

Scope of Work

- * Removal of artificial turf
- * Revision to Site Calculations
- * Proposed Understory Plantings



Private Residence 266 Orange Grove Palm Beach

F L O R I D A

First Submittal Application #: ZON-22-143

Date of Presentation: 10.19.22

ARC-22-188

Date of Presentation: 10.26.22

Sheet Index

Cover Sheet Survey

L1.0 - Existing General Site Photos

L1.1 - Existing General Site Photos

L2.0 - Zoning Legend/

Existing Vegetation Inventory & Action Plan

L3.0 - Demolition and Vegetation Action Plan

L4.0 - Site Plan

L4.0a - Previously Approved Site Plans

L4.1 - Site Calculation/Lot Coverage Graphics

L5.0 - Landscape Plan

L5.1 - Rendered Landscape Plan

L5.2 - Rendered North Elevation/Plant Material

L5.3 - Plant Schedule

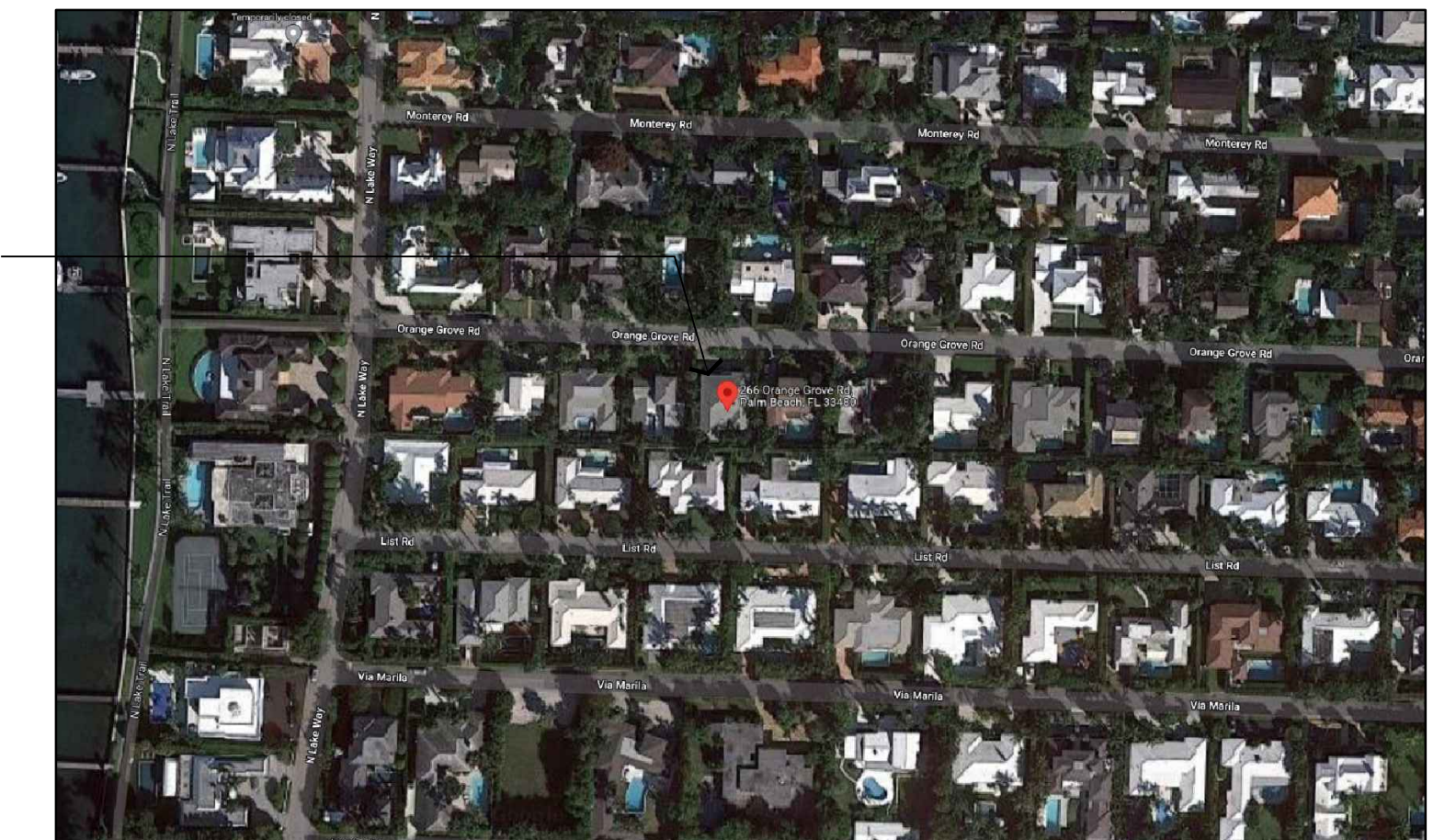
L5.4 - Planting Details & Specifications

C-1 - Drainage Plan (Previously Submitted)

Design Team/Consultants

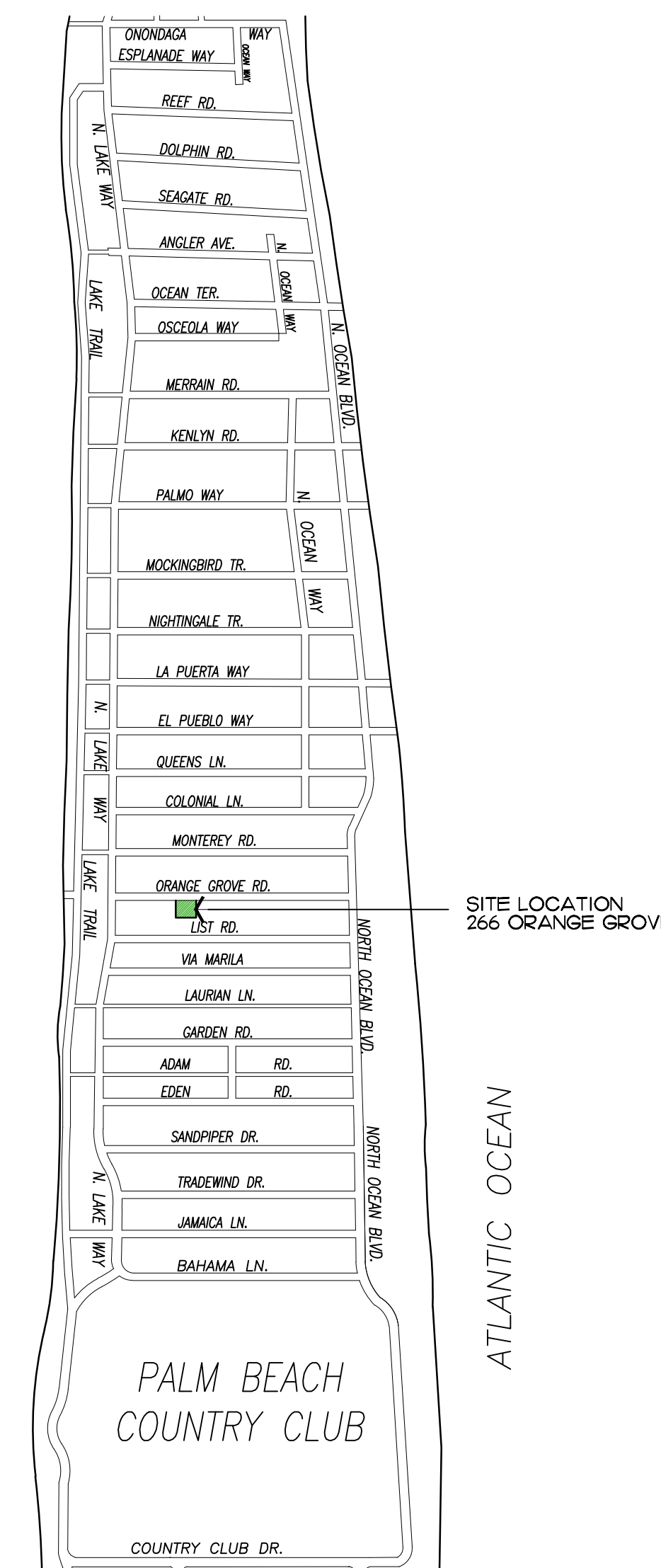
Landscape Architects
ENVIRONMENT DESIGN GROUP
139 NORTH COUNTY ROAD SUITE 20B
PALM BEACH, FL 33480
561.832.4600
WWW.ENVIRONMENTDESIGNGROUP.COM

SITE LOCATION
266 ORANGE GROVE



Location Plan

Not to Scale



RECEIVED

By yfigueroa at 12:33 pm, Sep 12, 2022

Vicinity Map

Not to Scale



Streetscape (North Facade)



