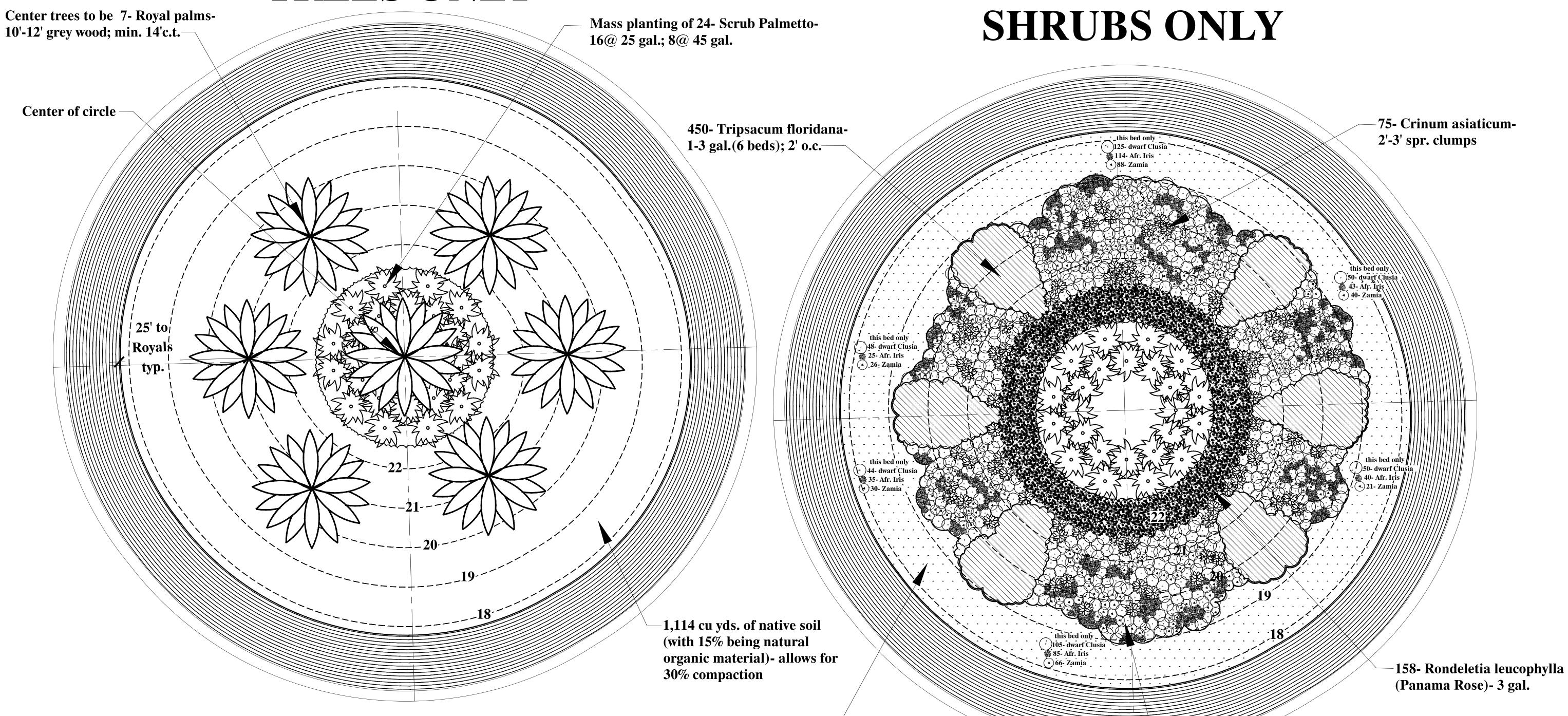
NORTH

1/10" = 1' - 0"PROJECT NUMBER

07-29-2021

SHEET NUMBER: LP-1

4872 S.W. 72nd Avenue Miami, Florida 33155 (305)668-3196 Fax(305)668-2871



-2,030- Trachelospermum

asiaticum minima- 1 gal.,

18" o.c.

