Zoning Legend

PROPERTY ADDRESS		249 SEABREEZE AVENUE			
ZONING DISTRICT		R-B LOW DENSITY RESIDENTIAL			
LOT AREA (SQ. FT.)		12,235 S.F.			
LOT WIDTH (W) & LOT DEPTH (D) (FT.)		100' (W) X 122.5' (D)			
STRUCTURE TYPE:		SINGLE FAMILY HOME			
FEMA FLOOD ZONE DESIGNATION:		N/A			
ZERO DATUM FOR POINT OF MEAS. (NAVD)		N/A			
CROWN OF ROAD (COR) (NAVD)	CROWN OF ROAD (COR) (NAVD)		N/A		
	REQ'D / PERN	MITTED	EXISTING	PROPOSED	
LOT COVERAGE	N/A		N/A	N/A	
ENCLOSED SQUARE FOOTAGE	N/A		N/A	N/A	
FRONT YARD SETBACK (FT.)	N/A		N/A	N/A	
SIDE YARD SETBACK (IST STORY) (FT.	N/A		N/A	N/A	
SIDE YARD SETBACK (2ND STORY) (FT.)	N/A		N/A	N/A	
REAR YARD SETBACK (FT.)	N/A		N/A	N/A	
ANGLE OF VISION (DEG.)	N/A		N/A	N/A	
BUILDING HEIGHT (FT.)	N/A		N/A	N/A	
OVERALL BUILDING HEIGHT (FT.)	N/A		N/A	N/A	
CUBIC CONTENT RATIO (CCR) (R-B ONLY)	N/A		N/A	N/A	
MAX. FILL ADDED TO SITE (FT.)	N/A		N/A	N/A	
FINISHED FLOOR ELEVATION (FFE) (NAVD)	N/A		N/A	N/A	
BASE FLOOD ELEVATION (FFE) (NAVD)	N/A		N/A	N/A	

Landscape Legend

	REQ'D / PERMITTED	PROPOSED
LANDSCAPE OPEN SPACE (LOS) (SQ. FT. AND %)	45% MINIMUM 5,505.75 S.F.	47.5% 5,813 S.F.
LOS TO BE ALTERED (SQ. FT. AND %)	N/A	19.8% 1,152.7 S.F.
PERIMETER LOS (SQ. FT. AND %)	50% 2,752.8 S.F.	54.9% 3,025 S.F.
FRONT YARD LOS (SQ. FT. AND %)	40% MIN. 1000 S.F.	52% 1300 S.F.
NATIVE TREES %	30%	100%
NATIVE SHRUBS & VINES %	30%	62.2%
NATIVE GROUNDCOVER %	30%	47.47%

RECEIVED

By yfigueroa at 9:39 am, Jul 09, 2024



Private Residence
249 Seabreeze Avenue
Town of Palm Beach
Final Submittal: 05/03/24
ARC-24-006

Projected Meeting Date: 05/29/2024

∫heet Index

Coversheet

L1.0 Previously Approved Plan Jurvey

Civil Engineering Plan

- L1.1 Existing Conditions
- L1.2 Existing Conditions Photos
- L1.3 Existing Conditions Photos
- L2.0 Vegetation Action / Demolition Plan
- L3.0 Construction / taging & / creening Plan
- L4.0 Truck Logistics Plan
- L5.0 ∫ite Plan
- L5.1 /ite Plan Comparison
- L5.2 Landscape Open Space Calculations
- L5.3 Exterior Material & Finishes
- L5.4 Proposed Additional Street Parking
- L6.0 Landscape Plan
- L6.1 Landscape Schedule
- L6.2 Planting Details & Specifications
- L6.3 Landscape Alteration Plan
- L6.4 Rendered Landscape Plan
- L6.5 Rendered Front (south) Elevation

Scope of Work

- Driveway Modifications removal of one of the two existing curb-cuts
- Proposed Retaining Wall / Curb with Fence