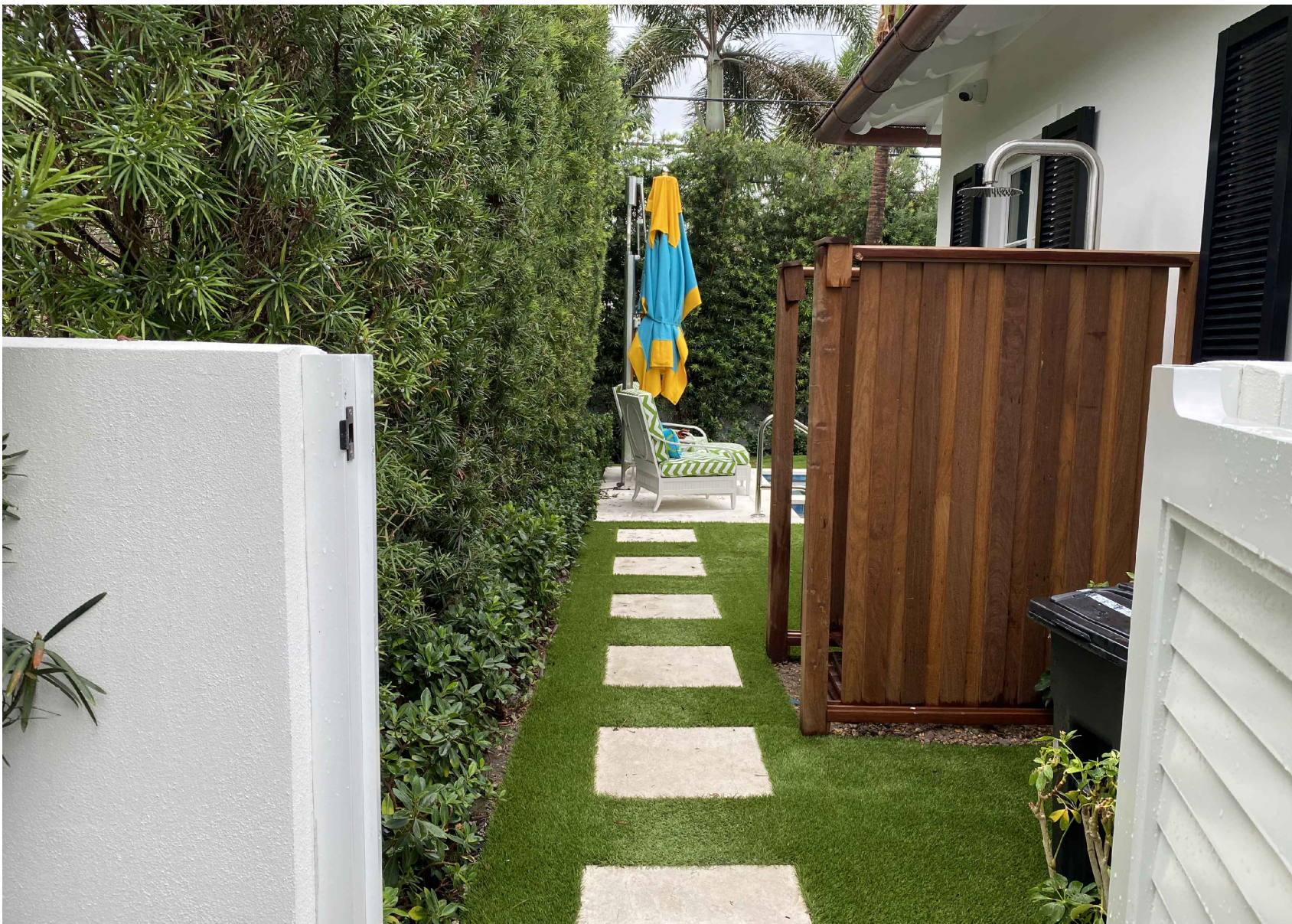
Northeast Corner of House



Northwest Corner of House



East Walkway looking South



East Walkway looking South



Pool Garden looking West



Pool Garden looking East



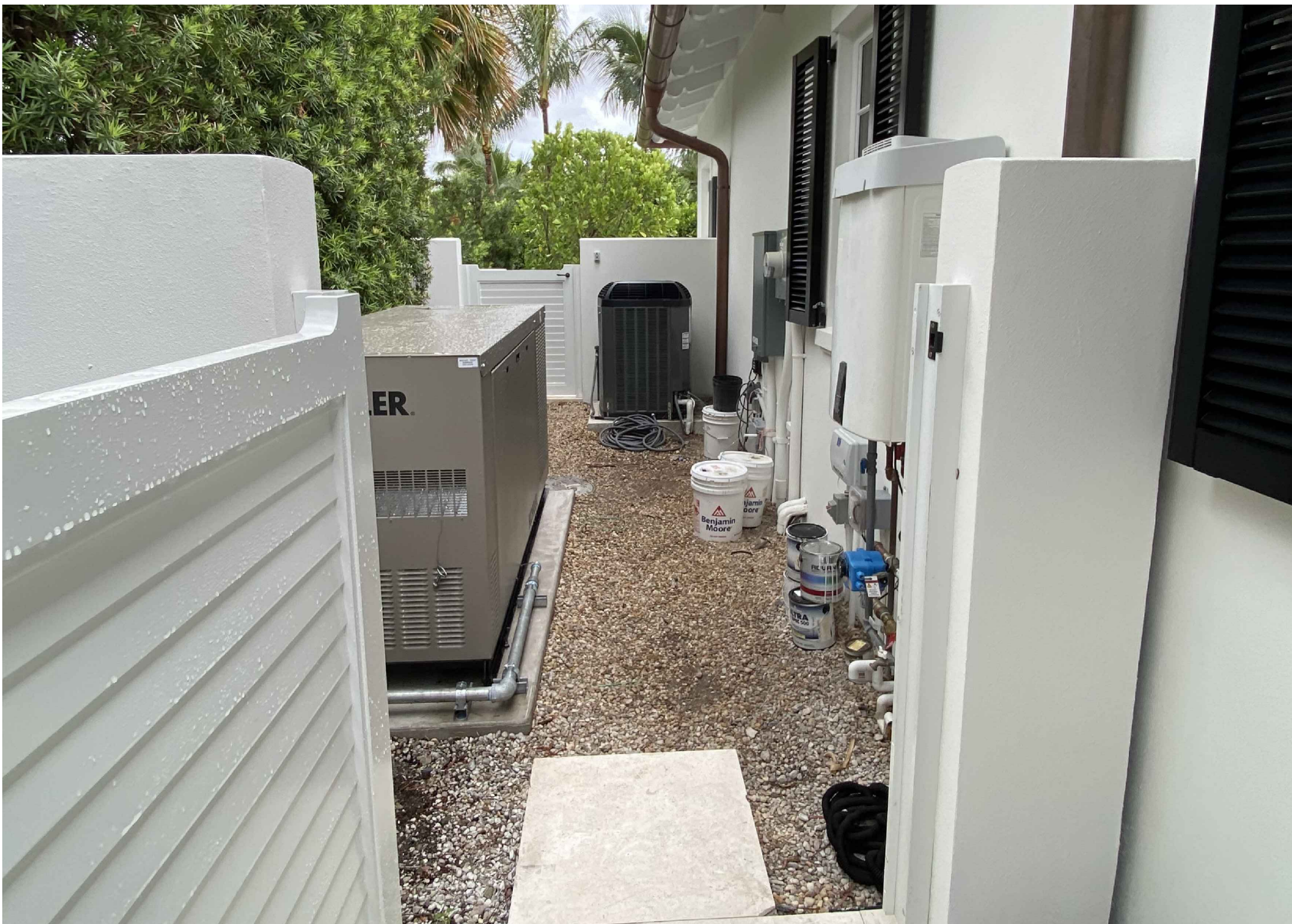
Existing Loggias



Outdoor Kitchen looking East



West Walkway looking North



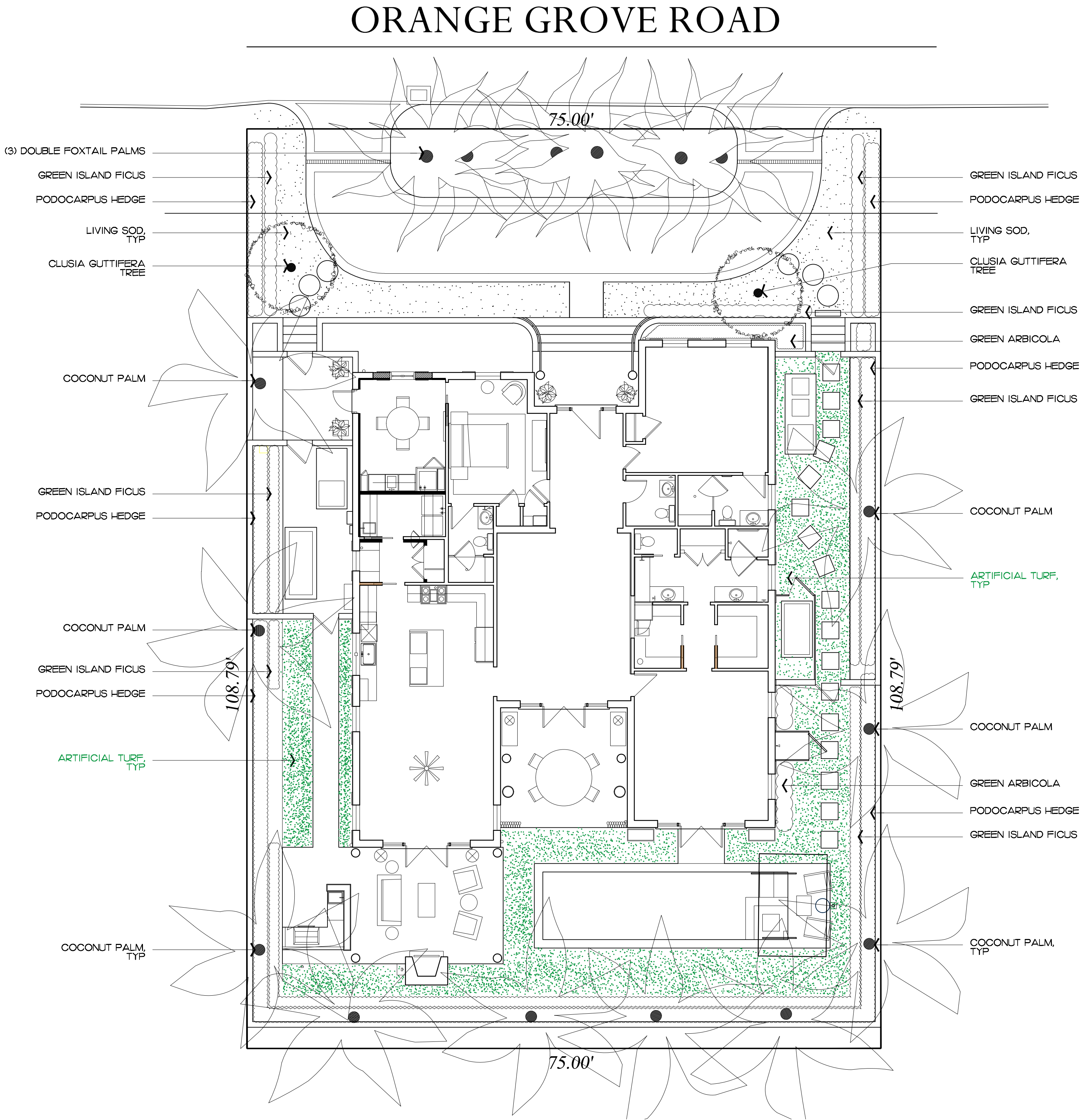
West Walkway looking North



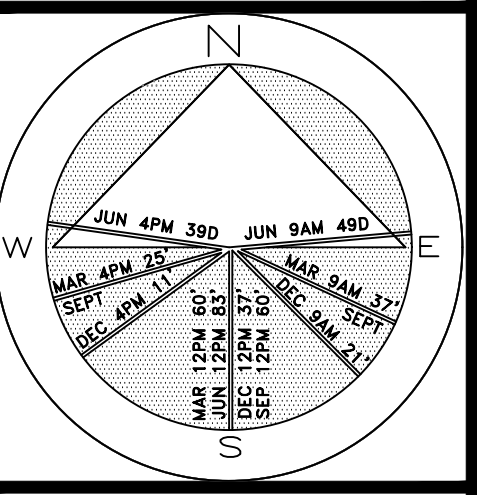
Guest Terrace looking South

Zoning Legend

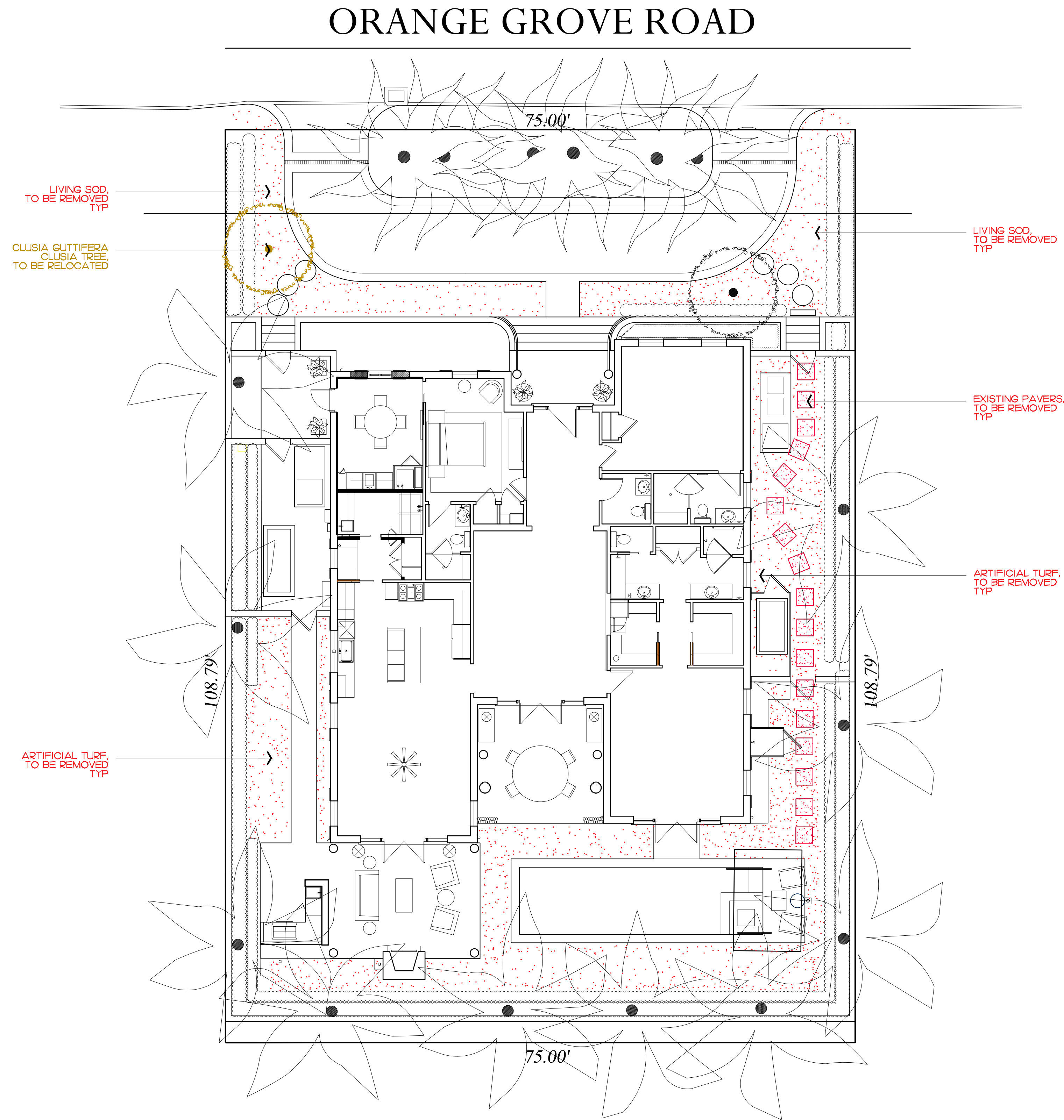
Property Address:	266 Orange Grove		
Zoning District:	RB		
Structure Type:	1-story, Single Family		
	Required/Allowed	Existing	Proposed
Lot Size:		8,160 /F	8,160 /F
Lot Depth:		108.79 FT	108.79 FT
Lot Width:		75 FT	75 FT
Lot Coverage:	45 %	25.63 %	38.75 %
Front Yard Setback:	N/A	N/A	N/A
Side Yard Setback (1st story):	N/A	N/A	N/A
Side Yard Setback (2nd story):	N/A	N/A	N/A
Rear Yard Setback:	N/A	N/A	N/A
Angle of Vision:	N/A	N/A	N/A
Building Height:	N/A	N/A	N/A
Overall Building Height:	N/A	N/A	N/A
Finish Floor Elevation (FFE) (NAVD):	N/A	N/A	N/A
Zero Datum for Pt of Measurement:	N/A	N/A	N/A
Base Flood Elevation (BFE) (NAVD):	N/A	N/A	N/A
Landscape Open Space (LOS):	3,672 /F 45 %	2,070 /F 25.63 %	3,160 /F 38.75 %
Perimeter LOS:	1,836 /F 50 %	1,477 /F 40.22%	2,292 /F 62.42%