LANDSCAPE NOTES

- 1. All plant material to be Florida No.1 or better per most current version of "Grades and Standards for Nursery Plants, Part I and II," prepared by the State of Florida Department of Agriculture and Consumer Services.
- 2. All planting beds to be topped with 3" min. mulch "Grade A", unless otherwise noted. A two-inch layer, after watering in, of mulch must be placed and maintained around all newly installed trees, shrubs, and ground cover plantings. Each tree must have a ring of mulch no less than 24 inches beyond its' trunk in all directions. Red mulch is not acceptable. CYPRESS MULCH WILL NOT BE USED.
- 3. All trees to be staked in good workmanlike manner. No nail staking permitted. (Refer to planting details) Landscape contractor is responsible for removing trees stakes once trees are established
- 4. Landscape plan shall be installed in compliance with all local codes. Local codes take precedence over Landscape plan. 5. All tree holes to be back filled around and under root ball with planting soil. All shrub beds to be installed with planing soil (see planting details).
- 6. All trees and palms are to be guaranteed for one year. All shrubs and ground covers shall be guaranteed for six months from date
- 7. All planting beds shall be free of weeds, grass, litter, and construction debris prior to planting.
- 8. All trees, palms, shrubs, and groundcover plants shall be fertilized at installation with slow release fertilizer, according to manufacturer's recommendations (submit sample for approval).
- 9. Landscape contractor shall review all drawings and prepare his own take off and plant list prior to bid cost, and compare to Landscape Architect's plant list. Sizes specified on Landscape plan are deemed to be minimums. Landscape Contractor is responsible for attaining accurate counts of plant materials specified. In the event of discrepancies, Landscape Contractor shall bring to the attention of the Landscape Architect. Plan shall take precedence over plant list. No Exceptions!
- 10. Landscape Contractor shall locate and verify all underground utility prior to digging. Plantings in Easements: Utility, power, or drainage easements may overlap required buffers; however no required trees or shrubs may be located in any utility, power, or street easement or right-of-way. 11. All material is subject to availability at time of installation. Substitutions MUST be cleared with Landscape Architect prior to
- 12. All newly planted areas to receive 100% coverage (with 50% overlap) by automatic irrigation system (refer to irrigation plan).
- 13. Landscape Contractor to flag out all Royal palm locations for Landscape Architect approval prior to install. Then all other plants to be laid out in their pots.
- 14. No changes shall be made without the prior consent of the Landscape Architect and Owner.

INSTALLATION NOTES

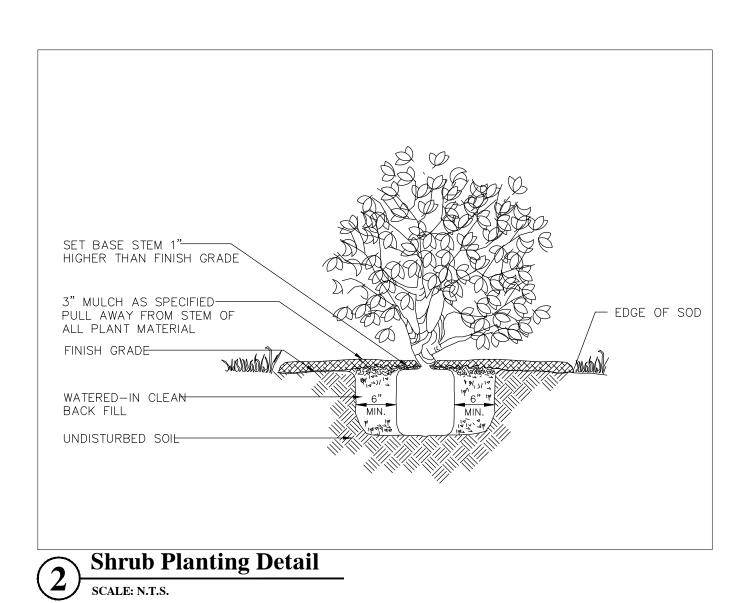
- 1. Roundabout to receive a rough grade as shown at above left.
- 2. Install Royal Palms in locations as shown at above left. 3. After Palm install, correct grading for over compaction due to machines installing
- palms. Then finalize grading to match shown at above left.
- 4. Layout all underplanting in their pots for review/approval by Landscape Architect.