Design Team/Consultants

Landscape Architects

ENVIRONMENT DESIGN GROUP

139 NORTH COUNTY ROAD SUITE 20B

PALM BEACH, FL 33480

561.832.4600

WWW.ENVIRONMENTDESIGNGROUP.COM

Civil Engineer

GRUBER CONSULTING ENGINEERS

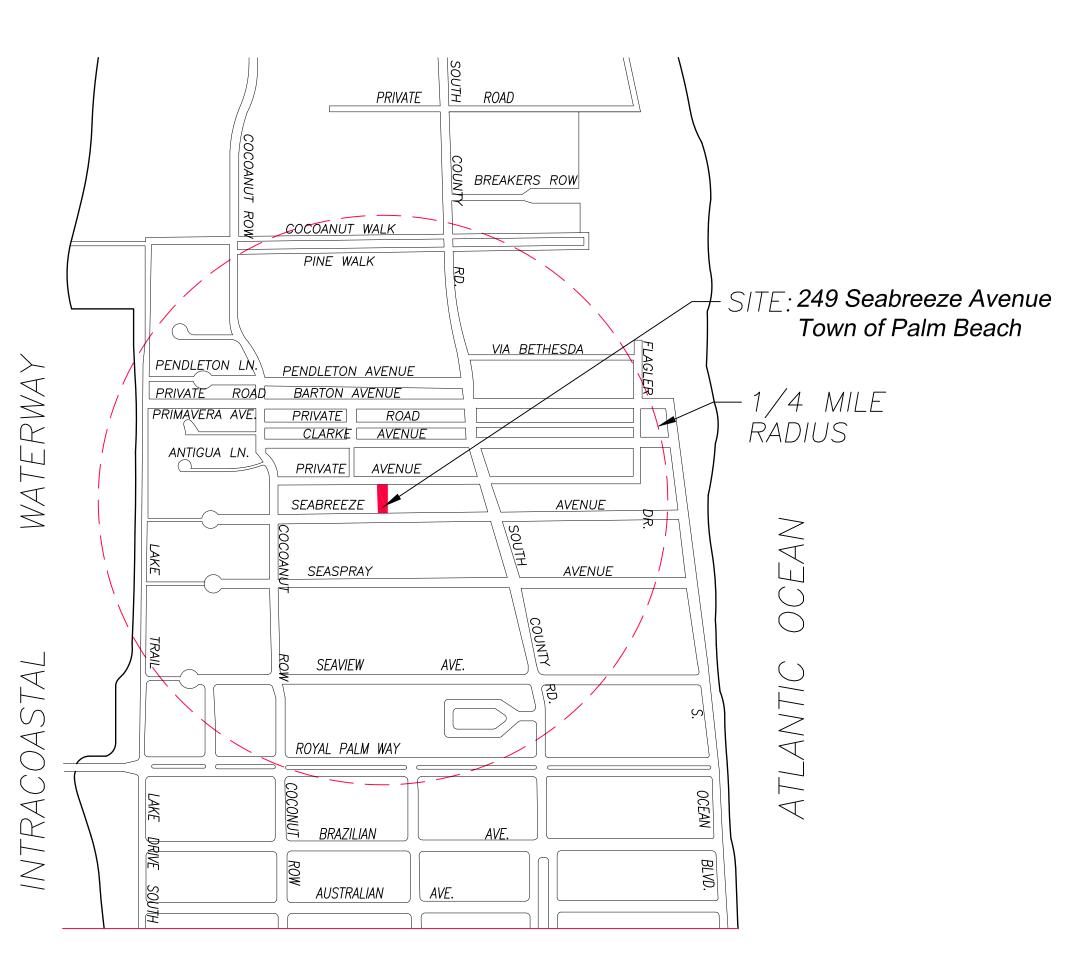
2475 MERCER AVE

WEST PALM BEACH, FL 33401

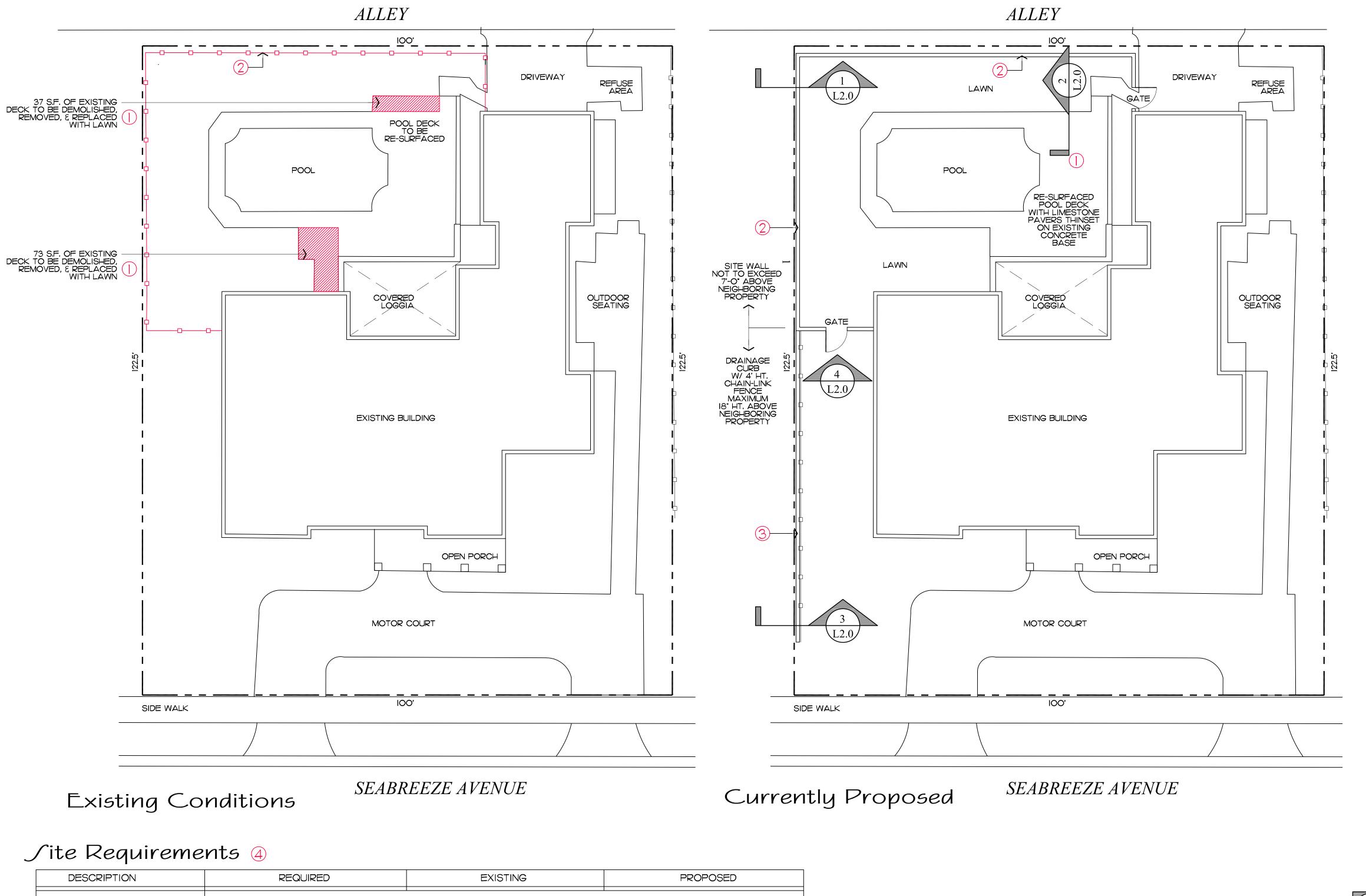
561.312.2041



Aerial View

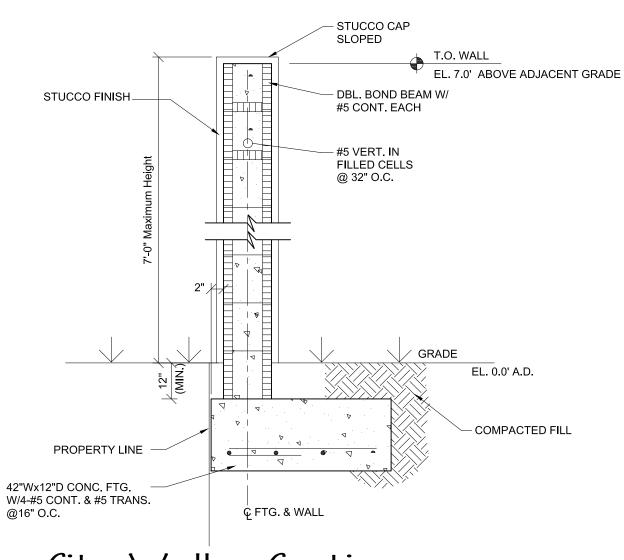


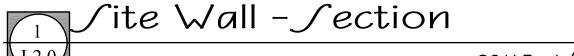
Vicinity/Location Map

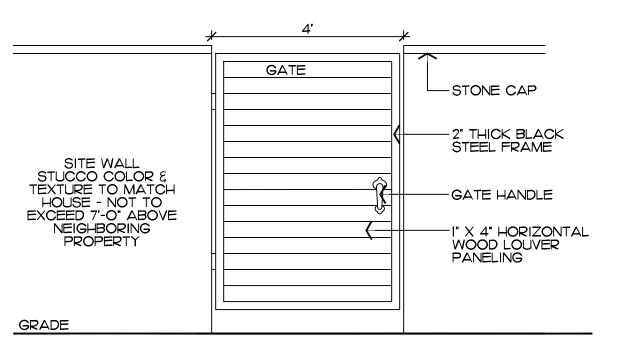


Revisions

- () EXISTING POOL DECK TO BE RE-SURFACED WITH LIMESTONE AND REDUCED IN SIZE (IIO S.F. OF HARDSCAPE REMOVED)
- 2 EXISTING CHAIN-LINK FENCE TO BE REPLACED WITH SITE WALL AND GATES. NOT TO EXCEED 7'-O ABOVE NEIGHBORING PROPERTY (62 S.F. OF HARDSCAPE ADDED)
- 3 PROPOSED DRAINAGE CURB NOT TO EXCEED 18" HT. ABOVE NEIGHBORING PROPERTY, W/ 4' HT. CHAIN-LINK FENCE (43 S.F. OF HARDSCAPE ADDED)
- (4) REVISED SITE DATA CALCULATIONS
- (5) MINOR MODIFICATIONS TO EXISTING LANDSCAPE BUFFER - SEE SHEET L3.0 FOR DETAILS







/ite Wall & Gate - Elevation SCALE: 1/2" = 1'-0"

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

/HEET L1.0

RB - (50 - PALM BEACH)

4,982 S.F.

1,300 S.F

3,025 S.F.

NEW LIMESTONE PAVERS

EXISTING -CONCRETE BASE

THINSET

12,235 S.F.

40.76%

52%

54.9%

4,987 S.F.

1,300 S.F.

3,025 S.F.

* 5 S.F. OF ADDITIONAL OPEN SPACE

Pool Deck - Section SCALE: 1/2" = 1'-0"

Drainage Curb & Fence - Section

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

NEIGHBORING PROPERT'

PROPERTY LINE -

PROPOSED 4' HT CHAINLINK FENCE

249 SEABREEZE

PROPOSED
DRAINAGE CURB

PREVIOUSLY APPROVED Jite Plan SCALE IN FEET 1' = 3/32"

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

LOT ZONE

LOT AREA

OPEN / PERMEABLE SPACE

PERIMETER LANDSCAPE WITHIN IO' OF PROPERTY LINE

FRONT YARD LANDSCAPE

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DESIGN GROUP from any liability arising from, acts or omissions in the performance of said

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10,000 S.F. MINIMUM

5,505.75 S.F

1,000 S.F.

2,752.8 S.F.

40.71%

52%

54.9%

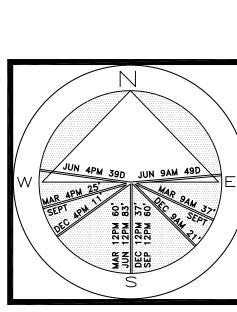
MINIMUM 45%

MINIMUM 40% OF FRONT YARD

MINIMUM 50% OF REQ'D OPEN SPACE

EMVIROMMEM **DE/IG/I** ROUP 139 North County Road S#20-B Palm Beach, FI 3348 Phone 561.832.4600 Mobile 561.313.442 Landscape Architecture Land Planning Landscape Management

Dustin M. Mizell, MLA RLA #6666784 Dustin@environmentdesigngroup.com



JOB NUMBER: # 22290.00 LA DRAWN BY: Allison Padilla ∫ean Twomey 04.20.2023 05.02.2023

Boundary Survey For: ELIZABETH L BERGER & JOSEPH G BERGER

LEGEND

= ARC LENGTH = AIR CONDITIONING = ACCESS EASEMENT

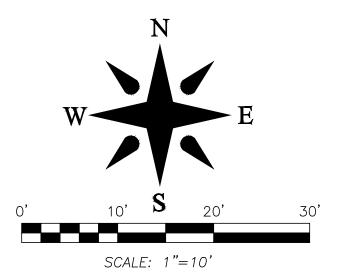
= ASPHALT

= BUILDING = BENCHMARK

BLDG.

= ALSO KNOWN AS

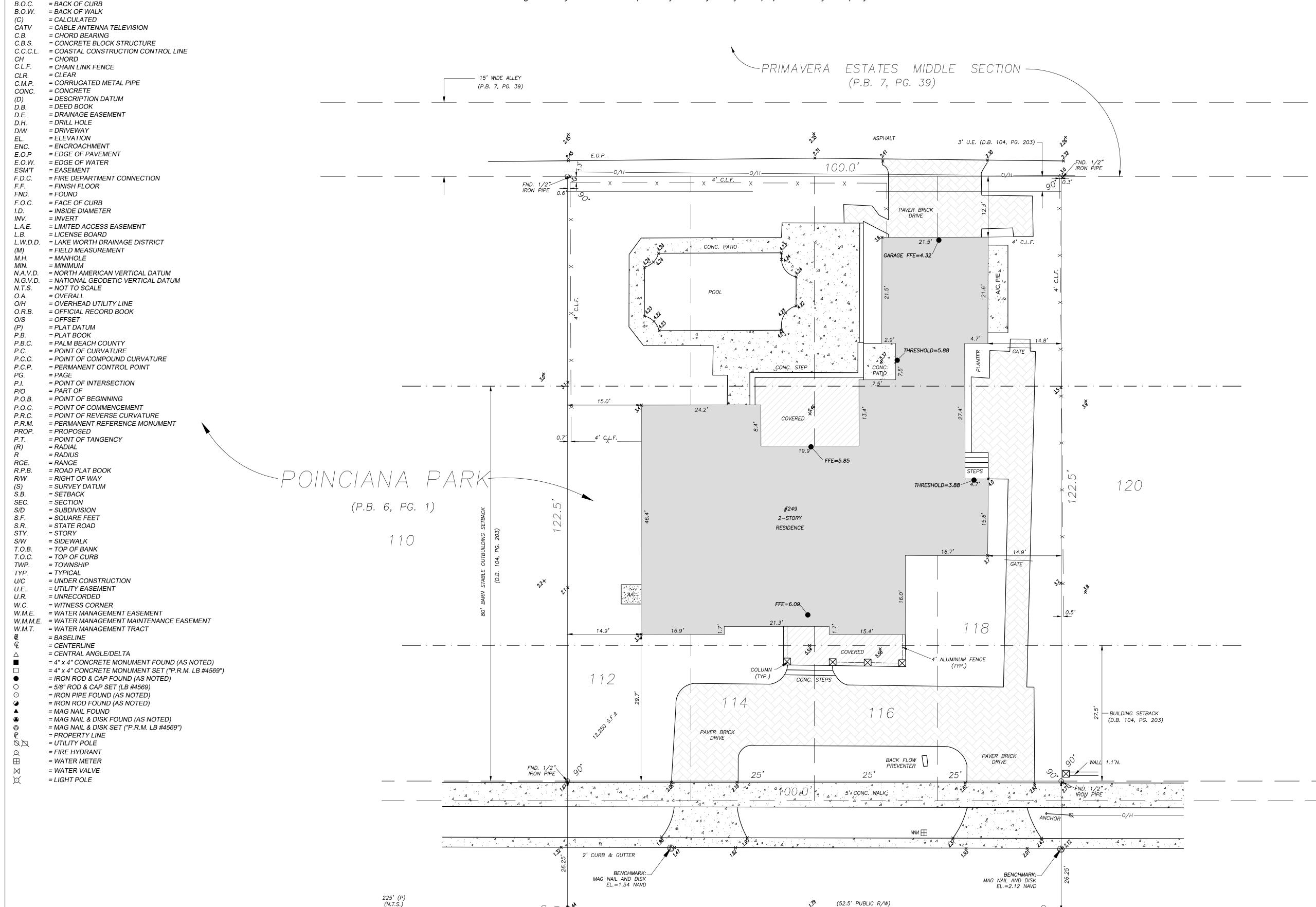
= BACK FLOW PREVENTOR



This survey is made specifically and only for the following parties for the purpose of a closing on the surveyed property.

Elizabeth L Berger & Joseph G Berger

The undersigned surveyor assumes no responsibility or liability for any other purpose or to any other party other than stated above.



SEABREEZE

PROPERTY ADDRESS:

249 Seabreeze Ave

Palm Beach, FL 33480

Lots 112, 114, 116, and 118 of POINCIANA PARK, according to the Plat thereof as recorded in Plat Book 6, Page 1, Public Records of Palm Beach County, Florida.

This property is located in Flood Zone AE (EL 6) according to F.I.R.M. (Flood Insurance Rate Map) No.

12099C 0583F, dated 10/05/2017

- 1. All information regarding record easements, adjoiners, and other documents that might affect the quality of title to tract shown hereon was gained from commitment number ?????, issued by ???, dated? This office has made no search of the Public
- 2. Elevations shown hereon, if any, are in feet and decimal parts thereof and are based on NAVD-88. The expected accuracy of the elevations shown hereon is 0.03' for the hard surface elevations (shown thus x 0.00) and 0.1' (shown thus x 0.0) for the soft surface elevations. Elevations shown hereon are U.S. survey feet unless otherwise noted.
- Description furnished by client or client's agent. 4. Unless presented in digital form with electronic seal and electronic signature this survey must bear the signature and the original raised seal of a Florida licensed surveyor or mapper this drawing, sketch, plat or map is for informational purposes only and is
- 5. This survey cannot be transferred or assigned without the specific written permission of Wallace Surveying Corporation
- Certificate of Authorization Number LB4569. Except as shown, underground and overhead improvements are not located. Underground foundations not located.
- The survey sketch shown hereon does not necessarily contain all of the information obtained or developed by the undersigned
- No responsibility is assumed by this surveyor for the construction of improvements, from building ties shown on this survey.
- Revisions shown hereon do not represent a "survey update" unless otherwise noted. 10. All dates shown within the revisions block hereon are for interoffice filing use only and in no way affect the date of the field
- 11. In some instances, graphic representations have been exaggerated to more clearly illustrate the relationships between physical
- improvements and/or lot lines. In all cases, dimensions shown shall control the location of the improvements over scaled
- 12. It is a violation of Rule 5J-17 of the Florida Administrative Code to alter this survey without the express prior written consent of the Surveyor. Additions and/or deletions made to the face of this survey will make this survey invalid.
- 13. The ownership of fences, perimeter walls and/or hedges shown hereon are not known and thus are not listed as encroachments. Fences, hedges and/or perimeter walls are shown in their relative position to the boundary.
- 14. The expected horizontal accuracy of the information shown hereon is +/- 0.10'.

CERTIFICATION:

I HEREBY ATTEST that the survey shown hereon conforms to the Standards of Practice set forth by the Florida Board of Professional Surveyors and Mappers adopted in Rule 5J-17, Florida Administrative Code pursuant to Section 472.027, Florida Statutes, effective September 1, 1981.

DATE OF LAST FIELD SURVEY:9/3/2021

Professional Surveyor and Mapper Florida Certificate No. 3357 Sheet 1 of 1

Boundary & Topographic Survey For:

ELIZABETH L BERGER & JOSEPH G BERGER





JOB NO.: 21.1483.1 F.B. PB320 PG. 4 DATE: 09/03/21 D.R. DWG. NO. 21-1483-1 REF: 21.1483.1.DWG | SHEET

STORMWATER RETENTION CALCULATIONS

- A. <u>SITE INFORMATION</u>
- Total Property Area = 12,250 sq.ft.

