

SECTION No.(s): 93060000
S.R. No.(s): A1A
Permit No: 2021-L-496-00008
COUNTY: PALM BEACH

**DISTRICT FOUR (4) AMENDMENT NUMBER FIVE (5) TO STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
LANDSCAPE INCLUSIVE MEMORANDUM OF AGREEMENT**

THIS AMENDMENT Number Five (5) to the Agreement dated July 20, 2017, made and entered into this _____ day of _____ 20____ by and between the State of Florida Department of Transportation hereinafter called the DEPARTMENT and the **TOWN OF HIGHLAND BEACH**, a municipal corporation of the State of Florida, hereinafter called the AGENCY.

W I T N E S S E T H

WHEREAS, the parties entered into the Landscape Inclusive Maintenance Memorandum of Agreement dated, July 20, 2017 for the purpose of maintaining the landscape improvements by the AGENCY on State Road A1A (South Ocean Boulevard); and,

WHEREAS, the DEPARTMENT and the AGENCY have agreed to add additional landscape by permit to be installed on State Road A1A (South Ocean Boulevard) in accordance with the above referenced Agreement; and,

NOW THEREFORE, for and in consideration of mutual benefits that flow each to the other, the parties covenant and agree as follows:

1. Pursuant to Page 7, Paragraph 7 of the Landscape Inclusive Maintenance Memorandum of Agreement for State Road A1A (South Ocean Boulevard) dated July 20, 2017, the DEPARTMENT will allow an adjacent property owner to construct additional landscape improvements or to modify an improvement as indicated in **Exhibit "A"**, State Road A1A (South Ocean Boulevard) from M.P. 5.782 to M.P. 5.802. In accordance with the plans attached as **Exhibit "B"**.
2. The AGENCY shall agree to maintain the additional landscape improvements in the Agreement described above in according to the Maintenance Plan, **Exhibit "E"** of the original agreement and as follows:

PART II. SPECIFIC PROJECT SITE MAINTENANCE REQUIREMENTS AND RECOMMENDATIONS

1. Landscaping within the right of way consists of one palm, two trees, shrubs, sod and irrigation.
2. Trees are intended to be maintained at their mature height and spread.
3. Remove suckering growth from base and clear trunk areas on trees on a quarterly basis.
4. To maintain the intended appearance of all palms, apply the latest palm fertilizer recommended by the University of Florida IFAS Extension per the manufacturer's specifications.
5. To maintain the intended appearance of all shrubs or turf grass, apply the latest fertilizer recommended by the University of Florida IFAS Extension per the manufacturer's specifications.
6. Do not remove fronds from self-cleaning palms, unless damaged. Palms with persistent fronds shall only have dead fronds removed, do not remove any green fronds. If it is deemed necessary to prune a palm's fronds, no fronds shall be trimmed above 3 o'clock and 9 o'clock on the horizontal plain.
7. Groundcover and shrub horizontal growth shall be maintained to prevent foliage from growing beyond the limits of the planting areas shown on the plan. Maintain a minimum of 12" setback from the foliage to the edge of curb, pavement, sidewalk and/or other hardscape improvements.
8. Maintain the vertical height of:
Small leaf clusia between 36" and 60", full to ground.
Muhly grass between 18" and 24", full to ground
Inspect groundcovers and shrubs every six months for maintaining full ground coverage.
9. Evaluate plant material on a quarterly basis for pests, diseases, drought stress or general decline. If required, follow the integrated pest management program established by the Agency to ensure healthy plants.
10. Concrete drive shall be inspected twice a year for the aesthetic appearance and safety conditions. Address any issues identified by repairing or replacing those specific locations. To maintain the overall aesthetic appearance and safety of the concrete, it shall be cleaned on a yearly basis to prevent mold, dirt, oil, and gum build up. Joints and cracks in concrete, patterned concrete or asphalt, concrete pavers, concrete curbs, expansion joints, catch basins, gutter areas, etc. shall be inspected on a yearly basis to keep those areas free of weeds.
11. Inspect the irrigation system performance every four months to ensure the system is providing 100% coverage, does not have sections of low pressure, heads and valves are clean and clear of debris and any damaged irrigation components (i.e., spray nozzles, spray heads, valve boxes, etc.) are repaired or replaced.

