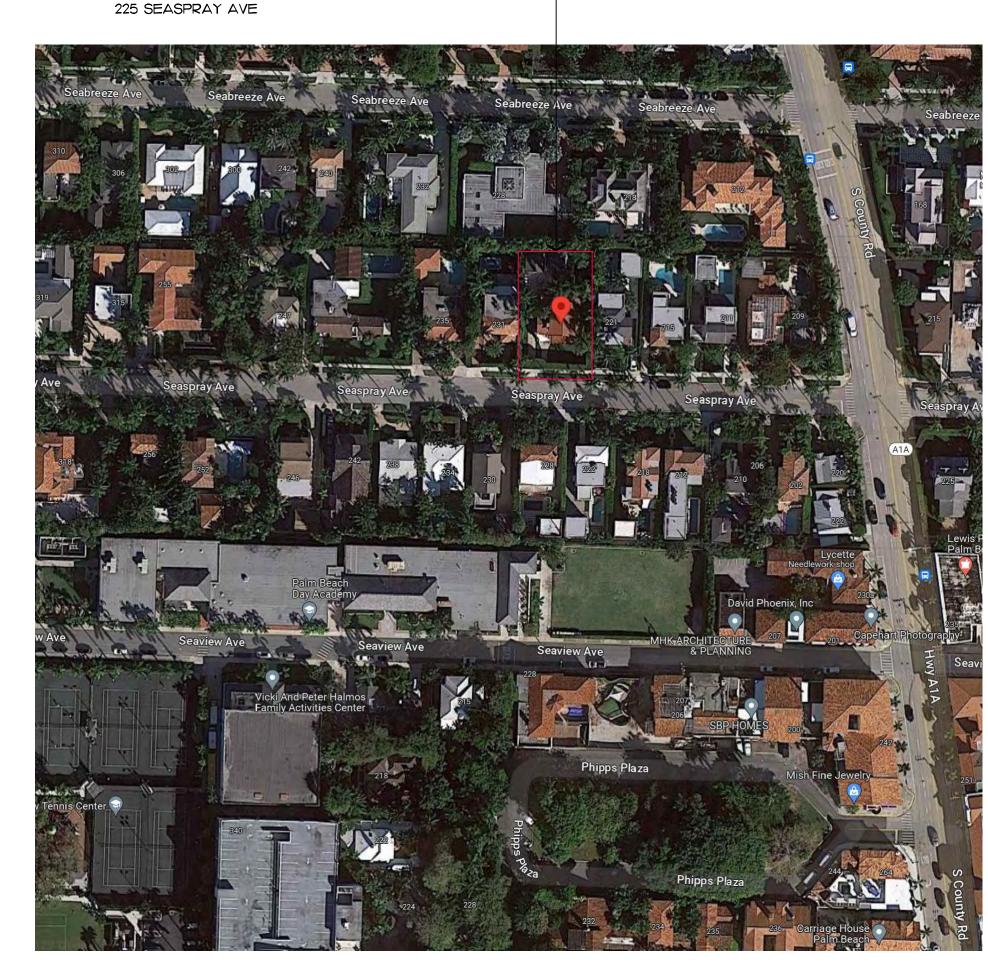


Scope of Work

- * New Driveway and garage court hardscape
- * Proposed 10' \times 20' pool with new pool terrace
 - * Proposed pool equipment
 - * Proposed garbage enclosure
 - * Proposed new landscaping
 - * Change in site data

SUBJECT PROPERTY

OOF CEACDDAY AN



Vicinity Map

Private Residence 225 Jeaspray Avenue Palm Beach

E L O R I D A

Application #: COA# 24-017
Presentation Jubmittal
Date of Presentation: 05.22.24

∫heet Index

Cover Sheet
Survey

- L1.0 Existing General Site Photos
- L1.1 Existing General Site Photos
- L2.0 Existing Vegetation Inventory
 - L3.0 Demolition Plan
- L4.0 Construction Screening Plan
- L5.0 Construction Staging Plan
 - L6.0 Truck Logistics Plan
 - L7.0 Site Plan
- L7.1 Site Calculation/Lot Coverage Graphics
 - L7.2 Site Plan Details
 - L8.0 Landscape Plan
 - L8.1 Rendered Landscape Plan
 - L8.2 Plant Schedule
 - L8.3 Planting Details & Specifications
 - L9.0 Landscape Lighting Plan
 - C-1 Civil Engineering Plan

FINAL PLAN SET LPC JUNE 21, 2024

Design Team/Consultants

Landscape Architects

ENVIRONMENT DESIGN GROUP

139 NORTH COUNTY ROAD SUITE 20B

PALM BEACH, FL 33480

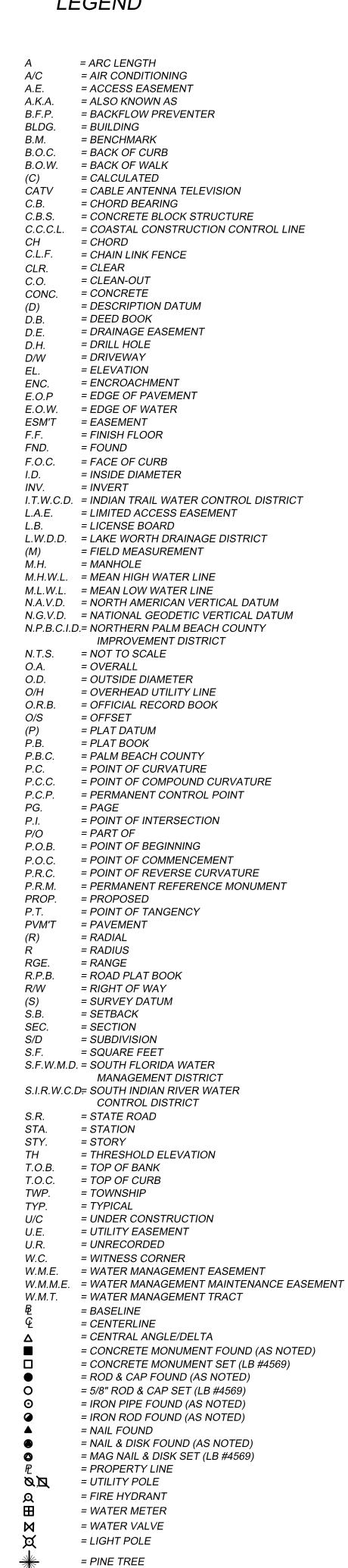
561.832.4600

WWW.ENVIRONMENTDESIGNGROUP.COM

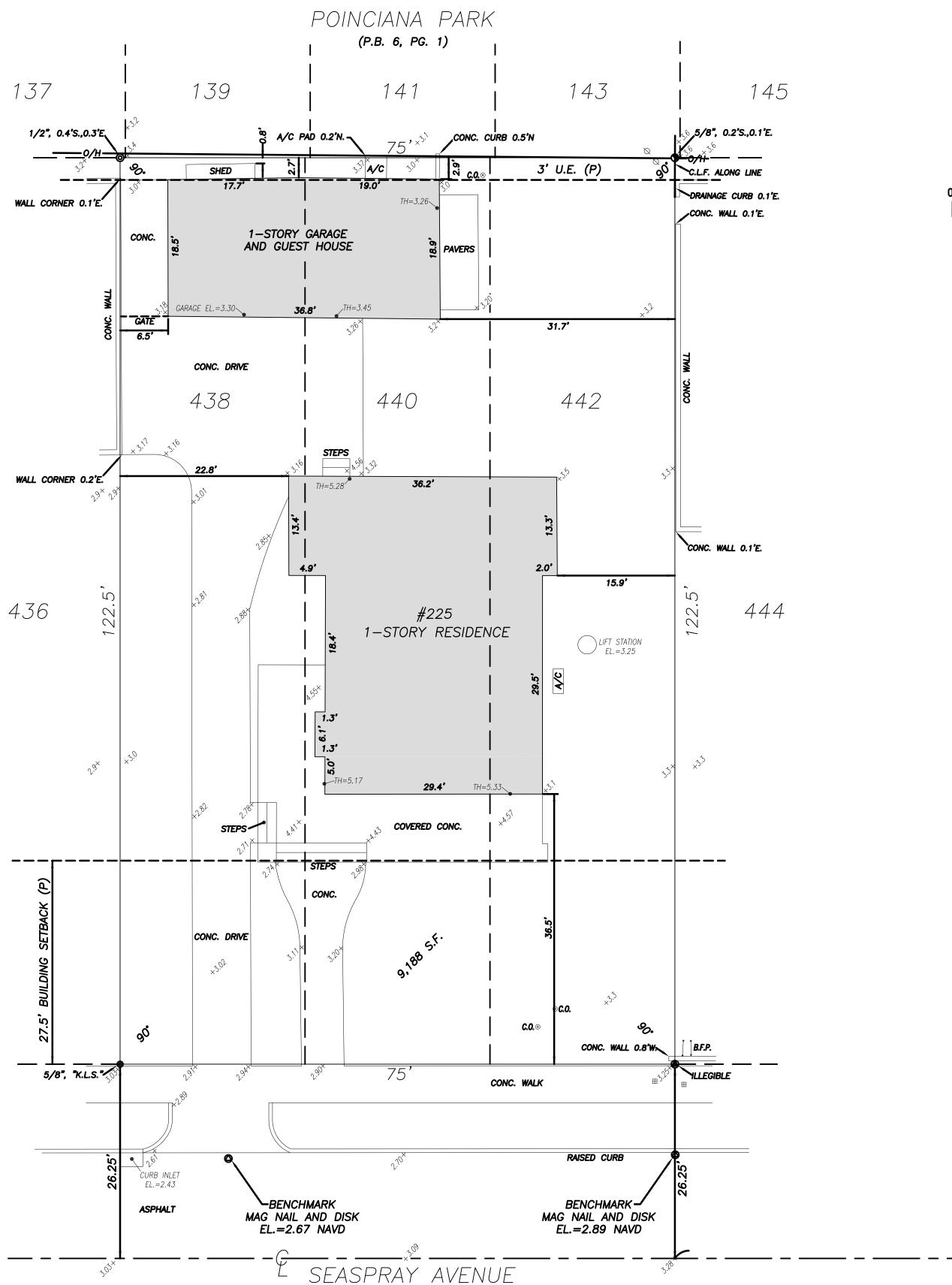
Civil Engineer

GRUBER CONSULTING ENGINEERS
2475 MERCER AVE
WEST PALM BEACH, FL 33401
561.312.2041

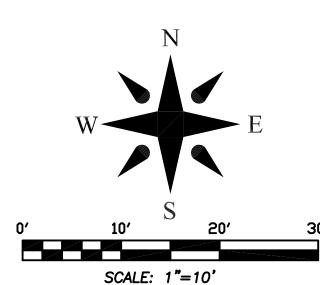
LEGEND



= SABAL PALM







VICINITY SKETCH N.T.S.

- 1. No title policy or commitment affecting title or boundary to the subject property has been provided. It is possible there are deeds and easements, recorded or unrecorded, which could affect
- 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. 3. Description furnished by client or client's agent.