Proposed Redeveloped Drainage Area = 4,261 sq.ft.

Drainage Area Impervious Surface = 1,537 sq.ft.

Drainage Area Pervious Surface = 2,724 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 = 1.0 (impervious surface) C = 0.2 (pervious surface) i = 2 in/hr

Impervious Surface Runoff Volume:

 $1.0 \times 2 \text{ in/hr } \times 1,537 \text{ sq.ft.} \times 1 \text{ ft./}12 \text{ in.} = 257 \text{ cu.ft.}$

Pervious Runoff Volume:

 $0.2 \times 2 \text{ in/hr } \times 2,724 \text{ sq.ft.} \times 1 \text{ ft./}12 \text{ in.} = 91 \text{ cu.ft.}$

Total Volume to be Retained = 348 cu.ft.

C. PROPOSED EXFILTRATION TRENCH SIZING

Exfiltration Trench #1

= Total Length of Trench Provided = 30 ft = Trench Width = 20 ft

= 0.00005 cfs/sq.ft./ft. of head

= 1.58 ft

= 503 cu.ft.

K = Hydraulic Conductivity H2 = Depth to Water Table

DU = Un-Saturated Trench Depth = 1.00 ft DS = Saturated Trench Depth = 1.00 ft

V = Volume Treated

Exfiltration Trench #2

L = Total Length of Trench Provided = 16 ft

W = Trench Width = 12 ft

K = Hydraulic Conductivity = 0.00005 cfs/sq.ft./ft. of head

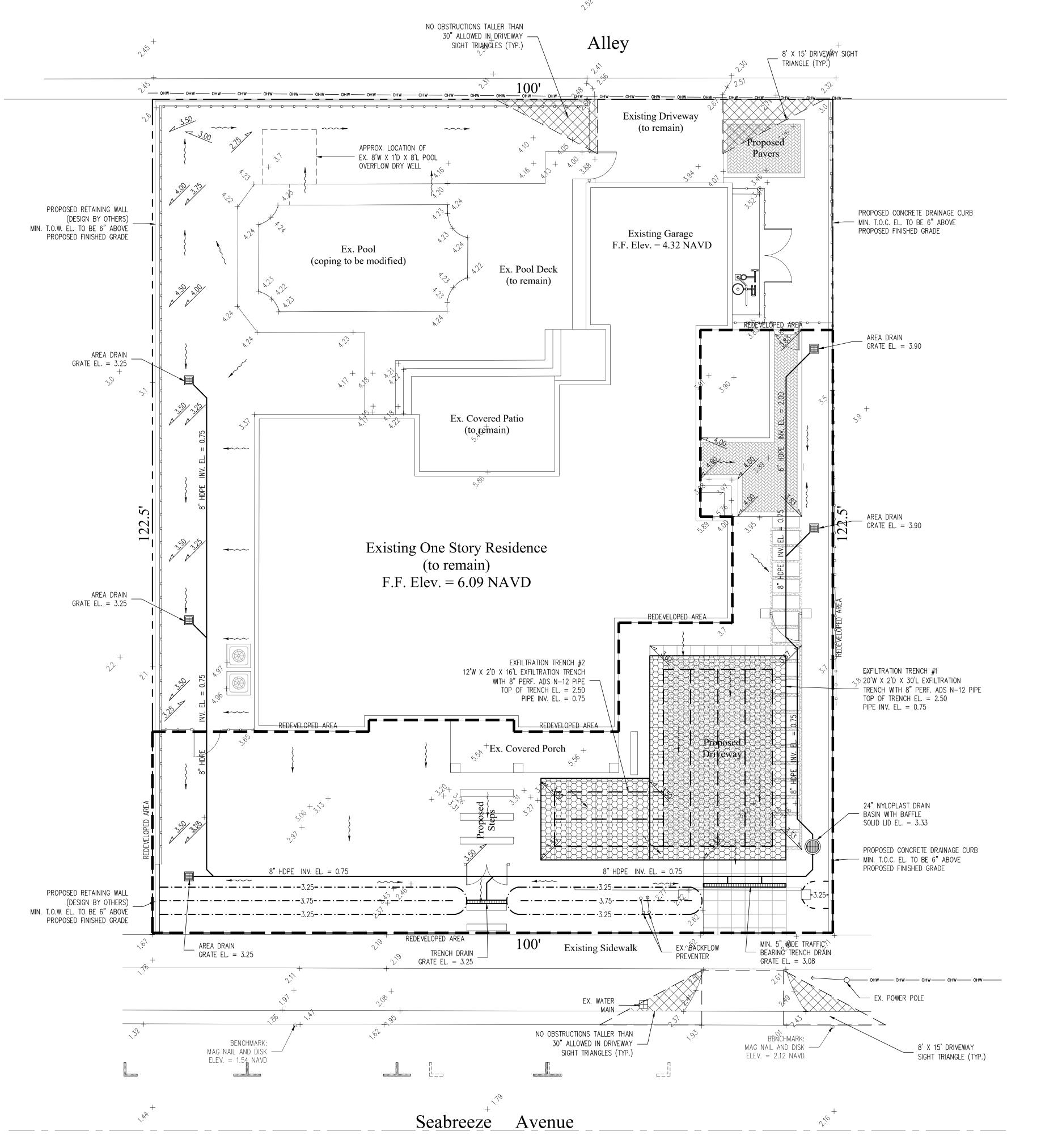
H2 = Depth to Water Table = 1.58 ft
DU = Un-Saturated Trench Depth = 1.00 ft
DS = Saturated Trench Depth = 1.00 ft

V = Volume Treated = 167 cu.f

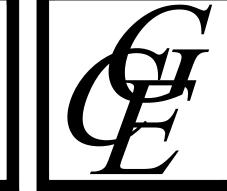
Total Volume Retained in Exfiltration Trenches = 670 cu.ft.

Notes:

- 1) Exfiltration trenches and storm piping to be protected from roots with a root barrier.
- 2) 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.
- 3) 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.
- 4) 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.
- 5) Contractor is responsible for installing and maintaining erosion control measures during construction.
- 6) Video inspection of storm drainage system required prior to installation of sod.







Gruber Consulting
Engineers, Inc.
2475 MERCER AVE., SUITE 305
WEST PALM BEACH, FL 33401
PHONE: 561.312.2041
office@gruberengineers.com

 Project Information

 oject No.
 2021-0157

 sue Date
 11/18/2023

 sale
 1/8" = 1'-0"

 rawn By
 KM

 hecked By
 CG

eno

Propose

Legend

+ EXISTING ELEVATION PER

WALLACE SURVEYING CORP. (NAVD-88)

PROPOSED ELEVATION (NAVD-88)

Location Map

N.T.S.

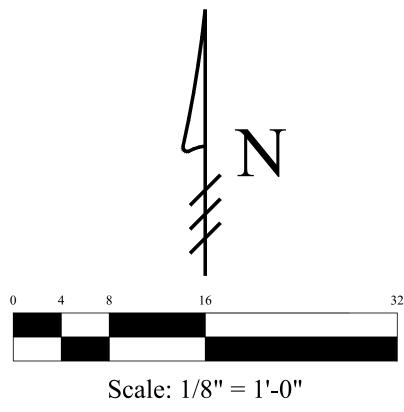
---7.00--- PROPOSED ELEVATION CONTOUR (NAVD-88)

FLOW DIRECTION

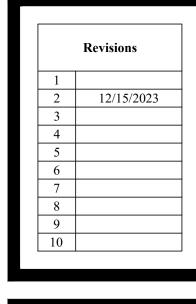
EXFILTRATION TRENCH

AREA DRAIN

24" NYLOPLAST DRAIN BASIN WITH BAFFLE



12/15/23 REVISIONS PER TOWN OF PALM BEACH COMMENTS



Chad M. Gruber

FL P.E. No. 57466

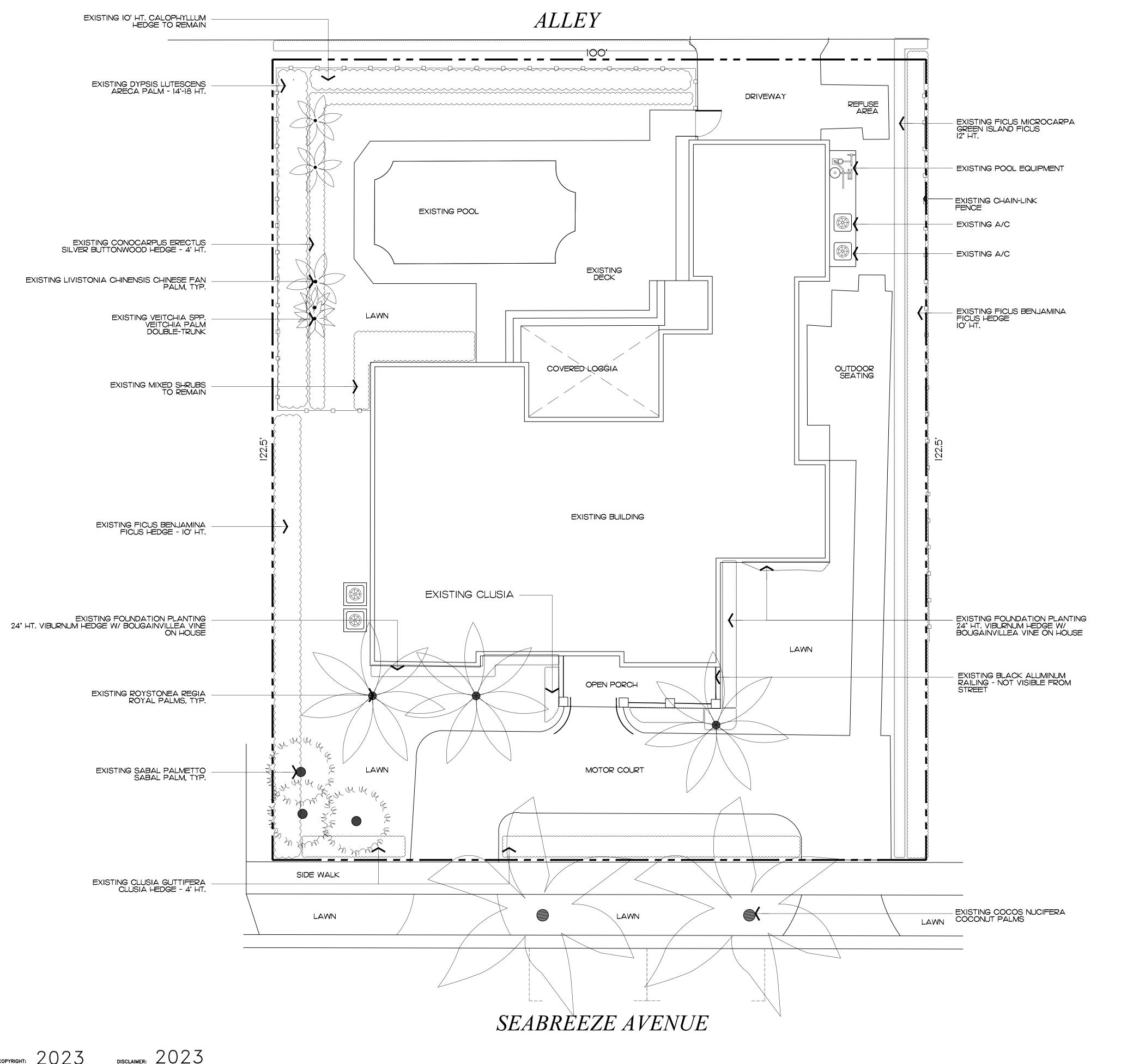
This item has been electronically signed and sealed by Chad M. Gruber on the date adjacent to the seal using a SHA authentication code. Printed copies of this document are not considered signed and sealed and the SHA authentication code must be verified on any electronic copies.

Plan Background from Hardscape Plan by Environment Design Group Received 11/16/23

ARC-24-006

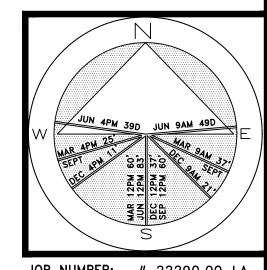
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Sheet No.





