

**UTILITY EASEMENT CLOSE UP**  
SCALE: 1" = 10'

**SEC.154.03 C GENERAL LANDSCAPING**  
10' LANDSCAPE BUFFER  
REQUIRED: 1 TREE / 30 LF.  
1 SHRUB / 2 LF.  
270 LF. - 61 LF. (INGRESS / EGRESS) = 209 LF.  
209 / 30 = 6.9 TREES  
209 / 2 = 105 SHRUBS  
PROVIDED: (2) EX. TREES, (5) NEW TREES  
105 SHRUBS

ZONE: PUP

**SEC.154.03 C GENERAL LANDSCAPING**  
10' LANDSCAPE BUFFER  
REQUIRED: 1 TREE / 30 LF.  
1 SHRUB / 2 LF.  
187 / 30 = 6.2 TREES  
187 / 2 = 94 SHRUBS  
PROVIDED: 7 TREES  
128 SHRUBS

**SEC.154.03 C GENERAL LANDSCAPING**  
10' LANDSCAPE BUFFER  
REQUIRED: 1 TREE / 30 LF.  
1 SHRUB / 2 LF.  
228 LF. - 125 LF. (INGRESS / EGRESS) = 103 LF.  
103 / 30 = 3.4 TREES  
103 / 2 = 52 SHRUBS  
PROVIDED: 4 TREES  
52 SHRUBS

**SEC.154.03 C GENERAL LANDSCAPING**  
10' LANDSCAPE BUFFER  
REQUIRED: 1 TREE / 30 LF.  
1 SHRUB / 2 LF.  
261 / 30 = 8.7 TREES  
261 / 2 = 131 SHRUBS  
PROVIDED: 9 TREES  
108 SHRUBS

**PLANT LIST**

SYM	COMMON NAME	BOTANICAL NAME	DESCRIPTION	NATIVE	DROUGHT TOLERANT	QTY
<b>TREES</b>						
BS	GUMBO LIMBO (D)	BURSERA SIMARUBA	2.5' MIN. CAL., 12' HT. MIN., 5' SPRD. STRAIGHT TRUNK	YES	HIGH	3
CE	GREEN BUTTWOOD (E)	CONOCARPUS ERECTUS	2.5' MIN. CAL., 12' HT. MIN., 5' SPRD. STD. TRUNK	YES	HIGH	2
CES	SILVER BUTTWOOD (E)	CONOCARPUS ERECTUS SERICEUS	2.5' MIN. CAL., 12' HT. MIN., 5' SPRD. STD. TRUNK	YES	HIGH	4
LI	TONTO CRAPE MYRTLE (F)	LAGESTROEMIA INDICA 'TONTO'	2.5' MIN. CAL., 12' HT. MIN., 5' SPRD. STD. TRUNK	NO	HIGH	5
MV	SWEET BAY MAGNOLIA (E, F)	MAGNOLIA VIRGINIANA	2.5' MIN. CAL., 12' HT. MIN., STD. TRUNK	YES	HIGH	7
PE	SLASH PINE (E)	PINUS ELLIOTTII	2.5' MIN. CAL., 12' HT. MIN., STD. TRUNK	YES	HIGH	3
QV	LIVE OAK (E)	QUERCUS VIRGINIANA	2.5' MIN. CAL., 12' HT. MIN., STD. TRUNK	YES	HIGH	3
UP	DRAKE ELM (D)	ULMUS PARVIFOLIA 'DRAKE'	2.5' MIN. CAL., 12' HT. MIN., 5' SPRD.	NO	HIGH	2
SP	CABBAGE PALM (E)	SABAL PALMETTO	REFER TO PLAN FOR CT., CLEAN STRAIGHT TRUNKS, REGEN HEADS	YES	HIGH	8
TR	FLORIDA THATCH (E)	THRINAX RADIATA	8' O.A., CLEAN STRAIGHT TRUNK	YES	HIGH	5
EX	EXISTING TREES					
<b>SHRUBS</b>						
CI	RED TIP COCOPLUM	CHRYSOBALANUS ICACO 'REDTIP'	24" HT., 16" SPRD., 36" O.C.	YES	HIGH	217
GG	THRYALLIS	GALPHIMIA GALAUICA	15" HT., 15" SPRD., 30" O.C.	NO	MED.	64
HCI	HORIZONTAL COCOPLUM	CHRYSOBALANUS ICACO 'HORIZONTAL'	24" HT., 16" SPRD., 36" O.C.	YES	HIGH	94
MF	SIMPSON STOPPER	MYRCIANTHUS FRAGRANS	24" HT., 16" SPRD., 36" O.C.	YES	HIGH	21
<b>GROUND COVER</b>						
AA	LILY OF THE NILE	AGAPANTHUS AFRICANUS	15" HT., 10" SPRD., 24" O.C.	NO	MED.	20
CM	EMERALD BLANKET CARISSA	CARISSA MACROCARPUS	7" HT., 14" SPRD., 30" O.C.	NO	HIGH	146
HI	RED HIBISCUS	HIBISCUS ROSA SINENSIS 'RED'	30" O.C.	NO	MED.	20
IX	MAUI YELLOW IXORA	IXORA COCCINEA 'MAUI YELLOW'	24" MIN. HT., 12" SPRD., 30" O.C.	NO	HIGH	120
MC	MUHLI GRASS	MUHLENBERGIA CAPILLARIS	15" MIN. HT., 10" SPRD., 30" O.C.	YES	MED.	101
ZP	COONTIE	ZAMIA PUMILIA	15" HT., 10" SPRD., 30" O.C.	YES	HIGH	128
<b>SOILS</b>						
BAHIA	ARGENTINE BAHIA SOD	PASPALLUM NOTATUM 'ARGENTINE'	SOLID SOD, CONTRACTOR TO VERIFY QTY.			
SOD	ST. AUGUSTINE GRASS	STENOTAPHRUM SECUNDATUM	SOLID SOD, CONTRACTOR TO VERIFY QTY.			

