

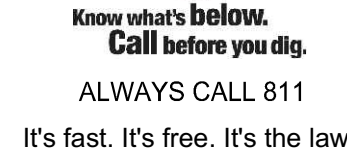
1. THE CONTRACTOR MUST COMPLY WITH THE CURRENT FLORIDA BUILDING CODE.
2. NO PRODUCT SUBSTITUTIONS OR CHANGES WILL BE ALLOWED WITHOUT THE WRITTEN APPROVAL OF THE OWNER AND IRRIGATION DESIGNER.
3. THE CONTRACTOR SHALL OBTAIN A WELL PERMIT FROM PALM BEACH COUNTY DEPT. OF HEALTH AND INSTALL A WELL THAT PRODUCES 55 GALLONS PER MINUTE IN ACCORDANCE WITH REGULATIONS. THE OWNER WILL PROVIDE THE WELL WATER USER LICENSE.
4. OVER-SPRAY ONTO BUILDINGS, SIGNS OR PAVEMENT IS PROHIBITED
5. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING UTILITIES PRIOR TO DIGGING.
6. NO ROCKS OR OTHER EXTERNAL MATERIALS TO BE USED IN BACKFILLING OF PIPE TRENCHES.
7. ALL PIPE TO BE INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS.
8. ALL THREADED JOINTS TO BE COATED WITH TEFLON TAPE OR LIQUID TEFLON AFTER EACH JOINT IS TIGHTENED PRIOR TO INSTALLATION OF HEADS.
9. ALL LOW VOLTAGE ELECTRICAL CONNECTIONS MADE IN THE FIELD TO BE, 11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER COVERAGE OF ALL LANDSCAPE AREAS.
12. THE CONTRACTOR TO SUPPLY TO THE OWNER WITH OPERATION MANUALS AND TWO (2) WRENCHES FOR ADJUSTING EACH VALVE AND HEAD TYPE.
13. ALL MAINLINE, LATERAL LINE AND CONTROL WIRE CONDUIT UNDER PAVING SHALL BE INSTALLED IN SEPARATE SLEEVES. SLEEVES SHALL BE A MINIMUM OF 1/2" ABOVE THE DRAINAGE DITCH OR CURB.
14. ALL CONTROL WIRES SHALL BE MINIMUM #14 AWG. RUN TWO (2) SPARE CONTROL WIRES AND IDENTIFY THEM IN THE VALVE BOX.
15. ALL REMOTE CONTROL VALVES, GATE VALVES, QUICK COUPLERS, CONTROL WIRE AND WAMP OR CONTROL CABLE SHALL BE IDENTIFIED IN APPROVED VALVE BOXES WITH COVERS. ALL SHALL BE MARKED INDICATING STATION NUMBERS.
16. INSTALL ALL BACKFLOW PREVENTION DEVICES AND ALL PIPING BETWEEN THE POINT OF CONNECTION AND THE BACKFLOW PREVENTER AS PER LOCAL CODES.
17. FINAL LOCATION OF THE BACKFLOW PREVENTER AND AUTOMATIC CONTROLLER SHALL BE APPROVED BY THE OWNER'S AUTHORIZED REPRESENTATIVE.
18. 120 VAC ELECTRICAL POWER SOURCE AT CONTROLLER LOCATION SHALL BE PROVIDED BY OTHERS. THE ELECTRICAL CONTRACTOR SHALL MAKE THE FINAL CONNECTION FROM THE ELECTRICAL SOURCE TO THE CONTROLLER.
19. THE IRRIGATION CONTRACTOR SHALL FLUSH AND ADJUST ALL SPRINKLER HEADS AND VALVES FOR OPTIMUM SPRAY WITH MINIMAL OVERSPRAY ONTO WALKS, STREETS, WALLS, ETC.

