

PROTECTIVE BARRICADES SHALL BE INSTALLED NO CLOSER THAN SIX FEET TO ANY PROTECTED PALM TREE. PROTECTIVE BARRICADES SHALL BE REINSTALLED AT THE DRAIN LINE OF ALL PROTECTED TREES.

BARRICADES SHALL BE CONSTRUCTED USING 2X2X4 WOODEN POSTS. THE MAXIMUM DISTANCE BETWEEN WOODEN POSTS SHALL BE 4 FEET. POSTS SHALL BE CONNECTED USING CONTINUOUS BRIGHTLY COLORED ALL WEATHER MESH MATERIAL OR EQUIVALENT.

NOTE: EXOTIC VEGETATION AND EXISTING VEGETATION REMOVAL WITHIN THE BARRICADED AREAS (PROTECTED ROOT ZONE) OF EXISTING TREES TO REMAIN SHALL BE DONE BY HAND METHODS. ALL TREE BARRICADES SHALL REMAIN IN PLACE UNTIL ALL CONSTRUCTION ACTIVITIES ARE COMPLETED. ALL EXISTING TREES AND UNDERSTORY VEGETATION TO REMAIN SHALL BE BARRICADED PER THE DETAIL SHOWN ABOVE.

EXISTING TREES TO REMAIN				
QUANTITY	CALIPER	TYPE	TOTAL	
1	18"	OAK	18"	
1	26"	OAK	26"	
1	36"	OAK	36"	
2	12"	CABBAGE PALM	24"	
5	TOTAL TREES TO REMAIN			
	TOTAL CALIPER		104"	

EXISTING TREES TO BE REMOVED				
QUANTITY	CALIPER	TYPE	TOTAL	COMMENT
1	4"	OAK	4"	
1	7"	OAK	7"	
4	8"	OAK	32"	
1	9"	OAK	9"	
2	10"	OAK	20"	
2	14"	OAK	28"	
1	20"	OAK	20"	
1	29"	OAK	29"	
1	35"	OAK	35"	DAMAGED
1	36"	OAK	36"	DAMAGED
1	46" (14" x 12" x 17")	OAK	46"	ROT/DECAY
6	12"	CABBAGE PALM	72"	
2	12"	QUEEN PALM	24"	
2	12"	WASHINGTON PALM	24"	
26	TOTAL TREES TO BE REMOVED			
	TOTAL CALIPER		386"	

NOTE: EXISTING TREES TO BE REMOVED THAT ARE OUTSIDE OF THE PROJECT BOUNDARY ARE NOT INCLUDED IN THE EXISTING TREE LIST ABOVE.

EXISTING TREE LEGEND

- EXISTING OAK TREE
- EXISTING PALM TREE (REFER TO PLAN FOR TYPE)
- EXISTING TREE TO BE REMOVED

CALL 48 HOURS BEFORE YOU DIG
It's the Law! 1-800-432-4770
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

The seal appearing on this document was authorized by:
John T. Swen, P.L.A., L.A. No. 0001032, State of Florida,
on the date adjacent to the seal.

FOR
MRT Lawn & Garden Center, Inc.

2775 El Jobean Road
Port Charlotte, FL 33953

Existing Tree Plan

Proposed MRT Garden Center
385 & 395 US 41 Bypass N.
Venice, Florida

JOHN T. SWEN
LANDSCAPE ARCHITECT

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SHEET L1



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**Proposed MRT Garden Center
385 & 395 US 41 Bypass N.
Venice, Florida**

