

RECEIVED
By yfigueroa at 2:31 pm, Mar 07, 2023

ISSUE	DATE
ARCOM	08.12.22
ARCOM	11.18.22
ARCOM	02.22.23
ARCOM	03.06.23

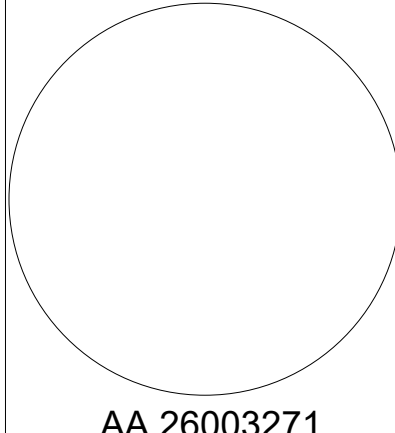
ALL DESIGNS, IDEAS, ARRANGEMENTS, AND INFORMATION REPRESENTED BY THIS DRAWING ARE THE PROPERTY OF B1 ARCHITECT AND, WHERE CREATED, DEVELOPED AND EVOLVED FOR THE SPECIFIC PROJECT ON WHICH NONE OF THE DESIGN, IDEAS AND ARRANGEMENTS SHOULD BE USED BY OR DISCLOSED TO ANY PERSON, FIRM OR CORPORATION FOR ANY PURPOSE WITHOUT A WRITTEN PERMISSION OF THE ARCHITECT. DIMENSIONS SHOULD BE VERIFIED BY THE CONTRACTOR WHO SHALL BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS OF THE JOB. WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL NOTIFY THE OFFICE OF ANY VARIATIONS IN DIMENSIONS AND CONDITIONS SHOWN ON THIS DRAWING. SHOP DETAILS WITH ADEQUATE DIMENSIONING AND SCALE MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION OF THE ITEMS INDICATED.



SOUTH ELEVATION RENDERING

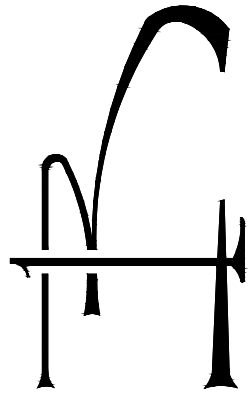
NEW SINGLE FAMILY RESIDENCE :
PRIVATE RESIDENCE
240 OLEANDER AVENUE
PALM BEACH, FL 33480

GREGORY BONNER, AIA

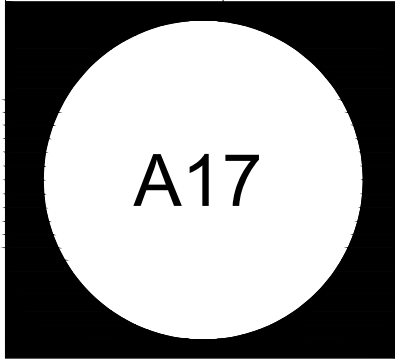


AA 26003271

B1 ARCHITECT
139 NORTH COUNTY ROAD STE. 18C
PALM BEACH FLORIDA 33480
(561) 312-3453



JOB NO.	2400LE
PLOT DATE	02.17.22
SCALE	AS NOTED
DRAWN BY	RR



ARC: 22-126
ZON-22-088
MARCH 28, 2022

Notes:

- Exfiltration trenches and storm piping to be protected from roots with a root barrier.
- Roof drain downspouts are to be connected to the proposed drainage system. Contractor to provide engineer with downspout locations prior to installation of drainage system.
- Exfiltration trench design uses an assumed value of hydraulic conductivity. Client may obtain a site specific test for hydraulic conductivity prior to exfiltration trench installation.
- Contractor shall mill and overlay all roadway cuts a minimum of 50 ft. on either side of the excavation the entire width of each affected lane.
- Contractor is responsible for installing and maintaining erosion control measures during construction.
- Video inspection of storm drainage system required prior to installation of sod.

STORMWATER RETENTION CALCULATIONS
(Basin A)

A. SITE INFORMATION

Total Property Area = 8,500 sq.ft.
Drainage Basin Area = 5,209 sq.ft.
Drainage Basin Impervious Surface Area = 2,802 sq.ft.
Drainage Basin Pervious Surface Area = 2,407 sq.ft.

B. ESTIMATED STORMWATER RETENTION VOLUME

The retention volume is estimated using the Rational Method ($Q=CiA$) where:
 $C=1.0$ (impervious surface)
 $C=0.2$ (pervious surface)
 $i=2$ in/hr

Impervious Surface Runoff Volume:
 $1.0 \times 2 \text{ in/hr} \times 2,802 \text{ sq.ft.} \times 1 \text{ ft./12 in.} = 467 \text{ cu.ft.}$

Pervious Runoff Volume:
 $0.2 \times 2 \text{ in/hr} \times 2,407 \text{ sq.ft.} \times 1 \text{ ft./12 in.} = 81 \text{ cu.ft.}$

Total Volume to be Retained = 548 cu.ft.

C. PROPOSED EXFILTRATION TRENCH SIZING

Exfiltration Trench #A-1
L = Total Length of Trench Provided = 50 ft
W = Trench Width = 6 ft
K = Hydraulic Conductivity = 0.00005 cfs/sq.ft./ft. of head
H2 = Depth to Water Table = 3.25 ft
DU = Un-Saturated Trench Depth = 3.00 ft
DS = Saturated Trench Depth = 0.00 ft
V = Volume Treated = 726 cu.ft.

STORMWATER RETENTION CALCULATIONS
(Basin B)

A. SITE INFORMATION

Total Property Area = 8,500 sq.ft.
Drainage Basin Area = 1,836 sq.ft.
Drainage Basin Impervious Surface Area = 1,038 sq.ft.
Drainage Basin Pervious Surface Area = 798 sq.ft.

B. ESTIMATED STORMWATER RETENTION VOLUME

The retention volume is estimated using the Rational Method ($Q=CiA$) where:
 $C=1.0$ (impervious surface)
 $C=0.2$ (pervious surface)
 $i=2$ in/hr

Impervious Surface Runoff Volume:
 $1.0 \times 2 \text{ in/hr} \times 1,038 \text{ sq.ft.} \times 1 \text{ ft./12 in.} = 173 \text{ cu.ft.}$

Pervious Runoff Volume:
 $0.2 \times 2 \text{ in/hr} \times 798 \text{ sq.ft.} \times 1 \text{ ft./12 in.} = 27 \text{ cu.ft.}$

Total Volume to be Retained = 200 cu.ft.

C. PROPOSED EXFILTRATION TRENCH SIZING

Exfiltration Trench #B-1
L = Total Length of Trench Provided = 40 ft
W = Trench Width = 10 ft
K = Hydraulic Conductivity = 0.00005 cfs/sq.ft./ft. of head
H2 = Depth to Water Table = 1.75 ft
DU = Un-Saturated Trench Depth = 1.00 ft
DS = Saturated Trench Depth = 1.00 ft
V = Volume Treated = 372 cu.ft.

STORMWATER RETENTION CALCULATIONS
(Basin C)

A. SITE INFORMATION

Total Property Area = 8,500 sq.ft.
Drainage Basin Area = 715 sq.ft.
Drainage Basin Impervious Surface Area = 284 sq.ft.
Drainage Basin Pervious Surface Area = 431 sq.ft.

B. ESTIMATED STORMWATER RETENTION VOLUME

The retention volume is estimated using the Rational Method ($Q=CiA$) where:
 $C=1.0$ (impervious surface)
 $C=0.2$ (pervious surface)
 $i=2$ in/hr

Impervious Surface Runoff Volume:
 $1.0 \times 2 \text{ in/hr} \times 284 \text{ sq.ft.} \times 1 \text{ ft./12 in.} = 48 \text{ cu.ft.}$

Pervious Runoff Volume:
 $0.2 \times 2 \text{ in/hr} \times 431 \text{ sq.ft.} \times 1 \text{ ft./12 in.} = 15 \text{ cu.ft.}$

Total Volume to be Retained = 63 cu.ft.

C. PROPOSED EXFILTRATION TRENCH SIZING

Exfiltration Trench #C-1
L = Total Length of Trench Provided = 15 ft
W = Trench Width = 10 ft
K = Hydraulic Conductivity = 0.00005 cfs/sq.ft./ft. of head
H2 = Depth to Water Table = 1.33 ft
DU = Un-Saturated Trench Depth = 0.50 ft
DS = Saturated Trench Depth = 0.50 ft
V = Volume Treated = 80 cu.ft.

STORMWATER RETENTION CALCULATIONS
(Basin D)

A. SITE INFORMATION

Total Property Area = 8,500 sq.ft.
Drainage Basin Area = 740 sq.ft.
Drainage Basin Impervious Surface Area = 281 sq.ft.
Drainage Basin Pervious Surface Area = 459 sq.ft.

B. ESTIMATED STORMWATER RETENTION VOLUME

The retention volume is estimated using the Rational Method ($Q=CiA$) where:
 $C=1.0$ (impervious surface)
 $C=0.2$ (pervious surface)
 $i=2$ in/hr

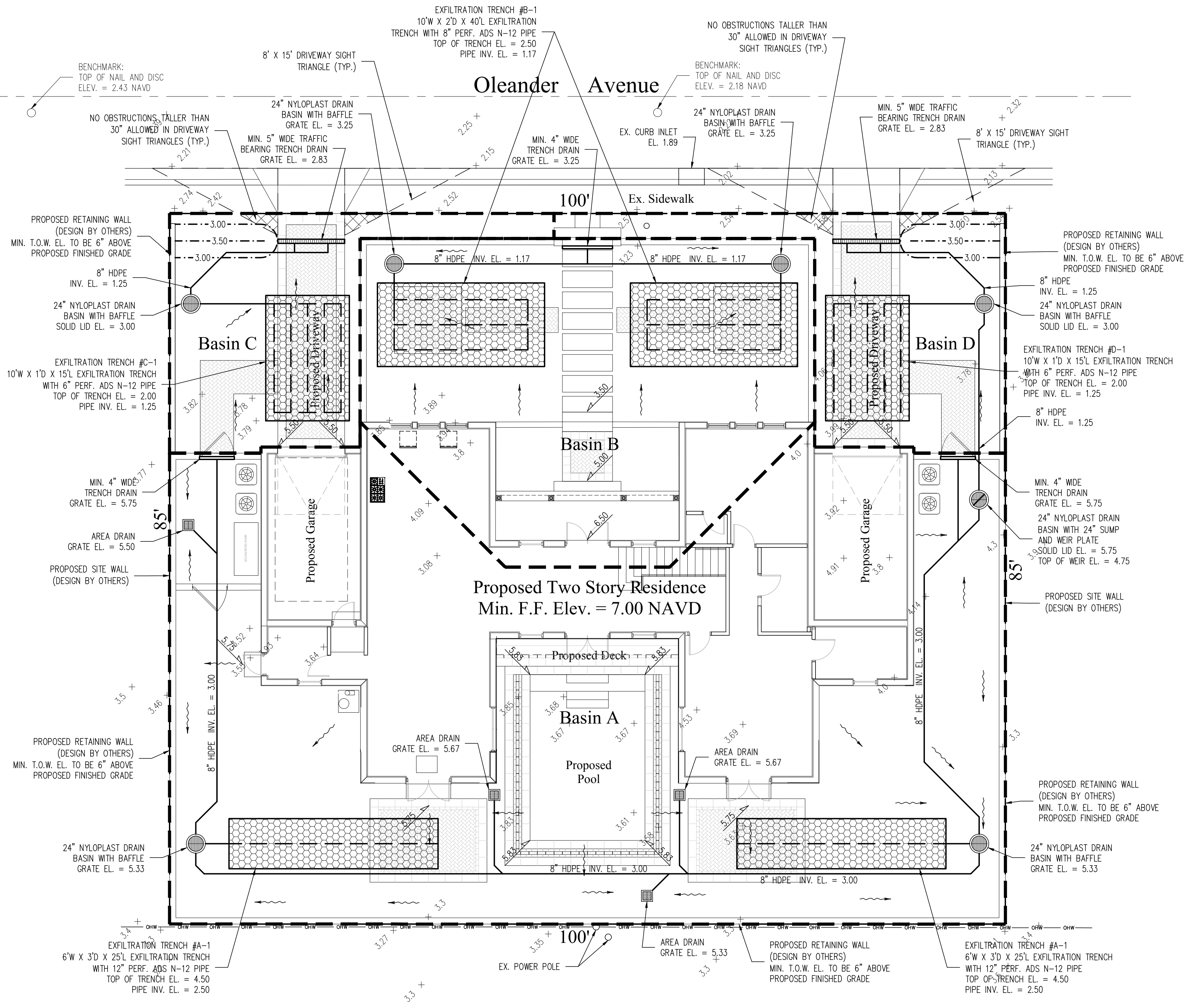
Impervious Surface Runoff Volume:
 $1.0 \times 2 \text{ in/hr} \times 281 \text{ sq.ft.} \times 1 \text{ ft./12 in.} = 47 \text{ cu.ft.}$

Pervious Runoff Volume:
 $0.2 \times 2 \text{ in/hr} \times 459 \text{ sq.ft.} \times 1 \text{ ft./12 in.} = 16 \text{ cu.ft.}$

Total Volume to be Retained = 63 cu.ft.

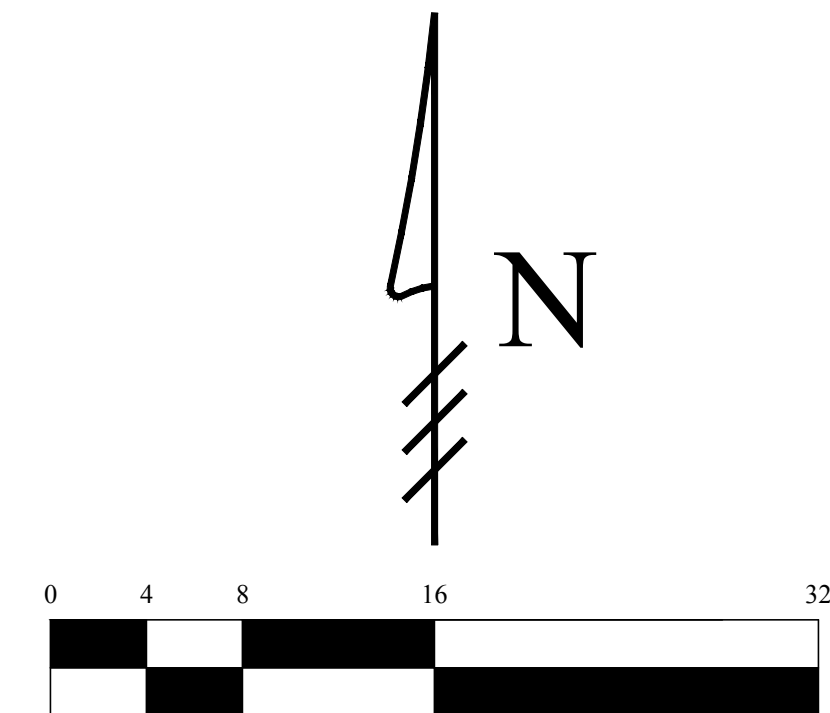
C. PROPOSED EXFILTRATION TRENCH SIZING

Exfiltration Trench #D-1
L = Total Length of Trench Provided = 15 ft
W = Trench Width = 10 ft
K = Hydraulic Conductivity = 0.00005 cfs/sq.ft./ft. of head
H2 = Depth to Water Table = 1.33 ft
DU = Un-Saturated Trench Depth = 0.50 ft
DS = Saturated Trench Depth = 0.50 ft
V = Volume Treated = 80 cu.ft.



