

# Trees & Palms

SYMBOL	PLANT NAME	QTY.	DESCRIPTION	NATIVE
	COCCOLOBA UVIFERA SEAGRAPE TREE	1 2 1	20' X 20' SPECIMEN 20' X 20' SPECIMEN TO BECOME AN ARCH 20' OA HT	YES
+	ILEX ATTENUATA HOLLY EAGLESTON TREE	8	6' CT 18'-20' OA HT MATCHING	YES
	CLUSIA ROSEA LARGE LEAVE CLUSIA TREE	1	18' X 18' SPECIMEN	YES
(+)	CONOCARPUS ERECTUS GREEN BUTTONWOOD TREE	2	18' OA HT. CHARACTER	YES
	CONOCARPUS ERECTUS GREEN BUTTONWOOD TREE	16	6' CT 16' - 18' OA HT	YES
	CALOPHYLLUM BRASILIENSE	30	6' CT 16' - 18' OA HT PLEACHED	YES
+	MYRICA WAX MYRTLE TREE	l	8' OA HT	YES
+	CUPRESSUS SEMPERVIRENS ITALIAN CYPRESS TREE	2	14' OA HT	NO
+ 126 + 260 200 200 200 200 200 200 200 200 200 20	CAESALPINIA GRANADILLO BRIDAL VEIL TREE	8	6' CT 14' OA HT	NO
MOUNTAIN AND AND AND AND AND AND AND AND AND AN	THRINAX RADIATA FLORIDA THATCH PALM	6	8' - 12' THATCH PALM	YES
+	MAGNOLIA VIRGINIANA SWEETBAY MAGNOLIA TREE	2	12' OA HT	YES
{	POLYALTHIA LONGIFOLIA MAST TREE	25	18' - 20' OA HT	NO }
+ 100	GARDENIA TREE	6	6' OA HT STANDARD	NO

## Groundcovers

48 HOURS BEFORE DIGGING CALL TOLL FREE
1-800-432-4770

SYMBOL/KEY	PLANT NAME	QTY.	SQ. FT.	DESCRIPTION	NATIVE
	CLUSIA ROSEA 'NANA'	115	115	3 GAL., 12" O.C.	YES
	PHYLA NODIFLORA FROG FRUIT	405	100	6" PLUGS	YES
	RUELIA CAROLINIENSIS PURPLE WILD RUELIA	364	88	I GAL., 6" OC	YES
	TRACHELOSPERMUM ASIATICUM JASMINE MINIMA	240	240	3 GAL 12' OC	NO

# Shrubs & Vines

SYMBOL/KEY	PLANT NAME	QTY.	DESCRIPTION	NATIVE
	CITRUS TREE SPP	2	12' - 14' OA HT	NO
	TRIPSACUM DACTYLOIDES FAKAHATCHEE GRASS	33	3 GAL 30" OC	YES
	BOUGAINVILLEA SPP. BOUGAINVILLEA TREE	2	5' OA HT	NO
	GALPHIMIA SPECIOSA GOLDEN THRYALLIS	Ю	3 GAL 30" OC	YES
	PHILODENDRON BIPINNATIFIDUM SELLOUM TREE	15	3 GAL 30" OC	NO
	RAPHIS EXCELSA LADY PALM	30	5' OA HT	NO
	CLUSIA GUTTIFERA SMALL LEAVE CLUSIA HEDGE	8	8' OA HT	NO
	ILEX GLABRA IRONWOOD HEDGE	290	7 GAL 24" OC	YES
	FICUS MICROCARPA GREEN ISLAND FICUS	270	3 GAL. 12" O.C.	NO
	PODOCARPUS MACROPHYLLUS PODOCARPUS HEDGE	46 3	10' OA HT 5' OA HT 30" OC	NO
+ 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	OLEANDER NERUM ICE PINK OLEANDER	4	3' X 3' SPHERE	NO
	PLUMBAGO AURICULATA PLUMBAGO	3	7 GAL 24" OC PLANTED IN POTS	NO
	PLUMBAGO AURICULATA PURPLE PLUMBAGO	60	3 GAL 12" OC	YES
	ALPINA ZERUMBET SHELL GINGER	5	7 GAL 30" OC	NO
	ALOCASIA ODORA 'CALIFORNIA' ELEPHANT EAR	68	3 GAL 24" OC	NO
	NEPHROLEPIS EXALTATA BOSTON FERN	150	3 GAL 12" OC	YES
	GALPHIMIA GLAUCA THRYALLIS	11	3 GAL 30" OC	YES
+	FICUS MICROCARPA GREEN ISLAND FICUS	2 5	30" X 30" SPHERES 36" X 36" SPHERES	NO
	CITRUS JAPONICA CITRUS KUMQUAT	2	5'-6' OA HT PLANTED IN POTS	NO
	BOUGAINVILLEA VINE	5	6' OA HT ATTACHED TO WALL	NO
	TRACHELOSPERMUM JASMINOIDES CONFEDERATE JASMINE VINE	10	6' HT ATTACHED TO WALL	NO }