7



JOB NUMBER: # 22290.00 LA DRAWN BY: Fean Twomey DATE: 11.02.2023 01.16.2024

/HEET L1.1

ARC-24-006

QTY.

Existing/As-Built Conditions Plan Scale IN FEET O'

Existing Palms

PLANT NAME

COCOS NUCIFERA COCONUT PALMS

LIVISTONIA CHINENSIS

CHINESE FAN PALM

VEITCHIA PALM - DOUBLE-TRUNK

ROYSTONEA REGIA ROYAL PALMS

SABAL PALMETTO SABAL PALM

VEITCHIA SPP.

NOTE: THE SITE CURRENTLY HAS NO EXISTING TREES

SYMBOL

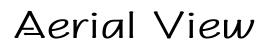
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PROPOSED RE-SURFACING OF POOL AND DECK DO NOT INCLUDE ANY CHANGES TO EXISTING GRADING, DRAINAGE, AND STORMWATER MANAGEMENT SYSTEM.

SEE EXISTING APPROVED GRADING, DRAINAGE, AND STORMWATER MANAGEMENT PLAN BY: AFFINITI ARCHITECTS - DATED: O5/10/1999 FOR DETAILS.



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ARC-24-006 Existing Conditions / Photos

Landscape Architecture Land Planning Landscape Management Dustin M. Mizell, MLA RLA #6666784 Dustin@environmentdesigngroup.com

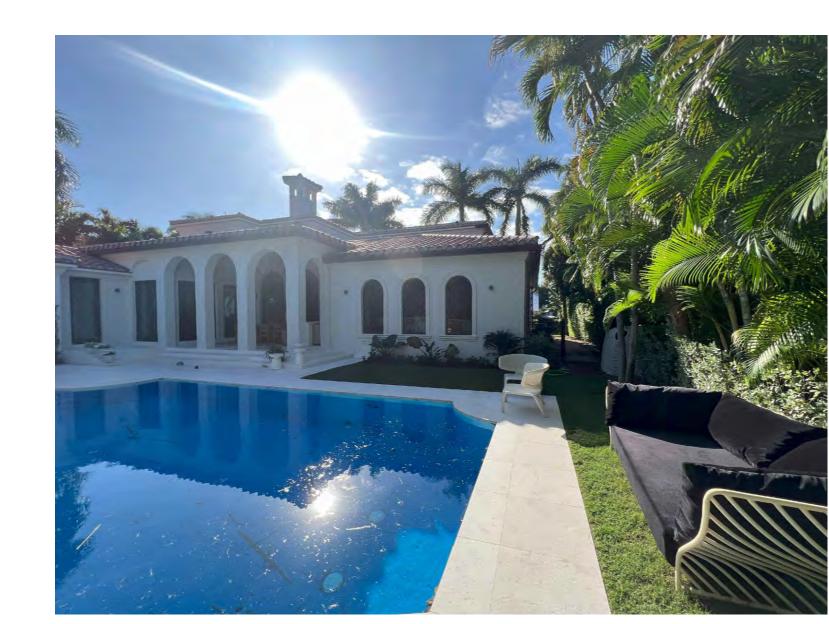
/HEET L1.2



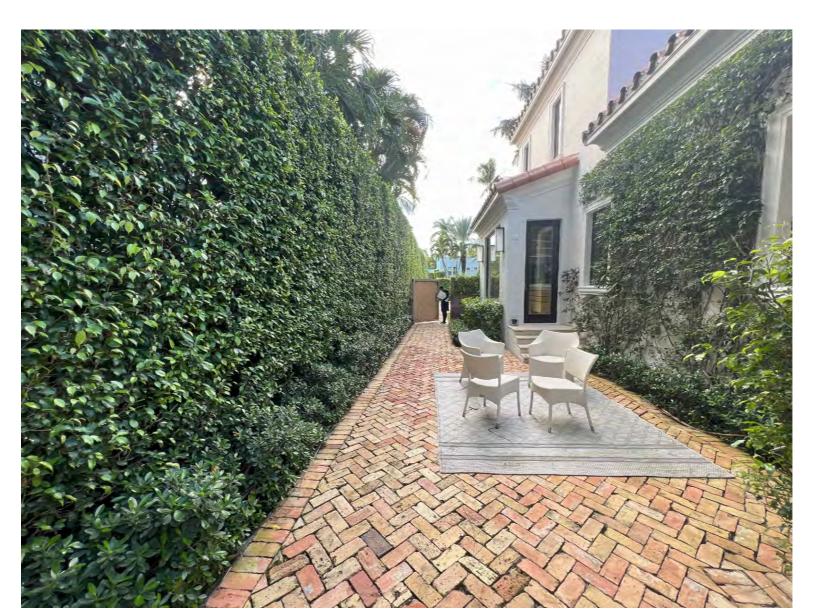
Front / Southeast Side of Property



West Side of Property



Backyard Pool Garden



East∫ide of Property



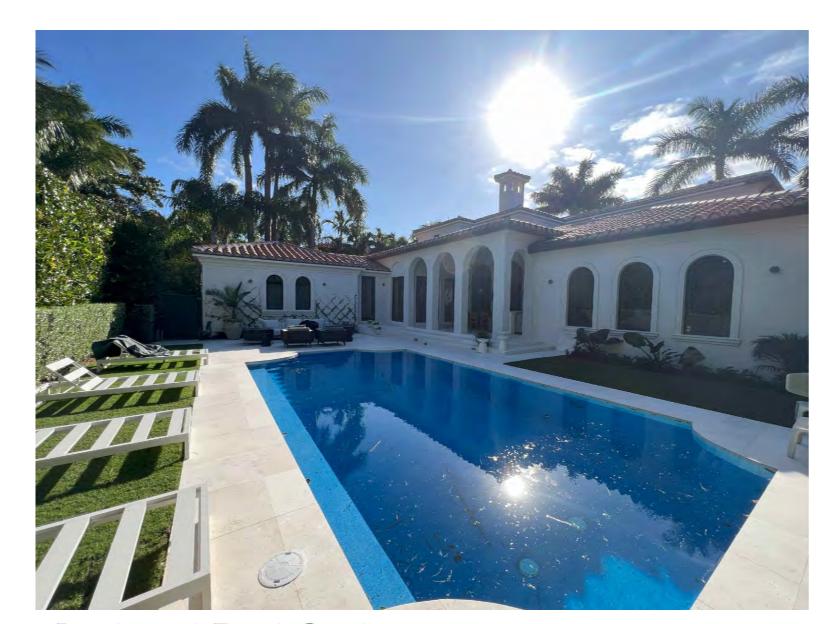
Backyard Pool Garden



∫treet View



East∫ide of Property



Backyard Pool Garden



Rear / North Side of Property

ARC-24-006 Existing Conditions / Photos



/HEET L1.3

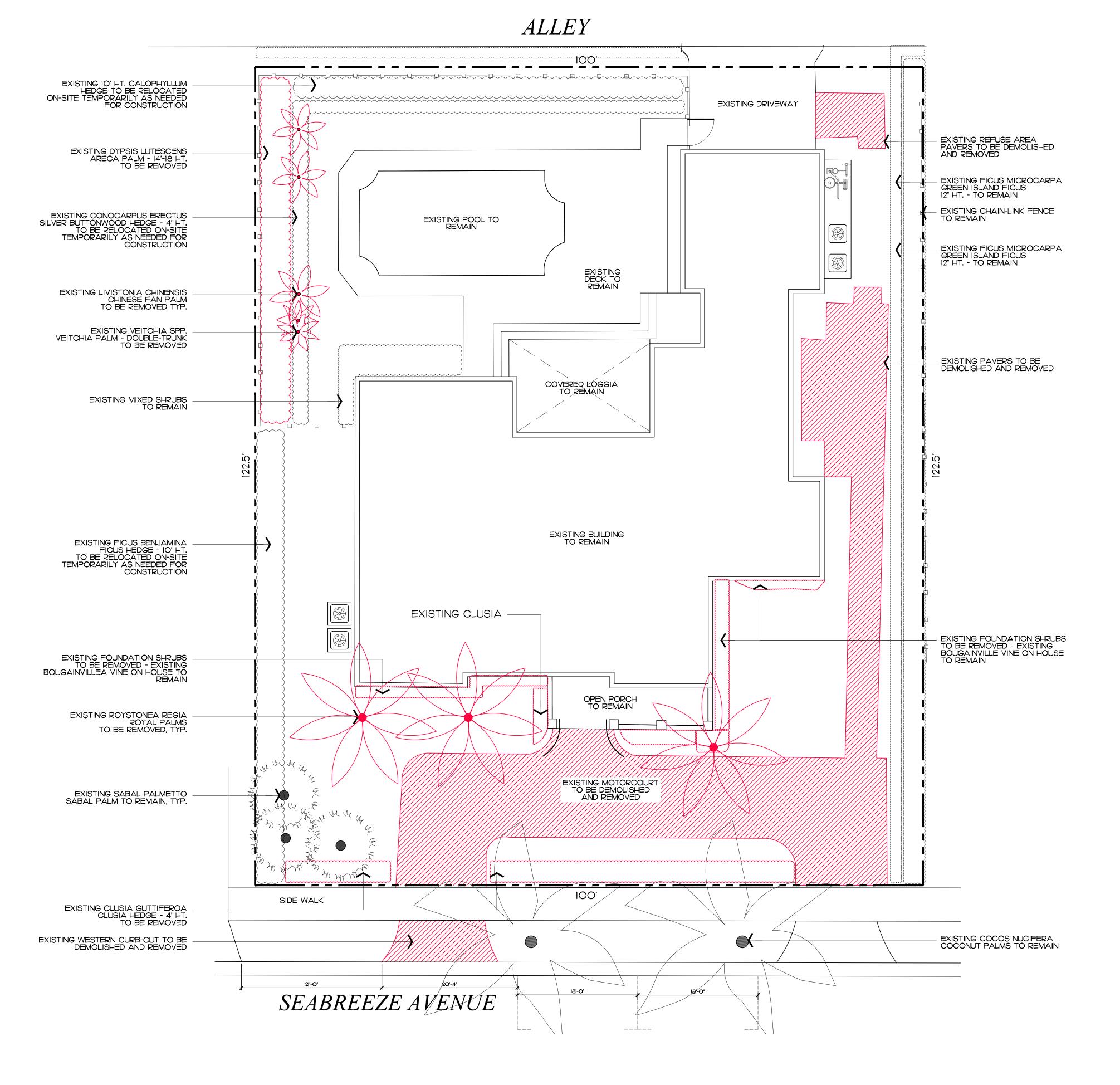
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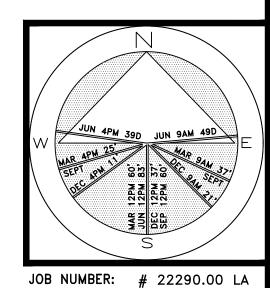


