

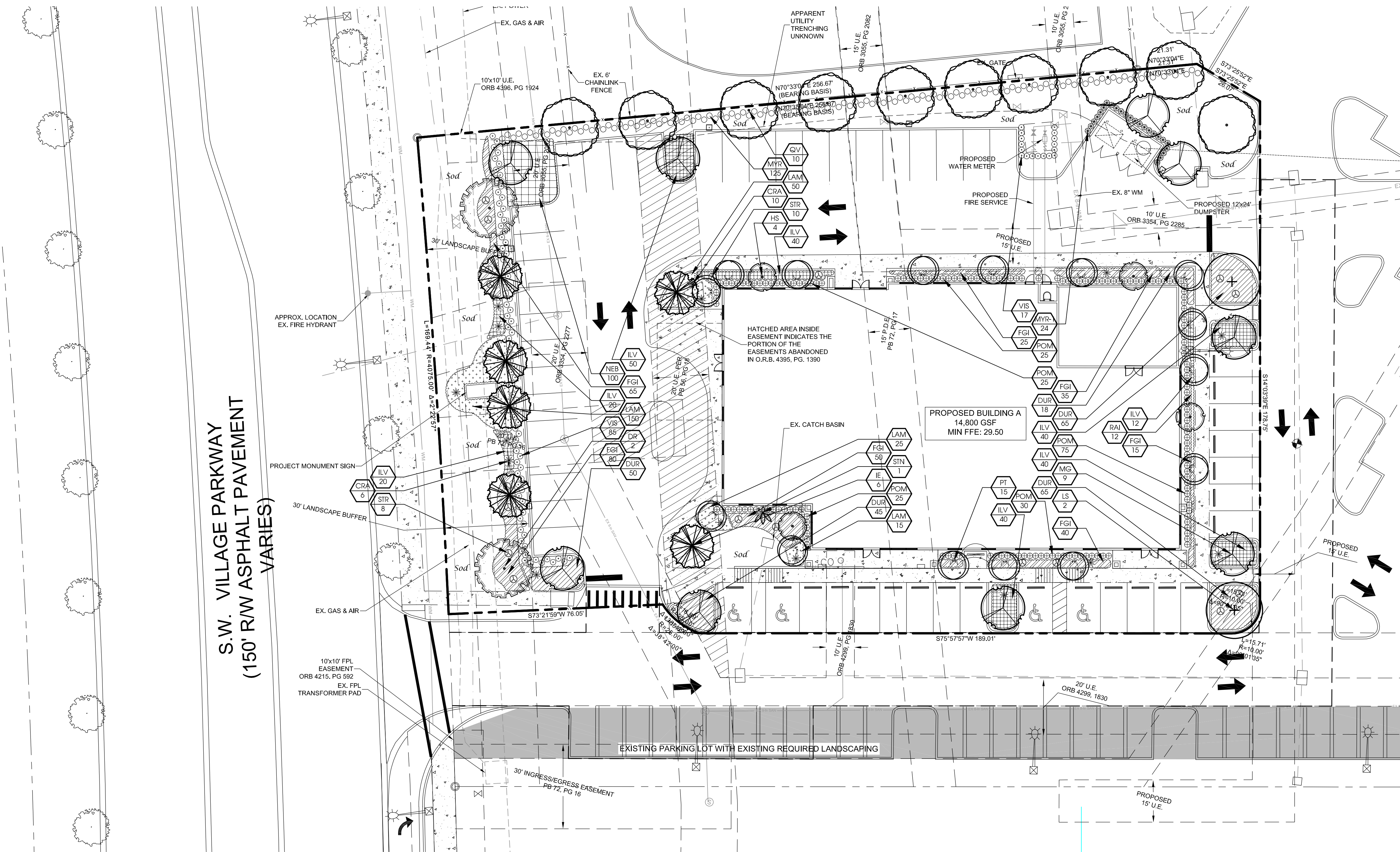


Jeffrey W. Smith, RLA
Florida Registration Number:
LA 0001635

Job No. 21-0305
Drawn By JWS
Submittal Dates 4-5-2021
6-16-2021

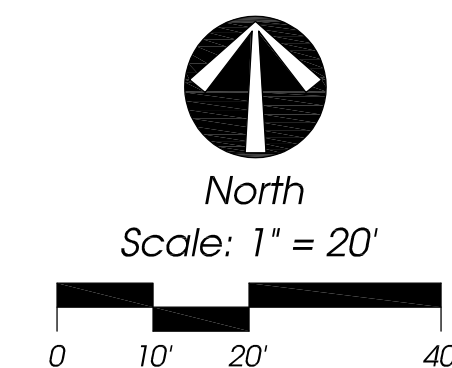
Revision Dates
New Base 6-16-2021

These drawings are the property of the landscape architect and are not to be used for other projects except by written permission from the landscape architect. Report any discrepancies immediately to the landscape architect.



S.W. VILLAGE PARKWAY
(150' RW ASPHALT PAVEMENT
VARIES)

