

Scope of Work

*Removal of existing hardscape *New fountain and hardscape in front yard *New BBQ

*New outdoor shower

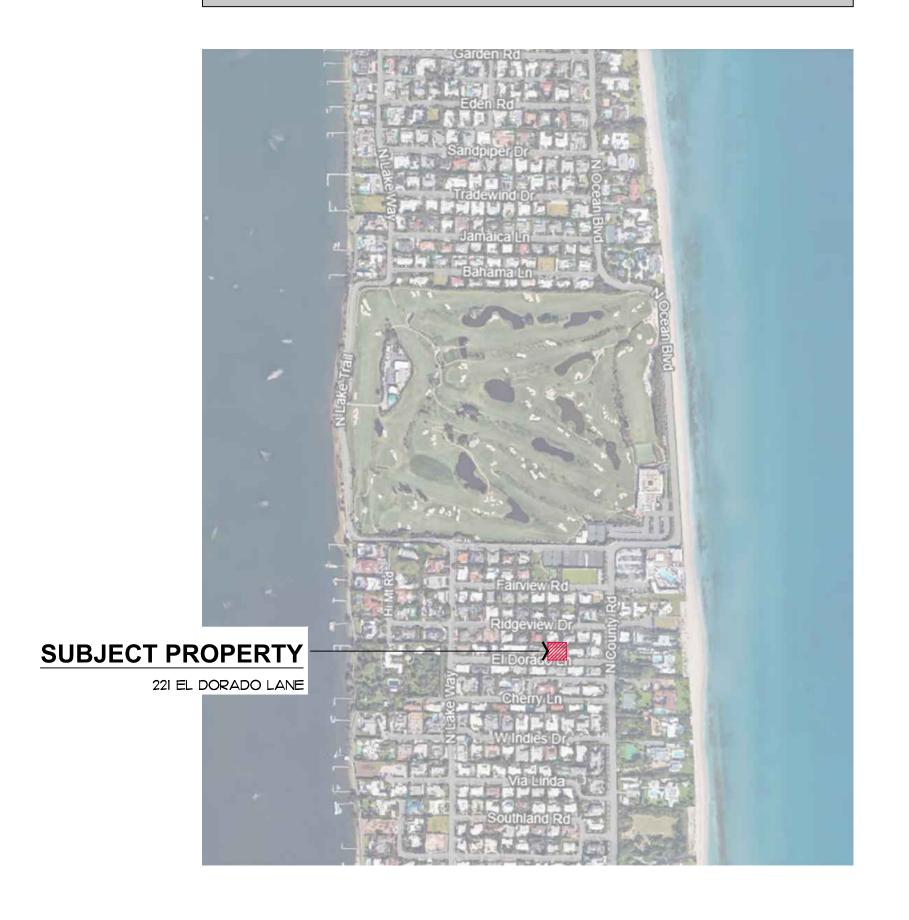
* New pool deck hardscape

* Demolition of existing landscape

* New landscape material

* Change to site data

Vicinity/Location Map



Private Residence 221 El Dorado Lane Palm Beach

D \square

Application #: ARC-24-0064 Second Submittal

Date of Presentation: September 28, 2024

Sheet Index

Cover Sheet Survey

L1.0 - Existing General Site Photos

L1.1 - Existing General Site Photos

L2.0 - Existing Vegetation Inventory & Action Plan

L3.0 - Construction Screening Plan

L4.0 - Construction / taging Plan

L5.0 - Truck Logistics Plan

L6.0 - Site Plan

L6.0a - Front Terrace Elevation

L6.0b - Fence & Gate Details

L6.1 - Site Calculation / Open Space Diagrams

L6.2 - Site Calculation / Front Yard Diagram

L6.3 - Site Calculation / Perimeter Diagram

L6.4 - Landscape Alteration Diagram

L7.0 - Landscape Plan

L7.1 - Rendered Landscape Plan

L7.2 - Plant Schedule

L7.3 - Planting Details & Specifications

L8.0- Hardscape Materials

L9.0 - Landscape Lighting Plan Civil Engineering Plans

139 NORTH COUNTY ROAD SUITE 20B PALM BEACH, FL 33480

561.832.4600

WWW.ENVIRONMENTDESIGNGROUP.COM

Design Team/Consultants

Landscape Architects

ENVIRONMENT DESIGN GROUP

Surveyor

WALLACE SURVEYING CORPORATION 5553 VILLAGE BLVD WEST PALM BEACH, FL 33407 561.640.4551

Civil Engineer

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



Existing View to Front



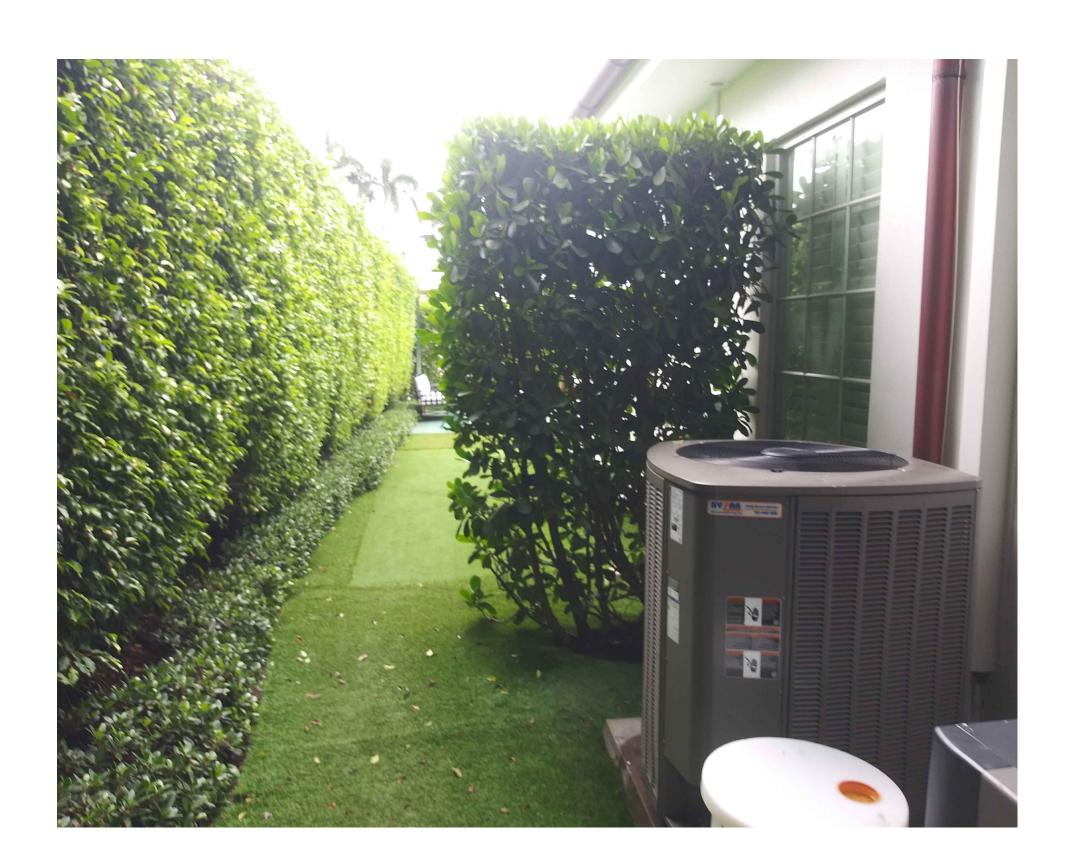
Existing View to Front



Existing View to Front



Existing View to Front



Existing East Side Yard



Existing View to Pool

ARC-24-0064 Existing Site Photos

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

Residence

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DATE: 07.11.2024
07.29.2024

/HEET L1.0

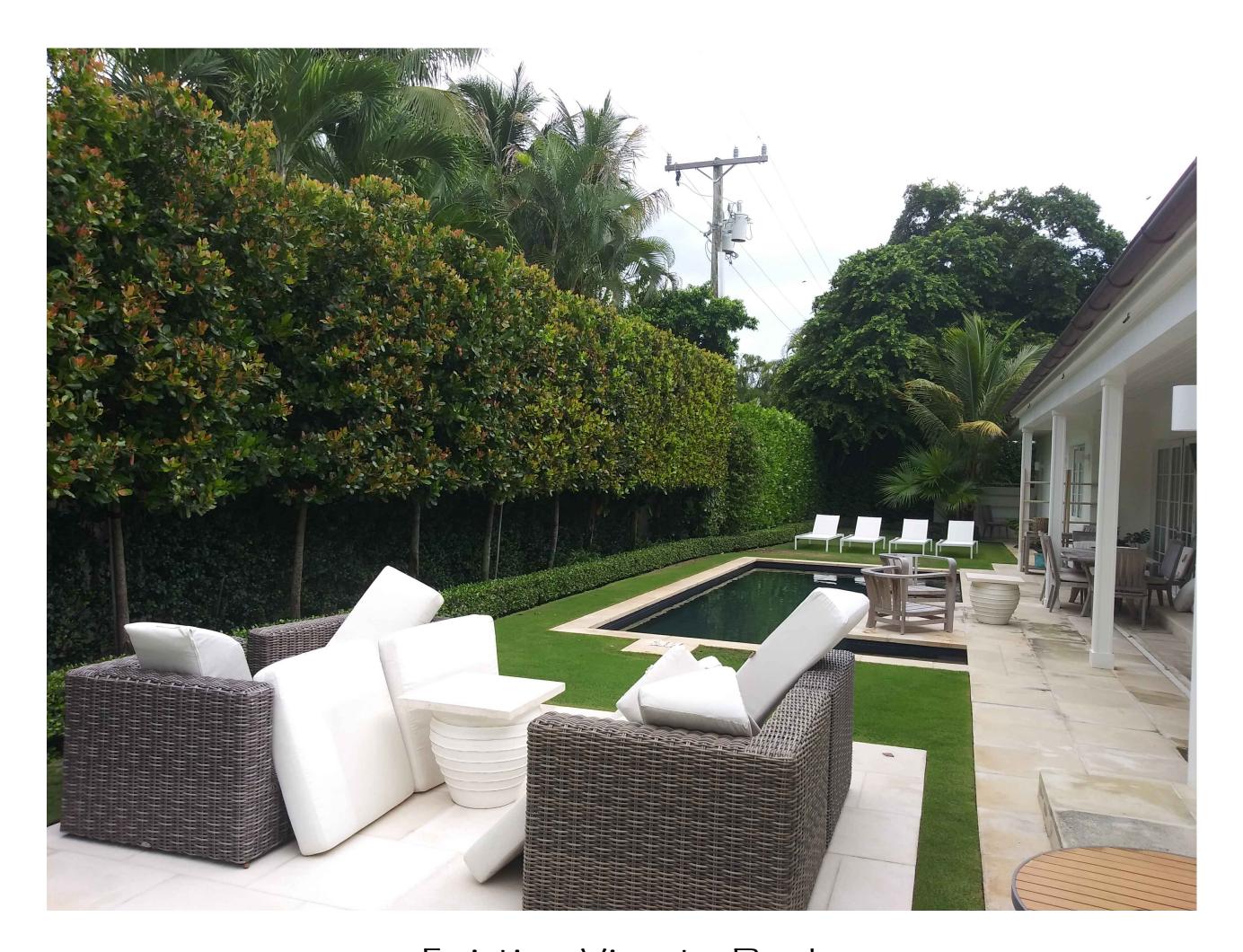
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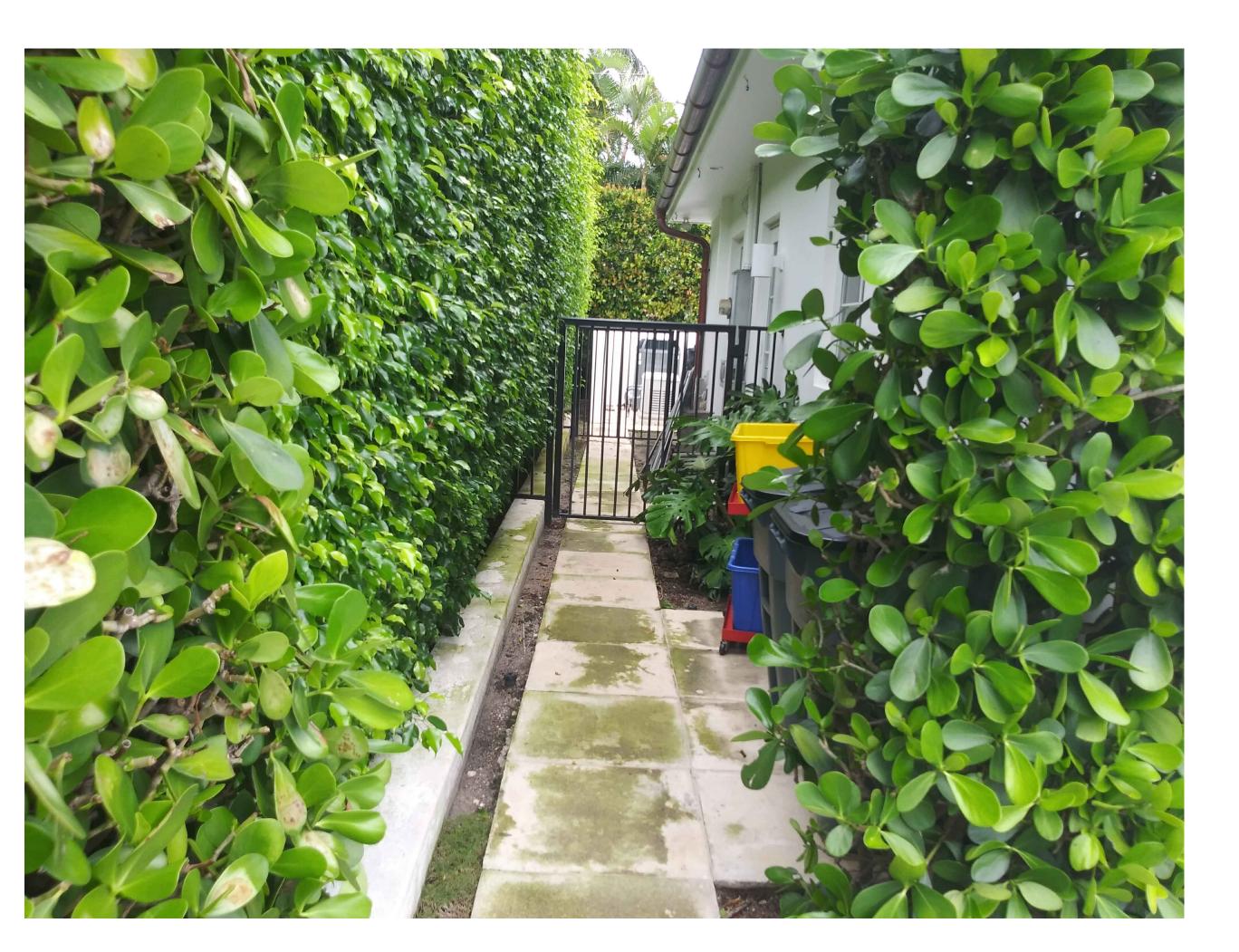
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Existing View to Pool