139 North County Road S#20-B Palm Beach, FI 33480
Phone 561.832.4600 Mobile 561.313.4424

Landscape Architecture
Land Planning
Landscape Management

Dustin M. Mizell, MLA RLA #6666784
Dustin@environmentdesigngroup.com

ivate Residence Teabreeze Avenue vn of Palm Beach



∕ĦEET L2.0

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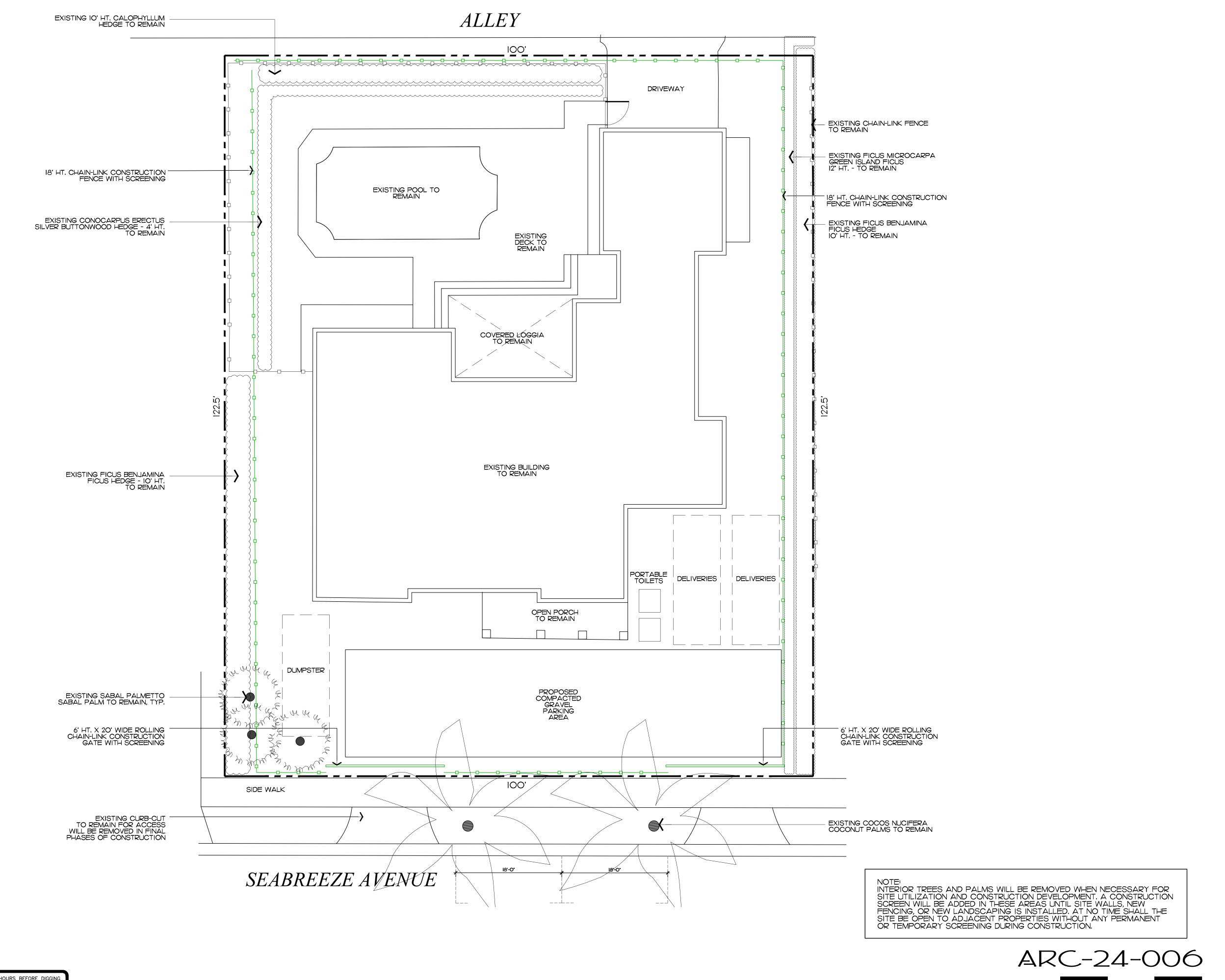
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Vegetation Action / Demolition Plan Scale IN FEET O'

ARC-24-006

Plan

SCALE IN FEET O' 8' 16' 24'



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Construction/creening &/taging Plan Scale IN FEET O'

7

_ NVIRONMENT

DE/IG/I ROUP

139 North County Road S#20-B Palm Beach, Fl 33481 Phone 561.832.4600 Mobile 561.313.4424

Landscape Architecture

Landscape Management

Dustin M. Mizell, MLA RLA #6666784 Dustin@environmentdesigngroup.com

Land Planning

JOB NUMBER: # 22290.00 LA DRAWN BY: Fean Twomey DATE: 10.23.2023

/HEET L3.0

ESTIMATED CONSTRUCTION SCHEDULE - PROJECTED ARCOM MEETING FEB 28, 2024 MAR 2024 - SUBMIT FOR PERMIT 1 MONTH - APR 2024 - MOBILIZATION & DEMOLITION OF EXISTING STRUCTURES • 2 MONTHS -MAY - JUNE 2024 INSTALLATION - FINISHES - LANDSCAPE & HARDSCAPE - FINAL INSPECTIONS 1 MONTH - PROPOSED TOTAL CONSTRUCTION • +/-3 MONTHS FOLLOWING BUILDING PERMIT

PROPOSED TRUCK INGRESS / EGRESS ROUTES MAP

TRUCK SIZES

2-5 DUMP TRUCKS (18 FT LENGTH) FOR DEBRIS REMOVAL TRAILER (25 FT LENGTH) FOR EXCAVATOR / DEMOLITION
LANDSCAPE TRUCKS (20 FT LENGTH)
FLAT BED TRUCKS (40 FT LENGTH) FOR PAVERS/STONES, TREES/PALMS DELIVERIES

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

ALL DELIVERIES AND OFFLOADING OF PAVERS, STONES, TREES, AND PALMS WILL REQUIRE SEPARATE ROW & MOT PERMITS. SUBCONTRACTORS TO FILE FOR EACH PERMIT ACCORDING TO THEIR CORRESPONDING PHASE OF WORK WITHIN ESTIMATED CONSTRUCTION SCHEDULE. ALL OTHER WORK TO BE PERFORMED ON SITE IN CONJUNCTION WITH PROPOSED CONSTRUCTION STAGING AND SCREENING PLAN. (ONSITE ACTIVITIES / NOT ROW)

Landscape Architecture Land Planning Landscape Management Dustin M. Mizell, MLA RLA #6666784 Dustin@environmentdesigngroup.com

E AVIROAMEA

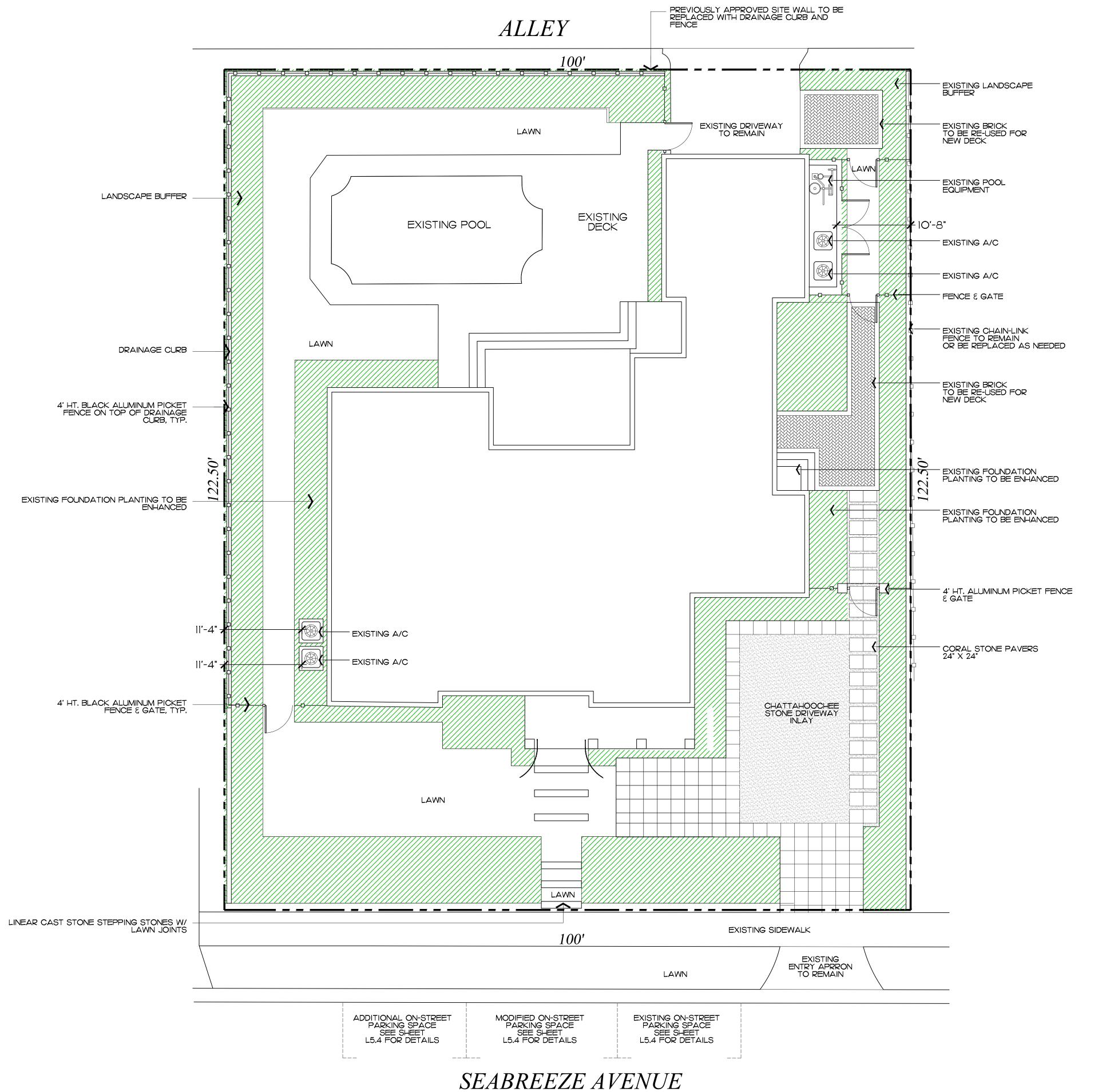
DE/IG/I ROUP 139 North County Road S#20-B Palm Beach, FI 3348

JOB NUMBER: # 22290.00 LA

DRAWN BY: "Jean Twomey

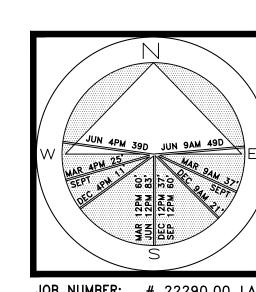
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ARC-24-006 Truck Logistics Plan



EMVIROMMEM DE/IG/I GROUP 139 North County Road S#20-B Palm Beach, Fl 33481 Phone 561.832.4600 Mobile 561.313.4424 Landscape Architecture Land Planning Landscape Management Dustin M. Mizell, MLA RLA #6666784 Dustin@environmentdesigngroup.com

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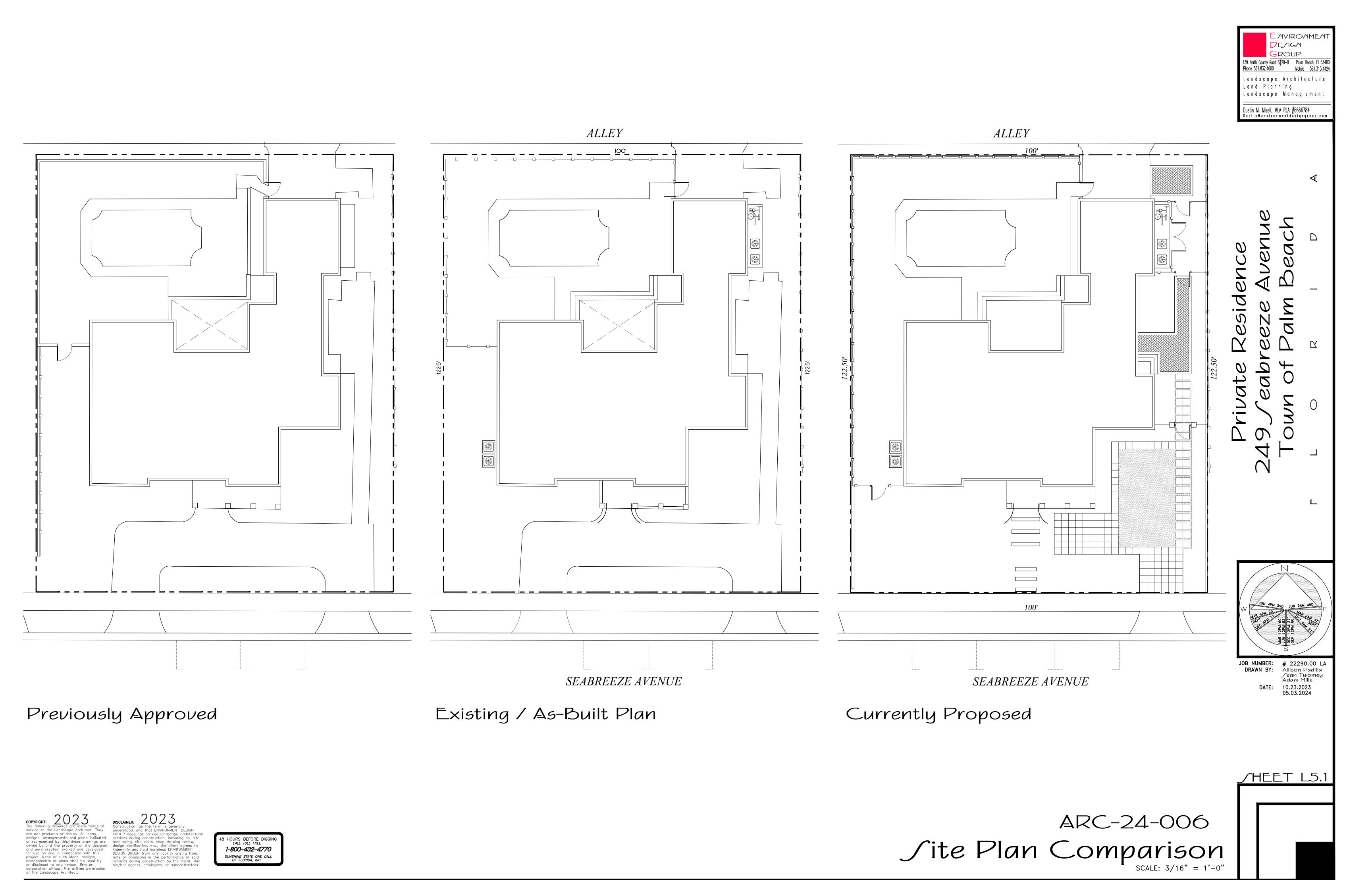


