DI ANT CO					
PLANT SC	HEDULE		1	1	1
SYMBOL	QTY	BOTANICAL NAME	COMMON NAME	SIZE	
TREES					
AND O LEASE	11	BUCIDA BUCERAS 'SHADY LADY'	SHADY LADY BLACK OLIVE	2.5" CAL MIN. 10`X4`	NATIVE
	1	CONOCARPUS ERECTUS 'SERICEUS'	SILVER BUTTONWOOD	2.5" CAL, MIN 8` × 3 STANDARD`	NATIVE
Day o Color	12	MAGNOLIA GRANDIFLORA	SOUTHERN MAGNOLIA	2.5" CAL MIN. 10`X4`	NATIVE
	8	MAGNOLIA VIRGINIANA	SWEET BAY	2.5" CAL MIN. 10`X4`	NATIVE
SHRUBS					
+	78	ILEX VOMITORIA 'SCHILLINGS DWARF'	DWF SCHILLINGS HOLLY	3 GAL	NATIVE
£	97	LANTANA DEPRESSA	PINELAND LANTANA	1 GAL	NATIVE
\bigcirc	116	CHRYSOBALANUS ICACO	COCO PLUM	24" HGT, 3 GAL, 30" O.C.	NATIVE

CITY OF VENICE TREE PROTECTION REQUIREMENTS 40 TREE INCHES REQUIRED PER ACRE OF AREA OF CONSTRUCTION TOTAL AREA OF CONSTRUCTION .84 ACRE $.84 \times 40 = 34 \text{ TREE INCHES REQUIRED}$ 66 TREE INCHES PROPOSED

NO HERITAGE TREES ARE TO BE REMOVED

INTERIOR LANDSCAPE REQUIRED 10 SQ FEET PER PARKING SPACE NOT ADJACENT TO PERIMETER REQUIRED PER 100 SQ FT OF INTERIOR LANDSCAPE = 1 TREE 200 / 100 = 2 TREE REQUIRED 7 TREES PROVIDED VEHICLE USE AREA 24,798 SQ FT

PARKING SPACES 20: $20 \times 10 = 200 \text{ SQ FT}$ TOTAL AREA REQUIRED 200 SQ FT TOTAL AREA PROPOSED IN EXCESS OF 200 SQ FT

REQUIRED 10 SQ FT LANDSCAPE PER 500 SQ FT VEHICLE USE AREA $24798 / 500 \times 10 = 496 SQ FT REQUIRED$

500 SQ FT PROVIDED

SPECIFICATIONS OF PLANT MATERIALS IS MINIMUM REQUIRED. ANY VARIATION TO SPECIES OR VARIETIES MUST BE APPROVED BY THE LANDSCAPE ARCHITECT OF RECORD PRIOR TO INSTALLATION BAYSHORE ESTATES (PLAT BOOK 6, PAGE 69 AND 69A) EXISTING ZONING OPI CATCH BASIN
RIM EL.=10.82'
INV=8.62' NO BUFFER REQUIRED EXISTING ZONING OF - CHAIN LINK FENCE (TYP.) CONC. DRIVE EXISTING ZONING OPI (DEVELOPED) LOT 12) BLOCK F PROPOSED 6' CMU -SANITARY MANHOLE — RIM EL.=12.54 (4) COCO PLUM - CATCH BASIN RIM EL-11.30 (DEVELOPED) WALL \
250'(P)250.02'(C) 18"-40" N.89'49'12"E.(C) (I) SILVER BUTTONWOOD (7) DWF SCHILLINGS HOLLY (9) PINELAND LANTANA (5) DWF SCHILLINGS HOLLY (9) PINELAND LANTANA - 250 INTERIOR PLANTING (7) DWF SCHILLINGS HOLLY - EXISTING HEDGE TO REMAIN (1) SHADY LADY BLACK OLIVE WATER MANIFOLD INTERIOR PLANTING - 250 INTERIOR PLANTING 250 INTERIOR PLANTING -— EX 250 INTERIOR PLANTING ROW BUFFER REQUIRED (57) COCO PLUM (5) SOUTHERN MAGNOLIA TREE PER 35' 24" SHRUBS 36" O.C. <u>-(4) SOUTHERN MAGNOLIA</u> LENGTH OF BUFFER 141' (4) SOUTHERN MAGNOLIA 147 / 35 = 5 TREE 49 SHRUBS 250 INTERIOR PLANTING EXISTING ZONING OP (18) PINELAND LANTANA 250 INTERIOR PLANTING 250 INTERIOR PLANTING -(2) SHADY LADY BLACK OLIVE (7) PINELAND LANTANA (9) PINELAND LANTANA (14) DWF SCHILLINGS HOLLY - 250 INTERIOR PLANTING (I) SHADY LADY BLACK OLIVE (1) DWF SCHILLINGS HOLLY 12"-30" T (5) SWEET BAY (3) SWEET BAY (32) COCO PLUM ROW BUFFER REQUIRED MANATEE COURT + TREE PER 35' 24" SHRUBS 36" O.C. LENGTH OF BUFFER 81 ---- EXISTING HEDGE TO REMAIN TREE PROTECTION -81 / 35 = 3 TREE ROW BUFFER REQUIRED 27 SHRUBS 1 TREE PER 35'