Except as modified by this Amendment, all terms and conditions of the original Agreement and all Amendments thereto shall remain in full force and effect.

LIST OF EXHIBITS

Exhibit A - Landscape Improvements Maintenance Boundaries Limits

Exhibit B - Landscape Improvement Plans

In Witness whereof, the parties hereto have executed with this Amendment effective the ____ day _____ year written and approved.

TOWN OF HIGHLAND BEACH

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

By: _____
Chairperson/Mayor/Manager

By: _____
Transportation Development Director

Attest: _____ (SEAL)
Clerk

Attest: _____
Executive Secretary

Legal Review Date

Legal Review Date

Office of the General Counsel

SECTION No.(s):	93060000
S.R. No.(s):	A1A
Permit No:	2021-L-496-00008
COUNTY:	PALM BEACH

EXHIBIT A

LANDSCAPE IMPROVEMENTS MAINTENANCE BOUNDARIES LIMITS

I. LANDSCAPE PERMIT PROJECT LIMITS (THIS PROJECT):

State Road A1A (South Ocean Boulevard) from M.P. 5.782 to M.P. 5.802

See attached map

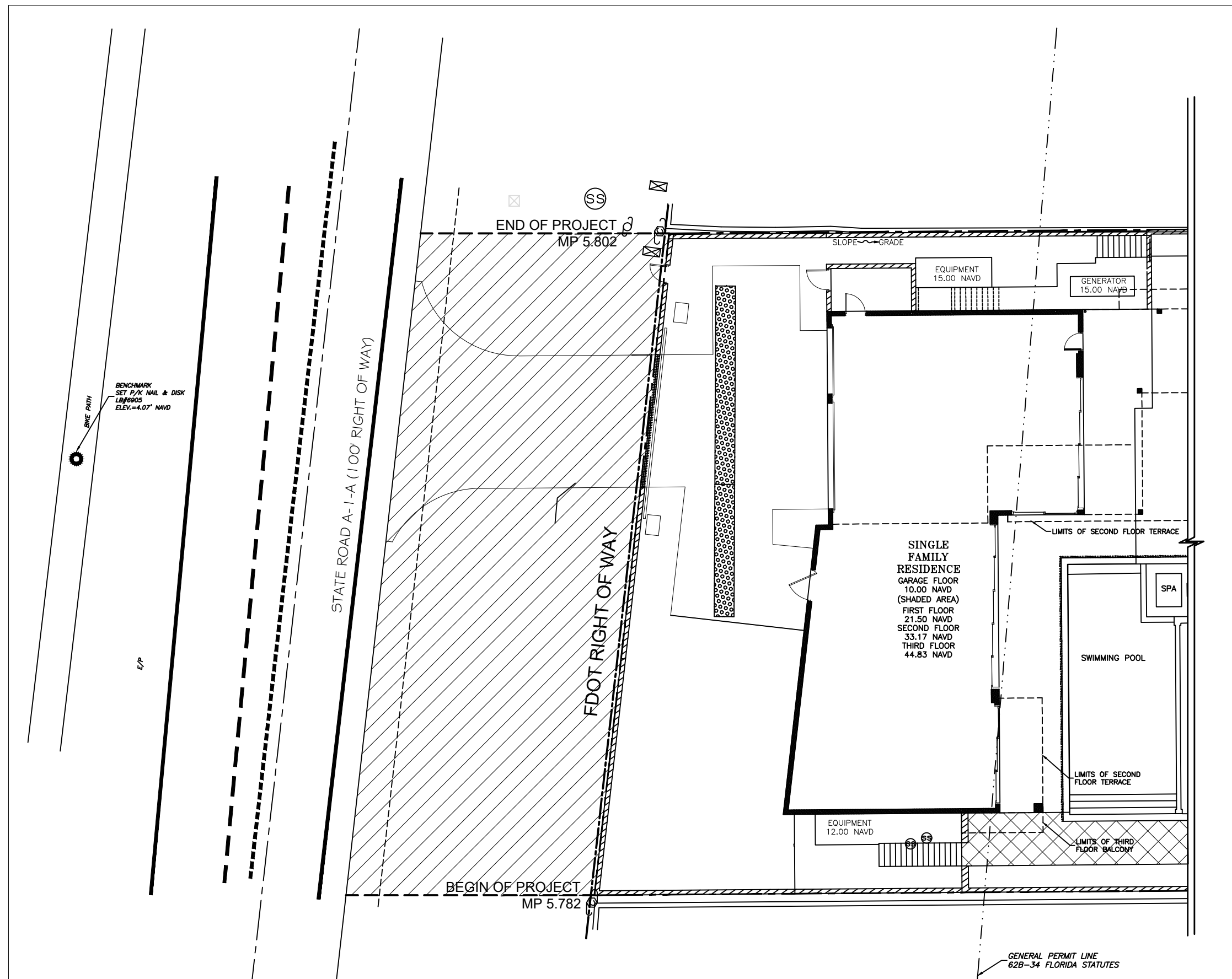
II. ORIGINAL INCLUSIVE LANDSCAPE MAINTENANCE AGREEMENT LIMITS:

