

**GROUP** Landscape Arthitecture\*Planning\*Site Lighting
1820 2nd Ave North
Lake Worth, Florida 33416 (561) 688-9996 Fax (561) 688-9688 Email: ldg@langdesigngroup.com

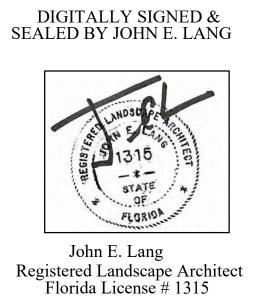


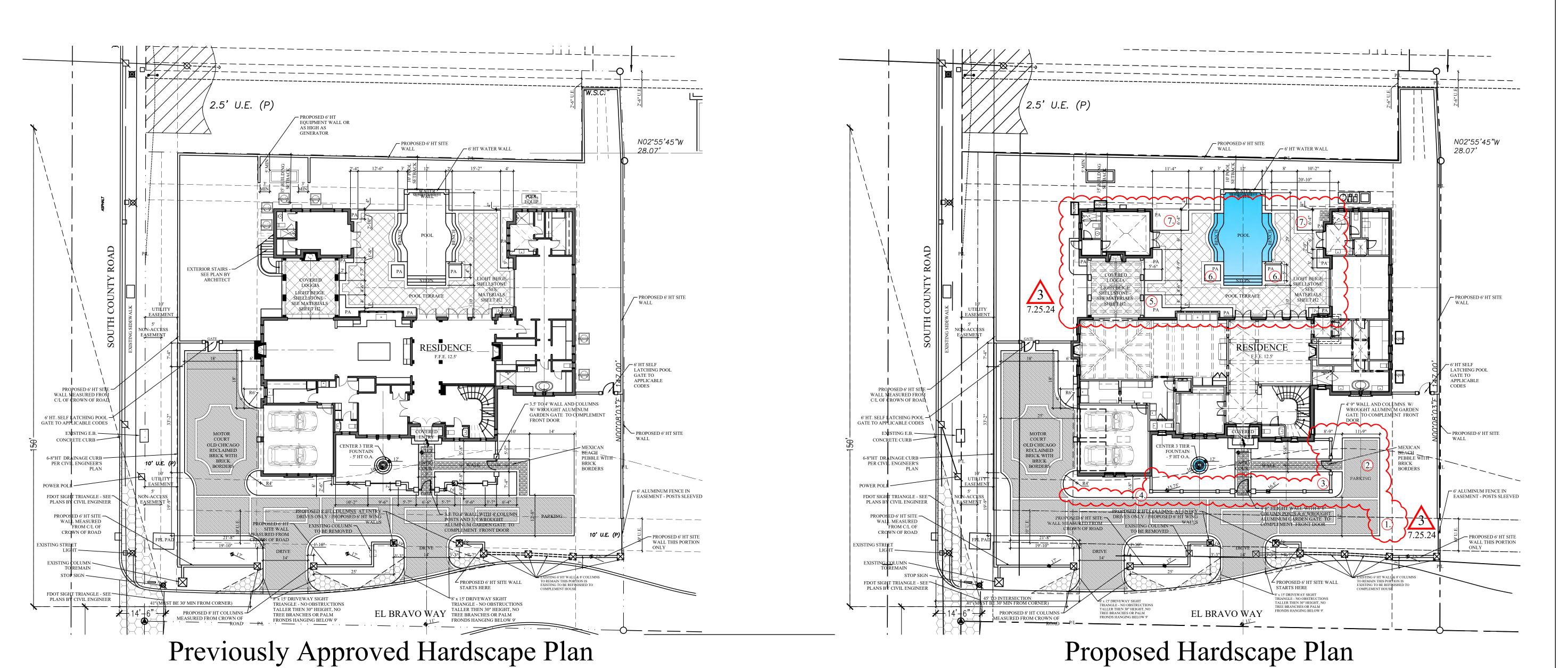
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SCALE
1/8"=1'0"

L-SITE





PREVIOUSLY APPROVED 2.11.2022

PROPOSED SITE CALCULATIONS: R-A ESTATE RESIDENTIAL DISTRICT OVERALL LOT GREENSPACE COVERAGE:

SITE - 20154 SQ. FT. BUILDING - 5034 SQ. FT. PATIO, DECK, DRIVE, WALKS, ETC - 4984 SQ FT TOTAL HARDSCAPE - 10018 SQ. FT. TOTAL GREENSPACE - 10136 SQ. FT. TOWN OF PALM BEACH REQUIREMENT = 50% OVERALL GREEN SPACE % PROVIDED = 50.2%



### CHANGE LOG NUMBERS FOR THIS SHEET ONLY

- 1. REDUCE LENGTH OF DRIVE 3' 5" 2. ADD SMALL PARKING SPACE
- 3. MOVE GARDEN WALL & GATES 4. NARROW DRIVE 9"
- 5. EXTEND WALK TO LOGGIA
- 6. ENLARGE PLANTING PITS 7. REDUCE POOL TERRACE



## PROPOSED 7.25.2024

SITE - 20154 SQ. FT.

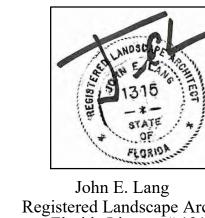
PROPOSED SITE CALCULATIONS: R-A ESTATE RESIDENTIAL DISTRICT OVERALL LOT GREENSPACE COVERAGE:

BUILDING - 5034 SQ. FT. PATIO, DECK, DRIVE, WALKS, ETC - 4975 SQ FT TOTAL HARDSCAPE - 10009 SQ. FT.

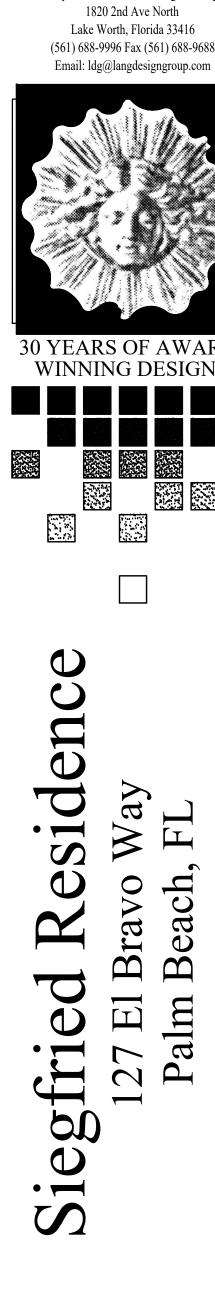
TOTAL GREENSPACE - 10145 SQ. FT. TOWN OF PALM BEACH REQUIREMENT = 50%

**OVERALL GREEN SPACE % PROVIDED = 50.33%** 

DIGITALLY SIGNED & SEALED BY JOHN E. LANG





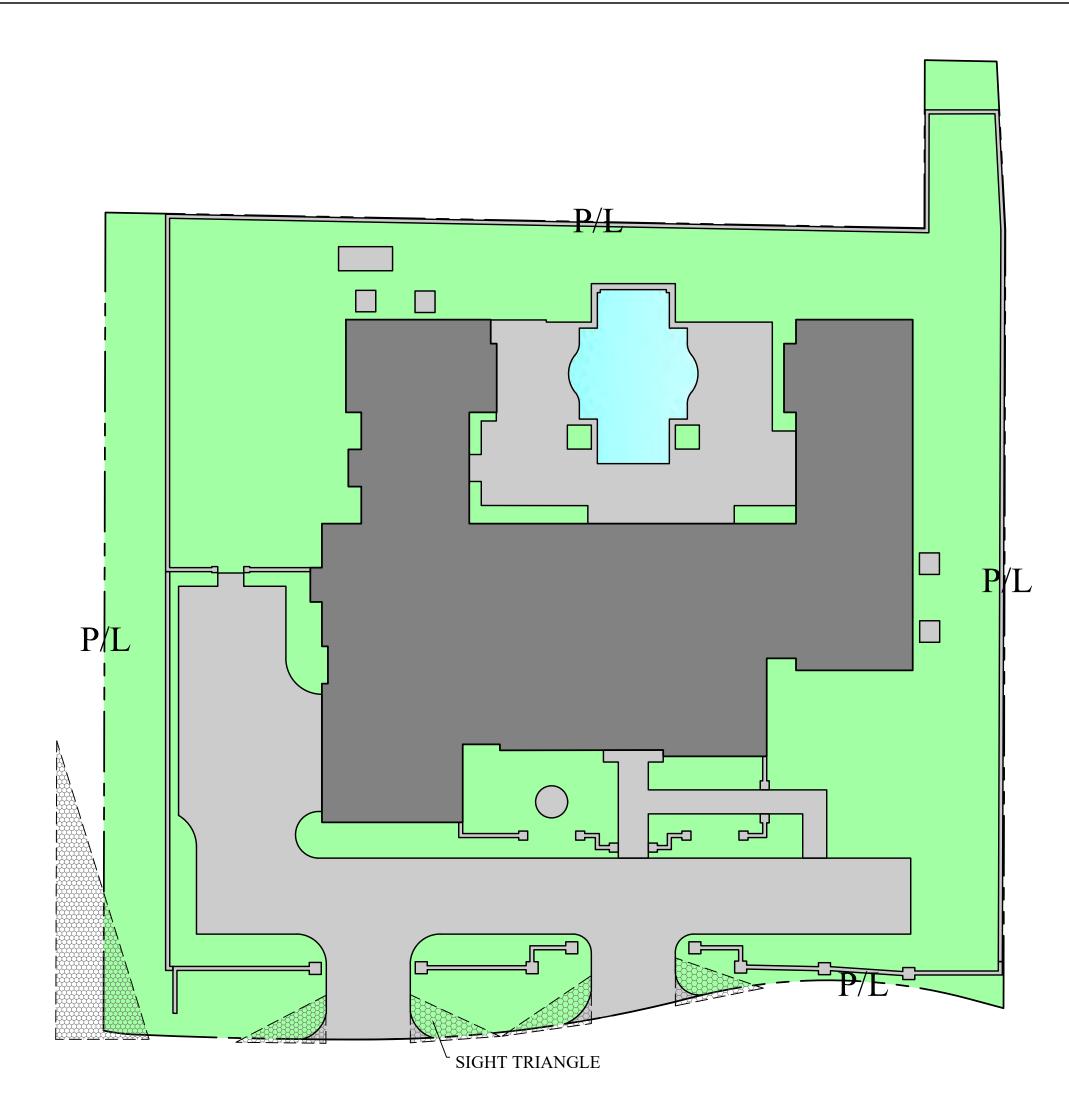




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# PREVIOUSLY APPROVED OVERALL LANDSCAPE OPEN SPACE DIAGRAM SCALE: 1/16" = 1' 0"

#### PREVIOUSLY APPROVED 2.11.2022

PROPOSED SITE CALCULATIONS:
R-A ESTATE RESIDENTIAL DISTRICT
OVERALL LOT GREENSPACE COVERAGE:

SITE - 20154 SQ. FT.
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PATIO, DECK, DRIVE, WALKS, ETC - 4984 SQ FT
TOTAL HARDSCAPE - 10018 SQ. FT.
TOTAL GREENSPACE - 10136 SQ. FT.
TOWN OF PALM BEACH REQUIREMENT = 50%
OVERALL GREEN SPACE % PROVIDED = 50.2%

### PREVIOUSLY APPROVED 2.11.2022

NATIVE COVERAGE REQUIREMENT:

TOTAL LOT AREA = 20,154
REQUIRED MINIMUM LANDSCAPE 50% = 10,077 SQ FT
35% OF REQUIRED AREA = 3527 SQ FT TOTAL REQ. NATIVE
11211 SQ FT TOTAL PROVIDED NATIVE
PROVIDED NATIVE TREES = 5,176 sq ft PROVIDED
PROVIDED NATIVE PALMS = 1,110 sq ft PROVIDED
PROVIDED NATIVE SHRUBS = 700 sq ft PROVIDED
PROVIDED NATIVE VINES/GC= 4,225 sq ft PROVIDED