PARKING COMPARISON

EXISTING PARKING PROPOSED PARKING

68 SPACES

O SPACES

VISIBILITY TRIANGLE -

2 /2' AND 10' FROM

GRADE

TO BE KEPT FREE OF

OBSTRUCTION BETWEEN

PARKING CALCULATIONS

TOTAL AREA OF PARKING AREA 24,100 SQ FT 24,700 × 10% = 2,470 SQ FT INTERIOR PLANTING REQUIRED

AREA OF VEHICLE USE AREA 11,500 SQUARE FEET

AREA OF PARKING SPACES 13,200 SQUARE FEET

24" SHRUBS 36" O.C. LENGTH OF BUFFER 143'

143 / 35 = 5 TREE

46 SHRUBS

AREA OF INTERIOR PLANTING PROPOSED 2,500 SQUARE FEET

REQUIRED I CANOPY TREE PER 20 PARKING SPACES TOTAL 68 PARKING SPACES PROPOSED 68 / 20 = 4 CANOPY TREE PROVIDED

REQUIRED I CANOPY TREE PER 35 FEET OF MEDIAN DIVIDER 128 / 35 = 4 CANOPY TREE PROVIDED

GENERAL NOTES

1. ALL PLANT MATERIALS SHALL BE FLORIDA NO. 1 OR BETTER PER "FLORIDA GRADES \$ STANDARDS FOR NURSERY PLANTS" PER FLORIDA DEPARTMENT OF CONSUMER SERVICES. PLANTS SHALL BE FREE OF DISEASE, INSECTS, DEFECTS, AND/OR INJURIES.

2. ALL PLANTING AREAS SHALL HAVE A 2" TO 3" LAYER OF SHREDDED ORGANIC MULCH. MULCH SHALL NOT BE IN CONTACT WITH THE BARK OF TREES OR SHRUBS.

3. WORK SHALL PROGRESS IN A WORKMANLIKE MANNER ACCORDING TO STANDARDS OF THE INDUSTRY.

4. AN AUTOMATIC IRRIGATION SYSTEM SHALL BE PROVIDED FOR THE PURPOSE OF ESTABLISHING AND MAINTAINING ALL PLANT MATERIALS. AN IRRIGATION WELL SHALL BE THE WATER SOURCE

5. ALL DISTURBED AREAS WITHIN LANDSCAPE BUFFERS AND IN LANDSCAPE ISLANDS IN THE PARKING LOT SHALL BE SODDED WITH ST. AUGUSTINE "FLORITAM" SOD. SOD SHALL BE OF GOOD QUALITY AND INSTALLED WITH PIECES FIRMLY TOGETHER SO AS TO FORM A CONTINUOUS SURFACE. ACTUAL QUANTITY OF SOD REQUIRED TO COVER DISTURBED AREAS MAY VARY AND SHALL BE DETERMINED AT THE COMPLETION OF CONSTRUCTION.