- NOTE:**
- PLANT DESCRIPTIONS ARE FOR MINIMUM ACCEPTABLE SPECIFICATIONS. ALL CRITERIA LISTED FOR CONTAINER SIZE, CALIPER, HEIGHT, SPREAD, ETC. MUST BE MET FOR PLANT MATERIAL ACCEPTANCE. FOR EXAMPLE, IF A THREE GALLON SHRUB DOES NOT MEET THE HEIGHT OR SPREAD SPECIFICATION IT WILL NOT BE ACCEPTED.
  - IF SPECIFIED PLANTS ARE UNAVAILABLE AT TIME OF CONSTRUCTION, CONTRACTOR MAY REPLACE SPECIFIED PLANTS WITH PLANTS APPROVED BY LANDSCAPE ARCHITECT AND CITY STAFF.
  - ALL OPEN SPACE AREAS WITHIN THE PROPERTY SHALL BE SODDED UNLESS PAVED, SEEDED AND MULCHED OR PLANTED WITH SHRUBS AND GROUND COVER.
  - ALL LANDSCAPED AREAS WILL BE 100% IRRIGATED WITH A CENTRAL AUTOMATIC IRRIGATION SYSTEM INCLUDING A RAIN SENSOR.
  - CONTRACTOR TO MODIFY EXISTING IRRIGATION SYSTEM TO ENSURE ADEQUATE IRRIGATION FOR ALL NEW PLANT MATERIAL.
  - CONTRACTOR SHALL REPLACE ANY EXISTING SOD OR OTHER PLANT MATERIALS DAMAGED DURING CONSTRUCTION IN AREAS THAT ARE OUTSIDE PROPOSED LANDSCAPE AS SHOWN ON THE PLAN.

- CITY OF PORT SAINT LUCIE NOTES:**
- NO LANDSCAPING SHALL BE PLANTED IN A MANNER THAT WOULD ADVERSELY AFFECT UTILITY EASEMENTS. LANDSCAPING SHALL BE IN COMPLIANCE WITH CHAPTER 154 OF THE CITY OF PORT SAINT LUCIE CODE OF ORDINANCES, PSLUSD TECHNICAL SPECIFICATIONS AND POLICIES.
  - ALL LANDSCAPING WITHIN CITY UTILITY EASEMENTS SHALL COMPLY WITH PSLUSD TECHNICAL SPECIFICATIONS, POLICIES, AND CODES.
  - ALL LANDSCAPING SHALL MEET THE LATEST PSLUSD LANDSCAPE POLICY AND SHALL NOT BE PLACED IN A MANNER THAT WOULD CREATE CONFLICTS WITH THE INTENDED OPERATION AND MAINTENANCE OF ANY EXISTING UTILITY.
  - TREES SHALL NOT BE PLANTED WITHIN TEN (10') FEET OF ANY PSLUSD UNDERGROUND INFRASTRUCTURE.
  - NO LANDSCAPING OTHER THAN SOD GRASSES SHALL BE LOCATED WITHIN 5' OF A PSLUSD APPURTENANCE SUCH AS A WATER METER ASSEMBLY, BACK-FLOW DEVICE, FIRE HYDRANT OR SEWER CLEANOUT, ECT.

**LANDSCAPE DATA**

**SEC. 154.03 C 2 BUILDING FACADE**  
REQUIRED: 5' WIDE, 1 TREE OR PALM FOR EVERY 30 LF. 1 SHRUB FOR EVERY 2 LF.  
214 LF. / 30 = 7 TREES  
214 LF. / 2 = 107 SHRUBS  
PROVIDED: 2 TREES  
5 PALMS  
107 SHRUBS

**SEC. 154.04 (C) LANDSCAPE STANDARDS**  
MAXIMUM PALMS: 25%  
38 x 25 = 9.5  
PROVIDED: 8 (EXCLUDES THATCH PALMS AS FOUNDATION PLANTINGS)

**NATIVE**  
REQUIRED: 50% 41 x 5 = 21  
PROVIDED: 33

**FLOWERING**  
REQUIRED: 20% 41 x 2 = 8  
PROVIDED: 12

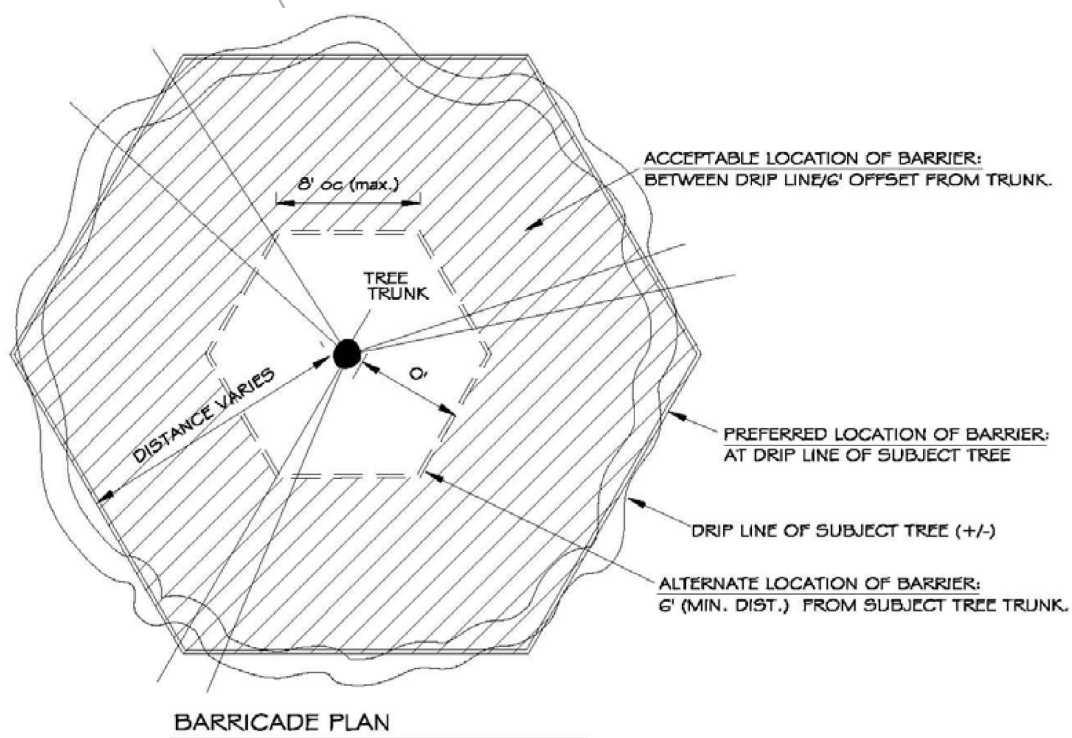
**PARKING**  
REQUIRED: 75% EVERGREEN 4 x .75 = 3  
PROVIDED: 3