Front Yard LOS:	755 /F 40%	986 /F 52.22%	1,008 /F 53.38%
Native Plant Species Percentage:	35 %	N/A	45.68 %



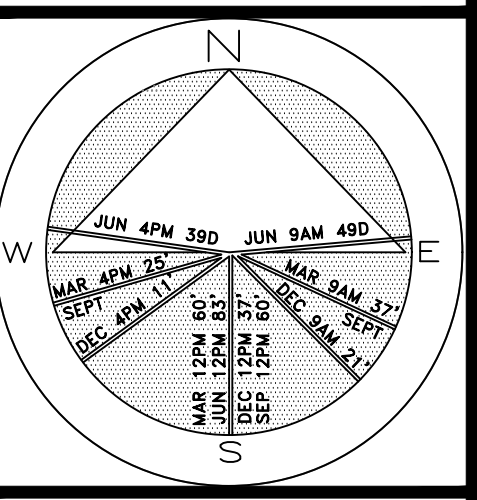
Private Residence
266 Orange Grove
Palm Beach



JOB NUMBER: # 22125.00 LA
DRAWN BY: Adam Mills
DATE: 07.12.2022
08.08.2022
08.29.2022



Private Residence
266 Orange Grove
Palm Beach



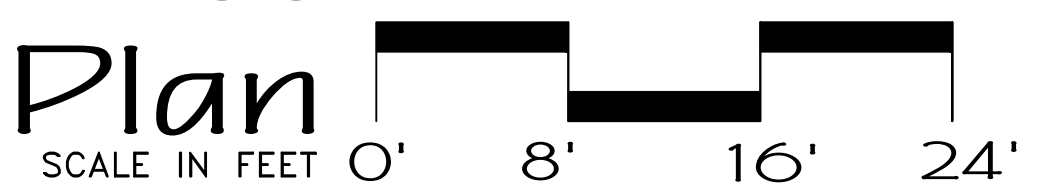
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ZON -22-143
ARC -22-188
Demolition and Vegetation Action Plan



SHEET L3.0
64 sf.
AREA IN SQ.FT.

Site Data Requirements

DESCRIPTION	REQUIRED		EXISTING		PROPOSED	
LOT ZONE			R-B - LOW DENSITY RESIDENTIAL		R-B - LOW DENSITY RESIDENTIAL	
LOT AREA	10,000 S.F. MINIMUM		8,160 S.F.		8,160 S.F.	
OPEN / PERMEABLE SPACE	MINIMUM 45%	3,672 S.F.	27.09%	2,211 S.F.	38%	3,160 S.F.
FRONT YARD LANDSCAPE	MINIMUM 40% OF FRONT YARD	755 S.F.	52.22%	986 S.F.	53.38%	1,008 S.F.
PERIMETER LANDSCAPE WITHIN 10' OF PROPERTY LINE	MINIMUM 50% OF REQ'D OPEN SPACE	1,836 S.F.	40.22%	1,477 S.F.	62.42%	2,292 S.F.

ENVIRONMENT
DESIGN
GROUP

139 North County Road 5920-8 Palm Beach, FL 33480

Phone: 561.832.4600 Mobile: 561.313.4424

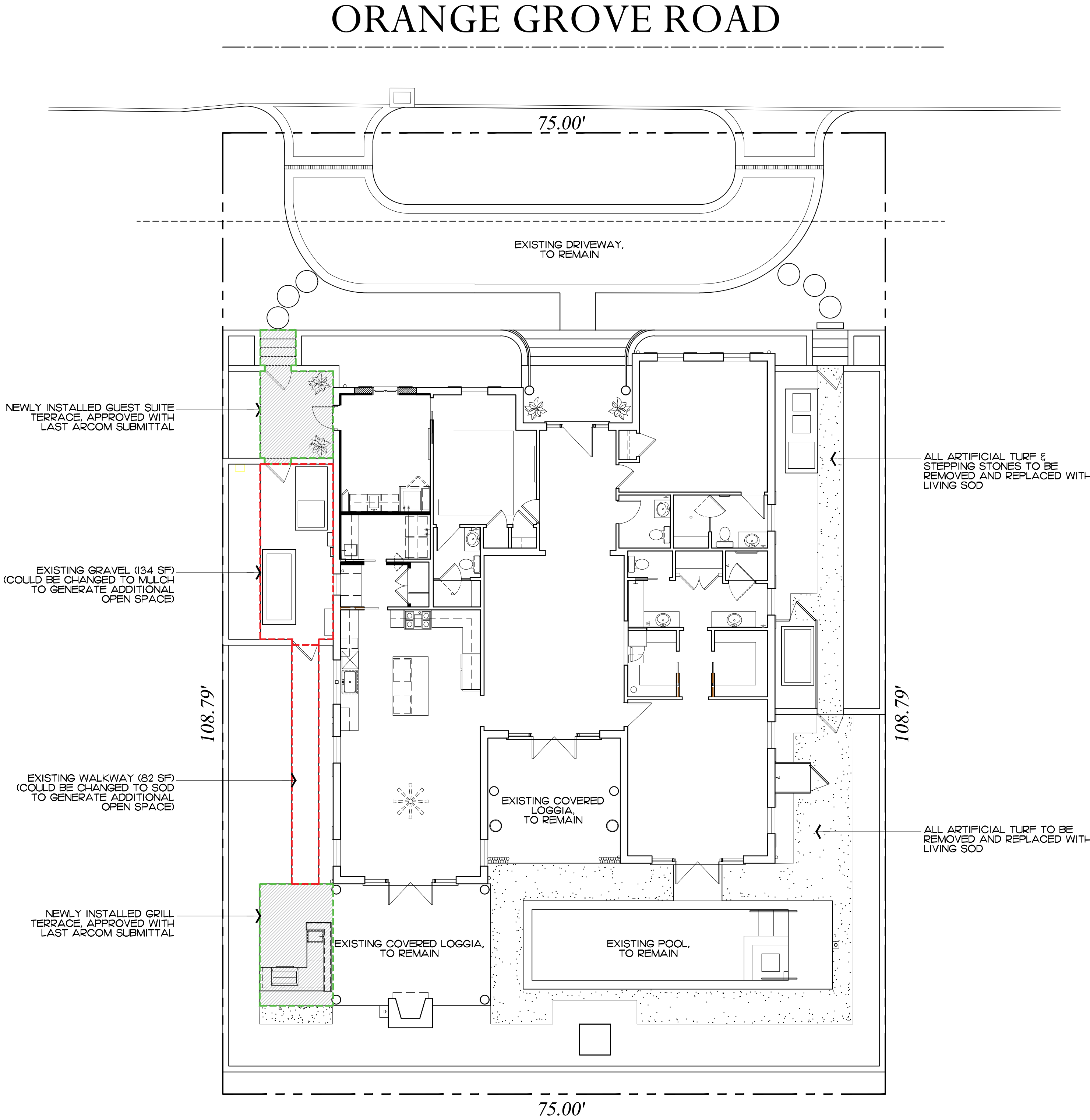
Landscape Architecture

Land Planning

Landscape Management

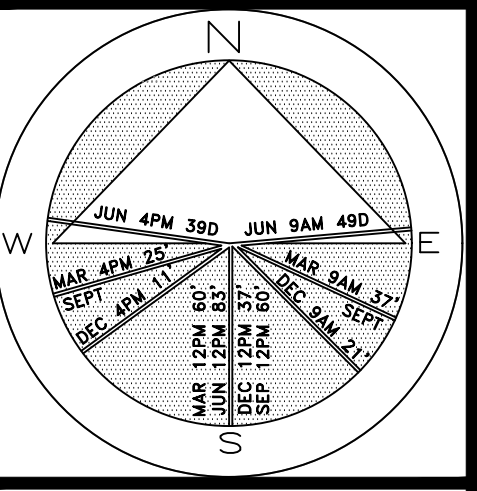
Dustin M. Mizell, M.L.A. P.L.A. #6666784