State Road A1A (South Ocean Boulevard) from approximately ¼ mile North of Spanish River Blvd (M.P. 4.868) to approximately ½ mile South of Linton Blvd (M.P. 7.711):

*All other limits of the original agreement and amendments shall apply



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



 LIMITS OF MAINTENANCE BY THE CITY OF HIGHLAND BEACH

LANDSCAPE IMPROVEMENTS
MAINTENANCE BOUNDARY MAP
FDOT PERMIT NUMBER
2021-L-496-00008

SECTION No.(s):	93060000
S.R. No.(s):	A1A
Permit No:	2021-L-496-00008
COUNTY:	PALM BEACH

EXHIBIT B

LANDSCAPE IMPROVEMENT PLANS

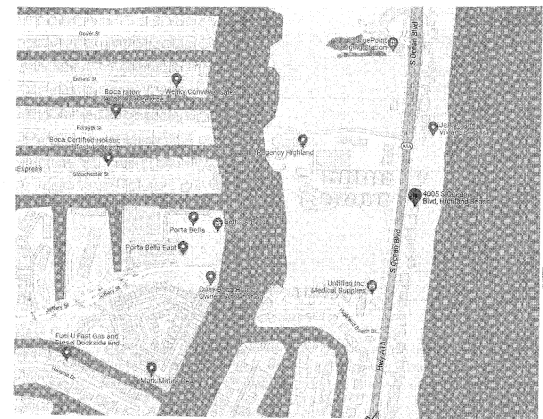
The AGENCY agrees to install the landscape improvements in accordance with the plans and specifications attached hereto and incorporated herein.

Please see attached plans prepared by: Kim Moyer, PLA
Landscape Architecture
January 25, 2022