Existing View to West Side Yard

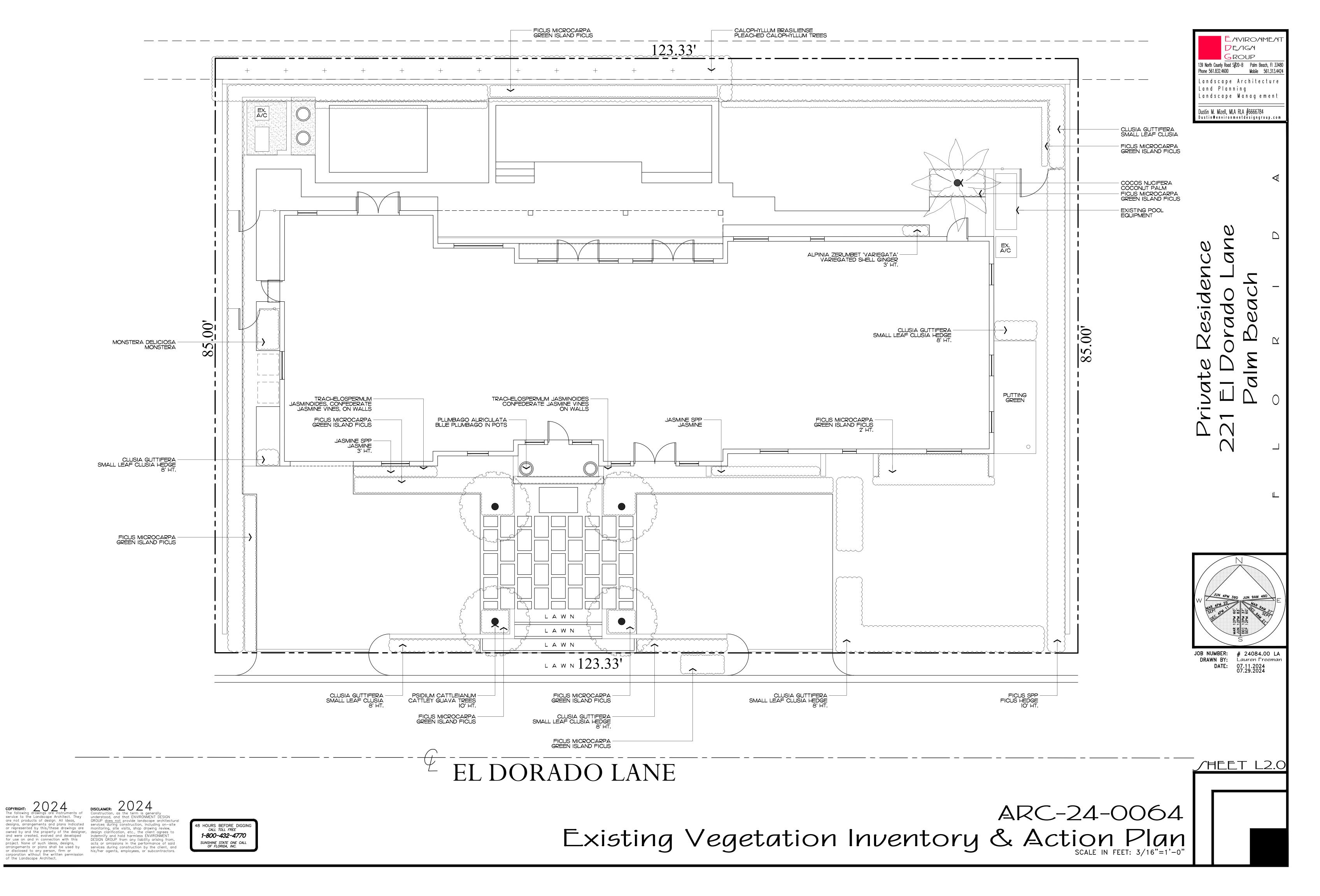
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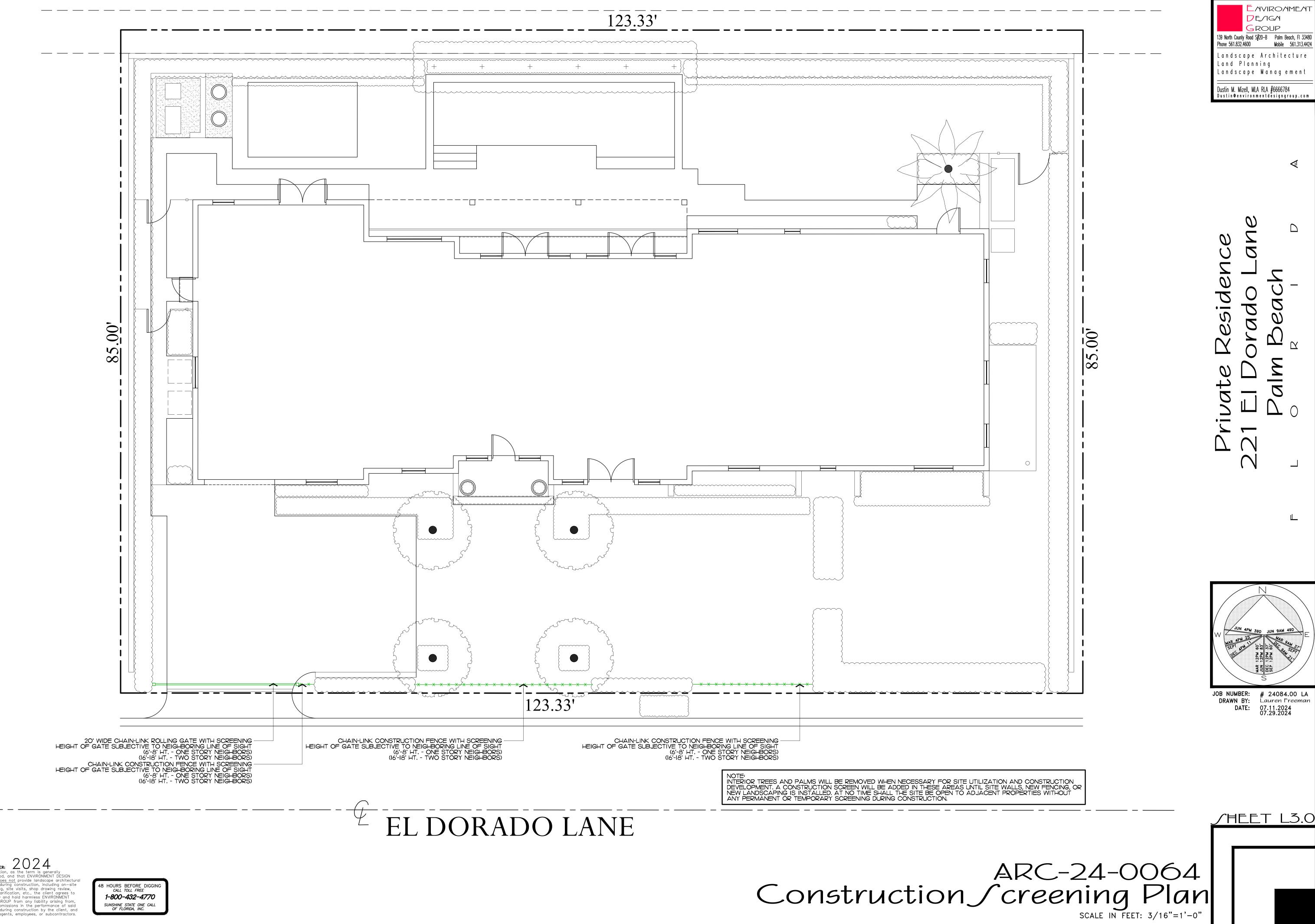
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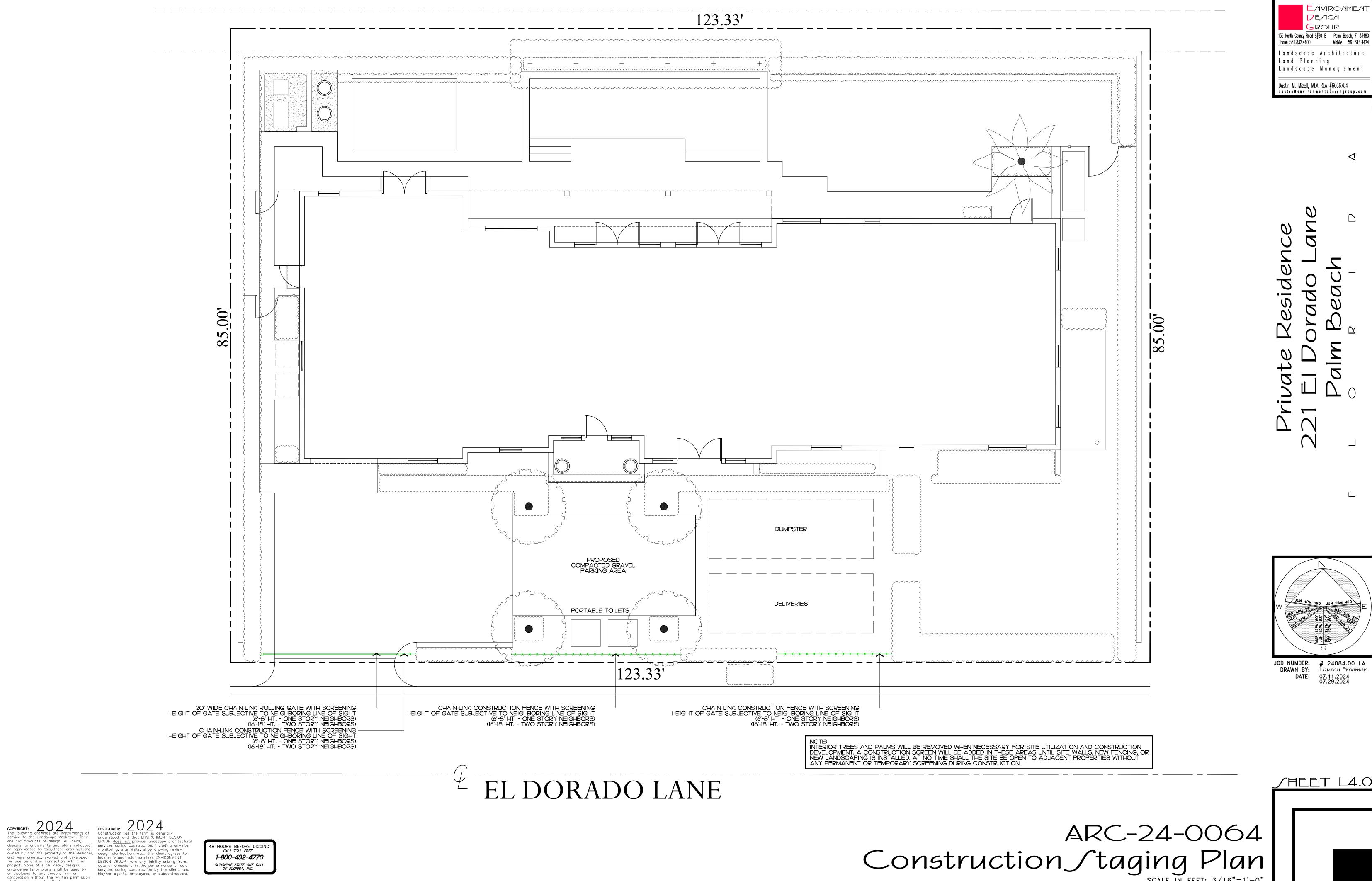