Dustin@environmentdesigngroup.com



Currently Proposed Site Plan

Private Residence
266 Orange Grove
Palm Beach



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ZON -22-143

ARC -22-188

Site Plan

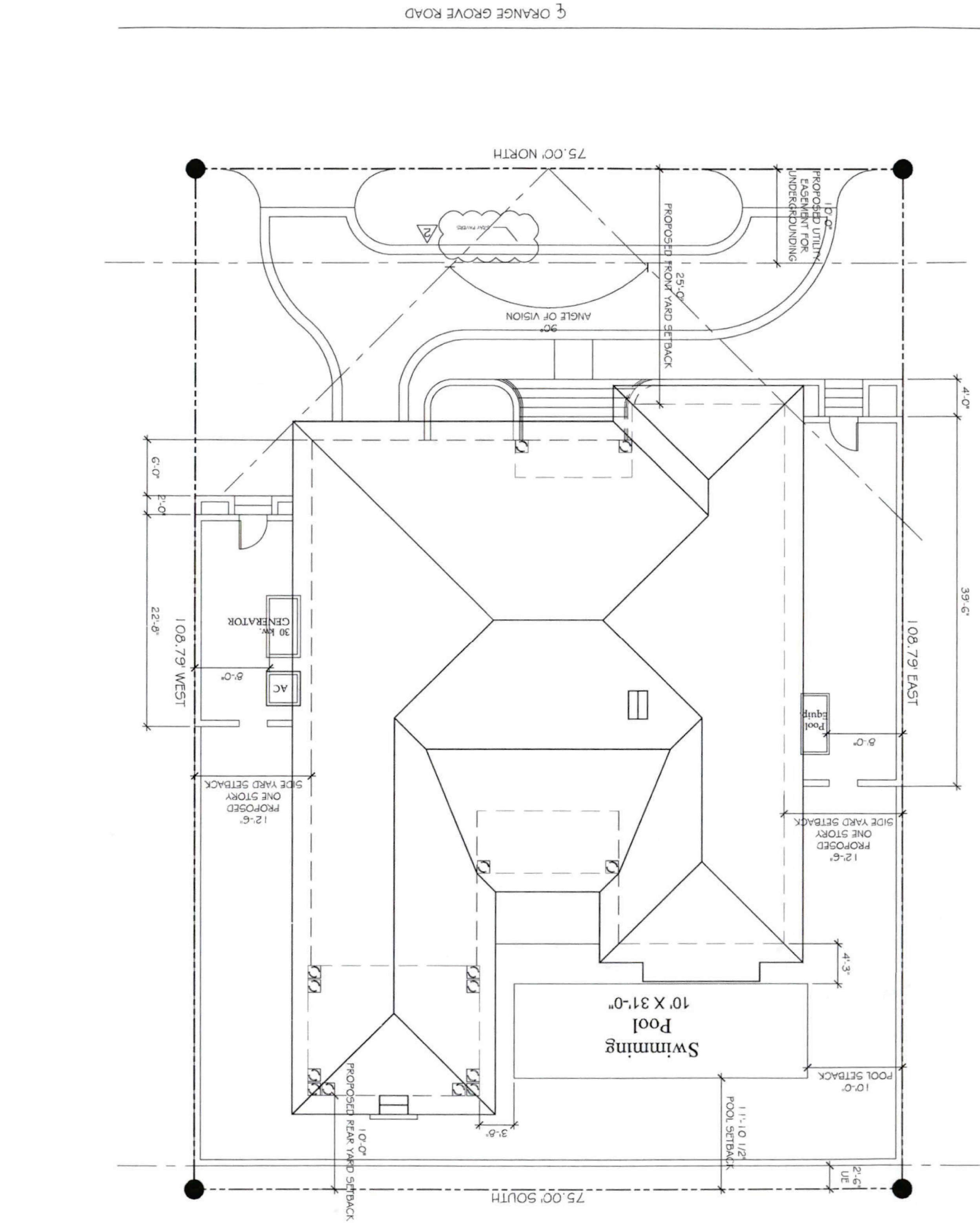
SCALE IN FEET

0' 8' 16' 24'

SHEET L4.0

64 sf.

AREA IN SQ.FT.

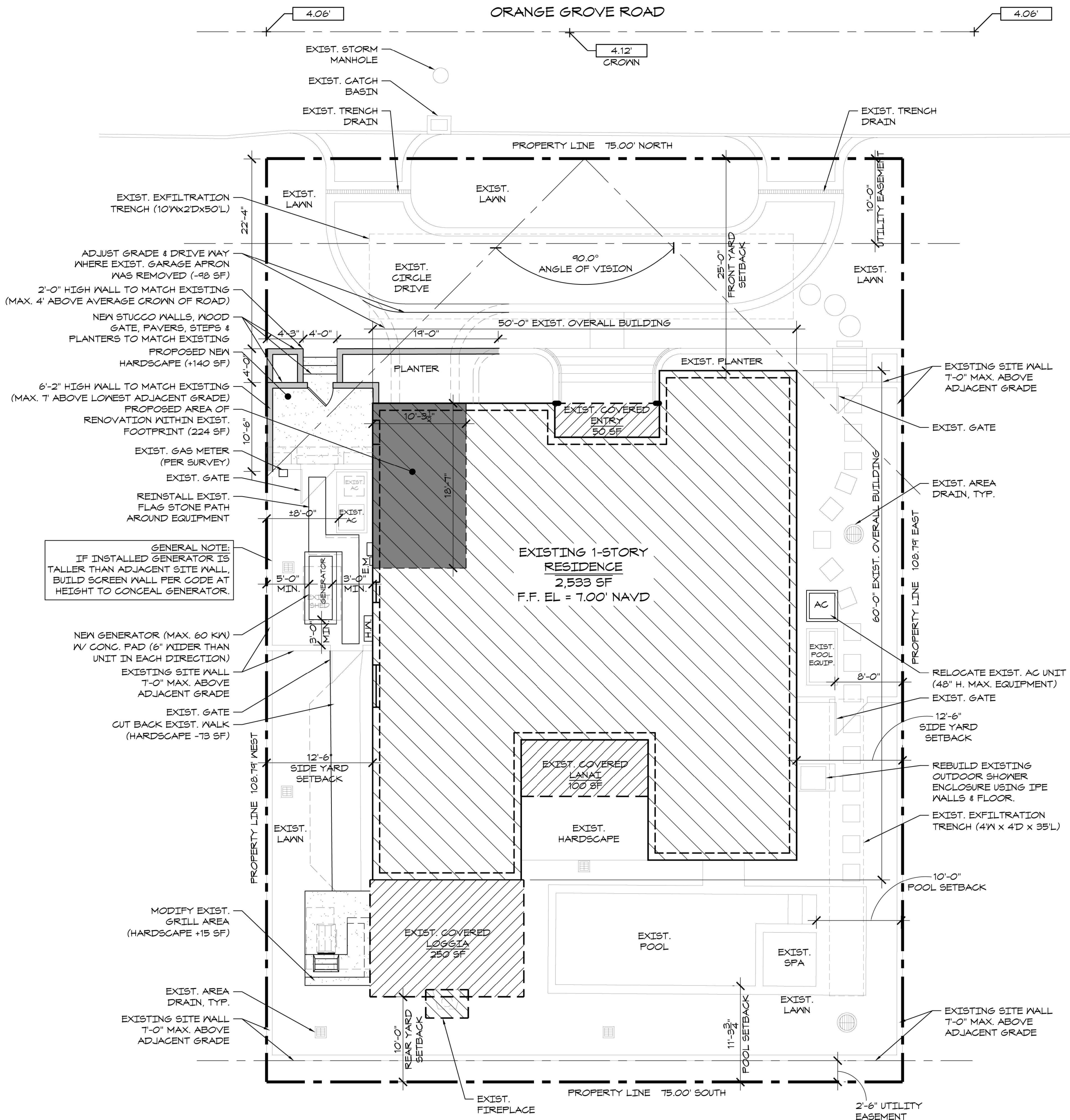


Previously Approved Site Plan

B-102-2017
Z-17-00051

SITE CALCULATIONS- RB Zoning District			
EXISTING	PROPOSED	EXISTING	PROPOSED
LOT AREA	10,000 SF	8,146.00 SF	8,146.00 SF
LOT WIDTH	100 FT	75.00' NORTH, 75.00' SOUTH	75.00' NORTH, 75.00' SOUTH
LOT DEPTH	100 FT	108.79' WEST, 108.79' EAST	108.79' WEST, 108.79' EAST
FRONT YARD SETBACK	25.0'	25.0'	25.0'
SIDE YARD SETBACK	12.5' (11.5' @ 120)	9.5' N, 11.0' E	12.5', 12.5'
REAR YARD SETBACK	10.0' (11.5' @ 120)	44.5'	10.0'
REAR YARD SETBACK	14.0' (11.5' @ 120)	11.0'	10.0'
ANGLE OF VISION	100.00 DEG. MAX.	90.00 DEG.	90.00 DEG.
LOT COVERAGE	40% MAX. (11.30% MAX. 25)	36.10% (12.84% AT 5' F)	35.97% (12.84% AT 5' F)
LANDSCAPED OPEN SPACE	40% MAX. (27' @ 100.00' = 3,271.00 SF)	45.71% (2,788.58 SF)	45.71% (2,788.58 SF)
FRONT YARD LANDSCAPE	40% (1,275.00 SF)	53.90% (1,211.12 SF)	53.90% (1,211.12 SF)
PERMETER LANDSCAPE	50% of Total Perimeter Open Space (1,455.00 SF)	79.83% (1,812.41 SF)	79.83% (1,812.41 SF)