And: Steven Ocampo
Beacon Irrigation and Lighting
April 8, 2022

LANDSCAPE NOTES

- 1- All plant material shall be Florida No. 1 or better as given in the current Florida Grades and Standards for Nursery Plants, 2015, Florida Department of Agriculture and Consumer Services.
- 2- All plant materials shall be subject to inspection and approval by the Landscape Architect at place of growth and upon delivery for conformity to specification.
- 3- All plants shall be true to species and variety and shall conform to measurements specified. All substitutions shall be submitted to the City and Landscape Architect for final approval.
- 4- All plants shall be exceptionally heavy, symmetrical, tight knit and so trained in appearance as to be superior to form, branching and symmetry.
- 5- Contractor shall notify Sunshine 811 (call 811) for locations of existing utility lines 48 hours prior to beginning work. Contractor shall verify location of all utility lines and easements prior to commencing any work. Excavation in the vicinity of underground utilities shall be undertaken with care and by hand, if necessary. The Contractor bears full responsibility for this work and disruption or damage to utilities shall be repaired immediately at no expense to Owner.
- 6- Grade B+ shredded sterilized Melaleuca or Eucalyptus mulch shall be used in all mass planting beds and for individual tree pits. All trees shall have a mulch ring with a depth of 3" and a diameter of 3'-4' around their base. All mulch shall be kept 4" from base of all plant material. Mulch beds shall be a minimum of 12" wider than plants measured from outside edge of foliage.
- 7- Sod shall be St Augustine and free of weeds, insects, fungus and disease, laid with alternating and abutting joints.
- 8- All trees and shrubs shall be backfilled with a suitable planting soil consisting of 50 percent sand and 50 percent approved compost. All plant materials shall be planted with a minimum of 6 to 18 inches of planting soil around the root ball. Refer to planting details. Planting soil to be backfilled into plant pits by washing in. Planting beds shall be free from road, pea, egg or colored rock, building materials, debris, weeds, noxious pests and disease.
- 9- All sodded areas to have a minimum of 2" of planting soil as described in note #8.
- 10- All trees shall be warranted by the Contractor and will be healthy and in flourishing condition of active growth one year from date of final acceptance.
- 11- All shrubs, groundcovers, vines and sod shall be fully warranted for 90 days under same condition as above.
- 12- All synthetic burlap, synthetic string or cords or wire baskets shall be removed before any trees are planted. All synthetic tape shall be removed from trunks, branches, etc before inspection. The top 1/3 of any natural burlap shall be removed or tucked into the planting hole before trees are backfilled. Planting soil to be backfilled into pits by washing in.
- 13- All trees and palms shall be planted with the top of their rootballs 1'-2" above finished grade. All other plants shall be planted with top of their rootballs no deeper than the final grade surrounding the planting area.
- 14- In areas where paved surfaces abut sod or mulch, the final level of both surfaces should be even.
- 15- All planting shall be installed with fertilizer at time of planting.
- 16- All planting shall be installed in a sound, workmanlike manner and according to good planting procedures. Installation shall include watering, weeding, fertilizing, mulching, selective pruning and removal of refuse and debris on a regular basis so as to present a neat and well kept appearance at all times.
- 17- All landscape and sod areas shall have an automatic irrigation system installed. Coverage should be 100% with 50% minimum overlap using rust free water to all landscape and sod areas. Spray upon public sidewalks, streets and adjacent properties should be minimized. Sodded areas and shrub/groundcover beds should be on separate irrigation zones for a more efficient system. Irrigation system shall be installed with a rainswitch device.
- 18- All landscape and irrigation shall be installed in compliance with all local codes.
- 19- The plan shall take precedence over the plant list, should there be any discrepancy between the two.



Digitally signed by Kimberly Moyer
Date: 2022.01.25
18:05:38 -0500

Kimberly Moyer, RLA
Landscape Architecture
(954) 492-9609
Lic. No. #LA0000962

THESE RECORDS AND DRAWINGS ARE THE
COPYRIGHTED PROPERTY OF IN-SITE DESIGN
GROUP, LLC. THEY MAY NOT BE REPRODUCED
OR TRANSMITTED IN ANY FORM OR BY ANY
MEANS, ELECTRONIC OR MECHANICAL, FOR
ANY PURPOSES WITHOUT THE WRITTEN
CONSENT OF IN-SITE DESIGN GROUP, LLC.
THE CONTRACTOR MUST OBTAIN THE
NECESSARY PERMITS AND BE RESPONSIBLE
FOR THE SAME. REPORTING ANY
DISCREPANCIES TO THE ARCHITECT BEFORE
COMMENCEMENT OF WORK. DRAWINGS ARE NOT
TO BE SCALED.