(PUBLIC)

- 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 not valid.
- 5. This survey cannot be transferred or assigned without the specific written permission of Wallace Surveying Corporation. Certificate of Authorization Number LB4569.
- 6. 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 surveyor in his field work, office work or research.
- 8. No responsibility is assumed by this surveyor for the construction of improvements, from building ties shown on this survey.
- 9. 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 survey stated herein.
- 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 positions.
- 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'.

this survey and boundaries. This office has made no search of the Public Records.

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: 2/22/2023

Craig L. Wallace Professional Surveyor and Mapper Florida Certificate No. 3357

02/22/23 SURVEY AND TIE-IN UPDATE WITH SPOT ELEVATIONS B.M./M.B. 15-1640.2 PB346/14

BOUNDARY SURVEY FOR:

BRUCE SCHNITZER AND ALEXANDRA CHAMPALIMAUD



C'K'D C.W.

REF: 15-1640.DWG | SHEET 1 | DF 1

5553 VILLAGE BOULEVARD, WEST PALM BEACH, FLORIDA 33407 * (561) 640-4551 JUB NO. 15-1640.1 F.B. PB290 PG. 42 OFFICE M.B. 3/12/20 DWG. ND. 15-1640



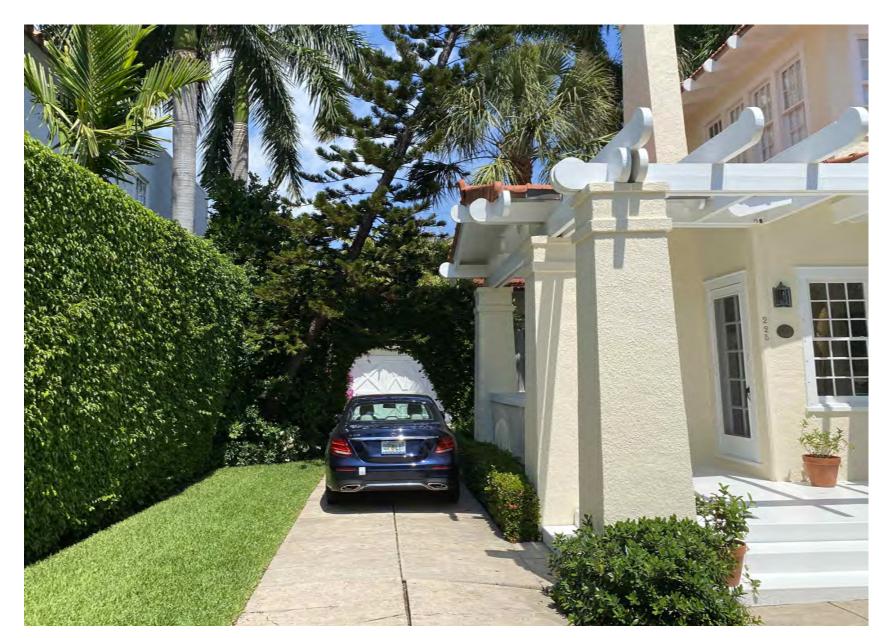
(A) Existing∫treetscape



(B) Existing∫treetscape



(C) Existing Front Facade



(D) Existing West Buffer



(E) Existing East Buffer



(F) Existing Front Facade

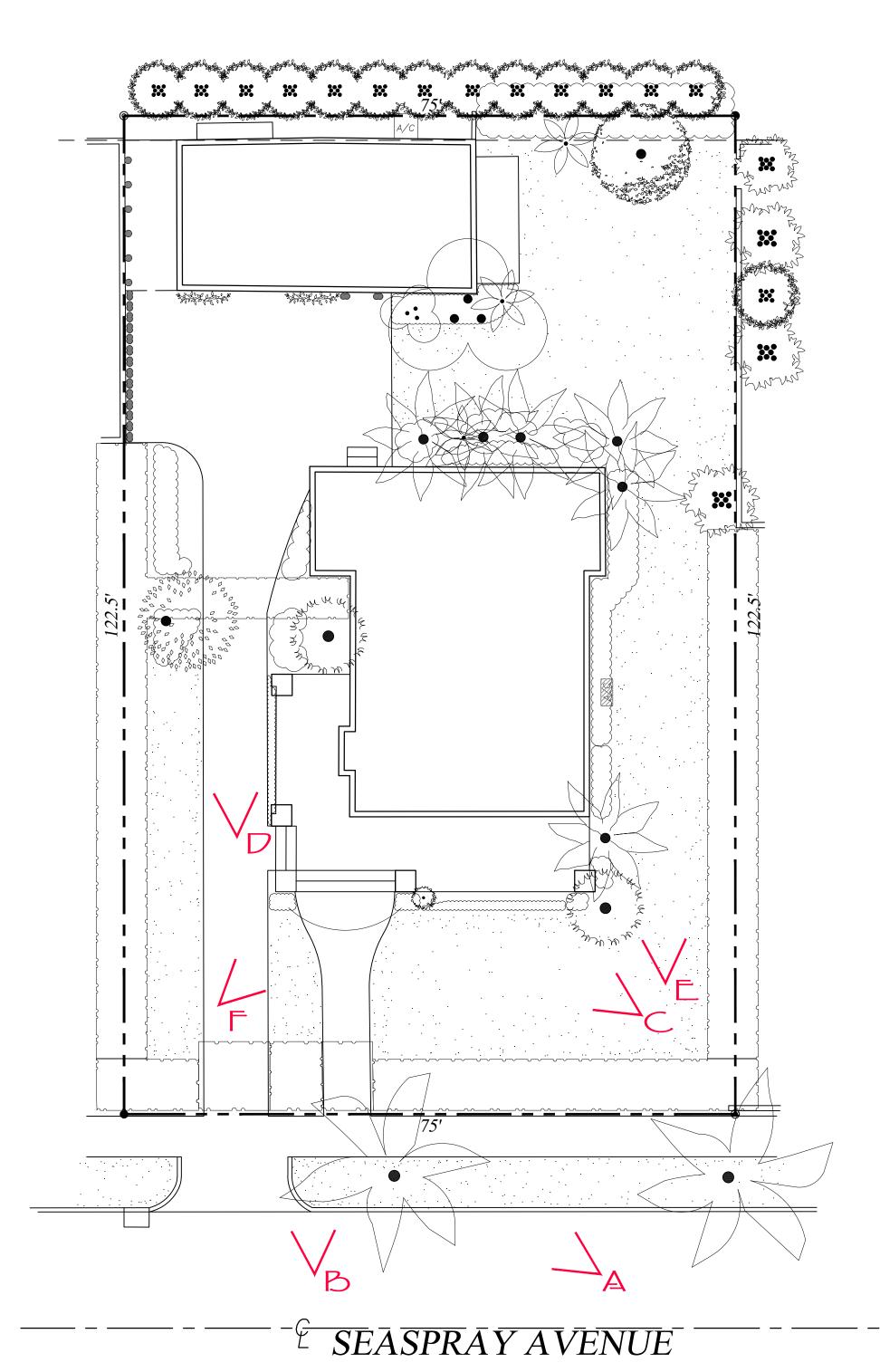
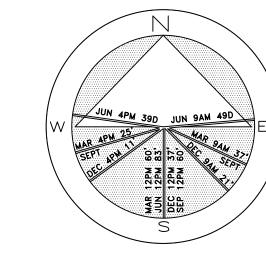


Image Location Plan

SCALE IN FEET: 3/32"=1'-0"



DE/IG/I ROUP 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

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DRAWN BY: Adam Mills
Lauren Freeman

DATE: 03.14.2024
04.29.2024
05.10.2024

✓HEET L1.0

COA# 24-017 Existing Site Photos



(G) Existing Garage Court



(H) Existing Guest House/Garage Front Facade



(I) Existing Guest House/Garage East Facade



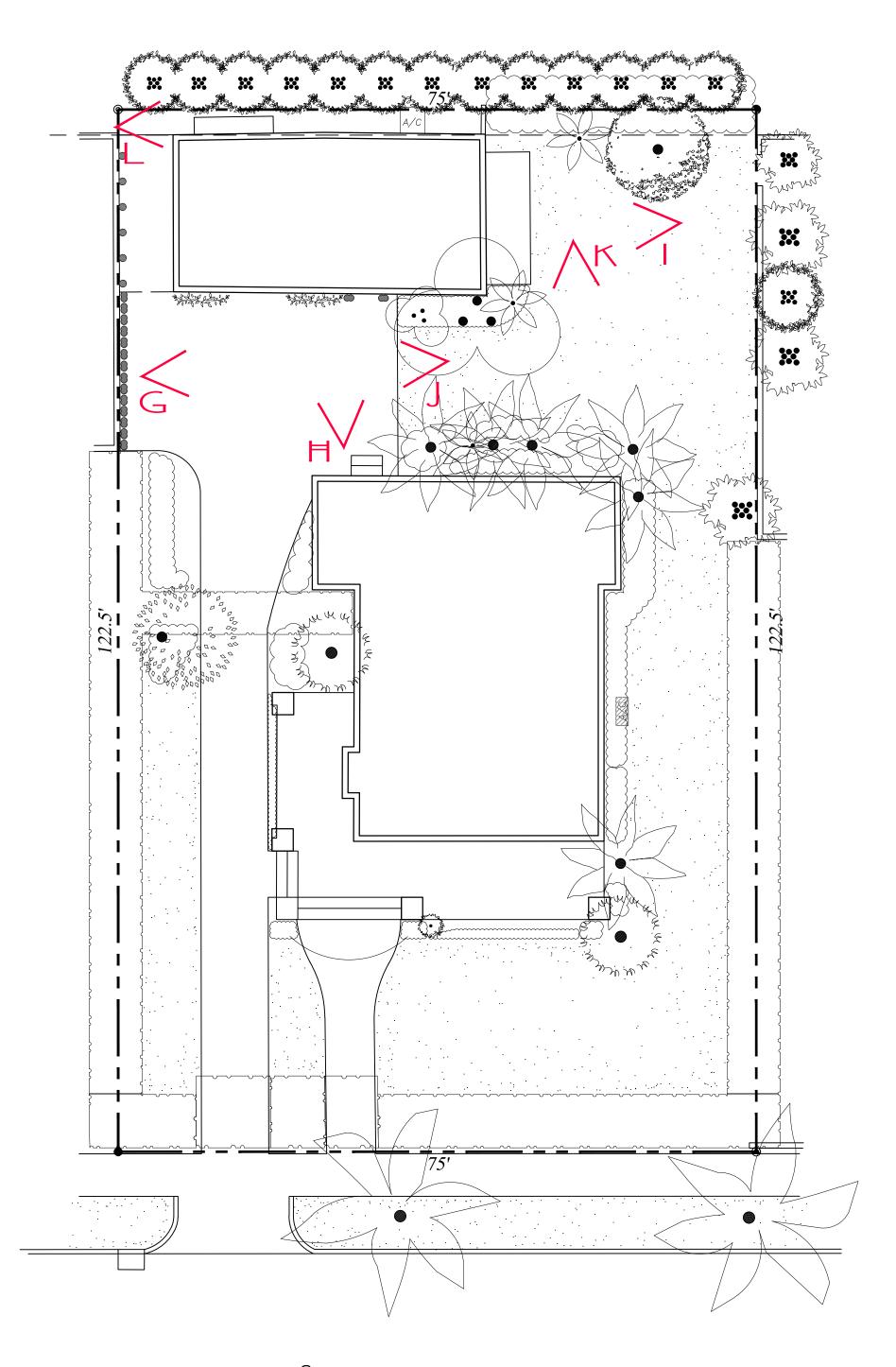
(J) Existing Guest House/Garage Front Facade