**REQUIRED NUMBER OF SPECIES MIX**  
REQUIRED: 38 TREE, MIN OF 4 SPECIES  
PROVIDED: 11

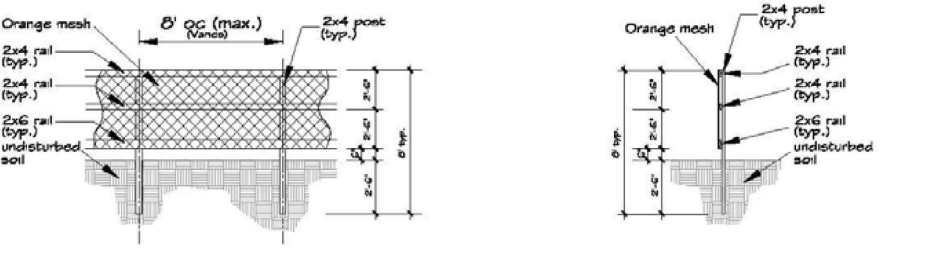
**SEC. 154.16 TREE MITIGATION**

#TREE	D.B.H.	SPECIES	DISPOSITION
1001	26"	OAK	REMOVE
1002	17"	PINE	REMOVE
1003	16"	CYPRESS	REMAIN
1004	22"	CYPRESS	REMAIN
1005	18"	CYPRESS	REMOVE

D.B.H. REMOVED: 61"  
D.B.H. REMAINING: 43"  
PROPOSED INCHES: 105"



**BARRICADE PLAN**  
N.T.S.



**BARRICADE ELEVATION**  
N.T.S.

**BARRICADE SECTION**  
N.T.S.

- BARRICADE NOTES:**
- TREE PROTECTION BARRICADE TO BE ERRECTED PRIOR TO COMMENCEMENT OF ANY WORK.
  - NO CONSTRUCTION WITHIN BARRICADE WITHOUT OWNER APPROVAL.
  - EXCAVATION (IF APPROVED BY OWNER) WITHIN TREE PROTECTION AREAS IS LIMITED TO HAND TOOLS (NO MACHINERY)

CITY OF PSL # P23-054 (SP), P23-056 (SEU)

PSLUSD #11-033-0017

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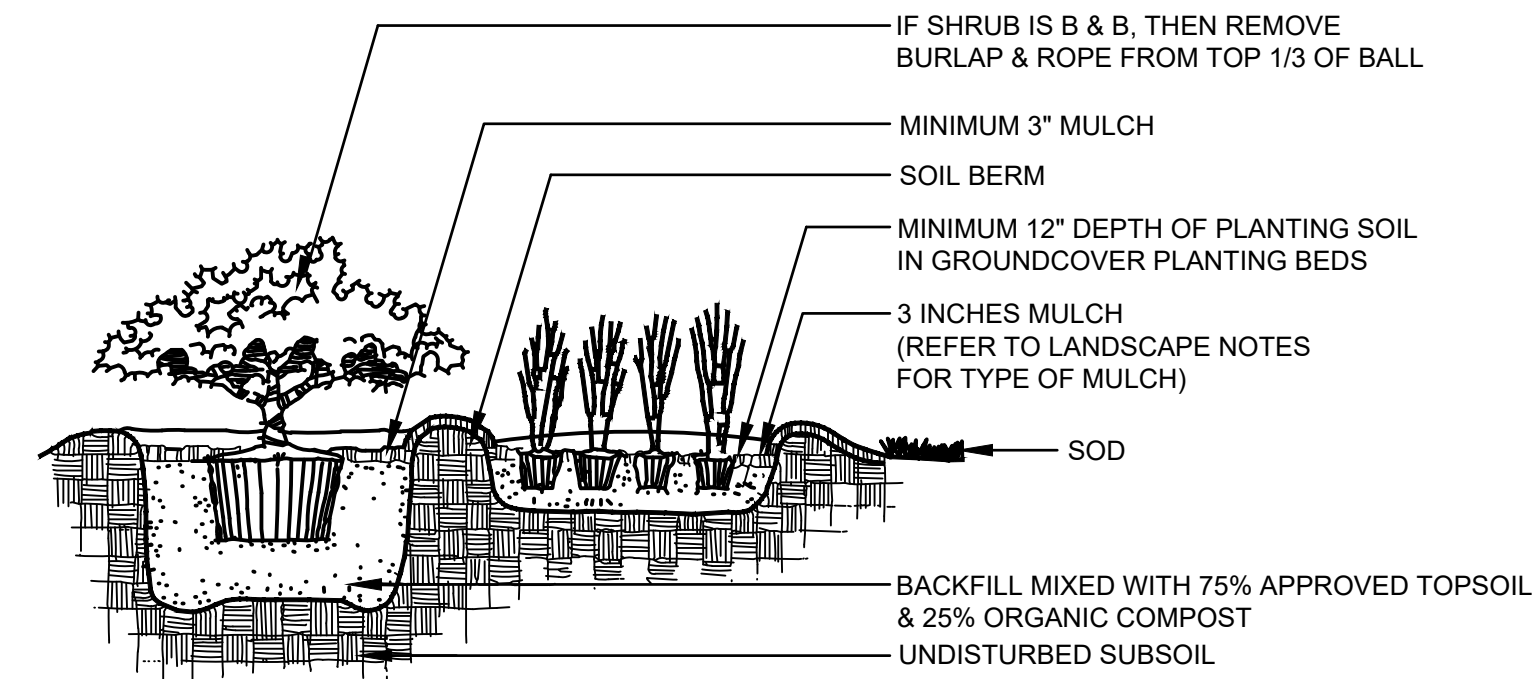