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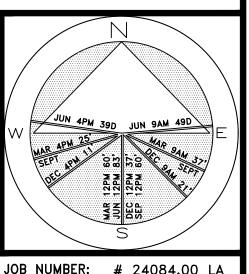
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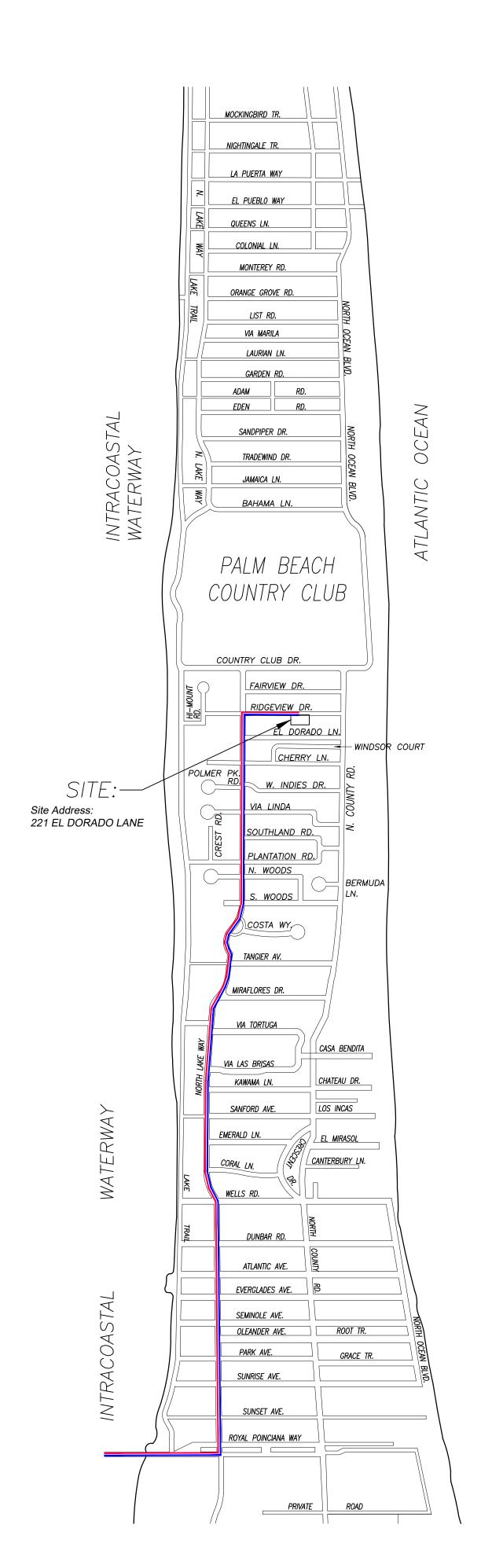
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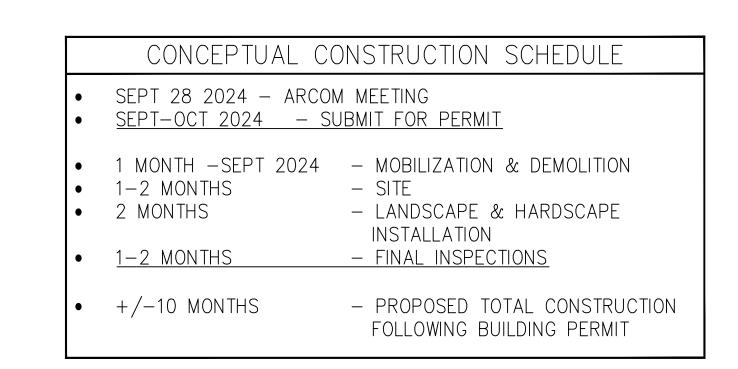
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GROUP 139 North County Road S#20-B Palm Beach, FI 33480 Phone 561.832.4600 Mobile 561.313.4424 Landscape Architecture Landscape Management