### Lawn & Mulch

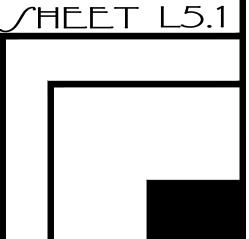
SYMBOL/KEY	PLANT NAME	QTY.	DESCRIPTION
LAWN	DIAMOND ZOYSIA LAWN	AS NEEDED	SOD PALLETS
PLANTING BED	SHREDDED EUCALYPTUS MULCH	AS NEEDED	MULCH ALL BEDS 3" MIN. DEPTH

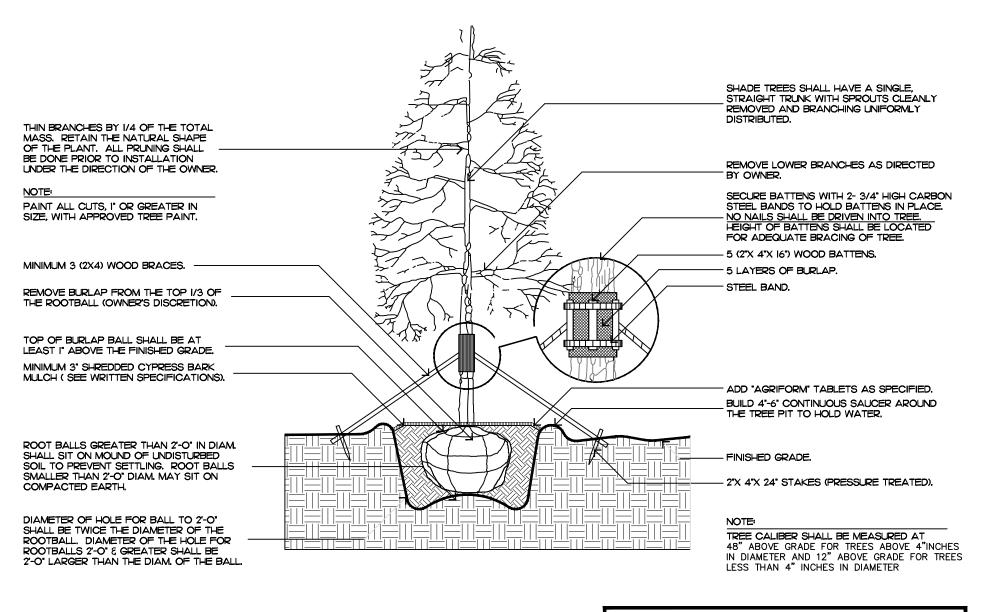
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Plant Schedule