Legend

- EXISTING ELEVATION PER WALLACE SURVEYING CORP. (NAVD-88)
- PROPOSED ELEVATION (NAVD-88)
- PROPOSED ELEVATION CONTOUR (NAVD-88)
- FLOW DIRECTION
- EXFILTRATION TRENCH
- AREA DRAIN
- 24" NYLOPLAST DRAIN BASIN WITH BAFFLE



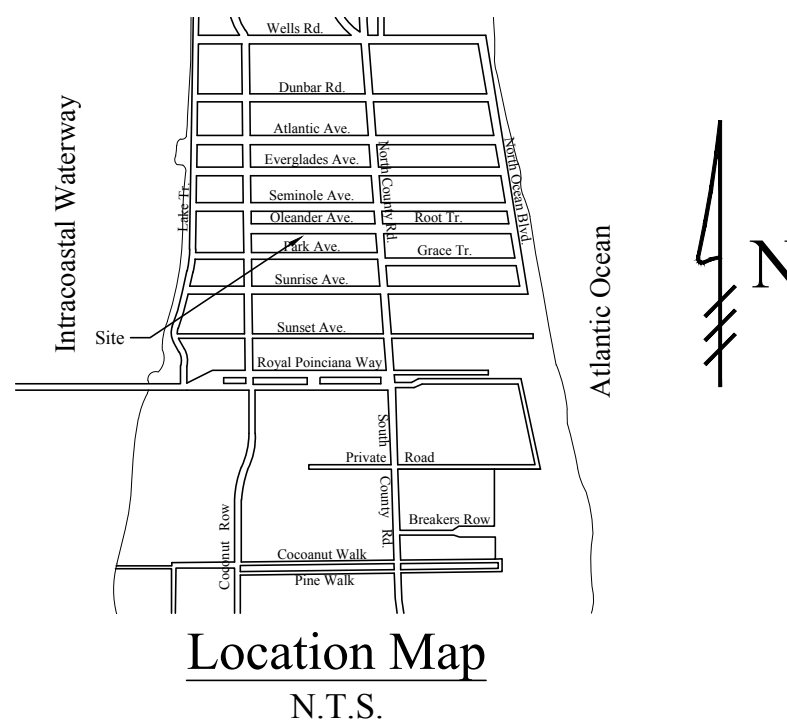
Scale: 1/8" = 1'-0"

- 07/28/22 UPDATE PLAN BACKGROUND; REVISE PROPOSED GRADING AND DRAINAGE
- 10/31/22 UPDATE PLAN BACKGROUND; REVISE PROPOSED GRADING AND DRAINAGE
- 02/06/23 UPDATE PLAN BACKGROUND; REVISE PROPOSED GRADING AND DRAINAGE; REVISE CALCULATIONS

Plan Background from Hardscape Plan by Environment Design Group Received 1/30/23

ARC-22-126
ZON-22-088
© 2023 Gruber Consulting Engineers, Inc.

48 HOURS BEFORE DIGGING
CALL
1-800-432-4770
SUNSHINE STATE ONE CALL
OF FLORIDA, INC.
Contractor is responsible for obtaining
location of existing utilities prior to
commencement of construction activities.



Gruber Consulting
Engineers, Inc.
5754 MERCER AVE., SUITE 305
WEST PALM BEACH, FL 33409
PHONE: 863.12.2841
office@gruberengineers.com

Project Information				
Project No.	2022-0027	Issue Date	05/26/2022	Scale
Scale	1" = 10'	Drawn By	KM	Checked By
			CG	

Conceptual Site Grading & Drainage Plan For:
Proposed Residence
Palm Beach, Florida
240 Oleander Avenue

Revisions	
1	07/28/2022
2	10/31/2022
3	02/06/2023
4	
5	
6	
7	
8	
9	
10	

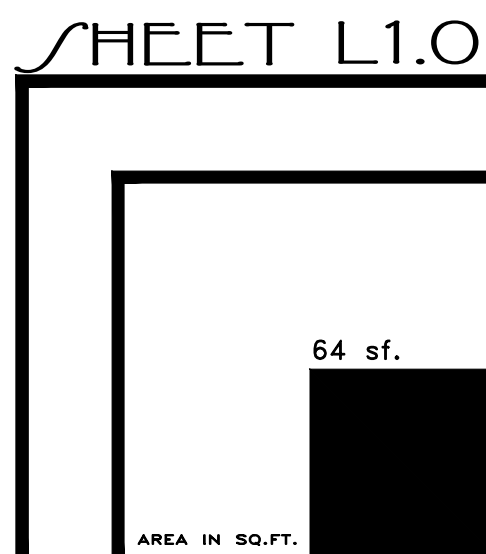
Chad M. Gruber

FL P.E. No. 57466

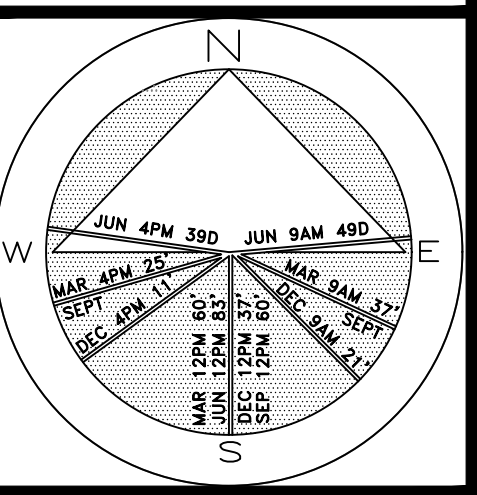
Sheet No.

C-1

JOB NUMBER: # 22013.00 LA
 DRAWN BY: Alex Bugrii
 DATE: 03.14.2022

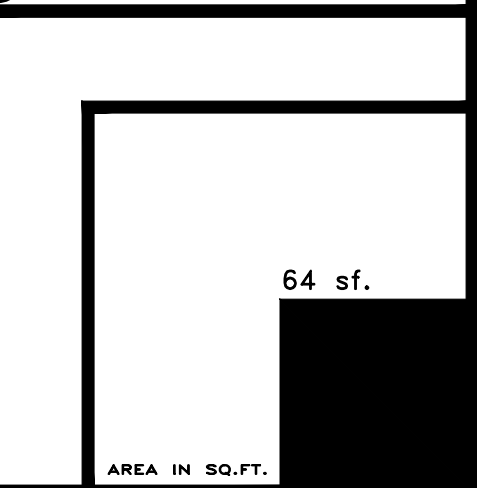


Private Residence
240 Oleander Ave
Palm Beach

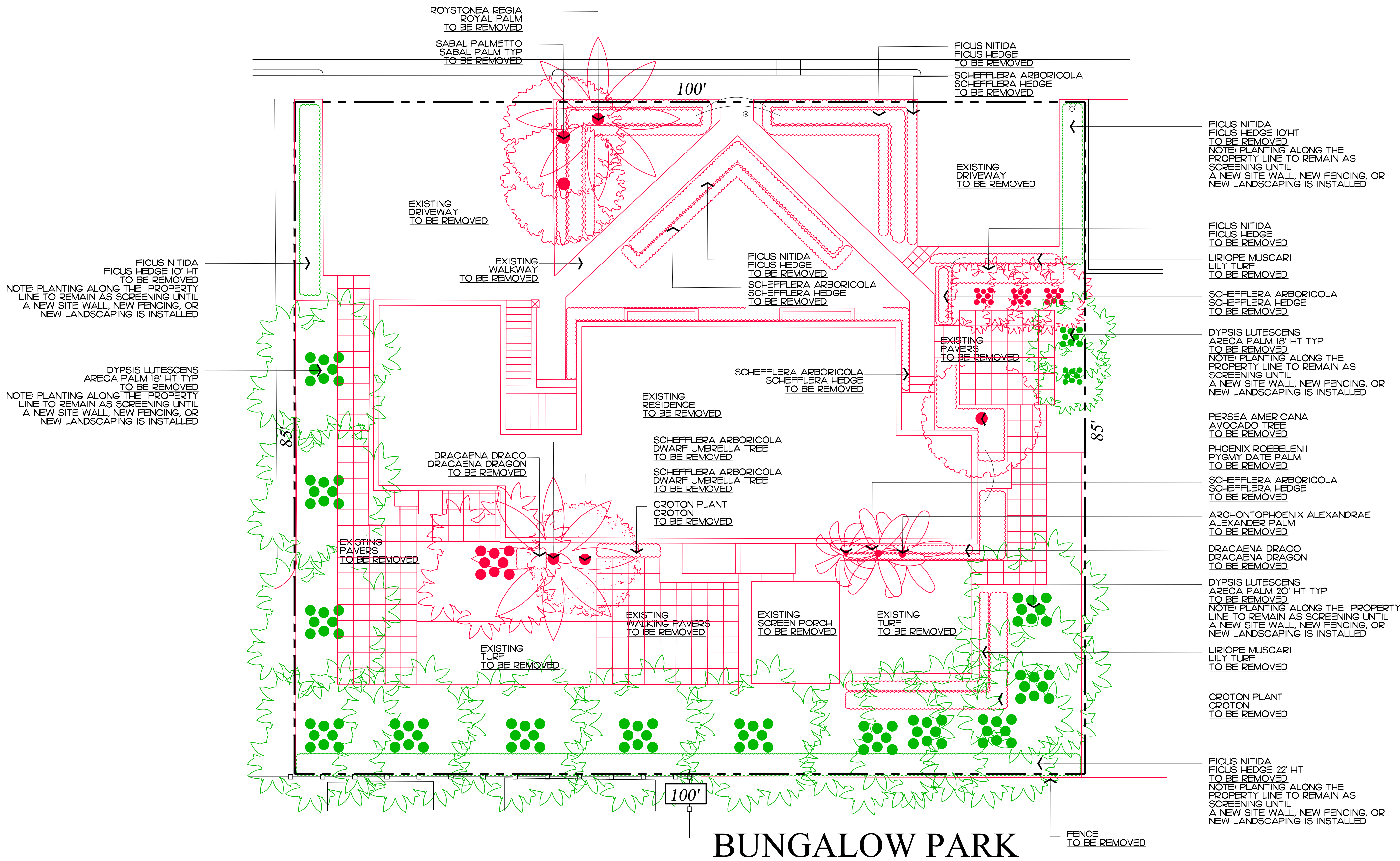


JOB NUMBER: # 22013.00 LA
DRAWN BY: Alex Eugrini
DATE: 04.20.2022

SHEET L2.0



OLEANDER AVE.



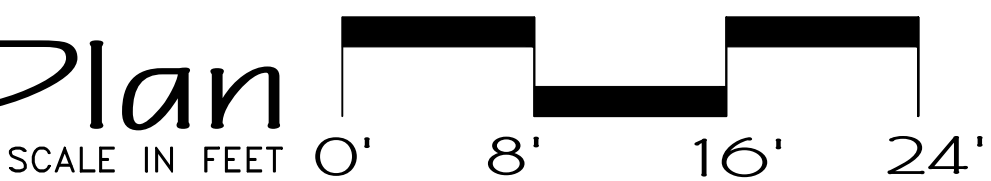
BUNGALOW PARK

COPYRIGHT: 2022
The following drawings are statements of service to the Landscape Architect. They are not products of design. All ideas, designs, arrangements and plans indicated or represented by this/these drawings are owned by and the property of the designer, and were created, evolved and developed for use on and in connection with this project. None of such ideas, designs, arrangements or plans shall be used by or disclosed to any person, firm or corporation without the written permission of the Landscape Architect.

DISCLAIMER: 2022
Construction, as the term is generally understood, and that ENVIRONMENT DESIGN GROUP does not provide landscape architectural services during construction, including on-site monitoring, site visits, shop drawing review, design clarification, etc., the client agrees to indemnify and hold harmless ENVIRONMENT DESIGN GROUP from any liability arising from, acts or omissions in the performance of said services during construction by the client, and his/her agents, employees, or subcontractors.

48 HOURS BEFORE DIGGING
CALL TOLL FREE
1-800-432-4770
SUNSHINE STATE ONE CALL
OF FLORIDA, INC.

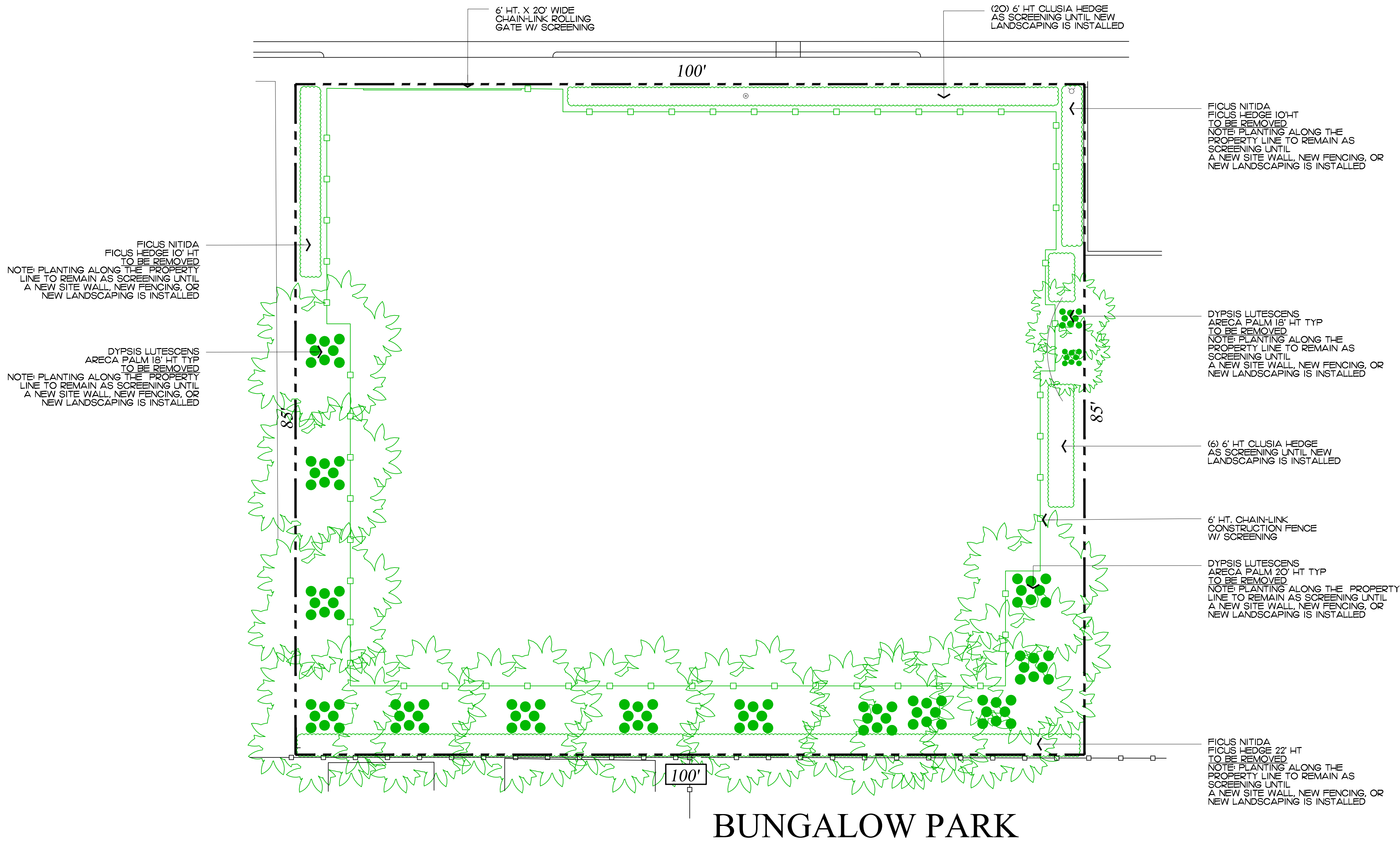
ZON-22-088
ARCOM# ARC-22-126
Demolition and Vegetation Action Plan



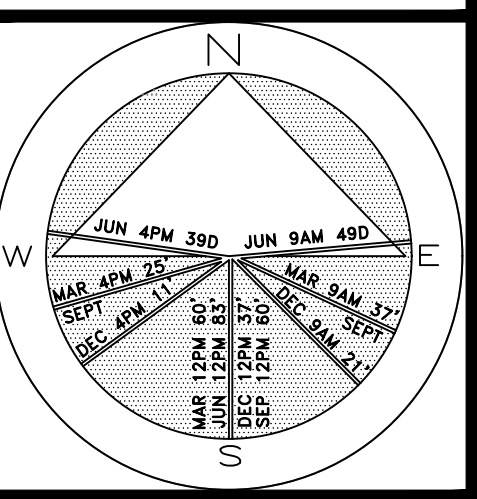
64 sf.

AREA IN SQ.FT.

OLEANDER AVE.



Private Residence
240 Oleander Ave
Palm Beach



JOB NUMBER: # 22013.00 LA
DRAWN BY: Alex Eugrui
DATE: 04.20.2021

SHEET L3.0

ZON-22-088
ARCOM# ARC-22-126

Construction Screening Plan

SCALE IN FEET 0' 8' 16' 24'

64 sf.

AREA IN SQ.FT.

COPYRIGHT: 2022
The following drawings are instruments of service to the Landscape Architect. They are not products of design. All ideas, designs, arrangements and plans indicated or represented by this/these drawings are owned by and the property of the designer, and were created, evolved and developed for use on and in connection with this project. None of such ideas, designs, arrangements or plans shall be used by or disclosed to any person, firm or corporation without the written permission of the Landscape Architect.

DISCLAIMER: 2022
Construction, as the term is generally understood, and that ENVIRONMENT DESIGN GROUP does not provide landscape architectural services during construction, including on-site monitoring, site visits, shop drawing review, design clarification, etc., the client agrees to indemnify and hold harmless ENVIRONMENT DESIGN GROUP from any liability arising from, acts or omissions in the performance of said services during construction by the client, and his/her agents, employees, or subcontractors.