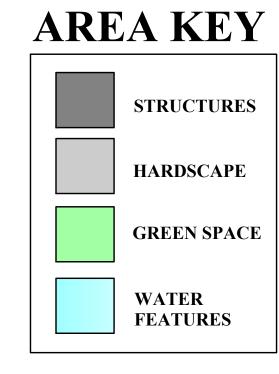
55% NATIVE COVERAGE PROVIDED



## CHANGE LOG

NUMBERS FOR THIS SHEET ONLY

- REDUCE LENGTH OF DRIVE 3' 5"
   ADD SMALL PARKING SPACE
   MOVE GARDEN WALL & GATES
- 4. NARROW DRIVE 9"
- 5. EXTEND WALK TO LOGGIA
- 6. ENLARGE PLANTING PITS7. REDUCE POOL TERRACE

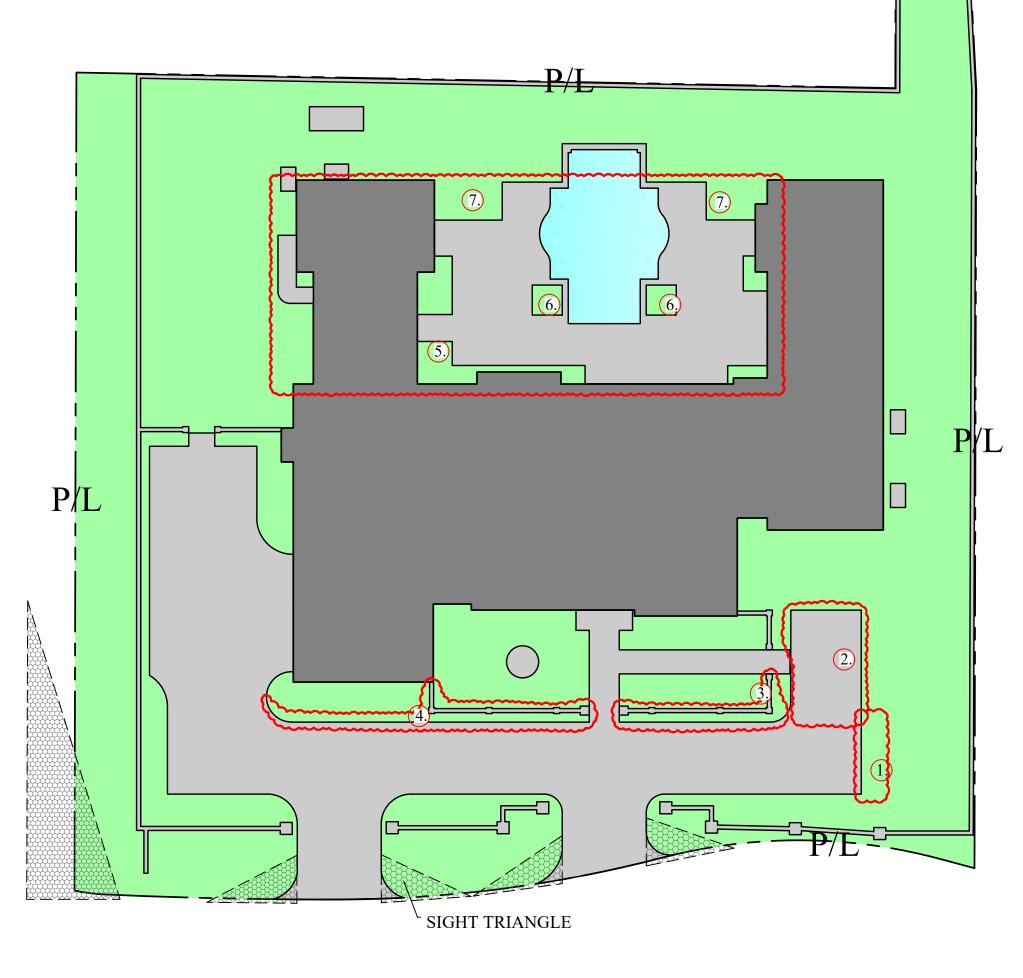




# Planning Zoning and Building 360 S County Rd Palm Beach, FL 33480 www.townofpalmbeach.com

Line #	Landscape Legend							
1	Property Address: 127 El Bravo							
	Lot Area (sq. ft)	20154 sq. ft.						
3		Required	Proposed					
4	Landscape Open Space (LOS) (Sq Ft and %)	50% required	10084 sq. ft. 50.03%					
5	LOS to be altered (Sq Ft and %)	NA	NA					
6	Perimeter LOS (Sq Ft and %)	50% required	4916 sq. ft. 88%					
7	Front Yard LOS (Sq Ft and %)	45% required	2906 sq. ft. 55.3%					
8	Native* Trees %	30% (number of trees)	73% NATIVE PROVIDED					
9	Native* Shrubs & Vines %	30% (number shrubs/vines)	38% NATIVE PROVIDED					
10	Native* Ground Cover %	30% (groundcover area)	83% NATIVE PROVIDED					

\*To determine appropriate native vegetation, the <u>Institute for Regional Conservation ("IRC")</u>, <u>Natives for Your Neighborhood statewide plant list or florida native plant sodiety native plants for your area</u> guide shall be used.



## PROPOSED OVERALL LANDSCAPE OPEN SPACE DIAGRAM

SCALE: 1/16" = 1' 0"

## PROPOSED 7.25.2024

PROPOSED SITE CALCULATIONS:

R-A ESTATE RESIDENTIAL DISTRICT

OVERALL LOT GREENSPACE COVERAGE:

SITE - 20154 SQ. FT. BUILDING - 5034 SQ

7.25.24

7.25.24

BUILDING - 5034 SQ. FT.
PATIO, DECK, DRIVE, WALKS, ETC - 4975 SQ FT
TOTAL HARDSCAPE - 10009 SQ. FT.
TOTAL GREENSPACE - 10145 SQ. FT.

TOWN OF PALM BEACH REQUIREMENT = 50%

OVERALL GREEN SPACE % PROVIDED = 50.33%

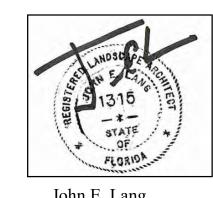
### PROPOSED 7.25.2024

NATIVE COVERAGE REQUIREMENT:

REQUIRED MINIMUM NATIVE PLANTING = 30%
NATIVE TREES = 73% NATIVE PROVIDED
NATIVE SHRUBS & VINES = 38% NATIVE PROVIDED
NATIVE GROUND COVER = 83% PROVIDED

SEE PLANT LIST ON SHEET L-2 FOR NATIVE PLANT SPECIFICATIONS

DIGITALLY SIGNED & SEALED BY JOHN E. LANG



John E. Lang Registered Landscape Architect Florida License # 1315 REVISIONS
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11.15.21
12.6.21

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4.29.24 modified

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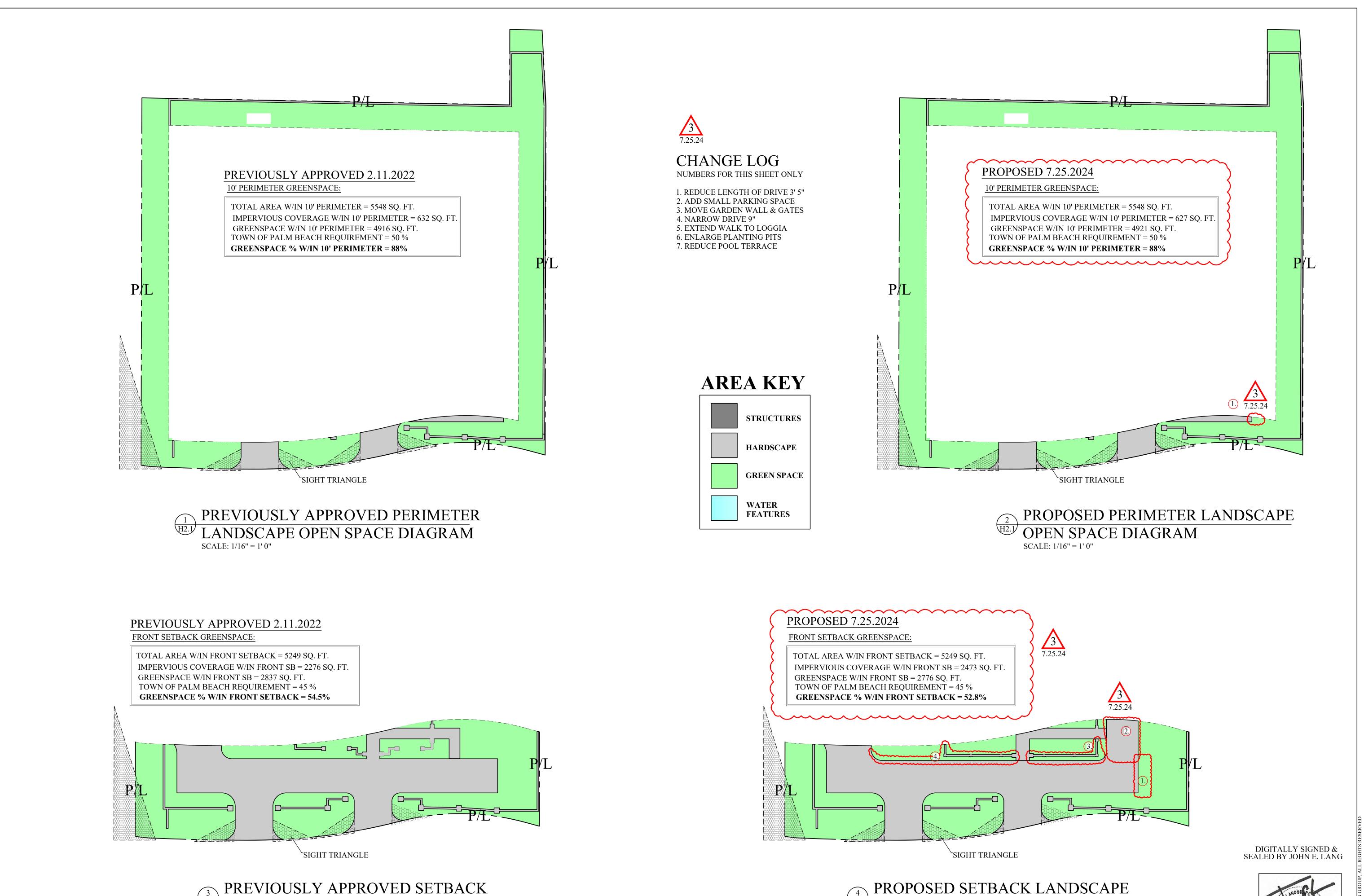
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30 YEARS OF AWARD

WINNING DESIGN



Proposed Hardscape/ Landscape Open Space Diagrams

OPEN SPACE DIAGRAM

LANDSCAPE OPEN SPACE DIAGRAM

SCALE: 1/16" = 1'0"