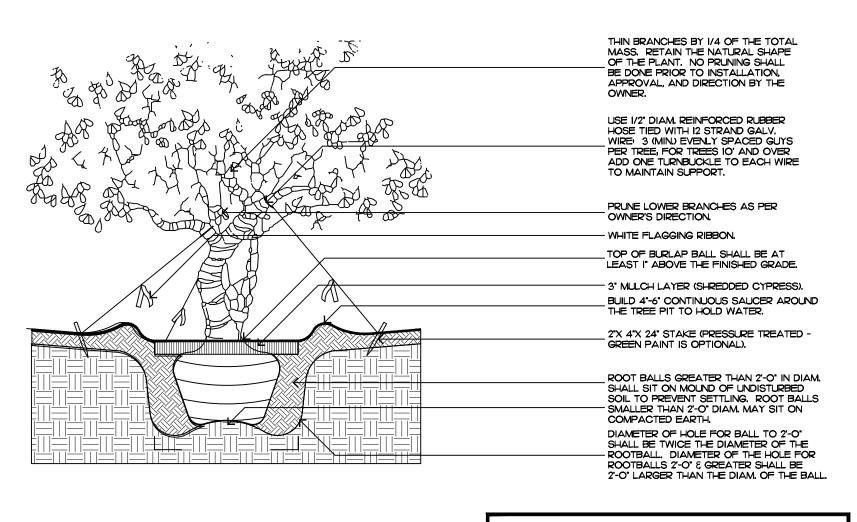
DE/IG/I GROUP Landscape Architecture Land Planning Landscape Management Dustin M. Mizell, MLA RLA #6666784 Dustin@environmentdesigngroup.com

JOB NUMBER: 22163.00 LA
DRAWN BY: Alex Bugrii
James Aparicio 04.11.23 11.07.23 REV. 04.29.24