48 HOURS BEFORE DIGGING
CALL TOLL FREE
1-800-432-4770
SUNSHINE STATE ONE CALL
OF FLORIDA, INC.



Existing East Buffer



Existing North Buffer



Existing West Buffer



Existing South Buffer



Existing South Buffer



Existing Southeast Buffer

ENVIRONMENT
DESIGN
GROUP

139 North County Road 5420-8 Palm Beach, FL 33480

Phone: 561.832.4600 Mobile: 561.313.4424

Landscape Architecture

Land Planning

Landscape Management

Dustin M. Mizell, M.L.A. #6666784

Dustin@environmentdesigngroup.com

Private Residence
240 Oleander Ave
Palm Beach

JOB NUMBER: # 22013.00 LA
DRAWN BY: Alex Eugrui
DATE: 04.20.2022

SHEET L4.0

COPYRIGHT: 2022

The following drawings are instruments of service to the Landscape Architect. They are not products of design. All ideas, designs, arrangements and plans indicated or represented by this/these drawings are owned by and the property of the designer, and were created, evolved and developed for use on and in connection with this project. None of such ideas, designs, arrangements or plans shall be used by or disclosed to any person, firm or corporation without the written permission of the Landscape Architect.

DISCLAIMER: 2022

Construction, as the term is generally understood, and that ENVIRONMENT DESIGN GROUP does not provide landscape architectural services during construction, including on-site monitoring, site visits, shop drawing review, design clarification, etc., the client agrees to indemnify and hold harmless ENVIRONMENT DESIGN GROUP from any liability arising from, acts or omissions in the performance of said services during construction by the client, and his/her agents, employees, or subcontractors.

48 HOURS BEFORE DIGGING

CALL TOLL FREE

1-800-432-4770

SUNSHINE STATE ONE CALL

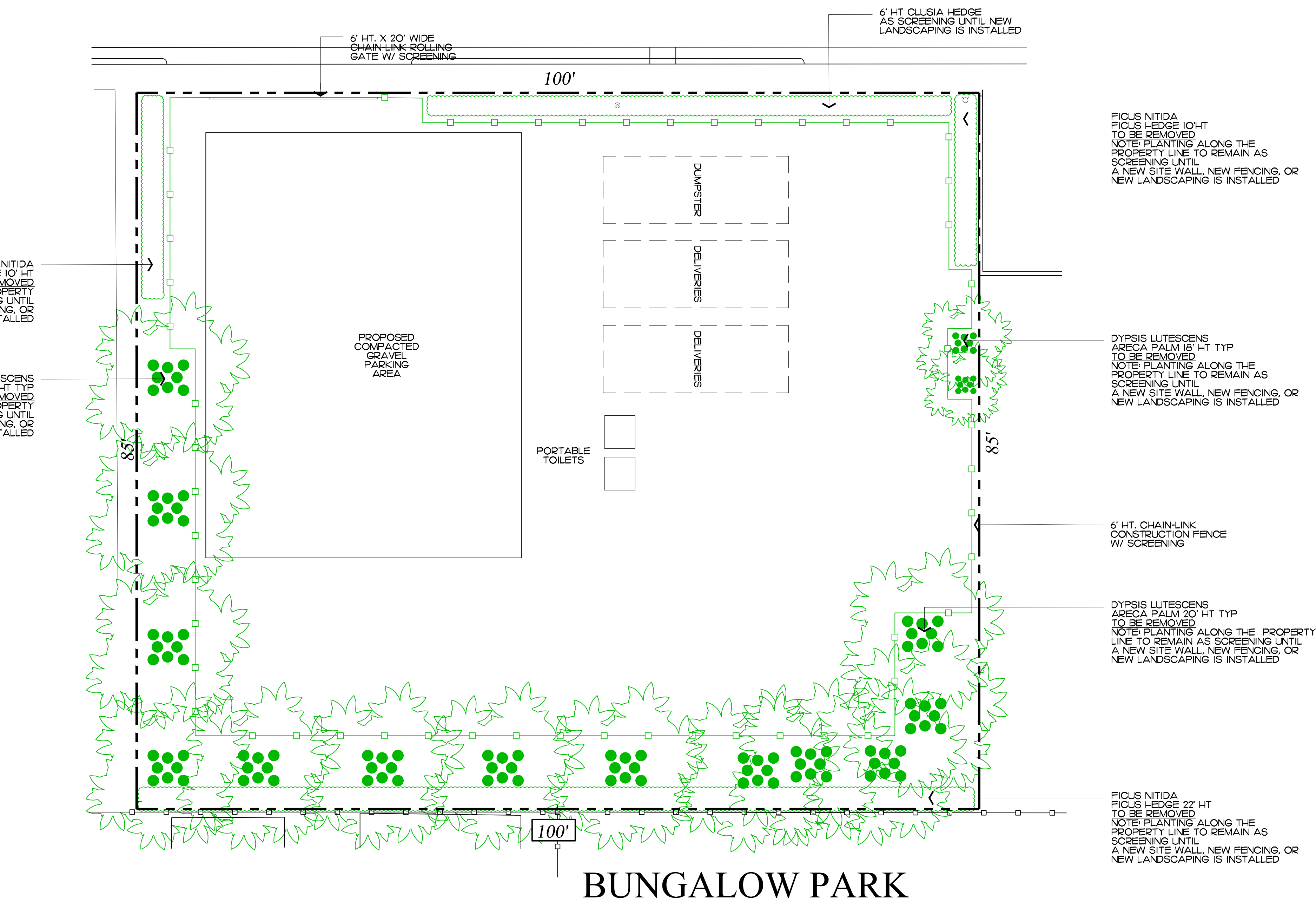
OF FLORIDA, INC.

ZON-22-088

ARCOM# ARC-22-126

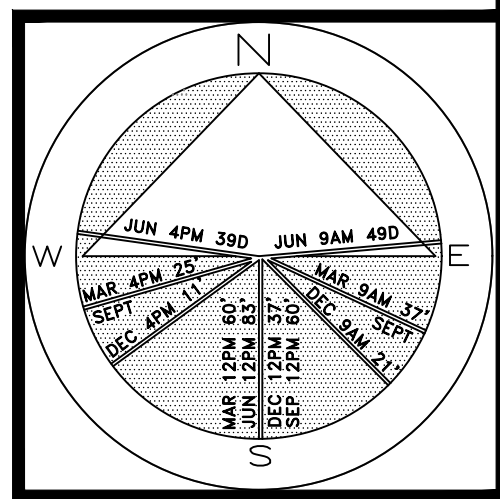
Existing Landscape Buffer Images

OLEANDER AVE.



NOTE:
INTERIOR TREES AND PALMS WILL BE REMOVED WHEN NECESSARY FOR SITE UTILIZATION AND CONSTRUCTION DEVELOPMENT. A CONSTRUCTION SCREEN WILL BE ADDED IN THESE AREAS UNTIL SITE WALLS, NEW FENCING, OR NEW LANDSCAPING IS INSTALLED. AT NO TIME SHALL THE SITE BE OPEN TO ADJACENT PROPERTIES WITHOUT ANY PERMANENT OR TEMPORARY SCREENING DURING CONSTRUCTION.

Private Residence
240 Oleander Ave
Palm Beach



JOB NUMBER: # 22013.00 LA
DRAWN BY: Alex Eugrifi
DATE: 04.20.2022

48 HOURS BEFORE DIGGING
CALL TOLL FREE
1-800-432-4770
SUNSHINE STATE ONE CALL
OF FLORIDA, INC.

Private Residence
240 Oleander Ave
Palm Beach

A
D
R
O
L
F

CONCEPTUAL CONSTRUCTION SCHEDULE	
• FEB 6TH 2023	- ARCOM MEETING
• MAR 15TH 2023	- TOWN COUNCIL
• JUL-AUG 2023	- SUBMIT FOR PERMIT
• 1 MONTH -SEP 2023	- MOBILIZATION & DEMOLITION OF EXISTING STRUCTURES
• 2 MONTHS	- SITE/BUILDING PREPARATION
• 1.5 MONTHS	- FOUNDATION
• 2.5 MONTHS	- BLOCK DELIVERIES & CONC. POURS
• 1 MONTH	- ROOF TRUSS DELIVERY AND SET TRUSSES
• 1.5 MONTHS	- WINDOW/DOOR DELIVERIES AND INSTALLATION
• .5 MONTH	- DRY-IN
• 1.5 MONTHS	- INTERIOR FRAMING
• 2 MONTHS	- ROUGH-IN
• .5 MONTH	- DRY WALL
• 6 MONTHS	- FINISHES
• 2 MONTHS	- LANDSCAPE & HARDSCAPE INSTALLATION
• 2 MONTHS	- FINAL INSPECTIONS
• +/-24 MONTHS	- PROPOSED TOTAL CONSTRUCTION FOLLOWING BUILDING PERMIT

1 PROPOSED TRUCK INGRESS / EGRESS ROUTES MAP

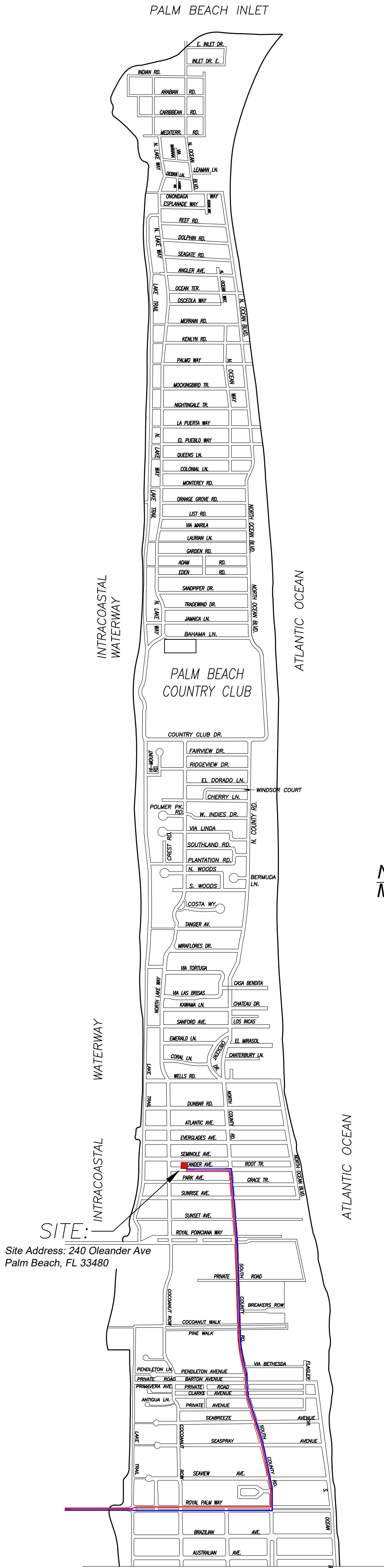
SCHEDULE:

MONTH 1: DEMOLITION AND CLEANUP
(3 - 5 DAYS)

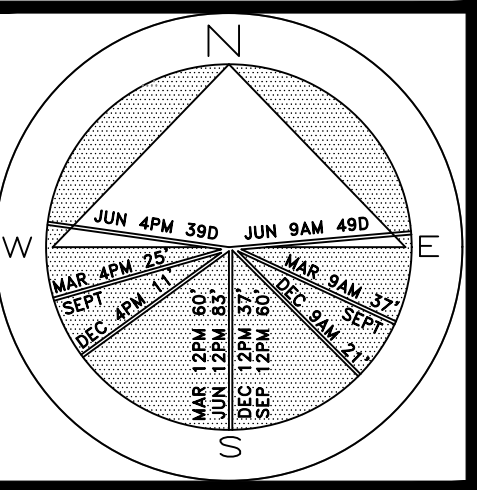
LARGEST TRUCK ->
10-15 DUMP TRUCKS FOR DEBRIS REMOVAL
TRAILER FOR EXCAVATOR / DEMOLITION
LANDSCAPE TRUCKS ->
SOD
IRRIGATION

NOTE: SEE SEPARATE "CONSTRUCTION STAGING PLAN" SHEET FOR INFORMATION ON LOCATIONS FOR PARKING, MATERIAL STORAGE, DELIVERIES, DUMPSTER, PORTABLE TOILETS, TIRE CLEANING AREA, SILT FENCE, ETC.

- PROPOSED INGRESS TRUCK ROUTE
- PROPOSED EGRESS TRUCK ROUTE



SITE:
Site Address: 240 Oleander Ave
Palm Beach, FL 33480



JOB NUMBER: # 22013.00 LA
DRAWN BY: Alex Eugrui
DATE: 04.20.2022

SHEET L6.0

ZON-22-088
ARCOM# ARC-22-126

Truck Logistics Plan

SCALE: NOT TO SCALE

2022
COPYRIGHT: The following drawings are instruments of service to the Landscape Architect. They are not products of design. All ideas, designs, arrangements and plans indicated or represented by this/these drawings are owned by and the property of the designer, and were created, evolved and developed for use on and in connection with this project. None of such ideas, designs, arrangements or plans shall be used by or disclosed to any person, firm or corporation without the written permission of the Landscape Architect.

2022
DISCLAIMER: Construction, as the term is generally understood, and that ENVIRONMENT DESIGN GROUP does not provide landscape architectural services during construction, including on-site monitoring, site visits, shop drawing review, design clarification, etc., the client agrees to indemnify and hold harmless ENVIRONMENT DESIGN GROUP from any liability arising from, acts or omissions in the performance of said services during construction by the client, and his/her agents, employees, or subcontractors.

48 HOURS BEFORE DIGGING
CALL TOLL FREE
1-800-432-4770
SUNSHINE STATE ONE CALL
OF FLORIDA, INC.

Architectural site plan for a proposed residence on Oleander Ave. and Bungalow Park. The plan shows a 100' x 85' lot with a central "PROPOSED RESIDENCE FFE +7.0 NAVD" and a "POOL 13' X 17'". The residence includes a kitchen, dining area, living area, and bedrooms. The pool is surrounded by a deck and landscaping. The plan also shows setbacks, easements, and various utility lines. Elevation markers are provided throughout the site.

CORAL STONE

48 HOURS BEFORE DIGGING
CALL TOLL FREE
1-800-432-4770
SUNSHINE STATE ONE CALL
OF FLORIDA, INC.

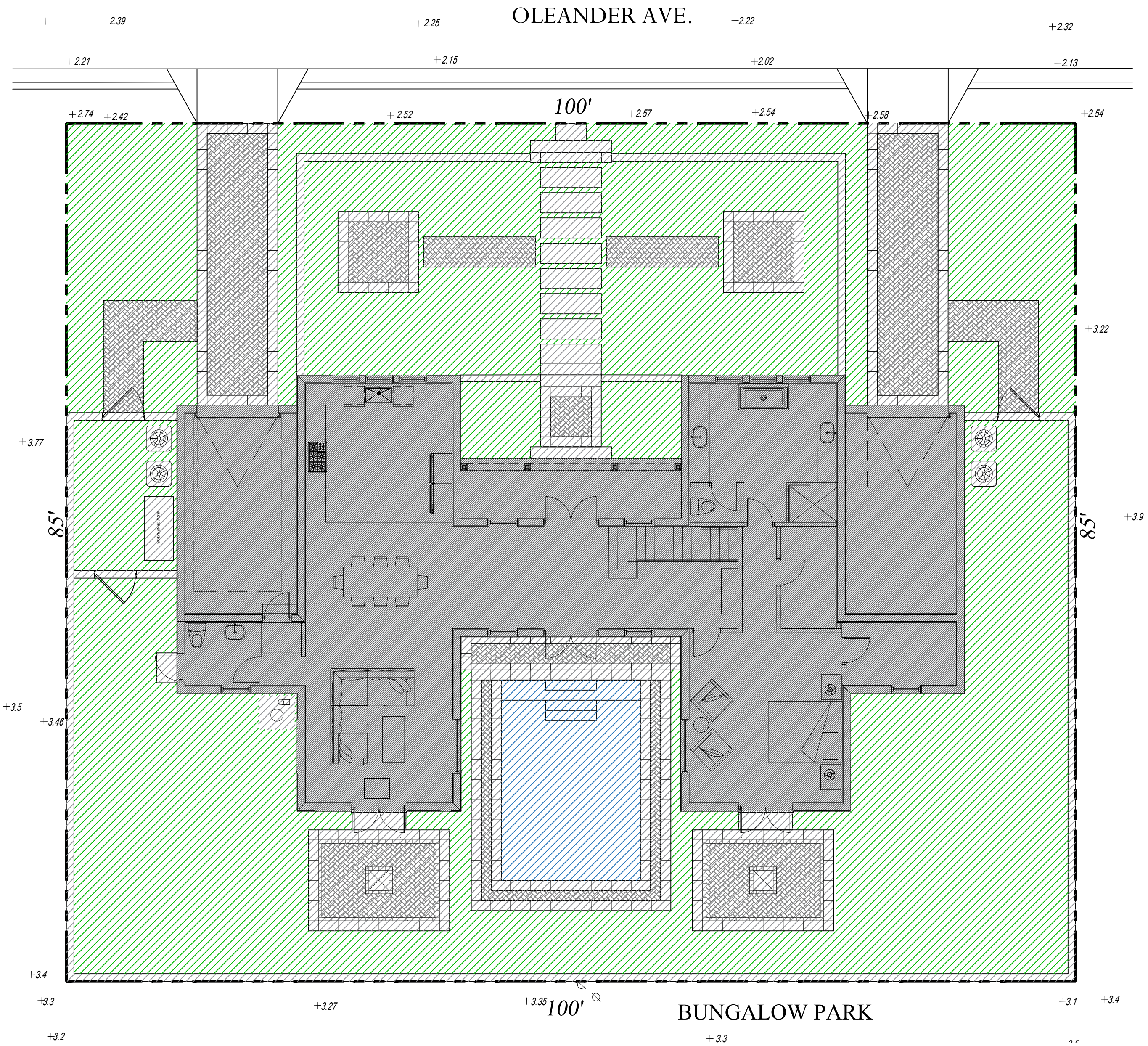
+3.5 ZON-22-088
ARCOM# ARC-22-126
Site Plan
SCALE IN FEET: 3/16"=1'-0"

Proposed Site Data

DESCRIPTION	REQUIRED		PROPOSED	
LOT ZONE			R-C - LOW DENSITY RESIDENTIAL	
LOT AREA	10,000 S.F. MINIMUM		8,500 S.F.	
OPEN / PERMEABLE SPACE	MINIMUM 45%	3,825 S.F.	48.30%	4,106 S.F.
FRONT YARD LANDSCAPE	MINIMUM 40% OF FRONT YARD	1,000 S.F.	63%	1,575 S.F.
PERIMETER LANDSCAPE WITHIN 10' OF PROPERTY LINE	MINIMUM 50% OF REQ'D OPEN SPACE	1,912 S.F.	71.18%	2,723 S.F.

