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

14. No changes shall be made without the prior consent of the Landscape Architect and Owner.

plants to be laid out in their pots.

Mulch (per note #2)

**NORTH** 

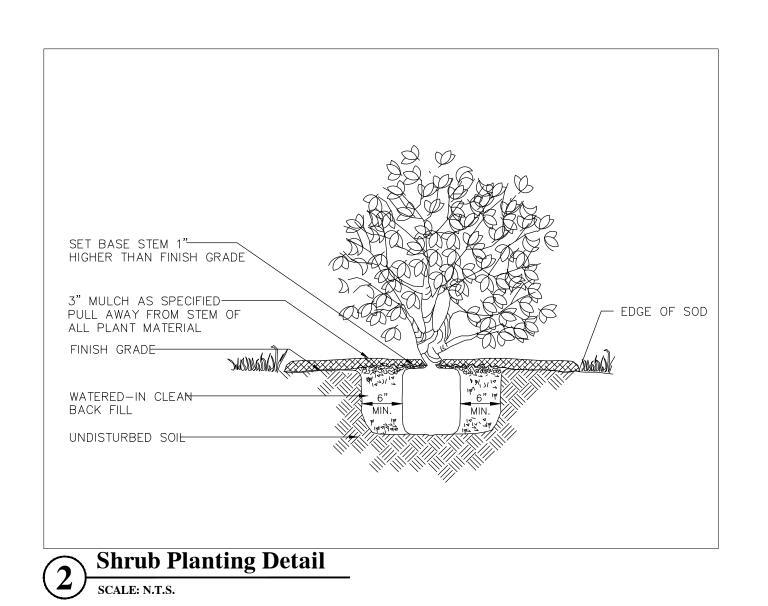
1/10'' = 1' - 0''PROJECT NUMBER

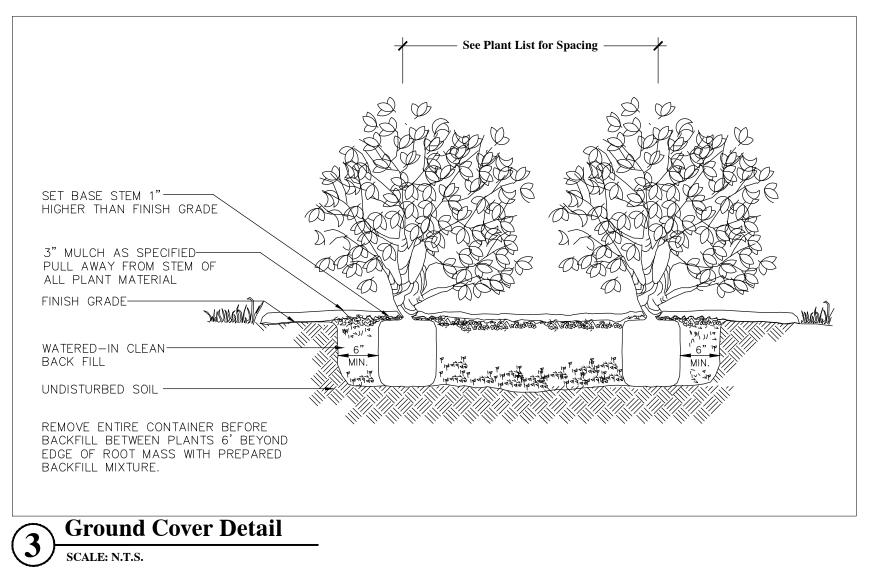
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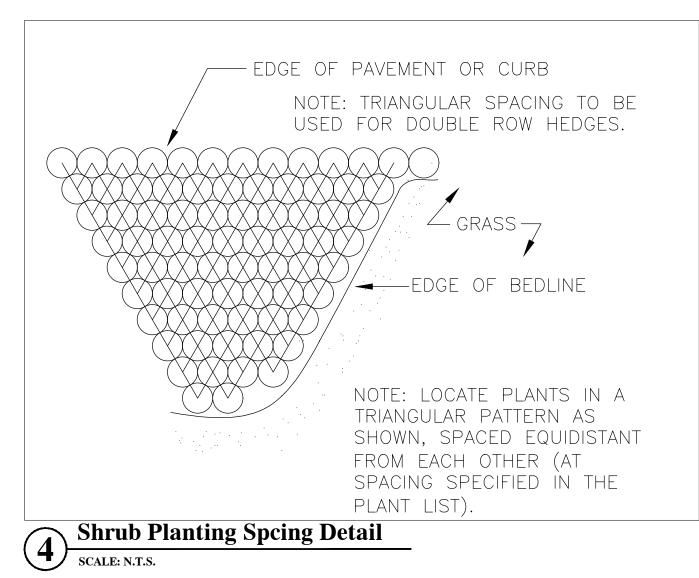
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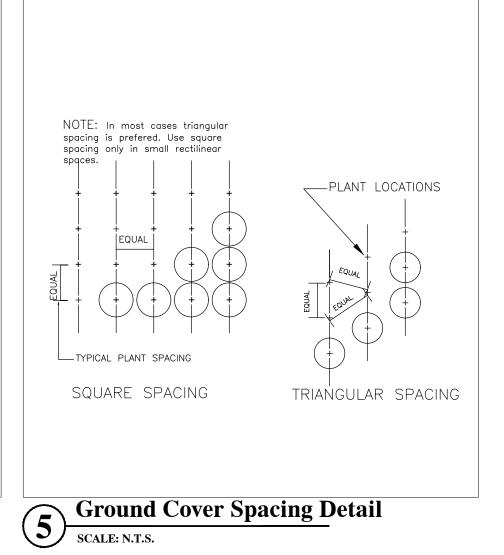
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**Palm Planting Detail** SCALE: N.T.S.

