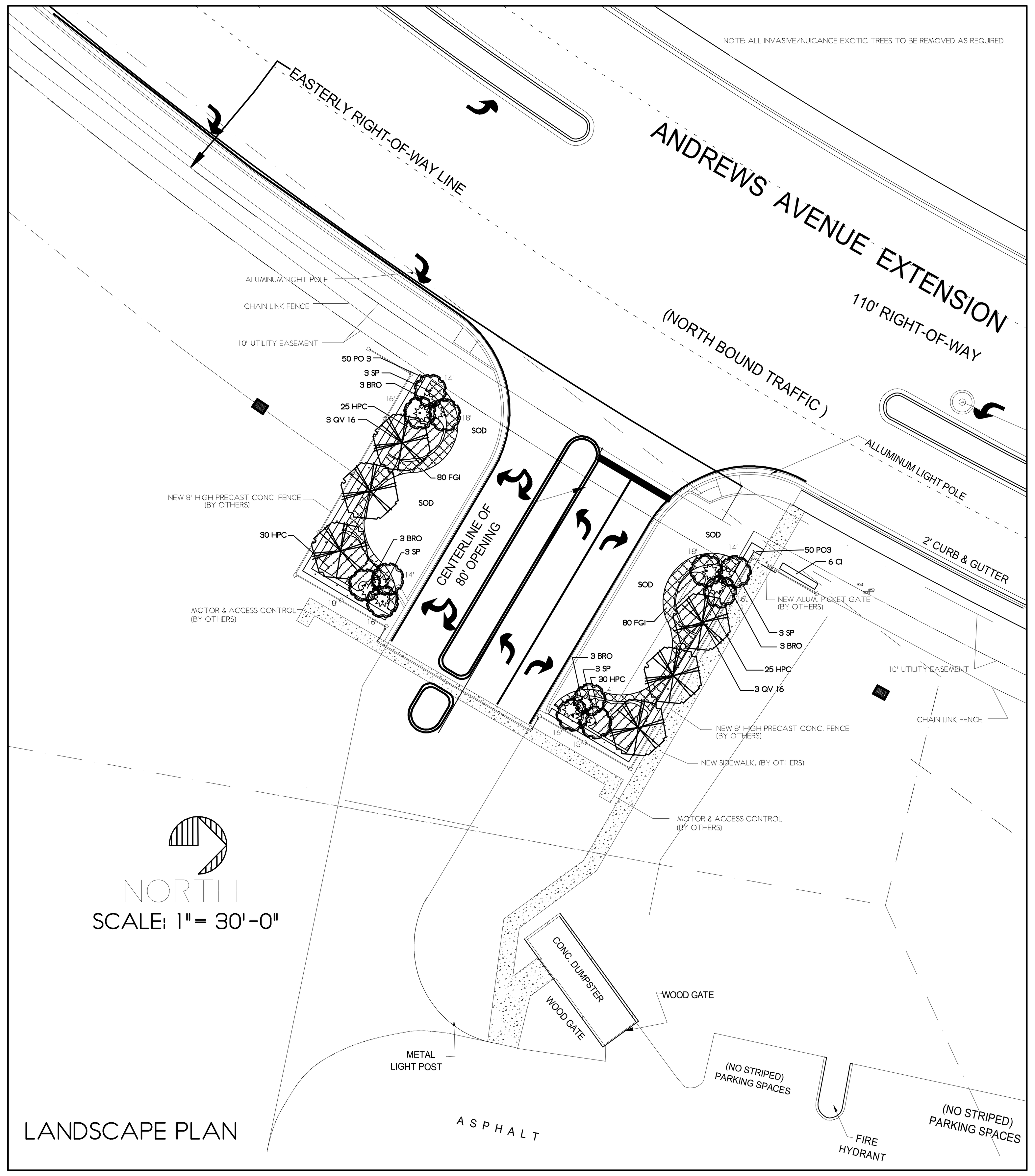