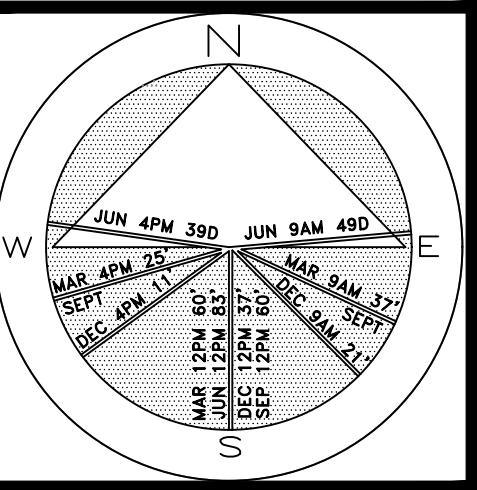
Legend

- IMPERVIOUS AREA (HOUSE/STRUCTURE)
- IMPERVIOUS AREA (HARDSCAPE)
- PERVIOUS AREA / OPEN SPACE
- PERVIOUS AREA / WATER FEATURE



Proposed Lot Coverage Graphic

Private Residence
240 Oleander Ave
Palm Beach



JOB NUMBER: # 22013.00 LA
DRAWN BY: Alex Puglisi
DATE: 03.28.2022
08.10.2022
10.26.2022
11.03.2022

SHEET L7.1

COPYRIGHT: 2022
The following drawings are statements of service to the Landscape Architect. They are not products of design. All ideas, designs, arrangements and plans indicated or represented by this/these drawings are owned by and the property of the designer, and were created, evolved and developed for use on and in connection with this project. None of such ideas, designs, arrangements or plans shall be used by or disclosed to any person, firm or corporation without the written permission of the Landscape Architect.

DISCLAIMER: 2022
Construction, as the term is generally understood, and that ENVIRONMENT DESIGN GROUP does not provide landscape architectural services during construction, including on-site monitoring, site visits, shop drawing review, design clarification, etc., the client agrees to indemnify and hold harmless ENVIRONMENT DESIGN GROUP from any liability arising from, acts or omissions in the performance of said services during construction by the client, and his/her agents, employees, or subcontractors.

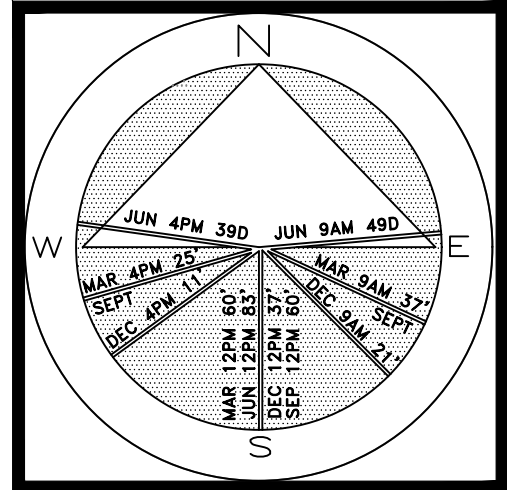
48 HOURS BEFORE DIGGING
CALL TOLL FREE
1-800-432-4770
SUNSHINE STATE ONE CALL
OF FLORIDA, INC.



OLEANDER AVE.

**ENVIRONMENT
DESIGN
GROUP**
139 North County Road 5420-8 Palm Beach, FL 33480
Phone: 561.832.4600 Mobile: 561.313.4424
Landscape Architecture
Land Planning
Landscape Management
Dustin M. Mizell, M.L.A. P.L.A. #6666784
Dustin@environmentdesigngroup.com

Private Residence
240 Oleander Avenue
Palm Beach

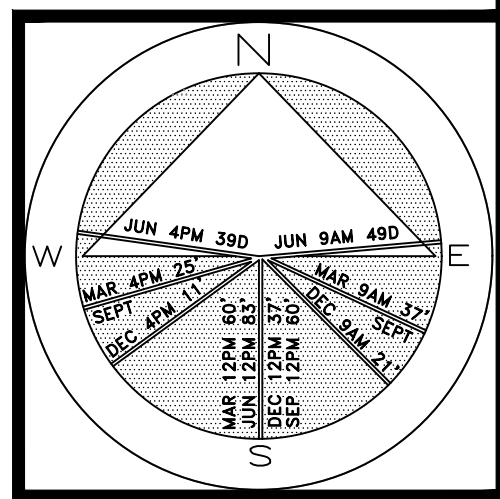


JOB NUMBER: # 22013.00 LA
DRAWN BY: Jean Twomey
DATE: 08.10.2022

SHEET L7.2

ZON-22-088
ARCOM# ARC-22-126
Rendered Landscape Plan
SCALE IN FEET: 3/16"=1'-0"

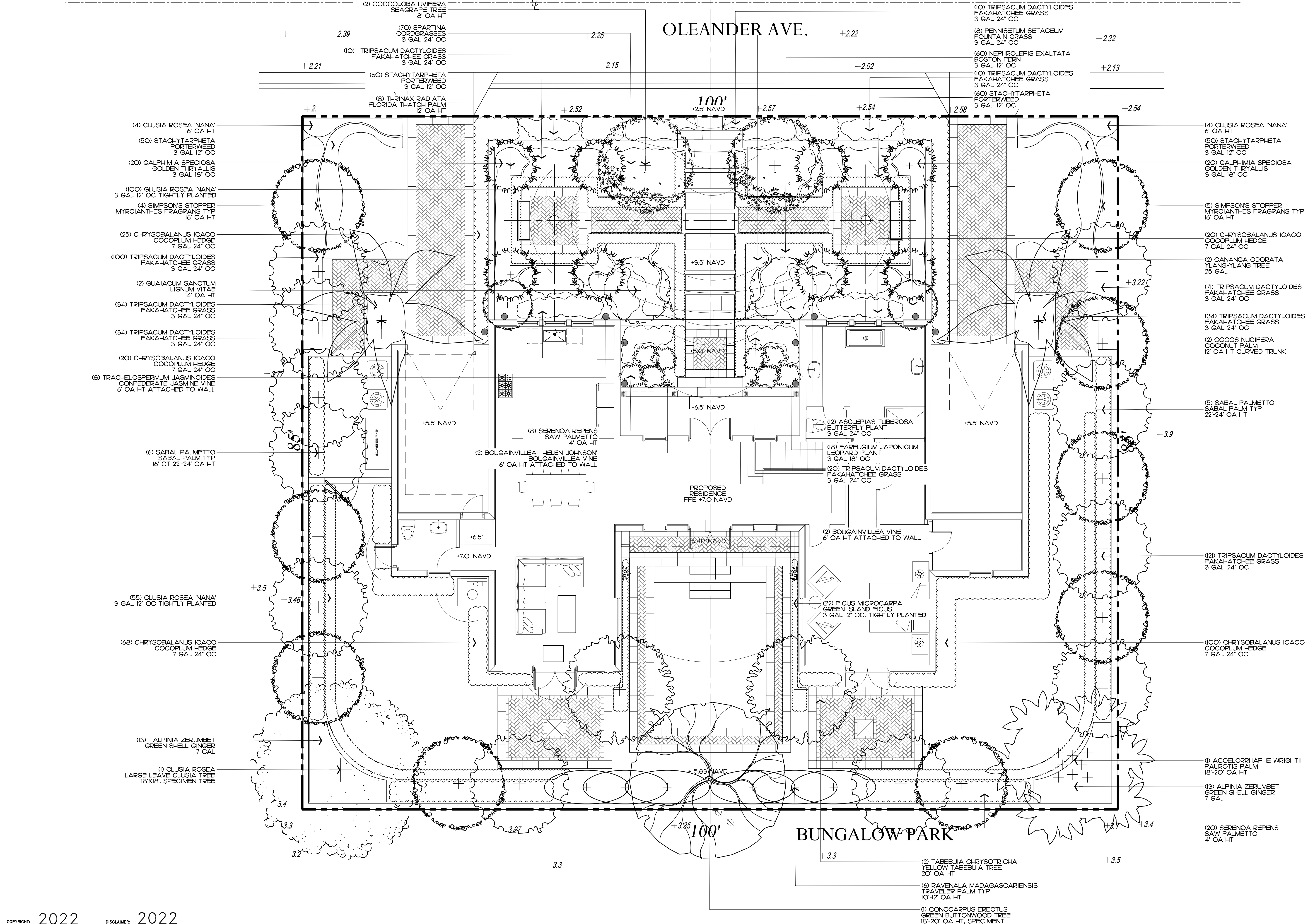
Private Residence
240 Oleander Avenue
Palm Beach



JOB NUMBER: # 22013.00 LA
DRAWN BY: Alex Eugrill
DATE: 01.30.2023

SHEET L8.0

AREA IN SQ. FT.



2022
COPYRIGHT: The following drawings are statements of service to the Landscape Architect. They are not products of design. All ideas, designs, arrangements and plans indicated or represented by this/these drawings are owned by and the property of the designer, and were created, evolved and developed for use on and in connection with this project. None of such ideas, designs, arrangements or plans shall be used by or disclosed to any person, firm or corporation without the written permission of the Landscape Architect.

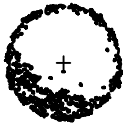
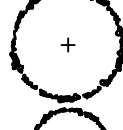

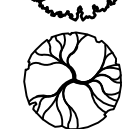

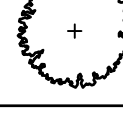

2022
DISCLAIMER: Construction, as the term is generally understood, and that ENVIRONMENT DESIGN GROUP does not provide landscape architectural services during construction, including on-site monitoring, site visits, shop drawing review, design clarification, etc., the client agrees to indemnify and hold harmless ENVIRONMENT DESIGN GROUP from any liability arising from, acts or omissions in the performance of said services during construction by the client, and his/her agents, employees, or subcontractors.

48 HOURS BEFORE DIGGING
CALL TOLL FREE
1-800-432-4770
SUNSHINE STATE ONE CALL
OF FLORIDA, INC.


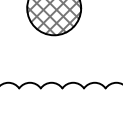
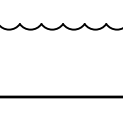
ZON-22-088
ARCOM# ARC-22-126 Landscape Plan
SCALE IN FEET: 3/16"=1'-0"

64 sf.

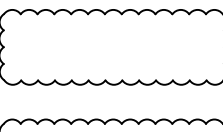
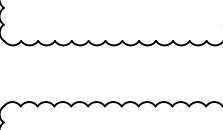
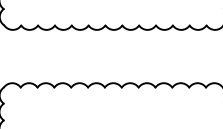
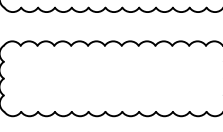
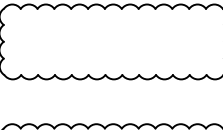
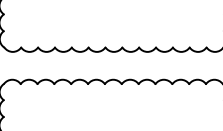
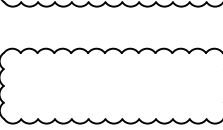
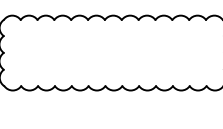
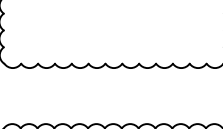
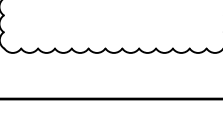

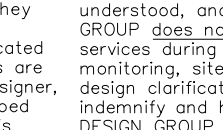
Trees

SYMBOL/KEY	PLANT NAME	QTY.	DESCRIPTION	NATIVE
	COCCOLOBA UVIFERA SEAGRAPE TREE	2	18' OA HT, MATCHING	YES
	SIMPSONS STOPPER MYRCIANTHES FRAGRANS	10	16' OA HT	YES
	CANANGA ODORATA YLANG-YLANG TREE	2	25 GAL	NO
	TABEBUIA CHRYSOTRICHA YELLOW TABEBUIA	2	20' OA HT	NO
	CONOCARPUS ERECTUS GREEN BUTTONWOOD TREE	1	18'-20' OA HT	YES
	CLUSIA ROSEA LARGE LEAVE CLUSIA	1	18'X18' SPECIMENT	YES
	GUAIACUM SANCTUM LIGNUM VITAE	2	14' OA HT	NO
TOTAL: NATIVE SPECIES:		21 15 (71.42%)		

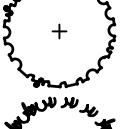
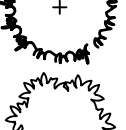



Vines & Groundcovers

SYMBOL/KEY	PLANT NAME	QTY.	DESCRIPTION	NATIVE
	BOUGAINVILLEA SPP BOUGAINVILLEA VINES	4	6' OA HT ATTACHED TO WALL	NO
	TRACHELOSPERMUM JASMINOIDES CONFEDERATE JASMINE VINE	8	6' OA HT ATTACHED TO WALL	NO
	CLUSIA ROSEA 'NANA' FROG FRUIT	155	3 GAL 12" OC	YES
TOTAL: NATIVE SPECIES:		167 155 (92.81%)		

Shrubs

SYMBOL/KEY	PLANT NAME	QTY.	DESCRIPTION	NATIVE
	SPARTINA CORDGRASS	70	3 GAL., 24" OC	YES
	TRIPSACUM DACTYLOIDES FAKAHATCHEE GRASS	516	3 GAL 24" OC	YES
	STACHYTARPHETA PORTERWEED	110	3 GAL 12" OC	NO
	PENNISETUM SETACEUM FOUNTAIN GRASS	8	3 GAL 24" OC	NO
	NEPHROLEPIS EXALTATA BOSTON FERN	60	3 GAL 12 OC	YES
	GALPHIMIA SPECIOSA GOLDEN THRYALLIS	40	3 GAL 18" OC	NO
	CHRYSOBALANUS ICACO COCOPLUM HEDGE	233	7 GAL 24" OC	YES
	CLUSIA ROSEA 'NANA' CLUSIA ROSEA	8	6' OA HT	YES
	RAVENALA MADAGASCARIENSIS TRAVELER PALM	6	18'-20' OA HT	NO
	ASCLEPIAS TUBEROSA BUTTERFLY PLANT	12	3 GAL 24" OC	NO
	FARFUGIUM JAPONICUM LEOPARD PLANT	18	3 GAL 24" OC	NO
	FICUS MICROCARPA GREEN ISLAND FICUS	22	3 GAL 12" OC TIGHTLY PLANTED	NO
TOTAL: NATIVE SPECIES:		1103 887 (80.41%)		

Palms

SYMBOL/KEY	PLANT NAME	QTY.	DESCRIPTION	NATIVE
	SABAL PALMETTO SABAL PALM	10	16' CT 22'-24' OA HT	YES
	THRINAX RADIATA FLORIDA THATCH PALM	8	16'-18' CURVED TRUNK	YES
	SERENOA REPENS SAW PALMETTO	26	4' OA HT	YES
	ACOELORRHAPHE WRIGHTII EVERGLADES PALM	1	18'-20' OA HT	YES
	COCOS NUCIFERA COCONUT PALM	2	12' OA HT	NO
TOTAL: NATIVE SPECIES:		47 45 (95.74%)		

Lawn & Mulch

AREA	PLANT NAME	QTY.	DESCRIPTION
LAWN	DIAMOND ZOYSIA LAWN	AS NEEDED	SOD PALLETS
MULCH	EUCALYPTUS MULCH	AS NEEDED	3" MIN. DEPTH

Native Landscape Legend

PROPERTY ADDRESS:	240 OLEANDER AVENUE	
	REQUIRED	PROPOSED
LOT SIZE (SQ FT)	10,000 SF	8,500 SF
LANDSCAPE OPEN SPACE (LOS) (SQ FT AND %)	3,825 SF (45%)	4,106 SF (48.30%)
PERIMTETER LOS (SQ FT AND %)	1,912 SF (50%)	2,723 SF (71.18%)
FRONT YARD LOS (SQ FT AND %)	1,000 SF (40%)	1,575 SF (63%)
NATIVE TREES %	35%	71.42%
NATIVE PALMS %	35%	95.74%
NATIVE SHRUBS %	35%	80.41%
NATIVE VINES / GROUND COVER %	35%	92.81%

ENVIRONMENT
DESIGN
GROUP

139 North County Road 5920-B Palm Beach, FL 33480

Phone: 561.832.4600 Mobile: 561.313.4424

Landscape Architecture

Land Planning

Landscape Management

Dustin M. Mizell, M.L.A. P.L.A. #6666784

Dustin@environmentdesigngroup.com

Private Residence
240 Oleander Avenue
Palm Beach

JOB NUMBER: # 22013.00 LA
DRAWN BY: Jean Twomey
DATE: 05.04.2022
05.26.2022
08.10.2022

SHEET L8.2

COPYRIGHT:
The following drawings are instruments of service to the Landscape Architect. They are not products of design. All ideas, designs, arrangements and plans indicated or represented by this/these drawings are owned by and the property of the designer, and were created, evolved and developed for use on and in connection with this project. None of such ideas, designs, arrangements or plans shall be used by or disclosed to any person, firm or corporation without the written permission of the Landscape Architect.

