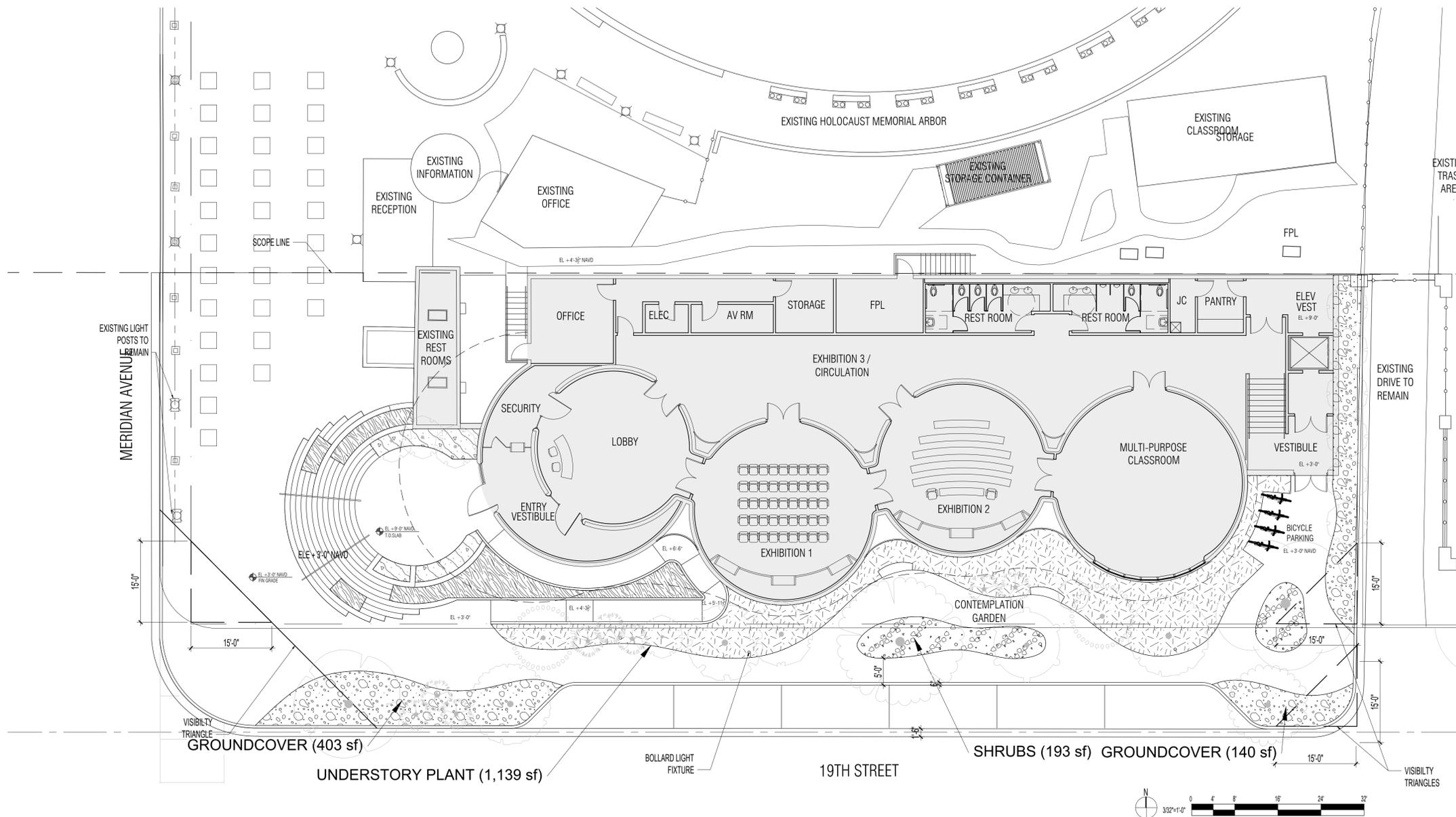
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GROUND LEVEL  
TREE PLAN  
**L1-12**



**CONCEPT PLANT SCHEDULE OVERALL**

	GRASSES Muhlenbergia capillaris - pink muhlygrass	306 sf
	HANGING VINES Ernodea littoralis - Golden Creeper	140 sf
	SHRUBS Hymenocallis angustifolia - spiderlily	2,333 sf
	UNDERSTORY PLANT Sabal Minor - Dwarf Sabal Palmetto	1,656 sf
	GROUNDCOVER Clusia rosea 'Nana' - Dwarf clusia	849 sf