**LANDSCAPE NOTES:**

- The Landscape Contractor shall be responsible for all materials and all work as called for on the Landscape Plans and in the Landscape Specifications. In the event of variation between quantities shown on plant list and the plans, the plans shall control. The Landscape Contractor shall verify all quantities and report any discrepancies at the time of bidding.
- The Landscape Contractor shall review architectural/engineering plans and become thoroughly familiar with surface and subsurface utilities.
- Prior to construction, the contractor shall be responsible for locating all underground utilities and shall avoid damage to all utilities during the course of the work. Locations of existing buried utility lines shown on the plans are based upon best available information and are considered to be approximate. It shall be the responsibility of the contractor to verify the locations of utility lines within and adjacent to the work area to protect all utility lines during the construction period to repair any and all damage to utilities, structures, site furnishings, etc. which occurs as a result of the construction. To field adjust the location of proposed trees and palms 10' off the center of the utility lines. Notify the Landscape Architect if a 10' offset does not function.
- The work shall be coordinated with other trades to prevent conflicts. Coordinate the planting with the irrigation work to ensure availability and proper location of irrigation items and plants.
- Contractor shall ensure that there are no visual obstructions to vehicle lines of sight and traffic controls. Contractor shall field adjust tree and/or shrub locations to avoid any such obstructions.
- Trees shall be maintained by the owner to avoid future such obstructions by pruning trees and/or shrubs as necessary utilizing horticulturally sound techniques.
- All planting shall be performed by personnel familiar with planting procedure and under the supervision of a qualified planting foreman.
- All plant material shall be graded Florida No. 1 or better as outlined under Grades and Standards for Nursery Stock, Part I and II, published by the Florida Department of Agriculture and Consumer Services.
- The minimum acceptable size of all plants, measured after pruning, with branches in normal positions, shall conform to the measurements specified on the plant list or as indicated on the landscape drawing. Height and spread dimensions refer to main body of the plant and not extreme branch tip to tip. Trunk caliper (trunk diameter) is measured 6 inches from the ground on trees up to and including 4 inches in caliper, and 12 inches from the ground for larger trees. Since trunks are seldom round, the average of the largest diameter and that perpendicular to it is referred to as caliper. When the plant list description calls out DBH or caliper at DBH, it shall govern over the caliper definition in this note.
- The Landscape Architect or Owner shall have the right, at any stage of the operations, to reject any and all work and materials which, in his opinion, do not meet with the requirements of these specifications.
- Except as otherwise specified, the Landscape Contractor's work shall conform to accepted horticultural practices as used in the trade.
- Plants shall be protected upon arrival at the site, by being thoroughly watered and properly maintained until planted.
- TOPSOIL**  
Topsoil shall be natural, friable, fertile, fine loamy soil possessing characteristics of representative topsoil in the vicinity that produces heavy growth. Topsoil shall have a pH range of 5.5 to 7.4, free from subsoil, objectionable weeds, litter, sods, stiff clay, stones larger than 1-inch in diameter, stumps, roots, trash, toxic substances, or any other material which may be harmful to plant growth or hinder landscaping operations. Top soil shall contain a minimum of three percent organic material. 6" Top Soil shall be placed in all turf & landscape areas.
- All tree pits shall be excavated to size and depth in accordance with the Florida Grades & Standards for Nursery Stock, unless shown otherwise on the drawings, and backfilled with the specified planting soil. The Landscape Contractor shall test fill all tree pits with water before planting to assure proper drainage/percolation is available.
- The Landscape Contractor shall be responsible for proper watering of all plants. All plants shall be thoroughly watered at time of planting and kept adequately watered for plants to thrive as defined by Florida Grades and Standards for Nursery stock until time of acceptance. It shall be the Landscape Contractor's responsibility to assure that plants are not over watered.
- It shall be the Landscape Contractor's responsibility to prevent plants from falling or being blown over, to re-straighten and replant all plants which lean or fall and to replace all plants which are damaged due to lack of proper guying or staking. The Landscape Contractor shall be legally liable for any damage caused by instability of any plant material.
- All Palms to be staked as indicated per Palm staking details. All other trees to be stabilized utilizing 8" lodge poles per tree planting details.
- Plants blown over by high winds, within the guaranteed period, shall not be cause for additional expense to the Owner, but shall be the responsibility of the Landscape Contractor. Damaged plants shall be replaced by the Landscape Contractor at no additional cost to the Owner.
- Sod shall be of a species specified on the drawings and originate from a commercial turf grower, whose farm is free of muck soils. Muck grown sod will not be approved. It shall be a dense stand of live turf, reasonably free of weeds, well matted with grass roots in rectangles 12 inch by 24 inch or in 12 inch wide rolls in a length consistent with the equipment and methods used to handle the rolls and place the sod. Any netting contained within the sod shall be certified by the manufacturer to be bio-degradable. The soil and root mat shall be a minimum of 1-1/2 inch thick and must hold together during placement. Sod shall be placed adjacent to one another to avoid gaps and overlaps. Joints shall be staggered between the rows. Sod placed on slopes exceeding 3:1 shall be pinned with turf staples. Sod turf, shall have been moved a minimum of one week prior to cutting and delivery, so that the length of the turf is no longer than 4 inches at time of delivery. Place sod within 48 hours of cutting the sod. The sod shall be kept moist throughout the 48 hour period to maintain the health and viability of the sod. Submit a letter of certification to the Owner's CEI Representative, at time of delivery, as to the source of the sod, the time it was cut, the species and cultivars provided, last mowing date, and that the sod is free of fire ants. Sod which has been cut for longer than 48 hours after being cut shall not be used unless specifically authorized by Owner's CEI Representative.
- It shall be the Contractor's responsibility to measure and determine the exact quantity of sod required for a complete job at the time of bidding or providing a price quote. The Owner shall not be responsible for additional cost due to the Contractor's under estimating of the quantity of sod for the original bid area.
- The Landscape Contractor shall insure adequate vertical drainage in all plant beds, planters, and sod areas. Vertical drilling through any compacted fill to native soil shall be accomplished to insure drainage. If well drained fill is necessary to assure positive drainage, this issue shall be brought up by the Landscape Contractor at time of bidding.
- UNSATURABLE SUBSOILS**  
Locations containing unsuitable subsoil shall be treated by one or more of the following:
  - Where unsuitability is deemed by Owner or Owner's Representative to be due to excessive compaction caused by heavy equipment and where natural subsoil is other than AASHTO classification of A6 or A7, loosen such areas with spikes, dicing, or other means to loosen soil to condition acceptable to Owner. Loosen soil to minimum depth of 12 inches with additional loosening as required to obtain adequate drainage. Contractor may introduce peat moss, sand, or organic matter into the subsoil to obtain adequate measures shall be considered as incidental, without additional cost to Owner.
  - Where unsuitability is deemed by Owner or Owner's Representative to be due to presence of boards, mortar, concrete, graded aggregate base, or other construction materials in sub grade and where natural subsoil is other than AASHTO classification of A6 or A7, remove such materials to a depth of 12 inches or as needed to provide adequate drainage. Replace excavated soil with planting soil.
  - Where unsuitability is deemed by Owner to be because natural subsoil falls into AASHTO classification of A6 or A7 and contains moisture in excess of 30 percent, then installation of sub drainage system or other means described elsewhere in Specifications shall be used. Where such conditions have not been known or revealed prior to planting time and they have not been recognized in preparation of the Drawings and Specifications, then Owner shall issue pricing order to install proper remedial measures.
  - Planting beds where existing subsoil is determined by Owner to be unsuitable for plant growth in accordance paragraph Unsuitable Subsoil herein shall be excavated to a depth of 12 inches or as needed to provide adequate drainage. Replace excavated soil with planting soil.
- The Landscape Contractor shall ensure that his work does not interrupt established or projected drainage patterns.
- The Landscape Contractor shall prune, shape and remove dead foliage/limbs from existing plant material to remain. Confirm with the Landscape Architect or Owner the extent of work required at time of Bidding.
- Mulch - All plant beds shall be top dressed with 3" shredded hardwood mulch (or approved equal). Cypress mulch not permitted, a 5' diameter mulch ring is to be placed around trees located in sod areas or outside of planting beds.
- Transplanted Material - The Landscape Contractor shall be responsible for determining and evaluating which plant materials are suitable for transplanting and shall verify this with the Landscape Architect or Owner. The Landscape Contractor shall take all reasonable, horticulturally acceptable measures to assure the successful transplanting of determined plant materials. The Landscape Contractor shall be responsible for recognizing any relocated plant materials which die if such measures are not taken, as determined by the Landscape Architect or Owner. Replacement plants shall be of identical species and size if required.
- MAINTENANCE PRIOR TO FINAL INSPECTION AND ACCEPTANCE:**
  - Maintenance shall commence after each plant is planted and the maintenance period shall continue until the job or specific phase of the job is accepted by the Landscape Architect or Owner. Extreme care shall be taken to instruct the Owner or his representatives in general maintenance procedures.
  - Plant maintenance shall include watering, pruning, weeding, cultivating, mulching, lightening, and repairing of guys, replacement of sick or dead plants, resetting plants to proper grades or upright positions and restoration of the planting saucer and all other care needed for proper growth of the plants.
  - During the maintenance period and up to the date of final acceptance, the Landscape Contractor shall do all seasonal spraying and/or dusting of trees and shrubs. Upon completion of all planting, an inspection for acceptance of work will be held. The Landscape Contractor shall notify the Landscape Architect or Owner for scheduling of the inspection 10 days prior to the anticipated date.
  - At the time of the inspection, if all of the materials are acceptable, a written notice will be given by the Landscape Architect or Owner to the Landscape Contractor Stating the date when the Maintenance Period ends.
- GUARANTEE AND REPLACEMENT:**
  - All plant materials shall be guaranteed for one (1) year from the time of final inspection and interim acceptance shall be alive and in satisfactory growth for each specific kind of plant at the end of the guaranteed period.
  - At the end of the guarantee period, any plant required under this contract that is dead or not in satisfactory growth, as determined by the Owner or the Landscape Architect, shall be removed and replaced. Replacement plants shall have an extended guarantee, as noted above, from time of replacement.
  - All replacements shall be planted of the same kind and size as specified on the plant list. They shall be the responsibility of the Landscape Contractor.