Landscape Plan



Landscape Specifications

- All tree and plant material to be Florida No. 1 or better, as classified in "Grades and Standards for Nursery Plants", Part 1 and Part II, State of Florida, Dept. of Agriculture, Tallahassee. All plants not listed in "Grades and Standards for Nursery Plants" shall conform to a Florida No. 1 as to: (1) health and vitality, (2) condition of foliage, (3) root system, (4) freedom from pest or mechanical damage, (5) heavily branched and densely foliated according to the accepted normal shape of the species.
- Undersiding or substitution of one species or cultivar for another species is a breach of contract and will be "Rejected" at the time of final landscape inspection unless approved by Landscape Architect.
- Project Warranty: All plant material shall be warranted for a period of one (1) year after date of substantial completion against defects, including death and unsatisfactory growth, except for defects resulting from abuse or damage by others or unusual phenomena or incidents which are beyond the contractor's control.
- All plants to be set to ultimate grade. No filling will be permitted around trunks or stems. Mulch to be kept a minimum of 2" away from trunks and stems.
- Planting trees and shrubs: Excavate hole per planting detail. When plant is set, place additional backfill consisting of a 50% mixture of Peat humus and natural soil around the base and sides of ball, and work each layer to settle backfill and eliminate voids and air pockets. When excavation is approximately 2/3 full, water thoroughly before placing remainder of backfill. Water again after placing final layer of backfill and before installing mulch.
- Mulch planting areas with 3" layer of Melaleuca, Eucalyptus, or Enviro-mulch. Cypress Mulch NOT ACCEPTABLE. Planting beds to receive mulch throughout entire bed area.
- All plants to be set to ultimate grade. No filling will be permitted around trunks or stems. Mulch to be kept a minimum of 2" away from trunks and stems.
- Planting trees and shrubs: Excavate hole per planting detail. When plant is set, place additional backfill consisting of a 50% mixture of Peat humus and natural soil around the base and sides of ball, and work each layer to settle backfill and eliminate voids and air pockets. When excavation is approximately 2/3 full, water thoroughly before placing remainder of backfill. Water again after placing final layer of backfill and before installing mulch.
- Guy and stake trees in 3 directions with galvanized wire, through flexible hose chafing guards, with wooden stake anchors immediately after planting. (See Detail)
- Trees and shrubs shall be fertilized with a complete natural organic fertilizer with a ratio of approximately 3:0:2 or 3:0:3 (e.g. one labeled 12-0-8). Similar analysis such as 16-0-8 (4:0:2) can also be used. Fertilizers that are slow release, controlled release, sulphur coated or with nitrogen as IBDU or ureaformaldehyde have extended release period. Thirty to fifty percent of the nitrogen should be water insoluble or slow release.
- Palms should receive a complete granular fertilizer formulated for palms ("Palm Special") at a rate of 5 to 8 lbs. per palm.

Agform 20-0-5 twenty-one gram planting tablets may be substituted for granular fertilizer. If utilized, the following rates shall be utilized: Position plant in hole. Backfill halfway up the rootball. Place tablet(s) beside rootball about 1" from root tips. Do not place tablet(s) in bottom of hole.

- 1 Gallon 1 Tablet
- 3 Gallon 2 Tablets
- 25 Gallon & B&B Trees 2 per 1" caliper

- All planting areas and sod to be irrigated to provide 100% coverage. Shop drawings to be submitted by the irrigation contractor for approval prior to installation.
- Maintain trees, shrubs, and other plants by watering, cultivating, and weeding as required for healthy growth. Restore planting saucers and mulch. Tighten and repair stake and guying and reset trees and shrubs to proper grade or vertical position as required. Spray as necessary to keep trees and shrubs free of insects and disease. The contractor shall begin maintenance immediately after planting and shall continue maintenance through final acceptance when Certificate of Occupancy is issued to the General Contractor by City and project is released by the General Contractor to Client.
- Prune trees and shrubs to damaged branches as directed by the Landscape Architect.
- Planting Lawns: Provide clean, strongly rooted, uniformly sized strips of Stenotaphrum secundatum Floriam (unless otherwise noted), machine stripped not more than 24 hours prior to laying. Grade and roll prepared lawn surface. Water thoroughly but not to create muddy soil conditions. Lay sod strips with tight joints, roll or tamp lightly, and water thoroughly.
- Maintain positive drainage, no planting is to block drainage.
- Drainage Testing:
 - Prior to planting of trees, palms, and specimen material, each planting pit shall be tested in the following manner to verify adequate drainage.
 - Dig each planting pit to the minimum specified size.
 - Fill the planting pit with (12) twelve inches of water. If the water level in the planting pit drops (4") four or more inches within (4) four hours, the drainage is sufficient and a drainage channel is not required. If the water level drops less than (4") four inches within the (4) four hour period, then a drainage channel is required.
 - When a drainage channel is required, the drainage channel must extend down through the non porous soil and into porous soil. (See Drainage Testing Detail)
 - Discard all material removed from the drainage channel.
 - When backfilling the planting pit, add course gravel to the drainage channel. Also, care must be taken to keep the consistency of the soil mix the same throughout the planting pit.

- NOTES:
- Contractor to include drainage testing for all trees and palms in bid. If drainage is inadequate, the soil specification in Item #8 above shall be revised for site conditions. Contractor shall notify the Owner and Landscape Architect of poor drainage conditions in writing and written direction will be provided to the contractor of appropriate soil mixture specification to be used.
 - All fertilizers shall meet the City of Port St. Lucie's fertilizer ordinance.