Chart lists proposed open space as 45.71% Open Space



Previously Approved Site Plan

A-019-2019
Z-21-00389

TOTAL LOT COVERAGE			
2,934.75 SF COVERAGE / 8,136 SF TOTAL PARCEL	40% MAX. ALLOWED (3,262.4 SF)	35.97% EXISTING (2,934.75 SF)	NO CHANGE
LANDSCAPED OPEN SPACE			
4,483 SF OPEN / 8,136 SF TOTAL PARCEL	45% MIN. REQUIRED (3,671.66 SF)	45.71% EXISTING (3,729.38 SF)	45% PROPOSED (3,673.58 SF)
FRONT YARD LANDSCAPED OPEN SPACE			
937.025 SF LAND. OPEN SPACE / 1,874.5 TOTAL FRONT YARD	40% REQUIRED (749.8 SF)	53.96% EXISTING (1,011.12 SF)	55.7 PROPOSED (1,044.37 SF)

Chart lists proposed open space as 45.00% Open Space

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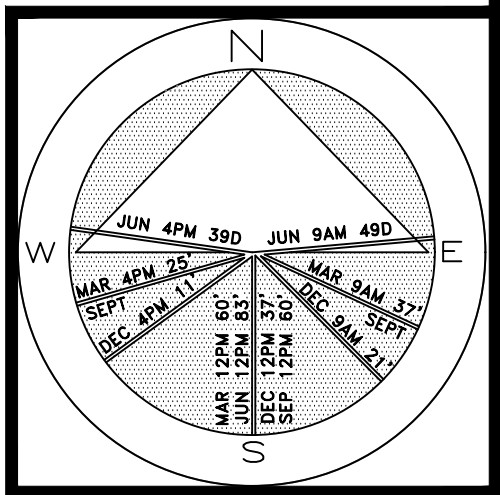
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ZON -22-143
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Previously Approved Site Plans

SCALE IN FEET 0' 8' 16' 24'

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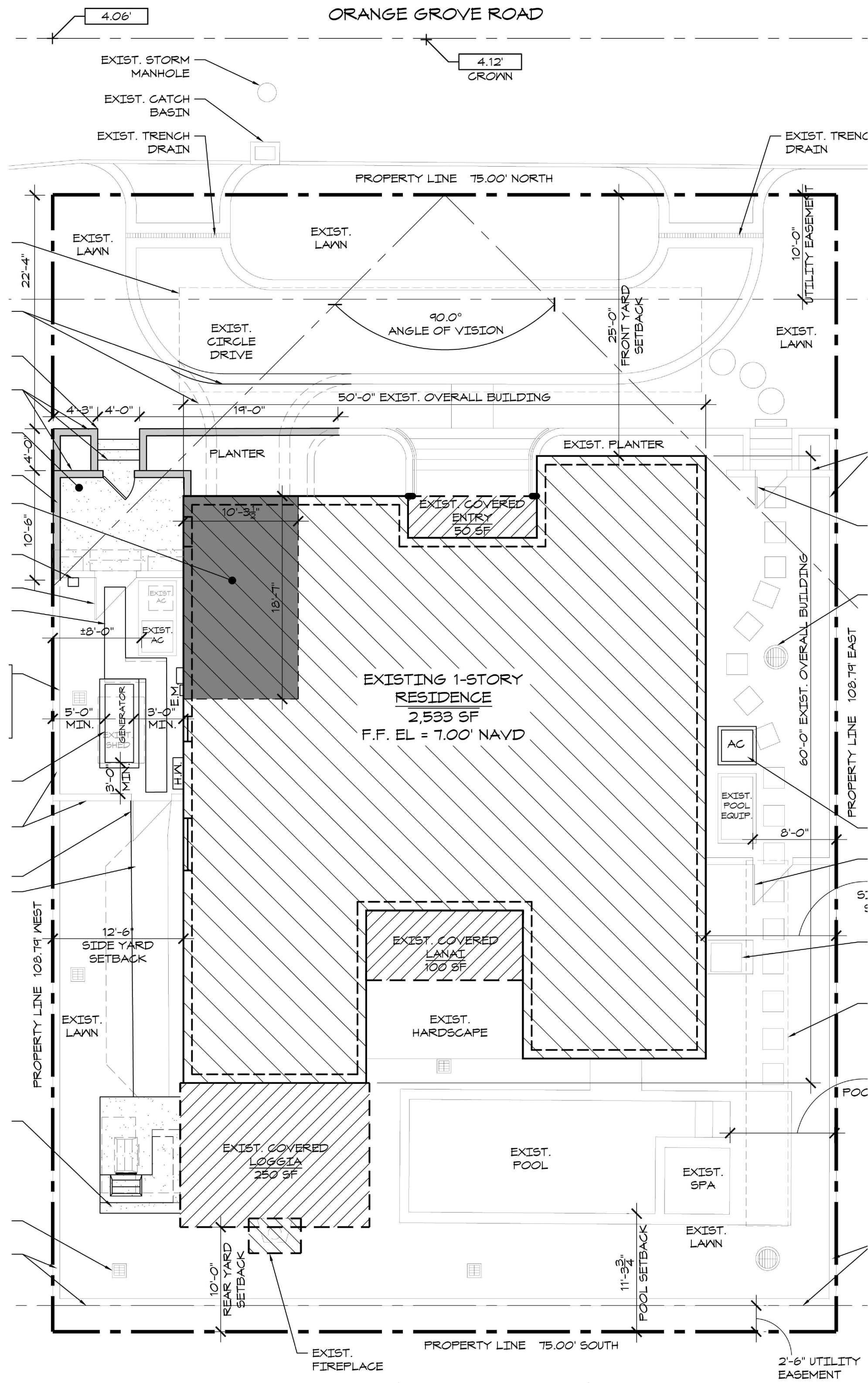
SHEET L4.0a

64 sf.

AREA IN SQ. FT.

TOTAL LOT COVERAGE			
2,934.75 SF COVERAGE / 8,156 SF TOTAL PARCEL	40% MAX. ALLOWED (3,262.4 SF)	35.97% EXISTING (2,934.75 SF)	NO CHANGE
LANDSCAPED OPEN SPACE			
4,483 SF OPEN / 8,156 SF TOTAL PARCEL	45% MIN. REQUIRED (3,671.66 SF)	45.71% EXISTING (3,729.58 SF)	45% PROPOSED (3,673.58 SF)
FRONT YARD LANDSCAPED OPEN SPACE			
937.025 SF LAND, OPEN SPACE 1,074.5 TOTAL FRONT YARD	40% REQUIRED (749.8 SF)	53.96% EXISTING (1,011.12 SF)	55.7 PROPOSED (1,044.37 SF)