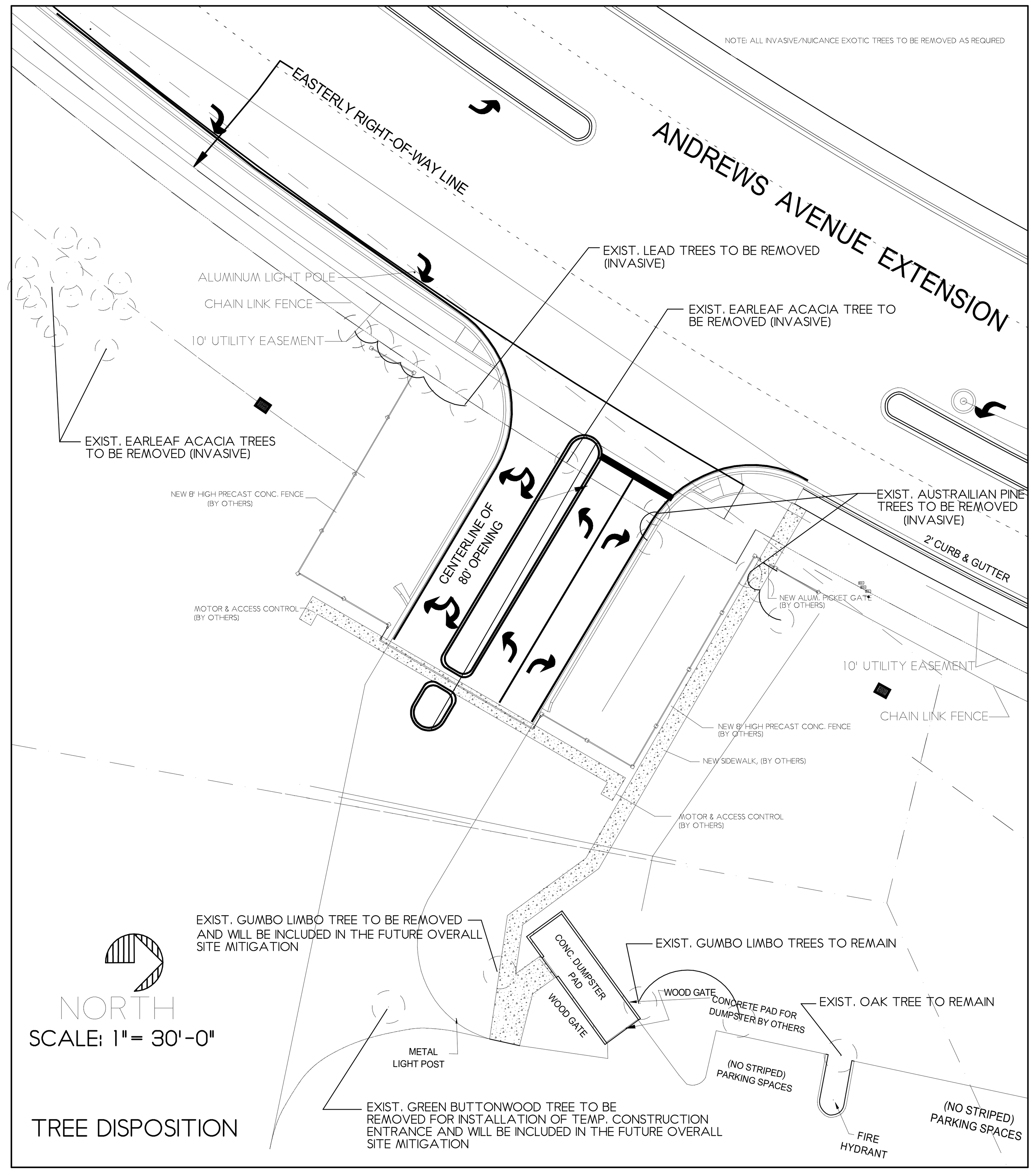