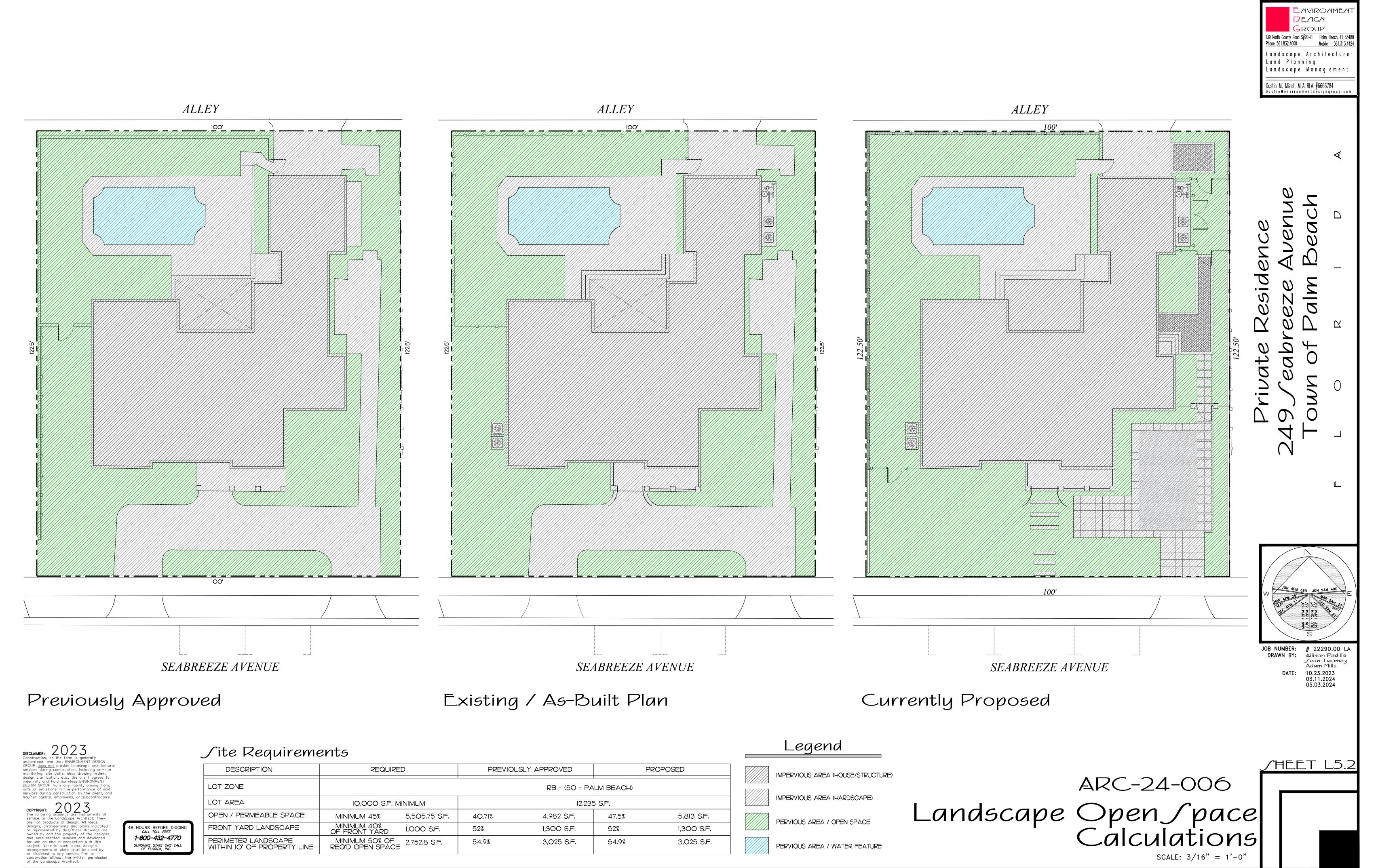
JOB NUMBER: # 22290.00 LA
DRAWN BY: Allison Padilla
Jean Twomey
Adam Mills 10.23.2023 01.04.2024 05.03.2024

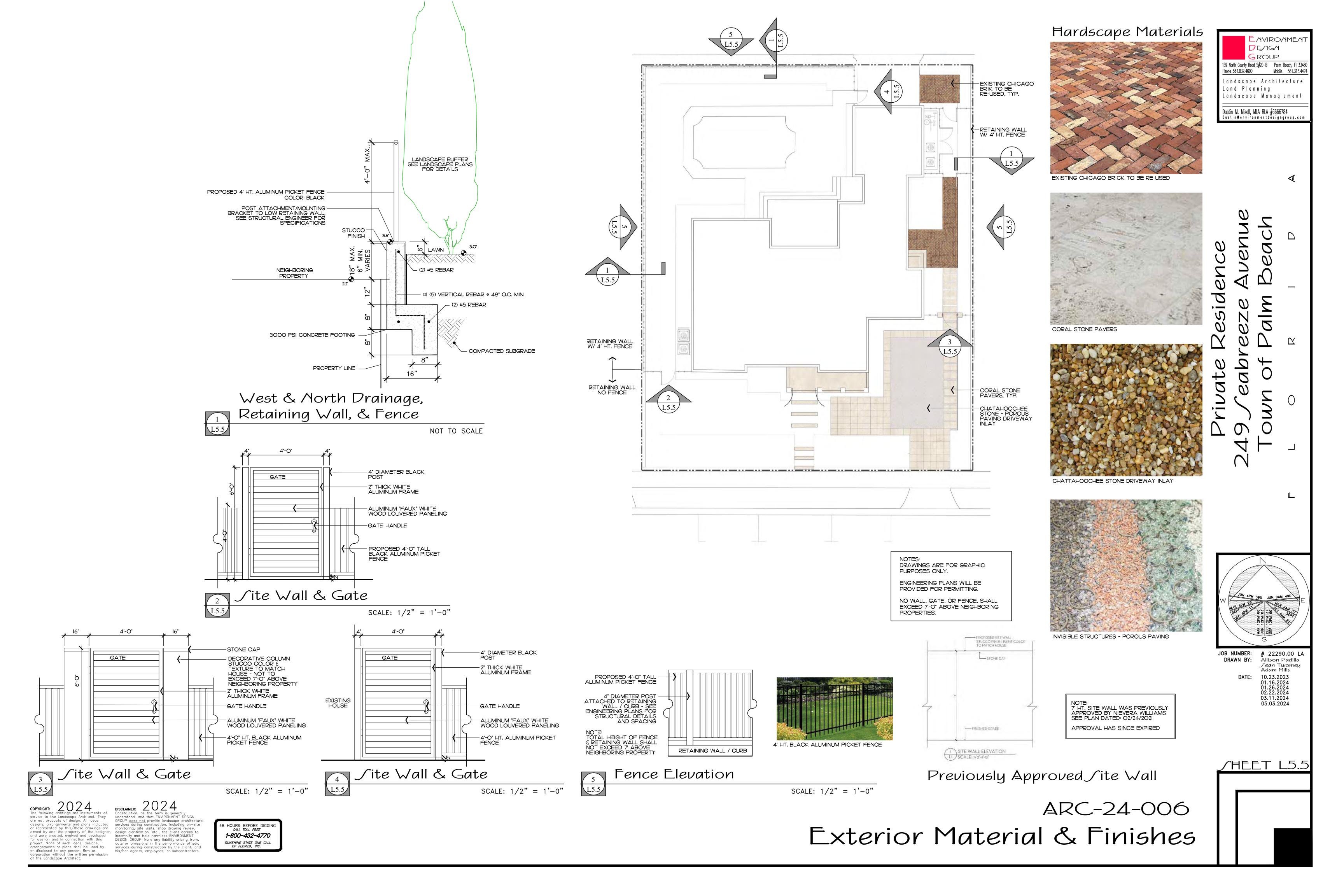
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ARC-24-006

Scale IN FEET O'

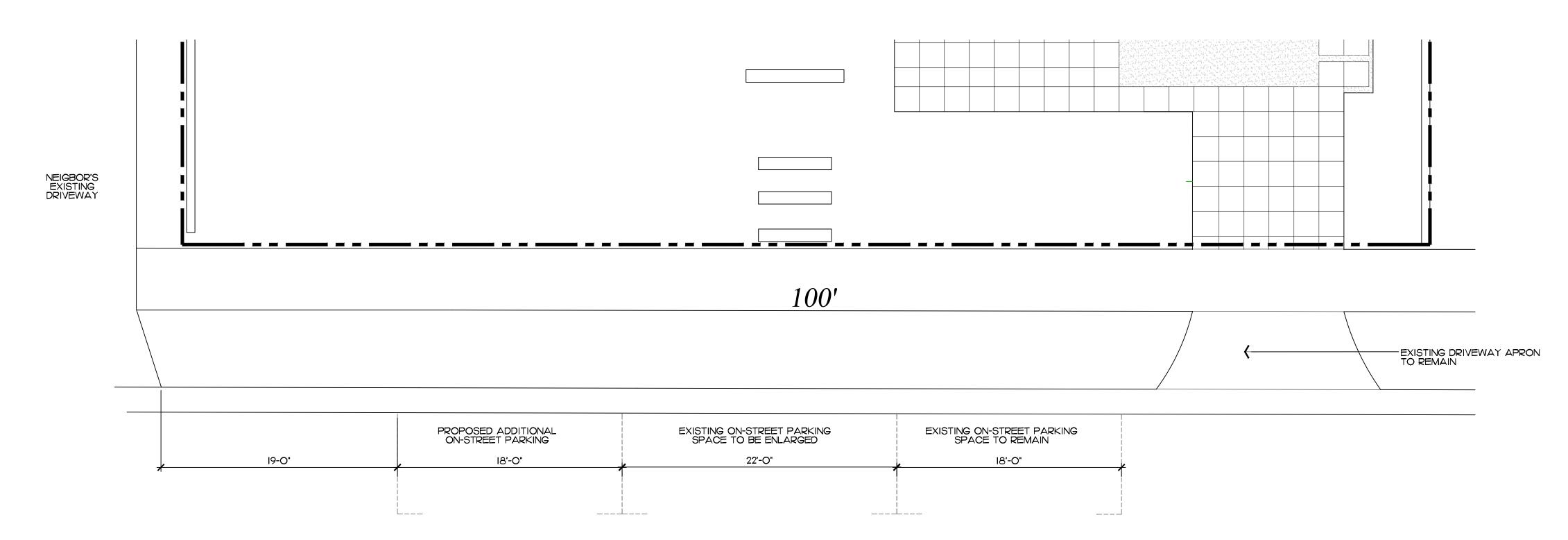






SEABREEZE AVENUE

Existing Street Parking



SEABREEZE AVENUE

Proposed Additional Street Parking

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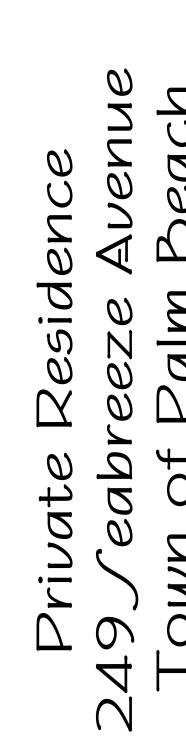
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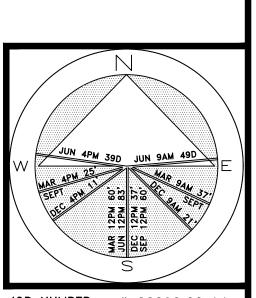
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Existing Conditions