Plant List

QTY	SYM	SPECIES	COMMON NAME/DESCRIPTION	SIZE	SPACING	REMARKS
CANOPY / ORNAMENTAL TREES						
2	DR	DELONIX REGIA	ROYAL POINCIANA	14' x 6', 3" CAL.	A.S.	FULL CANOPY
6	IE*	ILEX x ATTENUATA 'EAGLESTON'	EAGLESTON HOLLY	14' x 6', 3" CAL.	A.S.	FULL CANOPY
2	LS	LAGERSTROEMIA SPECIOSA	QUEEN'S CREPE MYRTLE	14' x 6', 3" CAL.	A.S.	FULL CANOPY
9	MG*	MAGNOLIA GRANDIFLORA	D.D. BLANCHARD MAGNOLIA	14' x 6', 3" CAL.	A.S.	FULL CANOPY
10	QV*	QUERCUS VIRGINIANA	LIVE OAK	#100, 14' x 6', 3" CAL.	A.S.	FULL CANOPY, 5' C.T. MIN.
PALMS						
15	PT	PTYCHOSPERMA ELEGANS	ALEXANDER PALM	12" C.T.	A.S.	FULL CANOPY, STRAIGHT DOUBLE TRUNKS, MATCHED
LARGE SHRUBS / ACCENTS						
4	HS	HIBISCUS STANDARD	YELLOW MOON HIBISCUS TREE	4' x 3'	A.S.	FULL & THICK
18	CRA	CRINUM AUGUSTIUM	QUEEN EMMA SUPREME CRINUM	#15, 3' x 2'	A.S.	FULL & THICK
125	MYR*	MYRICANTHES FRAGRANS	SIMPSON STOPPER	#15, 4' x 2'	2' O.C.	FULL & THICK, STAGGER HEDGE
24	MYR-1*	MYRICANTHES FRAGRANS	SIMPSON STOPPER	#3, 2' x 2'	2' O.C.	FULL & THICK
188	POM	PODOCARPUS MAKII	PODOCARPUS	#3, 2' x 2'	2' O.C.	FULL & THICK
1	STN	STRELITZIA NICOLAI	WHITE BIRD OF PARADISE	8' O.A.	A.S.	FULL & THICK
18	STR	STRELITZIA REGINEA	ORANGE BIRD OF PARADISE	#15, 3' x 2'	A.S.	FULL & THICK
102	VIB	VIBURNUM SUSPENSUM	SANDANKWA VIBURNUM	#7, 3' x 2'	2' O.C.	FULL & THICK, STAGGER HEDGE
MED. SHRUBS / GROUNDCOVERS / VINES						
243	DUR	DURANTA ERECTA	GOLD MOUND	#3, 12" x 12"	2' O.C.	FULL & THICK
310	FGI	FICUS MICROCARPA 'GREEN ISLAND'	GREEN ISLAND FICUS	#3, 12" x 12"	2' O.C.	FULL & THICK
262	ILV*	ILEX VOMITORIA	DWARF YAUPON HOLLY	#3, 12" x 12"	2' O.C.	FULL & THICK
240	LAM	LANTANA MONTEVIDENSIS	PURPLE LANTANA	#1, 12" x 12"	2' O.C.	FULL & THICK
100	NEB*	NEPHROLEPIS EXALTATA	BOSTON FERN	#1, 12" x 12"	2' O.C.	FULL & THICK
12	RAI*	RAPHIOLEPIS INDICA	INDIAN HAWTHORNE	#3, 12" x 12"	2' O.C.	FULL & THICK
SOD						
			STENOTAPHRUM SECUNDATUM	ST. AUGUSTINE SOD	SEE SPECS	

* = Florida Native

Landscape Data

Perimeter Landscaping Adjacent to Road Right-of-way

Trees
 Required - (1 Tree/30 I.F.) - 169.44 I.F./30 = 6 Trees
 Provided - 6 Trees

Shrubs
 Required - Continuous Hedge 2' O.C. = 85 Shrubs
 Provided - 85 Shrubs

Perimeter Landscaping Adjacent to Another Property

Trees
 Required: (1 Tree/30 I.F.) - 304 I.F./30 = 10 Trees
 Provided: 10 Trees

Shrubs
 Required: Continuous Hedge 2' O.C. = 152 Shrubs
 Provided: 152 Shrubs

Parking Area Interior Landscaping

Required Terminal/Interior Island Trees - 1 Tree per Terminal/Interior Island = 9 Trees
 Total Terminal/Interior Island Trees Provided = 9 Trees

Palm Requirements

Required: No more than 25% of required trees may be palms
 Total Trees & Palms = 42
 Total Palms = 0 (Excludes Foundation Palms)
 Provided: Palms = 0 / 42 = 0%

Trees Requirements

Total Trees Required: 42
 Total Trees Provided: 42

Native Plants

Trees:
 Required: 50% of all required trees shall be native
 Total Trees = 29
 Provided: Native Trees = 25 / 29 = 86%

Shrubs:
 Required: 25% of all required shrubs shall be native
 Total Shrubs = 1,645
 Provided: Native Shrubs = 511 / 1,645 = 31%

Flowering Trees

Required: 20% of all required trees shall be flowering
 Total Trees = 29 (Not Including Palms) x 20% = 6
 Provided: Flowering Trees = 13 = 45%

Landscape Island Evergreen Shade Trees

Required: 75% of all required trees located within landscape islands shall be evergreen shade trees
 Total Landscape Islands = 9 x 75% = 7 Trees
 Provided: Landscape Islands with Evergreen Shade Trees = 9 = 100%

Tree Species Mix

Required: When 41+ trees are required the minimum species mix = 5
 Provided: 5

Building Facades

Trees
 Required - 1 Tree / 30 I.F. of Building Perimeter
 514 I.F. of Building Perimeter / 30 I.F. = 17 Trees
 Provided - 17