6. ALL PLANTED TREES SHALL BE PLANTED BEYOND THE TOP OF SLOPE OF DRAINAGE SWALES OR DITCHES. TREES SHALL NOT BE PLANTED ON THE SIDE SLOPES OR THE BOTTOM OF SWALES, DITCHES OR RETENTION AREAS WITH THE EXCEPTION OF SABAL PALMS

1. ALL NOXIOUS TREES AND PLANTS SHALL BE REMOVED FROM SITE AT THE TIME OF DEVELOPMENT. THIS INCLUDES BUT SHALL NOT BE LIMITED TO BRAZILIAN PEPPER (SCHINUS TEREBINTHIFOLIUS), AUSTRALIAN PINE (CASUARINA SPP.), MELALEUCA (MELALEUCA SPP.) AND CARROTWOOD (CUPANIOPSIS ANACARDIOIDES).

8. LANDSCAPING SHALL BE MAINTAINED IN PERPETUITY IN A MANNER TO MEET CITY CODES AND IN A NEAT (FREE OF LITTER AND DEBRIS) AND HEALTHY CONDITION.

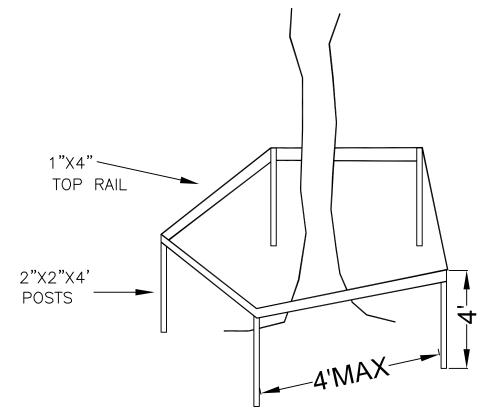
9. ALL TREES AND SHRUBS SHALL BE INSTALLED AND ESTABLISHED FOLLOWING THE GUIDELINES IN 'TREE AND SHRUB PLANTING AND ESTABLISHMENT' AVAILABLE THROUGH SARASOTA COUNTY EXTENSION SERVICE.

10. A TREE REMOVAL AND PROTECTION PERMIT SHALL BE OBTAINED PRIOR TO ANY CONSTRUCTION, CLEARING OR TREE REMOVAL FOR THE PROPOSED PROTECTION IN ACCORDANCE WITH CITY OF VENICE CODE

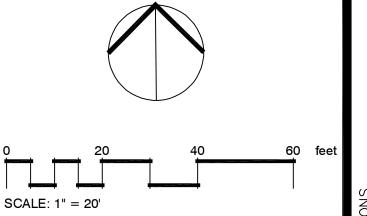
11. ALL WORK SHALL BE IN COMPLIANCE WITH THE TREE PROTECTION PROGRAM.

12 SPECIFICATIONS ARE MINIMUM REQUIRED BY CODE. ALL ALTERATIONS TO SPECIFICATIONS AND SPECIES PRIOR REQUIRE PERMISSION FROM THE LANDSCAPE ARCHITECT.

13. THE APPROVED LANDSCAPE PLANS AND SPECIFICATIONS MUST BE FOLLOWED CLOSELY. PLANT MATERIAL QUALITY AND SIZE, MULCH AND SOIL SPECIFICATIONS, AND THE SPECIFICATIONS OF THE PLANS OVERALL, WILL BE STRICTLY ENFORCED BY THE CITY. IF THE NEED FOR PLANT MATERIAL SUBSTITUTIONS OR OTHER SUBSTANTIAL CHANGES TO THE APPROVED PLANS ARISE DURING THE CONSTRUCTION PHASE, THESE CHANGES MUST BE REVIEWED BY THE CITY PRIOR TO INSTALLATION. COMMUNICATING CHANGES TO THE CITY DURING THE CONSTRUCTION PHASE COULD AVOID DELAYS WITH FINAL PROJECT APPROVALS. MINOR ALTERATIONS TO ACCOMMODATE CONSTRUCTION ARE UNDERSTOOD BUT MUST BE REVIEWED BEFORE ANY SUCH ALTERATIONS ARE MADE.