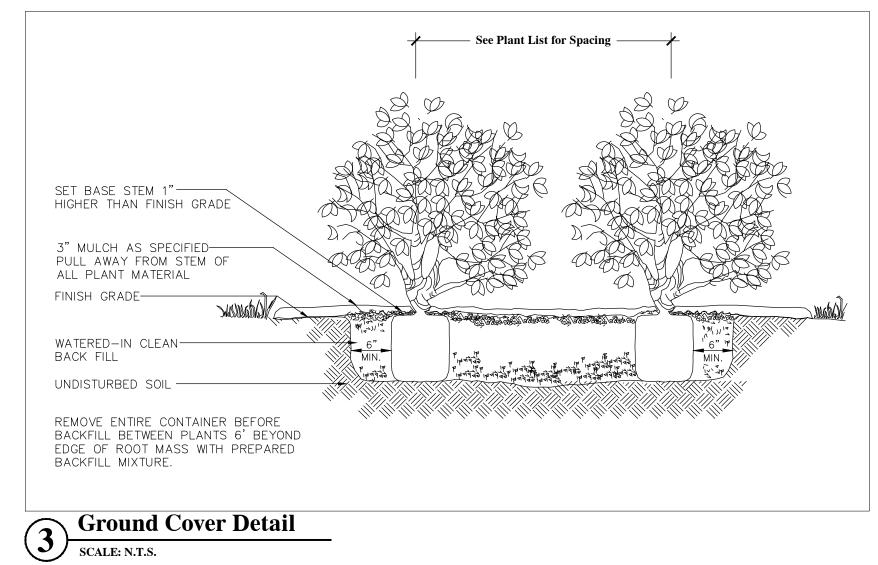
- Coordinate date and time with Landscape Architect at least 1 week PRIOR to start. 5. Once plant installation is complete, finalize irrigation heads and adjust as noted on Irrigation Plan. No water to be thrown onto impervious surfaces.

TOTAL COUNT

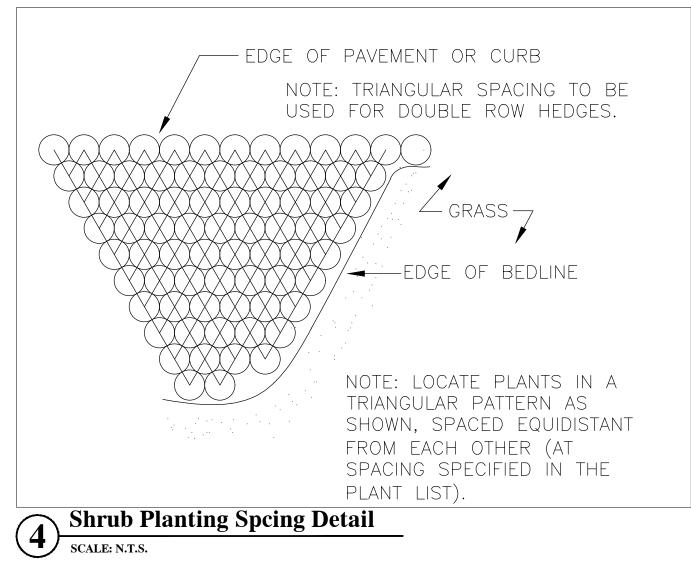
506- Dwarf Clusia (nana)- 3 gal., 30" o.c.; -333-Zamia floridana- 1 gal., plant 2' o.c.; 342- Dietes iridiodes- 3 gal., 18" o.c.;