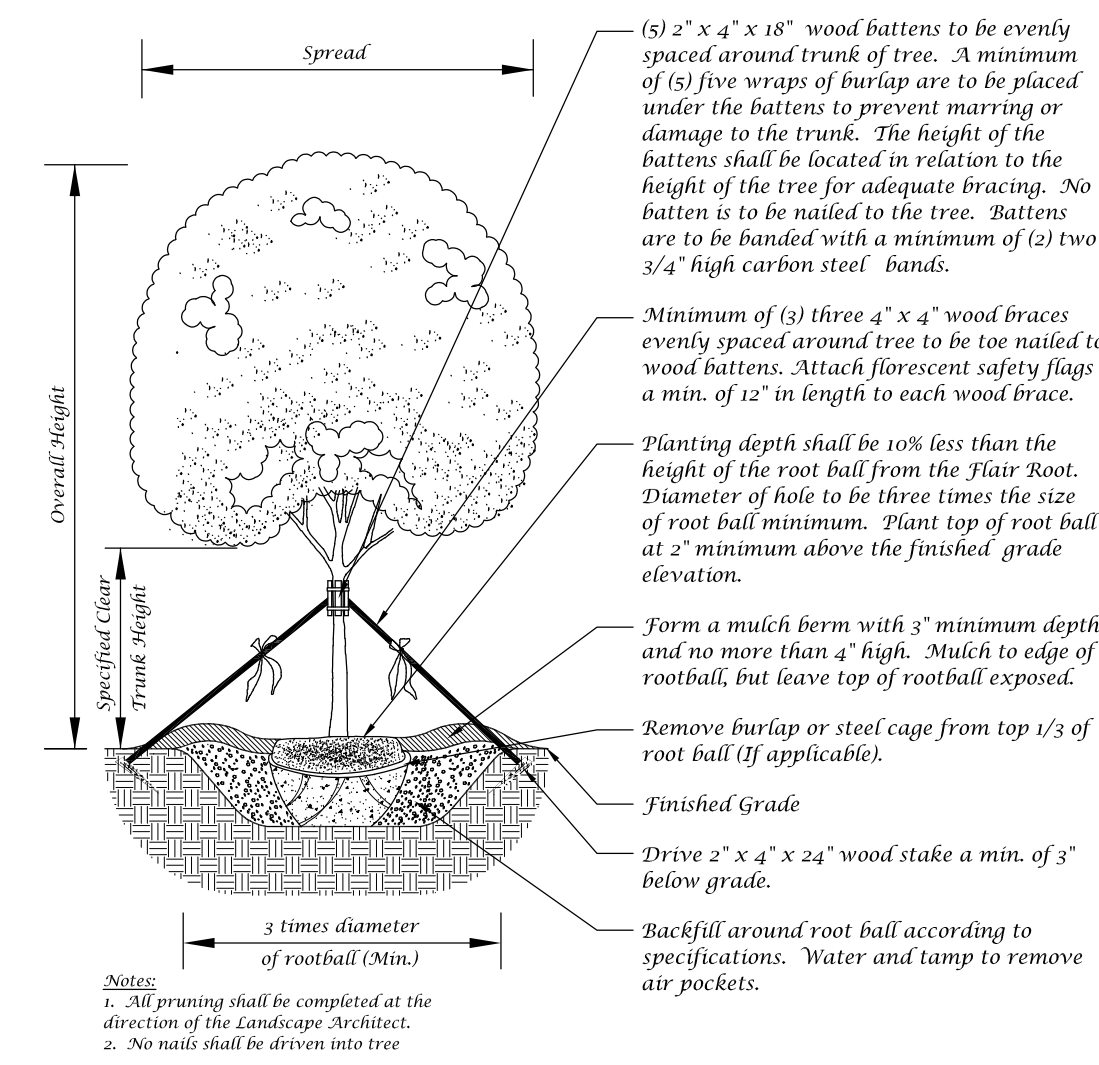
Shrubs

Require - 1 Shrub / 1.5 I.F. of Building Perimeter
 Excluding Paved Access Areas = 350 I.F. / 1.5 = 233 Shrubs
 Provided - 233 Shrubs