(K) Existing∫outh Facade



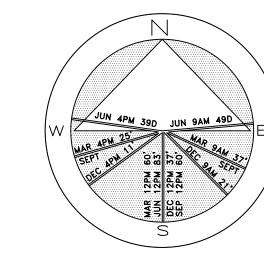
(L) Existing West Facade



 $\neg ^{c}$ $\overline{SEASPRAYAVENUE}$

Image Location Plan

SCALE IN FEET: 3/32"=1'-0"



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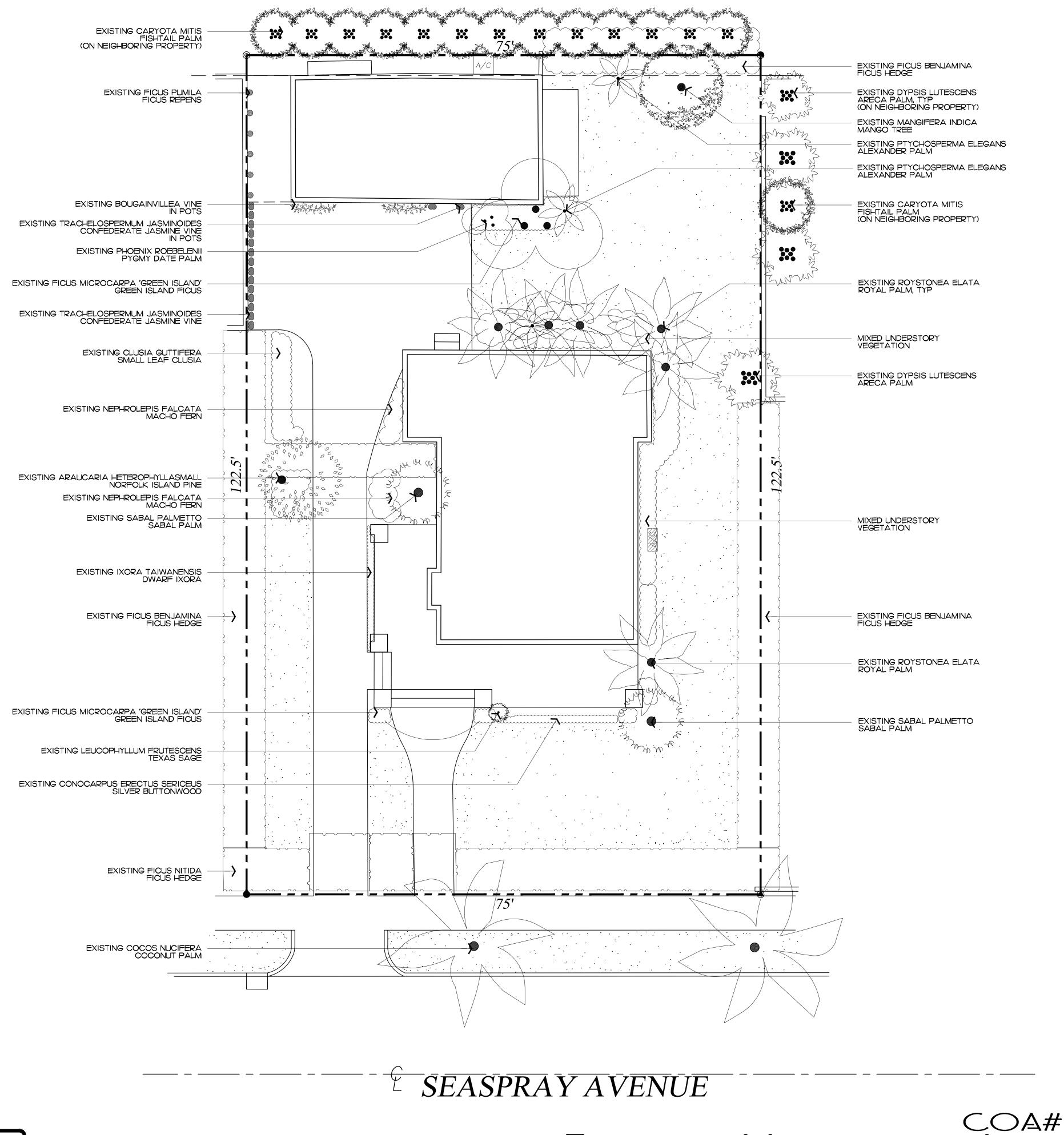
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Lauren Freeman

DATE: 03.14.2024
04.29.2024
05.10.2024

/HEET L1.1

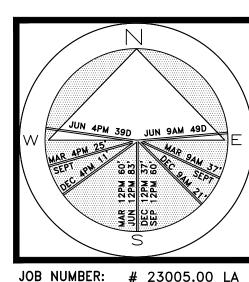
COA# 24-017 Existing Site Photos



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DRAWN BY: Adam Mills
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04.29.2024
05.10.2024

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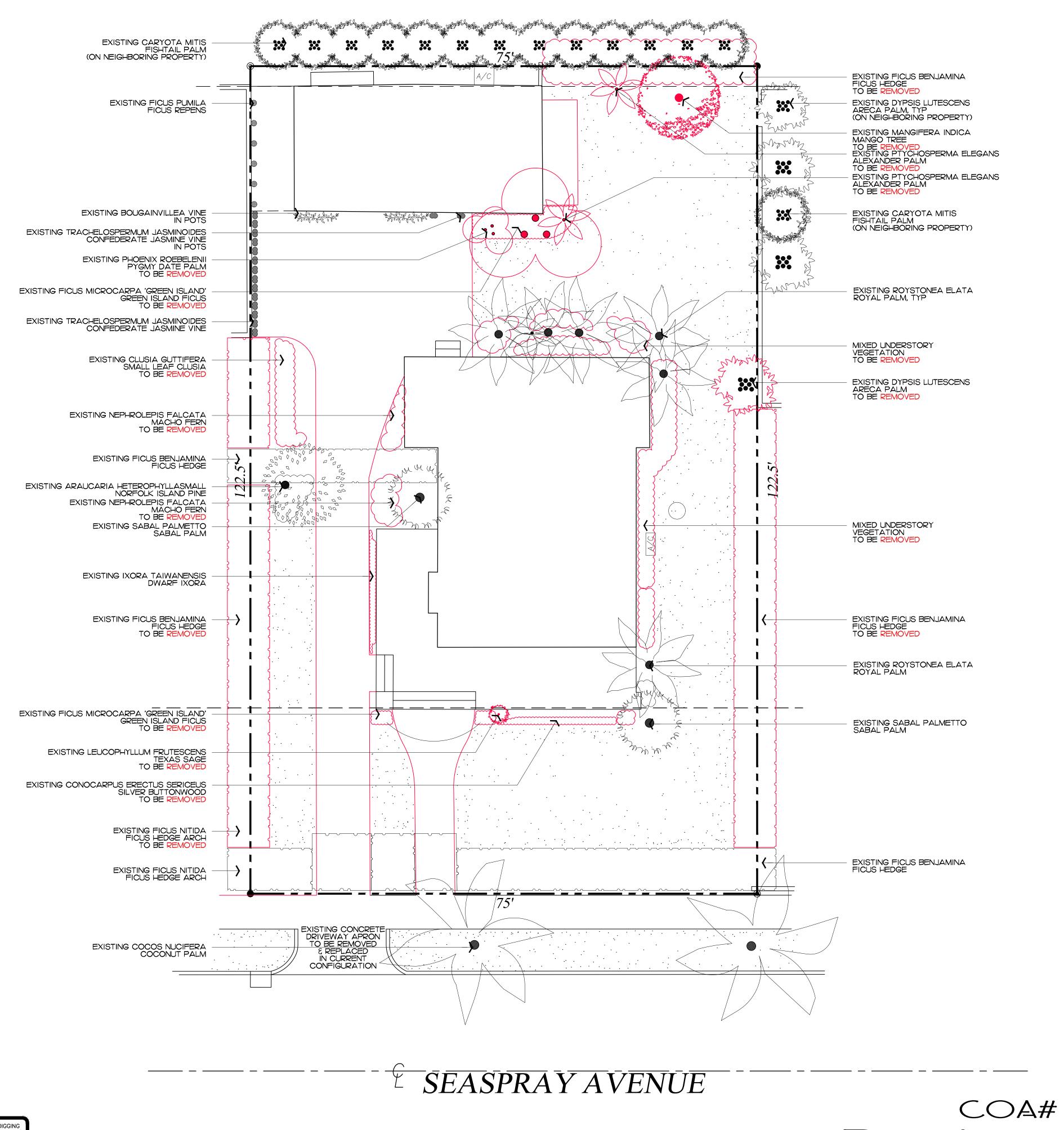
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COA# 24-017 Existing Vegetation Inventory SCALE IN FEET O'



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DATE: 03.14.2024
04.29.2024
05.10.2024

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COA# 24-017

Demolition Plan

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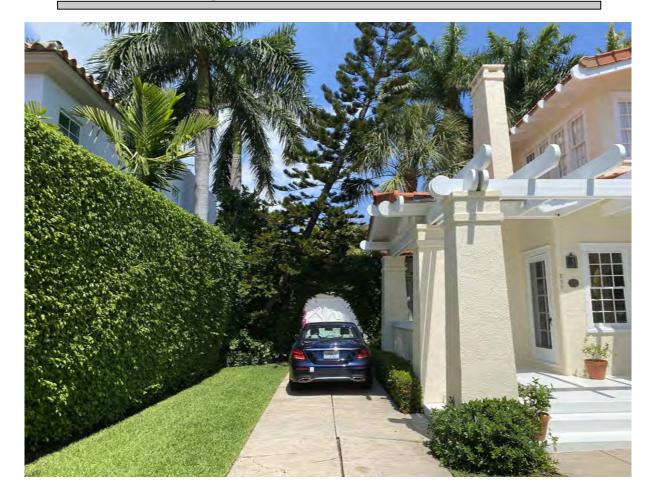
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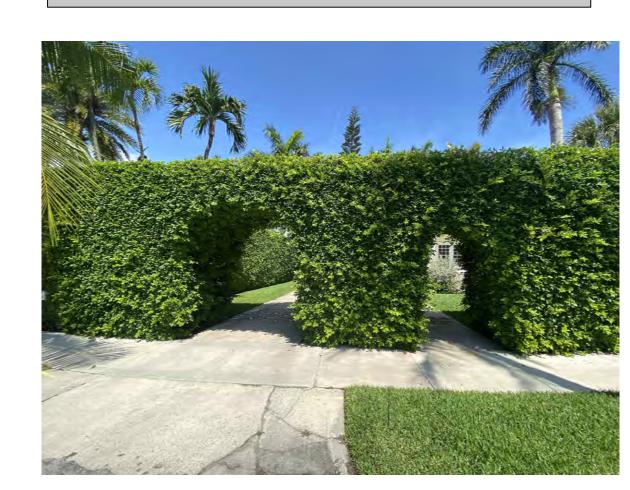
INTERIOR TREES AND PALMS WILL BE REMOVED WHEN NECESSARY FOR SITE UTILIZATION AND CONSTRUCTION DEVELOPMENT. A CONSTRUCTION SCREEN WILL BE ADDED IN THESE AREAS UNTIL SITE WALLS, NEW FENCING, OR NEW LANDSCAPING IS INSTALLED. AT NO TIME SHALL THE SITE BE OPEN TO ADJACENT PROPERTIES WITHOUT ANY PERMANENT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