Previously Approved Site Data



Previously Approved Site Plan

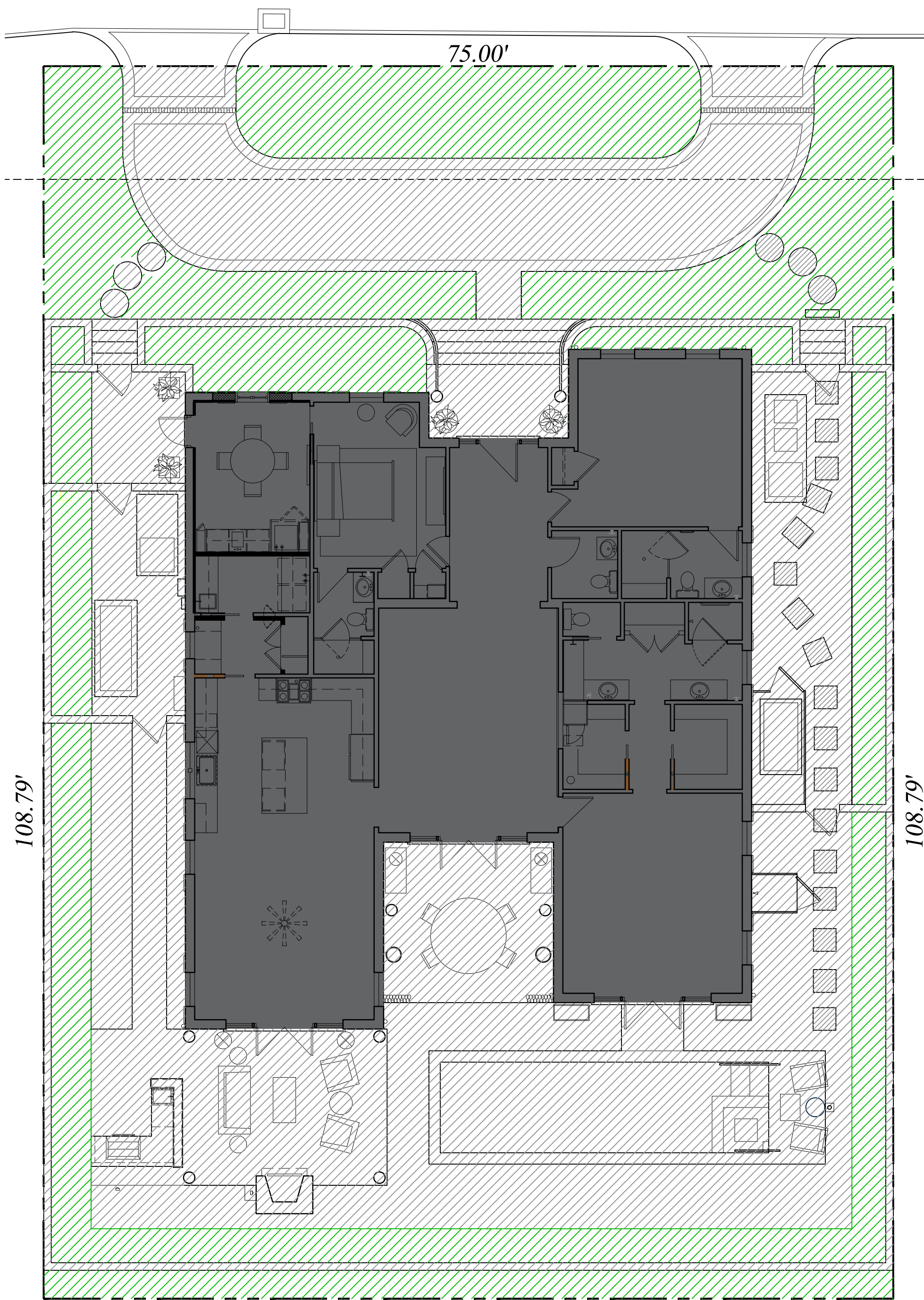
Site Data Requirements

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Legend

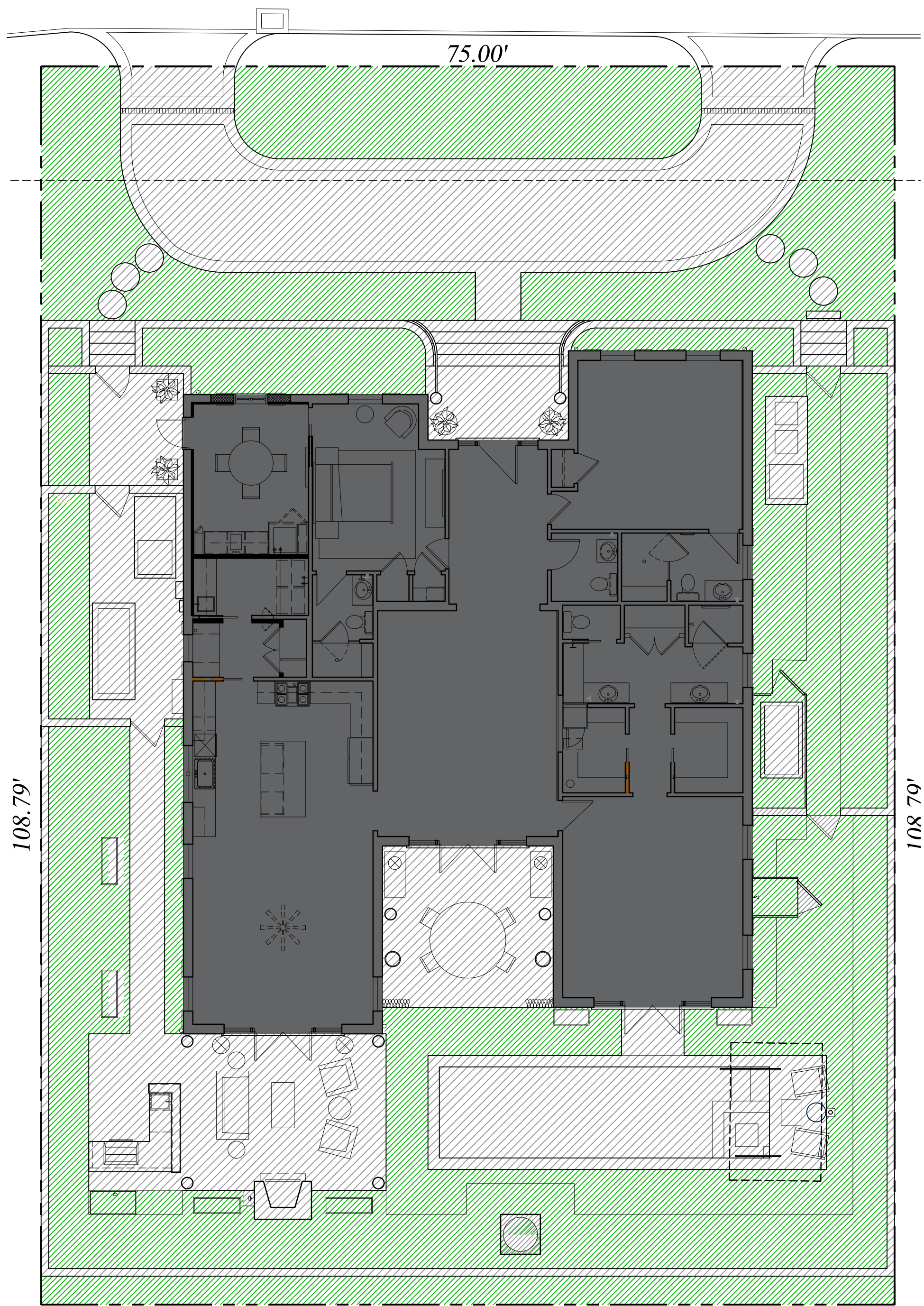
- IMPERVIOUS AREA (HOUSE/STRUCTURE)
- IMPERVIOUS AREA (HARDSCAPE)
- PERVIOUS AREA / OPEN SPACE

ORANGE GROVE ROAD



Existing Open Space Site Plan

ORANGE GROVE ROAD



Proposed Open Space Site Plan

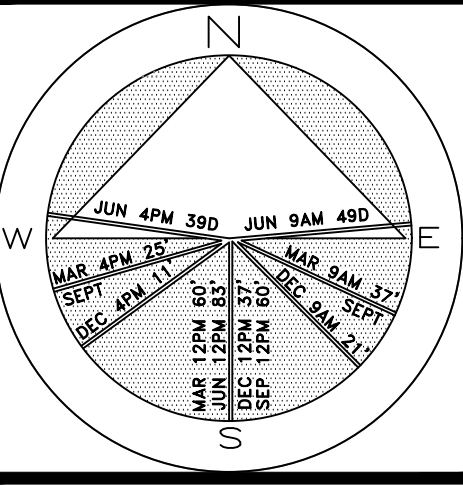
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Site Calculation/Lot Coverage Graphics



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SHEET L4.1

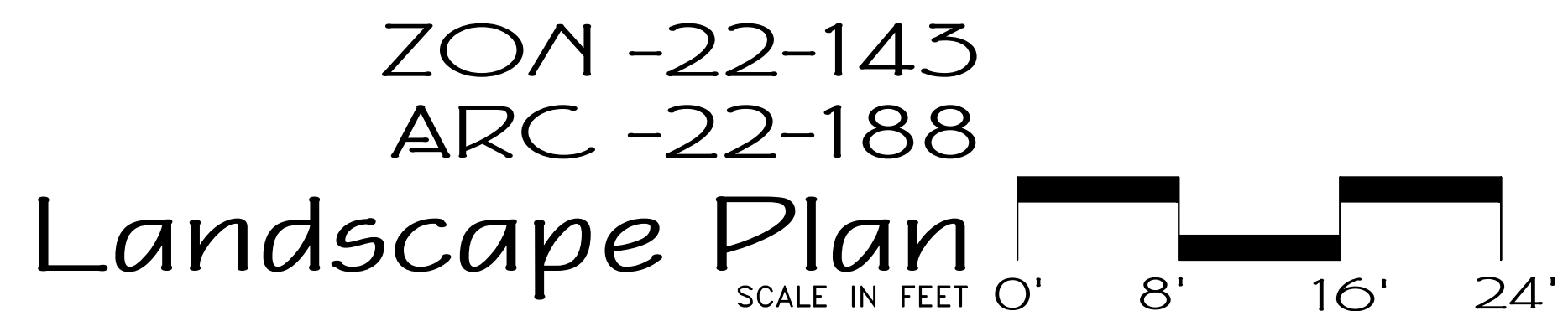
2022
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64 sq. ft.
AREA IN SQ. FT.

SHEET L5.0



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64 sf.

AREA IN SQ.FT.



Private Residence
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Palm Beach

F L O R I D A



Agave Americana
Blue Agave



Begonia 'White' Copper Leaf
Copperleaf White Begonia



Chrysobalanus icaco var. horizontal
Horizontal Green cocoplum



Podocarpus macrophyllus
Podocarpus Hedge



Schefflera arboricola
Green arboricola/schefflera



Serenoa repens
Silver/saw Palmetto



Yucca species
Yucca



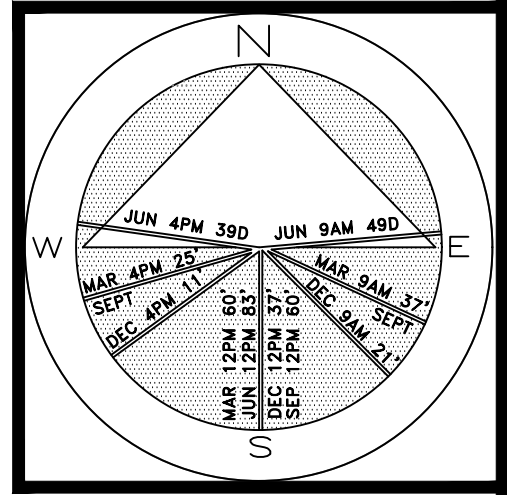
Phyla nodiflora
Frog Fruit



Trachelospermum asiatica 'minima'
Confederate Jasmine Minima



Clusia guttifer Tree
Small leaf Clusia Tree



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Sean Twomey
DATE: 09.09.2022

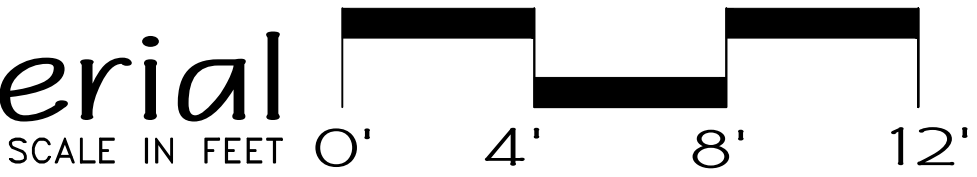
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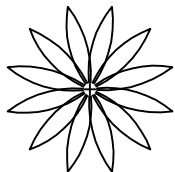


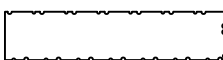



ZON -22-143
ARC -22-188
Rendered North Elevation/Plant Material





16 sf.

AREA IN SQ.FT.