John E. Lang
Registered Landscape Architect
Florida License # 1315

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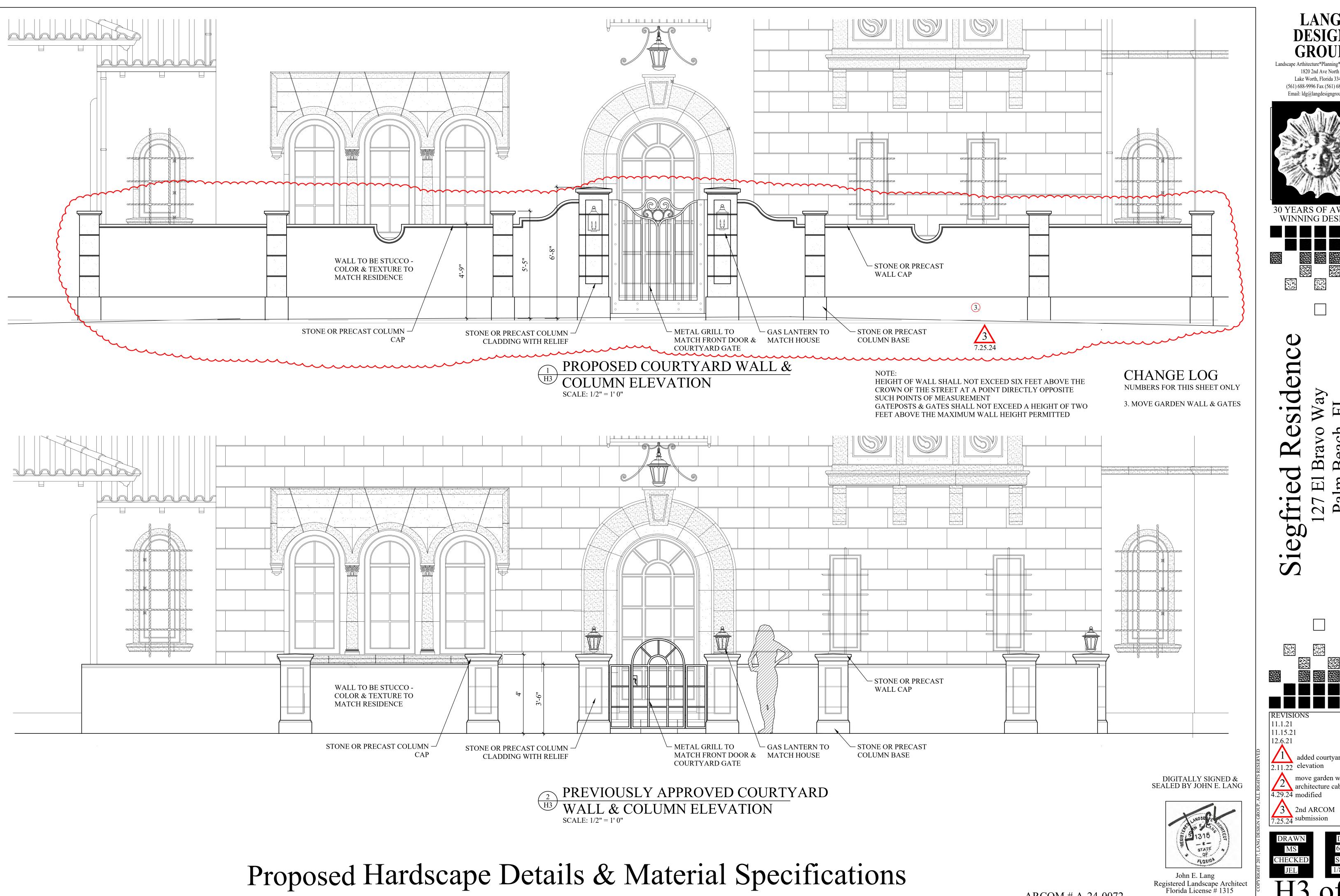
**DESIGN** 

**GROUP** 

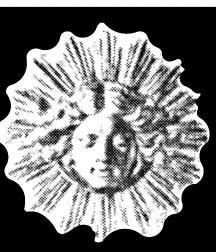
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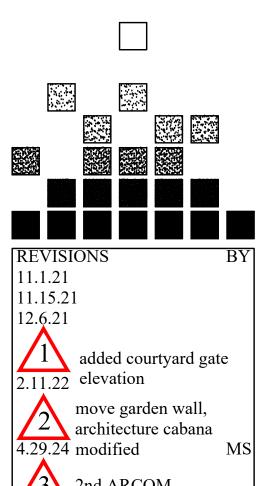
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30 YEARS OF AWARD WINNING DESIGN



## GENERAL NOTES

Construction shall follow standard building code as adopted by the county as applicable and all applicable amendments.

Builder shall coordinate all the work of all the trades.

Builder shall verify all dimensions and conditions at job site prior to starting any work and notify architect in writing immediately or the builder shall accept full responsibility for any errors or omissions. Do not scale

Builder is responsible for adequate bracing of structural or non-structural members during construction.

Concrete shall conform to ASTM C94-83. All concrete work shall be in accordance with ACI 318-84. All concrete masonry work shall be in accordance with ACI 531-79. (revised 1983).

Minimum concrete cover over reinforcing shall be:

Slabs on vapor barrier - 3/4" Beams and columns - 1 1/2" Formed concrete below grade- 2" Unformed concrete below grade - 3'

Reinforcing steel: Grade 60 (FY = 60,000). ASTM A615-82 SI.

Placing drawings and bar lists shall conform to A.C.I.'s "Manual of Standard Practice for Detailing Reinforced Concrete Structures." (A.C.I. 315-80).

Details of concrete reinforcements shall be in accordance with "The Manual of Standard Practice for Reinforced Concrete Construction", as published by the Concrete Reinforcing Steel Institute unless otherwise indicated.

Adequate vertical and horizontal shoring shall be provided to safely support all loads during construction.

Dowel column and wall reinforcing to footing with same size and number of dowels as vertical bars above.

Vertical cells for masonry to be grouted shall have vertical alignment sufficient to maintain a clear unobstructed continuous cell.

General Contractor shall verify all setbacks and easements prior to construction of any pools, patios, or any other structures and shall notify Landscape Architect if there is a discrepancy.

Cleanout openings shall be provided at the bottom of grouted cells at each lift over 4'-0" high. Cleanouts shall be sealed after cleaning and inspection and before grouting.

Reinforcing steel shall be lapped 30 bar diameters minimum where spliced, and shall be wired together. Provide corner bars same size and number as horizontal beam reinforcing at each face. Lap 30 bar diameters min.

Structural wood and timber framing shall conform to the "Timber Construction Manual", as published by the American Institute of Timber

Structural steel shall conform to the A.I.S.C. "Specification for the Design, Fabrication and Erection of Structural Steel for Buildings", 1980 edition. Materials shall conform to the applicable ASTM specification as follows:

> Shapes, Plates, Anchor Bolts - A 36-81 A Machine Bolts - A 325-83 C Tubular Steel - A 500-82 A Grade B (46 KSI)

Welded construction shall conform to the American Welding Society "Structural Welding Code". Electrodes for field and shop welds shall be A.W.S.

Contractor to verify all existing utilities and services and is responsible for all damage to such during construction.

Topical curing required for all slabs and flat work (U.N.O.)

SLV = 1 schedule 40 PVC sleeve for irrigation, 1 schedule 40 PVC sleeve for

PA = Planting Area.

General Contractor is responsible for all work, workmanship, and safety of the subcontractors.

All paving material is to be installed per manufacturers recommendations.

Pool contractor is responsible for all engineering, hydraulics and electrical. Plan is for layout purposes only.

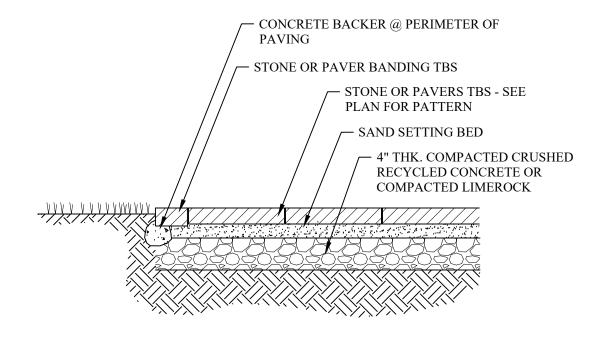
## GRADING NOTES

General Contractor is responsible for positive drainage in all areas.

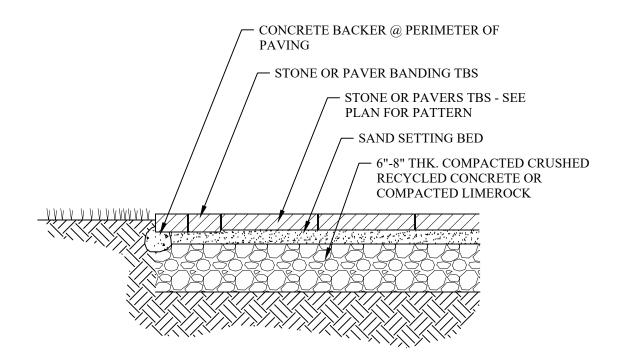
All berming shall be smooth and continuous, free of debris, weeds, rocks,

All berms and grades shall blend with adjacent grades.

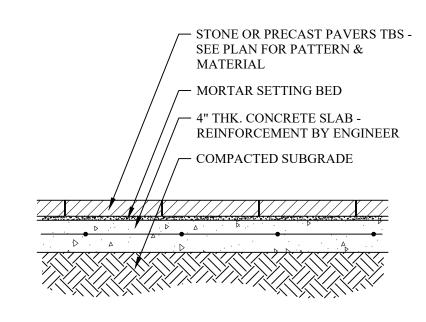
All gutters in interior court to be piped out to road or to the rear of the











WALK ON CONC SECTION

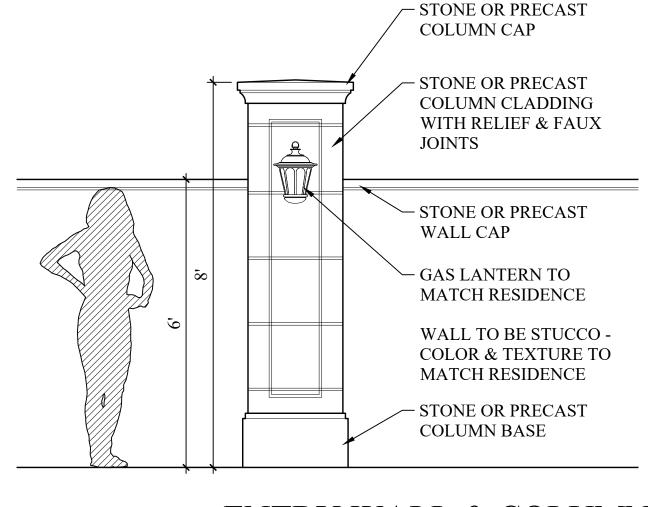


RECYCLED OLD CHICAGO BRICK DRIVEWAY WITH **BRICK BORDERS** 





INSPIRATION FOR SHELLSTONE/ CORALSTONE COLUMNS TO COMPLEMENT HOUSE & SHELLSTONE/ CORAL STONE PAVING







SHELLSTONE/ CORAL STONE FOR REAR PATIO

NO CHANGES PROPOSED



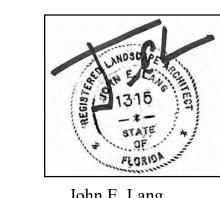
MEXICAN BEACH PEBBLE FROM ISLAND STONE FOR FRONT WALK WITH BRICK BORDERS



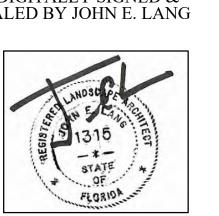
prefabricated Stow-Away 3 ft. 8 in. height Resin Horizontal pump enclosure with closable doors \* covers pump on all side and from

POOL EQUIPMENT H4 ENCLOSURE N.T.S.