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DATE: 07.11.2024





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

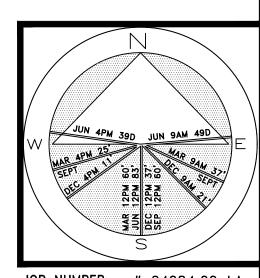
PROPOSED EGRESS TRUCK ROUTE

ARC-24-0064
Truck Logistics Plan
SCALE: NOT TO SCALE

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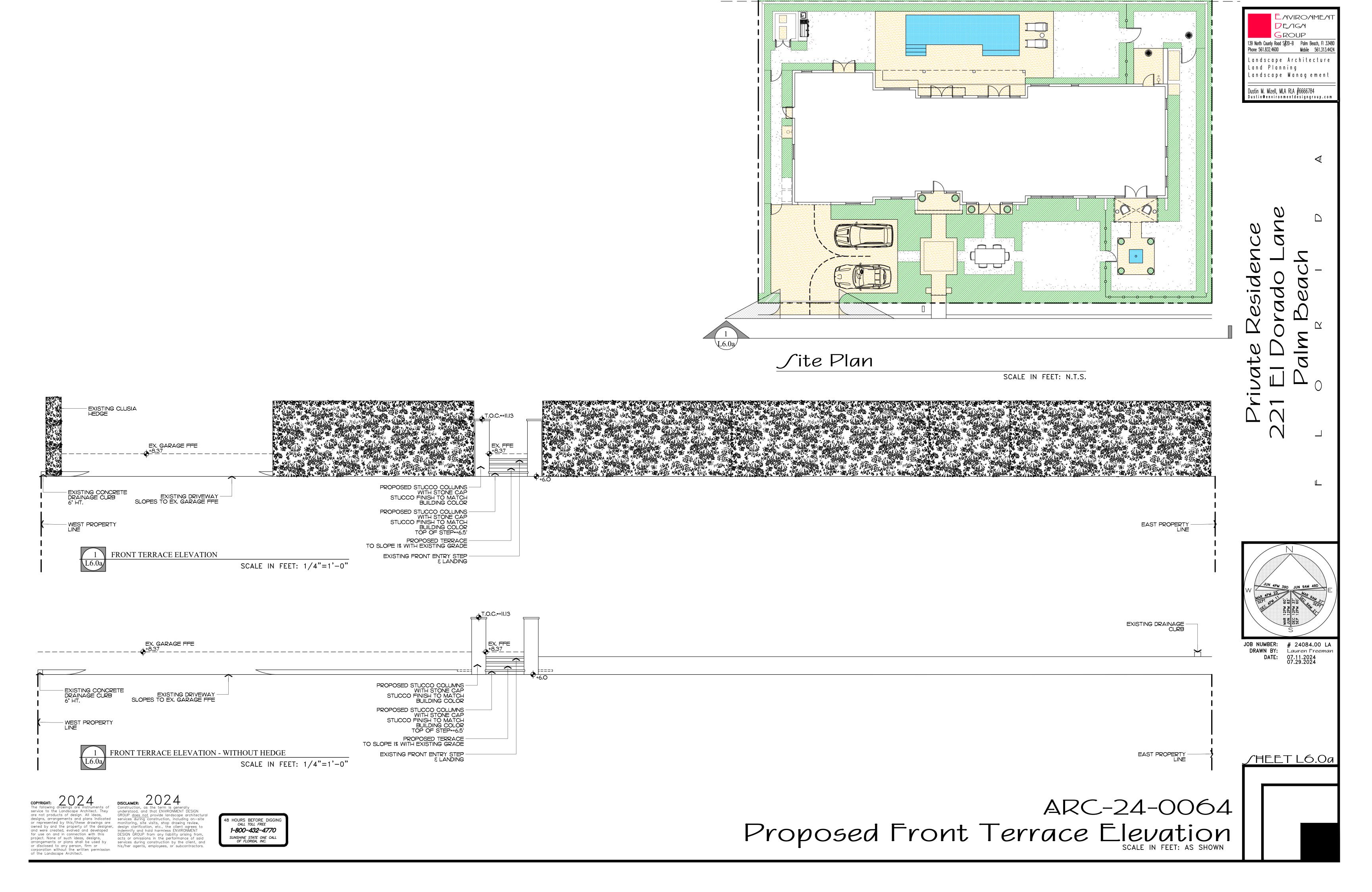
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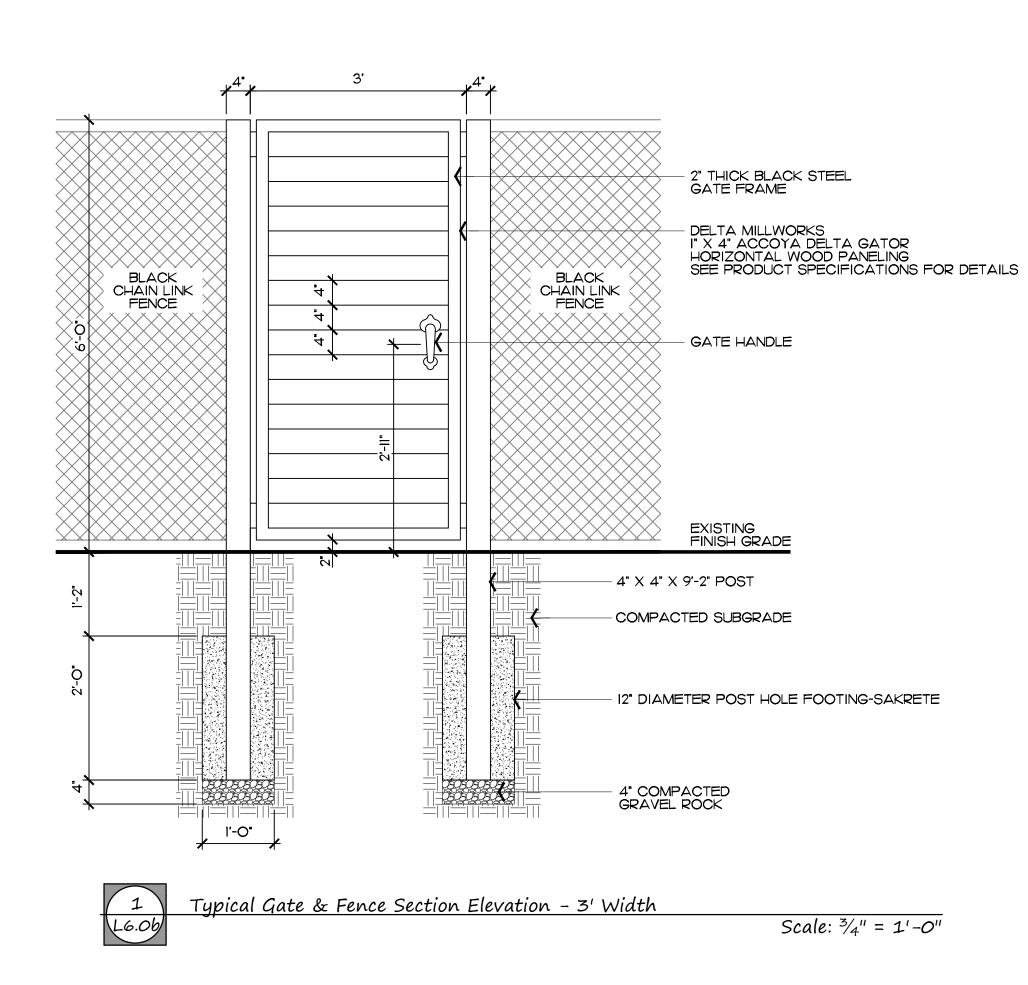
/HEET L5.0

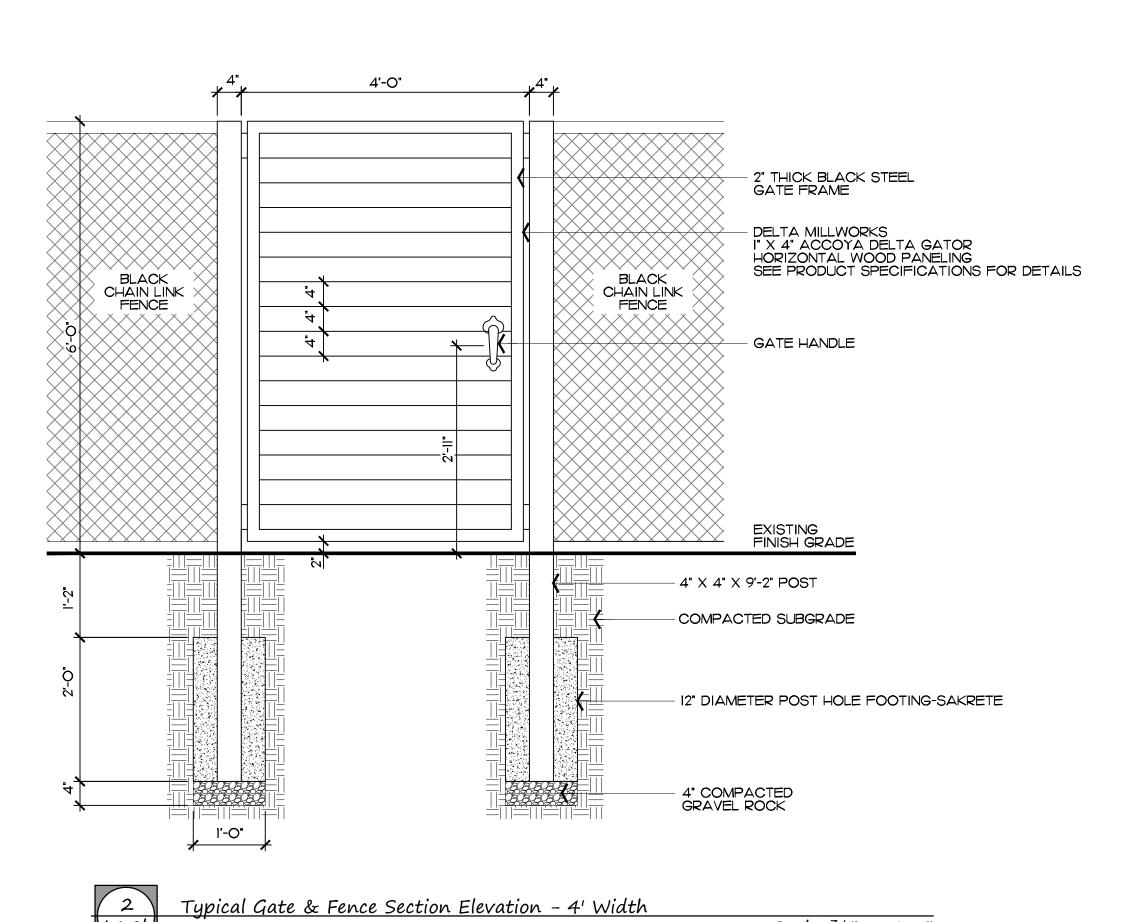
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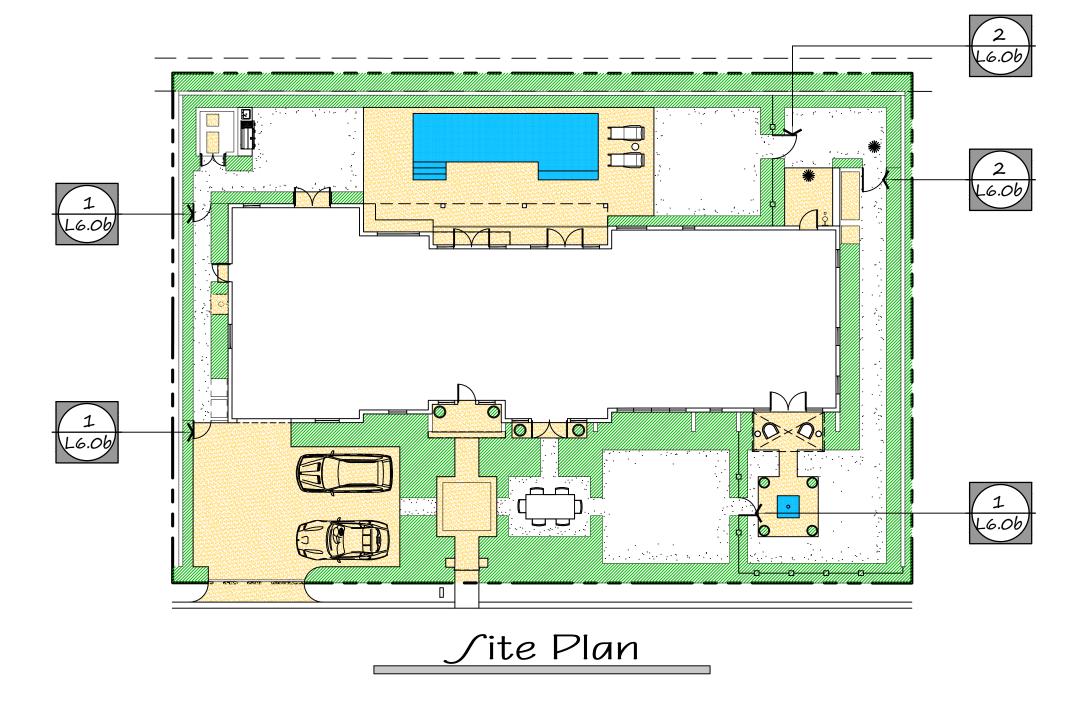
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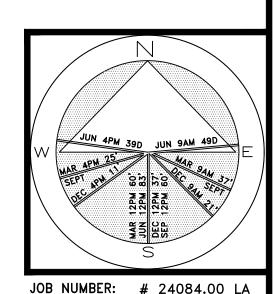


Scale: $\frac{3}{4}$ " = 1'-0"



L AVIROAMEAT **D**E/IG/I 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 Dustin M. Mizell, MLA RLA #6666784 Dustin@environmentdesigngroup.com