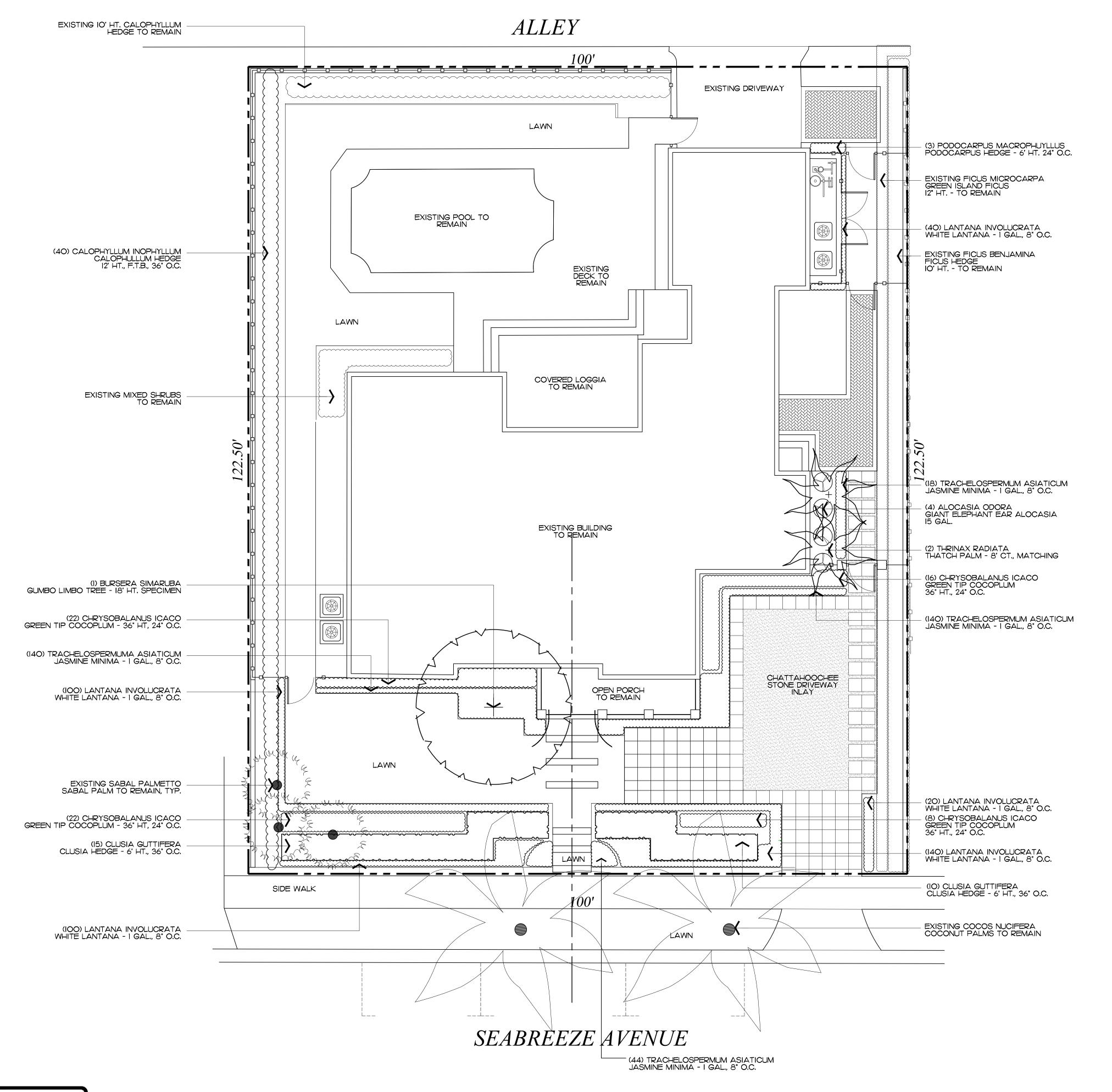


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SHEET L5.4

ARC-24-006

Proposed Additional Street Parking



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JOB NUMBER: # 22290.00 LA DRAWN BY: Allison Padilla ∫ean Twomey Adam Mills 10.23.2023 01.04.2024 02.22.2024 DATE: 03.11.2024 05.03.2024

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ARC-24-006 Landscape Plan Scale IN FEET O' 8' 16

Proposed Palms & Trees

SYMBOL	PLANT NAME	QTY.	DESCRIPTION	NATIVE
+	BURSERA SIMARUBA GUMBO LIMBO TREE	1	18' HT. SPECIMEN	YES
	THRINAX RADIATA FLORIDA THATCH PALM	2	8' CT., MATCHING	YES
	TOTAL: NATIVE:	3 3 (100%)		

Proposed Shrubs

SYMBOL	PLANT NAME	QTY.	DESCRIPTION	NATIVE
	ALOCASIA ODORA GIANT ELEPHANT EAR ALOCASIA	4	37" HT. 24" O.C.	NO
	CALOPHYLLUM INOPHYLLUM CALPHYLLUM HEDGE	40	12' HT., F.T.B., 36" O.C.	NO
	CHRYSOBALANUS ICACO GREEN TIP COCOPLUM HEDGE	56	37" HT. 24" O.C.	YES
	CLUSIA GUTTIFERA CLUSIA HEDGE	25	6' HT., 36" O.C.	NO
	PODOCARPUS MACROPHYLLUS PODOCARPUS HEDGE	3	6' HT., 24" O.C.	NO
	TOTAL: NATIVE:	128 56 (43.75%)		

Proposed Groundcover

SYMBOL	PLANT NAME	QTY.	DESCRIPTION	NATIVE
	LANTANA INVOLUCRATA WHITE LANTANA	380	I GAL., 8" O.C.	YES
	TRACHELOSPERMUM ASIATICUM JASMINE MINIMA	300	I GAL., 8" O.C.	NO
	TOTAL: NATIVE:	III 53 (47.74%)		

Existing Palms

SYMBOL	PLANT NAME	QTY.
	COCOS NUCIFERA COCONUT PALMS	2
25 20 20 20 20 20 20 20 20 20 20 20 20 20	SABAL PALMETTO SABAL PALM	3

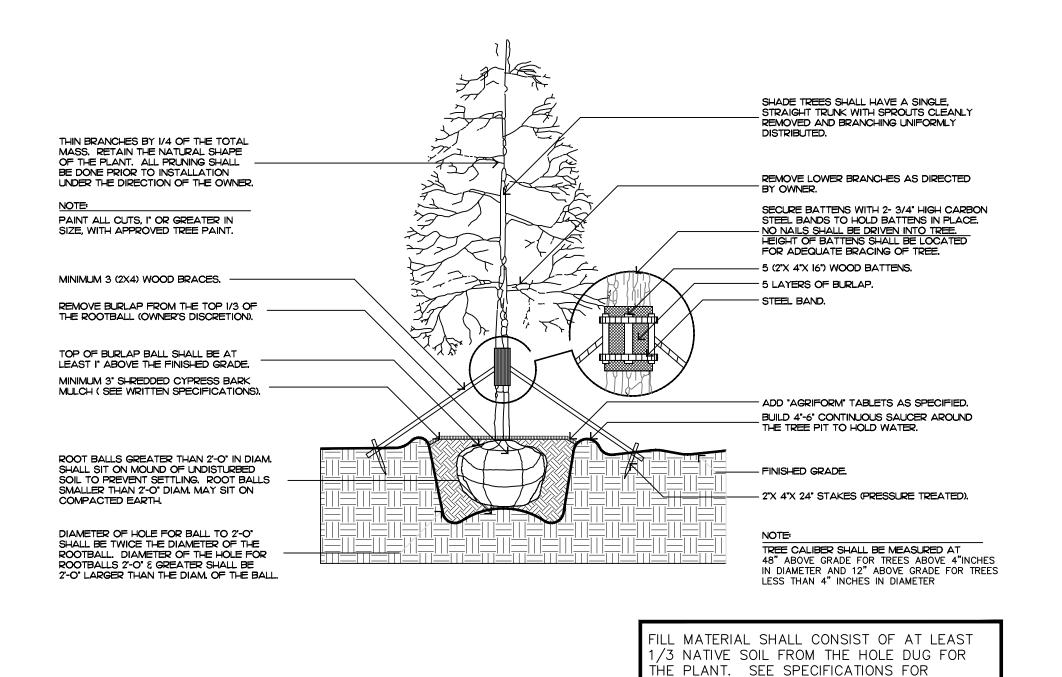
NOTE: THE SITE CURRENTLY HAS NO EXISTING TREES

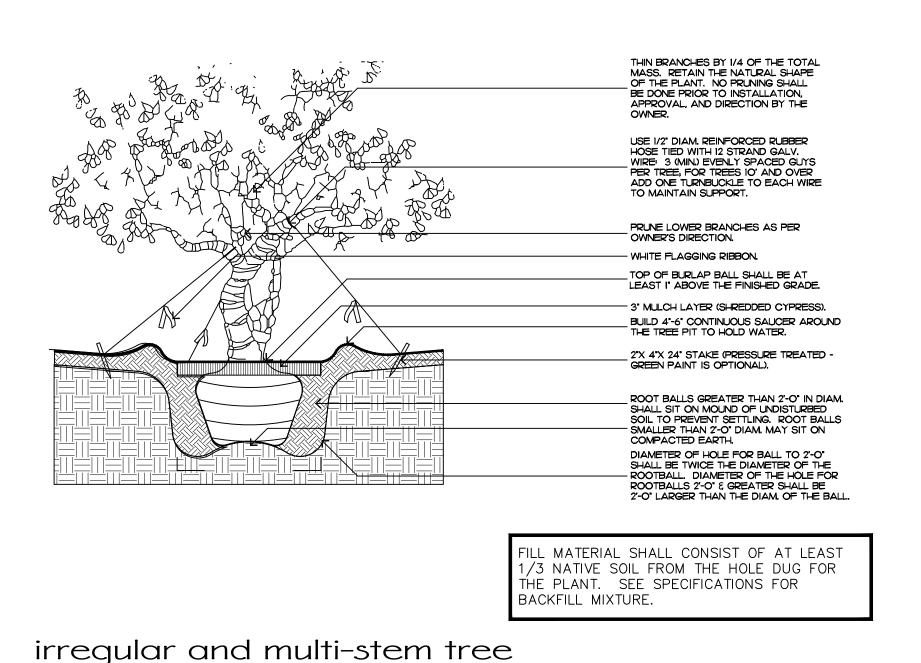
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JOB NUMBER: # 22290.00 LA
DRAWN BY: Allison Padilla
Sean Twomey 04.17.2023 03.11.2024 05.03.2024