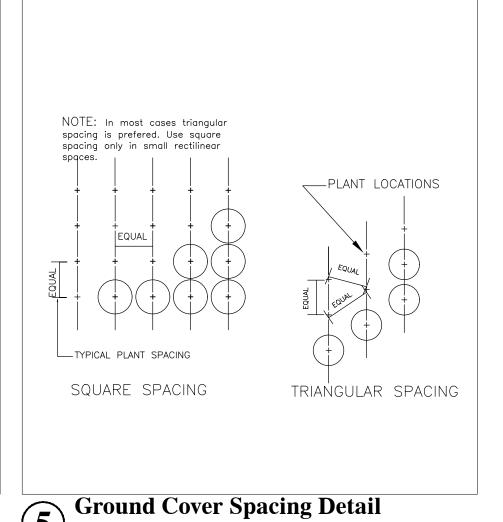
	WILLIAMS RD. ROUNDABOUT		
TREES			
QTY	BOTANICAL NAME	DESCRIPTION	SIZE
7	Roystonea regia	ROYAL PALM	10'-12' g.w., min. 14.c.t.
24	Serenoa repens cinerea	SILVER SAW PALMETTO	16 @ 25 gal.; 8 @ 45 gal.
SHRUBS			
422	Clusia nana	DWARF CLUSIA	3 gal.
75	Crinum asiaticum "Queen Emma"	CRINUM LILY	2'-3'spr. clumps
342	Dietes iridiodes	WHITE AFRICAN IRIS	3 gal.
158	Rondeletia leucophylla	PANAMA ROSE	3 gal.
2,030	Trachelospermum asiaticum minima	CONFEDERATE JASMINE	1 gal., 18" o.c.
450	Tripsacum floridanum	DWARF FAKAHATCHEE	1-3 gal.
271	Zamia floridana	COONTIE FERN	1 gal., 18" o.c.
EXTRAN.			
1,114 cu.yd	Soil for Mounds		90% native sand; 10% organic matte
To Be Det	Bark Mulch		3" deep





Palm Planting Detail SCALE: N.T.S.





SCALE: N.T.S.Ground Cover Spacing Detail

Landscape Architects, Site Planners & Golf Course Designers

WILLIAMS RD. ROUNDABOUT
Village of Estero, Fla.

NORTH



PROJECT NUMBER

07-29-2021

Bruce Howard License #: LA0000371

SHEET NUMBER:

LP-2

4872 S.W. 72nd Avenue Miami, Florida 33155 (305)668-3196 Fax(305)668-2871

11. OPEN CUTS IN ASPHALT, WALKS AND/OR TRENCHES MUST BE PROTECTED FROM VEHICLE AND PEDESTRIAN TRAFFIC AT ALL TIMES. IT WILL BE THE IRRIGATION CONTRACTORS RESPONSIBILITY TO BARRICADE AND DIVERT TRAFFIC. 12. THE INSTALLER SHALL PROVIDE A COMPLETE SET OF REPRODUCIBLE RECORD DRAWINGS, COMPLETE WITH

MEASUREMENTS TO POINTS OF REFERENCE FROM ALL VALVES AND DIRECTIONAL CHANGES IN THE ROUTING OF THE MAINLINE, AS WELL AS PERIODIC OFFSET MEASUREMENTS FOR THE MAINLINE. THE RECORD DRAWING SHALL ALSO

10. BEFORE SPRINKLER HEADS ARE SET, THE CONTRACTOR SHALL FLUSH THE LINES THOROUGHLY TO MAKE SURE THERE IS NO FOREIGN MATTER IN THE LINES. THE CONTRACTOR SHALL FLUSH THE MAIN LINES FROM DEAD END FITTINGS FOR A

EDGE OF THE PLANTED AREAS AVOIDING PLANTS, ROOT BALLS, LIGHTS, BOLLARDS, FENCES, ETC.

MINIMUM OF FIVE MINUTES UNDER A FULL HEAD OF PRESSURE.

GENERAL IRRIGATION NOTES

1. HIGH POP-UP SPRAYS TO BE UTILIZED AS REQUIRED IN PLANTING BEDS WHERE SPRAY HEAD IS IN LOW PLANTING OR

2. CHANGES IN HEAD PLACEMENT OR SUBSTITUTION SHOULD ALWAYS BE DONE TAKING INTO CONSIDERATION:

A. WHAT IS BEST FOR THE GROWTH AND MAINTENANCE OF THE PLANT MATERIAL.

GROUND COVER (MATURE PLANT HEIGHT IS 1" - 18").