Prior to commencing work and throughout the duration of the authorized activity, the owner, developer, contractor or agent shall clearly mark with red flagging all trees proposed to be removed and shall erect barricades around all trees to be protected. The barricades must remain in place and be in good condition for the duration of the authorized activity. Protective barricades for protected trees shall be installed no closer than the outer edge of the designated TPZ of the tree. Barricades shall be placed no closer than three feet from the trunk of palms. Barricades shall be constructed in a post and rail configuration or with orange barrier fencing and be no less than four fee't in height. The upright posts shall be a minimum of a two by two-inch wooden stake. Posts shall be implanted deep enough into the ground to be stable and extend a minimum height of four feet above the ground. A minimum of a one four-inch by one inch by eight feet in length wooden board shall be used to connect the upright posts. The maximum distance allowed between upright posts is eight feet. Silt barriers, hay or straw bales, or similarly effective erosion control barriers may be substituted and required in any area where erosion or siltation may cause damage to TPZ upon approval by the city arborist. Barricades that result in greater protection may be substituted with the approval of the city arborist. In all cases, the barriers must remain in place until the final finish grade is established at the end of the project or project phase. Damage to protection barriers and encroachments into the TPZ will be subject to subsection I I 8-5(c), and article VII Signs, shall be posted at 50-foot intervals for single trees or tree clusters of 20 trees or less and 100-foot intervals for areas of more than 20 trees that clearly state potential fines and "Tree Protection Area, Keep Out".



(D)

SCALE 1" = 2*0*'

DATE *0*7.18.2*0*24

JOB NUMBER

Always call 811 two full business days before you dig to

have underground utilities located and marked.

Sunshine 811.com

LA-1

DESCRIPTION: LOTS 1 AND 2, BLOCK 34, VENICE GULF VIEW SECTION, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 5, PAGES 77 AND 77-A, OF THE PUBLIC RECORDS OF SARASOTA COUNTY, FLORIDA.

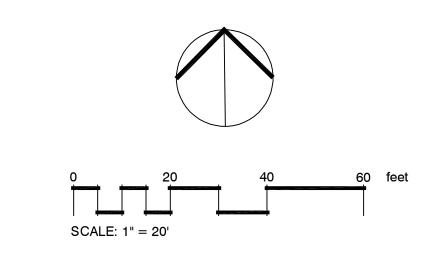
ROW BUFFER REQUIRED 1 TREE PER 35'