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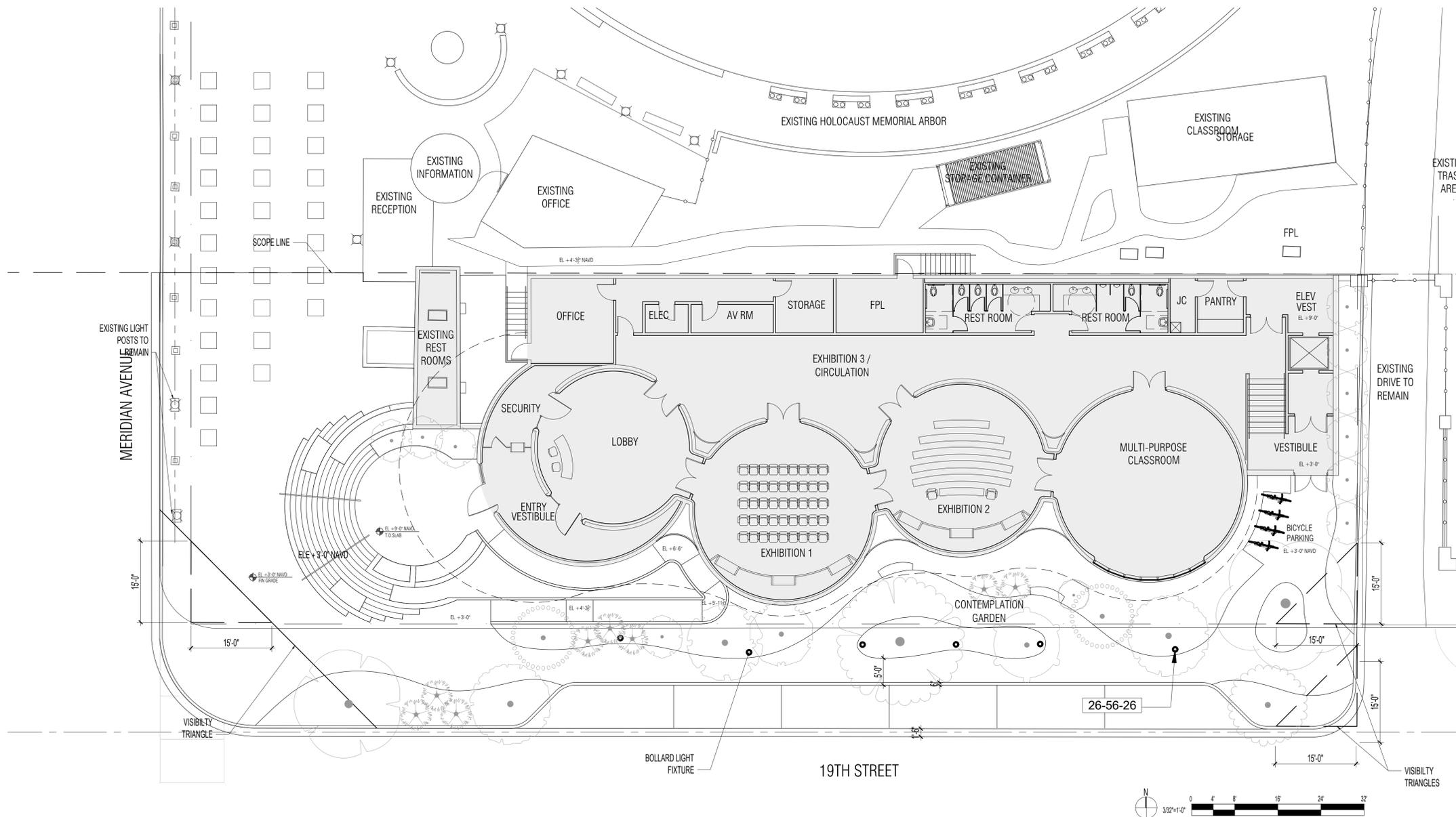
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**L1-13**