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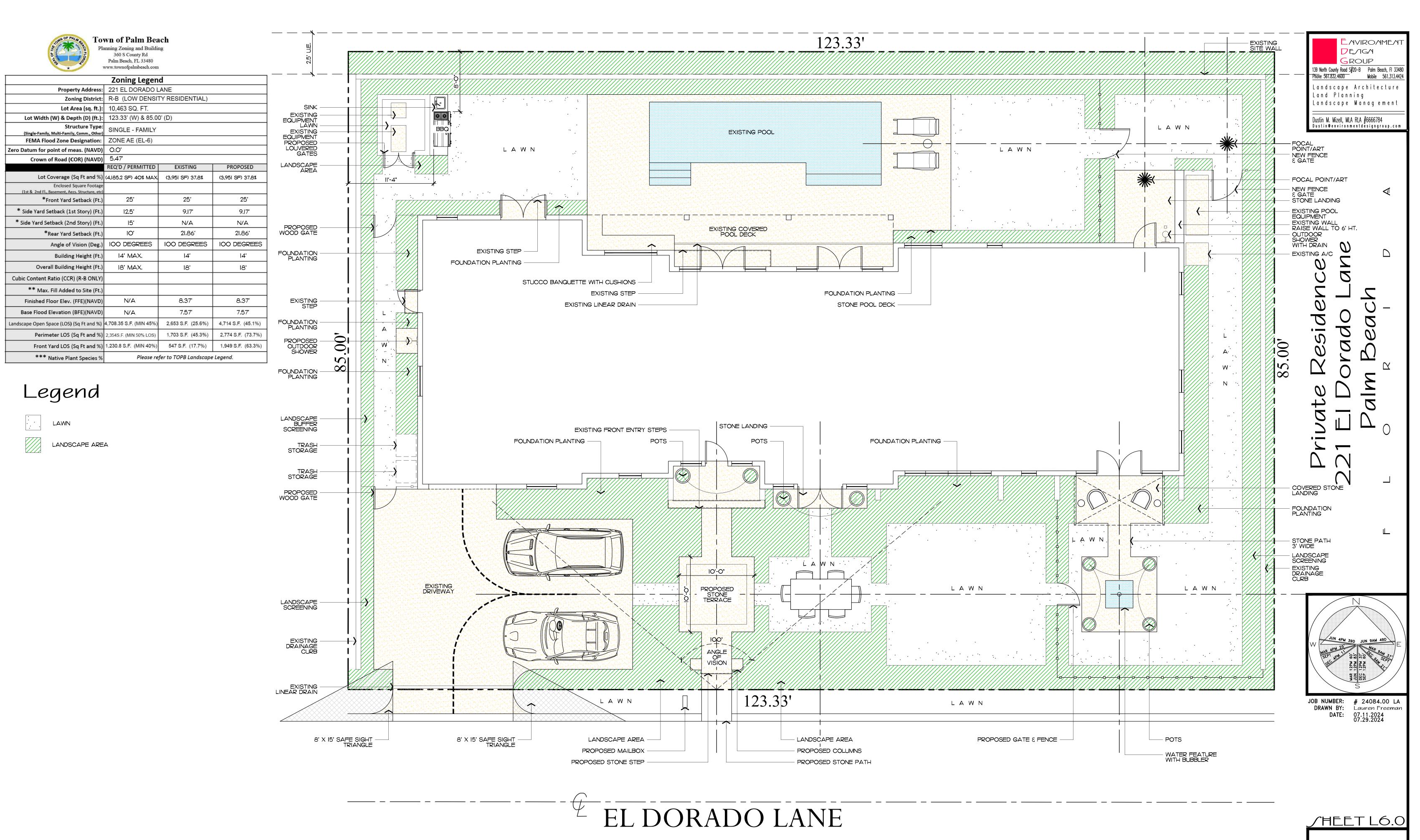
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DRAWN BY: Lauren Freeman

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07.29.2024

SHEET L6.0b

ARC-24-0064
Fence & Gate Details
SCALE IN FEET: AS SHOWN

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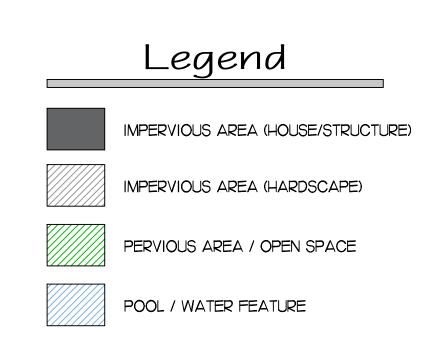


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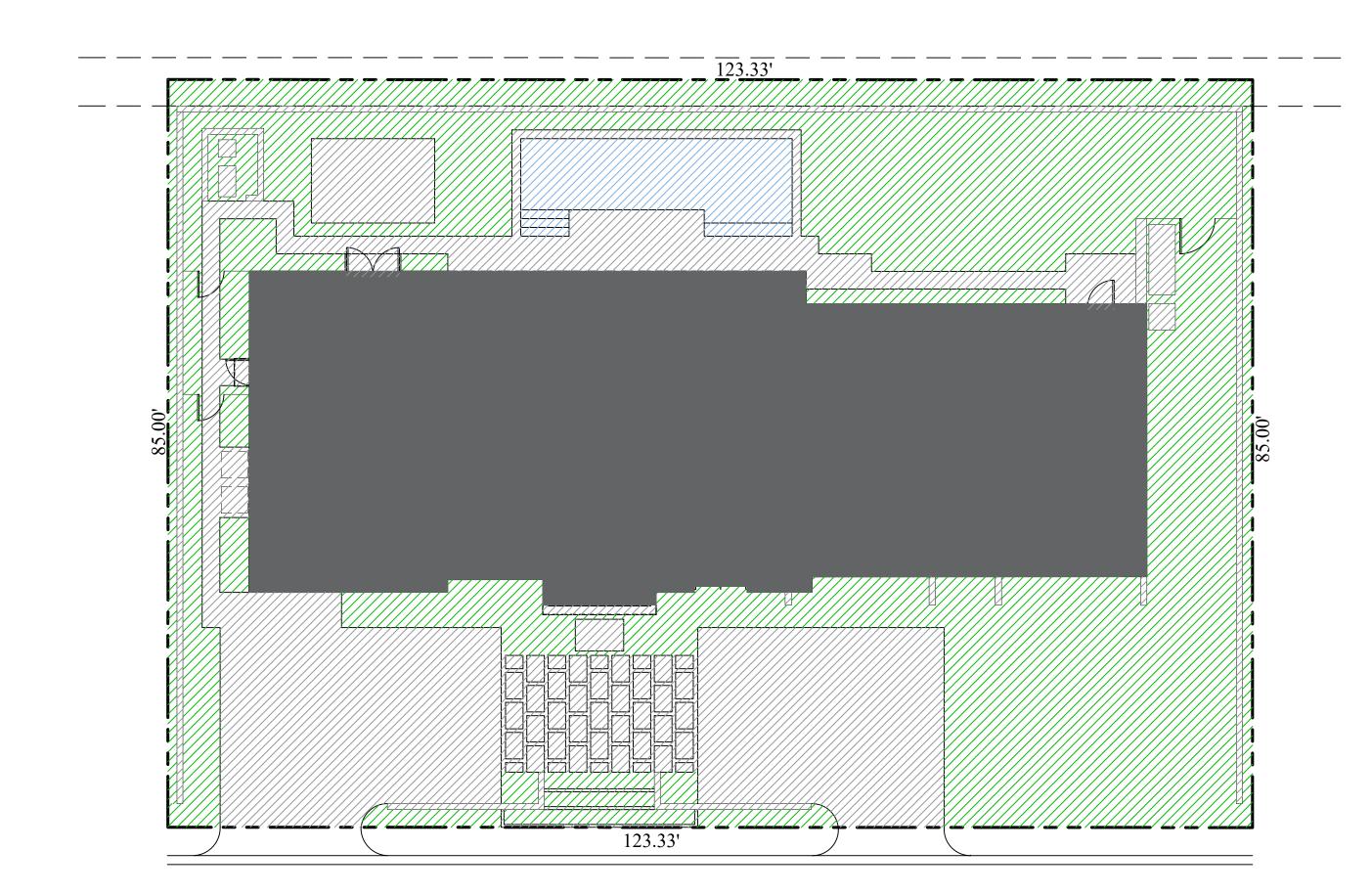
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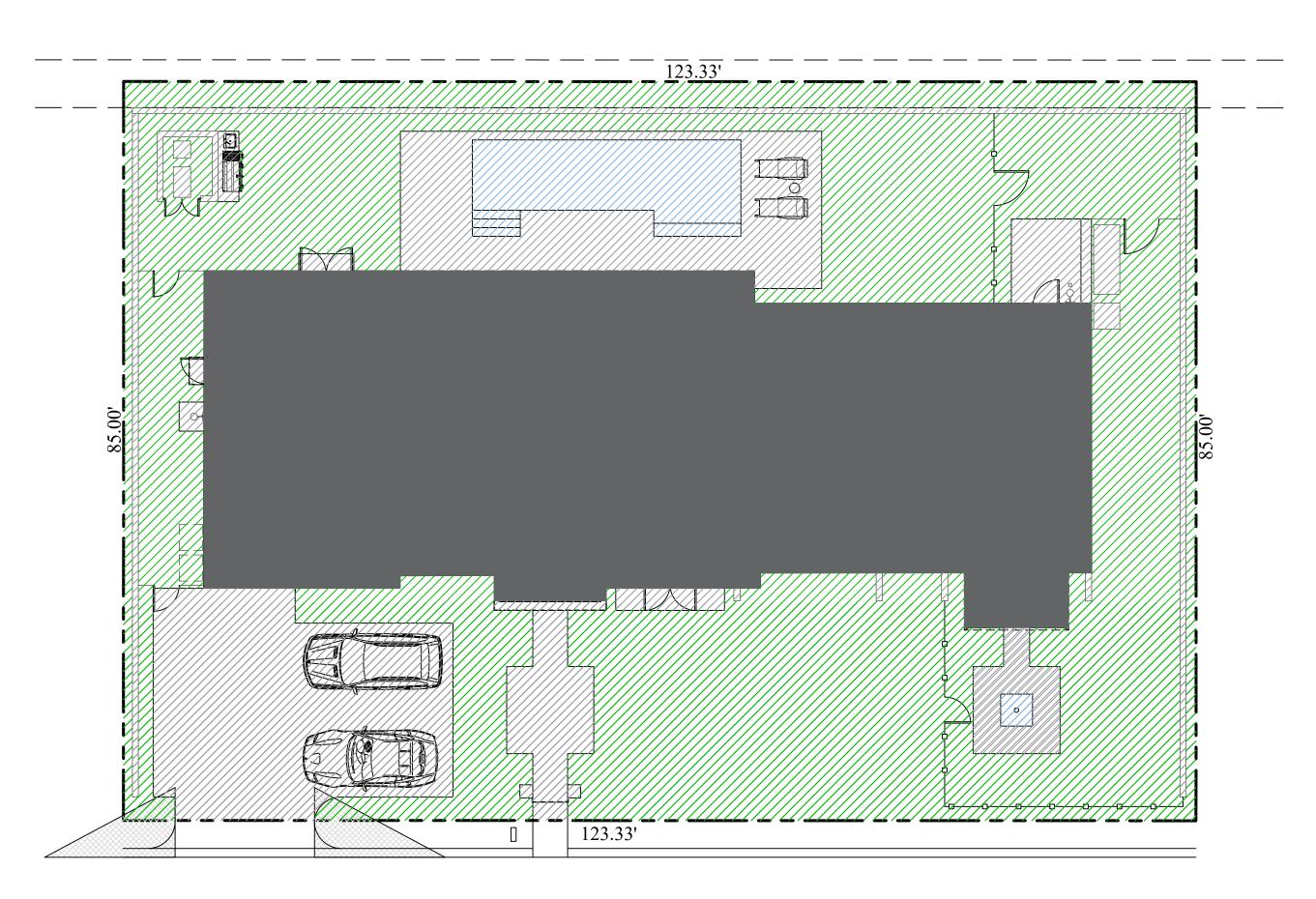




EL DORADO LANE Existing Open Space Graphic

Existing Site Data

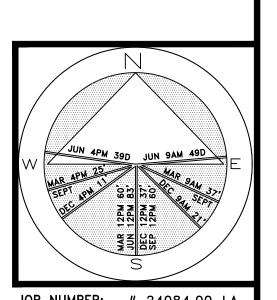
DESCRIPTION	REQUIRED		EXISTING	
LOT ZONE			R-B - LOW DE	ENSITY RESIDENTIAL
LOT AREA	10,000 S.F. N	MINIMUM	10,	463 S.F.
OPEN / PERMEABLE SPACE	MINIMUM 45%	4,708.35 S.F.	25.6%	2,653 S.F.
FRONT YARD LANDSCAPE	MINIMUM 40% OF FRONT YARD	1,230.8 S.F.	17.7%	547 S.F.
PERIMETER LANDSCAPE WITHIN 10' OF PROPERTY LINE	MINIMUM 50% OF REQ'D OPEN SPACE	2,354 S.F.	45.3%	1,703 S.F.