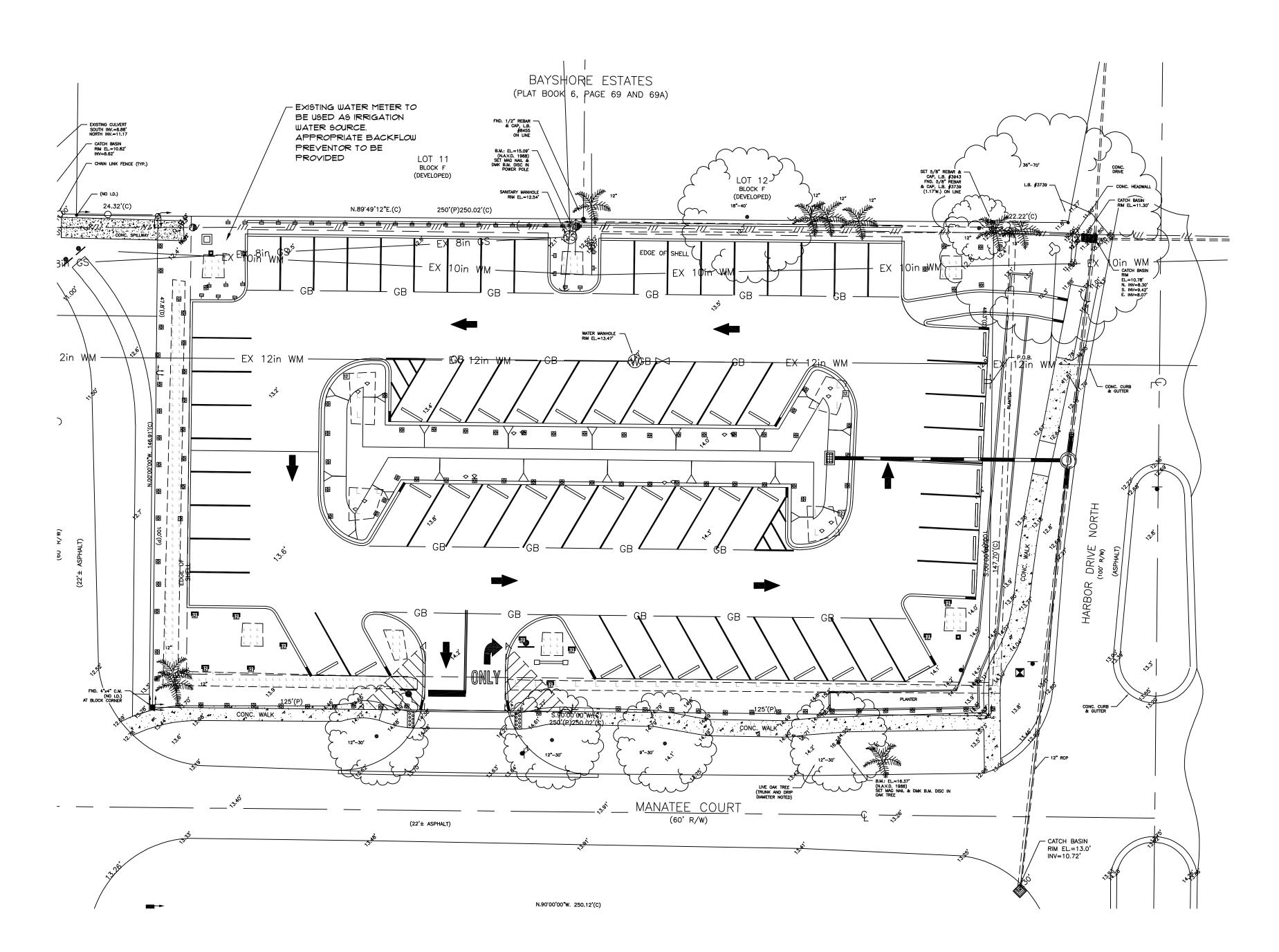
24" SHRUBS 36" O.C.

LENGTH OF BUFFER 141'

147 / 35 = 5 TREE

LENGTH OF MEDIAN DIVIDER 128 FEET





SYMB <i>O</i> L	MANUFACTURER/MODEL/DESCRIPTION	QTY	PS
5 5 5 Q H F	HUNTER PROS-06 5 SERIES TURF SPRAY, 6IN. POP-UP. CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL.	38	30
888 8 Q T H F	HUNTER PROS-06 8 SERIES TURF SPRAY, 6IN. POP-UP. CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL.	99	30
10 10 10 10 Q T H F	HUNTER PROS-06 10 SERIES TURF SPRAY, 6IN. POP-UP. CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL.	3	30
4 6 8 10 12 15 17	HUNTER PROS-06 ADJ SERIES TURF SPRAY, 6IN. POP-UP. CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL	3	30
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	Ps
◇ ◆ ◆ 0.5 1.0 2.0	NETAFIM SPCY 0.5 GPH SINGLE OUTLET PRESSURE COMPENSATING DRIP EMITTER, 1.5PSI INTERNAL CHECK VALVE, WITH SELF-PIERCING BARB. BLUE= 0.5GPH, BLACK= 1.0GPH, RED= 2.0GPH.	16	30
	AREA TO RECEIVE DRIP EMITTERS MAXIJET MAX-14 STREAM 360XI4 360° X 14 MEDIUM-ANGLE DISTANCE STREAMS	1,745 SF	30