LANDSCAPE PLAN



TREE DISPOSITION

PLANT LIST

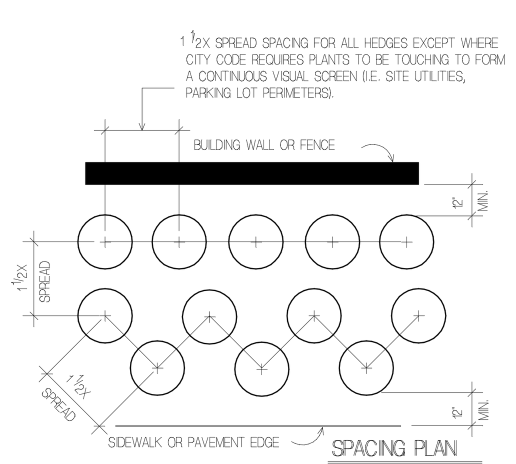
NOTE: The quantities on this plant list are to be used as a guide only. Bidder shall do independant takeoff for bidding purposes. *Denotes native plants.

CT=CLEAR TRUNK GW=GREY WOOD DBH=DIAMETER BREAST HEIGHT(4 1/2') OA=OVERALL HEIGHT
FTB=FULL TO BASE HVY=HEAVY TRUNK CAL=CALIPER@6"/12" PER GRADES & STDS. SING.=SINGLE TRUNK
DBL=DOUBLE TRUNK TRP=TRIPLE TRUNK STD.=TREE STANDARD MULTI=MULTI-TRUNK
STAG=STAGGERED HEIGHTS B&B=BALLED AND BURLAPPED FG=FIELD GROWN
ALL PLANT MATERIALS MUST ADHERE TO CURRENT GRADES AND STANDARDS FOR FLORIDA NUMBER ONE QUALITY OR BETTER. CONTAINER SIZE, WHEN LISTED, IS THE MINIMUM CONTAINER SIZE ACCEPTABLE FOR THE PLANT SPECIFIED.
ALL PLANT MATERIAL WILL BE ACCEPTED BY THE PLANT SIZE SPECIFICATION AND NOT THE CONTAINER SIZE.

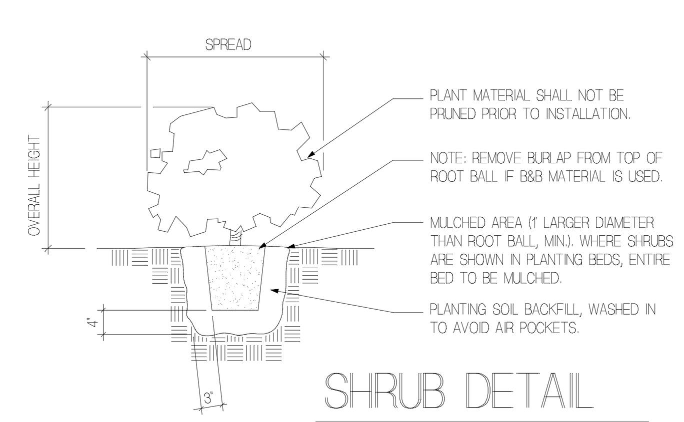
SYM	QNT	BOTANICAL NAME	COMMON NAME	OA HEIGHT	SPREAD	TRUNK SPECS.	TRUNK DIA.	COMMENTS
BRO	12	Bromeliad spp.	Bromeliad spp.	2.5'	2.5'			Full
CI	6	Chrysobalanus icaco 'Green'	*Green Cocoplum	24"	18"			Full
FGI	160	Ficus microcarpa	Green Island Ficus	16"	16"			Full
HPC	110	Hamelia patens compacta	Dwarf Firebush	18"	18"			Full
PO 3	100	Podocarpus macrophylla	Yew Podocarpus	36"	18"			Full
QV16	6	Quercus virginiana	*Live Oak Tree	16'	8'	4-6' CT	4" DBH	Full
SP14	4	Sabal palmetto	*Cabbage Palm			14' CT		
SP16	4	Sabal palmetto	*Cabbage Palm			16' CT		
SP18	4	Sabal palmetto	*Cabbage Palm			18' CT		

OTHER LANDSCAPE MATERIALS:

MUL	Mulch (in Bags)		As Needed
SOIL	Planting Soil (Cubic Yards)		As Needed
SOD	Stenotaphrum secundatum 'Floratam'	St. Augustine 'Floratam' Sod	
	TO BE MEASURED IN FEILD	LOCATION AS SHOWN ON PLAN & GENERAL SPECIFICATIONS	