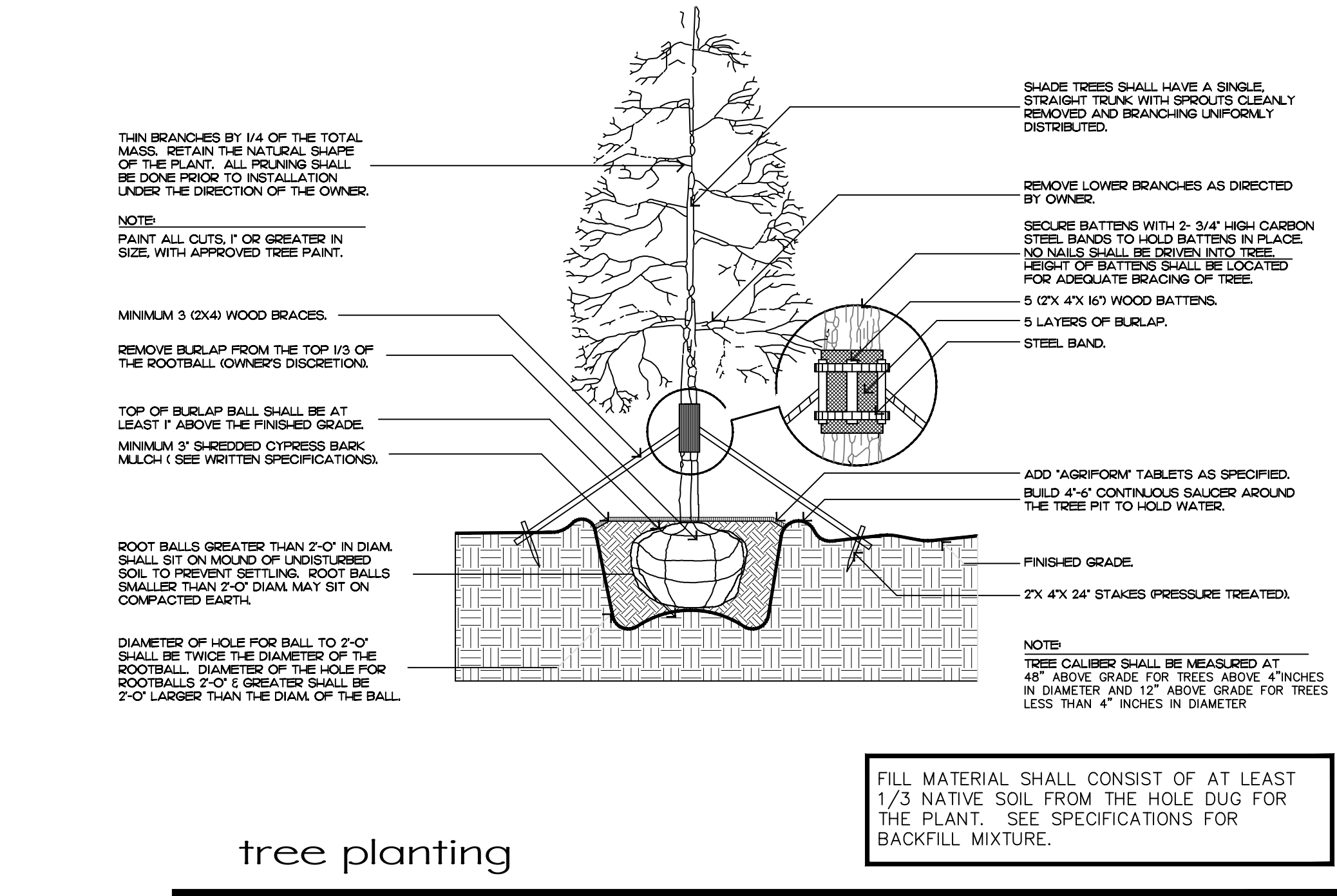
DISCLAIMER:
Construction, as the term is generally understood, and that ENVIRONMENT DESIGN GROUP does not provide landscape architectural services during construction, including on-site monitoring, site visits, shop drawing review, design clarification, etc., the client agrees to indemnify and hold harmless ENVIRONMENT DESIGN GROUP from any liability arising from, acts or omissions in the performance of said services during construction by the client, and his/her agents, employees, or subcontractors.

2022

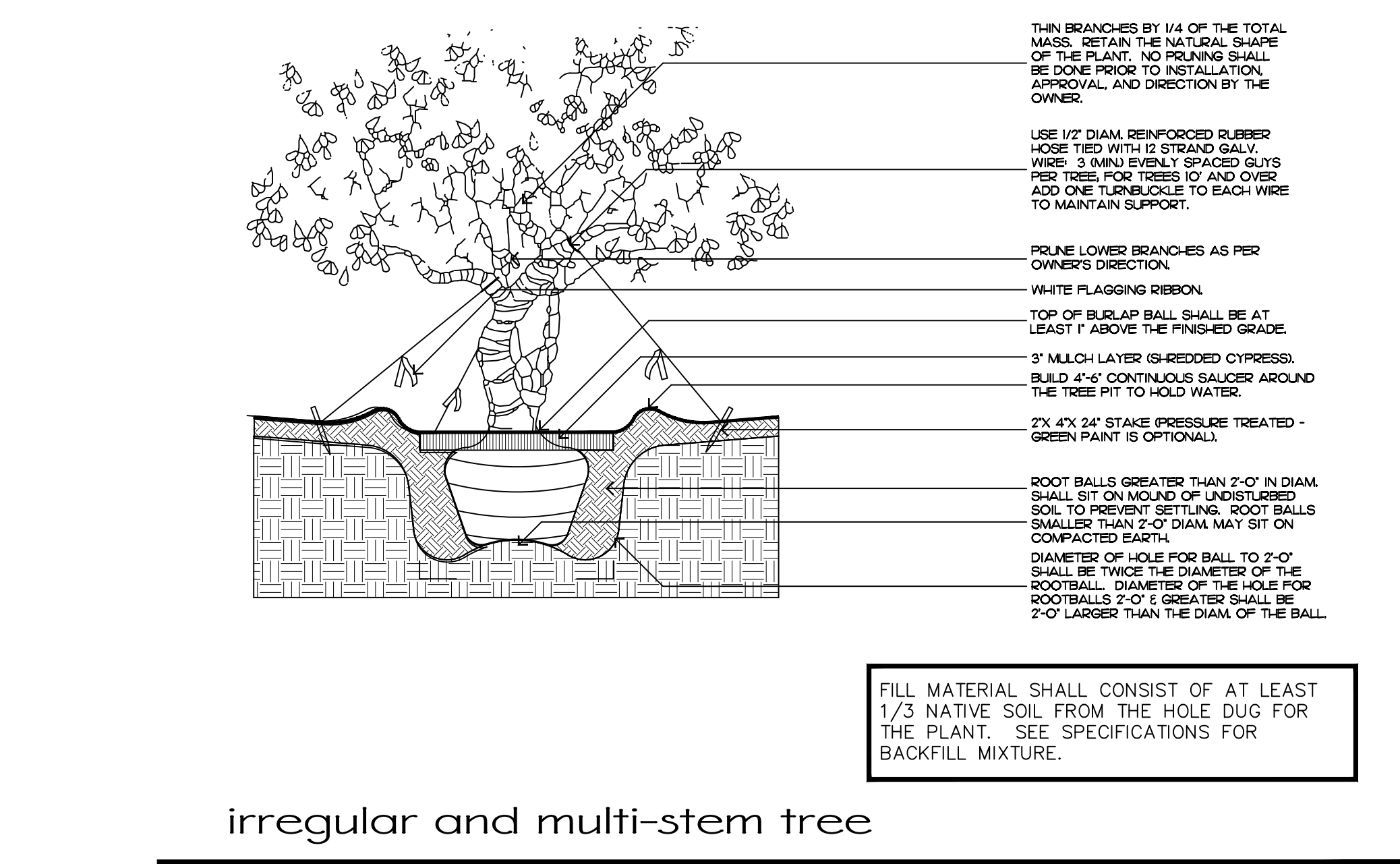
2022

48 HOURS BEFORE DIGGING
CALL TOLL FREE
1-800-432-4770
SUNSHINE STATE ONE CALL
OF FLORIDA, INC.

ZON-22-088
ARCOM# ARC-22-126
Plant Schedule



tree planting



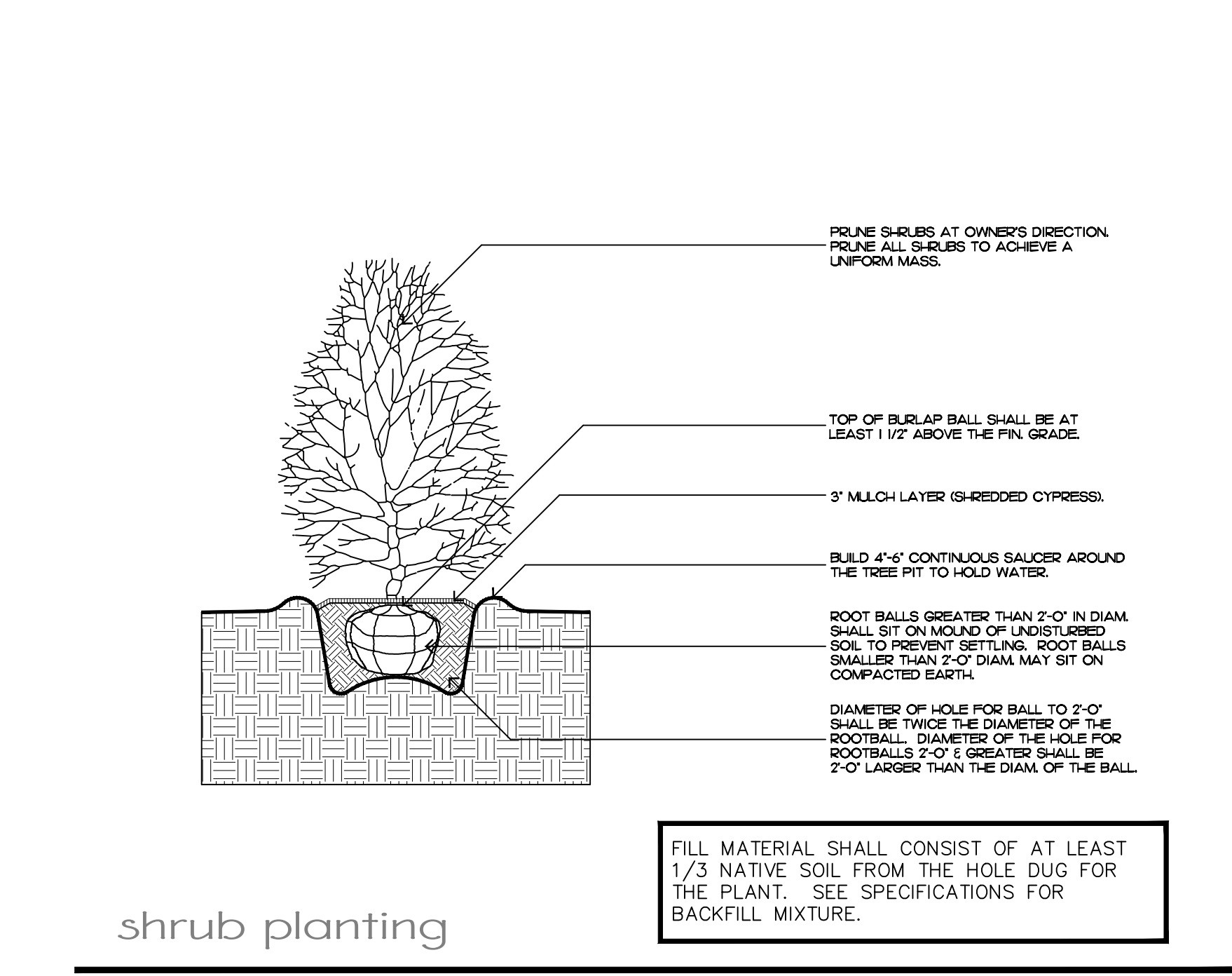
irregular and multi-stem tree

ZON-22-088
ARCOM# ARC-22-126

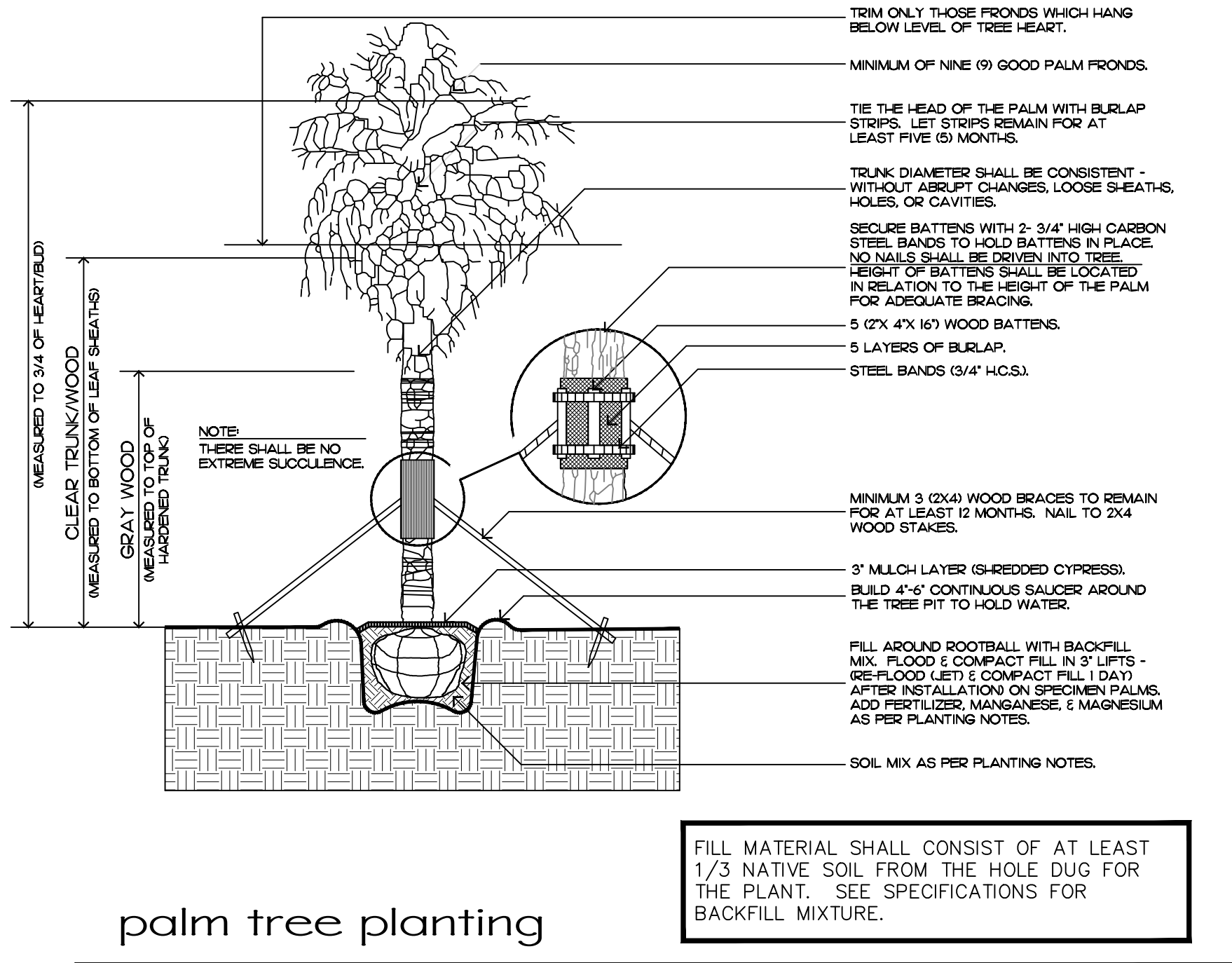
COPYRIGHT:
The following drawings are instruments of service to the Landscape Architect. They are not products of design. All ideas, designs, arrangements and plans indicated or represented by this/these drawings are owned by and the property of the designer, and were created, evolved and developed for use on and in connection with this project. None of such ideas, designs, arrangements or plans shall be used by or disclosed to any person, firm or corporation without the written permission of the Landscape Architect.