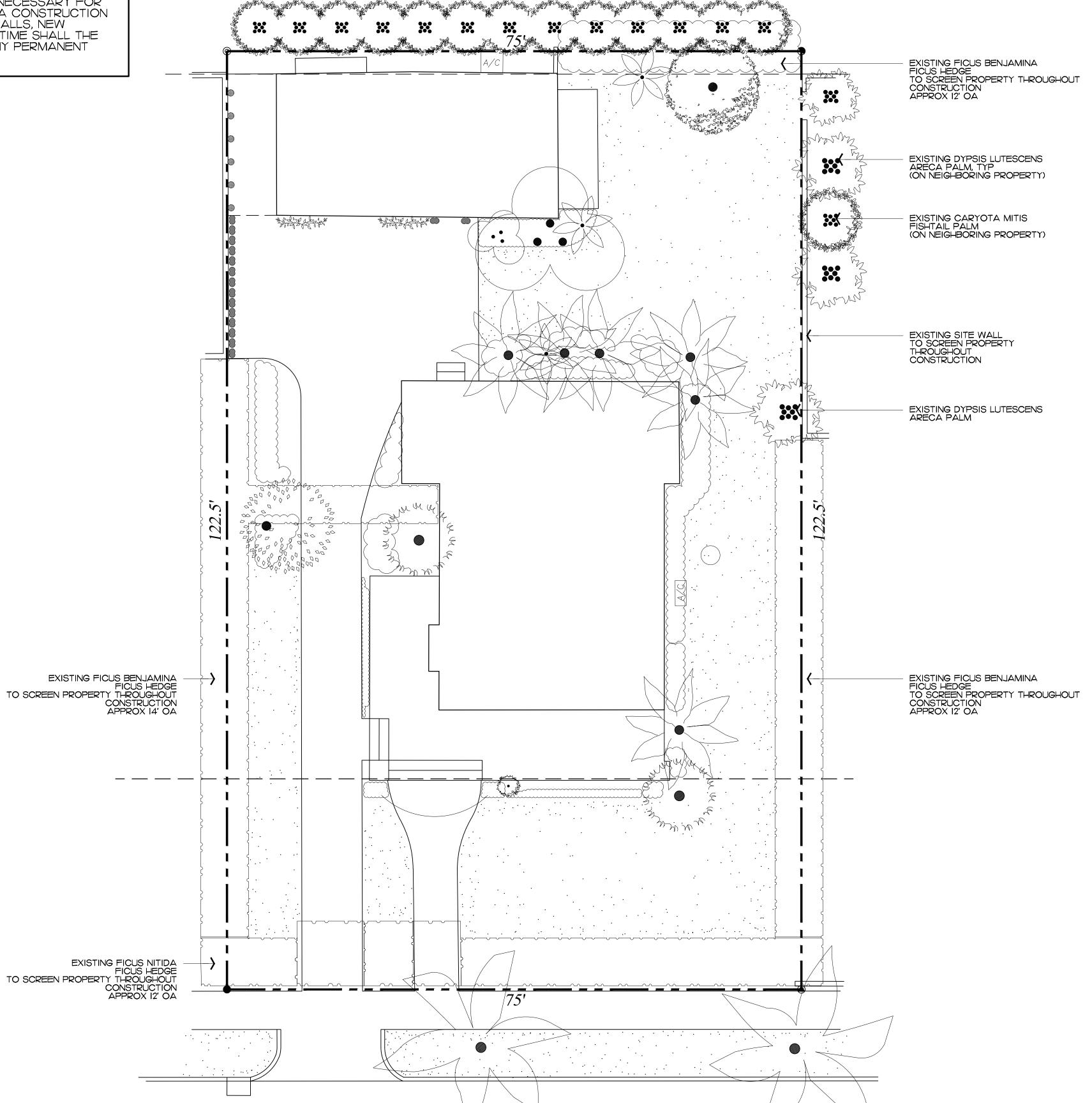
Existing Morthwest Buffer



Existing West Buffer



Existing South Buffer

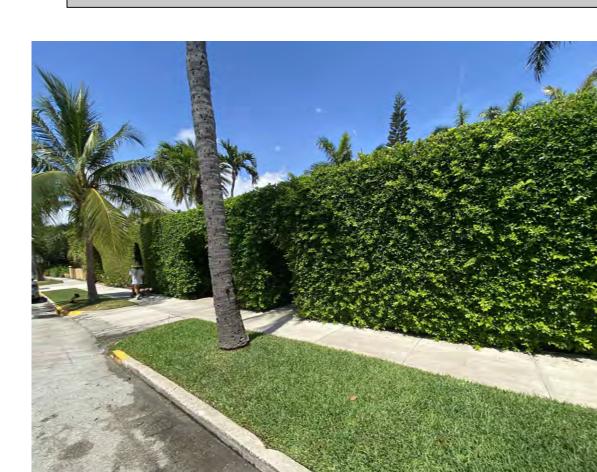


** SEASPRAY AVENUE

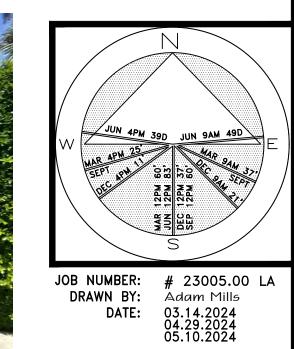
Existing Mortheast Buffer



Existing East Buffer



Existing South Buffer



ate

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Landscape Architecture

Landscape Management

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

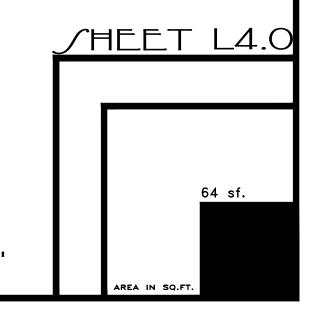
Land Planning

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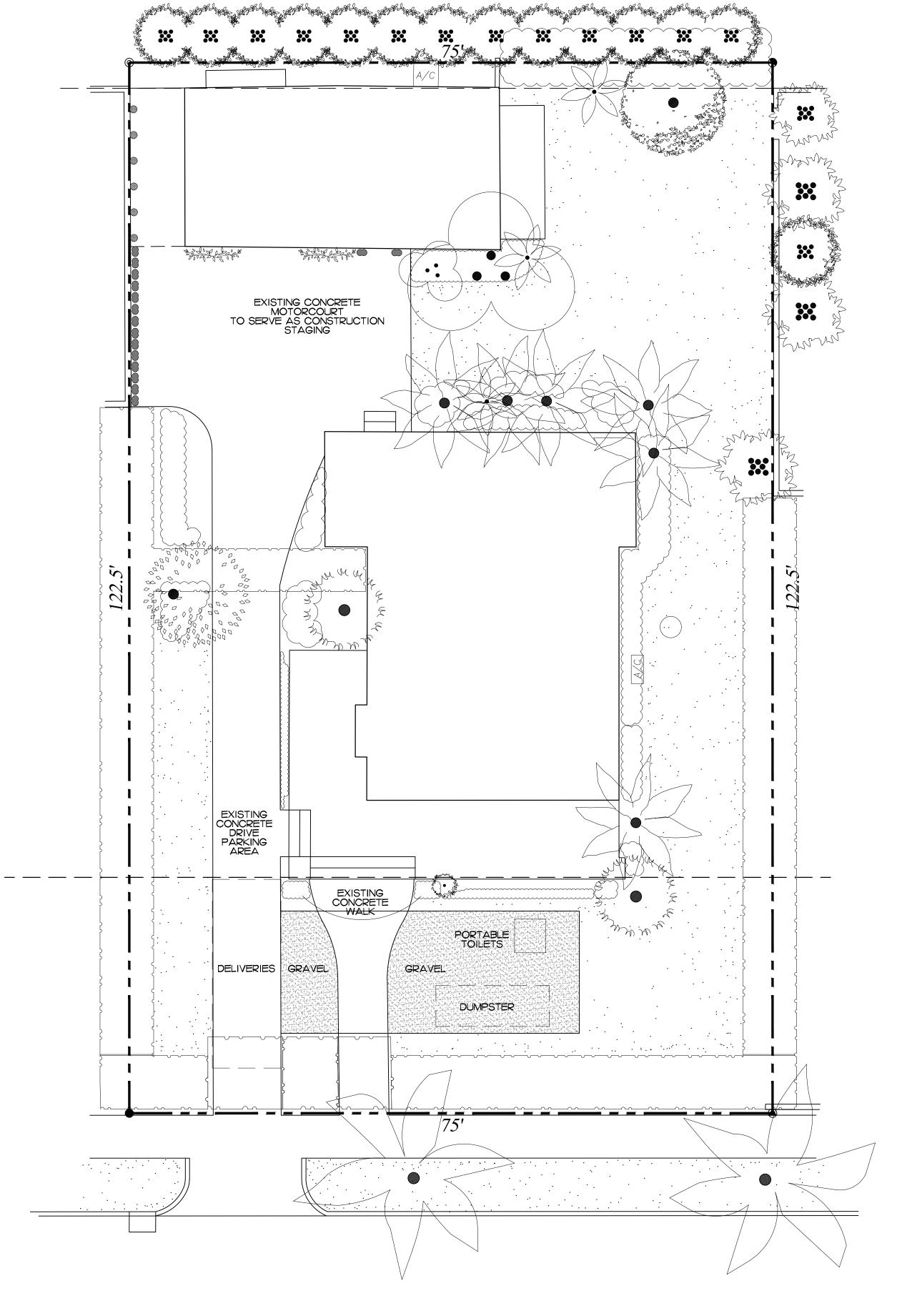
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COA# 24-017 Construction Screening Plan Scale IN FEET O'



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SCREEN WILL BE ADDED IN THESE AREAS UNTIL SITE WALLS, NEW
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OR TEMPORARY SCREENING DURING CONSTRUCTION.