EL DORADO LANE Proposed Open Space Graphic

Proposed Site Data

DESCRIPTION	REQUIRED		P	ROPOSED
LOT ZONE			R-B - LOW DE	ENSITY RESIDENTIAL
LOT AREA	10,000 S.F. N	MINIMUM	10,	463 S.F.
OPEN / PERMEABLE SPACE	MINIMUM 45%	4,708.35 S.F.	45.1%	4,714 S.F.
FRONT YARD LANDSCAPE	MINIMUM 40% OF FRONT YARD	1,230.8 S.F.	63.3%	1,949 S.F.
PERIMETER LANDSCAPE WITHIN 10' OF PROPERTY LINE	MINIMUM 50% OF REQ'D OPEN SPACE	2,354 S.F.	73.7%	2,774 S.F.



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JHEET L6.1

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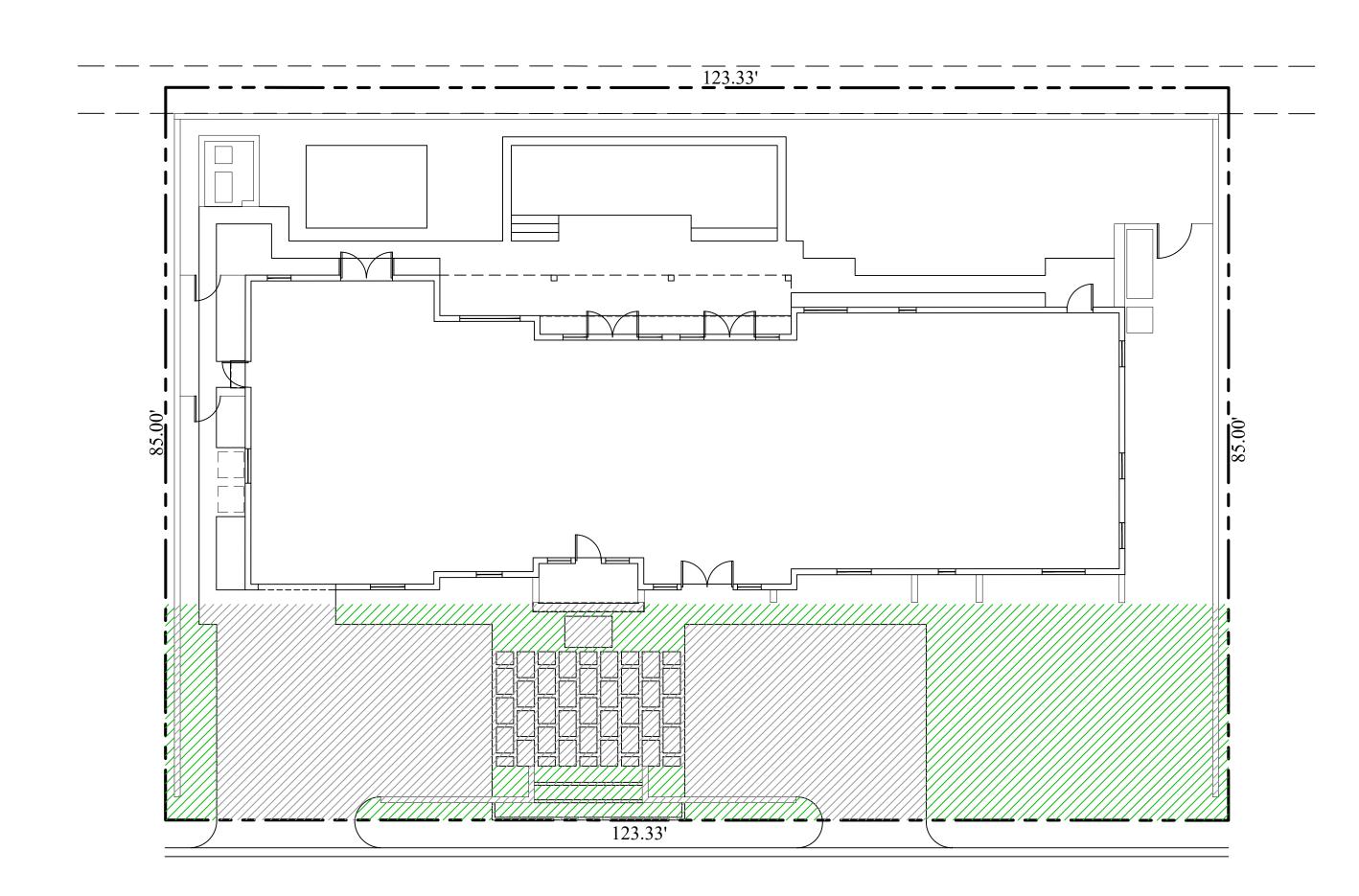


ARC-24-0064 Site Calculation / Open Space Graphics

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

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

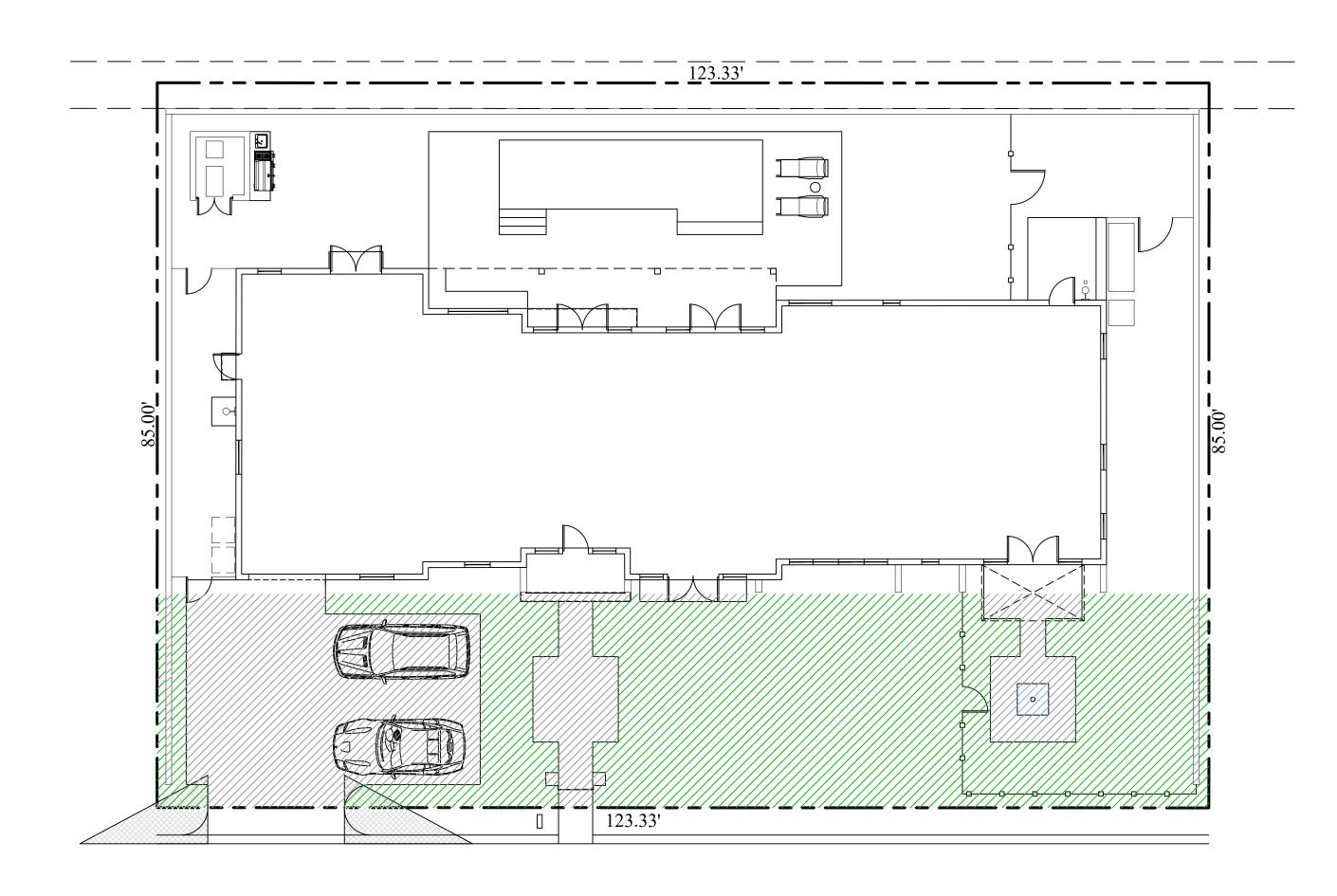
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EL DORADO LANE Existing Open Space Graphic

Existing Site Data

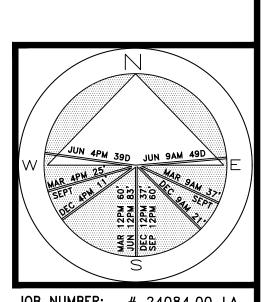
DESCRIPTION	REQUIRED		E	KISTING
LOT ZONE			R-B - LOW DE	ENSITY RESIDENTIAL
LOT AREA	10,000 S.F. N	MINIMUM	10,4	463 S.F.
OPEN / PERMEABLE SPACE	MINIMUM 45%	4,708.35 S.F.	25.6%	2,653 S.F.
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EL DORADO LANE Proposed Open Space Graphic

Proposed Site Data

DESCRIPTION	REQUIRED		P	ROPOSED
LOT ZONE			R-B - LOW DE	ENSITY RESIDENTIAL
LOT AREA	10,000 S.F. N	MINIMUM	10,	463 S.F.
OPEN / PERMEABLE SPACE	MINIMUM 45%	4,708.35 S.F.	45.1%	4,714 S.F.
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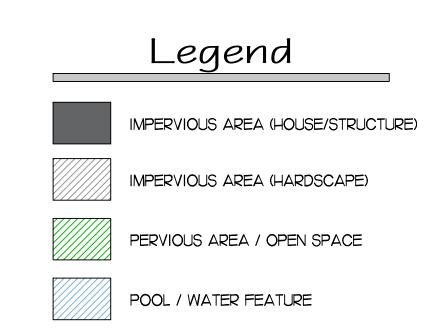


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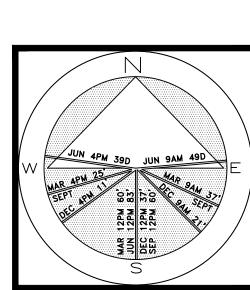
ARC-24-0064 Jite Calculation / Front Yard Landscape Graphic