DISCLAIMER:
Construction, as the term is generally understood, and that ENVIRONMENT DESIGN GROUP does not provide landscape architectural services during construction, including on-site monitoring, site visits, shop drawing review, design clarification, etc., the client agrees to indemnify and hold harmless ENVIRONMENT DESIGN GROUP from any liability arising from, acts or omissions in the performance of said services during construction by the client, and his/her agents, employees, or subcontractors.

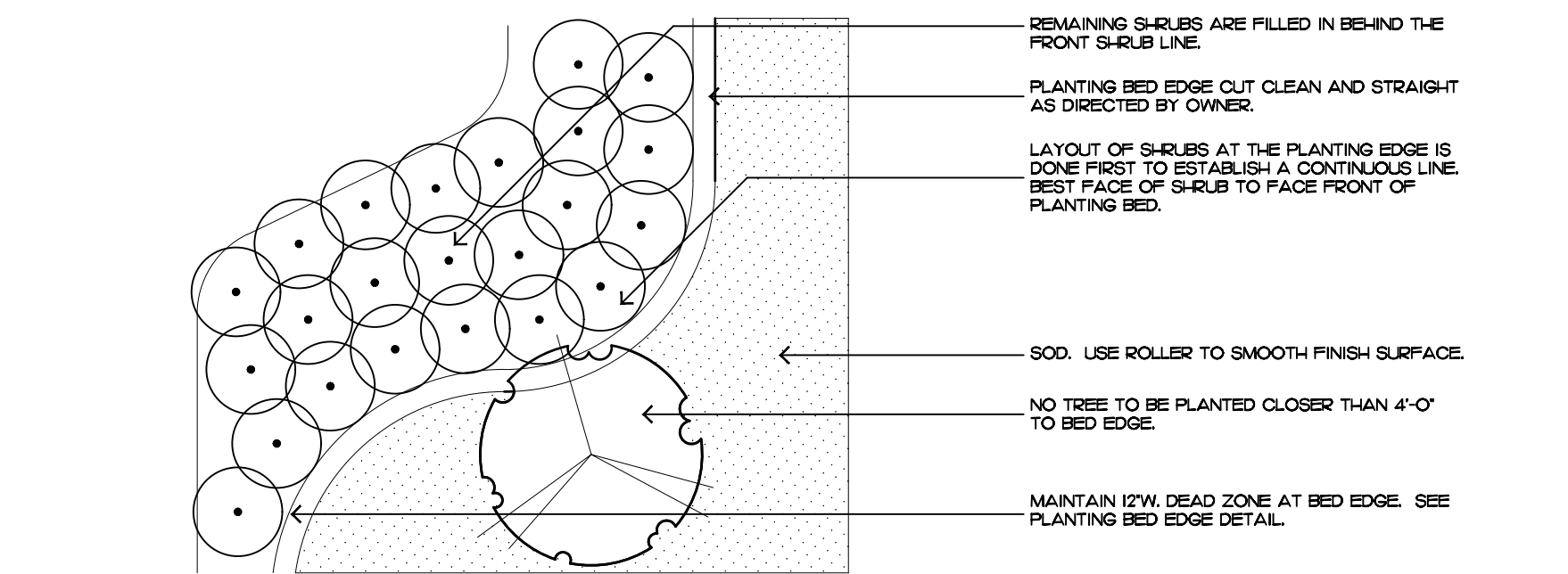
48 HOURS BEFORE DIGGING
CALL TOLL FREE
1-800-432-4770
SUNSHINE STATE ONE CALL
OF FLORIDA, INC.



shrub planting



palm tree planting



shrub & ground cover layout

Planting Notes

COMMERCIAL FERTILIZER:

FERTILIZER SHALL BE COMPLETELY ORGANIC, IT SHALL BE UNIFORM IN COMPOSITION, DRY AND FREE FLOWING. THIS FERTILIZER SHALL BE DELIVERED TO THE SITE IN THE ORIGINAL UNOPENED BAGS, EACH BEARING THE MANUFACTURER'S STATEMENT OF ANALYSIS, AND SHALL MEET THE FOLLOWING REQUIREMENTS:

- SIX PERCENT (6%) NITROGEN
- SIX PERCENT (6%) PHOSPHOROUS
- SIX PERCENT (6%) POTASSIUM

FERTILIZER SHALL BE APPLIED TO ALL SHRUBS (1/3 LB. PER 3 GAL. POT, 1/4 LB. PER 1 GAL. POT) AND GROUNDCOVER. THE SAME FERTILIZER MIXTURE SHALL BE USED ON SOD AT A RATE OF 15 LBS. PER 1000 SQUARE FEET. A FOURTEEN PERCENT (14%) NITROGEN, FOURTEEN PERCENT (14%) PHOSPHOROUS AND FOURTEEN PERCENT (14%) POTASSIUM IS REQUIRED ON ALL TREES AND SHRUBS OVER 5'-0" IN HEIGHT (1/2 LB. PER 5'-0" OF SPREAD). AGRIFORM TABLETS WITH TWENTY PERCENT (20%) NITROGEN, TEN PERCENT (10%) PHOSPHOROUS, FIVE PERCENT (5%) POTASSIUM IN 21 GRAM SIZES SHALL BE APPLIED ALONG WITH THE FERTILIZER PROCESS (1 WITH 1 GAL. PLANTS, 2 WITH 3 GAL. PLANTS AND 2 TABLETS PER 1" OF TREE TRUNK CALIPER). BACK FILL HALFWAY UP THE ROOT BALL. PLACE ABOUT ONE INCH (1") FROM ROOT TIPS. MAGNESIUM SULFATE SHALL BE APPLIED TO ALL PALMS AT INSTALLATION AT A RATE OF 1/2 LB. PER INCH OF TRUNK CALIPER. MANGANESE SHALL BE APPLIED AT THE SAME RATE.

MULCH:

MULCH MATERIAL SHALL BE SHREDDED CYPRESS MULCH OR APPROVED EQUAL, MOISTENED AT THE TIME OF APPLICATION TO PREVENT WIND DISPLACEMENT. MULCH SHALL BE APPLIED TO A MINIMUM 3" DEPTH IN PLANTING BEDS.

SOD:

THE SOD SHALL BE FREE FROM WEEDS, FUNGUS, INSECTS AND DISEASES OF ANY KIND, CLEAN, STRONGLY ROOTED, UNIFORMLY SIZED STRIPS, MACHINE STRIPPED NOT MORE THAN TWENTY-FOUR (24) HOURS PRIOR TO LAYING.

SUBSTITUTIONS:

NO SUBSTITUTION OF PLANT MATERIAL, TYPES OR SIZES WILL BE ALLOWED WITHOUT WRITTEN AUTHORIZATION FROM THE OWNER. CONTAINER GROWN MATERIAL WILL NOT BE ACCEPTED AS SUBSTITUTE FOR B&B MATERIAL UNLESS PREVIOUSLY APPROVED. INTENDED SUBSTITUTIONS SHALL BE SPELLED OUT IN BID.

MEASUREMENTS:

SHADE TREES: HEIGHT SHALL BE MEASURED FROM GROUND TO THE AVERAGE BRANCH HEIGHT OF CANOPY. SPREAD SHALL BE MEASURED TO THE END OF THE BRANCHING EQUALLY AROUND THE CROWN FROM THE CENTER OF THE TRUNK. MEASUREMENTS ARE NOT TO INCLUDE ANY TERMINAL GROWTH. SINGLE TRUNK TREES SHALL BE FREE OF "V" CROTCHES THAT COULD BE POINTS OF WEAK LIMB STRUCTURE OR DISEASE INFESTATION.

SHRUBS: HEIGHT SHALL BE MEASURED FROM THE GROUND TO THE AVERAGE POINT WHERE MATURE PLANT GROWTH STOPS. SPREAD SHALL BE MEASURED TO THE END OF BRANCHING EQUALLY AROUND THE SHRUB MASS. MEASUREMENT AREA NOT TO INCLUDE ANY TERMINAL GROWTH.

PALMS: CLEAR TRUNK (C.T.) - SHALL BE MEASURED FROM THE GROUND AT TIME OF INSTALLATION TO THE POINT WHERE THE MATURE AGED TRUNK JOINS THE IMMATURE OR GREEN PORTION OF THE TRUNK OR HEAD. OVERALL HEIGHT (O.A.) - SHALL BE MEASURED FROM THE GROUND AT THE TIME OF INSTALLATION TO THE AVERAGE FROND HEIGHT. PALMS WITH MARRED OR BURNED TRUNKS WILL NOT BE ACCEPTED.

PLANTING SOIL AND BACKFILL:

PLANTING SOIL FOR USE IN PREPARING BACKFILL FOR PLANT PITS SHALL BE A FERTILE, FRIABLE AND NATURAL TOPSOIL, WITHOUT MIXTURE OF SUBSOIL MATERIALS, AND SHALL BE FREE FROM HEAVY CLAY, STONES, LIMES, LUMPS, SHELLS, PLANTS, ROOTS OR OTHER FOREIGN MATERIALS, WEEDS, OR NOXIOUS GRASSES (SUCH AS BERBERIS OR NUT GRASS). IT SHALL NOT CONTAIN TOXIC SUBSTANCES WHICH MAY BE HARMFUL TO THE PLANT GROWTH.

BACKFILL FOR SOD AREAS SHALL BE SUBJECT TO LESSER STANDARDS AT THE DISCRETION AND DECISION OF THE OWNER.

EXISTING TOPSOIL SHALL BE USED IN ALL PLANT MATERIAL PITS EXCEPT SABAL PALMS WHERE THE SOIL SHALL CONSIST OF CLEAN SAND.

PLANTING SOIL FOR USE IN BEDS FOR ANNUALS AND/OR PERENNIALS SHALL CONTAIN ONE-THIRD (1/3) POTTING SOIL OR A BLENDED TOPSOIL, TILL INTO TOP 10" - 12" OF SOIL WITH A TIME-RELEASE FERTILIZER.

PLANT MATERIALS:

PALMS, TREES, SHRUBS, GROUNDCOVERS AND VINES

PLANT SPECIES AND SIZE SHALL CONFORM TO THOSE INDICATED ON THE DRAWINGS. NOMENCLATURE SHALL CONFORM TO "STANDARDIZED PLANT NAMES", 1942 EDITION. ALL NURSERY STOCK SHALL BE IN ACCORDANCE WITH "GRADES AND STANDARDS FOR NURSERY PLANTS PARTS I & II", LATEST EDITION PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES. UNLESS SPECIFIED OTHERWISE, ALL PLANTS SHALL BE FLORIDA GRADE NUMBER 1 OR BETTER AS DETERMINED BY THE FLORIDA DIVISION OF PLANT INDUSTRY. SPECIMEN MEANS AN EXCEPTIONALLY HEAVY, SYMMETRICAL, TIGHTLY KNIT PLANT, SO TRAINED OR FAVORED IN ITS DEVELOPMENT THAT FIRST APPEARANCE IS UNQUESTIONABLE AND OUTSTANDINGLY SUPERIOR IN FORM, NUMBER OF BRANCHES, COMPACTNESS AND SYMMETRY. ALL PLANTS SHALL BE FRESHLY DUG, SOUND, HEALTHY, VIGOROUS, WELL BRANCHED AND FREE OF DISEASE AND INSECT EGGS AND LARVAE AND SHALL HAVE ABSOLUTE ROOT ROT SHOOT. TREES FOR PLANTING ROWS SHALL BE UNIFORM IN SIZE AND SHAPE. ALL MATERIALS SHALL BE SUBJECT TO APPROVAL BY THE OWNER. WHERE REQUIREMENTS ARE OMITTED FROM THE PLANT LIST, THE PLANTS FURNISHED SHALL BE NORMAL FOR THE VARIETY AND FLORIDA NUMBER 1. PLANTS SHALL BE PRUNED PRIOR TO DELIVERY ONLY UPON THE APPROVAL OF THE OWNER.

CONTAINER GROWN STOCK:

ALL CONTAINER GROWN MATERIAL SHALL BE HEALTHY, VIGOROUS, WELL-ROOTED PLANTS AND ESTABLISHED IN THE CONTAINER IN WHICH THEY ARE SOLD. THE PLANTS SHALL HAVE TOPS OF GOOD QUALITY AND BE IN A HEALTHY GROWING CONDITION.

- AN ESTABLISHED CONTAINER GROWN PLANT SHALL BE TRANSPLANTED INTO A CONTAINER AND GROWN IN THAT CONTAINER SUFFICIENTLY LONG ENOUGH FOR THE NEW FIBROUS ROOTS TO HAVE DEVELOPED SO THAT THE ROOT MASS WILL RETAIN ITS SHAPE AND HOLD TOGETHER WHEN REMOVED FROM THE CONTAINER.
-

WARRANTY:

WARRANTY PLANTS, SHRUBS AND GROUNDCOVERS FOR A PERIOD OF NINETY (90) DAYS; TREES & PALMS FOR ONE YEAR (1) AGAINST UNHEALTHY CONDITION, EXCEPT AS MAY RESULT FROM NEGLECT BY OWNER, DAMAGE BY OTHERS, AND UNUSUAL PHENOMENA BEYOND INSTALLER'S CONTROL. REPLACE AT TIME REQUESTED BY THE OWNER OR LANDSCAPE ARCHITECT.

MAINTENANCE:

MAINTAIN LANDSCAPE WORK UNTIL THE LETTER OF SUBSTANTIAL COMPLETION BY THE GENERAL CONTRACTOR. INCLUDE WATERING, WEEDING, CULTIVATING, RESTORATION OF GRADE, MOWING AND TRIMMING GRASS, PRUNING TREES AND SHRUBS, PROTECTION FROM INSECTS AND DISEASES, FERTILIZATION AND SIMILAR OPERATIONS AS NEEDED TO ENSURE NORMAL GOOD HEALTH FOR LIVE PLANT MATERIAL.