**MURPHY EXPRESS GENERAL LANDSCAPE NOTES**

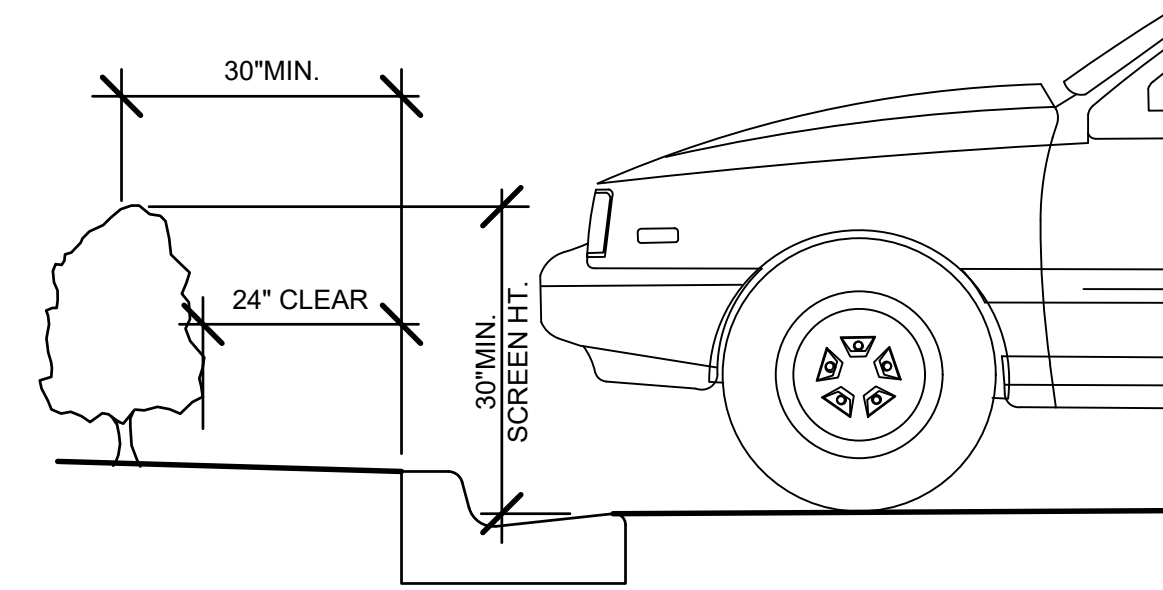
- LOCATE ALL UTILITIES AND SITE LIGHTING CONDUITS BEFORE LANDSCAPE CONSTRUCTION BEGINS.
- NOTIFY LANDSCAPE ARCHITECT OR DESIGNATED REPRESENTATIVE OF ANY LAYOUT DISCREPANCIES PRIOR TO ANY PLANTING.
- ALL SLOPES AND AREAS DISTURBED BY CONSTRUCTION SHALL BE GRADED SMOOTH AND FOUR INCHES OF TOPSOIL APPLIED. IF ADEQUATE TOPSOIL IS NOT AVAILABLE ON SITE, THE CONTRACTOR SHALL PROVIDE TOPSOIL, APPROVED BY THE OWNER, AS NEEDED. THE AREA SHALL THEN BE SODDED, FERTILIZED, MULCHED, WATERED AND MAINTAINED UNTIL HARDY GRASS GROWTH IS ESTABLISHED IN ALL AREAS. ANY RELOCATED TREES SHALL BE MAINTAINED UNTIL SUCH POINT AS TREE IS RE-ESTABLISHED. ANY AREAS DISTURBED SHALL ANY REASON PRIOR TO THE FINAL ACCEPTANCE OF THE PROJECT SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR IS TO VERIFY IF APPLICABLE THE LOCATION OF THE MASTER DEVELOPMENT IRRIGATION SYSTEM, VALVE BOXES, CONTROL BOXES, BACKFLOW PREVENTION DEVICES AND OTHER ITEMS WHICH ARE PART OF THE SYSTEM, IF DAMAGED THEY MUST BE REPAIRED AT CONTRACTOR'S COST.
- CONTRACTOR IS TO PROTECT EXISTING LANDSCAPING/IRRIGATION MATERIALS.
- ACCEPTANCE OF GRADING AND SEEDING SHALL BE BY THE OWNER. THE CONTRACTOR SHALL ASSUME MAINTENANCE RESPONSIBILITIES FOR A MINIMUM OF ONE (1) YEAR OR UNTIL SECOND CUTTING, WHICH EVER IS LONGER. MAINTENANCE SHALL INCLUDE WATERING, WEEDING, RESEEDING AND OTHER OPERATIONS NECESSARY TO KEEP ALL LAWN AREAS IN A THRIVING CONDITIONS. UPON FINAL ACCEPTANCE, OWNER SHALL ASSUME ALL MAINTENANCE RESPONSIBILITIES. AFTER LAWN AREA HAVE GERMINATED, AREAS WHICH FAIL TO SHOW A UNIFORM STAND OF GRASS FOR ANY REASON WHATSOEVER SHALL BE RE-SEEDING REPEATEDLY UNTIL ALL AREAS ARE COVERED WITH A SATISFACTORY STAND OF GRASS. MINIMUM ACCEPTANCE OF SEEDING LAWN AREAS MAY INCLUDE SCATTERED BARE SPOTS, NONE OF WHICH ARE LARGER THAN 1 SQUARE FOOT, AND WHEN COMBINED DO NOT EXCEED 2% OF TOTAL SEEDING LAWN AREA.
- ALL PERMANENT TURF AREAS SHALL BE SOD.
- FERTILIZE ALL PLANTS AT THE TIME OF PLANTING WITH TIME RELEASE FERTILIZER.
- SEE DEVELOPMENT PLAN FOR APPLICATION OF TOPSOIL AND MAINTENANCE OF SEEDING AREAS.
- SINGLE PROCESSED NON-CYPRESS HARDWOOD MULCH SHALL BE USED AS A FOUR INCH (4") TOP DRESSING IN ALL PLANT BEDS AND AROUND ALL TREES. SINGLE TREES OR SHRUBS SHALL BE MULCHED TO THE OUTSIDE EDGE OF THE SAUCER OR LANDSCAPE ISLAND (SEE PLANTING DETAILS).
- ALL PLANT MATERIAL SHALL BE WARRANTED FOR A PERIOD OF 1 YEAR AFTER PLANTING. IF ANY PLANTS DIE BEFORE THEY END OF 1 YEAR THEY SHALL BE REPLACED, AT NO COST TO THE OWNER, BY A PLANT OF SIMILAR SIZE AND SPECIES.
- ALL TREES SHALL BE PLANTED PER DETAILS, SHEET L5.0.
- GC SHALL INCORPORATE PRE-EMERGENT HERBICIDE AND WEED BARRIER FABRIC IN ALL MULCH AND PLANTING AREAS.
- IF A CONFLICT ARISES BETWEEN THESE AND THE GENERAL LANDSCAPE NOTES, THESE WILL TAKE PRECEDENCE.