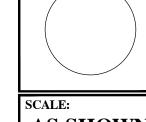




Landscape Architects, Site Planners & Golf Course Designers

WILLIAMS RD. ROUNDABOUT
Village of Estero, Fla.

**NORTH** 



AS SHOWN PROJECT NUMBER

07-29-2021

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LP-2

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EDGE OF THE PLANTED AREAS AVOIDING PLANTS, ROOT BALLS, LIGHTS, BOLLARDS, FENCES, ETC. 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 MINIMUM OF FIVE MINUTES UNDER A FULL HEAD OF PRESSURE.

9. THE IRRIGATION AND LANDSCAPE CONTRACTORS SHALL COORDINATE THE PLACEMENT OF THE SPRINKLER EQUIPMENT AND

LANDSCAPE MATERIAL WITHIN THE PLANTED AREAS. THE IRRIGATION CONTRACTOR SHALL INSTALL HIS MATERIAL AT THE

11. OPEN CUTS IN ASPHALT, WALKS AND/OR TRENCHES MUST BE PROTECTED FROM VEHICLE AND PEDESTRIAN TRAFFIC

GENERAL IRRIGATION NOTES

B. MAINTAINING A CONSTANT AND EVEN DISTRIBUTION AND PRECIPITATION RATE. (NEVER INSTALL BUBBLERS AND SPRAYS

C. THE SPACING BETWEEN HEADS SHALL NOT EXCEED 50% OF THE DIAMETER FOR HEADS SPACED ON A SQUARE PATTERN

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.

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 INCLUDE LOCATIONS OF ANY WIRE ROUTING NOT RUN IN THE SAME TRENCH AS THE MAINLINE. ALL OTHER

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.

COMPONENTS OF THE IRRIGATION SYSTEM SHALL BE DONE BY THE SAME METHOD (GATE VALVES, WIRE SPLICES

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.

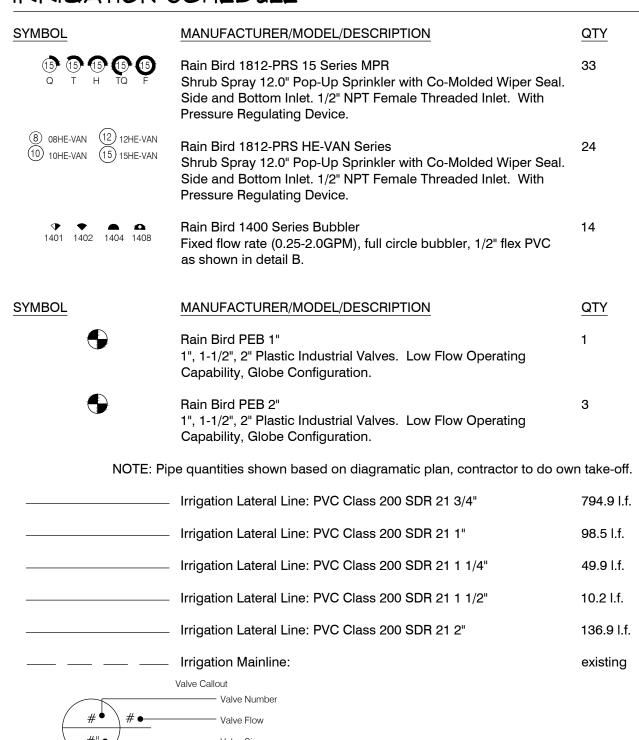
4. The irrigation system will be designed to eliminate the application of water to impervious areas, including roads, sidewalks and other impervious areas.

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 CUMENTS TO AVOID CONFLICTS, THE RESPONSIBILITY FOR VERIFICATION AND ONFORMANCE TO THE PARTICULÁR CODES FOR THIS LOCATION SHALL REMAIN SOLELY HAT OF THE INSTALLER. THE INSTALLER SHALL OBTAIN ANY NECESSARY LOCATES, PERMITS AND INSPECTIONS.

## IRRIGATION SCHEDULE



## **INSTALLER TO NOTE:**

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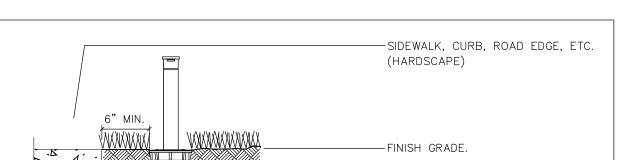
irrigation system provided by the adjacent Edera project.