2775 El Jobean Road
Port Charlotte, FL 33953

SHEET L2

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PLANT LIST				
SYMBOL	BOTANICAL/COMMON NAME	DESCRIPTION	QUANTITY	COMMENTS
TREES				
B.b.	Bucid buceras 'Shady Lady'(Shady Lady Black Olive)	10-12H X 5-6'Spr., 2.5"Cal.	15	FF / M
C.u.	Coccoloba uvifera(Sea Grape)	8-10'H x 4-5'Spr., 1.5"Cal.	1	N / FF / S
T.d.	Taxodium distichum(Bald Cypress)	12-14'H x 6-7'Spr., 2.5"Cal.	3	N / FF / L
T.l.	Tabebuia impetiginosa(Purple Trumpet Tree)	8-10'H x 4-5'Spr., 1.5"Cal.	3	FF / M
PALMS				
A.m.	Adonidia merillii(Christmas Palm)	6-7' O.A., Triple	10	FF
P.r.	Phoenix roebelenii(Pygmy Date Palm)	6-7' O.A., Triple	5	FF
R.r.	Roystonea regia(Florida Royal Palm)	5-6' G.W. (Staked)	11	N / FF
V.m.	Veitchia montgomeryana(Montgomery Palm)	8-9' O.A., Single	5	FF
SHRUBS				
A.w.	Acalypha wilkesiana(Copperleaf)	24-30"H x 18-24"Spr., 3 gal., 36"OC, Full	9	FF
C.l.	Chrysobalanus icaco 'Red Tip'(Red Tip Cocoplum)	18-24"H x 12-18"Spr., 3 gal., 30"OC, Full	44	N / FF
C.r.	Clusia rosea(Pitch Apple)	24-30"H x 18-24"Spr., 3 gal., 36"OC, Full	208	N / FF
H.r.	Hibiscus spp.(Hibiscus)	24-30"H x 18-24"Spr., 3 gal., 30"OC, Full	75	FF
I.M.	Ixora Maui(Orange Ixora)	8-10"H x 10-12"Spr., 3 gal., 24"OC, Orange, Full	45	FF
I.N.	Ixora 'Nora Grant'(Pink Ixora)	16-18"H x 12-14"Spr., 3 gal., 30"OC, Pink, Full	37	FF
M.c.	Muhlenbergia capillaris(Muhy Grass)	24-30"H & Spr., 3 gal., 36"OC, Full	16	N / FF
S.a.	Schefflera arboricola 'Trinette'(Var. Dwarf Schefflera)	18-24"H & Spr., 3 gal., 30"OC, Full	102	FF
T.da.	Tripsacum dactyloides(Fakahatchee Grass)	30-36"H & Spr., 3 gal., 48"OC, Full	11	N / FF
GROUND COVER				
F.m.	Ficus microcarpa 'Green Island'(Dwarf Ficus)	8-10"H x 10-12"Spr., 3 gal., 24"OC, Full	135	FF
MISCELLANEOUS				
	Mixed Hardwood Mulch	3" Depth Min.		PROVIDE ESTIMATE
	Paspalum notatum 'Bahia' Sod	Weed Free, Sand Grown		PROVIDE ESTIMATE
	Zoysia japonica 'Zoysiagrass'	Weed Free, Muck Grown		PROVIDE ESTIMATE
	Staking and Guying	Per Details		22 Trees / 11 Palms
PLANT LIST LEGEND				
N - Native				
FF - Florida Freindly				
L - Large Tree				
M - Medium Tree				
S - Small Tree				

LANDSCAPE REQUIREMENTS

FOUNDATION PLANTINGS (Section 3.7.4)

Foundation Plantings Required - Yes
Foundation Plantings Provided - Yes (Where Noted on Plans)

PARKING AREA PERIMETER LANDSCAPE BUFFER (Section 3.7.5)

US-41 - Buffer Length - 256 LF
Trees Required (1 per 35 LF) - 256 / 35 = 8
Trees Provided - 8
Shrubs/Hedge Required - Yes
Shrubs/Hedge Provided - Yes (Mixed Shrubs)

COMPATIBILITY LANDSCAPE BUFFER (Section 4)

WEST PROPERTY LINE (Type '3' Buffer) - Buffer Length - 64 LF, Buffer Width - 15'
Large / Medium Trees Required (3 per 100 LF) - 64 / 100 = .64 x 3 = 2
Large / Medium Trees Provided - 2
Understory (Small) Trees Required (1 per 100 LF) - 64 / 100 = .64 x 1 = 1
Understory (Small) Trees Provided - 1
Shrubs Required (50 per 100 LF) - 64 / 100 = .64 x 50 = 32
Shrubs Provided - 32
6' Fence Required - Yes
6' Fence Provided - Yes (Existing)