DIGITALLY SIGNED & SEALED BY JOHN E. LANG



John E. Lang

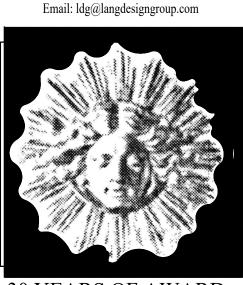


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30 YEARS OF AWARD WINNING DESIGN

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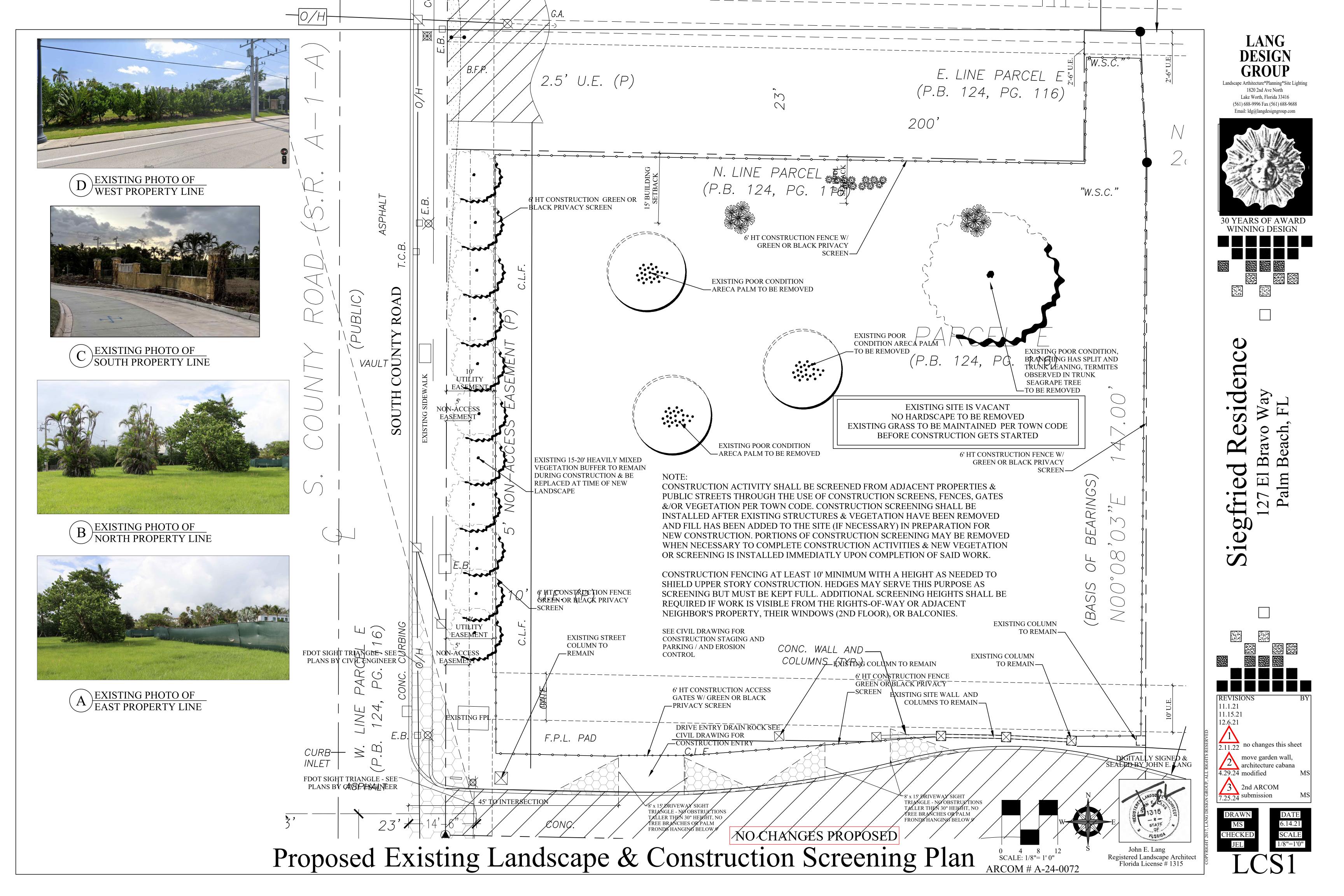
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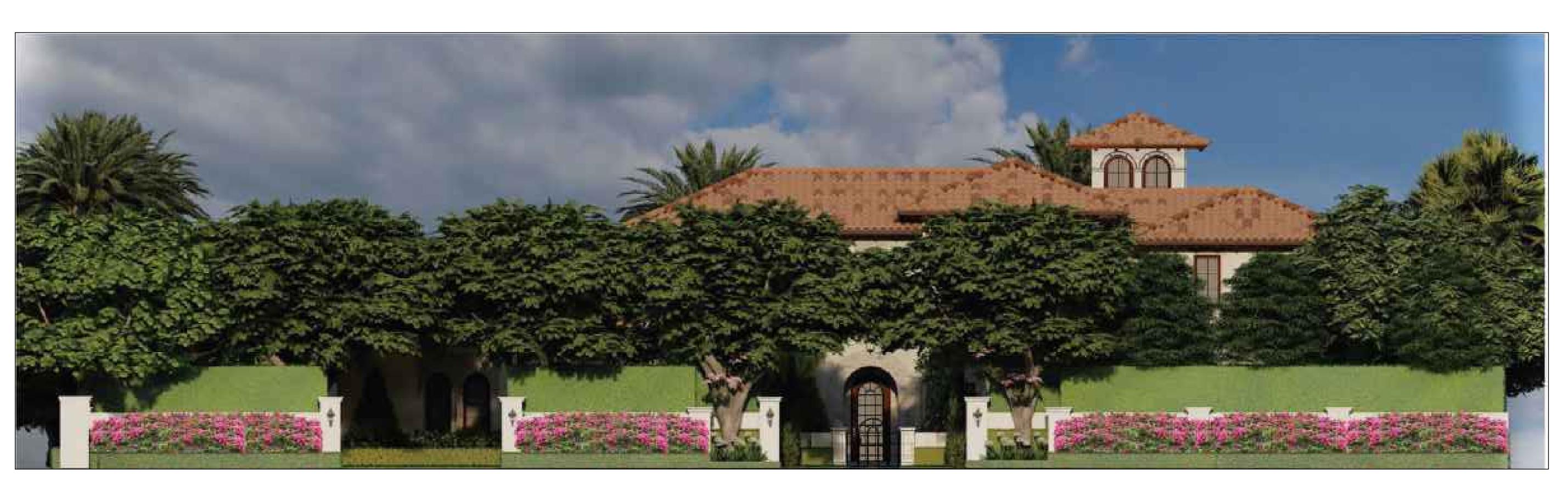
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REVISIONS 11.1.21 11.15.21 12.6.21 2.11.22 move garden wall, architecture cabana 4.29.24 modified 2nd ARCOM submission

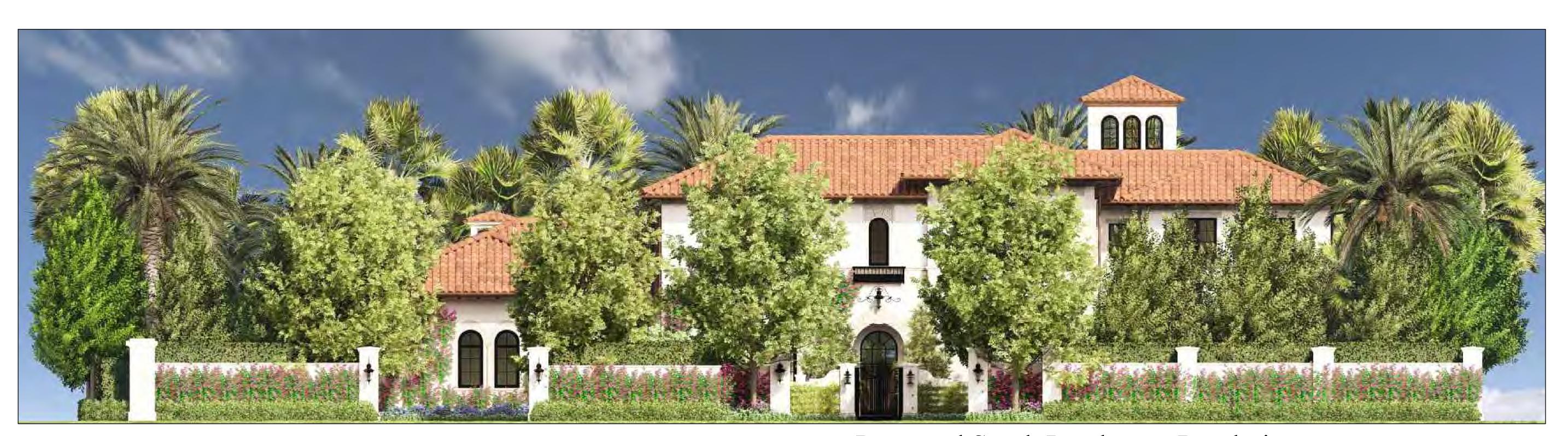
<u>H4</u> of 6

Proposed Hardscape Details & Material Specifications

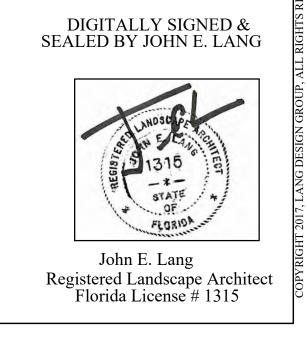




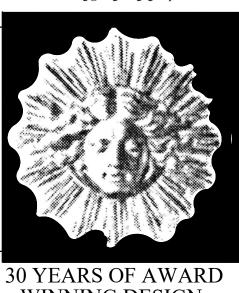
Previously Approved South Landscape Rendering



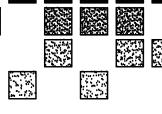
Proposed South Landscape Rendering





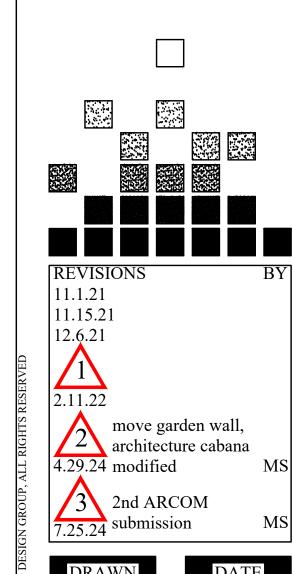








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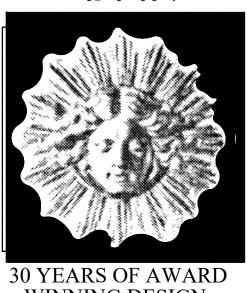
Previously Approved North Landscape Rendering