PROJECT:
HIGHLAND BEACH
RESIDENCE

OWNER:
4005 S. OCEAN BLVD LLC
ADDRESS:
4005 S OCEAN BOULEVARD
HIGHLAND BEACH, FLORIDA
33487

DISTRIBUTION

REVISIONS
08-10-2021
1/11/2021
1/21/2021
1/19/2022

Date of Issue
MAY-23-2017

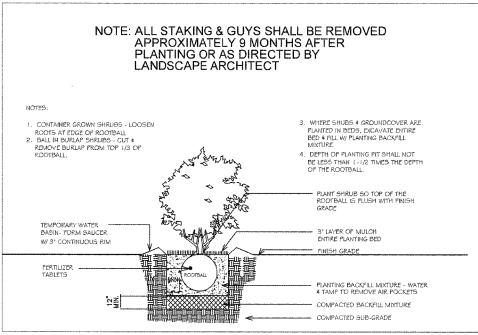
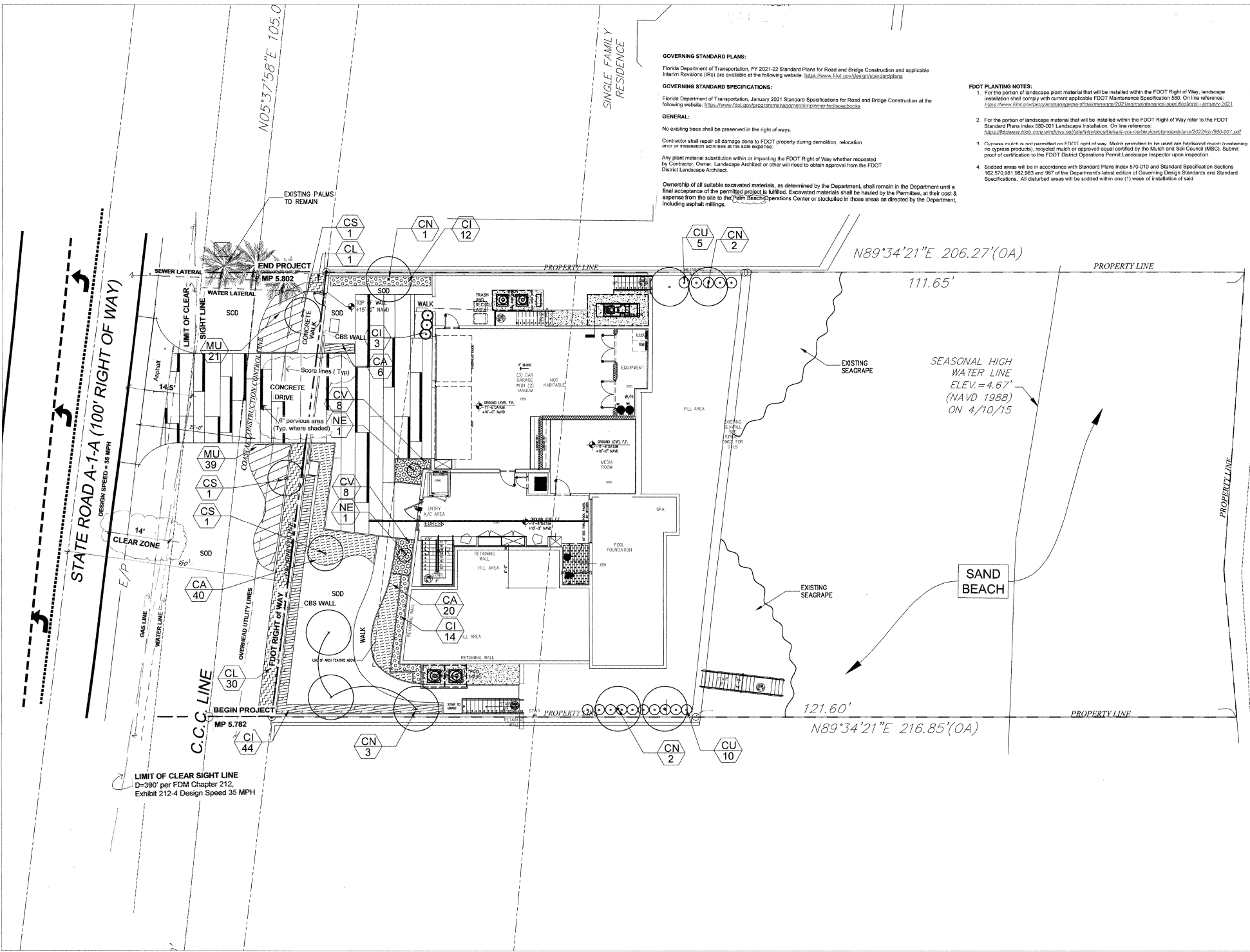
LANDSCAPE PLAN