ENVIRONMENTAL DESIGN GROUP
130 North County Road 5420-B Palm Beach, FL 33480
Phone: 561.832.4600 Mobile: 561.313.4424

Landscape Architecture
Land Planning
Landscape Management

Dustin M. Mizell, M.L.A. P.L.A. #6666784
Dustin@environmentaldesigngroup.com

Private Residence
240 Oleander Avenue
Palm Beach
FL 33480

JOB NUMBER: # 22013.00 LA
DRAWN BY: Dustin Mizell
DATE: 08.10.2022

SHEET L8.3

Planting Details & Specifications

Lighting Schedule

SYMBOL	DESCRIPTION	QTY.
▲ UL	UPLIGHT - AURORALIGHT - HSL16-R TELLURIDE BRASS - 9 WATTS - LED 2700K	39
○ WL	WELL LIGHT - AURORALIGHT - LWL5 LIGHTHAUS BRASS FINISH - 9 WATTS - LED 2700K	3
⊕ PL	PATH LIGHT - AURORALIGHT - LPL8 - CORONA BRASS FINISH - 4.5 WATTS - LED 2700K	6



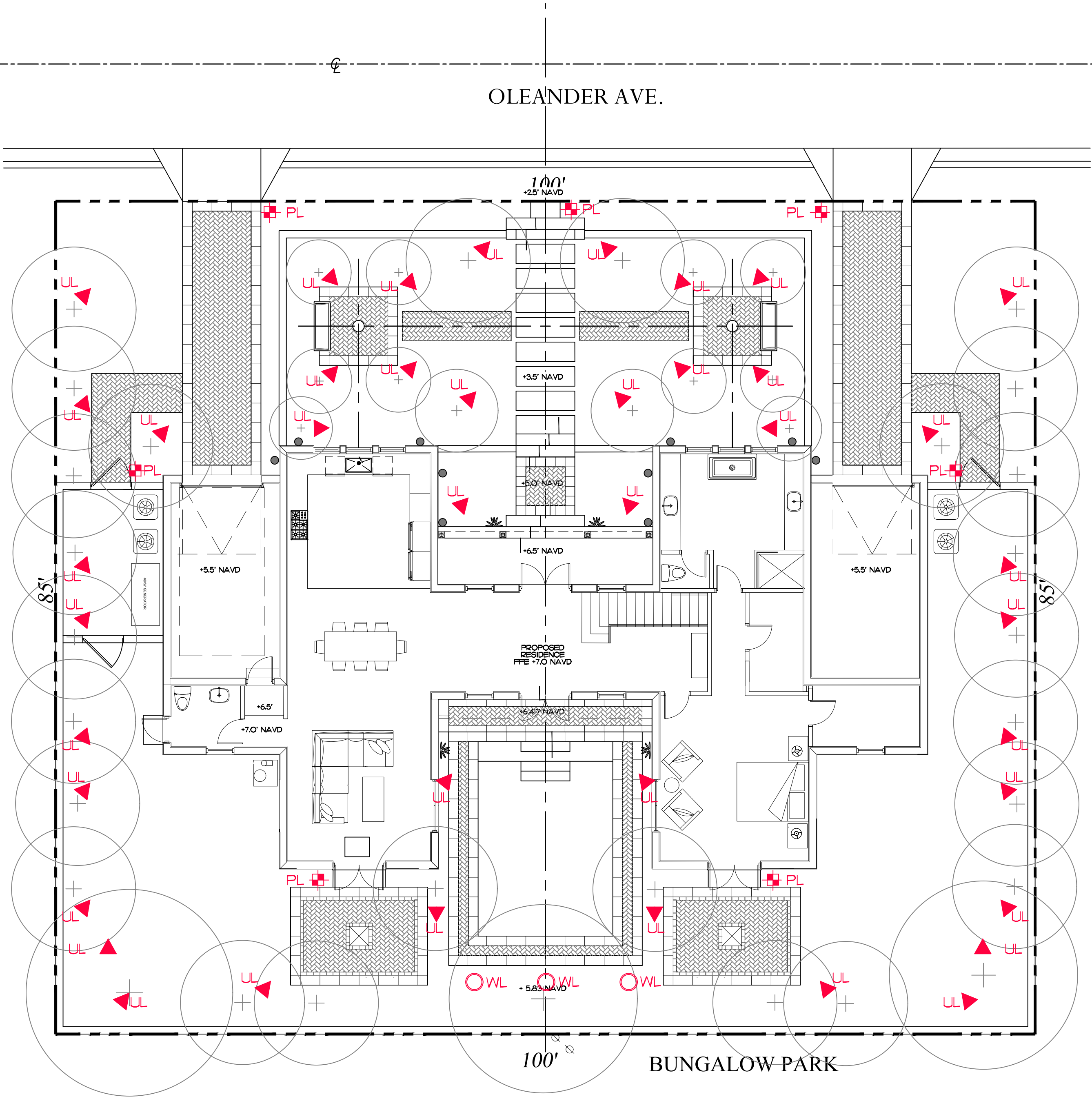
UP LIGHT



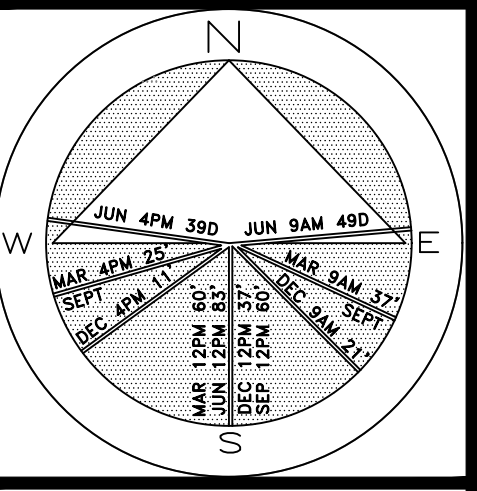
WELL LIGHT



PATH LIGHT



Private Residence
240 Oleander Avenue
Palm Beach



JOB NUMBER: # 22013.00 LA
DRAWN BY: Jean Twomey
DATE: 08.10.2022

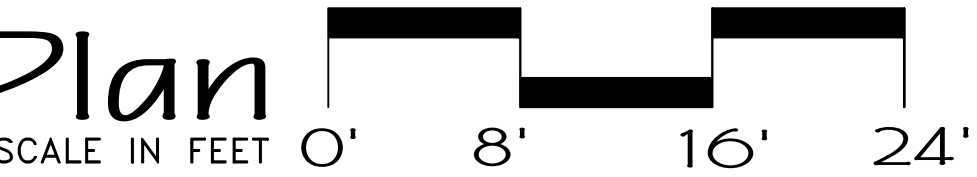
COPYRIGHT: 2022
The following drawings are instruments of service to the Landscape Architect. They are not products of design. All ideas, designs, arrangements and plans indicated or represented by this/these drawings are owned by and the property of the designer, and were created, evolved and developed for use on and in connection with this project. None of such ideas, designs, arrangements or plans shall be used by or disclosed to any person, firm or corporation without the written permission of the Landscape Architect.

DISCLAIMER: 2022
Construction, as the term is generally understood, and that ENVIRONMENT DESIGN GROUP does not provide landscape architectural services during construction, including on-site monitoring, site visits, shop drawing review, design clarification, etc., the client agrees to indemnify and hold harmless ENVIRONMENT DESIGN GROUP from any liability arising from, acts or omissions in the performance of said services during construction by the client, and his/her agents, employees, or subcontractors.

48 HOURS BEFORE DIGGING
CALL TOLL FREE
1-800-432-4770
SUNSHINE STATE ONE CALL
OF FLORIDA, INC.

ZON# 22-088
ARCOM# ARC-22-126

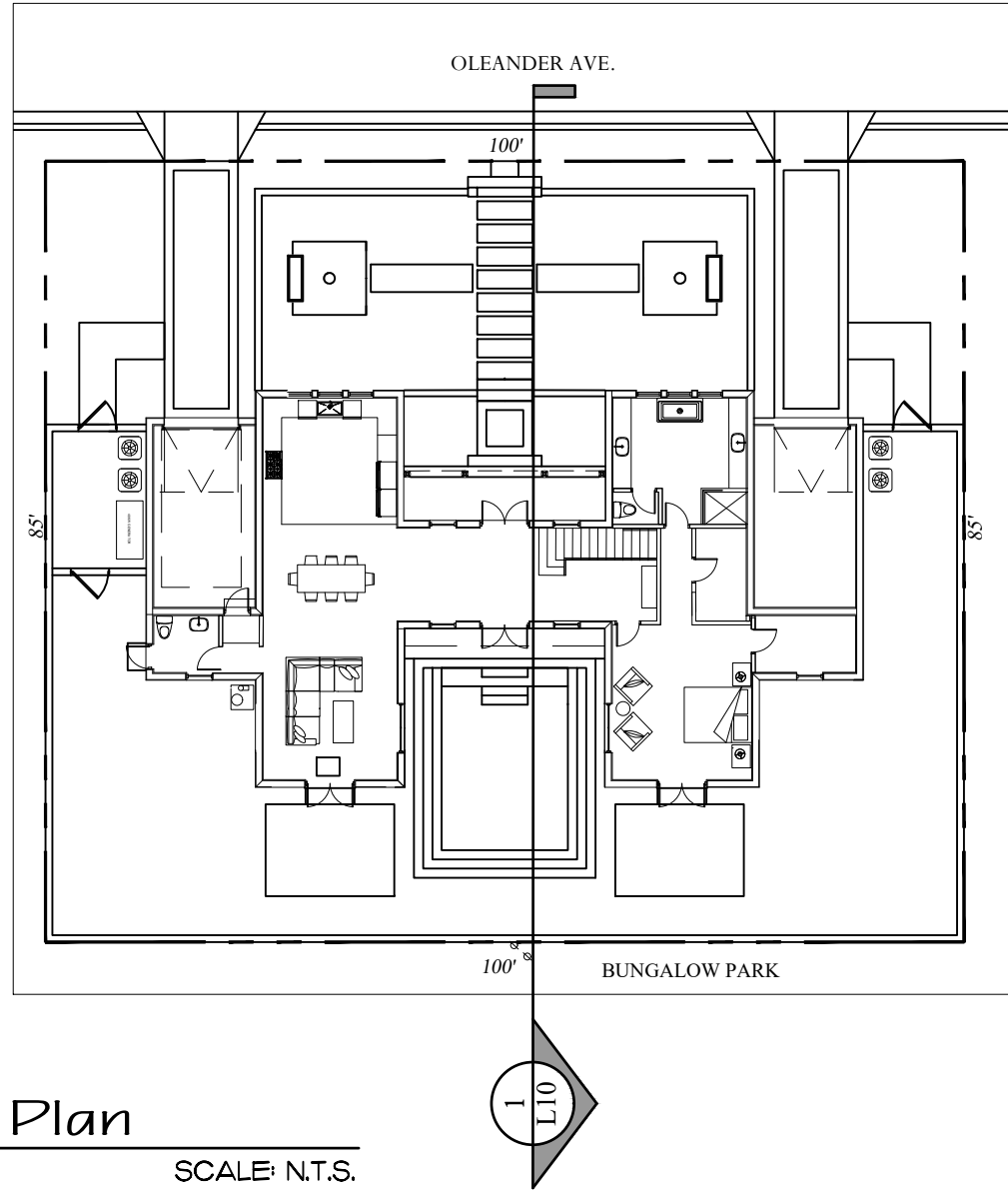
Landscape Lighting Plan



64 sf.

AREA IN SQ.FT.

SHEET L9.0



Site Plan
SCALE: N.T.S.



1
L11.0

South - North Site Section

SCALE: 1/4"=1'-0"

Private Residence
240 Oleander Avenue
Palm Beach

F L O R I D A

JOB NUMBER: # 22013.00 LA
Grace Walton
James Aparicio
02.06.23

SHEET L10

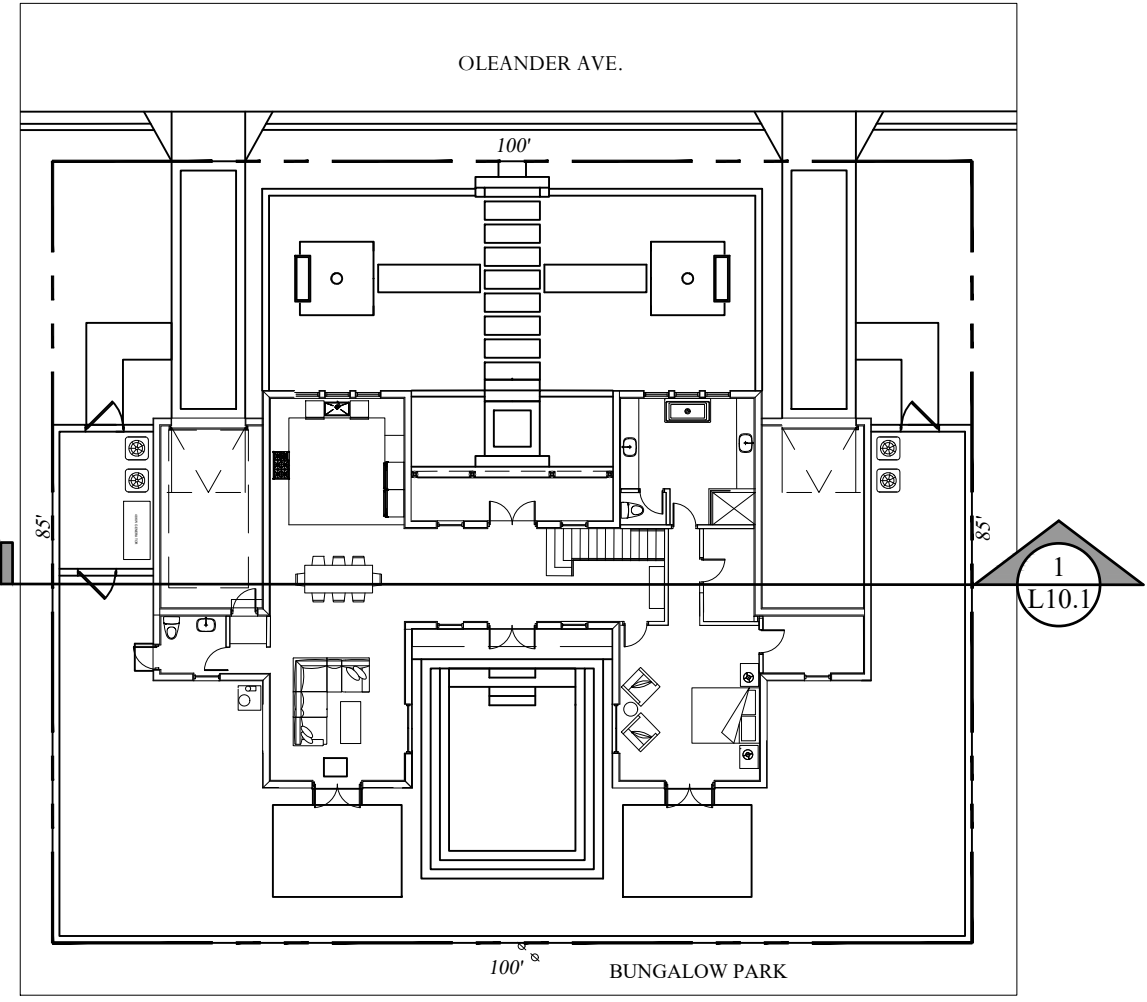
COPYRIGHT: 2022
The following drawings are statements of service to the Landscape Architect. They are not products of design. All ideas, designs, arrangements and plans indicated or represented by this/these drawings are owned by and the property of the designer, and were created, evolved and developed for use on and in connection with this project. None of such ideas, designs, arrangements or plans shall be used by or disclosed to any person, firm or corporation without the written permission of the Landscape Architect.

DISCLAIMER: 2022
Construction, as the term is generally understood, and that ENVIRONMENT DESIGN GROUP does not provide landscape architectural services during construction, including on-site monitoring, site visits, shop drawing review, design clarification, etc., the client agrees to indemnify and hold harmless ENVIRONMENT DESIGN GROUP from any liability arising from, acts or omissions in the performance of said services during construction by the client, and his/her agents, employees, or subcontractors.

48 HOURS BEFORE DIGGING
CALL TOLL FREE
1-800-432-4770
SUNSHINE STATE ONE CALL
OF FLORIDA, INC.

ZON-22-088
ARCOM# ARC-22-126
Section Diagrams

SCALE IN FEET 0' 4' 8' 12'



Site Plan
SCALE: N.T.S.



East - West Site Section
SCALE: 1/4" = 1'-0"

Private Residence
240 Oleander Avenue
Palm Beach

JOB NUMBER: # 22013.00 LA
Grace Walton
James Aparicio
02.06.23

SHEET L10.1

2022
COPYRIGHT: The following drawings are statements of service to the Landscape Architect. They are not products of design. All ideas, designs, arrangements and plans indicated on represented by this/these drawings are owned by and the property of the designer, and were created, evolved and developed for use on and in connection with this project. None of such ideas, designs, arrangements or plans shall be used by or disclosed to any person, firm or corporation without the written permission of the Landscape Architect.

2022
DISCLAIMER: Construction, as the term is generally understood, and that ENVIRONMENT DESIGN GROUP does not provide landscape architectural services during construction, including on-site monitoring, site visits, shop drawing review, design clarification, etc., the client agrees to indemnify and hold harmless ENVIRONMENT DESIGN GROUP from any liability arising from, acts or omissions in the performance of said services during construction by the client, and his/her agents, employees, or subcontractors.