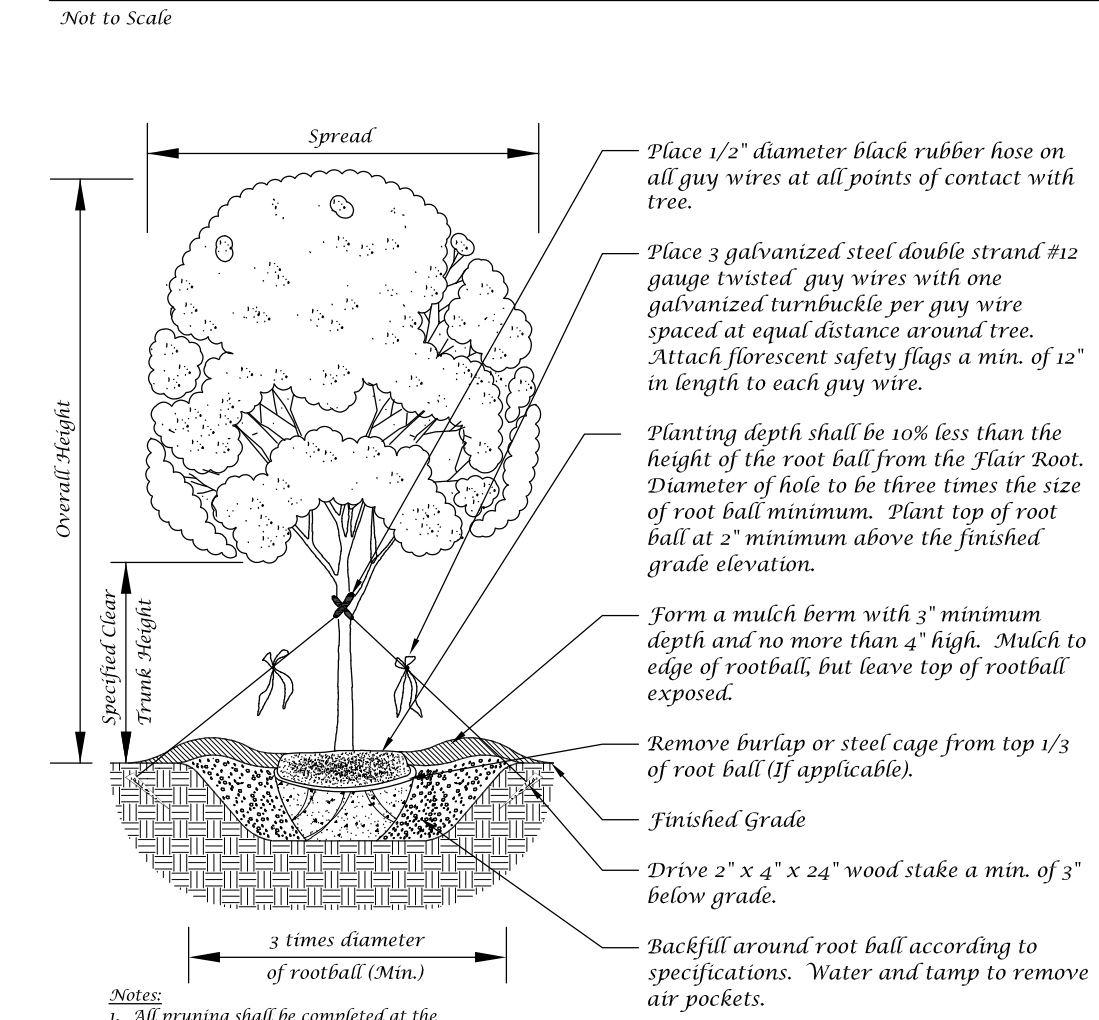
Dumpster

Required - Hedge / Vine 2' O.C. 48 I.F. / 2 = 24 Shrubs
 Provided - 24 Shrubs

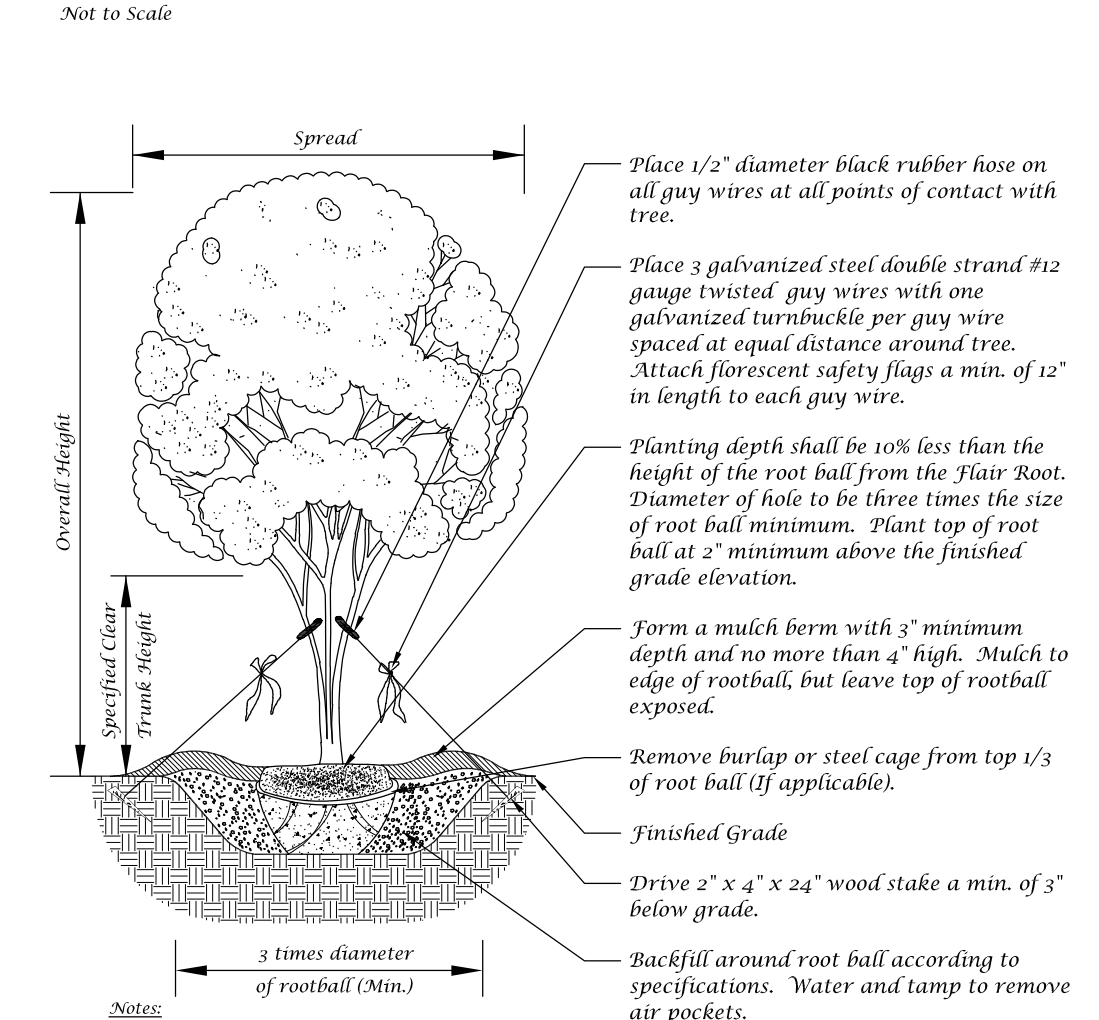
Landscape Details



Large Tree Planting Detail (5" Caliper or Greater)