GOVERNING STANDARD PLANS:
Florida Department of Transportation, FY 2021-22 Standard Plans for Road and Bridge Construction and applicable
Interim Revisions (IRAs) are available at the following website: <https://www.flhwy.com/standard-plans>

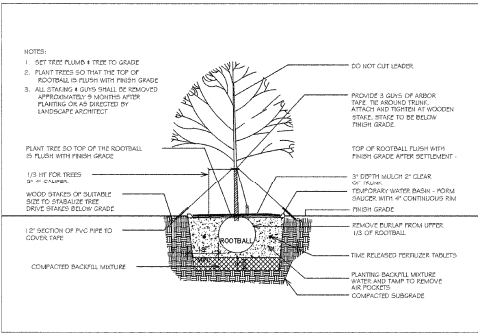
GOVERNING STANDARD SPECIFICATIONS:
Florida Department of Transportation, January 2021 Standard Specifications for Road and Bridge Construction at the
following website: <https://www.flhwy.com/standard-specifications>

GENERAL:
No existing trees shall be preserved in the right of ways.
Contractor shall repair all damage done to FDOT property during demolition, relocation
and/or installation activities at its sole expense.
Any plant material substitution within or impacting the FDOT Right of Way whether requested
by Contractor, Owner, Landscape Architect or other will need to obtain approval from the FDOT
District Landscape Architect.
Ownership of all suitable excavated materials, as determined by the Department, shall remain in the Department until a
final acceptance of the permitted project is fulfilled. Excavated materials shall be hauled by the Permittee, at their cost &
expense from the site to the Palm Beach Operations Center or stockpiled in those areas as directed by the Department,
including asphalt millings.

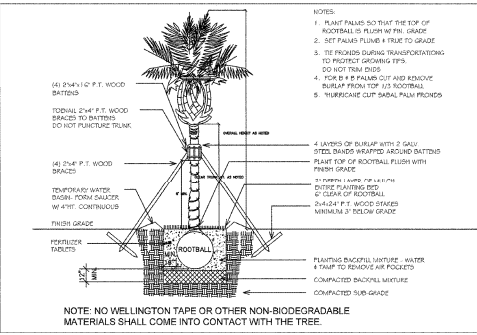
- FOOT PLANTING NOTES:
1. For the portion of landscape plant material that will be installed within the FDOT Right of Way, landscape
installation shall comply with current applicable FDOT Maintenance Specification 580. On line reference:
<https://www.flhwy.com/standard-specifications/580>
2. For the portion of landscape material that will be installed within the FDOT Right of Way refer to the FDOT
Standard Plans Index 580-001 Landscape Installation. On line reference:
<https://www.flhwy.com/standard-plans/580-001>
3. Fertilizer mulch is not permitted on FDOT right of way. Mulch permitted to be used are hardwood mulch (containing
no express products), recycled mulch or approved equal certified by the Mulch and Soil Council (MSC). Submit
proof of certification to the FDOT District Operations Permit Landscape Inspector upon inspection.
4. Sodded areas will be in accordance with Standard Plans Index 570-010 and Standard Specification Sections
162.570.160.180.260 and 167 of the Department's latest edition of Governing Design Standards and Standard
Specifications. All sodded areas will be sodded within one (1) week of installation of said