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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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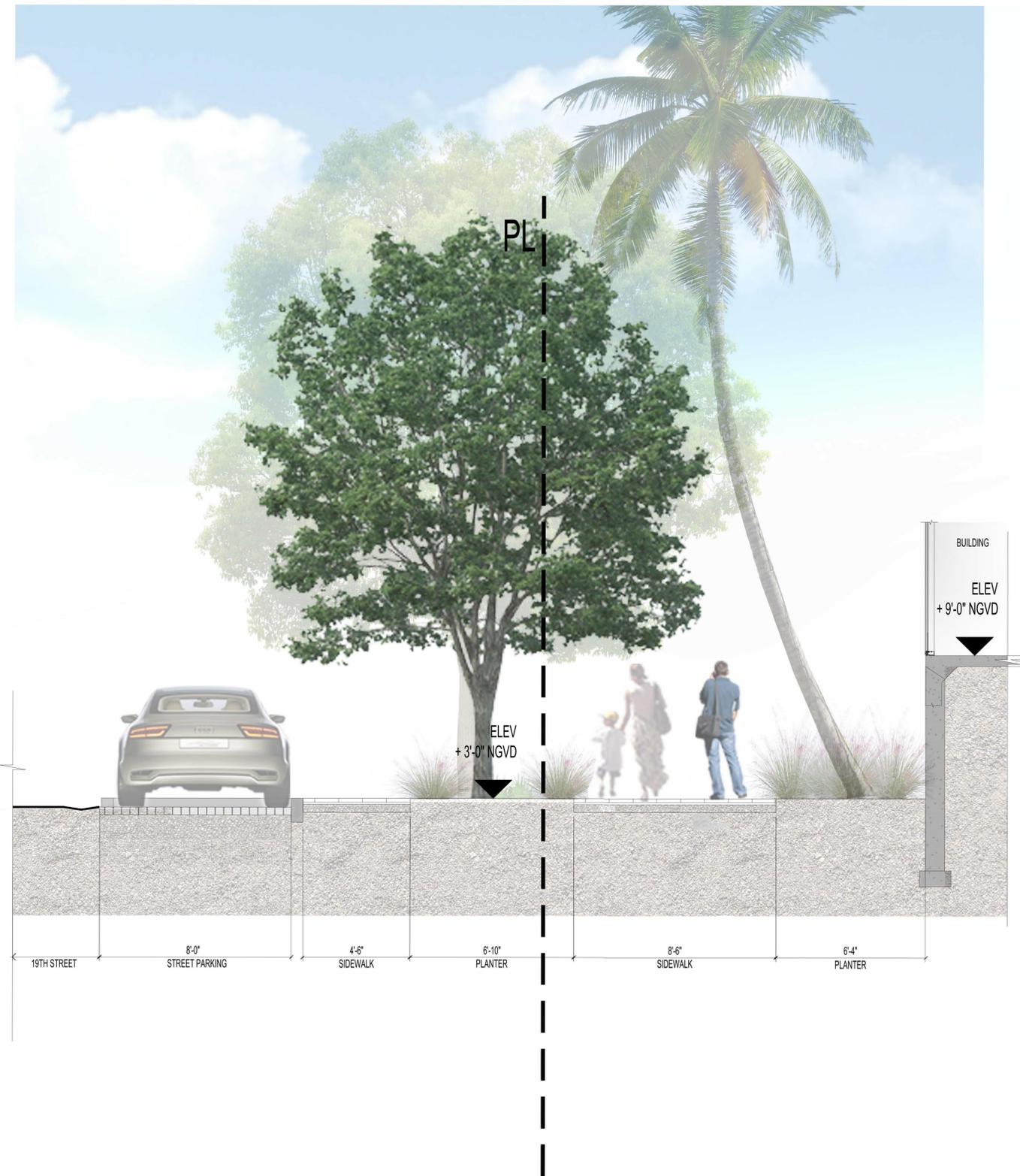
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GROUND LEVEL  
LIGHTING PLAN

**L1-14**

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



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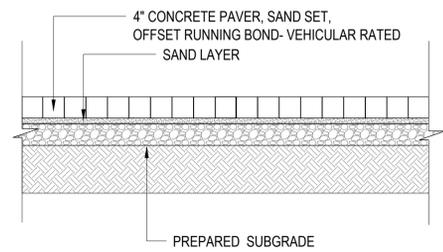
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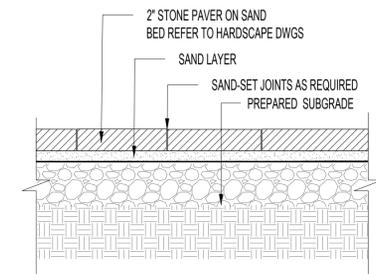
19TH STREET  
RENDERED SECTION  
**L3-10**

