

No.:	Date:	Revision
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1.	04/17/07	Revised site plan from Project Arch. & subsequent changes.
2.	05/9/07	Revised site plan from Project Arch. & subsequent changes.
3.	11/13/08	Revised site plan from Project Arch. & subsequent changes.

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drawn:	B. DIAZ
checked:	T.Y. MORAN
approved:	J. F. SOCCASH
project #:	06-84
scale:	1" = 20'
date:	Oct. 11, 2006
cod ref:	06-84-72

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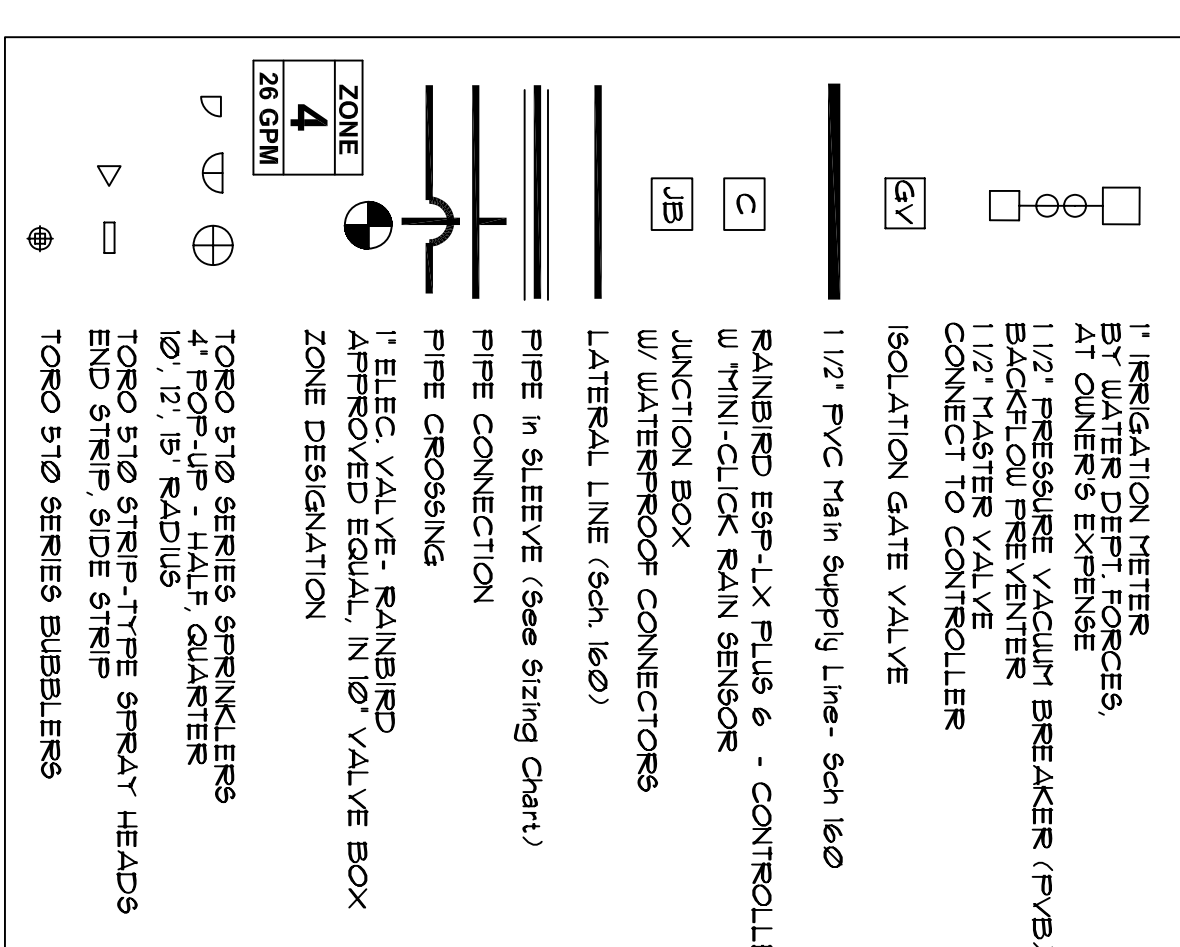
Drawing:

IRR-2

IRRIGATION SPECIFICATIONS

RAIN SENSOR- MINI-CLICK OR APPROVED EQUAL PER GRABD REQUIREMENTS
 VALVES- RAINBIRD OR APPROVED EQUAL
 VALVE BOXES- AMTIC OR NELSON, STANDARD 10" RECTANGULAR TYPE IRRIGATION BOXES WITH LATCHING GREEN COVERS.
 SPRINKLERS- RAINBIRD 5004 ROTORS, OR APPROVED EQUAL 50 GPM 1" FULL OR PART CIRCLES
 TORO 510 SERIES SPRINKLERS
 TORO 510 SERIES SPRAY NOZZLES- FULL OR PART CIRCLES AS NEEDED
 4" POP-UP FOR ALL 50D AREAS
 12" POP-UP FOR ALL GROUNDCOVER BEDS
 RISERS ARE NOT PERMITTED WITHOUT THE EXPRESS WRITTEN PERMISSION OF THE LANDSCAPE ARCH.
 MISCELLANEOUS- TO COORDINATE WITH PROJECT MANAGER TO PROVIDE ELECTRICAL SUPPLY TO CONTROLLER AND ANY OTHER COMPONENTS, IE. PUMP STATION ETC.
 NOTE: THE IRRIGATION CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR TO PROVIDE FOR IRRIGATION NOT SHOWN ON THIS PLAN OR MODIFIED AFTER THIS DESIGN.

IRRIGATION LEGEND



SPECIAL NOTE:

A ROUGH INSPECTION IS REQUIRED BY THE CITY OF HOLLYWOOD AND A FINAL INSPECTION SHALL BE REQUIRED PRIOR TO COMPLETION OF THE IRRIGATION WORK