Tree Planting Detail

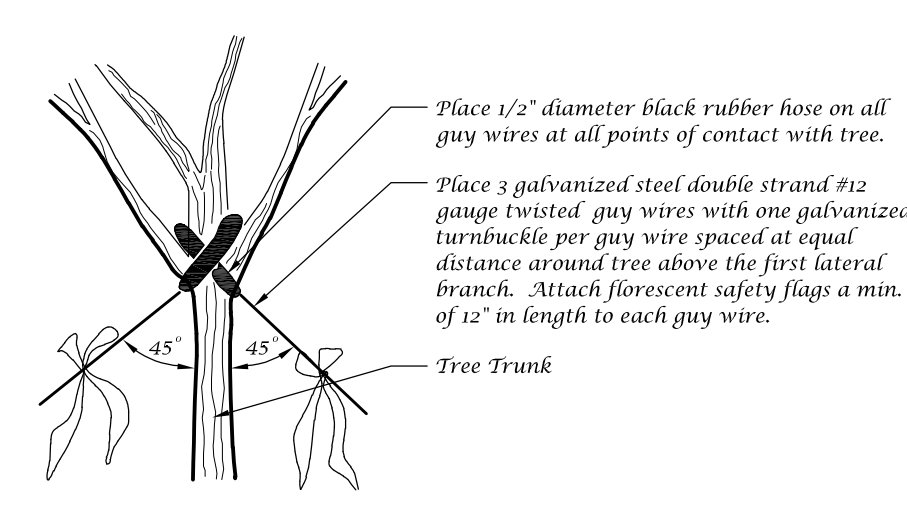


Multi-Trunk Tree Planting Detail

Not to Scale

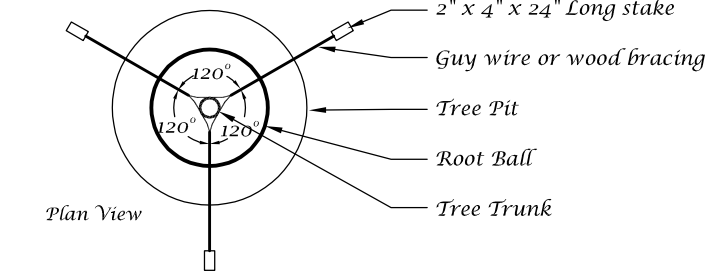
Port St. Lucie Utility Systems Department Notes

- No landscaping shall be planted in such a manner as to adversely affect drainage or utility easements.
- Trees with a maximum mature height great enough to interfere with overhead power lines shall not be planted below overhead power lines. Such trees with a maximum mature height less than the height of the overhead power line shall be selected from Appendix C, Table 1, Type B Trees. No tree shall be planted within 10 feet of any existing utility pole, guy wire, or pad mounted transformer (See FPL's publication "Plant the Right Tree in the Right Place" for placement and maintenance requirements.).
- All landscaping within Port St. Lucie Utility Systems Department (PSLUSD) utility easements shall comply with PSLUSD technical specifications, policies, and codes.
- No landscaping other than sod grasses may be planted within a 5' radius maintenance area of any PSLUSD appurtenance area such as water meters, backflow devices, fire hydrants, sanitary sewer cleanouts, and manholes, air release valves, etc. Trees shall not be planted within ten (10) feet of any PSLUSD infrastructure. All measurements are from outside to outside, not centerline to centerline. Example: outside of pipe to nearest point on tree trunk.
- In locations where the perimeter landscape buffers must be designed to be located in utility easements due to site constraints, the trees, palm trees and shrubs shall be selected from the list in §153.04(B)(3)(d) and used in these areas to meet the landscape buffer requirements. Trees and palm trees may be planted not less than seven (7) feet from the underground PSLUSD infrastructure. The remainder of the landscape strip shall be planted with grass and ground cover.