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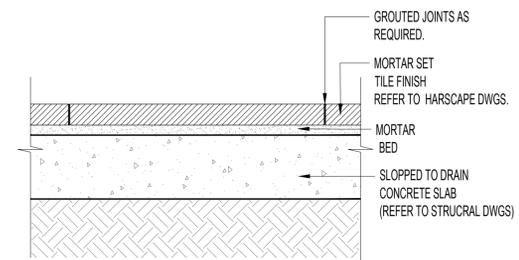
NOTE:  
VEHICULAR RATED PAVERS IN PUBLIC R.O.W  
CONSTRUCTION AS PER FDOT REQUIREMENTS



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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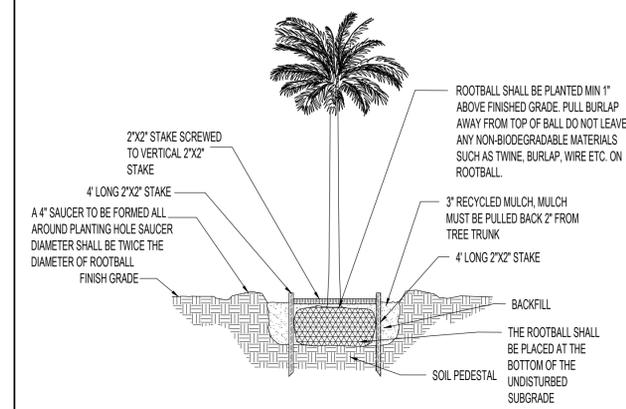
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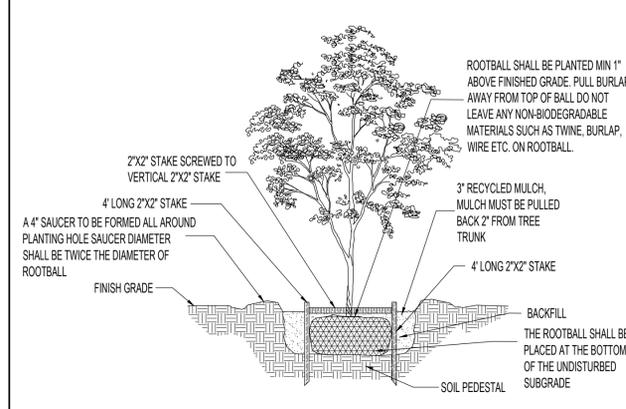
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GROUND LEVEL  
HARDSCAPE DETAILS

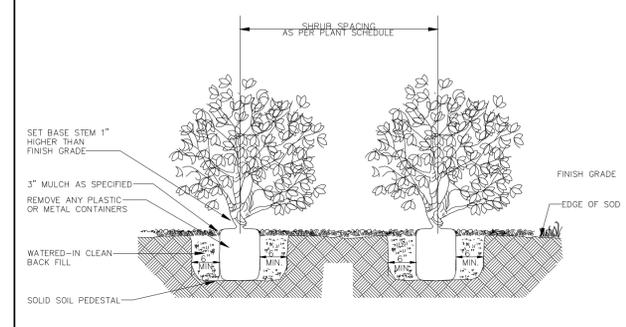
**L5-10**



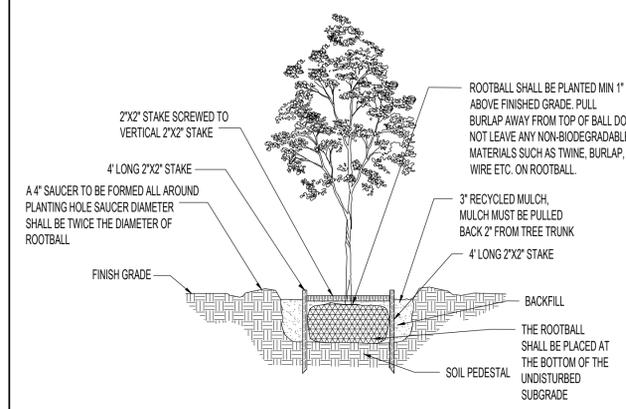
4 PALM PLANTING DETAIL  
SCALE: NTS



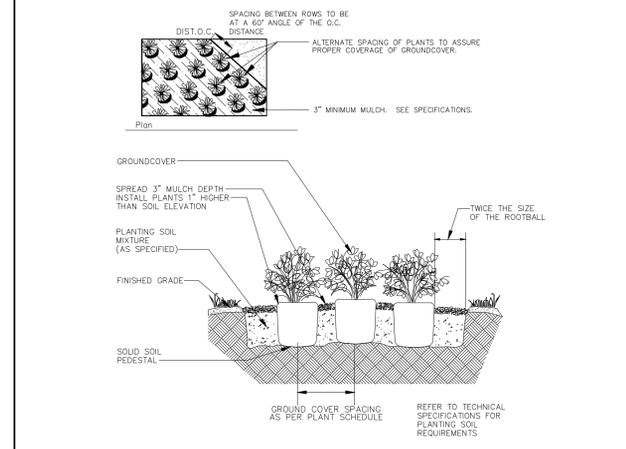
1 SMALL TREE PLANTING DETAIL  
SCALE: NTS