B. FLUSH WITH FINISH GRADE.

INCLUDE LOCATIONS OF ANY WIRE ROUTING NOT RUN IN THE SAME TRENCH AS THE MAINLINE. ALL OTHER COMPONENTS OF THE IRRIGATION SYSTEM SHALL BE DONE BY THE SAME METHOD (GATE VALVES, WIRE SPLICES 13. IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING SEQUENCING OF CONTROL VALVES WITH EDERA

STAFF UTILIZING MAXIMUM WATER FLOW CAPABILITIES AND MINIMUM SURGE IN PIPE.

14. INSTALLER SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED UTILITY LOCATES, PERMITS AND INSPECTIONS CONNECTED WITH THIS WORK.

IRRIGATION NOTES

1. The automated irrigation system is a zoned system using potable water (or lower quality if available). If system is reuse water, purple pipe, caps, etc. are to be used in system.

2. All landscaped areas, will be adequately sleeved for irrigation if needed.

3. A moisture (rain) sensor will be included in the master irrigation system and located adjacent to site on the Edera property so that it will receive direct rainfall, not impeded by other objects.

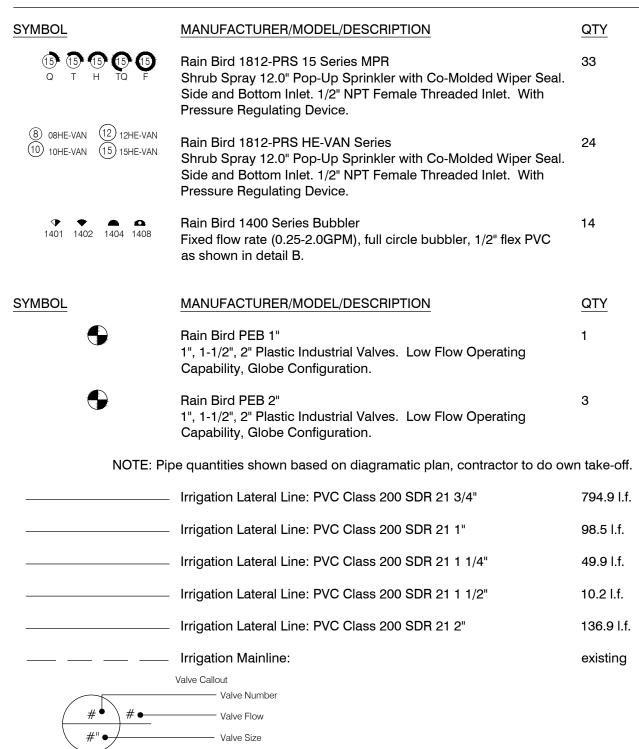
4. The irrigation system will be designed to eliminate the application of water to impervious areas, including roads, sidewalks and other impervious areas.

5. The irrigation system shall provide for 100% coverage and a minimum of 50% overlap of spray areas.

HE DRAWINGS ARE TO BE CONSIDERED DIAGRAMMATIC, AS IT MAY NOT BE POSSIBLE TO ACCURATELY DEPICT THE EXACT LOCATIONS FOR ALL MATERIAL, OR ANTICIPATE THOSE N-FIELD VARIATIONS WHICH MAY REQUIRE ADJUSTMENT ON SITE. THE INSTALLER SHALL EXPECTED TO MAKE MINOR MODIFICATIONS WHICH MAY BE NECESSARY TO OR INTENT. THE FINAL LOCATIONS OF ALL MAJOR EQUIPMENT, SUCH AS CONTROLLERS VALVES, SUPPLY CONNECTIONS, MAINLINES, ETC. SHALL BE DETERMINED IN THE FIELD, USING THE DRAWINGS AS A GUIDE, AND APPROVED PRIOR TO INSTALLATION.