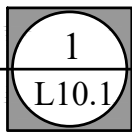
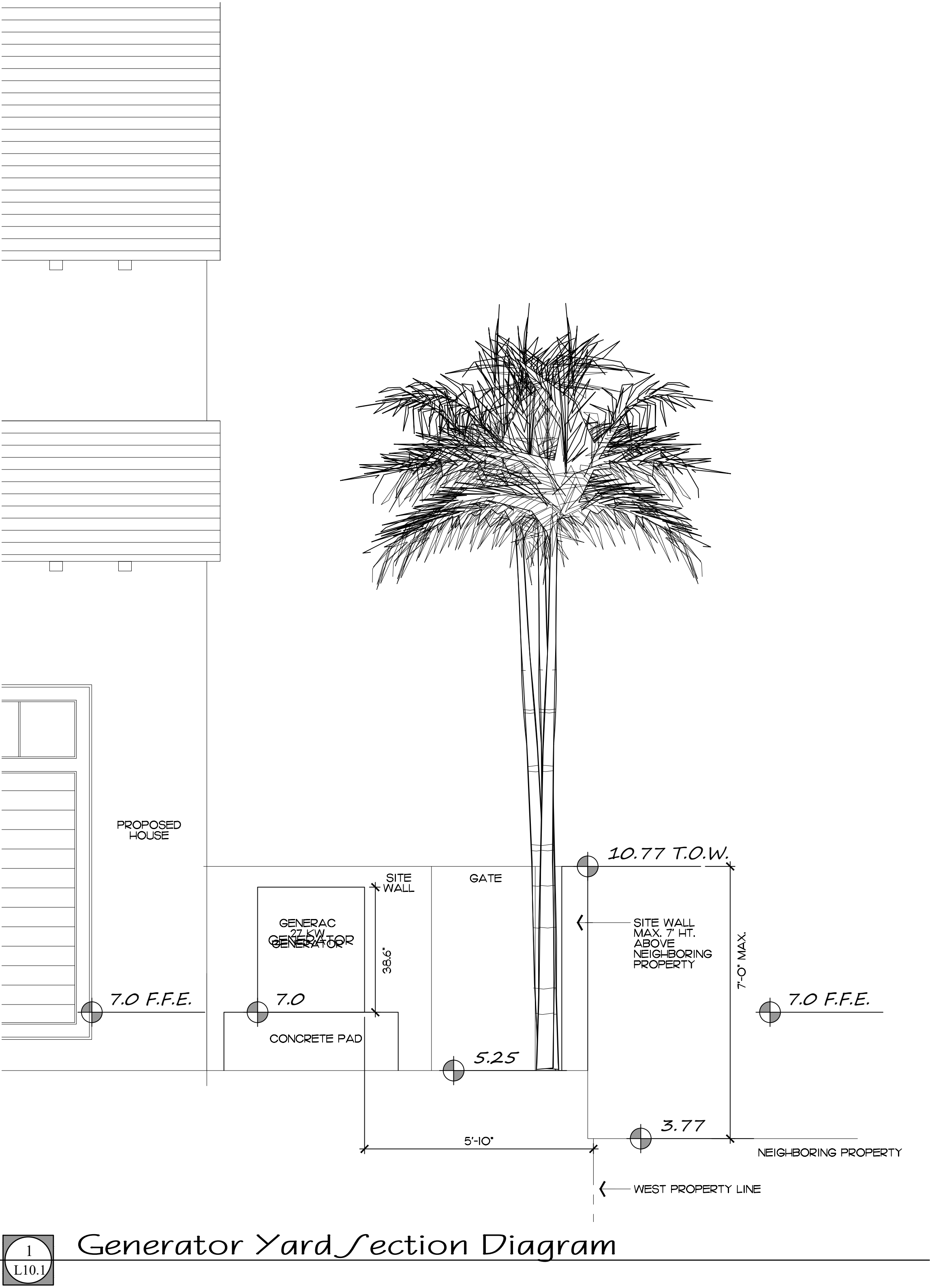
48 HOURS BEFORE DIGGING
CALL TOLL FREE
1-800-432-4770
SUNSHINE STATE ONE CALL
OF FLORIDA, INC.

ZON-22-088
ARCOM# ARC-22-126
Section Diagrams
SCALE IN FEET 0' 4' 8' 12'

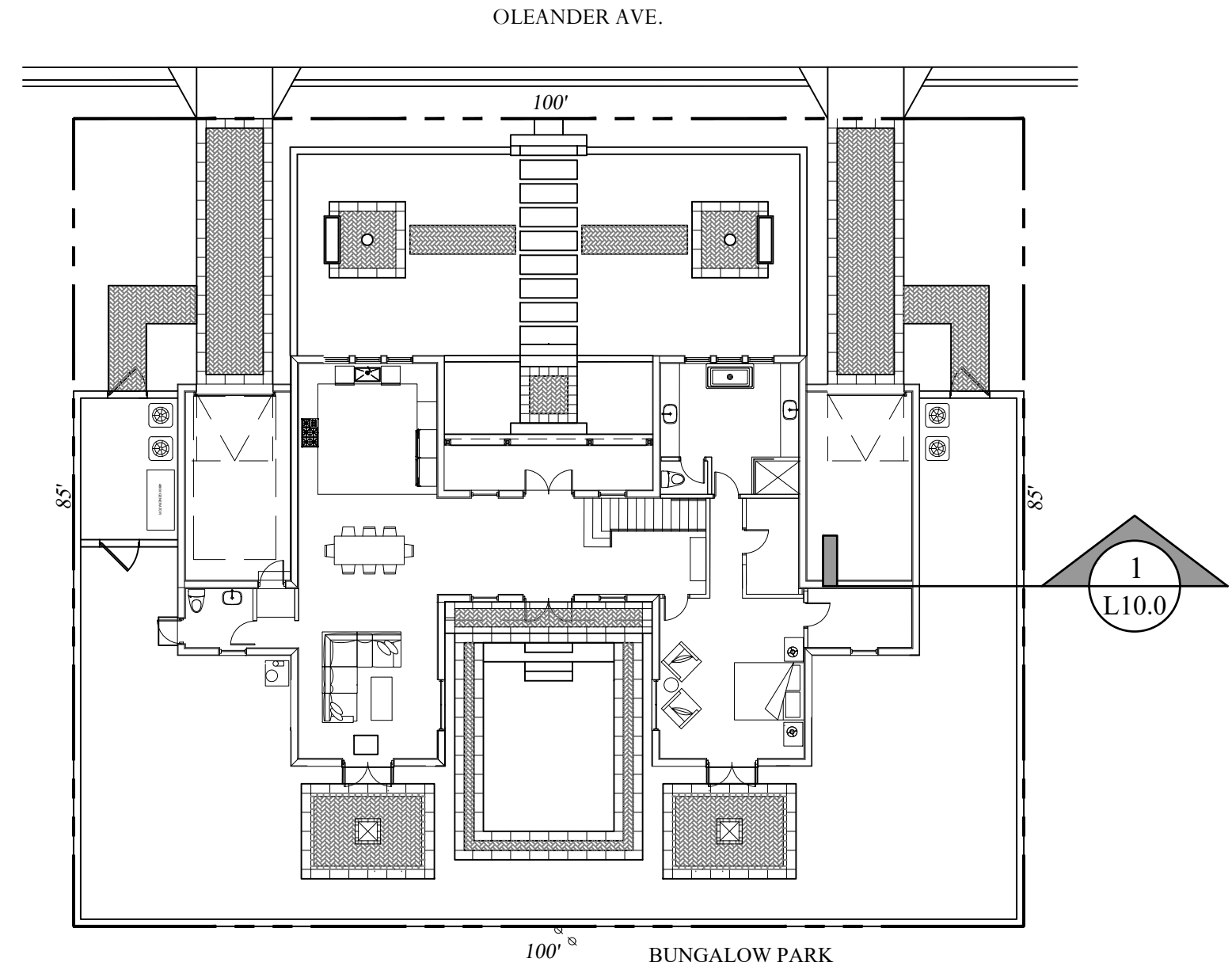
Private Residence
240 Oleander Avenue
Palm Beach
F L O R I D A

JOB NUMBER: # 22013.00 LA
DRAWN BY: Jean Twomey
DATE: 05.31.2022
08.10.2022

SHEET L10.1



Generator Yard Section Diagram



Site Plan

SCALE: 1/16" = 1'

KOHLER Models: 20RCA(L) Multi-Fuel LPG/Natural Gas



The Kohler® Advantage

- High Quality Power**
Kohler home generators provide advanced voltage and frequency regulation along with ultra-low levels of harmonic distortion for excellent generator power quality to protect your valuable electronics.
 - Extraordinary Reliability**
Kohler is known for extraordinary reliability and performance and backs that up with a premium 5-year or 2000 hour limited warranty.
 - Powerful Performance**
Exclusive PowerTech™ technology provides excellent starting power.¹
 - Aluminum Enclosure**
Attractive aluminum enclosure allows installation as close as 18 inches from your home or small business.²
Enclosure panels can be removed without tools to allow easy access for maintenance and service.
- Standard Features**
- RDC2 Controller**
 - One digital controller manages both the generator set and transfer switch functions (with optional Model RXT).
 - Electronic speed control responds quickly to varying demand.
 - OnQuE® Plus Generator Management System for remote monitoring is included with the generator.
 - Kohler Command PRO® OHV Engine Features**
 - Kohler Command PRO® OHV engine with hydraulic valve lifters for reliable performance without routine valve adjustment or lengthy break-in requirements.
 - Designed for Easy Installation**
 - Sturdy aluminum base can be mounted on gravel or a concrete mounting pad.
 - Fuel and electrical connections through the enclosure wall eliminate the need for stub-ups through the base.
 - Customer connection terminal block located near the controller allows easy access for field wiring.
 - Designed for outdoor installation only.
 - Certifications**
 - Meets emission regulations for U.S. Environmental Protection Agency (EPA) with both natural gas and LPG.
 - UL 2200-CUL listed (60 Hz model).
 - CSA certification available (60 Hz model).
 - Accepted by the Massachusetts Board of Registration of Plumbers and Gas Fitters.
 - Meets 181 mph wind rating.
 - Approved for stationary standby applications in locations served by a reliable utility source.**
 - 20RCAL models packaged with a Model RXT automatic transfer switch are available. See page 4 and the Model RXT ATS specification sheet.**
 - Warranty**
 - 5-year/2000 hour limited warranty for on-grid (standby) applications in locations served by a reliable utility source.

Generator Ratings

Alternator	Voltage	Phase	Hz	Standby Ratings		Natural Gas		LPG		Line Circuit Breaker	
				KW/KVA	Amps	KW/KVA	Amps	KW/KVA	Amps	Amps	Poles
257	120/240	1	60	18/18	75	20/20	83	100	2		
	120/208	3	60	17/21	58	17/21	58	70	3		
257	120/240	3	60	17/21	51	17/21	51	60	3		
	120/240	3	60	17/21	38	17/21	38	30	3		

Note: The line circuit breaker is automatically selected based on the generator set model and voltage configuration.
RATINGS: Standby ratings apply to installations served by a reliable utility source. All single phase units are rated at 1.0 power factor. The standby rating is applicable to variable loads with an average load factor of 80% for continuous operation. The maximum capacity is specified at this rating. Ratings shown are based on 120V/240V, 60Hz, 1-phase, 3-wire and 240V, 3-phase, 3-wire configurations. GUIDELINES FOR DERATING: ALTITUDE: Derate 4% per 200m (1000 ft) elevation above 1200m (5000 ft). TEMPERATURE: Derate 2% per 5.5°C (10°F) temperature increase above 16°C (60°F). Availability is subject to change without notice. The generator set manufacturer reserves the right to change the design or specifications without notice and without any obligation to notify end-users. Contact your local Kohler Co. generator distributor for availability.

¹ Check the appliance manufacturer's specifications for actual power requirements. Consult a Kohler® Power Systems professional to calculate your exact residential power system requirements.
² Meets NFPA guidelines for 18 inch clearance to combustible materials. Check state and local codes for minimum clearance required from a structure.
04-272 (2019CA) 5.0.14

Generac 27 KW Generator

COPYRIGHT: 2022
The following drawings are instruments of service to the Landscape Architect. They are not products of design. All ideas, designs, arrangements and plans indicated or represented by this/these drawings are owned by and the property of the designer, and were created, evolved and developed for use on and in connection with this project. None of such ideas, designs, arrangements or plans shall be used by or disclosed to any person, firm or corporation without the written permission of the Landscape Architect.

DISCLAIMER: 2022
Construction, as the term is generally understood, and that ENVIRONMENT DESIGN GROUP does not provide landscape architectural services during construction, including on-site monitoring, site visits, shop drawing review, design clarification, etc., the client agrees to indemnify and hold harmless ENVIRONMENT DESIGN GROUP from any liability arising from, acts or omissions in the performance of said services during construction by the client, and his/her agents, employees, or subcontractors.

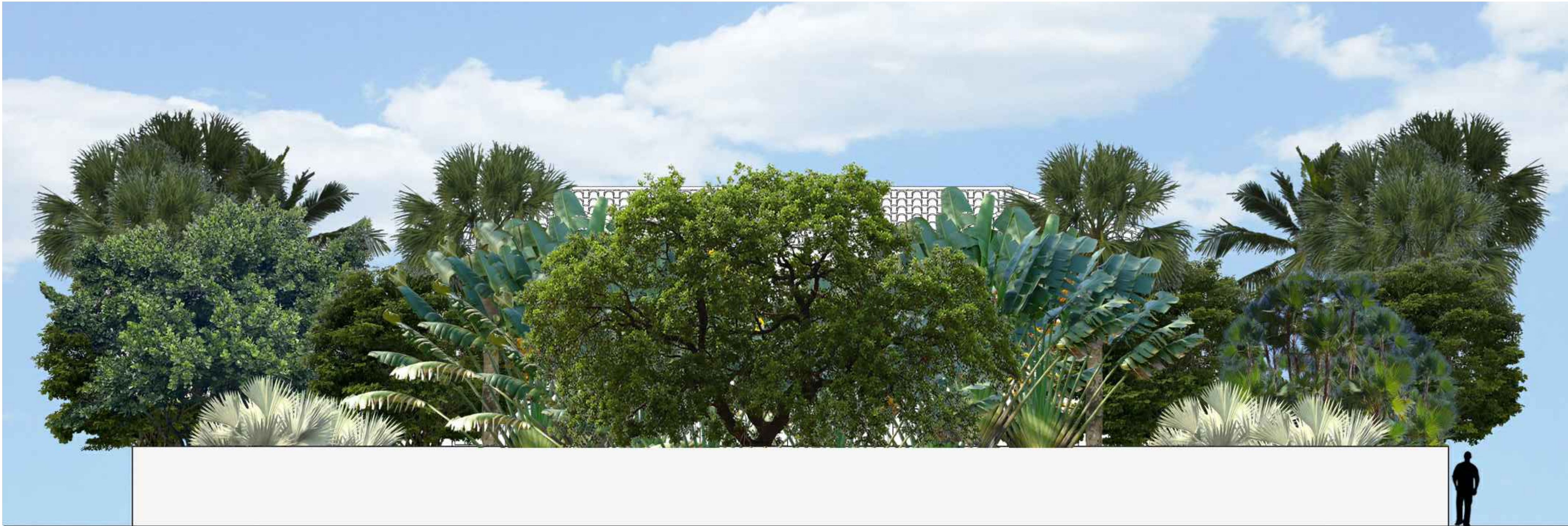
48 HOURS BEFORE DIGGING
CALL TOLL FREE
1-800-432-4770
SUNSHINE STATE ONE CALL
OF FLORIDA, INC.

ZON-22-088
ARCOM# ARC-22-126
Equipment Yard Section Diagram

SCALE IN FEET 0' 2' 4' 8'



North / Front Elevation



South / Rear Elevation

Private Residence
240 Oleander Avenue
Palm Beach

F L O R I D A

JOB NUMBER: # 22013.00 LA
DRAWN BY: Jean Twomey
DATE: 02.15.2023

SHEET L11.0

2023
COPYRIGHT: The following drawings are instruments of service to the Landscape Architect. They are not products of design. All ideas, designs, arrangements and plans indicated or represented by this/these drawings are owned by and the property of the designer, and were created, evolved and developed for use on and in connection with this project. None of such ideas, designs, arrangements or plans shall be used by or disclosed to any person, firm or corporation without the written permission of the Landscape Architect.

2023
DISCLAIMER: Construction, as the term is generally understood, and that ENVIRONMENT DESIGN GROUP does not provide landscape architectural services during construction, including on-site monitoring, site visits, shop drawing review, design clarification, etc., the client agrees to indemnify and hold harmless ENVIRONMENT DESIGN GROUP from any liability arising from acts or omissions in the performance of said services during construction by the client, and his/her agents, employees, or subcontractors.

48 HOURS BEFORE DIGGING
CALL TOLL FREE
1-800-432-4770
SUNSHINE STATE ONE CALL
OF FLORIDA, INC.

ZON-22-088
ARCOM# ARC-22-126
Front / Rear Landscape Elevations
SCALE IN FEET: 3/16"=1'-0"



East Elevation



West Elevation

Private Residence
240 Oleander Avenue
Palm Beach

F L O R I D A

JOB NUMBER: # 22013.00 LA
DRAWN BY: Jean Tuomey
DATE: 02.15.2023

SHEET L11.1

COPYRIGHT: 2023
The following drawings are instruments of service to the Landscape Architect. They are not products of design. All ideas, designs, arrangements and plans indicated or represented by this/these drawings are owned by and the property of the designer, and were created, evolved and developed for use on and in connection with this project. None of such ideas, designs, arrangements or plans shall be used by or disclosed to any person, firm or corporation without the written permission of the Landscape Architect.

DISCLAIMER: 2023
Construction, as the term is generally understood, and that ENVIRONMENT DESIGN GROUP does not provide landscape architectural services during construction, including on-site monitoring, site visits, shop drawing review, design clarification, etc. The client agrees to indemnify and hold harmless ENVIRONMENT DESIGN GROUP from any liability arising from, acts or omissions in the performance of said services during construction by the client, and his/her agents, employees, or subcontractors.

48 HOURS BEFORE DIGGING
CALL TOLL FREE
1-800-432-4770
SUNSHINE STATE ONE CALL
OF FLORIDA, INC.

20A-22-088
ARCOM# ARC-22-126
Side Landscape Elevations
SCALE IN FEET: 3/16"=1'-0"