WEST PROPERTY LINE (Type '2' Buffer) - Buffer Length - 164 LF, Buffer Width - 10'
Large / Medium Trees Required (3 per 100 LF) - 164 / 100 = 1.64 x 3 = 5
Large / Medium Trees Provided - 5
Shrubs Required (40 per 100 LF) - 164 / 100 = 1.64 x 40 = 66
Shrubs Provided - 98
6' Fence Required - Yes
6' Fence Provided - Yes

INTERIOR PARKING LANDSCAPE REQUIREMENTS (Section 3.7.5)

SQUARE FOOTAGE REQUIREMENT (10%) (Section 3.7.5.B.1)
Total Parking Lot and Vehicle Use Area - 27,144 SF
Total Interior Landscape Area Required - 27,144 SF x .10 = 2,714.4 SF
Total Interior Landscape Area Provided - 2,726 SF (Where Noted on Plans)

PLANTING REQUIREMENT (1 Canopy Tree per 20 Parking Spaces, in addition to trees required in terminal and interior islands) (Section 3.7.5.B.2)
Total Parking Spaces - 44
Tree Planting Required - 44 / 20 = 3
Tree Planting Provided - 6 (Where Noted on Plans)

TERMINAL ISLANDS (Section 3.7.5.B.3)
(Where Shown on Plans)

INTERIOR ISLANDS (Section 3.7.5.B.4)
(Where Shown on Plans)

GENERAL NOTES:

All plant materials shall be Florida Grade No. 1 or better, as specified in GRADES AND STANDARDS FOR NURSERY PLANTS, Parts I and II, by the Division of Plant Industry, Florida Department of Agriculture and Consumer Services, and shall conform to current American Association of Nurseryman STANDARDS FOR NURSERY STOCK, unless otherwise specified on the plans and plant list.

All Trees shall be guaranteed for a period of two years after final acceptance and all other landscape materials shall be guaranteed for a period of one year after final acceptance. All replacement materials shall be guaranteed for an additional two year and one year.

All Interior parking lot landscape areas shall have uncompacted coarse loam soil that is a minimum of 36 inches deep per Chapter 87 Section 3.7.5.3.d of the City of Venice Landscape Code.

All large and medium tree species shall be a minimum two and one-half (2½) inches caliper measured no closer than six (6) inches from the ground. All small tree species shall be a minimum of one and one-half (1½) inches caliper measured no closer than six (6) inches from the ground and be a minimum eight (8) feet in height from grade. All hedge plant materials shall be a minimum of 24 inches in height when measured immediately after planting.

Xeriscaple principles shall be utilized as outlined by the Southwest Florida Water Management District.

Any alterations to this landscape plan will require prior written permission from the City of Venice.

The quantities indicated on the plant list are intended as a guide for comparison bidding and does not relieve the CONTRACTOR from providing a comprehensive material take off. In the event that a discrepancy occurs between the quantities listed in the plant list and the quantities indicated on the plan, the quantities indicated on the plan shall govern, and the contractor shall notify the LANDSCAPE ARCHITECT of the discrepancy.

MAINTENANCE AND IRRIGATION

All landscape vegetation shall be maintained in a healthy condition by the property owner or successors in perpetuity. Any landscape vegetation that is damaged, disease-ridden, dead, or considered a hazard, must be replaced by the property owner no later than six months after notification by the City.

All required landscaping and buffers shall be served by an automatic irrigation system. Irrigation systems are required to be operational before occupancy or issuance of a certificate of completion. All required landscaping areas shall be irrigated by a permanent irrigation system that meets the following requirements, consistent with Strategy IN 1.4.6 of the City's Comprehensive Plan:

- Irrigation systems shall be water efficient with WaterSense (as administered by the United States Environmental Protection Agency) labeled irrigation controllers, to meet watering needs of a landscape without overwatering.
- Irrigation systems shall not be connected to both potable and non-potable sources to avoid contaminating potable water supplies.
- irrigation system piping shall be underground.
- All required irrigation systems must be designed to minimize the application of water to impervious areas.
- Irrigation systems shall be operated by an automatic irrigation controller and/or timer, and with a rain or soil moisture sensor, or other devise designed to prevent system operation when adequate soil moisture is available.
- The design of the irrigation system shall include sprinkler heads and devises appropriate for the landscape material to be irrigated.
- The developer/owner is responsible for maintenance of the required irrigation system consistent with the development order, provisions of Section 3.7 and F.S. 373.62, as may be amended.
- Reclaimed water shall be used for irrigation where available.