-PROVIDE MINIMUM PIT CLEARANCE AROUND ROOT BALL OF 6" SIDES AND BOTTOM.  
-MAINTAIN 3"-4" MULCH FREE ZONE AROUND BASE OF PLANT.

**SHRUB AND GROUND COVER PLANTING DETAIL**

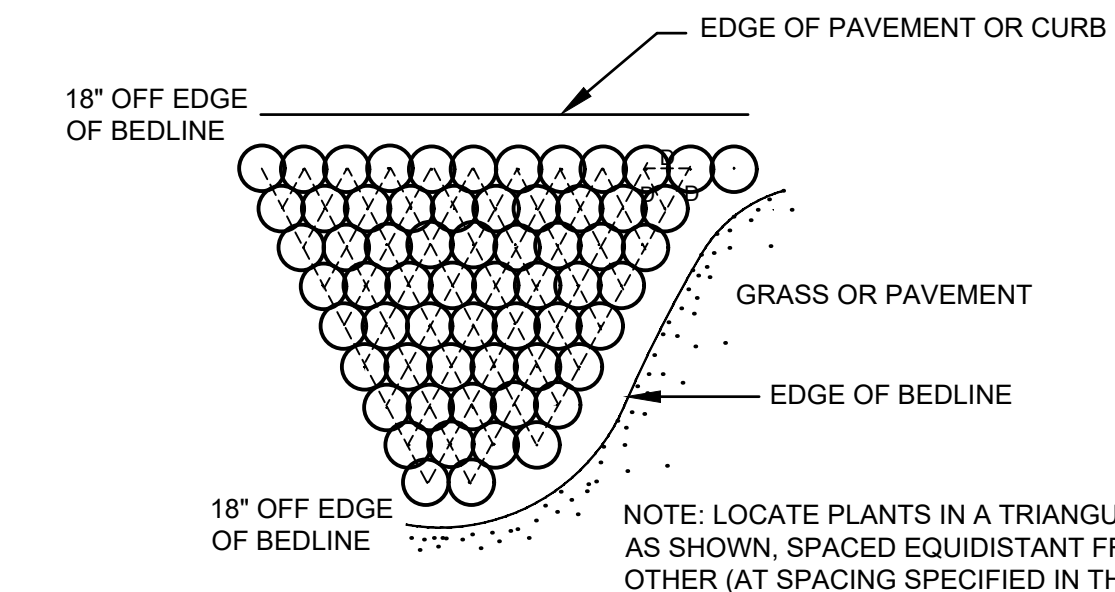
N.T.S.



NOTES:  
INSTALL HEDGE ALONG PARKING BAYS A MINIMUM OF 30" BEHIND BACK OF CURB TO ALLOW FOR 24" VEHICULAR OVERHANG. AT TIME OF INSTALLATION, HEDGE SHALL SCREEN A MINIMUM OF 30" ABOVE FINISH GRADE OF PARKING STALLS.