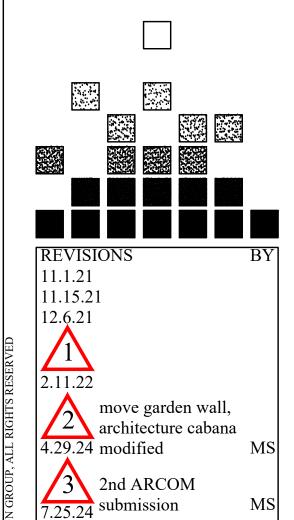


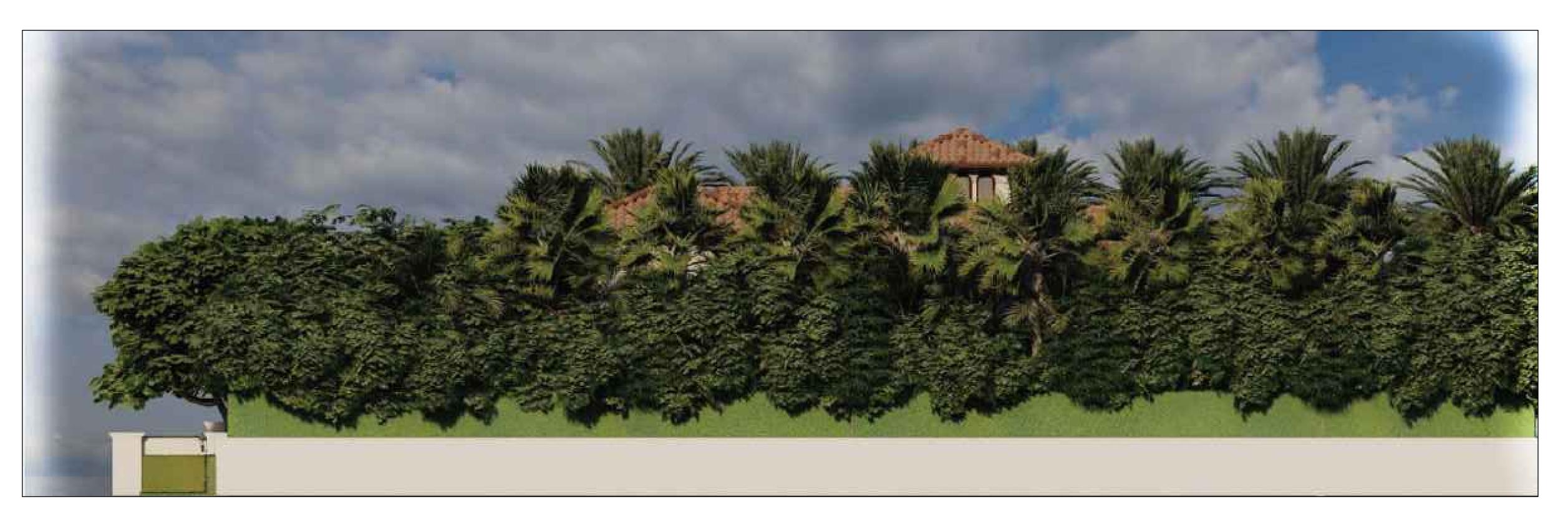
Proposed North Landscape Rendering











Previously Approved East Landscape Rendering



Proposed East Landscape Rendering

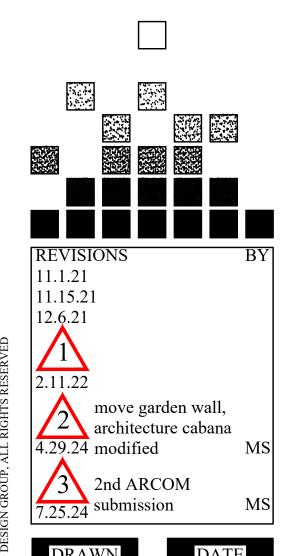








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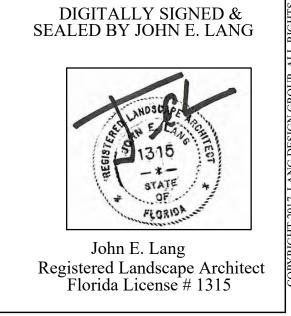




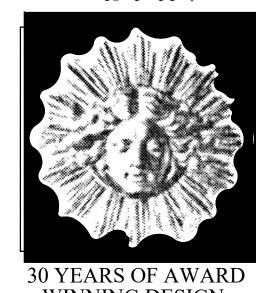
Previously Approved West Landscape Rendering

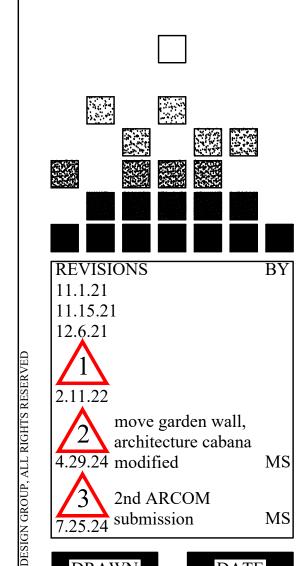


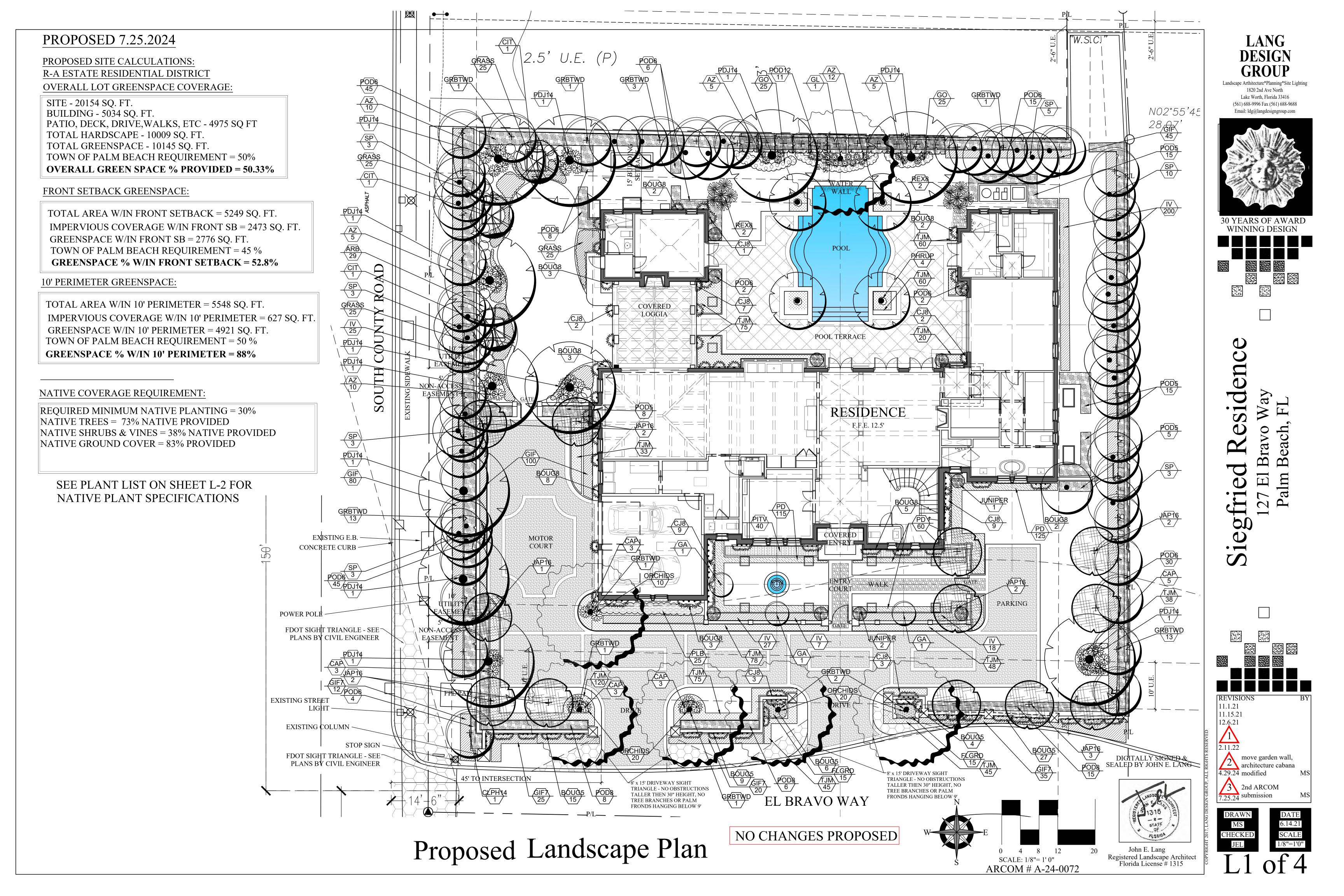
Proposed West Landscape Rendering











#### 1. SCOPE OF WORK:

The scope of work includes furnishing all plants, materials, equipment and labor necessary for planting of plant materials indicated on the Drawings and/or in these Specifications.

#### 2. <u>MATERIALS</u>.

#### 2.1 PLANT MATERIALS:

A. All plant materials shall be nursery grown unless otherwise

C.W. (indicates clear wood)
Spr. (indicates spread)

noted. Abbreviations on plant list:

Ct. (indicates speath)

Ct. (indicates clear trunk measurement from top of ball to first branching)

O.A. (indicates overall height from top of ball to mid

point of current season's growth)

- B. Quality and Size: Plants shall have a habit of growth that is normal for the species and shall be healthy, vigorous and equal or exceed the measurements specified in the plant list, which are the minimum acceptable sizes. Plants shall be measured before pruning with branches in normal position. Any necessary pruning shall be done at the time of planting. Requirements for measurements, branching, grading, quality, balling and burlapping of plants in the plant list generally follow the code of standards currently recommended by the American Association of Nurserymen, Inc., in the American Standard of Nursery Stock. Plant materials shall be graded Florida No. 1 or better as outlined under Grades & Standards for nursery plants, State Plant Board of Florida. Plants that meet the requirements specified, but do not have the normal balance
- C. Quantities: All quantities indicated on the plant list are intended as a guide for the bidders and does not relieve the bidder of his responsibility to do a comprehensive plant take off. Should a discrepancy occur between the bidder's take off and the plant list quantity, the Landscape Architect is to be notified for the clarification prior to the submission of

of height and spread typical for the respective plant, shall

not be accepted. All plants shall be free of weeds or any

other objectionable vegetation.

D. <u>Substitution</u>: Plant substitution requests by the Contractor will be considered by the Landscape Architect only upon submission of proof that any plant is not obtainable in the type and size specified. The Landscape Architect shall determine the nearest equivalent replacement in an obtainable size and variety. The unit price of the substitute item shall not exceed the bid item replaced, without

#### 2.2 <u>COMMERCIAL FERTILIZERS</u>:

approval of the owner.

- A. Commercial fertilizer shall be an organic (6.6.6) fertilizer containing nitrogen, phosphoric acid and potash in equal percentages of available plant food by weight. Nitrogen shall be not less that 50% from organic source. Inorganic chemical nitrogen shall not be derived from the sodium form of nitrate. Fertilizers shall be delivered to the site unopened in original containers, each bearing the manufacturer's guaranteed analysis. Any fertilizer that becomes caked or otherwise damaged shall not be
- B. Planting tablets shall be tightly compressed, long lasting, slow release fertilizer tablets with a potential acidity of not more that 5% by weight and having an analysis of 20.10.5.

#### 2.3 <u>PEAT:</u>

Peat shall be horticultural peat composed of not less than 60% decomposed organic matter by weight, on an oven dried basin. Peat shall be delivered to the site in a workable condition, free from lumps.

#### 2.4 <u>PLANTING SOIL</u>:

Planting soil shall be sandy loam and shall contain a minimum amount of decomposed organic matter. Planting soil shall be free of clay, stones, plants, roots and other foreign materials which might be a hindrance to planting operations or be detrimental to good plant growth. Soil shall be delivered in a loose friable condition and be applied in accordance with the Planting Specifications.

### 2.5 <u>MULCH:</u>

Mulches shall not contain sticks larger that 1/4 inch in diameter, stones, or other foreign material that will prevent the eventual decay of the mulch necessary for its complete effectiveness.

### 2.6 <u>WATER</u>:

Water for planting will be available at the site and will be provided by the Owner. All conditions regarding site water shall be verified by Contractor prior to submission of bids.

#### 3. EXECUTION:

### 3.1 PROTECTION OF PLANTS A. Root Protection:

Balled and Burlapped Plants: Plants designated "B & B"
 (balled and burlapped) shall be dug with firm natural balls
 of earth of sufficient diameter and depth to encompass the
 fibrous and feeding root system necessary for full recovery
 of plant. Balls shall be firmly wrapped with burlap or
 similar materials and bound with twine, cord, or wire mesh
 All collected plants shall be balled and burlapped.

2. Container Grown Plants: Plants grown in containers will be accepted as "B & B" providing that all other specified requirements are met. Container grown plants shall meet plant sizes as specified on the plant list and on the Drawings, and shall not be governed by container sizes. Minimum root balls of container grown materials shall be no more that 25 % less proportionately in size than that stated in "Grades & Standards" for nursery plants. These plants shall have been grown in the container for a maximum of two years prior to installation and shall exhibit a fully developed root system when removed from the

- B. <u>Protection During Transportation:</u> All plant material shall be protected from possible bark injury or breakage of branches. All plants transported by open trucks shall be adequately covered to prevent windburn, drying or damage.
- C. <u>Protection After Delivery:</u> Plants which cannot be planted immediately on delivery to the site shall be covered with moist soil, mulch, or other protection from the drying of wind and sun. All plants shall be watered as necessary until planted. Storage period shall not exceed seventy-two (72) hours.