Irrigation design standards. The following standards shall apply to the design installation and maintenance of the irrigation systems.

Automatic rain and soil moisture sensing devices shall be installed with irrigation systems in accordance with industry standards.

Drip or micro-jet irrigation should be used where possible.

Low trajectory spray nozzles are encouraged.

No above ground impact heads are permitted.

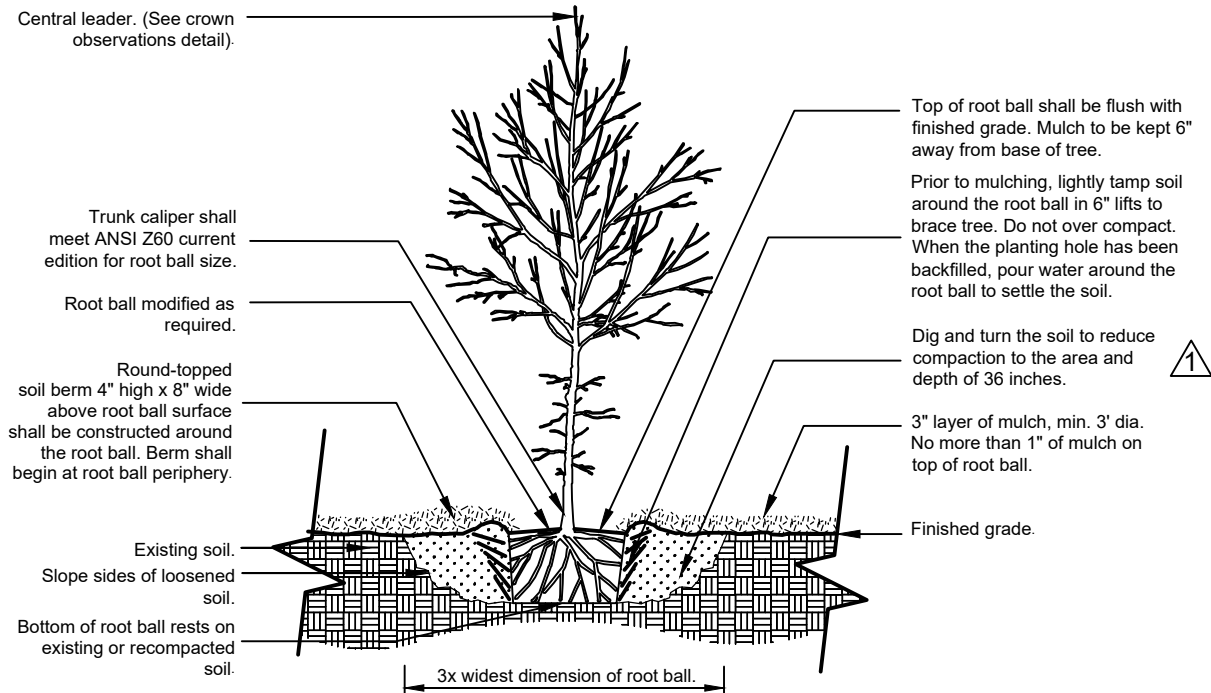
Irrigation systems shall use the lowest quality water available which will adequately and safely meet the water needs of the landscaping.

Planted detention areas and undisturbed natural areas do not require irrigation systems, provided however that the property owner is responsible for providing irrigation for supplemental plants within natural areas and plants within detention areas.