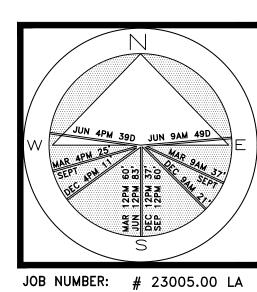


** SEASPRAY AVENUE

COA# 24-017
Construction Staging Plan
Scale IN FEET O'

E AVIROAMEAT DE/IG/I ROUP 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

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04.29.2024
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PALM BEACH INLET DEBRULAL

DEBRUL DOLPHIN RD. SEAGATE RD. ANGLER AVE. OSCEOLA WAY MERRAIN RD. KENLYN RD. PALMO WAY MOCKINGBIRD TR. NIGHTINGALE TR. LA PUERTA WAY QUEENS LN. COLONIAL LN. ORANGE GROVE RD. LAURIAN LN. GARDEN RD. ADAM RD. SANDPIPER DR. PALM BEACH COUNTRY CLUB COUNTRY CLUB DR. RIDGEVIEW DR. SOUTHLAND RD. N. WOODS s. woods COSTA WY VIA TORTUGA _____VIA LAS BRISAS CORAL LN. WELLS RD. EVERGLADES AVE. OLEANDER AVE. ROYAL POINCIANA WAY Site Address: 225 Seaspray Ave Palm Beach, FL 33480 AUSTRALIAN AVE.

CONSTRUCTION SCHEDULE MAY 22, 2024 - LANDMARKS - SUBMIT FOR PERMIT JUNE-JULY 2024 • 1 MONTH -AUGUST 2024 - MOBILIZATION & DEMOLITION OF EXISTING STRUCTURES - LANDSCAPE & HARDSCAPE • 5 MONTHS INSTALLATION 2 MONTHS - FINAL INSPECTIONS - PROPOSED TOTAL CONSTRUCTION +/-8 MONTHS FOLLOWING BUILDING PERMIT

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

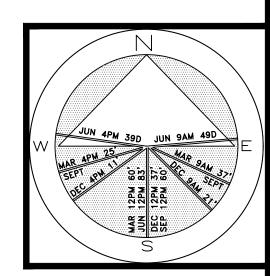
PROPOSED EGRESS TRUCK ROUTE

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JOB NUMBER: # 23005.00 L DRAWN BY: Adam Mills DATE:

/HEET L6.0

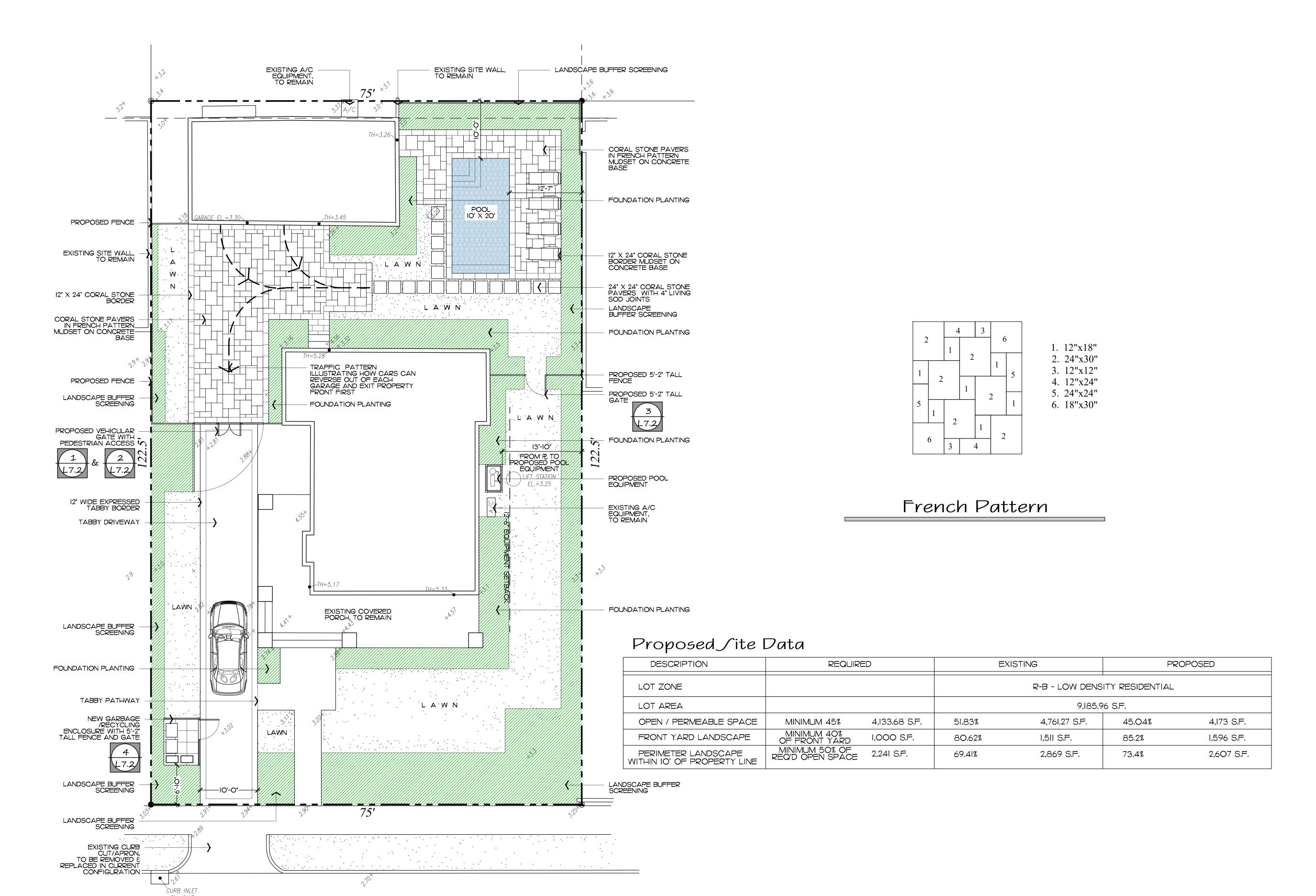
COA# 24-017
Truck Logistics Plan
SCALE: NOT TO SCALE

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SEASPRAY AVENUE

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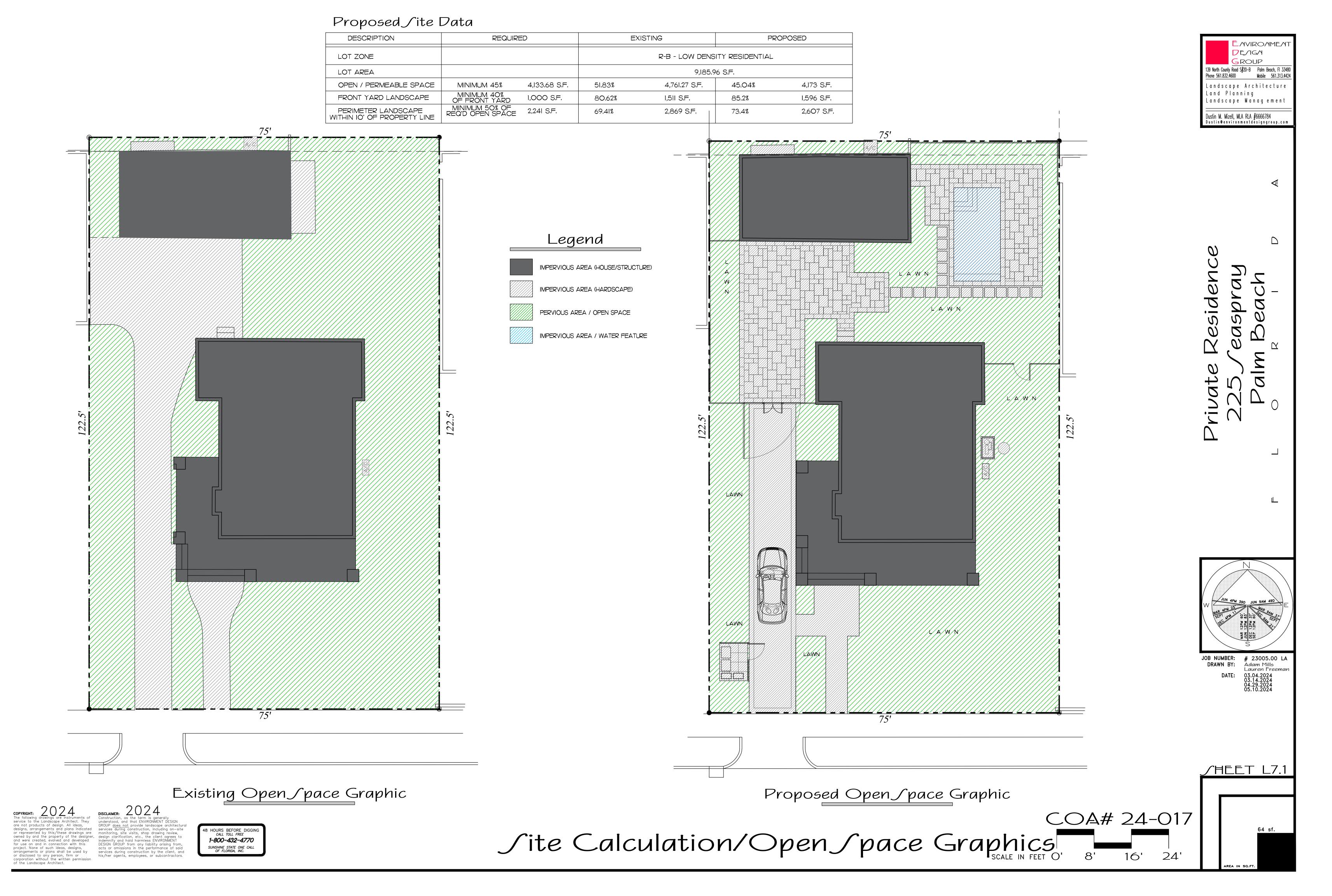
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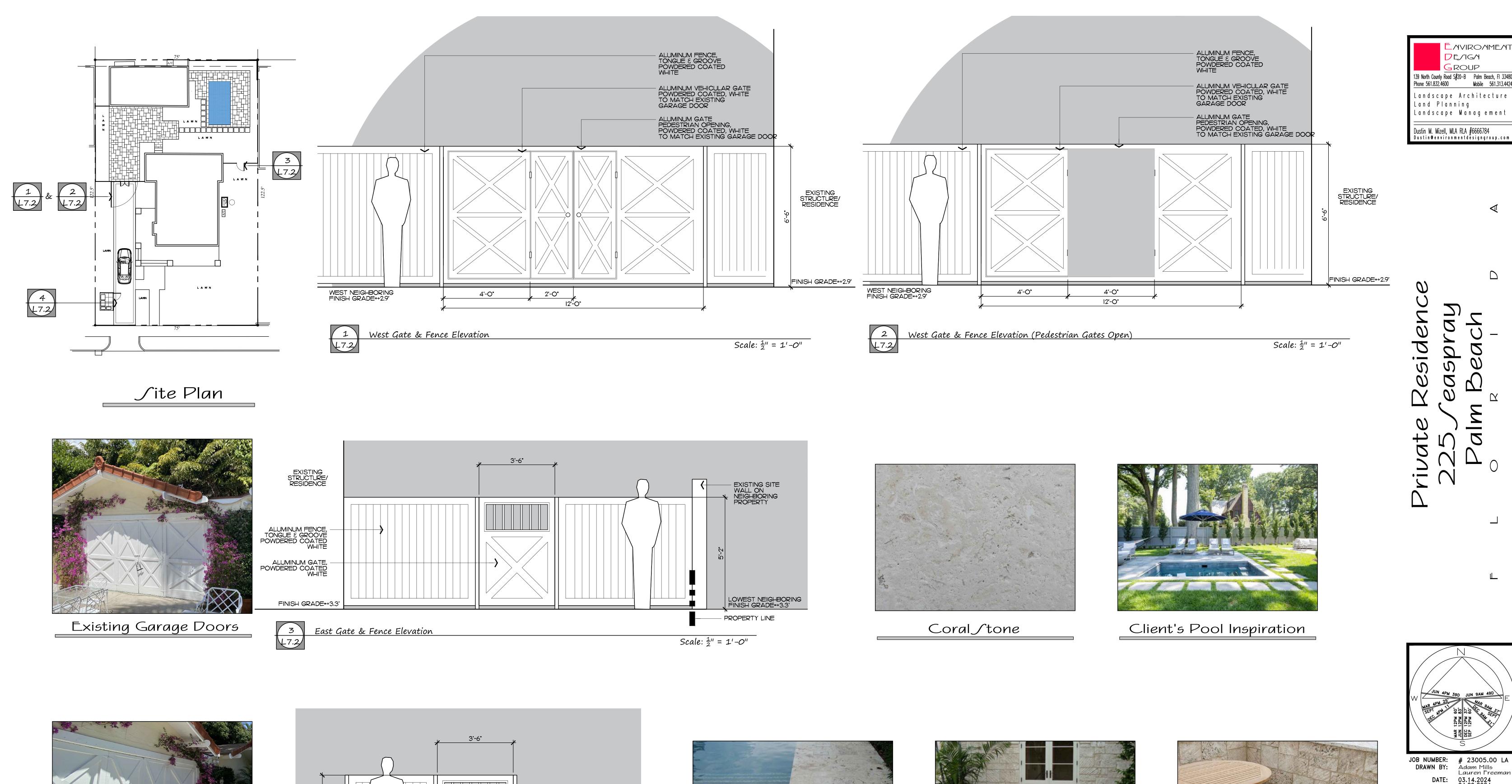
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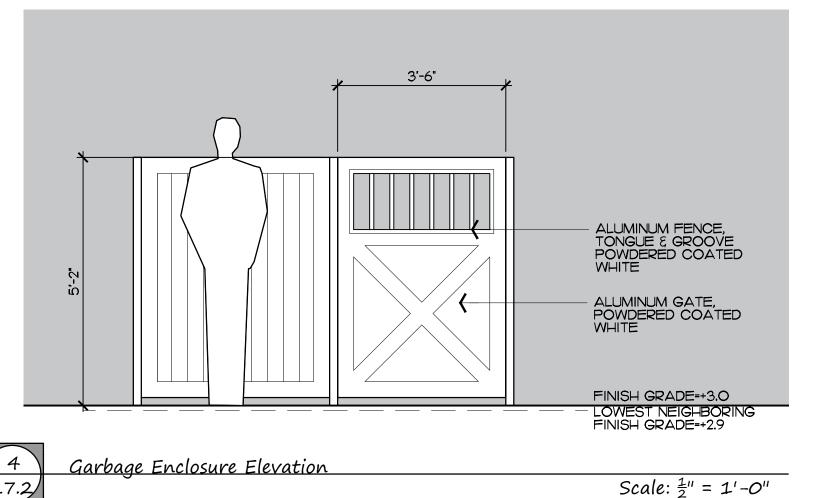
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Coral Stone Pool Terrace