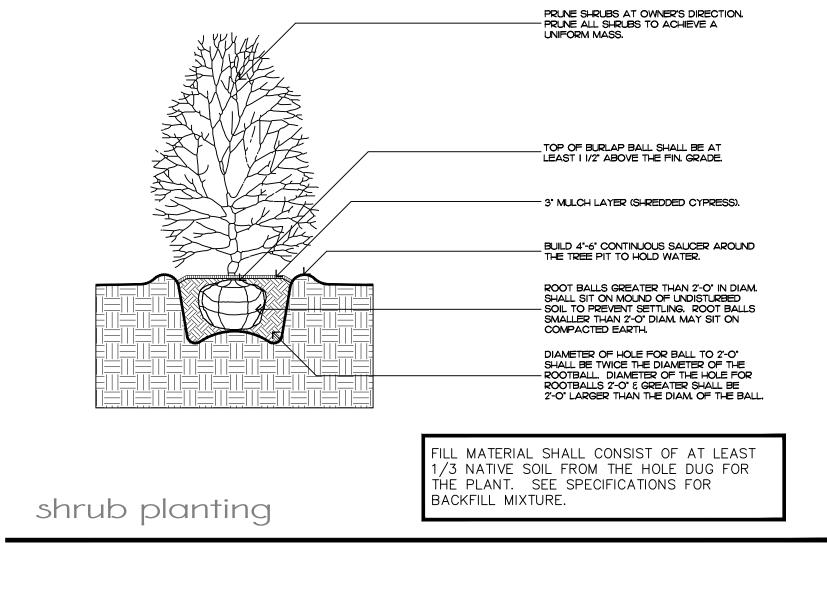
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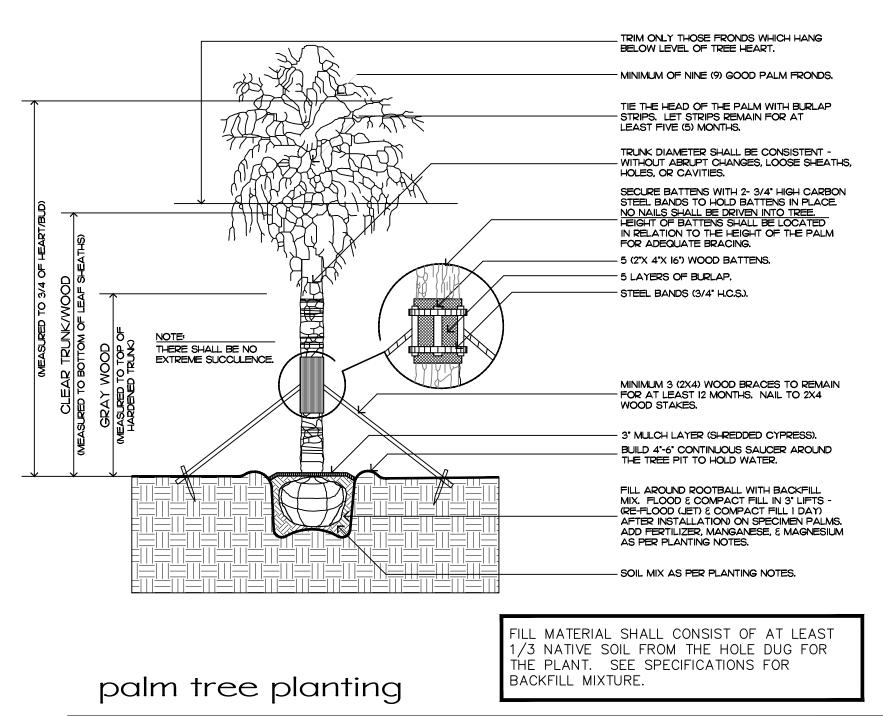
ARC-24-006 Landscape/chedule

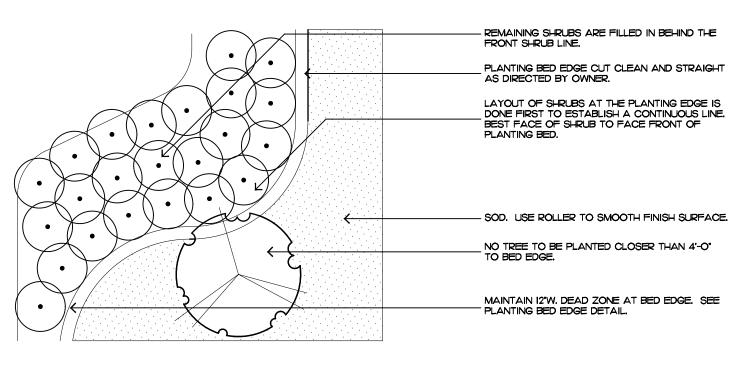




BACKFILL MIXTURE.







shrub & ground cover layout

Planting Motes

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%) 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'-O" IN HEIGHT (1/2 LB. PER 5'-O" 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 (I WITH I GAL, PLANTS, 2 WITH 3 GAL, PLANTS AND 2 TABLETS PER I" OF TREE TRUNK CALIPER). BACK FILL HALFWAY UP THE ROOT BALL. PLACE ABOUT ONE INCH (I") 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

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.

JUB/TITUTION/:

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 BEB MATERIAL UNLESS PREVIOUSLY APPROVED. INTENDED SUBSTITUTIONS SHALL BE SPELLED OUT IN BID.

MEA/UREMENT/:

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.

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.

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

> OVERALL HEIGHT (O.A.) - SHALL BE MEASURED FROM THE GROUND AT THE TIME OF INSTALLATION TO THE AVERAGE FROND HEIGHT.

PLANTING JOIL 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, LIME, LUMPS, SHELLS, PLANTS, ROOTS OR OTHER FOREIGN MATERIALS, WEEDS, OR NOXIOUS GRASSES (SUCH AS BERMUDA OR NUT GRASS). IT SHALL NOT CONTAIN TOXIC SUBSTANCES WHICH MAY BE HARMFUL TO THE PLANT GROWTH.

PALMS WITH MARRED OR BURNED TRUNKS WILL NOT BE ACCEPTED.

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 IO" - 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 I 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 ADEQUATE ROOT SYSTEMS. 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 I. PLANTS SHALL BE PRUNED PRIOR TO DELIVERY ONLY UPON THE APPROVAL OF THE OWNER.

CONTAINER GROWN / TOCK:

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

WARRANTY:

WARRANTY PLANTS, SHRUBS AND GROUNDCOVERS FOR A PERIOD OF NINETY (90) DAYS: TREES ξ PALMS FOR ONE YEAR (I) 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

ARC-24-006 Planting Details & Specifications

Mobile 561.313.4424

DE/IG/I ROUP

139 North County Road S#20-B Palm Beach, FI 3348

Landscape Architecture

Landscape Management

Dustin@environmentdesigngroup.com

Dustin M. Mizell, MLA RLA #6666784

Phone 561.832.4600

Land Planning

JOB NUMBER: # 22290.00 LA

DRAWN BY: Dustin Mizell 12.18.2023 05.03.2024 DATE:

/HEET L6.2

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tree planting

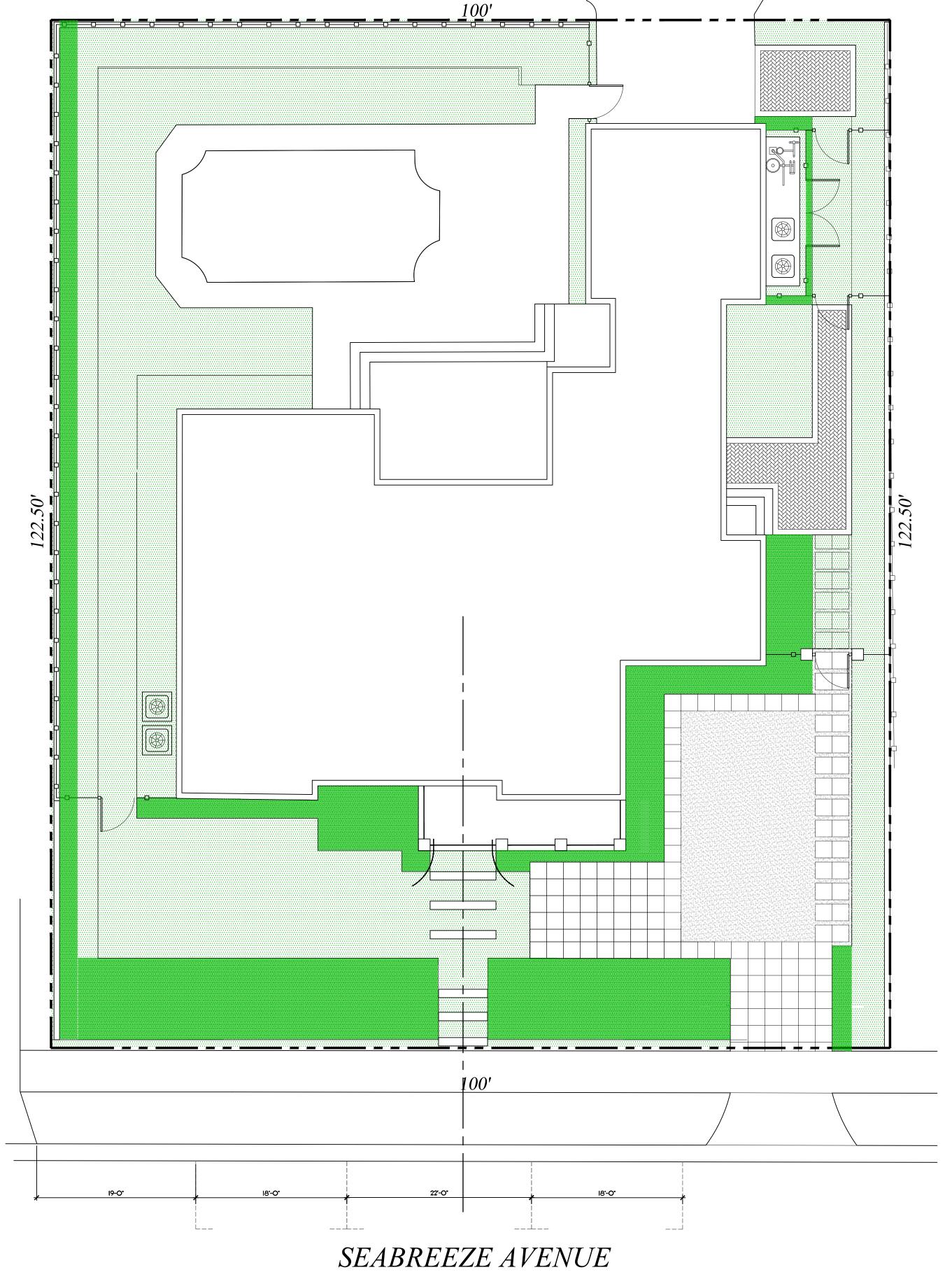
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ALLEY

Landscape Alteration Calculations TOTAL LANDSCAPE OPEN SPACE 5,803 S.F.

EXISTING SITE LANDSCAPING TO BE ALTERED 1,342 S.F. (23.12%)

NOTE: NO BUILDING, STRUCTURE, HARDSCAPE OR ARCHITECTURAL MODIFICATIONS ARE BEING DEMOLISHED OR MODIFIED. ONLY PROPOSED CHANGES ARE TO THE LANDSCAPE BUFFER

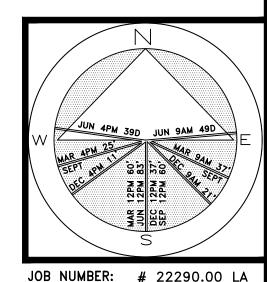


DE/IG/I ROUP

Landscape Architecture Land Planning

Landscape Management

Dustin M. Mizell, MLA RLA #6666784 Dustin@environmentdesigngroup.com



JOB NUMBER: # 22290.00 LA
DRAWN BY: Allison Padilla
Jean Twomey
Adam Mills 12.18.2023 03.11.2024

SHEET L6.3

ARC-24-006 Landscape Alteration Diagram - 8'

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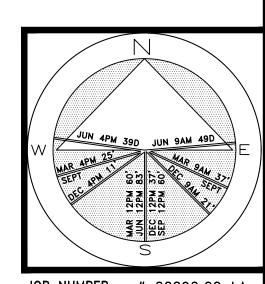
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Phone 561.832.4600 Mobile 561.313.4424 Landscape Architecture Land Planning Landscape Management Dustin M. Mizell, MLA RLA #6666784 Dustin@environmentdesigngroup.com



JOB NUMBER: # 22290.00 LA
DRAWN BY: Allison Padilla
DATE: 10.23.2023
03.11.2024
05.03.2024

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ARC-24-006 Rendered Landscape Plan

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Previously Approved

NIEVERA WILLIAMS DESIGN - DATED 02.24.2021



DE/IGN GROUP

139 North County Road S#20-B Palm Beach, FI 33480 Phone 561.832.4600 Mobile 561.313.4424

Landscape Architecture Land Planning Landscape Management

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ARC-24-006

Front Elevation Landscape Rendering