SHRUB PLANTING DETAIL



TREE STAKING DETAIL



PALM PLANTING DETAIL

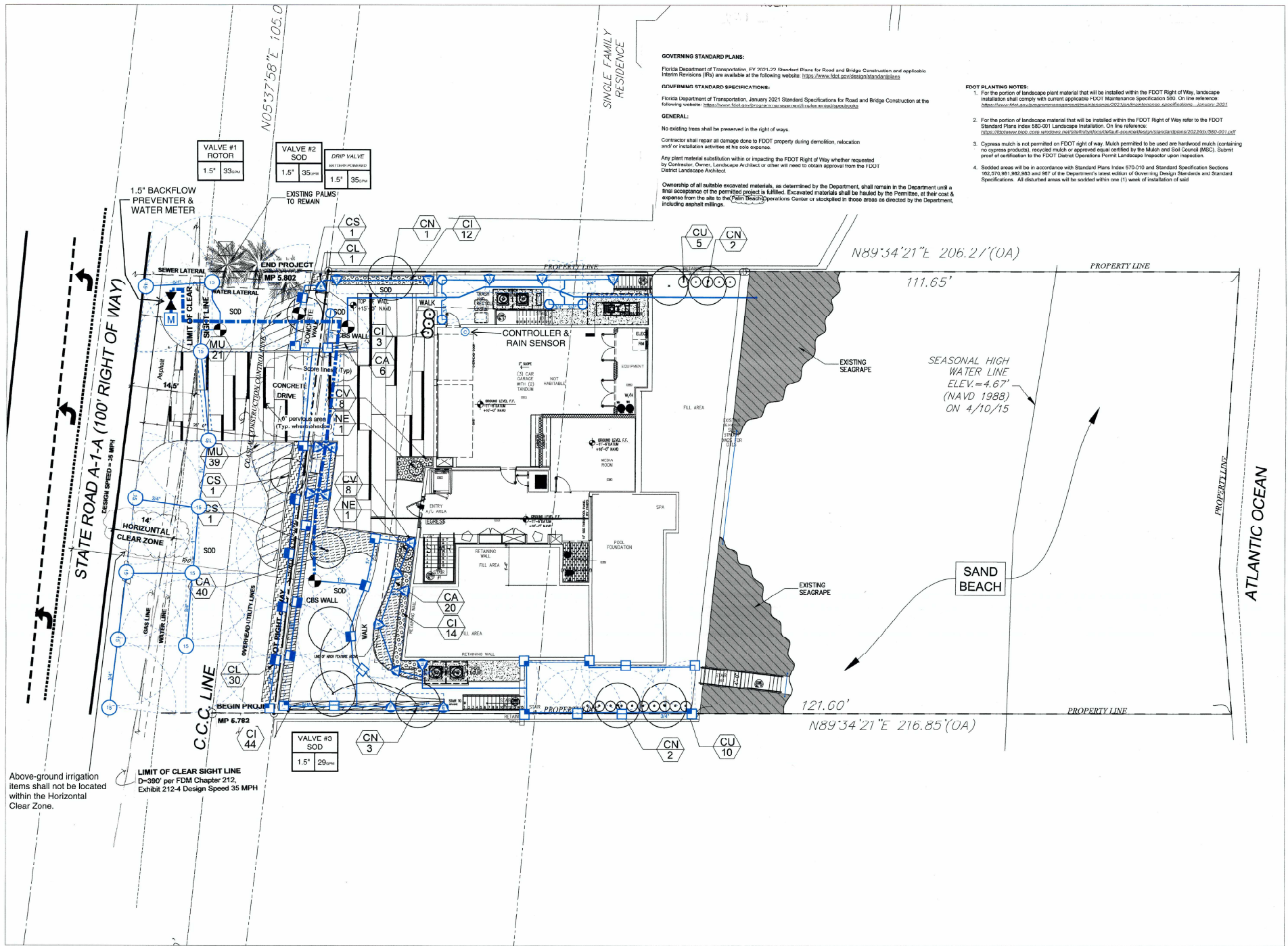
Plant List					
Sym	Qty	Botanical Name	Common Name	Size	
Trees/ Palms					
CS	2	Cordia sebestena	Orange Geiger Tree	14' Ht x 5' Spr, 3" cal	Yes
CN	8	Cocos nucifera 'Green Malayan'	Coconut Palm	8'Ct	No
NE	2	Nerium oleander	White Oleander	8' ht x 4' Spr, std	Yes
Shrubs/ Groundcovers					
CI	74	Chrysobalanus icaco	Cocopium	24" x 24", 24" O.C.	Yes
CL	31	Clusia flava	Small Leaf Clusia	24" x 24", 24" O.C.	No
CV	16	Codiaeum variegatum 'Franklin Roosevelt'	Croton	24" x 24", 24" O.C.	Yes
MU	60	Muhlenbergia capillaris	Muhly Grass	24" x 24", 24" O.C.	Yes
CA	66	Carissa macrocarpa 'Emerald Blanket'	Dwarf Carissa	12" x 16", 18" O.C.	No
CU	15	Coccoloba uvifera	Sea Grape	20" x 20", 36" O.C.	Yes
Sod			St. Augustine		
Mulch			Shredded Melaleuca or Eucalyptus		