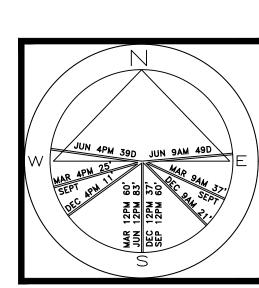


Coral Stone Paving

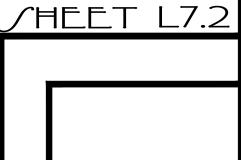


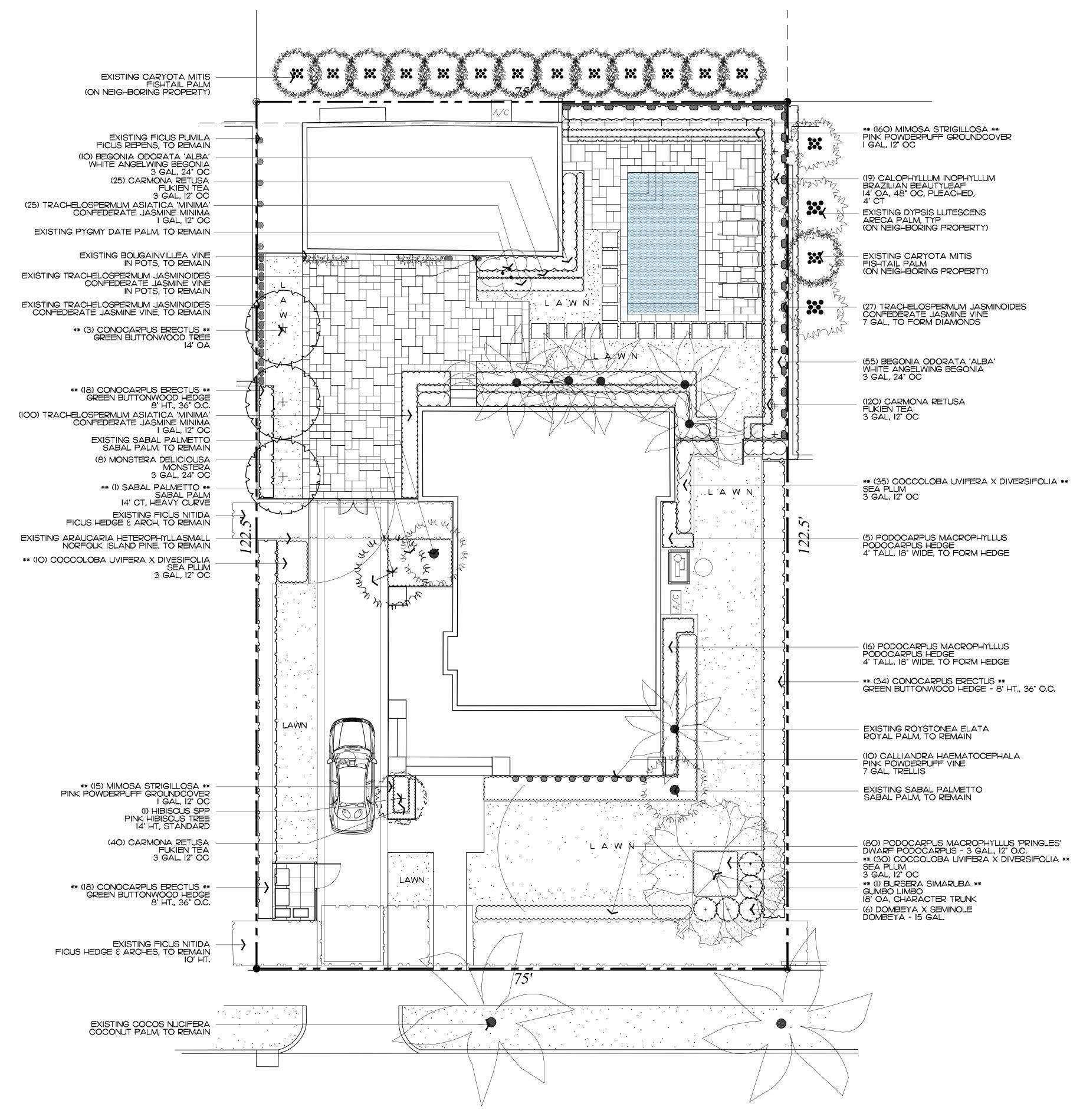
Coral Stone French Pattern





Adam Mills Lauren Freeman 03.14.2024 04.29.2024 05.10.2024





/HEET L8.0 COA# 24-017 Landscape Plan Scale IN FEET O' 8' AREA IN SQ.FT.

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Landscape Architecture

Landscape Management

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

Land Planning

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DRAWN BY: Adam Mills
Lauren Freeman

DATE: 03.14.2024
04.23.2024
05.10.2024

SHEET L8.1

E SEASPRAY AVENUE

Rendered Landscape Plan Scale IN FEET O' 8'

COA# 24-017

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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

Trees

SYMBOL	PLANT NAME		QTY.	DESCRIPTION	NATIVE
	BURSERA SIMARUBA GUMBO LIMBO TREE CONOCARPUS ERECTUS		3	18' OA, CHARACTER TRUNK	YES YES
+	GREEN BUTTONWOOD TREES HIBISCUS SPP PINK HIBISCUS TREE		1	14' OA 14' HT., STANDARD	NO NO
		TOTAL: NATIVE SPECIES:	5 4 (80%)		

Palms

SYMBOL	PLANT NAME		QTY.	DESCRIPTION	NATIVE
A HER	SABAL PALMETTO SABAL PALM		l	14' CT, HEAVY CURVE	YES
		TOTAL: NATIVE SPECIES:	 (100%)		

Groundcovers

SYMBOL/KEY	PLANT NA	AME	QTY.	DESCRIPTION	NATIVE
	CARMONA RETUSA FUKIEN TEA		155	3 GAL., 12" OC	NO
	MIMOSA STRIGILLOSA PINK POWDER PUFF GROUNDCOVER		200	I GAL., 12" O.C.	YES
	TRACHELOSPERMUM ASIATICA 'MINIMA' CONFEDERATE JASMINE MINIMA		125	I GAL. 12" O.C.	NO
		TOTAL: NATIVE SPECIES:	480 200 (41.7%)		

Lawn & Mulch

SYMBOL/KEY	PLANT NAME	QTY.	DESCRIPTION
LAWN	DIAMOND ZOYSIA LAWN	AS NEEDED	SOD PALLETS
PLANTING BED	SHREDDED EUCALYPTUS MULCH	AS NEEDED	MULCH ALL BEDS 3" MIN. DEPTH

Shrubs & Vines

SYMBOL/KEY	EY PLANT NAME		QTY.	DESCRIPTION	NATIVE
	BEGONIA ODORATA 'ALBA' WHITE ANGEL WING BEGONIA		65	3 GAL., 24" OC	NO
	CALLIANDRA HAEMATOCEPHALA PINK POWDER PUFF VINE		10	7 GAL, TRELLIS	NO
+ + +		JM INOPHYLLUM BEAUTYLEAF HEDGE	19	14' OA, 48" OC, PLEACHED, 4' CT	NO
	COCCOLOB SEA PLUM	A UVIFERA X DIVERSIFOLIA	117	3 GAL, 12" OC	YES
	CONOCARPUS ERECTUS GREEN BUTTONWOOD HEDGE		59	8' HT., 36" O.C.	YES
+	DOMBEYA X SEMINOLE DOMBEYA		9	I5 GAL.	NO
	MONSTERA DELICIOUSA MONSTERA		17	3 GAL, 24" OC	NO
	PODOCARPUS MACROPHYLLUS PODOCARPUS HEDGE		21 80	4' TALL, 18" WIDE, HEDGE 3 GAL., 12" O.C. 'PRINGLES'	NO
		PERMUM JASMINOIDES RATE JASMINE	27 125	7 GAL., VINE 1 GAL., 12" O.C.	NO
		TOTAL: NATIVE SPECIES:	549 176 (32.1%)		