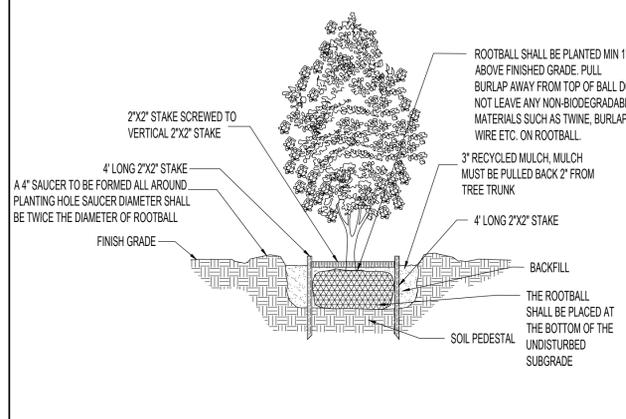
5 SHRUBS PLANTING DETAIL  
SCALE: NTS



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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1933-1945 Meridian Avenue, Miami Beach, FL 33139

DRAWING:  
SCALE:  
DATE: FEBRUARY  
14, 2022

GROUND LEVEL  
PLANTING DETAILS  
**L5-11**

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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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THE EDUCATION CENTER AT THE HOLOCAUST MEMORIAL CENTER - DRB SUBMITTAL

1933-1945 Meridian Avenue, Miami Beach, Fl 33139

DRAWING:  
SCALE:  
DATE: FEBRUARY  
14, 2022

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
<b>TOTAL DBH (IN INCHES) REMOVED</b>									<b>175"</b>	



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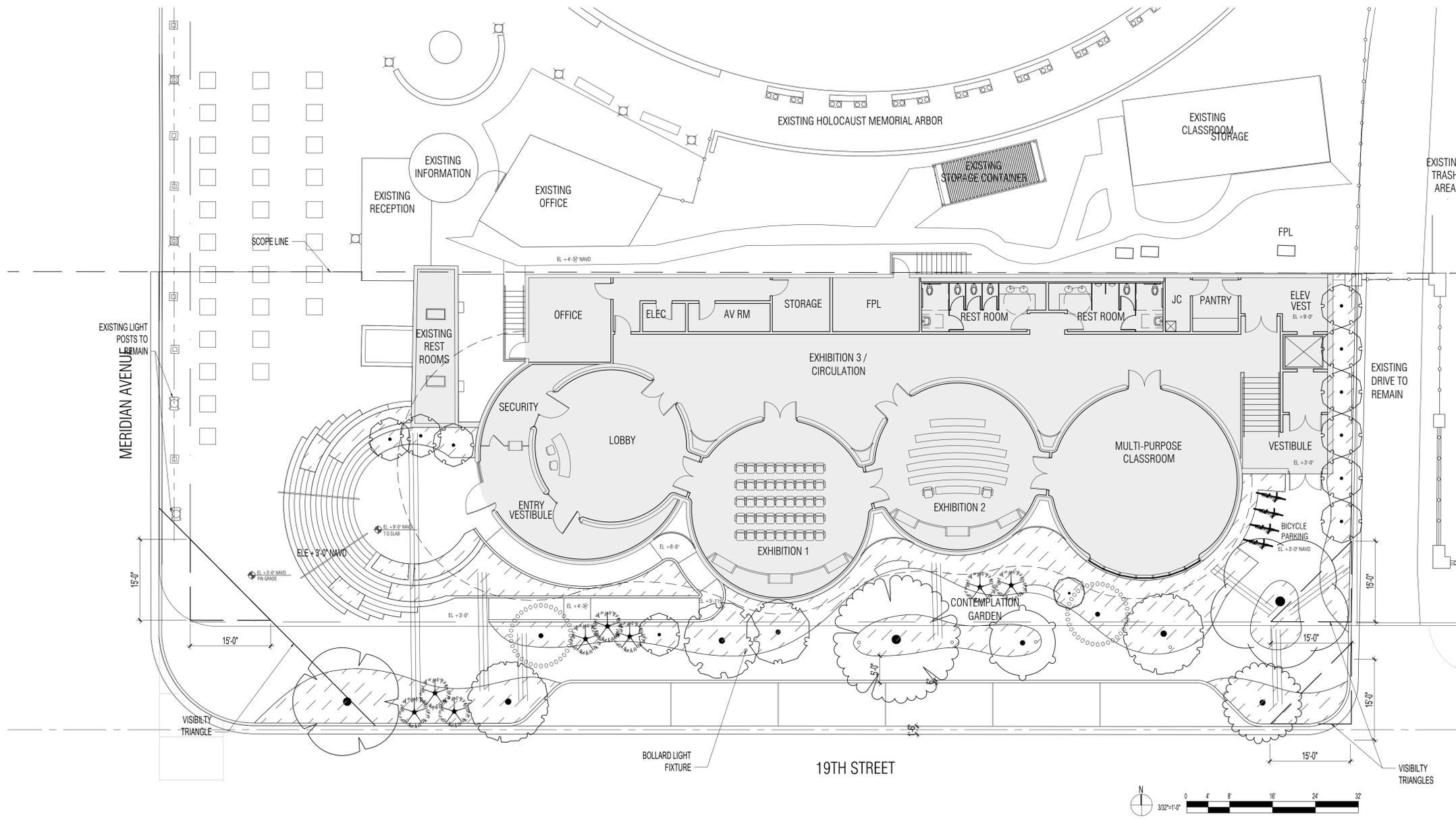
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TREE DISPOSITION  
SCHEDULE  
**L6-01**