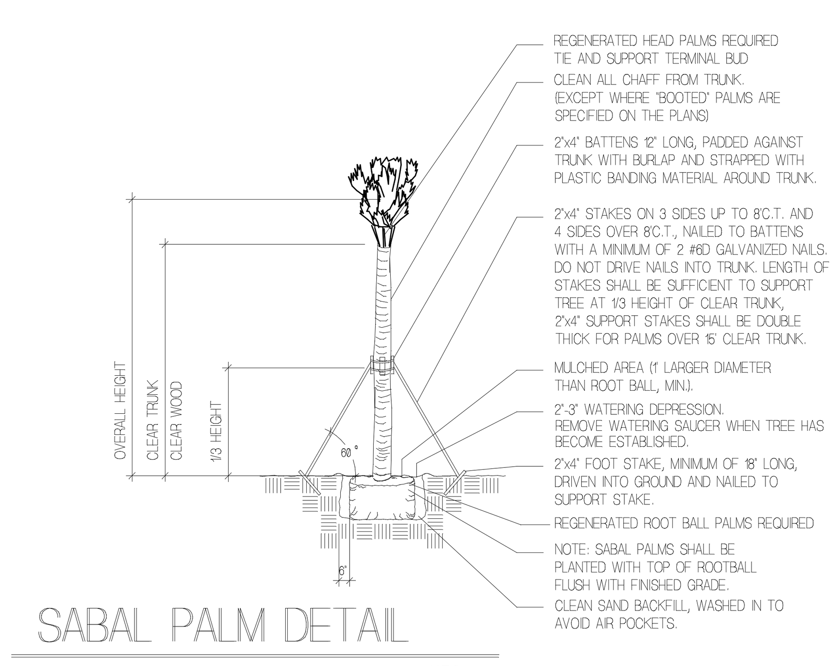


SPACING PLAN
N.T.S.



SHRUB DETAIL
N.T.S.

TREE DETAIL
N.T.S.



SABAL PALM DETAIL
N.T.S.

GENERAL SPECIFICATIONS

1. All plant materials shall be Florida No. 1 or better as set forth by the Florida Department of Agriculture, Grades and Standards for Nursery Plants, current edition.
All plants to be graded shall comply with the general requirements listed there in.
Certification that all plant materials installed are Florida No. 1 or better shall be the sole responsibility of the Landscape Contractor. Said certification shall be provided to the Owner or his authorized representative at the time of delivery of the plant material to the job site. Any dispute regarding plant material grade shall be determined by a representative of the Division of Plant Industry of the State of Florida.
All rules and guidelines set by the State for the purposes of grading plant materials shall be followed.
2. Palms shall be planted so that all heads are clear of building walls and windows at mature spread.
3. All Sabal Palms, Queen Palms, Washingtonia Palms, Phoenix varieties and all other single trunk, upright varieties with six foot (6') of clear trunk or greater shall be staked as detailed.
4. All trees shall be planted so that heads will be clear of building walls, roof lines and windows at mature spread. Shade trees shall not be located closer that fifteen feet (15') from project light poles.
Medium and small trees and palms shall not be planted closer than seven and one half feet (7 1/2') from project light poles.
Florida Power and Light tree location guidelines shall be followed in all cases relating to FPL power pole or easement locations.
Where Codes require, locations of all trees planted in Rights-Of-Way or utility easements shall be confirmed by the landscape contractor with the City or County Engineer before installation.
All tree trunk calipers shall be measured at 4 1/2' above top of root ball.
All trees that are designated as single - trunk trees shall have a single, dominant leader and a relatively straight trunk.
All trees that are designated as multi-trunk trees shall have at least three trunks with equal calipers originating from the base of the trees, and with angles no greater than 45 degrees.
Trees with bark inclusion or codominant trunks will not be accepted.
5. All Trees and Palms shall be kept in an upright position.
Under no circumstances shall any support method used employ the driving of nails or other mechanical devices of any kind into the bark of any tree or palm.
All staking except Terra Toggle shall be removed approximately 6 months after planting or at the time of establishment of the tree.
Any exposed Terra Toggle straping shall be cut and removed after the wood supports have decomposed.
All synthetic burlap, synthetic string or cords shall be removed before any trees are planted. All synthetic tape (ie. tagging tape, nursery tape) shall be removed from trunks, branches, etc. before inspection. The top one-third of any natural burlap shall be removed before the trees are backfilled. All wire baskets shall be removed from the top and sides of the rootball to a depth of 3" and all remaining wire shall be cut to prevent gurdling.
All trees, (except palms) and other plants shall be planted with the top of their rootballs 2" (+/-) above the final grade surrounding the planting area as detailed.
Palms shall be planted with the top of the rootball flush with the surrounding area.
6. All trees within or overhanging pedestrian areas shall have a clear trunk high enough to allow unobstructed pedestrian movement under or around trees.
Sight distance concerns must be maintained for clear sight visibility from thirty (30) inches to seventy-two (72) inches, tree trunks excluded.
7. All plant material shall be planted with twelve inches (12") clear space between outer branches and building walls, fences or pavement edges and three feet (3') back from face of curb. at the time of planting. Spacing of shrubs center to center shall be as specified by the municipality for screening requirements.
All mechanical equipment, air conditioning, irrigation pumps, FPL transformers, pool pumps,backflo preventors, etc., must be screened on three (3) sides by shrubs the height of the equipment in addition to minimum landscape requirements.
8. Irrigation shall be by underground, automatic, rust free system with 100% coverage and a minimum of 50% overlap of spray. Irrigation rain sensor shall be installed. Irrigation water shall not be directed onto or over impervious surfaces.
Irrigation syatems other than City water shall require a South Florida Water Management District water use permit prior to the issuance of the required irrigation permit from the City and/or the operation of the irrigation system. Approved irrigation permits shall be required from the City prior to installation.