Town of Palm Beach

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

Landscape Legend				
Property Address:	225 Seaspray Avenue			
Lot Area (sq. ft.):	9,185.96 SF			
	REQUIRED	PROPOSED		
Landscape Open Space (LOS) (Sq Ft and %)	4,133.68 SF (45%)	4,173 SF (45.04%)		
LOS to be altered (Sq FT and %)	N/A	6,634.96 SF (72.2%)		
Perimeter LOS (Sq Ft and %)	2,241 SF (50% REQ.D LOS)	2,607 SF (73.4%)		
Front Yard LOS (Sq Ft and %)	1,000 SF (40%)	1,596 SF (85.2%)		
Native Trees %	30%	80%		
Native Shrubs & Vines %	30%	32.10%		
Native Groundcover %	30%	41.70%		

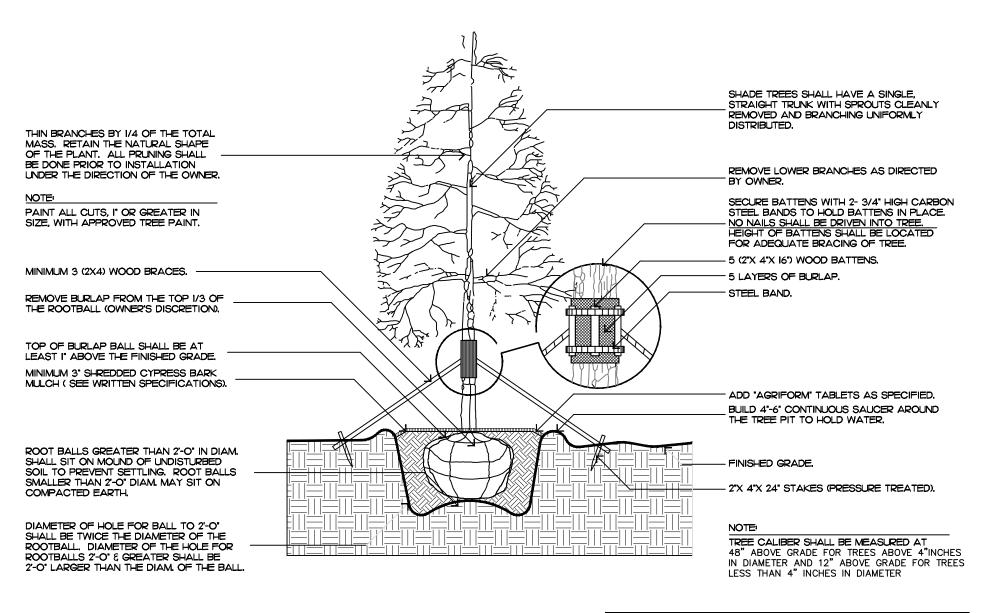
DE/IGN Landscape Architecture Land Planning Landscape Management Dustin M. Mizell, MLA RLA #6666784 Dustin@environmentdesigngroup.com

JOB NUMBER: # 23005.00 LA
DRAWN BY: Adam Mills
Lauren Freeman

DATE: 03.14.2024
04.29.2024
05.10.2024

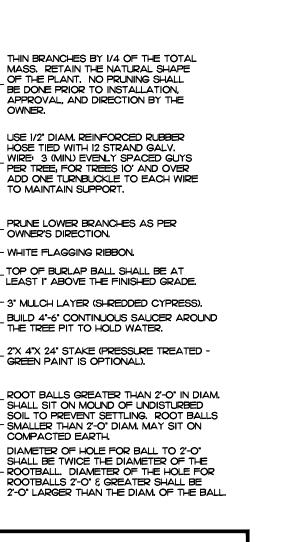
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COA# 24-017 Plant Schedule



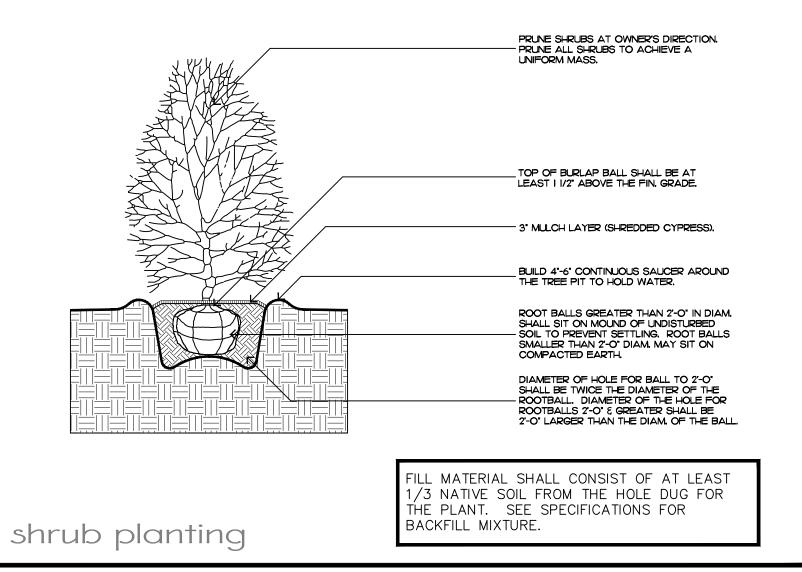
tree planting

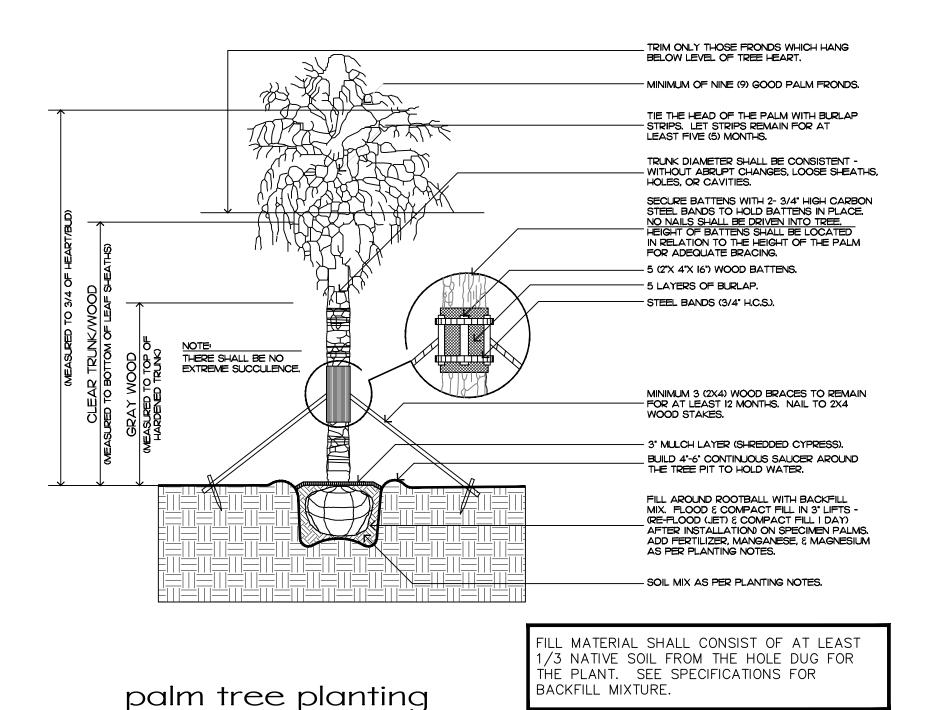
MATERIAL SHALL CONSIST OF AT LEAST /3 NATIVE SOIL FROM THE HOLE DUG FOR THE PLANT. SEE SPECIFICATIONS FOR BACKFILL MIXTURE.

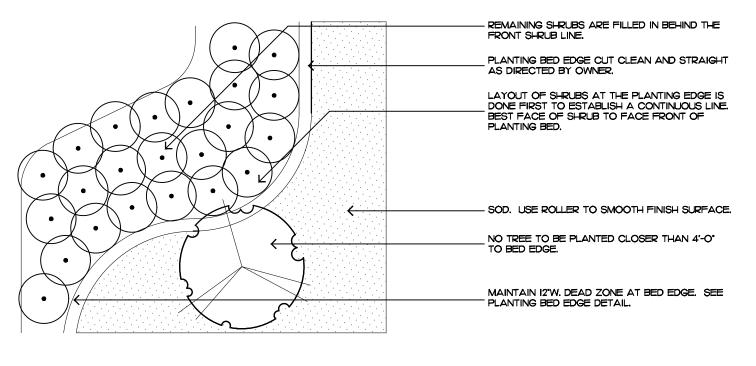


FILL MATERIAL SHALL CONSIST OF AT LEAST 1/3 NATIVE SOIL FROM THE HOLE DUG FOR THE PLANT. SEE SPECIFICATIONS FOR BACKFILL MIXTURE.

irregular and multi-stem tree







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

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.

PALMS WITH MARRED OR BURNED TRUNKS WILL NOT BE ACCEPTED.

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.

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 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 1. 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 PLANT MATERIAL.

COA# 24-017Planting Details & Specifications

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AVIROMMEN'