IRRIGATION NOTES

- 1. THE IRRIGATION LAYOUT IS DIAGRAMMATIC. CHANGES MADE TO TO SITE FIELD CONDITION SHALL
- 2. THE IRRIGATION CONTRACTOR IS RESPONSIBLE FOR VERIFYING AND ADJUSTING INSTALLATION TO MEET REQUIREMENTS OF THE SCHEMATIC INTENT OF IRRIGATION PLAN PRIOR TO SUBMITTING PROPOSAL INCLUDING BUT NOT LIMITED TO AVAILABLE FLOW AND PRESSURE, CONNECTOR ASSEMBLY. EMITTERS LATERALS AND VALVES ARE NOT SHOWN ON PLAN.
- 3. ZONING BE ACCORDING TO RESUSCITATION RATE TYPE OF IRRIGATION 4. LOW YOLUME AND HIGH YOLUME WATER USE AREAS SHALL BE SERRATED BY IRRIGATION ZONE
- 5. IRRIGATION CONTRACTOR TO PROVIDE AS BUILD MARK UP DRAWING TO INDICATE ACTUAL
- 6. ANY PERMITS TP BE SECURED PRIOR TO COMMENCEMENT

OR LOCAL AUTHORITY, WHICHEVER IS STRICTER.

- 1. COLOR CODED METAL DETECTABLE MARKING TAPE SHALL BE INSTALLED THE FULL LENGTH OF THE MAINLINE.
- 8. ALL REQUIRED LANDSCAPING AND BUFFERS SHALL BE SERVED BY AN AUTOMATIC IRRIGATION SYSTEM THAT MEETS OR EXCEEDS ALL REQUIREMENTS OF COUNTY CODE 9. VERIFY THE LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF SYSTEM.
- 10. ALL PRESSURIZED MAIN LINES UNDER DRIVEWAYS OR ASPHALT SHALL BE WITHIN SLEEVES 11. ALL WORK SHALL BE PERFORMED IN A WORKMANLIKE MANNER WITH PROFESSIONAL COOPERATION WITH ANY OTHER TRADES THAT MAY BE PRESENT AT TIME OF CONSTRUCTION
- 12. TRENCHES SHALL BE BACKFILLED AND FULLY COMPACTED TO AVOID DITCHING AT A LATER TIME DUE TO SETTLING. 13. PIPE SIZES ON EITHER SIDE OF AN ELECTRONIC VALVE SHALL BE ONE SIZE LARGER THAN THE
- VALVE SIZE. 14. PIPE SHALL BE SCHEDULE 40 OR BETTER THROUGHOUT THE INSTALLATION. ANY EQUIPMENT
- INSTALLED SHALL BE OF EQUIVALENT QUALITY TO THOSE SPECIFIED. 15. SYSTEM SHALL BE INSTALLED INCLUDING AN AUTOMATIC RAIN SENSOR AND A SOIL MOISTURE SENSOR. ALL WATERING SHALL BE PER REGULATION OF LOCAL WATER MANAGEMENT DISTRICT
- 16. DRIP OR MICROJET IRRIGATION SHALL BE USED WHERE POSSIBLE. LOW TRAJECTORY NOZZLES ARE ENCOURAGED. ABOVE GROUND IMPACT HEADS ARE NOT PERMITTED.
- 17. IRRIGATION SYSTEMS SHALL USE THE LOWEST QUALITY WATER AVAILABLE WHICH WILL
- ADEQUATELY AND SAFELY MEET THE WATER NEEDS OF THE LANDSCAPING. 18. IRRIGATION SYSTEM TO BE MAINTAINED IN PROPER WORKING ORDER. DAMAGE TO ANY PART SHALL BE REPLACED WITHIN NINETY DAYS.
- 19. 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.
- 20. 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
- 21. WHEN REUSE WATER IS THE SUPPLY SOURCE, ALL IRRIGATION COMPONENTS SHALL BE APPROPRIATELY TAGGED AND COLORED PURPLE TO INDICATE THE USE OF REUSE WATER
- 22. WATER SOURCE FOR IRRIGATION WILL BE AVAILABLE REUSE.
- 23. IRRIGATION CONTRACTOR IS RESPONSIBLE FOR INVESTIGATING EXISTING IRRIGATION FOR POSSIBLE INCORPORATION INTO PROPOSED SYSTEM

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EPIPHANY CITY OF

SCALE 1" = 20'

DATE **07.18.2024**

JOB NUMBER

SHEET

LA-2