System Designed for 55 GPM @ 60 PSI.

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



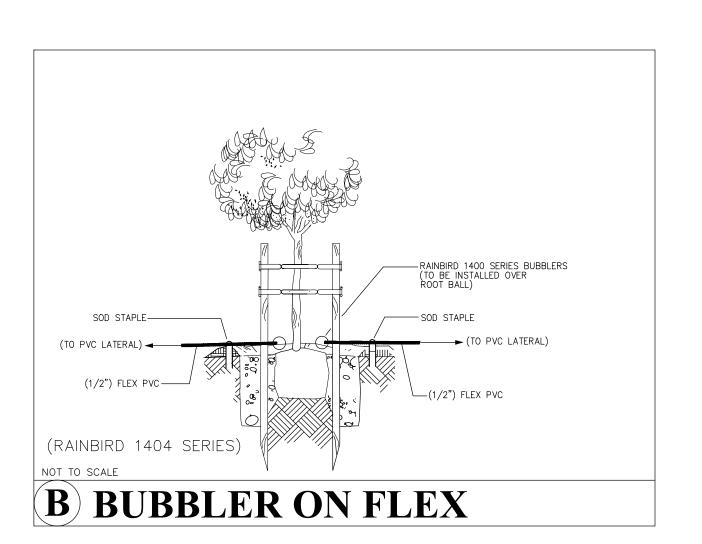
## All Mainline piping, lateral piping, & sleeve locations shown for purposes of CLARITY ONLY. Install within the property and in green space. Do NOT install under paving (where possible). When passing under a driveway/walkway sleeve with a pipe that is 2x the size of the lateral contained inside. Location of P.O.C. shown diagrammatically only. Field locate and install valves, etc. and hide in planting as MAINLINE Supplied by adjacent Edera Property. best as possible. P.O.C. to tie into existing Edera Field locate and verify available size and flow

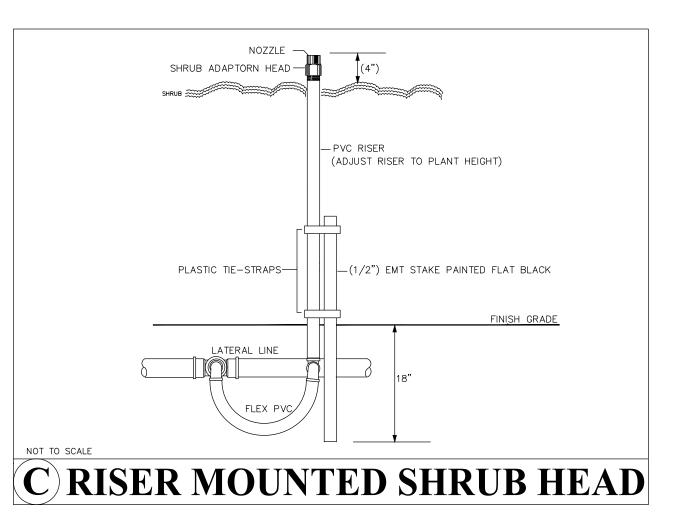


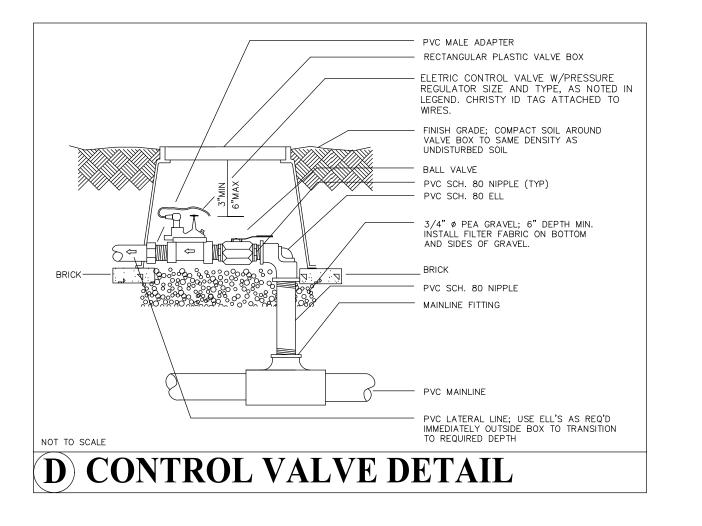
rate. If existing system is NOT adequate for

system as designed, notify Landscape Architect.

-6"/12" TURF POP-UP SPRAY HEAD. (RAINBIRD 1806 SERIES) OR APPROVED EQUAL (SEE LEGEND) RAIN BIRD SA SWING ASSEMBLY LENGTH AS REQUIRED. - PVC LATERAL LINE. -PVC SCH. 40 TEE. (A) POP-UP SPRAY HEADS







Landscape Architect Site Planners & **Golf Course Designer** 

ABO PROPOSED IRRIGATION

**NORTH** 

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