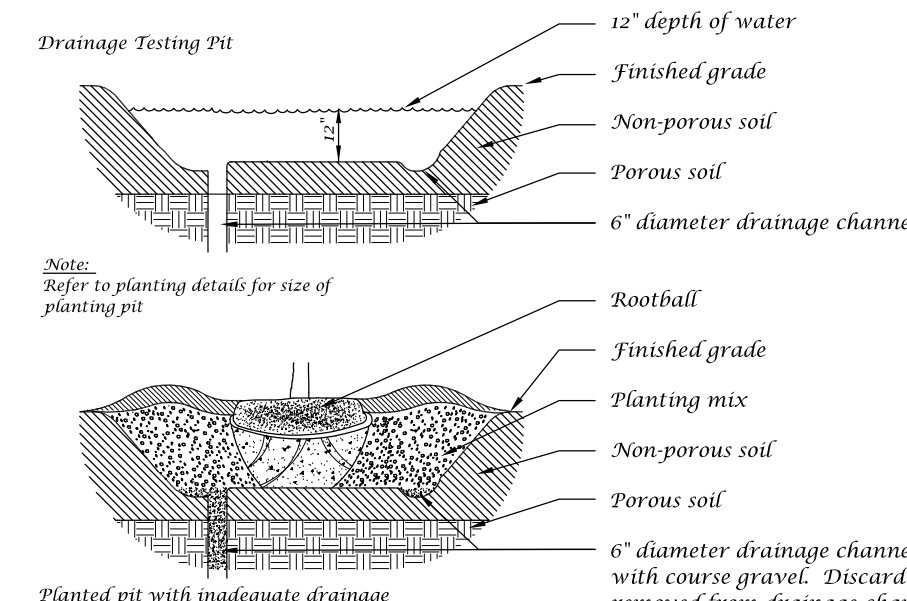
Guy Wire Attachment Detail

Not to Scale



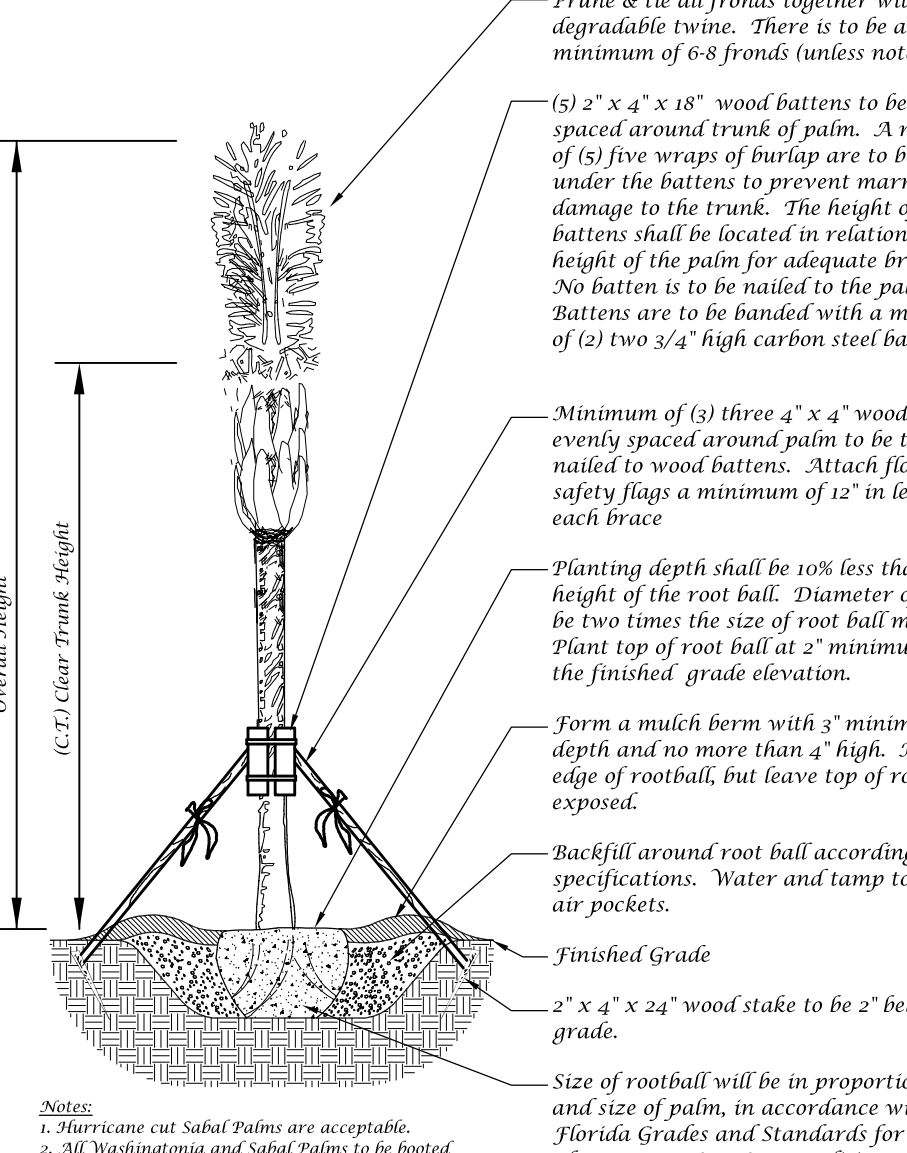
Staking Detail

Not to Scale



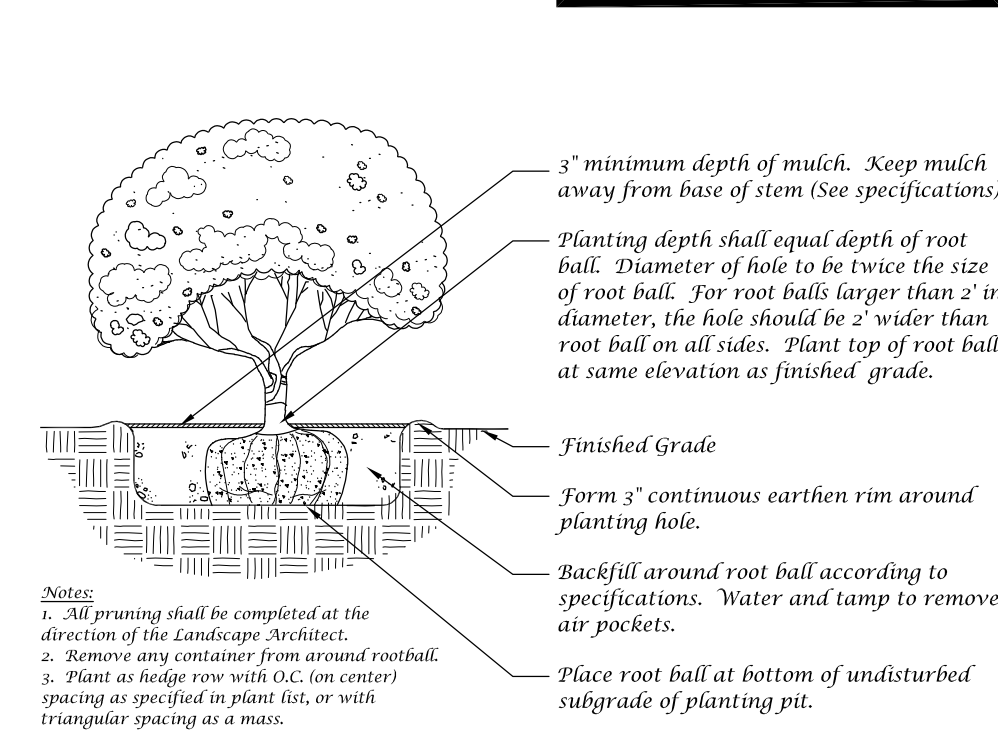
Drainage Testing Detail

Not to Scale



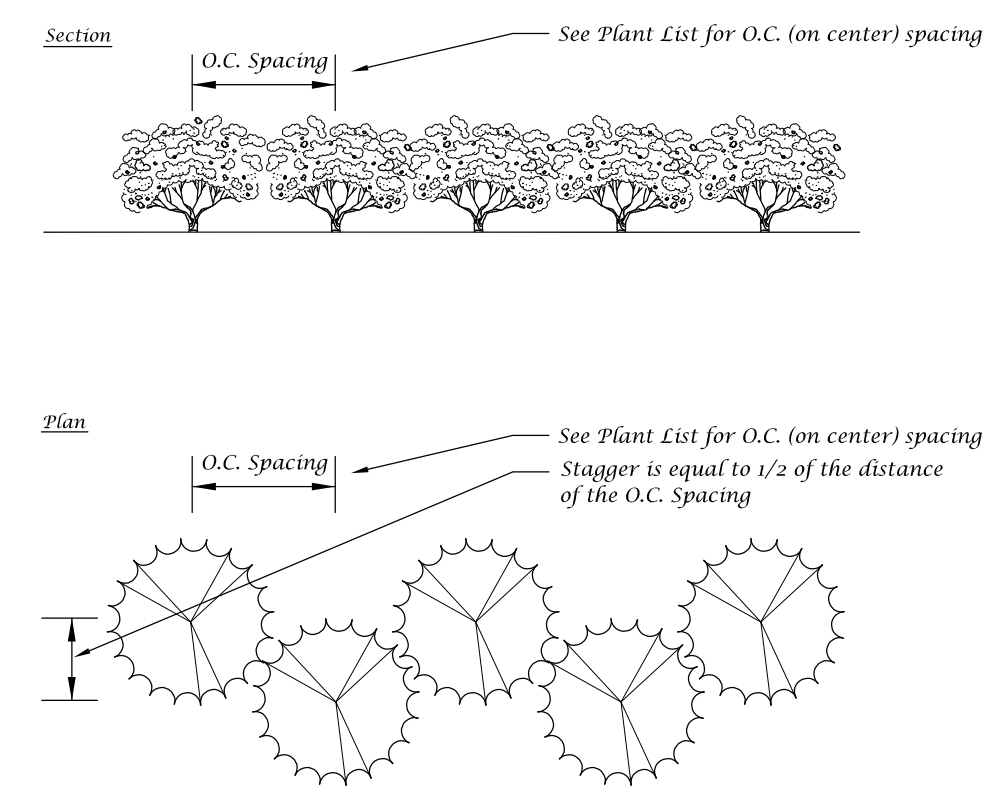
Palm Planting Detail

Not to Scale



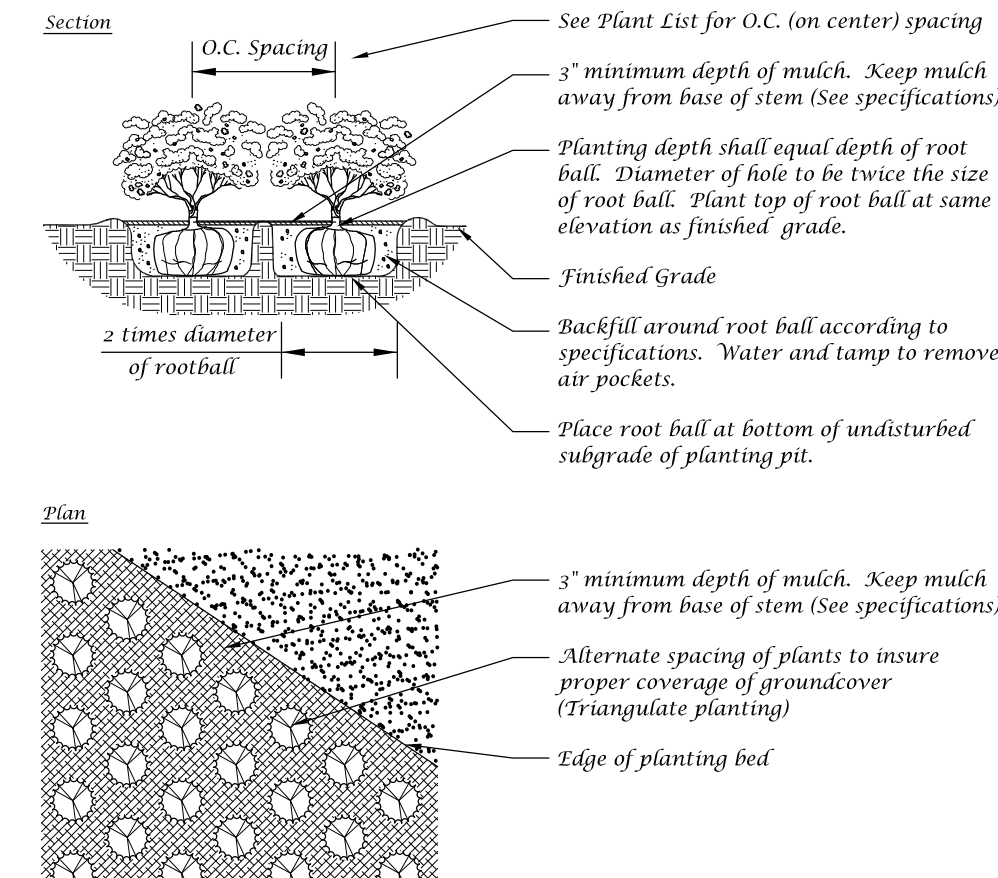
Shrub Detail

Not to Scale



Staggered Shrub Detail

Not to Scale



Ground Cover Detail

Not to Scale

Port St. Lucie Engineering Department Notes

- The landscape plans meet the City's sight distance and clear zone requirements from Section 158.204 of the Code for 10' requirements.

General Notes

- No plant substitutions can be made without the City of Port St. Lucie's approval.
- All required landscape improvements must be inspected and approved by the City of Port St. Lucie prior to the issuance of a Certificate of Occupancy.
- Any existing landscaping, sod, or irrigation damaged or destroyed during the construction shall be replaced prior to the final inspection.
- All prohibited, exotic and invasive species shall be removed from the entire site prior to issuance of certificate of occupancy.
- Planting adjacent to fire hydrants is to have a minimum clear radius of 7.5' as required by the NFPA Uniform Fire Code Florida Edition 16.3.4.1 Hydrants. All fire hydrants and fire check-valves shall have a minimum of 7.5' from the front and sides and 4' from the rear to all landscape material per the Florida Fire Prevention Code.

Landscape Plan

Conceptual Design Group, Inc.
 Landscape Architecture - Site Planning
 900 East Ocean Boulevard, Suite 1300
 Stuart, Florida 34994
 (772) 244-2340
 LC: 26000198

Florida Vision Realty

Tradition - City of Port St. Lucie, Florida

Tradition

City Project Number: P16-165-A1

Job No.	21-0305
Drawn By	JWS
Submission Dates	4-5-2021 6-16-2021
Revision Dates	
New Base	6-16-2021

Jeffrey W. Smith, RLA
 Florida Registration Number:
 LA 0001635

L-2 2
 Sheet of

These drawings are the property of the landscape architect and are not to be used for other projects except by written permission from the landscape architect. Report any discrepancies immediately to the landscape architect.