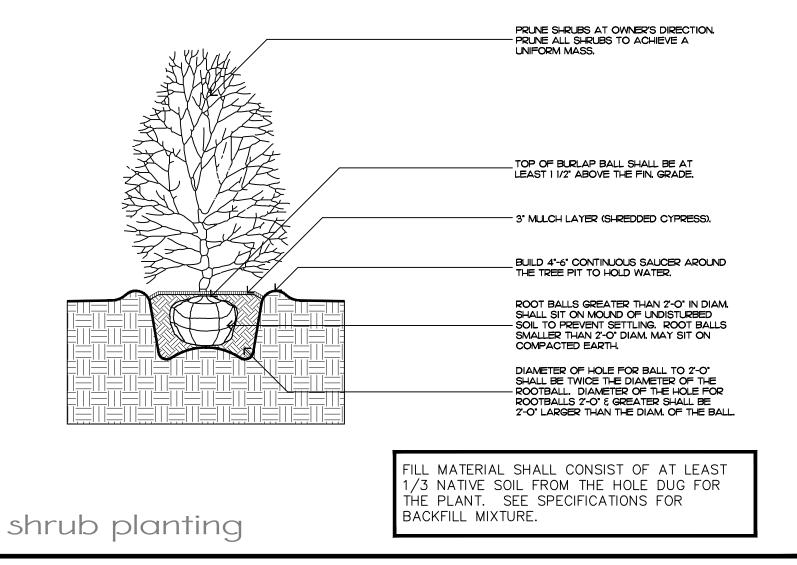


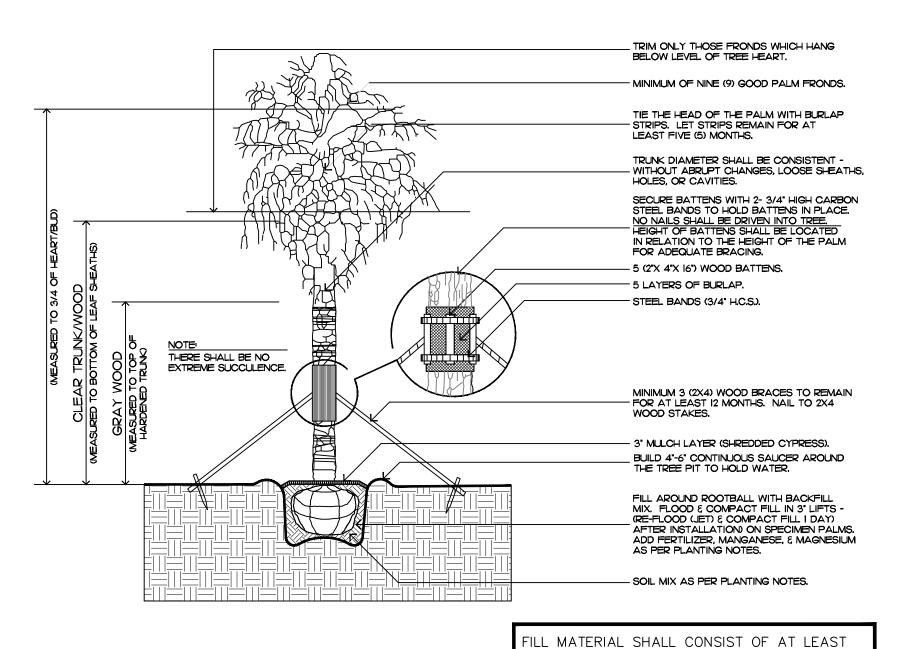
FILL MATERIAL SHALL CONSIST OF AT LEAST 1/3 NATIVE SOIL FROM THE HOLE DUG FOR THE PLANT. SEE SPECIFICATIONS FOR BACKFILL MIXTURE. tree planting

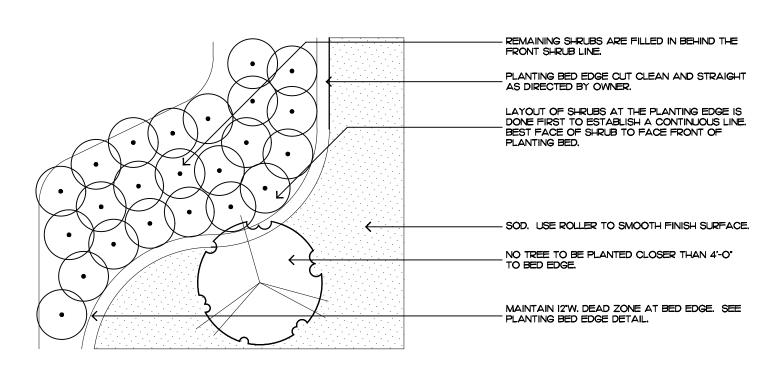


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irregular and multi-stem tree







1/3 NATIVE SOIL FROM THE HOLE DUG FOR

THE PLANT. SEE SPECIFICATIONS FOR

BACKFILL MIXTURE.

shrub & ground cover layout

palm tree planting

### 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 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

#### 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 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 / 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, 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 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  $\xi$  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