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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.

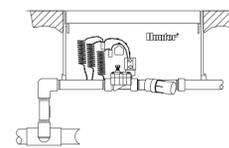
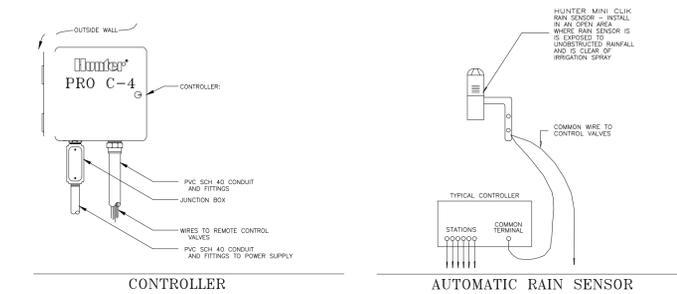
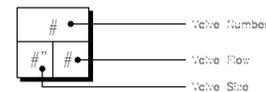
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	Febco 825Y (2) 1-1/2" Reduced Pressure Backflow Preventer
	Hunter PC-400 with (01) PCM-300 (2) Light Commercial & Residential Controller, 7-station expanded module controller, 120 VAC, Outdoor model
	Hunter PC-400 with (01) PCM-300 (2) Light Commercial & Residential 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

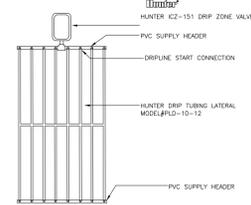
Irrigation Mainline: PVC Schedule 40  
PVC Schedule 40 irrigation pipe.

Pipe Sleeve: PVC Schedule 40

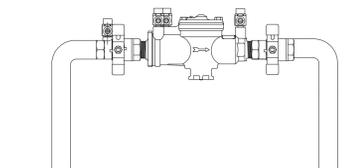
Valve Callout



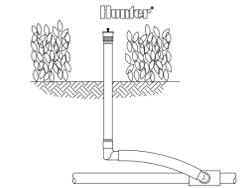
HUNTER ICZ-100/25 DRIP ZONE VALVE



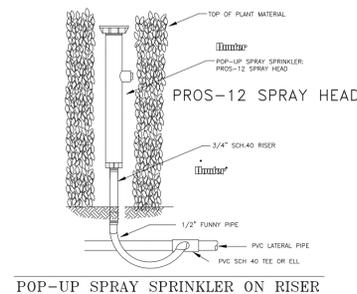
HUNTER DRIP LINE



RPZ BACKFLOW PREVENTER



BUBBLER ON RISER



POP-UP SPRAY SPRINKLER ON RISER

## 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.



SEAL/SIGNATURE/DATE:  
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DRAWING:  
SCALE:  
DATE: FEBRUARY  
14, 2022

GROUND LEVEL  
IRRIGATION DETAILS

**IR5-10**