- D. <u>Protection of Palms (If Applicable)</u>: Only a minimum of fronds shall be removed from the crown of the palm trees to facilitate moving and handling.
- E. Clear trunk shall be as specified after the minimum of fronds have been removed. Cabbage Palms shall be taken from moist, black areas. All burn marks on Cabbage Palm trunks shall be removed. Cabbage Palm heads shall be tied with a burlap strip to be left in place until the tree is well
- F. <u>Protection During Planting:</u> Trees moved by winch or crane shall be thoroughly protected from chain marks, girdling or bark slippage by means of burlap, wood battens, or other approved methods.

#### 3.2 PLANTING OPERATIONS:

- A. <u>Layout:</u> Location for plants and outlines of areas to be planted are indicated on the Drawings. All plant locations shall be staked in the field by the Contractor, to the satisfaction of the Landscape Architect. Where construction or utilities below ground or overhead are encountered, or where changes have been made in the construction, necessary adjustments will be approved by the Landscape Architect
- B. <u>Soil Preparation</u>: Soil used shall be as herein before specified under "Planting Soil", thoroughly mixed with peat to produce 25% peat by volume. The soil should be in a relatively dry state and mixed thoroughly by hand or rotary mixer. All planting soil shall be treated with an approved weed killer, according to the manufacturer's specifications.
- C. Excavation for Planting: Excavation of plant pits shall be circular in outline and shall extend to the required subgrades as specified hereunder. The minimum depth of plant pits specified below shall be measured from the finish grade. Mass planting beds shall be stripped of all vegetation prior to planting.
- D. <u>Balled and Burlapped Plants:</u> After final setting, loosen burlap wrappings exposing the top of the root ball, leaving the ball unbroken. Remove excessive amounts of burlap to

eliminate voids which may be caused upon decomposition.

- E. <u>Container Grown Plants</u>: Container grown plants shall, when delivered, have sufficient growth to hold earth intact when removed from container and shall not be root bound. Plant pits for container materials shall be formed flat on the bottom to avoid air pockets at the bottom of the root balls and containers shall be removed carefully to prevent damage to plant or root system.
- F. <u>Pit Sizes:</u> Minimum diameter (width) and depth of planting pits for balled and burlapped, and container grown plants shall be as follows:
- Diameter Trees: 18" greater than diameter of ball or spread of roots.
   Diameter - Shrubs: 6" greater than diameter of ball or
- 3. Depth Trees and Shrubs: 4" greater than depth of ball or roots to provide 4" of topsoil backfill under the rootball. (Large, heavy trees and shrubs may sit directly on unexcavated pit bottom if it is determined that undue settlement may occur.)
- 4. Depth Vine Groundcovers: Pits shall conform to accepted nursery practice for the particular species and equal the plant pot depth plus one (1) inch.
- G. <u>Backfilling:</u> When the plant pit has been excavated as specified above and the plant has been set, the pit shall be backfilled with planting soil at the following rates:

#### One-half cubic yard per tree One cubic yard per fifty shrubs

H. Setting Trees and Shrubs: Unless otherwise specified, all

trees and shrubs shall be planted in pits, centered, and set on four inches (4") of compacted planting soil to such depths that the finished grade level of the plant after settlement shall be the same as that at which the plant was grown. They shall be planted upright and faced to give the best appearance or relationship to adjacent structures. No burlap shall be pulled out from under the balls. Platforms, wire, and surplus binding from top and sides of the balls shall be removed. All broken or fraved roots shall be cut off cleanly. Soil shall be placed and compacted thoroughly. avoiding injury and shall be settled by watering. No filling around trunks will be permitted. After the ground settles additional soil shall be filled in to the level of the finished grade allowing for two inches (2") of mulch. Form a shallow saucer around each plant by placing a ridge of soil along the edge of the plant pit. This ridge shall be one inch (1") high for each on inch (1") caliper of trunk to a maximum of four inches (4").

I. Setting Palms: All palms shall be planted in sand, thoroughly washed in during planting operations and with a shallow saucer depression left at the soil line for future waterings. Saucer areas shall be top dressed two inches (2") deep with topsoil raked and left in a neat, clean

J. <u>Fertilization:</u> When setting trees, palms and shrubs, place in each plant hole Planting Tablets, 20-10-5 formula, 21

gram, according to the following:

Correct Placement of Tablets: Position the plant in the hole and backfill no higher than halfway up the root ball. Place the recommended number of tablets evenly around the perimeter of, and immediately adjacent to, the root ball at a depth which is between the middle and the bottom of the root ball. Complete backfilling as described above, under setting trees, palms and shrubs.

K. Pruning: Remove dead and broken branches from all plant materials. Prune to retain typical growth habit of individual species with as much height and spread as is practicable. Make all pruning cuts with a sharp instrument flush with trunk or adjacent branch, in such a manner as to ensure elimination of stubs. "Headback" cuts, right angle to line of growth, will not be permitted and trees will not be poled or topped. Paint all cuts 1/2" in diameter and larger with approved waterproof antiseptic tree paint and remove trimmings from site.

- L. <u>Guying and Staking:</u> Guy all trees 1 1 1/2" in caliper and greater in three (3) directions with double strands of No. 12 galvanized wire attached to approved anchors driven below grade. When securing wires to trees, cover all wires which may come in contact with any part of tree with new rubber hose. Place guys not less that 1/3 of the height of tree above finished diameter or more, if possible. All hoses shall be interlocked around tree trunk. Place anchors so that guys are equally spaced and at 45 degree angles to horizontal. Keep guys tight until project completion.
- M.In staking palms and broadleaf trees no nails or other fasteners will directly penetrate the trunks. Wood 2 x 4 battens 12 inches long, separated by a minimum of four (4) layers of burlap can be attached to the trunk of the trees with metal banding. Stakes can only be nailed to the wooden battens.
- Alternate methods of guying or staking may be employed with approval of the Landscape Architect.
- N. <u>Mulching:</u> All trees and shrub beds shall be mulched immediately after planting, to a two inch (2") depth, with a mulch approved by the Landscape Architect. Prevent wind displacement of mulch by thoroughly wetting down.
- O. Excess Excavated Soil: Excess excavated soil shall be disposed of by the Contractor at no additional expense to

#### 3.3 SOD (When Applicable):

A. <u>Soil:</u> The contractor shall submit a unit price per cubic yard for the supply and distribution of planting soil as herein before specified, to be applied at a depth of one inch (1") to all areas receiving sod.

(The use of this item in the Contract shall be at the discretion of the Landscape Architect after evaluation of the existing soil on the site.) Payment for this item will be determined by a square foot, in place measurement of the installed sod area after sod installation is complete multiplied by the specified depth of one inch (1"), to determine cubic yards of soil used.

- B. <u>Grades:</u> It shall be the responsibility of the Contractor to finish (fine) grade all landscape areas, eliminating all bumps, depressions, sticks, stones and other debris to the satisfaction of the Landscape Architect, prior to the application of sod. If supplemental topsoil is to be spread, no sod shall be laid until the depth of this soil has been approved.
- C. The sod shall be as called for on the Landscape Drawings, Sod shall be of firm tough texture, having a compact growth of grass with good root development, and shall contain no Bermuda Grass, weeds, or any other objectionable vegetation. The soil embedded in the sod shall be good earth, free from stones and debris and all sod shall be free from fungus, vermin and other diseases.
- D. Before being cut and lifted, the sod shall have been mowed at least three times with a lawn mover, with the final mowing not more that seven (7) days before the sod is cut. The sod shall be carefully cut into uniform dimensions.
- E. Solid sod shall be laid with closely abutting joints with a tamped or rolled, even surface. It shall be the responsibility of the contractor to bring the sod edge in a neat, clean manner to the edge of all paving and shrub areas. If, in the opinion of the Landscape Architect, top-dressing is necessary after rolling, clean sand will be evenly applied over the entire surface and thoroughly washed in.

#### 3.4 <u>CLEAN UP:</u>

Any soil, peat or similar material which has been brought onto any paved areas shall be removed promptly, keeping these areas clean as the work progresses. Upon completion of the planting, all excess soil, stones and debris which has not been previously cleaned up shall be removed from the

#### 3.5 <u>MAINTENANCE</u>:

A. Maintenance shall begin immediately after each plant is planted and shall continue until all planting has passed final inspection and acceptance. Maintenance shall include watering, weeding, cultivating, removal of dead materials, resetting plants to proper grades or upright positions and restoration of the planting saucer and any other necessary operations. Proper protection to lawn areas shall be provided and any damage resulting from planting operations shall be repaired promptly.

B. All trees shall be deep watered for a period of 90 days after planting.

C. In the event of the threat of serious damage resulting from insects of disease prior to final acceptance, the plants shall be treated by preventative or remedial measures approved for good horticultural practice at no additional cost to the Owner.

#### 3.6 INSPECTION AND ACCEPTANCE:

A. <u>Inspection</u>: Inspection of work to determine completion of contract, exclusive of the possible replacement of plants, will be made by the Owner and /or Landscape Architect, at the conclusion of all planting and at the written request of the Contractor.

B. Acceptance: After inspection, the contractor will be notified by the Owner and/or Landscape Architect of the acceptance of all plant material and workmanship, exclusive of the possible replacement of plants subject to guarantee.

#### 3.7 GUARANTEE AND REPLACEMENT:

A. <u>Guarantee:</u> The Contractor, as part of his Contract, shall furnish a written guarantee warranting all materials, workmanship and plant materials, except sod, for a period of six (6) months from the time of completion and acceptance. All plant materials shall be alive and in satisfactory condition and growth for each specific kind of plant at the end of the guarantee period. Where vandalism is agreed by the Landscape Architect as the cause for replacement, the Contractor shall not be responsible for replacement during the six month guarantee after final acceptance.

\*Trees and Palms shall be guaranteed for twelve (12) months.

B. Sod shall be guaranteed for a two (2) month period, dating from final acceptance and any lawn care which becomes necessary during the completion period will be the responsibility of the Contractor to ensure a vigorous strand

Native Drought Botanical Name / Common Specifications, planted height and spread at time

Planted in pots not in ground,

20'oa - 35'oa, single slicks

TOTAL NATIVE SHRUB VINE

PERCENT 38%

staggered heights

45 gallon, 6' x 5' spr

# / water Name height and spread a needs of planting TREES:

M | Citrus variety tbs

12	JAP16		L	Japanese Blueberry Hedge Eleocarpus decipiens	Limbed up 6-8', 16'oa conical shaped, show picture to L.A
38	GRBTWD	Native	L	Green Buttonwood Conocarpus erectus	BB, FG, 18'oa x 16' spread, 6" caliper min
1	GL	Native	L	Gumbo Limbo Tree Bursera simaruba	BB, FG, 12" caliper specimen show picture to L.A 18' x 18'
3	JUNIPER	Native	L	Juniper chinensis viginianan Brodie	columnar 12'oa ,
					TOTAL NATIVE TREES PERCENT 73%
	PALMS:				
11	PDJ14		L	Phoenix Date palm Sylvester Medjool or Canary tbs	florida fancy BB, FG, 14' CT no including trunk, straight, Classic cut diamond trunk brown shellac, not including nut, include one year warranty and 1 yard clean white mason's sand to backfill planting hole, show pic to L.A
4	PHRUP		L	Phoenix Rupicola / Cliff Date Palm	florida fancy BB, FG, 9' CT, 16 oa, straight, matching include one year warranty, and 1 yard clean white mason's sand to backfill planting hole, show pictor.