FDOT LANDSCAPE PERMIT NUMBER
2021-L-496-00008

1 LANDSCAPE PLAN
SCALE : 1" = 10'-0"



0 10' 20'
Scale: 1" = 10'-0"



Legend	
Description	
	6" POP-UP - 10' - 90-DEGREE SPRAY
	6" POP-UP - 10' - 180-DEGREE SPRAY
	6" POP-UP - 10' - 270-DEGREE SPRAY
	6" POP-UP - 10' - 360-DEGREE SPRAY
	6" POP-UP - 12' - 90-DEGREE SPRAY
	6" POP-UP - 12' - 180-DEGREE SPRAY
	6" POP-UP - 12' - 270-DEGREE SPRAY
	6" POP-UP - 12' - 360-DEGREE SPRAY
	6" POP-UP - END STRIP
	6" POP-UP - FULL STRIP
	12" POP-UP - 10' - 90-DEGREE SPRAY
	12" POP-UP - 10' - 180-DEGREE SPRAY
	12" POP-UP - 10' - 270-DEGREE SPRAY
	12" POP-UP - 10' - 360-DEGREE SPRAY
	12" POP-UP - 12' - 90-DEGREE SPRAY
	12" POP-UP - 12' - 180-DEGREE SPRAY
	12" POP-UP - 12' - 270-DEGREE SPRAY
	12" POP-UP - 12' - 360-DEGREE SPRAY
	12" POP-UP - END STRIP
	12" POP-UP - FULL STRIP
	15" ROTOR
	20" ROTOR
	30" ROTOR
	BUBBLER
	CONTROLLER WITH RAIN SENSOR
	DRIP LINE
	MAIN LINE - 2" SCH 40
	SLEEVES
	VALVE

- FDOT IRRIGATION NOTES**
1. The irrigation system shall use the lowest quality water available which adequately and safely meets the water needs of the system. Storm water, reclaim water, or grey water irrigation shall be used whenever possible.
 2. FDOT requires 24-hour emergency access to water source.
 3. Contractor shall provide FDOT District Operations Manager with a set of "As-Built" irrigation plans.



PROJECT:
HIGHLAND BEACH
RESIDENCE

OWNER:
4005 S. OCEAN BLVD LLC
ADDRESS:
4005 S OCEAN BOULEVARD
HIGHLAND BEACH, FLORIDA
33487



APRIL 08, 2022

IRRIGATION PLAN

IR1

FDOT LANDSCAPE PERMIT NUMBER
2021-L-496-00008

1 IRRIGATION PLAN
SCALE : 1" = 10'-0"