IRRIGATION NOTES

1. IRRIGATION CONTRACTOR SHALL PROVIDE, FURNISH AND INSTALL A FULLY AUTOMATIC IRRIGATION SYSTEM WHICH WILL COMPLY WITH ALL LOCAL CODE, STATE CODE & FLORIDA WATER MANAGEMENT DISTRICT (9040) REQUIREMENTS.
2. THE IRRIGATION CONTRACTOR SHALL SCHEDULE AN ON-SITE PRE-CONSTRUCTION CONFERENCE WITH THE OWNER & THE OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO COMMENCEMENT OF INSTALLATION OF THE IRRIGATION SYSTEM.
3. CONTRACTOR SHALL INSTALL A POP-UP TYPE HEADS, SPRAY TYPE SHALL BE ROTOR, IMPACT SPRAY OR BUBBLER AND SHALL BE SO INSTALLED TO NOT CAUSE ANY OVERSPRAY ONTO ANY PAVED SURFACES, IE. ROADS, SIDEWALKS, ETC. ALL FIXTURES SHALL BE TORO, RAINBIRD OR AN APPROVED EQUAL. ALL WORK SHALL BE DONE IN A PROFESSIONAL MANNER AND AS PER THE MANUFACTURER'S SPECIFICATIONS.
4. ALL MAIN SUPPLY LINE SHALL BE PVC SCHEDULE 40 PIPE. ALL PVC FITTINGS SHALL BE SCHEDULE 40. THE MAIN LINE IS SHOWN SCHEMATICALLY. LOCATE MAIN LINES IN LANDSCAPE AREAS WHERE POSSIBLE AND SLEEVE UNDER PAVEMENT WHERE NECESSARY. MAIN LINES SHALL BE IN THE SAME TRENCH WITH LATERAL LINES WHERE POSSIBLE.
5. CONTRACTOR SHALL CONSTRUCT CONCRETE THURST BLOCKS, 12" X 12" X 12" AT ALL 90° INTERSECTIONS OR BENDS 90 DEGREES OR GREATER ON THE MAIN LINE.
6. MINIMUM PIPE SIZE SHALL BE 3/4" PIPE.
7. CONTRACTOR SHALL FERTILIZE WITH THE LOCATION OF AND AVOID PROTECT ALL UTILITY LINES, DUCTS, BURIED CABLES AND OTHER UTILITIES IN THE AREA. CONTRACTOR WILL BE RESPONSIBLE FOR THE REPAIR, LIABILITY AND COSTS INCURRED IN THE DAYTIME OR DESTRUCTION OF SAID UTILITIES.
8. THE CONTRACTOR SHALL SECURE ALL WORK WITH THE PROJECT MANAGER, LANDSCAPE CONTRACTOR AND ALL OTHER CONTRACTORS TO INSURE PROPER INSTALLATION, SCHEDULING AND PROCEDURE.
9. THE CONTRACTOR SHALL COORDINATE WITH THE PROJECT MANAGER TO PROVIDE ELECTRICAL SUPPLY TO THE CONTROLLER, PUMP, ETC. AS NEEDED.
10. THE CONTRACTOR SHALL BE RESPONSIBLE TO SECURE ALL PERMITS AS MAY BE REQUIRED BY LOCAL, STATE AND FEDERAL AGENCIES. PERMITS SHALL BE INSTALLED IN COMPLIANCE WITH ALL LOCAL AND STATE CODES.
11. ALL SLEEVES UNDER PAVEMENT SHALL BE BURIED PER FL. BLDG. CODE, APPENDIX F. ALL LATERAL SLEEVES UNDER SIDEWALKS SHALL BE BURIED BELOW SIDEWALKS AND SHALL BE SCHEDULE 40 PVC. ALL SLEEVING SHALL BE SCHEDULE 40 PVC PIPE & SHALL BE 2" THICK THE MAIN OR LATERAL PIPE SIZE.
12. THE CONTRACTOR SHALL CONNECT THE MASTER VALVE (WHEN APPLICABLE) & ALL ELECTRIC VALVES TO THE CONTROLLER & PROVIDE PROPER SYNCHRONIZATION.
13. ALL LOW-VOLTAGE ELECTRIC VALVES SHALL BE 48 DIRECT BURIAL. ALL WIRES UNDER SLEEVES SHALL BE 1/2" THICK. ALL WIRING SHALL BE INSTALLED WITHIN A MINIMUM OF 2" EXTRA WIRES FOR FUTURE 90°-INSTALLATION WORKING.
14. LINE LOCATIONS ARE APPROXIMATE. CONTRACTOR SHALL ADJUST TRENCHING AND LOCATION OF SPRAY HEADS IN THE FIELD FOR EXISTING CONDITIONS, WALKS AND OTHER STRUCTURES & PLANTINGS TO PROVIDE AND INSURE 100% COVERAGE AND 90% OVERLAP.
15. CONTRACTOR SHALL PROVIDE A ONE-YEAR GUARANTEE ON ALL PARTS AND A 90-DAY GUARANTEE ON LABOR FROM THE DATE OF FINAL ACCEPTANCE.
16. THE IRRIGATION CONTRACTOR SHALL RECORD ALL CHANGES MADE TO THE IRRIGATION SYSTEM DURING INSTALLATION, PROVIDE AN AS-BUILT DRAWING TO THE OWNER'S REPRESENTATIVE UPON COMPLETION AND ACCEPTANCE OF THE WORK.
17. THE IRRIGATION CONTRACTOR SHALL NOTIFY THE OWNER OR THE OWNER'S REPRESENTATIVE IN THE COMPLETE OPERATION & MAINTENANCE OF THE SYSTEM. THE CONTRACTOR SHALL PROVIDE 1/2" COPIES OF RECORD OF THE SYSTEM, MAINTENANCE MANUAL PREPARED BY THE MANUFACTURER & THE SYSTEM INSTALLER.
18. THE IRRIGATION CONTRACTOR SHALL CHECK AND ADJUST THE SYSTEM AT THE END OF THE 90-DAY PERIOD FROM THE DATE OF FINAL ACCEPTANCE.

**FLORIDA BUILDING CODE-APPENDIX F
 PART V-A-6**

WATER PIPE SIZE	SLEEVE SIZE
3/4"	1 1/2"
1"	2"
1 1/4"	2 1/2"
1 1/2"	3"
2"	4"
3"	6"
4"	8"

SLEEVES TO EXTEND A MIN. 3" BEYOND ALL PAVED AREAS, BACKFILL AND COMPACTION PER APPENDIX F.

**FLORIDA BUILDING CODE-APPENDIX F
 PIPE INSTALLATION-DEPTH OF COVER**

PIPE SIZE (INCHES)	DEPTH OF COVER (INCHES)
1/2" TO 2 1/2"	18" TO 24"
3" TO 5 1/2"	24" TO 30"
6" OR GREATER	30" TO 36"

NON-TRAFFIC AND NON-CULTIVATED AREAS

PIPE SIZE (INCHES)	DEPTH OF COVER (INCHES)
1/2" TO 1 1/4"	6" TO 12"
1 1/2" TO 2"	12" TO 18"
2 1/2" TO 3"	18" TO 24"
4" OR LARGER	24" TO 36"

IRRIGATION PLAN