Mobile 561.313.4424

DE/IG/I

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

Landscape Architecture

Landscape Management

Dustin@environmentdesigngroup.com

Dustin M. Mizell, MLA RLA #6666784

Phone 561.832.4600

Land Planning

ROUP

JOB NUMBER: # 23005.00 LA DRAWN BY: Adam Mills

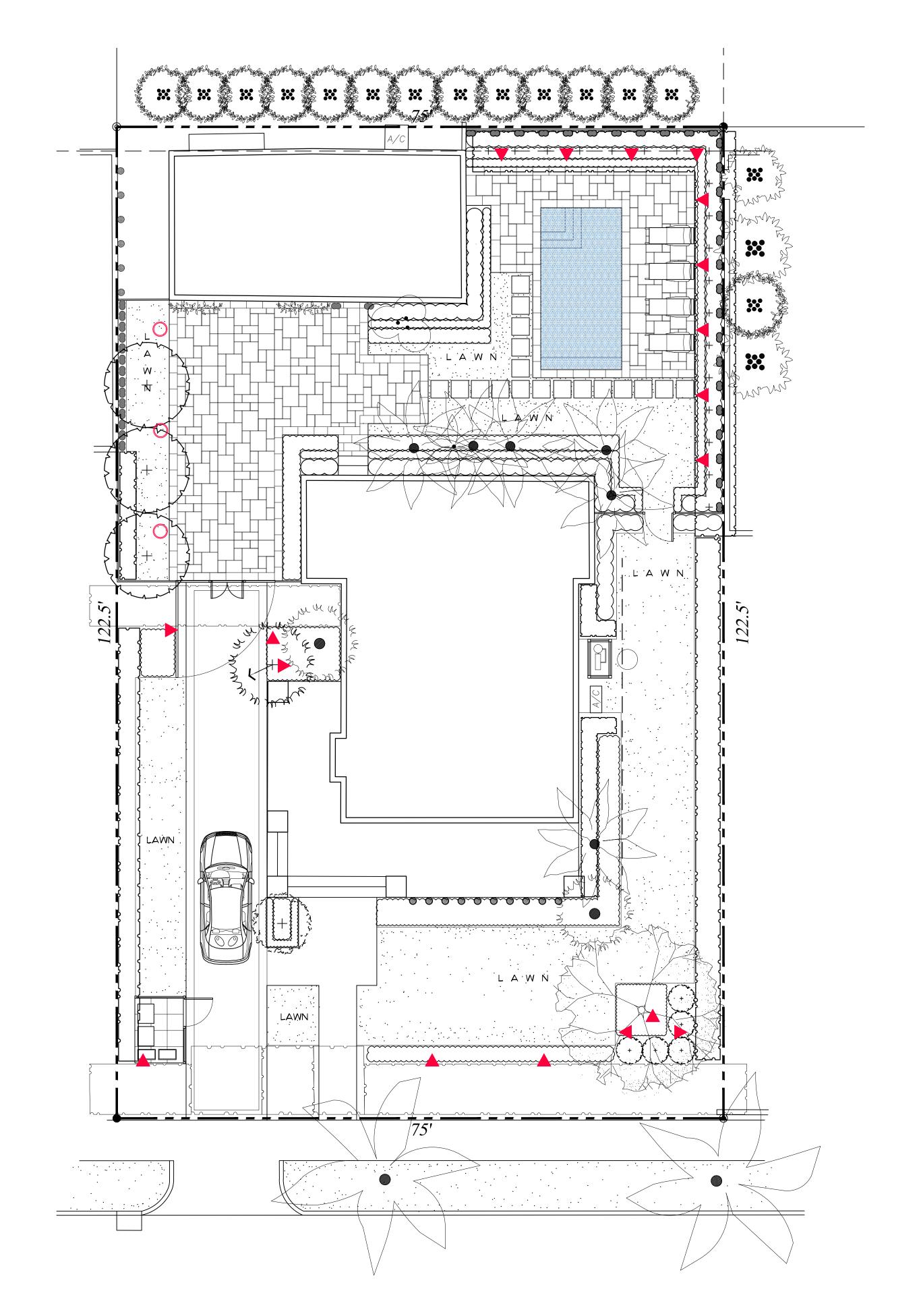
/HEET L8.3

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QTY.

Lighting Schedule

DESCRIPTION

<u>UPLIGHT</u> - AURORALIGHT - HSLI6-R TELLURIDE BRASS - 3 WATTS - LED 3000K

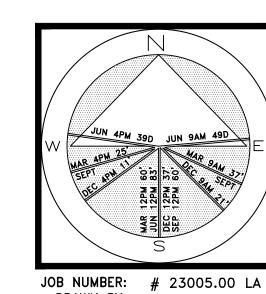
<u>WELL LIGHT</u> - AURORALIGHT - LWL5 LIGHTHAUS BRASS FINISH - 9 WATTS - LED 3000K

SYMBOL

O WL

UP LIGHT

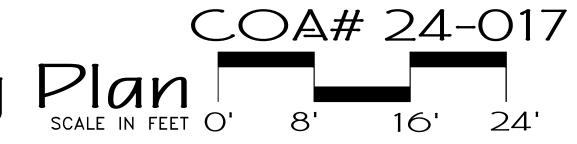
WELL LIGHT



JOB NUMBER: # 23005.00 LA
DRAWN BY: Adam Mills
DATE: 03.14.2024
04.29.2024
05.10.2024

∕HEET L9.0

Landscape Lighting Plan Scale IN FEET O'



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STORMWATER RETENTION CALCULATIONS

```
A. <u>SITE INFORMATION</u>
Total Property Area = 9,186 sq.ft.
Drainage Area Impervious Surface = 5,026 sq.ft.
Drainage Area Pervious Surface = 4,160 sq.ft.
B. ESTIMATED STORMWATER RETENTION VOLUME
The retention volume is estimated using the Rational Method (Q=CiA)
C = 1.0 (impervious surface)
C = 0.2 (pervious surface)
i = 2 in/hr
Impervious Surface Runoff Volume:
1.0^{\circ} x 2 in/hr x 5,026 sq.ft. x 1 ft./12 in. = 838 cu.ft.
Pervious Runoff Volume:
0.2 \times 2 \text{ in/hr} \times 4,160 \text{ sq.ft.} \times 1 \text{ ft./}12 \text{ in.} = 139 \text{ cu.ft.}
Total Volume to be Retained = 977 cu.ft.
C. PROPOSED EXFILTRATION TRENCH SIZING
Exfiltration Trench #1
L = Total Length of Trench Provided = 60 ft
                                      = 10 ft
W = Trench Width
                                    = 0.00005 cfs/sq.ft./ft. of head
K = Hydraulic Conductivity
                                      = 1.45 ft
H2 = Depth to Water Table
DU = Un-Saturated Trench Depth = 0.50 ft
                                      = 0.50 \text{ ft}
DS = Saturated Trench Depth
V = Volume Treated
                                       = 281 cu.ft.
```

W = Trench Width Hydraulic Conductivity = 0.00005 cfs/sq.ft./ft. of head Depth to Water Table = 1.45 ft DU = Un-Saturated Trench Depth = 0.50 ft= 0.50 ftSaturated Trench Depth

= Total Length of Trench Provided = 30 ft

= Total Length of Trench Provided = 32 ft

= 10 ft

= 1.45 ft

= 0.50 ft

= 0.50 ft

= 14 ft

= 180 cu.ft.

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

V = Volume Treated = 230 cu.ft.

Exfiltration Trench #4 = Total Length of Trench Provided = 30 ft

Exfiltration Trench #2

W = Trench Width

V = Volume Treated

Exfiltration Trench #3

K = Hydraulic Conductivity

H2 = Depth to Water Table DU = Un-Saturated Trench Depth

Saturated Trench Depth

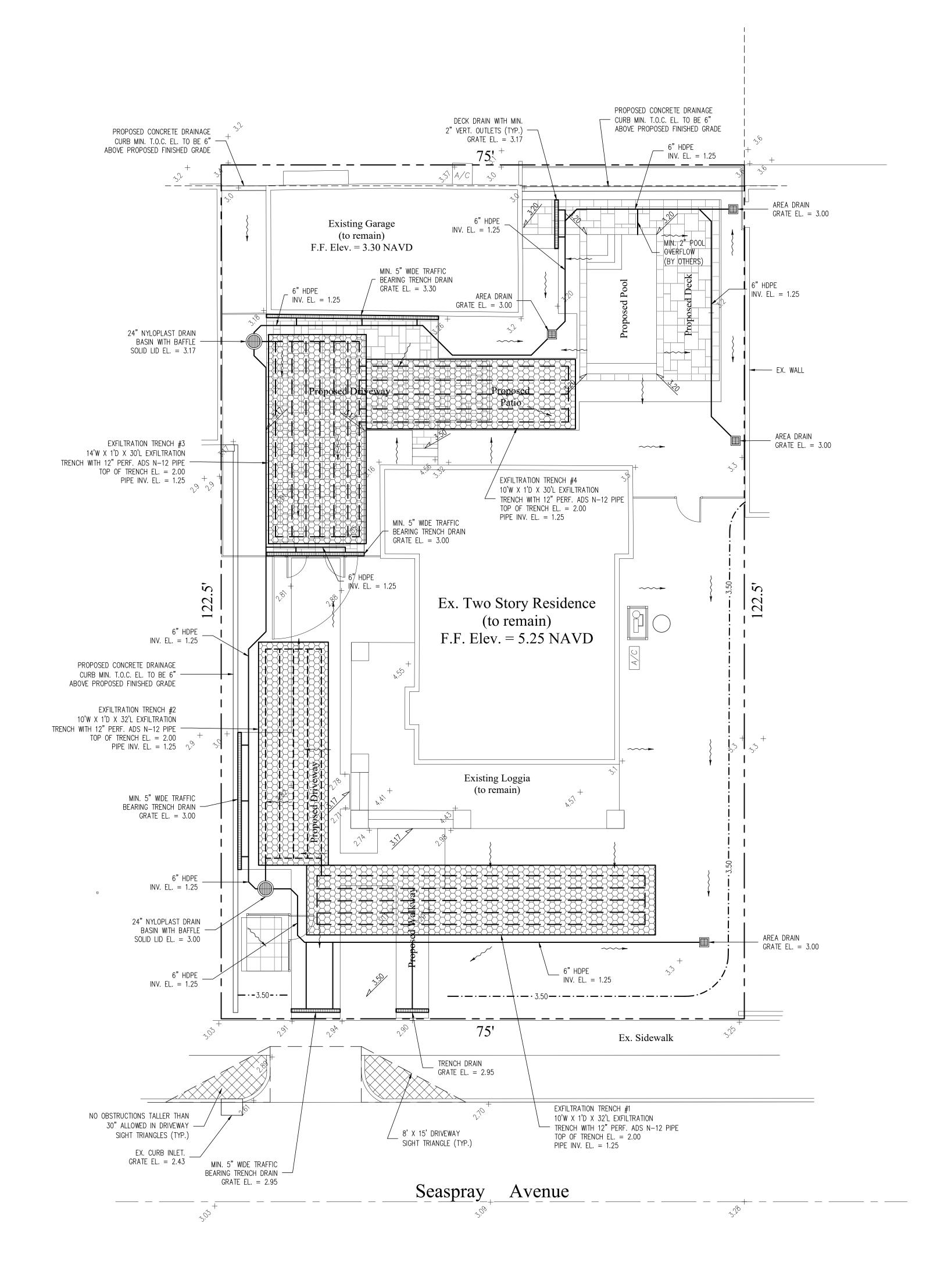
= Trench Width = 0.00005 cfs/sq.ft./ft. of head = Hydraulic Conductivity = 1.45 ft Depth to Water Table DU = Un-Saturated Trench Depth = 0.50 ft = 0.50 ftSaturated Trench Depth

= 169 cu.ft. V = Volume Treated

Total Volume Retained in Exfiltration Trenches = 860 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.



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.

Location Map

N.T.S.



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Legend

EXISTING ELEVATION PER WALLACE SURVEYING CORP. (NAVD-88)

PROPOSED ELEVATION (NAVD-88)

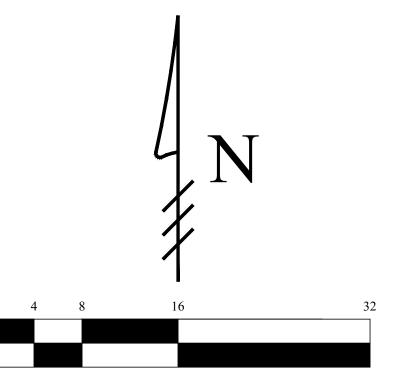
---7.00--- PROPOSED ELEVATION CONTOUR (NAVD-88)

FLOW DIRECTION

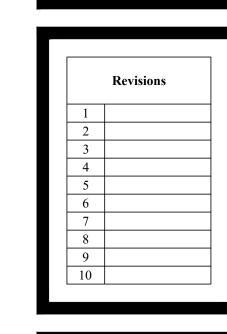
EXFILTRATION TRENCH

AREA DRAIN

24" NYLOPLAST DRAIN BASIN



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



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 6/26/23

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