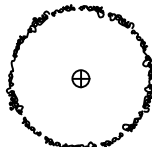
Shrubs

SYMBOL/KEY	PLANT NAME	QTY.	DESCRIPTION	NATIVE
	AGAVE AMERICANA BLUE AGAVE	8	7 GAL, MATCHING	***
	BEGONIA 'WHITE' COPPER LEAF COPPERLEAF WHITE BEGONIA	38	1 GAL	
	CHRYSOBALANUS ICACO VAR. HORIZONTAL HORIZONTAL GREEN COCOPLUM	100	3 GAL, 18" OC	
	PODOCARPUS MACROPHYLLUS PODOCARPUS HEDGE	4	10' OA, FTB	
	SCHEFFLERA ARBICOLA GREEN ARBICOLA/SCHEFFLERA	35	3 GAL, 24" OC	***
	SERENOA REPENS SILVER SAW PALMETTO	2	25 GAL, 4'-5' OA	
	YUCCA SPECIES YUCCA	17	7 GAL	

Groundcovers & Vines

SYMBOL/KEY	PLANT NAME	QTY.	DESCRIPTION	NATIVE
	PHYLA NODIFLORA FROG FRUIT	335	1 GAL, 12" OC	***
	TRACHELOSPERMUM ASIATICA 'MINIMA' CONFEDERATE JASMINE MINIMA	475	1 GAL, 12" OC	

Relocations

SYMBOL/KEY	PLANT NAME	QTY.	DESCRIPTION
	CLUSIA GUTTIFERA TREE SMALL LEAF CLUSIA TREE	1	RELOCATED FROM ON SITE

Native Landscape Legend

PROPERTY ADDRESS:	266 ORANGE GROVE	
	REQUIRED	PROPOSED
NATIVE TREES %	N/A	N/A
NATIVE PALMS %	N/A	N/A
NATIVE SHRUBS %	71 (35%)	102 (50.00%)
NATIVE VINES / GROUND COVER %	284 (35%)	335 (41.35%)

Lawn & Mulch

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

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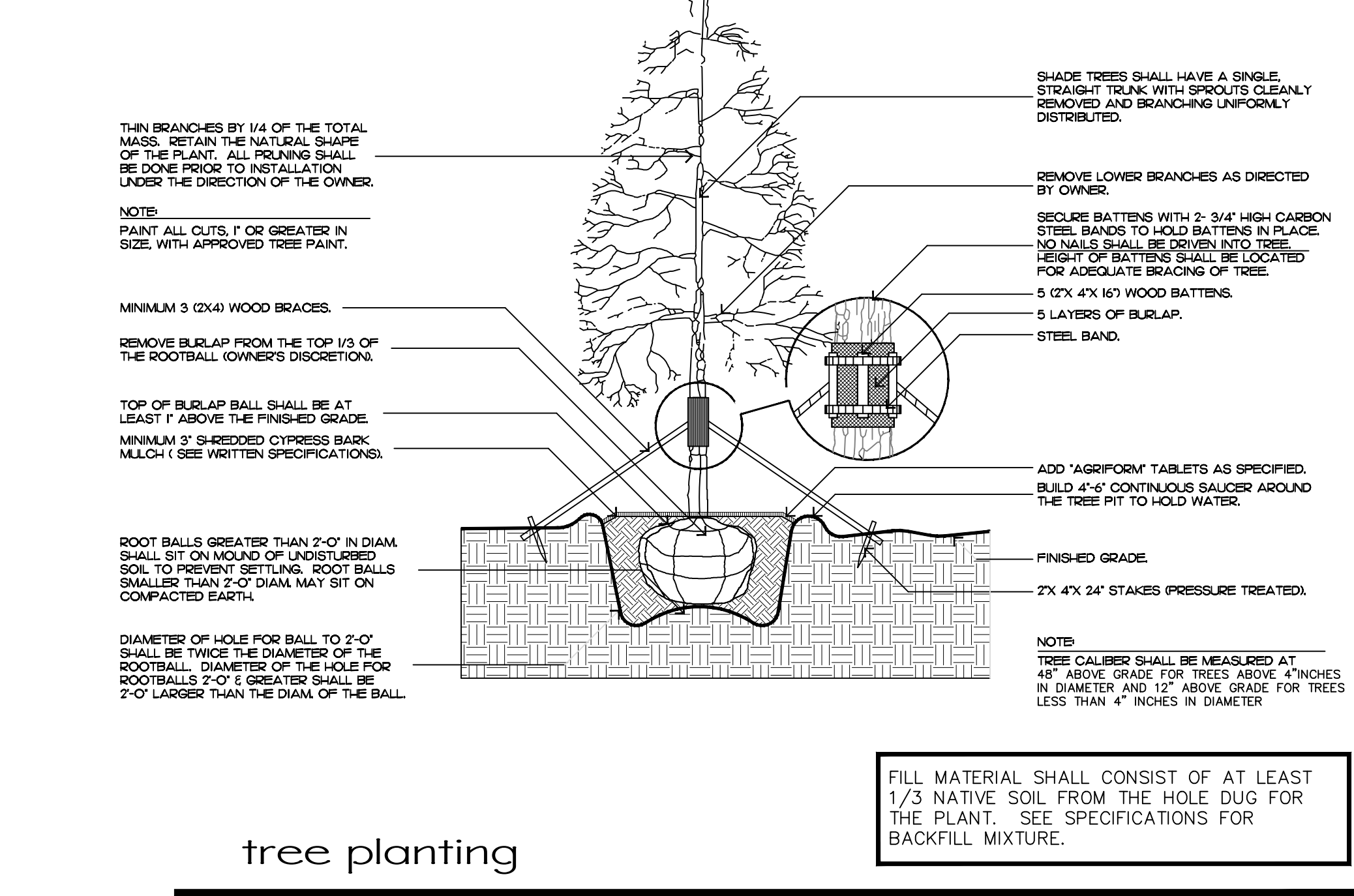
SHEET L5.3

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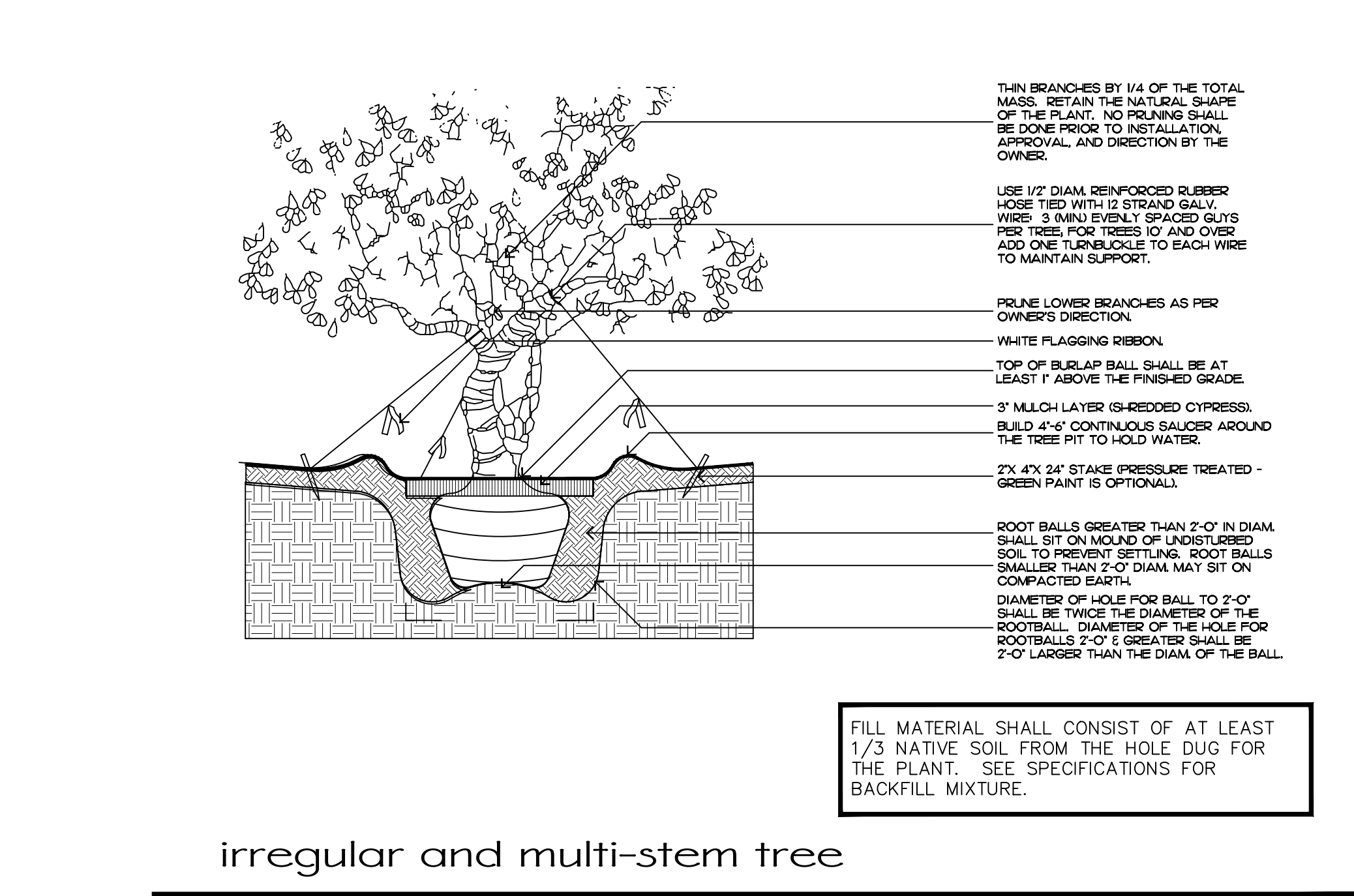
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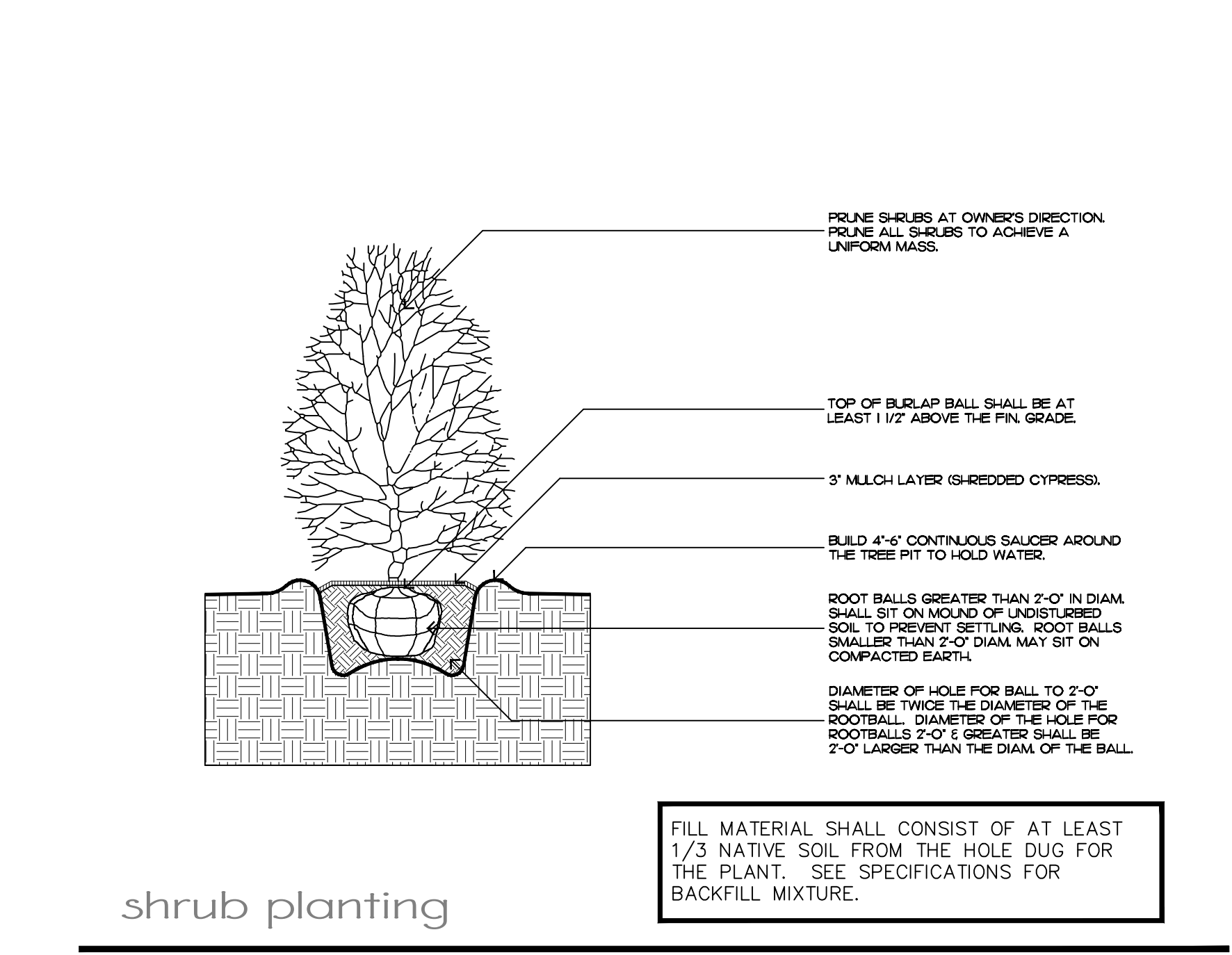
ZON -22-143
ARC -22-188
Plant Schedule