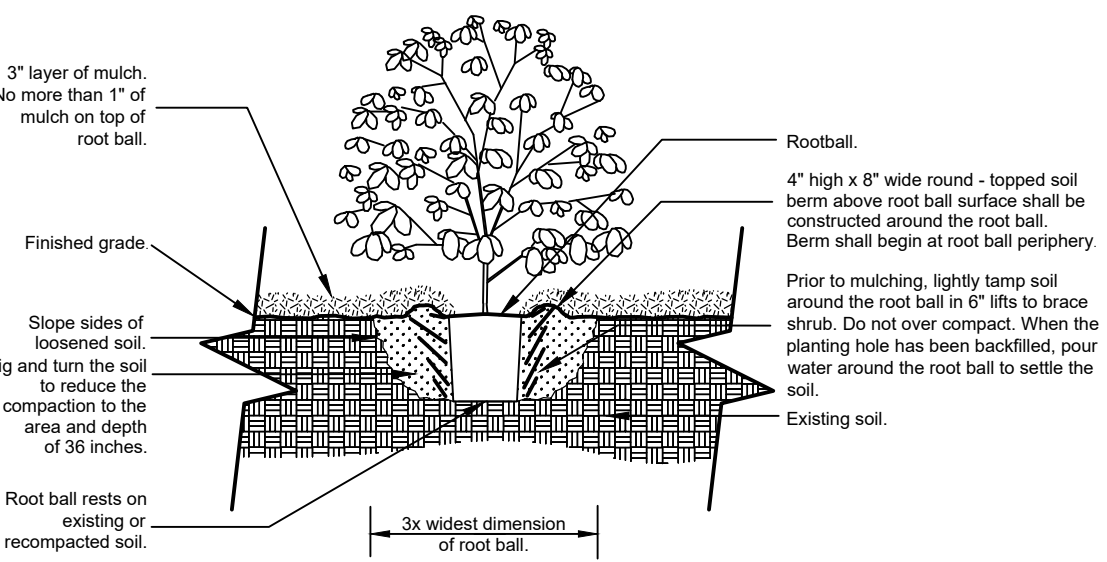
Irrigation systems must be properly maintained and operated in a manner consistent with watering restrictions established by the applicable water management district or local authority, whichever are stricter.

Irrigation Plan Requirements. Irrigation plans are not required as part of the landscape plan technical review but must be submitted as part of construction plan or building, or other subsequent development permits prior to the issuance of such permits. The irrigation plan must at a minimum:

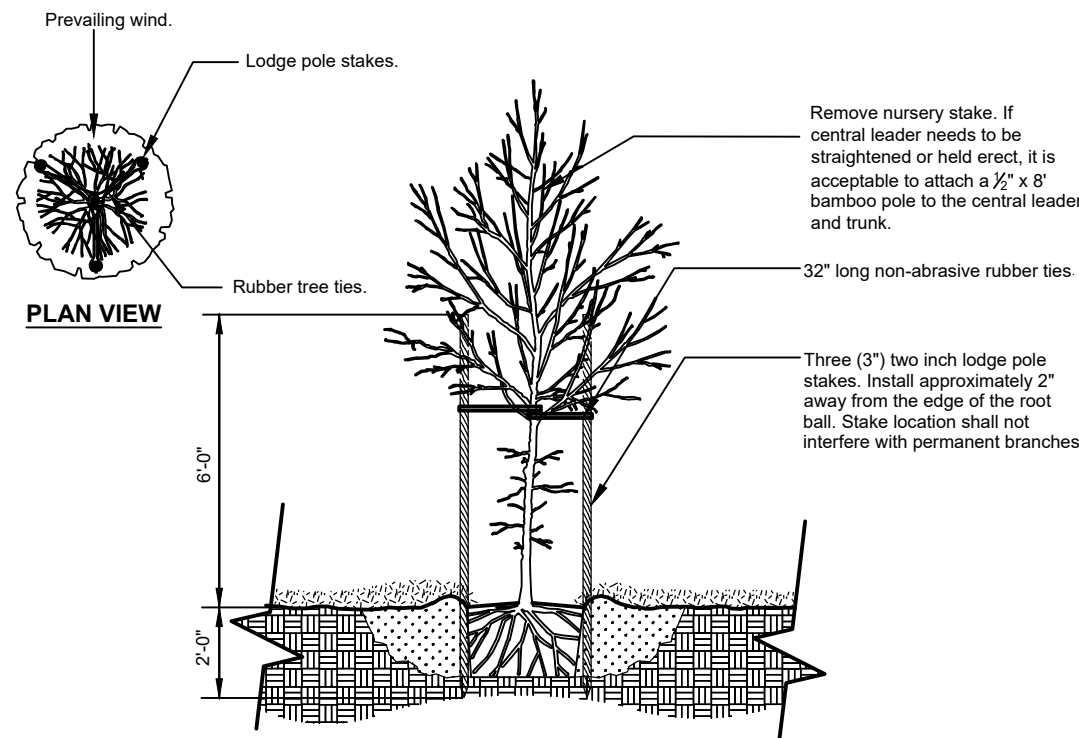
- Indicate the type of irrigation system proposed.
- Indicate irrigation application rates and controller duration times for each zone.
- Be signed by a certified irrigation technician or Landscape Architect.