9. Planting soil shall be at least 30% muck and 70% sand pulverized and weed free, to be mixed with existing soil free from rocks and debris and backfilled into plant pits by washing in. Planting soil for Sabal Palms shall be clean sand. Existing soil may be used as planting soil if approved by the Landscape Architect.
10. Fertilizer for trees and shrubs shall be a general purpose 50% organic fertilizer low in phosphorus, with minor elements, iron and manganese and shall be mixed with the planting soil at the time of backfilling.
Fertilizer for palms shall be a palm special type to include manganese and magnesium sulfate.
Application rates for all fertilizers at the time of planting shall be 1/2 the manufacturers recommendations for established plants.
11. Mulch shall be shreaded eucalyptus or other clean hardwood species grade "B" or better set at a 3" minimum depth and wet down to prevent wind displacement.
Cypress, red or dyed mulch shall not be accepted.
All mulch shall be certified "Arsenic Free".
All trees shall have a water ring with a minimum depth of two inches, maximum of three inches, and a diameter of 3 feet to 4 feet around the base. No mulch shall be placed over the rootball of any tree.
All mulch shall be kept six inches from the stems/trunks of all plant material.
12. Sod shall be Stenotaphrum secundatum "Floritam" or "Palmetto" solid sod, weed free and set with staggered joints. Sod shall be placed on all areas not used for buildings, vehicular use areas, walks, site structures or planting beds and shall extend to any abutting street pavement edge and to the mean waterline of any abutting canal, lake or waterway. Sod shall be placed no closer that three (3) feet from the trunk of any tree.
Sod placed adjacent to pavement and curbs shall be set with top of sod-soil set flush with the top of the adjacent pavement and/or curb.
13. Planting plans take precedence over plant lists. The Landscape Contractor shall be responsible for doing his own takeoff. The Landscape Contractor shall familiarize himself with the municipal code and deed restrictions of the municipality in which the project is located. All existing codes and deed restrictions pertaining to the municipality in which the project is located shall apply and may supersede these General Specifications. The more stringent requirement shall apply.
14. The Landscape Contractor shall be aware of the locations of all easements and utilities above and below ground and shall call for utility stakeout forty eight (48) hours before any digging operations begin.
All plant pits located in easements shall be hand dug.
15. The Landscape Contractor shall provide a written guarantee to the Owner for all plant materials and workmanship for a period no less than one year from the time of final inspection and acceptance by the Owner.
At the end of the guarantee period, all plant materials shall be inspected by the Landscape Contractor and the Owner. All plants that are in a healthy, growing condition at the time of the inspection shall be free from further guarantee and shall be the Owners responsibility. All plants that are in questionable condition due to transplant shock shall continue under the guarantee until recovery or, if deemed severely retarded in growth or dead, shall be replaced. Replaced plant material shall be guaranteed for the same time period and under the same conditions as the original plant material. This guarantee does not apply if the plant materials have not been maintained by the Owner as instructed by the Landscape Contractor, are damaged by storms, vandalism, insect or freeze damage or acts of God beyond the Landscape Contractors control. All plants shall be free from harmful plant pests at the time of planting.

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
811 Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

THESE DRAWINGS ARE NOT VALID FOR SUBMITTAL OR CONTRACT CONSTRUCTION USE UNLESS SIGNED, SEALED & DATED WITH AN ORIGINAL SIGNATURE & EMBOSSED SEAL BY THE LANDSCAPE ARCHITECT. UNSIGNED & SEALED DRAWINGS MAY BE USED FOR CLIENT IN-HOUSE PURPOSES & BIDDING ONLY.

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To the best of our knowledge, the plans and specifications submitted herewith comply with all existing interpretations and provisions of the applicable building codes at the time of the plans preparation. No warranty either expressed or implied is hereby given.

NO	REVISIONS
	MAY 26, 2023

SCALE: 1"=30"
DATE: MAY 16, 2023
DRAWN BY: MJP

BONSAL TURN LANE LANDSCAPE PLAN
1200 NW 18TH STREET
POMPANO BEACH, FLORIDA

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SHEET NO: L-1
OF: ONE

MICHAEL J. PETROW
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Date: 2023.05.26 08:45:31 -04'00'

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10/04/2023