**TYPICAL SECTION - HEDGE INSTALLATION**

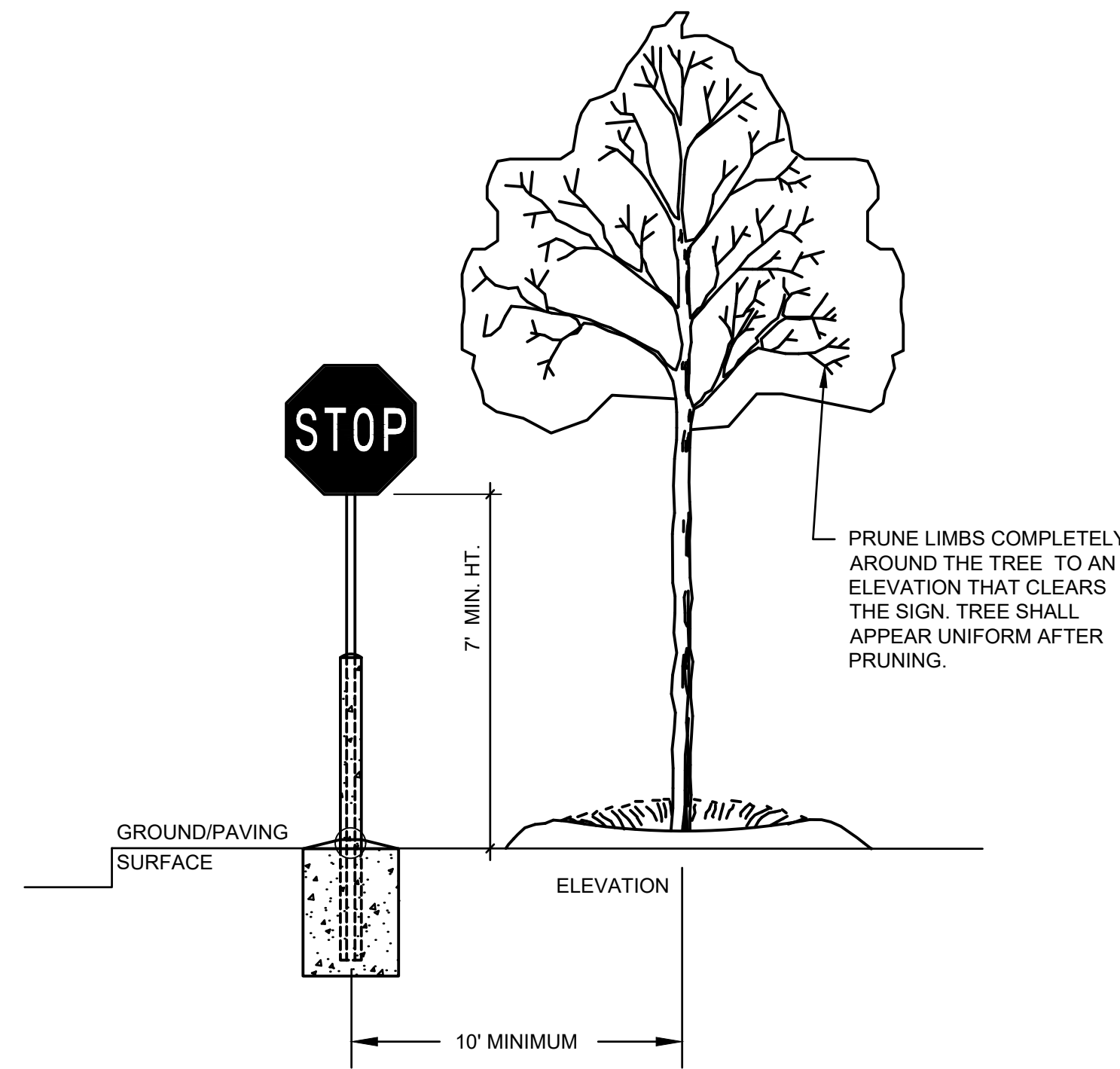
N.T.S.



NOTE: LOCATE PLANTS IN A TRIANGULAR PATTERN AS SHOWN, SPACED EQUIDISTANT FROM EACH OTHER (AT SPACING SPECIFIED IN THE PLANT LIST).

**SHRUB/GROUND COVER SPACING PLAN**

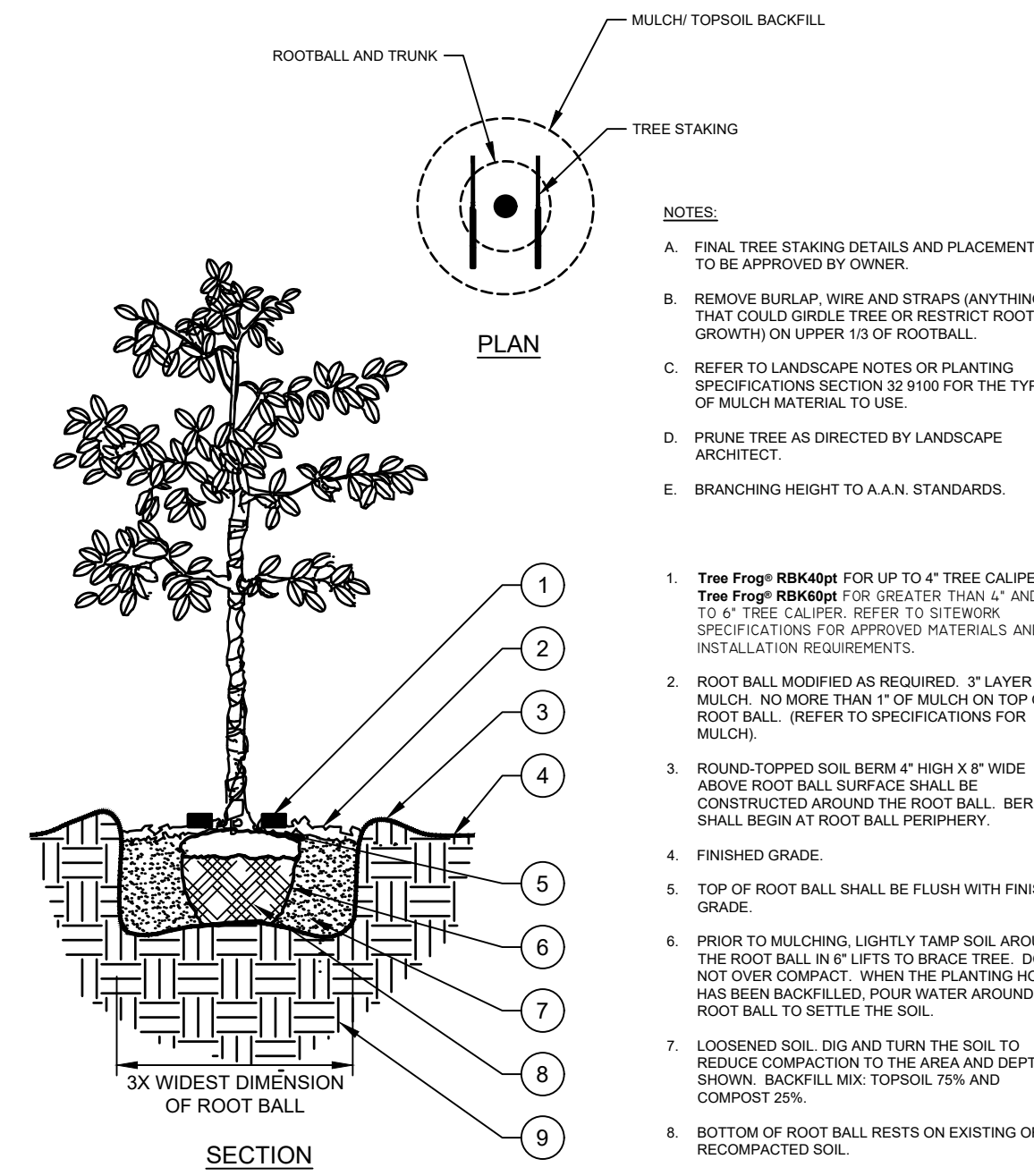
N.T.S.