WORK SHALL BE DONE IN ACCORDANCE WITH PREVAILING CODES AND REGULATIONS. THOUGH DUE DILIGENCE HAS BEEN EXERCISED IN THE PREPARATION OF THE DCUMENTS TO AVOID CONFLICTS, THE RESPONSIBILITY FOR VERIFICATION AND ONFORMANCE TO THE PARTICULAR CODES FOR THIS LOCATION SHALL REMAIN SOLELY HAT OF THE INSTALLER. THE INSTALLER SHALL OBTAIN ANY NECESSARY LOCATES, PERMITS AND INSPECTIONS.

IRRIGATION SCHEDULE



- 2. THE PLAN MAY NOT INCLUDE ALL MATERIALS. THIS DOESN'T RELIEVE THE CONTRACTOR FROM BEING RESPONSIBLE TO PROVIDE A COMPLETE SYSTEM IN PERFECT WORKING ORDER.
- 3. VERIFY THE LOCATION OF THE EDERA SPRINKLER CONTROLLER AND CONNECTION POINTS FOR 2
- 4. THE DEVELOPER IS RESPONSIBLE FOR THE COST OF BUILDING PERMITS. EDERA TO SUPPLY TIMES. THIS SYSTEM MUST BE INSTALLED BEFORE STARTING THIS PROJECT.
- 5. THE CONTRACTOR WILL COMMENCE WORK AFTER THE PLANS & SITE HAVE BEEN FOUND FREE FROM CONFLICTS AND AFTER RECEIVING APPROVAL FROM THE LANDSCAPE ARCHITECT/OWNER.

UNDERGROUND CABLE LOCATE 1-800 432-4770

INSTALLER TO NOTE:

4 \14.0

All Mainline piping, lateral piping, & sleeve locations

paving (where possible). When passing under a driveway/walkway sleeve with a pipe that is 2x the size

best as possible. P.O.C. to tie into existing Edera

System Designed for 55 GPM @ 60 PSI.

of the lateral contained inside.

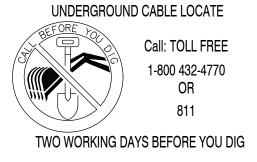
shown for purposes of CLARITY ONLY. Install within the property and in green space. Do NOT install under

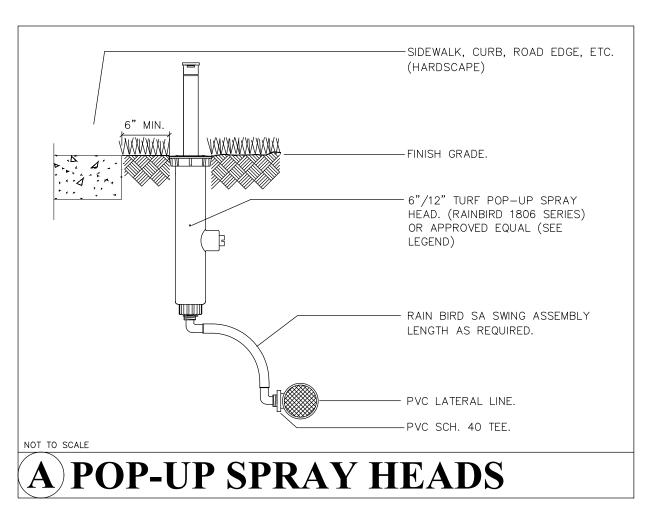
Location of P.O.C. shown diagrammatically only. Field locate and install valves, etc. and hide in planting as

irrigation system provided by the adjacent Edera project.

- 1. POC AND MAINLINE RUN ARE PART OF THE EDERA PROPERTY IRRIGATION SYSTEM. THESE ARE SHOWN IN A GENERAL LOCATION AND ARE TO BE FIELD LOCATED PRIOR TO INSTALLATION OF ANY PORTION OF THIS DESIGN. FAILURE TO COORDINATE THIS INFORMATION PRIOR TO BID DOESN'T RELIEVE THE CONTRACTOR FROM BEING RESPONSIBLE TO PROVIDE A COMPLETE SYSTEM IN PERFECT WORKING ORDER.