ARC-23-039

Planting Details & Specifications

Mobile 561.313.4424

**JE/IG/I** 

ROUP

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Land Planning

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04.11.23

04.15.24

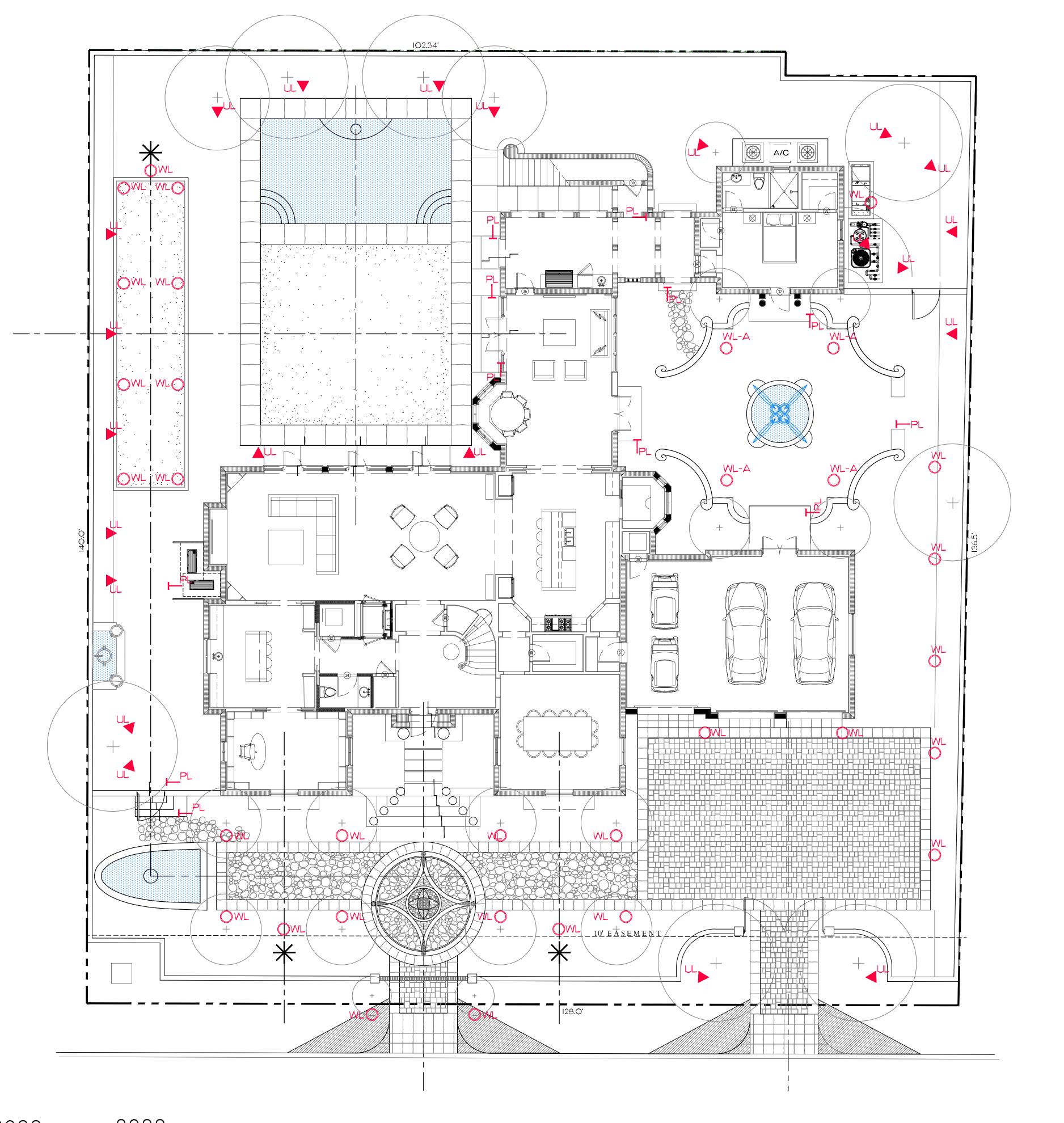
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48 HOURS BEFORE DIGGING 1-800-432-4770 SUNSHINE STATE ONE CALL OF FLORIDA, INC.



### Lighting Schedule

SYMBOL	DESCRIPTION	QTY
▲ UL	<u>UPLIGHT</u> - AURORALIGHT - HSL16-R TELLURIDE BRASS - 8 WATTS - LED 2700K	22
O WL	WELL LIGHT - AURORALIGHT - LWL5 LIGHTHAUS BRASS FINISH - 9 WATTS - LED 2700K	29
₩ PL	PATH LIGHT - AURORALIGHT - LPL8 - CORONA BRASS FINISH - 4.5 WATTS - LED 2700K	12
O WL-A	WELL LIGHT - AURORALIGHT - LMWL MICRO BRASS FINISH - 3 WATTS - LED 2700K	4





UP LIGHT

WELL LIGHT

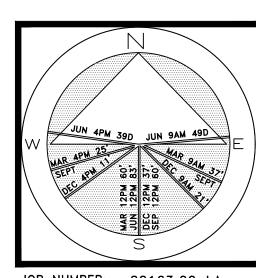




WELL LIGHT - A

**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

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JOB NUMBER: 22163.00 LA
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Landscape Lighting Plan

SCALE IN FEET O'