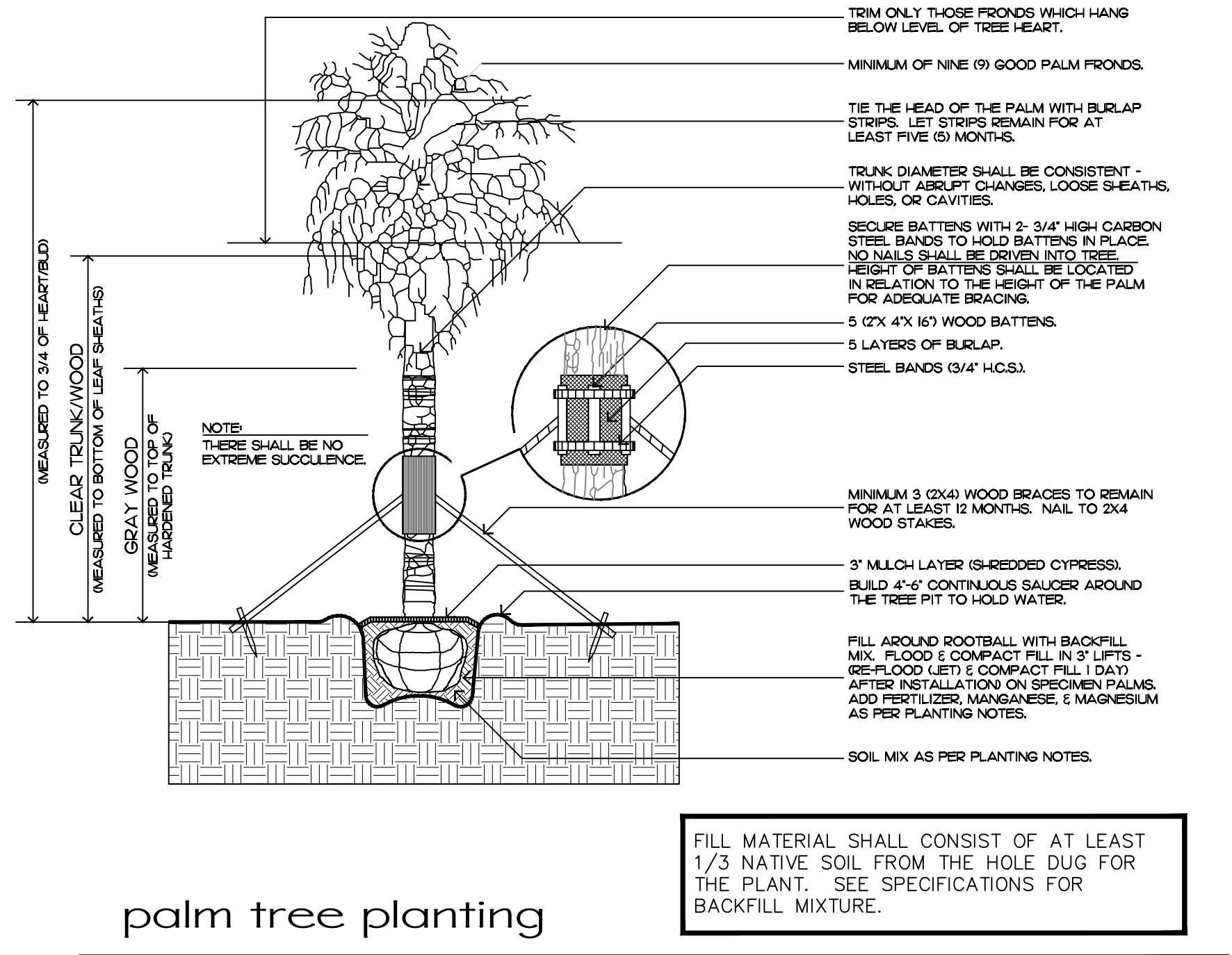
tree planting



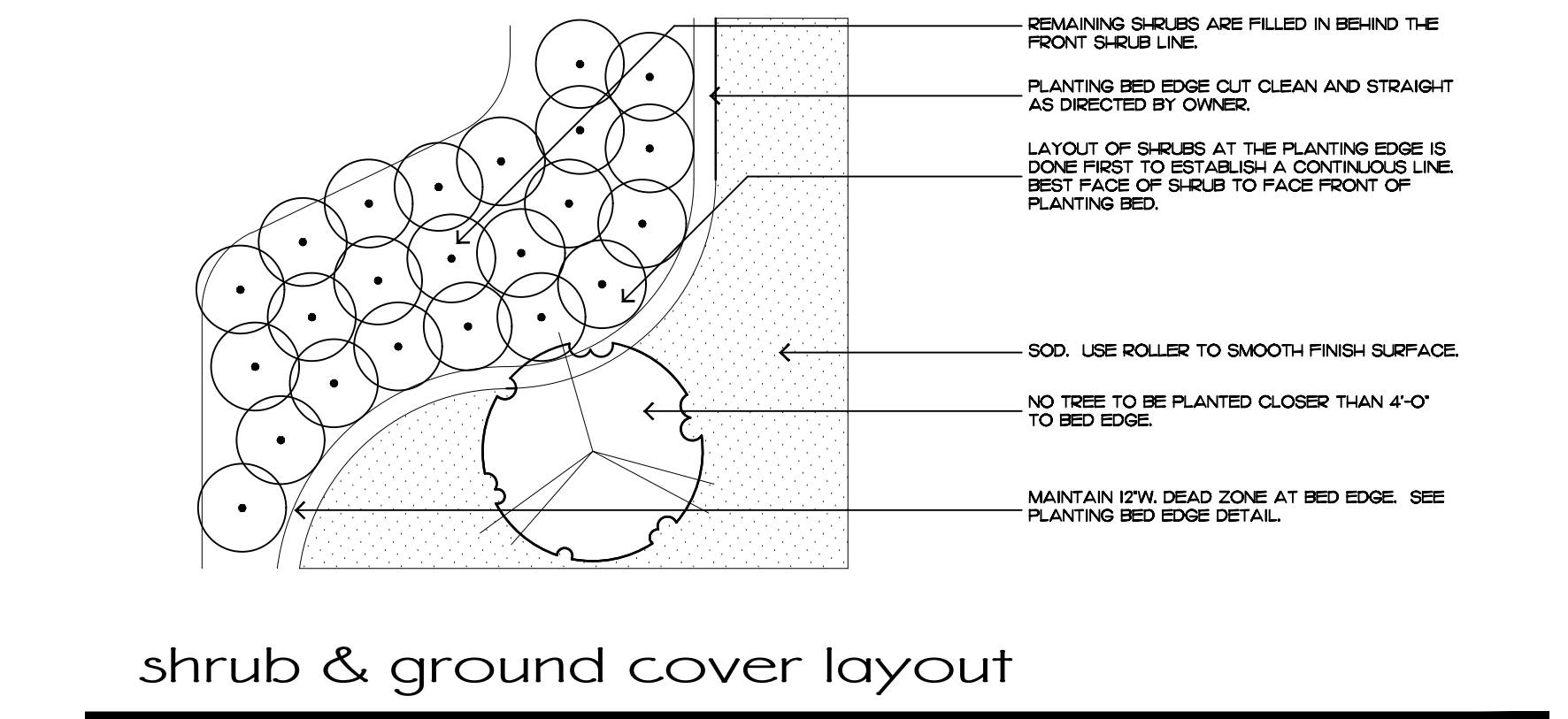
irregular and multi-stem tree



shrub planting



palm tree planting



shrub & ground cover layout

Planting Notes

COMMERCIAL FERTILIZER:

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

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

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

MULCH:

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

SOD:

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

SUBSTITUTIONS:

NO SUBSTITUTION OF PLANT MATERIAL TYPES OR SIZES WILL BE ALLOWED WITHOUT WRITTEN AUTHORIZATION FROM THE OWNER. CONTAINER GROWN MATERIAL WILL BE ACCEPTED AS SUBSTITUTE FOR B&B MATERIAL UNLESS PREVIOUSLY APPROVED. INTENDED SUBSTITUTIONS SHALL BE SPELLED OUT IN BID.

MEASUREMENTS:

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

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

PALMS: CLEAR TRUNK (C.T.) SHALL BE MEASURED FROM THE GROUND AT TIME OF INSTALLATION TO THE POINT WHERE THE MATURE AGED TRUNK JOINS THE IMMATURE OR GREEN PORTION OF THE TRUNK OR HEAD.

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

PALMS WITH MARRED OR BURNED TRUNKS WILL NOT BE ACCEPTED.

PLANTING SOIL AND BACKFILL:

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

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

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

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

PLANT MATERIALS:

PALMS, TREES, SHRUBS, GROUNDCOVERS AND VINES

PLANT SPECIES AND SIZE SHALL CONFORM TO THOSE INDICATED ON THE DRAWINGS. NOMENCLATURE SHALL CONFORM TO 'STANDARDIZED PLANT NAMES', 1942 EDITION. ALL NURSERY STOCK SHALL BE IN ACCORDANCE WITH 'GRADES AND STANDARDS FOR NURSERY PLANTS PARTS I & II', LATEST EDITION PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES. UNLESS SPECIFIED OTHERWISE, ALL PLANTS SHALL BE FLORIDA GRADE NUMBER 1 OR BETTER AS DETERMINED BY THE FLORIDA DIVISION OF PLANT INDUSTRY. SPECIMEN WEANS 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 STOCK:

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

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

WARRANTY:

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

MAINTENANCE:

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

ZON -22-143
ARC -22-188

Planting Details & Specifications

2022
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DRAWN BY: Adam Mills
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08.08.2022
08.29.2022

SHEET L5.4