- MAINLINE, 2 WIRE CONNECTION POINT, & ACCESS TO CONTROL CLOCK TO SCHEDULE ZONE RUN



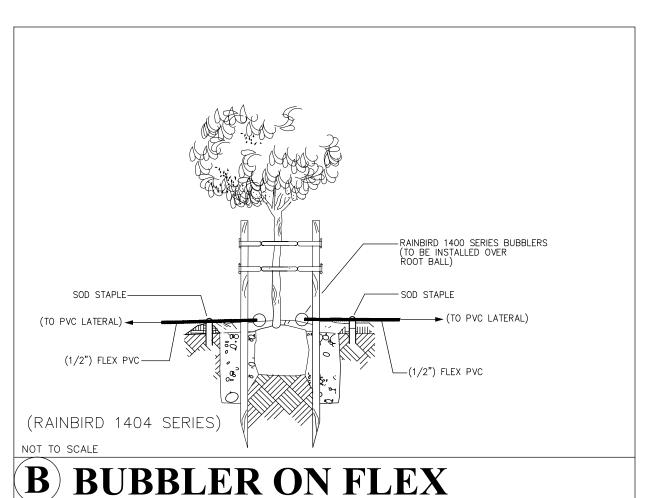


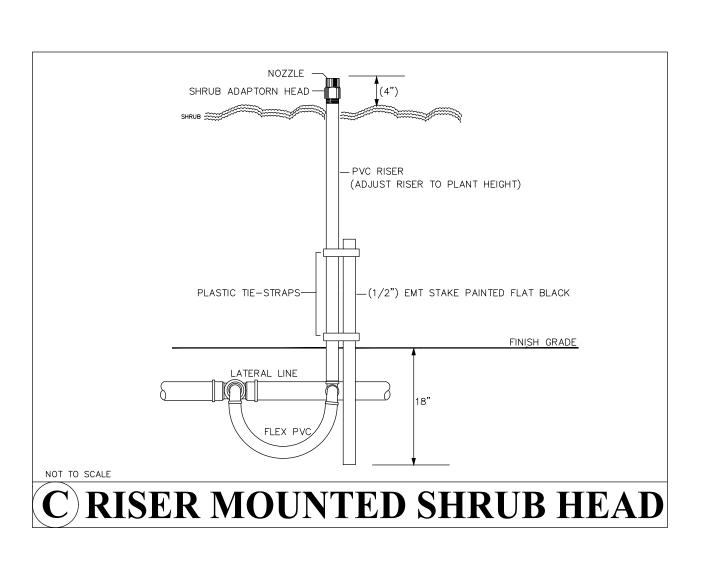
MAINLINE Supplied by adjacent Edera Property.

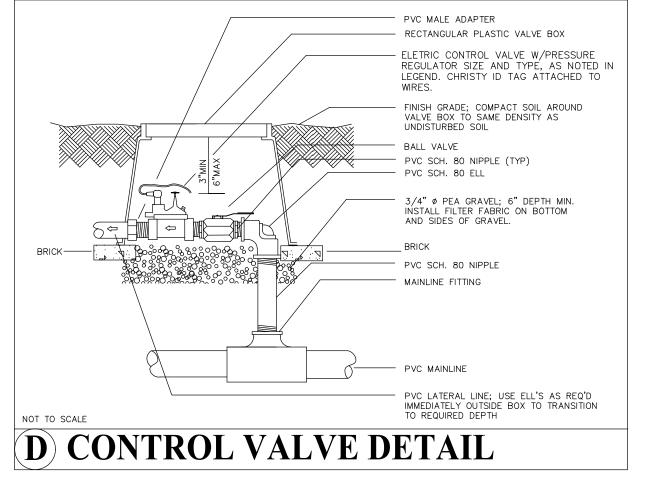
system as designed, notify Landscape Architect.

Field locate and verify available size and flow

rate. If existing system is NOT adequate for







07-29-2021

Bruce Howard License #: LA0000371 SHEET NUMBER:

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