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





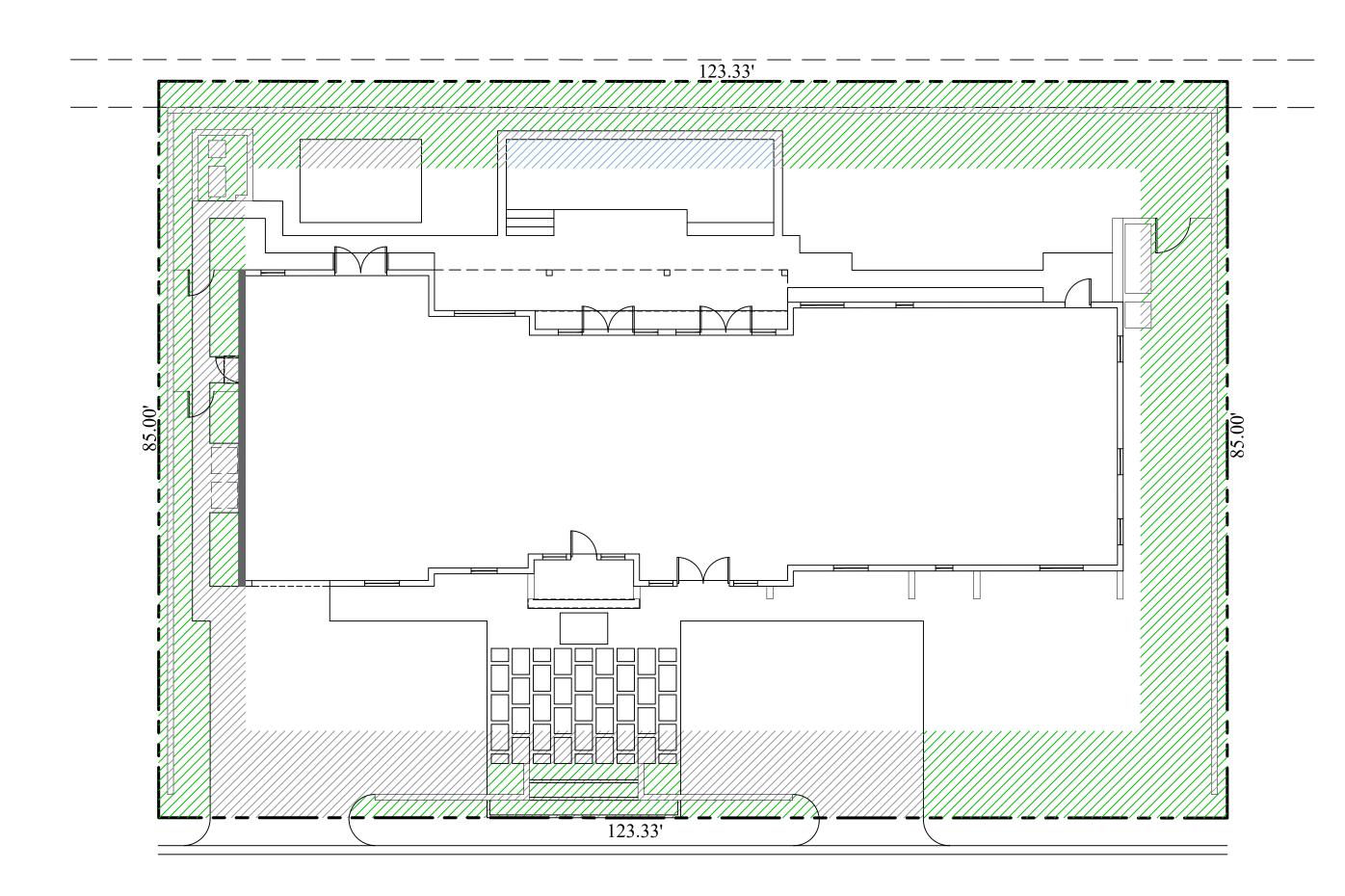




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SHEET L6.3



EL DORADO LANE Existing Open Space Graphic

Existing Site Data

DESCRIPTION	REQUIRED		E)	XISTING
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OPEN / PERMEABLE SPACE	MINIMUM 45%	4,708.35 S.F.	25.6%	2,653 S.F.
FRONT YARD LANDSCAPE	MINIMUM 40% OF FRONT YARD	1,230.8 S.F.	17.7%	547 S.F.
PERIMETER LANDSCAPE WITHIN 10' OF PROPERTY LINE	MINIMUM 50% OF REQ'D OPEN SPACE	2,354 S.F.	45.3%	1,703 S.F.

EL DORADO LANE Proposed Open Space Graphic

Proposed Site Data

•				
DESCRIPTION	REQUIRED		PROPOSED	
LOT ZONE			R-B - LOW DE	ENSITY RESIDENTIAL
LOT AREA	10,000 S.F. N	MINIMUM	10,	463 S.F.
OPEN / PERMEABLE SPACE	MINIMUM 45%	4,708.35 S.F.	45.1%	4,714 S.F.
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DE/IG/I 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

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

EL DORADO LANE

123.33'

Proposed Site Plan

Landscape Alteration Data

TOTAL SITE AREA: 10,463 SQ. FT. EXISTING AREA TO BE ALTERED: 5,908 SQ. FT. (56.5%)

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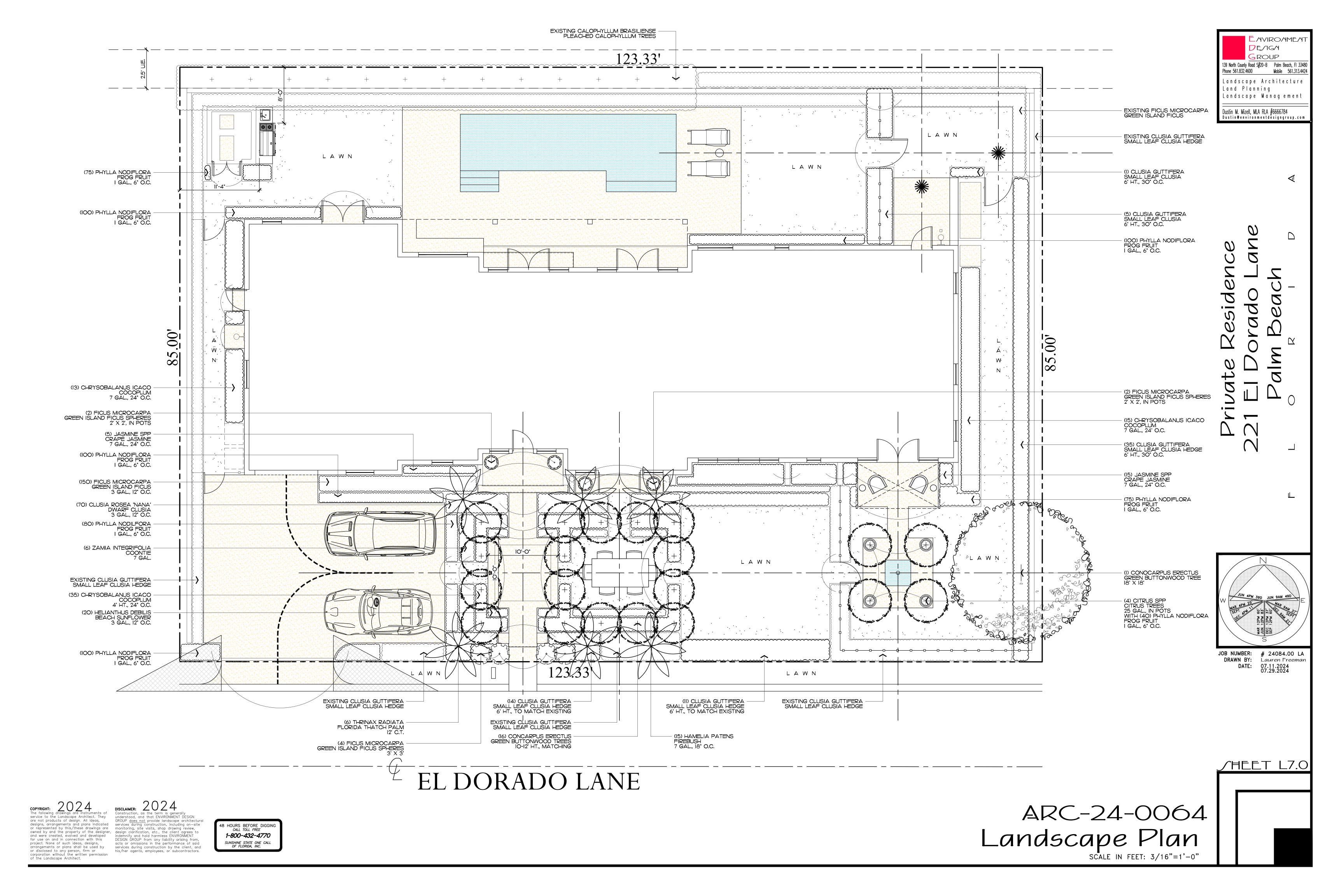
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123.33'

EL DORADO LANE

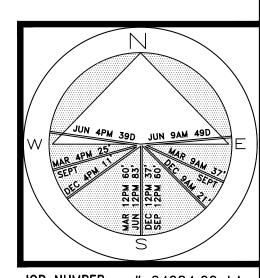
Existing Site Plan





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



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1-800-432-4770

ARC-24-0064 Rendered Landscape Plan SCALE IN FEET: 3/16"=1'-0"

Trees

SYMBOL	PLANT NA	AME	QTY.	DESCRIPTION	NATIVE
+	CITRUS SPP CITRUS TRI CONOCARPL GREEN BUT		4 I I6	25 GAL., IN POTS 18' X 18' 10'-12' HT., MATCHING	NO YES
		TOTAL: NATIVE SPECIES:	21 17 (80.9%)		

Palms

SYMBOL	PLANT NAME	QTY.	DESCRIPTION	NATIVE
	THRINAX RADIATA FLORIDA THATCH PALMS	6	12' C.T., MATCHING	YES

Shrubs & Vines

SYMBOL/KEY	PLANT NAME	QTY.	DESCRIPTION	NATIVE
	CLUSIA GUTTIFERA SMALL LEAF CLUSIA HEDGE	65	6' HT., 30" O.C.	NO
	CHRYSOBALANUS ICACO COCOPLUM	35 28	4' HT., 24" O.C. 7 GAL., 24" O.C.	YES
	FICUS MICROCARPA GREEN ISLAND FICUS SPHERES	4 4	2' X 2', IN POTS 3' X 3'	NO
	HAMELIA PATENS FIREBUSH	15	7 GAL., 18" O.C.	YES
	JASMINE SPP CRAPE JASMINE	20	7 GAL., 24" O.C.	NO
	ZAMIA INTEGRIFOLIA COONTIE	6	7 GAL.	YES

84 (47.5%)

Groundcovers

SYMBOL/KEY	PLANT NA	AME	QTY.	DESCRIPTION	NATIVE
	CLUSIA ROS DWARF CLI		70	3 GAL., 12" O.C.	YES
	FICUS MICR GREEN ISLA		150	3 GAL., 12" O.C.	NO
	HELIANTHUS BEACH SUI	_	20	I GAL., 12" O.C.	YES
	PHYLLA NOE FROG FRU		670	1 GAL. 12" O.C.	YES
		TOTAL: NATIVE SPECIES:	910 760 (83.5%)		

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



Town of Palm Beach

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

Landscape Legend				
Property Address:	221 EL DORADO LANE			
Lot Area (sq. ft.):	10,463 SQ. FT.			
	REQUIRED	PROPOSED		
Landscape Open Space (LOS) (Sq Ft and %)	4,708.35 S.F. (MIN. 45%)	4,714 S.F. (45.1%)		
LOS to be altered (Sq FT and %)	N/A	5,908 S.F. (56.5%)		
Perimeter LOS (Sq Ft and %)	2,354 S.F. (MIN 50% LOS)	2,774 S.F. (73.7%)		
Front Yard LOS (Sq Ft and %)	1,230.8 S.F. (MIN 40%)	1,949 S.F. (63.3%)		
Native Trees %	30% (number of trees)	80.9% (I7 NATIVE TREES)		
Native Shrubs & Vines %	30% (number of shrubs & vines)	47.5% (84 NATIVE SHRUBS)		
Native Groundcover %	30% (groundcover area)	83.5% (200 S.F. NATIVE G.C.)		