#### HEDGES /VINES

NATIVE

**PLANT** 

LIST

29	ARB		L	Arboricola green	3 gallon
47	AZ		M	Calocasia or Alpinia ginger variety	3 gallon
61	BOUG5		L	Bougainvillea color tbs	5-6' trellis, remove and attach to wall with stainless steel vining detail no pattern,
28	BOUG8		L	Bougainvillea color tbs	5-6' trellis, remove and attach to wall with stainless steel vining detail no pattern,
17	CAP	N	L	Crinum Lily Crinum Jagus	3' x 3'
36	C18		L	Confederate Jasmine Vine on wall	8' oa , remove from pole and espalier on wall in pattern tbd will need stainless steel vining
30	FLGRD		L	Florida Gardenia tabernaemontana	3 gallon
3	GA		M	Gardenia augusta jasminoides Miami Supreme	5'-6'oa, std, grafted, full 3' head
92	GIF7		L	Green Island Ficus	7 gallon, 30" oa height .
50	GO		L	Ground Orchid Spathoglottis plicata	3 gallon
100	GRASS	Native	L	Sandcord Grass	3 gallon
502	IV	Native	L	Ilex vomitoria	3 gallon, 18" o.c.
300	PD		M	Podocarpus pringles	3 gallon 18" o.c
40	PITV		L	Pittosporum variegatum	3 gallon , 24" ht
25	PLB		M	Plumbago auriculata imperial blue	3 gallon , 24" ht
11	POD12		M	Podocarpus maki	12' ht,6' o.c., FTB
200	POD5, POD6		M	Podocarpus maki	5' -6'oa ht, FTB
29	POD8		M	Podocarpus maki	8' ht,5' o.c., FTB
4	REX8		L	Rhapis excelsa Lady palm	8'oa, multi cane

#### Goundcovers

				Mini Mound Jasmine	
4225	GRASS	N	M	Seashore Pas Palum	Sq Ft- Layed end to end with no gaps, sanded and rolled
	Misc.				TOTAL NATIVE GROUND COVER PERCENT 83%
	SOIL			50/50 Soil Mix	yards
	MULCH			Chocolate Cypress Mulch	3" thick added to all planting

M Trachelospermum asiatic Dwarf trays

SOIL			50/50 Soil Mix	yards
MULCH			Chocolate Cypress Mulch	3" thick added to all planting
				beds
Root Barrier		lin ft	Bio Root Barrier	per manufacturer's recommendation, for any palms or trees in pool planters, and within 5' of walks and drives etc
FERT			Fertilizer	bags
KEY:	Native		Native plant	

L Low Water NeedsM Medium Water Needs

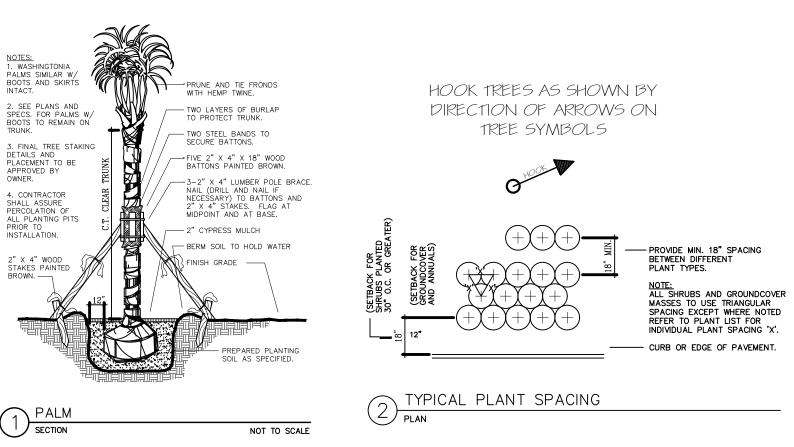
M Medium Water Nee
H High Water Needs

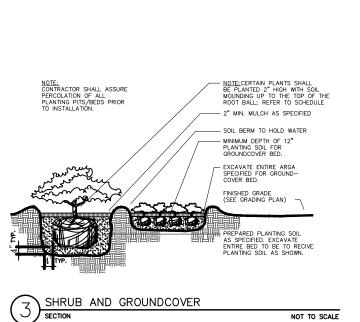
#### PROPOSED 7.25.2024

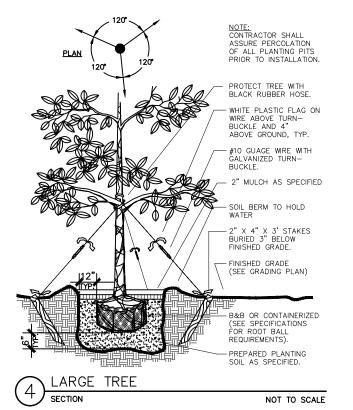
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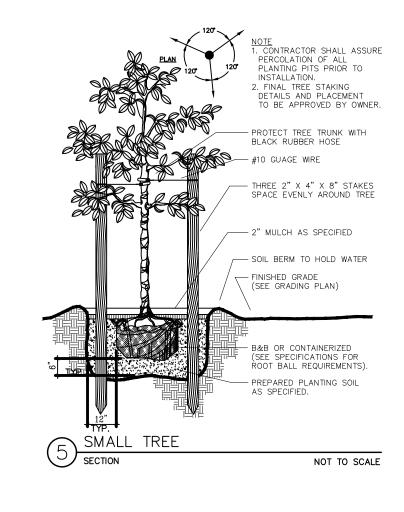
REQUIRED MINIMUM NATIVE PLANTING = 30%
NATIVE TREES = 73% NATIVE PROVIDED
NATIVE SHRUBS & VINES = 38% NATIVE PROVIDED
NATIVE GROUND COVER = 83% PROVIDED

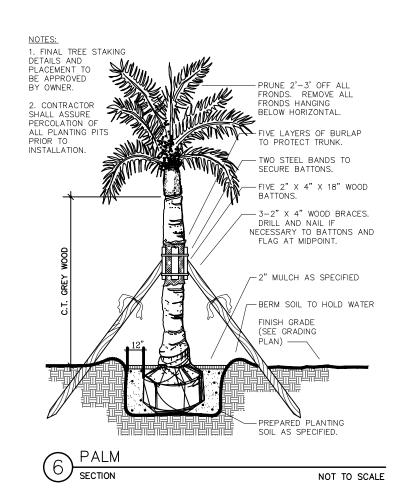
## SEE PLANT LIST ON SHEET L-2 FOR NATIVE PLANT SPECIFICATIONS



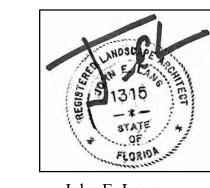






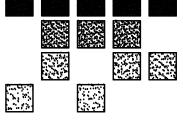


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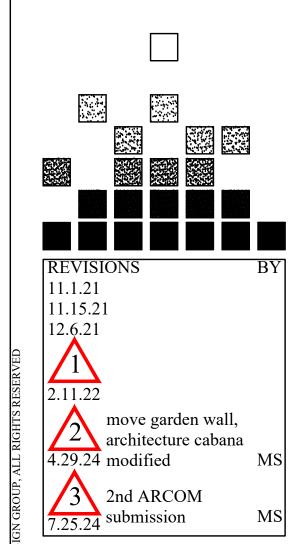


John E. Lang Registered Landscape Architect Florida License # 1315 Landscape Arthitecture\*Planning\*Site Lighting
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Lake Worth, Florida 33416
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Email: ldg@langdesigngroup.com

30 YEARS OF AWARD WINNING DESIGN



Siegfried Residenc 127 El Bravo Way



## **PLANT** LIST

Code

Native Drought Botanical Name / Common Specifications, planted /water Name

needs

height and spread at time of planting

## TREES:

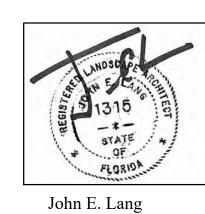
3	CIT		M	Citrus variety tbs	Planted in pots not in ground, 45 gallon, 6' x 5' spr
12	JAP16		L	Japanese Blueberry Hedge Eleocarpus decipiens	Limbed up 6-8', 16'oa conical shaped, show picture to L.A
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30	SP	NATIVE	L	Sabal Palm	20'oa - 35'oa , single slicks staggered heights

## NATIVE COVERAGE REQUIREMENT:

REQUIRED MINIMUM NATIVE PLANTING = 30% NATIVE TREES = 73% NATIVE PROVIDED NATIVE SHRUBS & VINES = 38% NATIVE PROVIDED NATIVE GROUND COVER = 83% PROVIDED

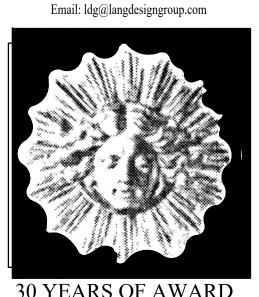
NO CHANGES PROPOSED

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LANG DESIGN **GROUP** Landscape Arthitecture\*Planning\*Site Lighting 1820 2nd Ave North Lake Worth, Florida 33416 (561) 688-9996 Fax (561) 688-9688



WINNING DESIGN

sidence Siegfri

REVISIONS 11.1.21 11.15.21 12.6.21 12.6.21 2.11.22 add large plant list move garden wall, architecture cabana 4.29.24 modified 2nd ARCOM submission

## **HEDGES /VINES**

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4	REX8		L	Rhapis excelsa Lady palm	8'oa, multi cane

TOTAL NATIVE SHRUB VINE PERCENT 38%

## Goundcovers

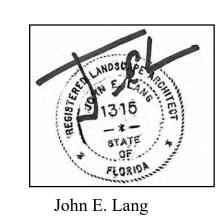
47	TJM		M	Trachelos permum as iatic Dwarf Mini Mound Jasmine	trays
4225	GRASS	N	M	Seashore Pas Palum	Sq Ft- Layed end to end with no gaps, sanded and rolled