ALL TREES TO BE PLANTED NO CLOSER THAN 10' IN ALL DIRECTIONS FROM ANY TRAFFIC SIGNS

**TREE PLANTING AT TYPICAL SIGN**

N.T.S.



**SMALL TREE PLANTING (14' OR LESS)**

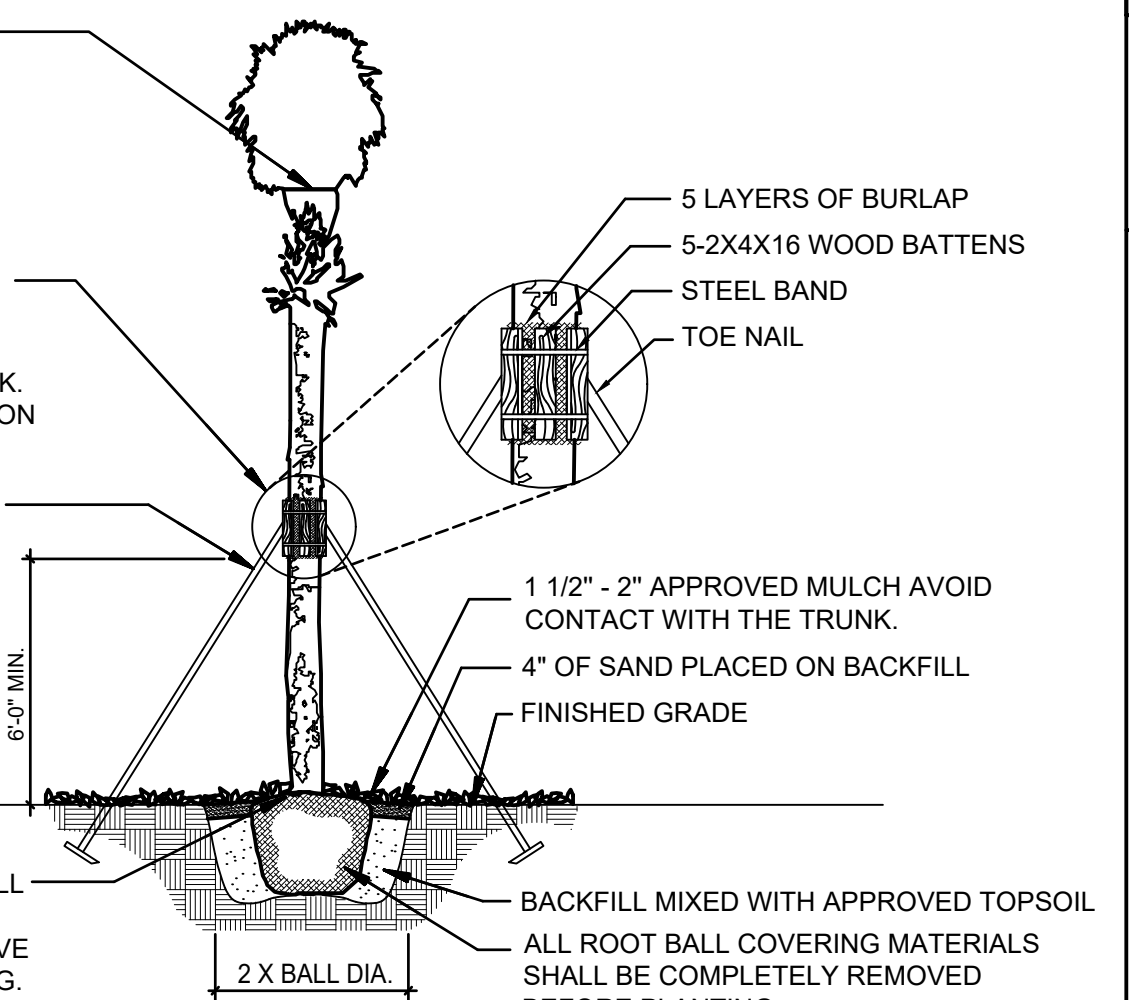
N.T.S.

5-7 HEALTHY FRONDS MINIMUM. TIE FRONDS WITH BIODEGRADABLE TWINE. HEAD TO REMAIN TIED UNTIL PALM PUSHES IT OPEN. CABBAGE PALMS TO BE "HURRICANE CUT"

SECURE BATTENS WITH 2-3/4" STEEL BANDS TO SECURE BATTENS DURING PLANTING PROCESS. DO NOT NAIL BATTENS TO PALM TRUNK. HEIGHT SHALL BE LOCATED IN RELATION TO THE HEIGHT OF THE PALM.

3-2X4 WOOD BRACES STAKED WITH A 2X4X24" STAKE PAD BURIED 3" BELOW GRADE.

PLANT SO THAT THE TOP OF ROOT BALL IS EVEN WITH THE FINISHED GRADE AFTER SETTLEMENT, APPROX. 1" ABOVE FINISHED GRADE AT TIME OF PLANTING.



**PALM STAKING DETAIL**

N.T.S.

SHEET NO.

LS-5

Jun 09, 2023

JOB NO. M3889

N.R.C.

D.R.B.

A.M.D.

T.H.H.

5/1/23

REV-1

DATE

PRN

PM

DES

DRW

FLORIDA

MURPHY USA

10575 US HWY 1

PORT SAINT LUCIE

LANDSCAPE NOTES AND DETAILS

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MURPHY USA

CITY OF PSL # P23-054 (SP), P23-056 (SEU)

PSLUSD #11-033-0017