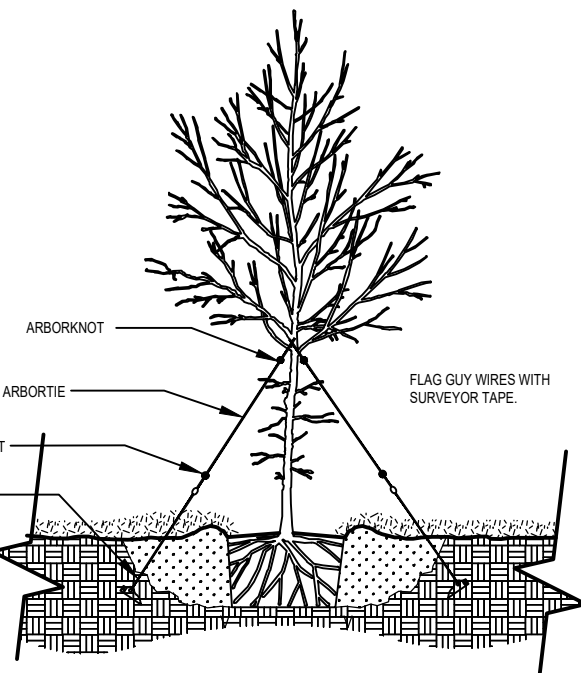
TREE/PALM PLANTING DETAIL
SCALE: NOT TO SCALE



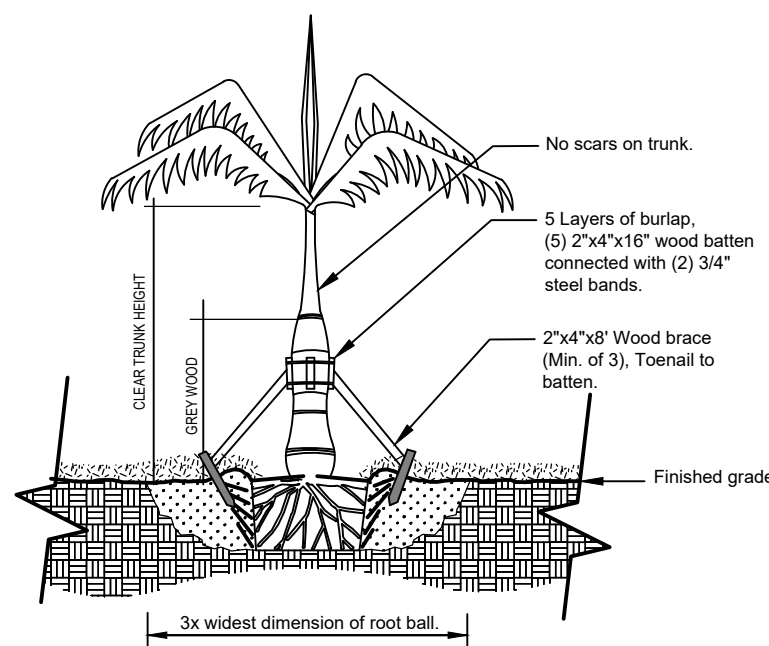
SHRUB & GROUND COVER PLANTING DETAIL
SCALE: NOT TO SCALE



TREE STAKING DETAIL (2" CALIPER OR LESS)
SCALE: NOT TO SCALE



TREE STAKING DETAIL (>2" CALIPER)
SCALE: NOT TO SCALE



PALM STAKING DETAIL
SCALE: NOT TO SCALE

Revisions:	
Rev. per City Comments	02/05/2025
Rev. Dumpster 02/12/2025	
Rev. Interior Landscape Island	03/04/2025
-	
-	
-	
Date:	10/22/2024
Scale:	NTS
Drawn By:	---
Checked By:	JTS
Project #:	24126