## NATIVE COVERAGE REQUIREMENT:

NO CHANGES PROPOSED

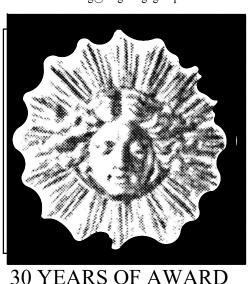
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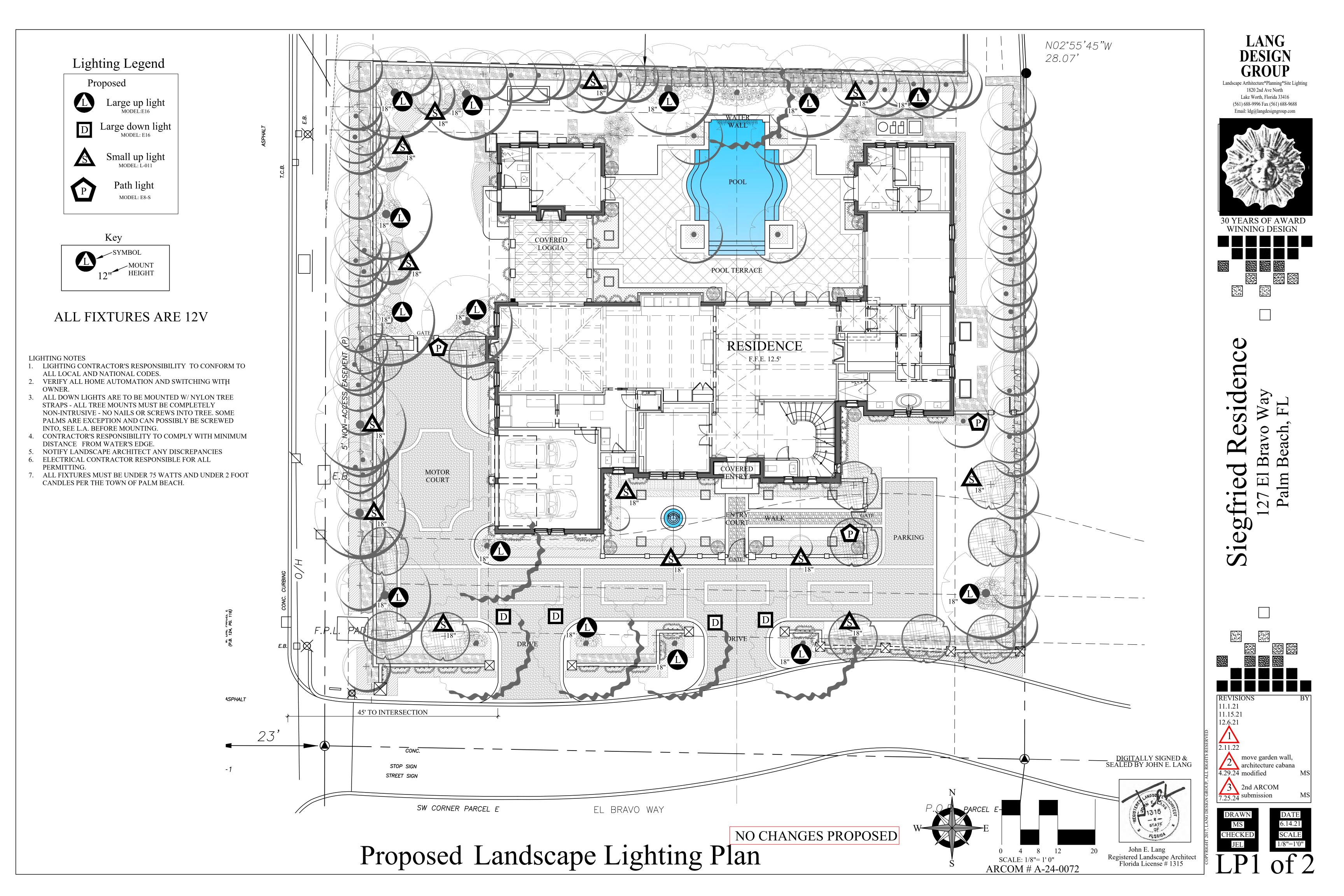
WINNING DESIGN

Siegfri

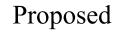
REVISIONS
11.1.21
11.15.21
12.6.21

2.11.22

move garden wall, architecture cabana
4.29.24 modified 2nd ARCOM submission









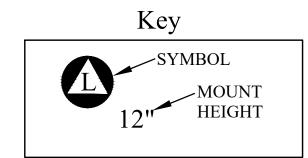
Large down light



Small up light MODEL: L-011



Path light MODEL: E8-S



ALL FIXTURES ARE 12V

#### LIGHTING NOTES

- LIGHTING CONTRACTOR'S RESPONSIBILITY TO CONFORM TO ALL LOCAL AND NATIONAL CODES.
- 2. VERIFY ALL HOME AUTOMATION AND SWITCHING WITH
- 3. ALL DOWN LIGHTS ARE TO BE MOUNTED W/ NYLON TREE STRAPS - ALL TREE MOUNTS MUST BE COMPLETELY NON-INTRUSIVE - NO NAILS OR SCREWS INTO TREE. SOME PALMS ARE EXCEPTION AND CAN POSSIBLY BE SCREWED INTO, SEE L.A. BEFORE MOUNTING.
- CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH MINIMUM DISTANCE FROM WATER'S EDGE.
- NOTIFY LANDSCAPE ARCHITECT ANY DISCREPANCIES
- 6. ELECTRICAL CONTRACTOR RESPONSIBLE FOR ALL
- 7. ALL FIXTURES MUST BE UNDER 75 WATTS AND UNDER 2 FOOT CANDLES PER THE TOWN OF PALM BEACH.

## Large Up Light

#### COUNT: 18

12W-NFL 12 watt 30 degree narrow flood Lamp: Finish: heavy-duty ground spike GS2

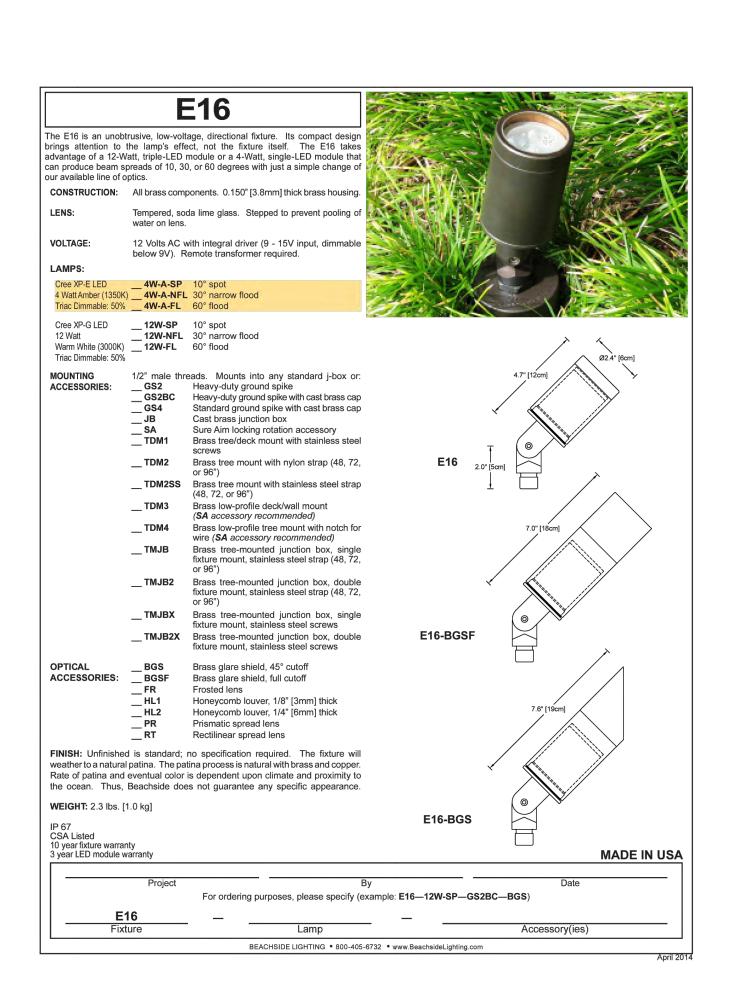
# BY SYMBOL IS HEIGHT TO TOP OF FIXTURE

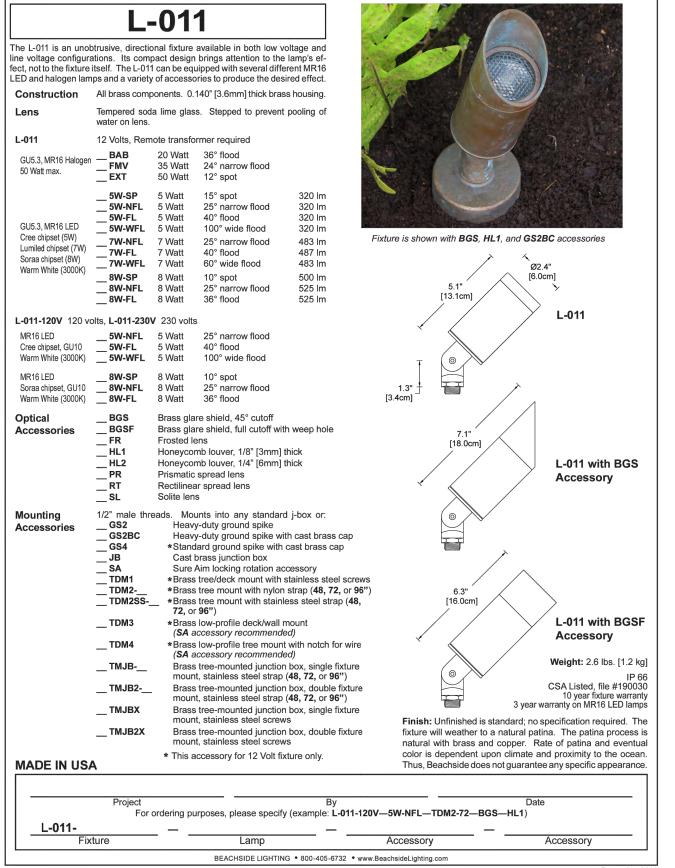
## Large Down Light

Beachside Lighting Model E16 LED 12V

12W-NFL 12 watt 30 degree narrow flood natural finish heavy-duty ground spike accessories: 48" tree strap,

LIGHT TO BE MOUNTED IN TREE W/ TREE STRAP



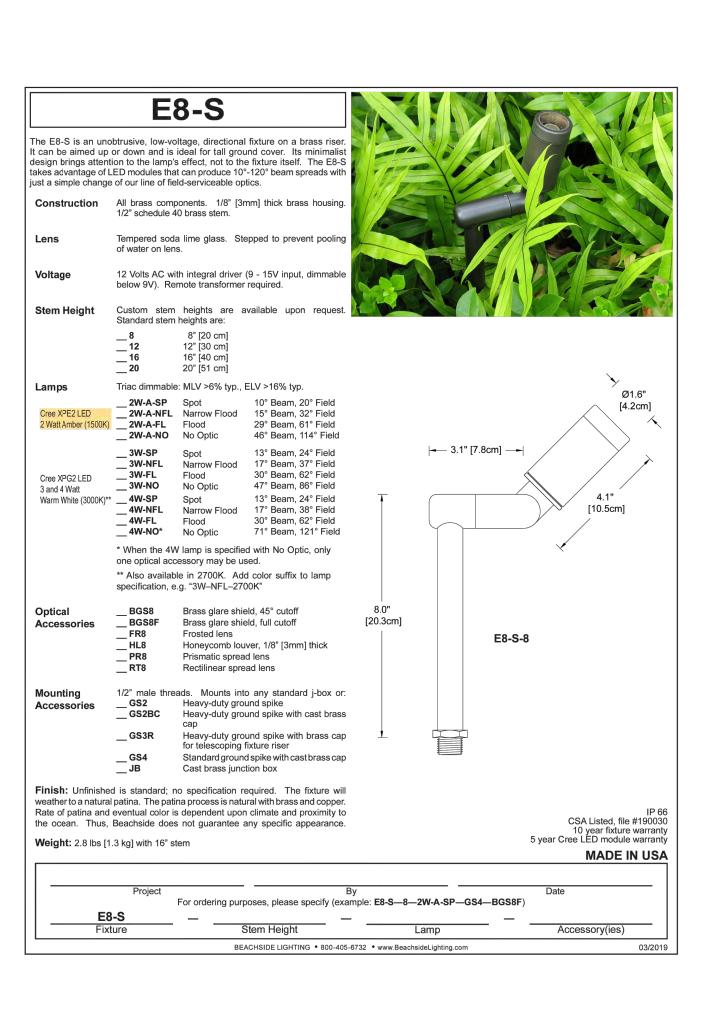


## COUNT: 21

Small Up Light

Lamp: 5W-NFL 5 watt 25 degree narrow flood natural finish heavy-duty ground spike Accessories: Glare shield, heavy duty ground spike GS2

# BY SYMBOL IS HEIGHT TO TOP OF FIXTURE



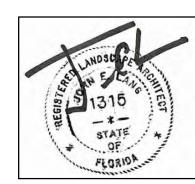
Path Light Beachside Lighting Model E8-S

COUNT: 10

4 watt 4W-NFL natural finish 20" stem accessories: GS2BC Heavy Duty Ground Spike

with Brass Cap

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John E. Lang Registered Landscape Architect

7.25.24 submission

11.15.21

2.11.22

move garden wall,

architecture cabana

4.29.24 modified

2nd ARCOM

LANG

Landscape Arthitecture\*Planning\*Site Lighting

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Lake Worth, Florida 33416

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30 YEARS OF AWARD

WINNING DESIGN

D

Florida License # 1315

NO CHANGES PROPOSED