ARC-24-0064 Plant Schedule

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

JOB NUMBER: # 24084.00 LA
DRAWN BY: Lauren Freeman

DATE: 07.11.2024
07.29.2024

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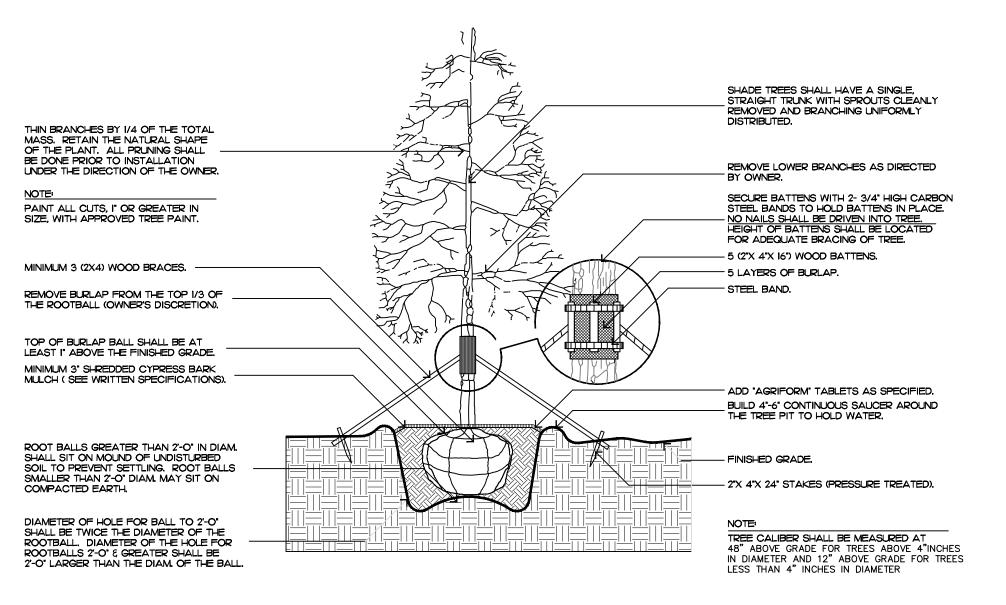
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TOTAL:

NATIVE SPECIES:

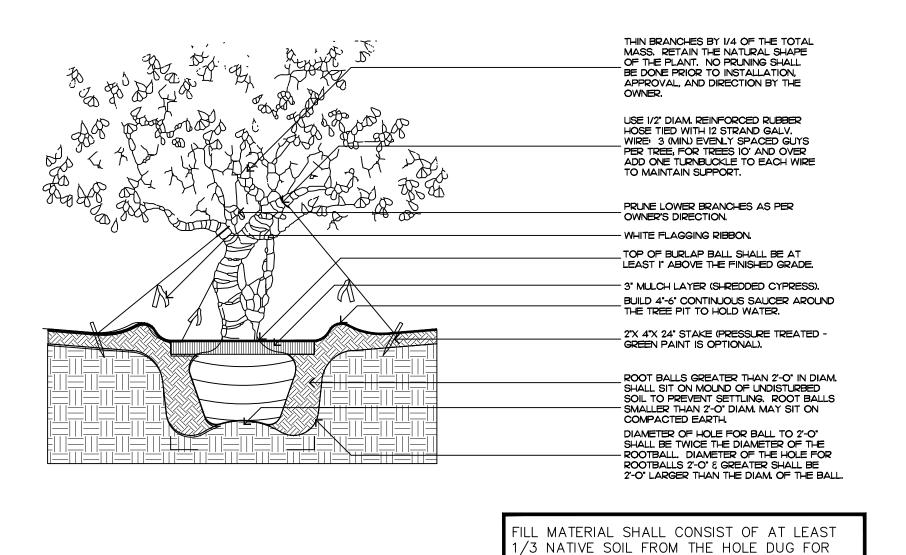


tree planting

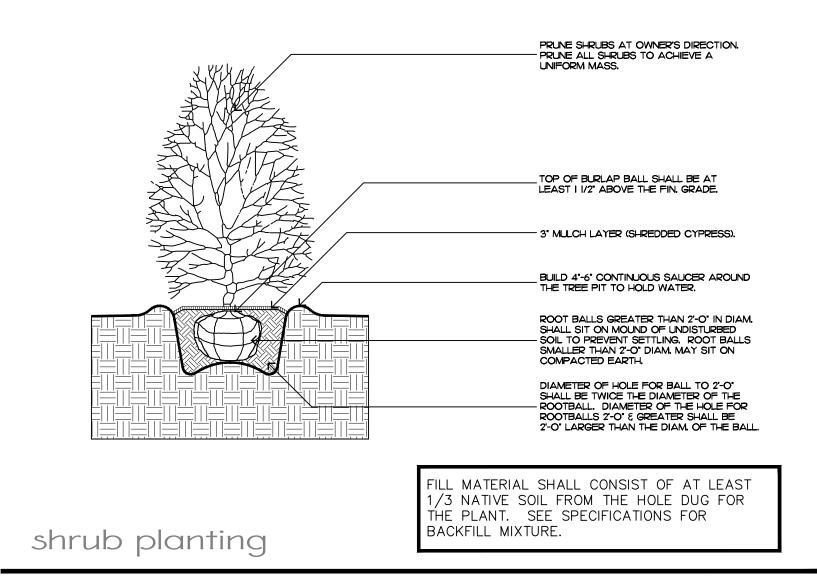
MATERIAL SHALL CONSIST OF AT LEAST /3 NATIVE SOIL FROM THE HOLE DUG FOR THE PLANT. SEE SPECIFICATIONS FOR BACKFILL MIXTURE.

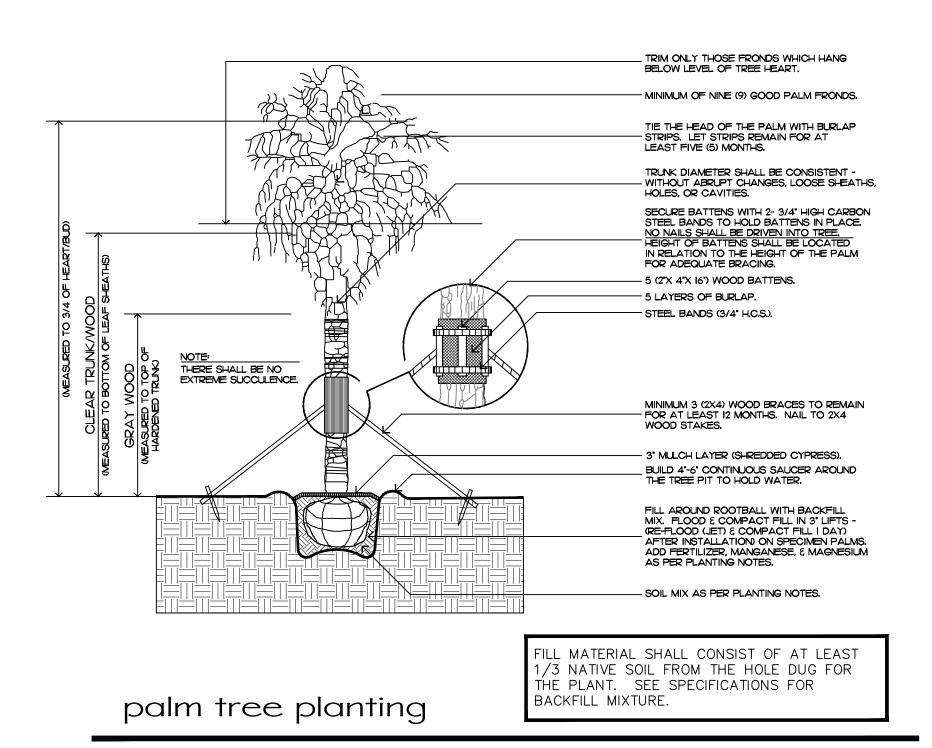
THE PLANT. SEE SPECIFICATIONS FOR

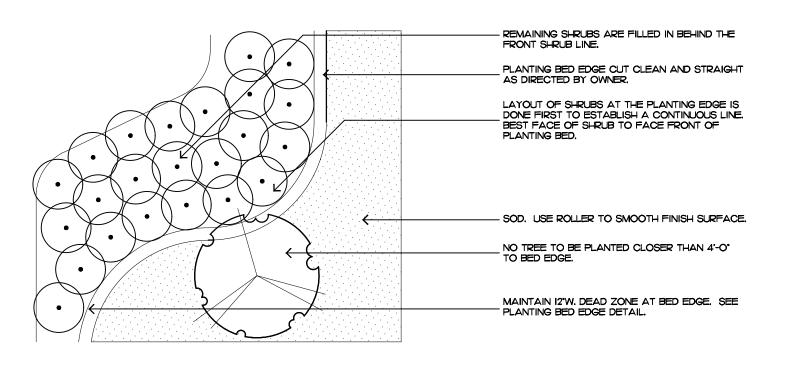
BACKFILL MIXTURE.



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

/OD:

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.

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

CLEAR TRUNK (C.T.) - SHALL BE MEASURED FROM THE GROUND AT TIME OF INSTALLATION

INSTALLATION TO THE AVERAGE FROND HEIGHT.

PALMS WITH MARRED OR BURNED TRUNKS WILL NOT BE ACCEPTED.

PLANTING / OIL 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:

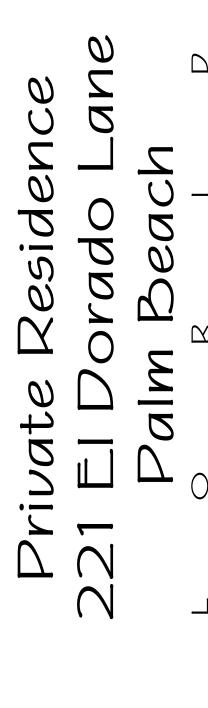
PLANT MATERIAL.

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-24-0064 Planting Details & Specifications



AVIROMMEN'

Mobile 561.313.4424

DE/IG/I

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Landscape Architecture

Landscape Management

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Phone 561.832.4600

Land Planning

ROUP

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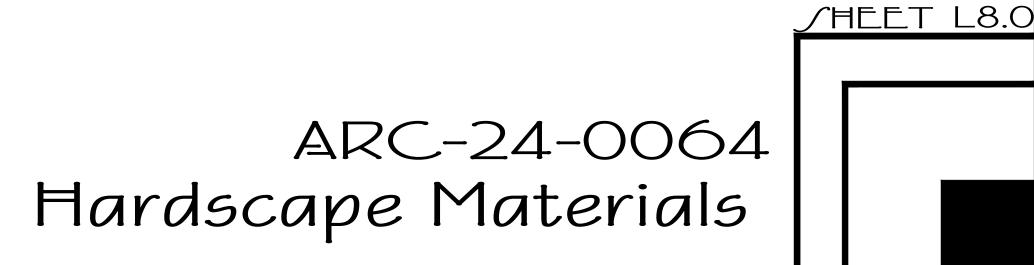
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Front Terrace, Path, Landings Steps, & Pool Deck

* ACID WASH CAST STONE - COLOR TO MATCH EXISTING DRIVEWAY

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