1. PROVIDE AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM PROVIDING 100% COVERAGE WITH 50% OVERLAP UTILIZING A CONTROL VALVE WITH AN E-T MANAGER. THE SYSTEM WILL BE DESIGNED IN CONCORDANCE BASED ON PLANTING ARRANGEMENT. THE WATER SOURCE WILL BE A WELL WITH PRESSURE START PUMP SYSTEM, FLOODING 60 PSI @ 55 GPM AND DISTRIBUTION WITH HIGH CATCH A COMBINATION OF CONVENTIONAL POP-UP SPRAY HEADS, FLOOD BUBBLERS ON TREES AND SUBSURFACE DRIP IN PARKING AREA ISLANDS. A RAIN SENSOR WILL BE PROVIDED TO AID IN WATER CONSERVATION.
2. THE ELECTRICAL CONNECTION POINT WILL BE THE LIFT STATIONS 3-PHASE POWER PANEL. CONTRACTOR SHALL PROVIDE ELECTRICAL CONNECTION AND EQUIPMENT NECESSARY.
3. THE MAIN LINE CONNECTION IS SCHEMATIC ONLY. THE CONTRACTOR SHALL VERIFY AND ADJUST THE PUMP STATION, WELL LOCATION, AND MAIN LINE APPROPRIATELY WITHIN THE LANDSCAPE AREAS.
4. ADJUST HEIGHTS OF 4" TALL MPR SERIES POP-UP SPRAY HEADS IN CORRELATION WITH INSTALLED PLANT MATERIAL AND FIELD CONDITIONS.
5. ALL PVC SLEEVING SHALL EXTEND 18" INTO PERVIOUS LANDSCAPE AREAS.
6. DEPICTION OF ELECTRIC ZONE VALVES, PVC MAINLINE, AND LATERAL LINES ARE SHOWN SCHEMATIC FOR CLARITY PURPOSES. LINES AND PIPING SHALL BE INSTALLED WITHIN THE LIMIT OF THE PROJECT FOR OTHER WORK AND IN CORRELATION WITH FIELD CONDITIONS.
7. IRRIGATION CONTRACTOR TO ENSURE ADEQUATE COVER OVER ALL PIPING. SEE IRRIGATION SPECIFICATIONS.
8. A MINIMUM OF 63PSI IS REQUIRED FOR ADEQUATE WATER PRESSURE. IF THERE SHOULD BE INSUFFICIENT PRESSURE AT THE POINT OF CONNECTION, A BOOSTER PUMP MAY BE REQUIRED. DESIGN FLOW: MAXIMUM 10 GPM AT 63 PSI.
9. ALL IRRIGATION COMPONENTS WITHIN BUILDING ARE SHOWN SCHEMATIC. CONTRACTOR IS TO REFER TO ARCHITECTURAL DRAWINGS AND COORDINATE LOCATIONS OF CONTROLLER, MAIN BACKFLOW PREVENTER WITH ASSOCIATED OVERFLOW DRAIN FOR THE BACKFLOW PREVENTER AND IRRIGATION POINT OF CONNECTION.
10. ALL IRRIGATION COMPONENTS SHOULD BE ADJUSTED IN THE FIELD TO CORRELATE WITH EXISTING AND PROPOSED UTILITIES.
11. AT NO POINT IS THE PROPOSED MAINLINE OR SPRAY LATERALS TO BE CONNECTED DIRECTLY TO THE DRIPLINE.

BEFORE SCHEDULING RUN TIMES, THE SITE SHOULD BE "WALKED" AND PLANTED AREAS INSPECTED TO OBSERVE PLANT STRESS AND HEALTH. SOIL MOISTURE SHOULD BE MEASURED AT VARIOUS LOCATIONS TO DETERMINE IF ANY ADJUSTMENTS MADE TO THE IRRIGATION SCHEDULE EACH IRRIGATION SESSION SHOULD BE SCHEDULED TO ENCOURAGE DEEP ROOTS THROUGH DEEP WATERING AND MINIMAL RUNOFF. THIS CAN BE ACHIEVED THROUGH USE OF MULTIPLE SHORT RUNS INSTEAD OF ONE LONG RUN. RUN TIMES SHOULD BE ADJUSTED TO COMPACTED SOILS. WATERING TIMES SHOULD DELIVER ENOUGH WATER TO SOAK THE GROUND TO A DEPTH OF 12 INCHES. RUN TIMES SHOULD BE ADJUSTED TO SANDY SOILS. SANDY SOILS DO NOT HOLD WATER AS WELL AS CLAY. WATER IS NEEDED TO SOAK A SANDY SOIL COMPARED TO A CLAY SOIL. SOILS SHOULD BE ALLOWED TO DRY TO A 50% MOISTURE DEPLETION LEVEL BETWEEN IRRIGATIONS. IF THE ROOT ZONE DOES NOT HAVE AIR BE PRESENT IN THE SOIL. RUN TIMES SHALL BE ADJUSTED SEASONALLY.

NOTE: IRRIGATION CONTRACTOR SHALL UTILIZE IRRIGATION COMPONENTS FROM MANUFACTURER'S LISTED ABOVE OR APPROVED EQUAL. SCHEDULE EXCLUDES FITTINGS, SOLVENT CEMENTS, ELECTRICAL WIRE, AND MISCELLANEOUS IRRIGATION COMPONENTS.

- THIS PLAN IS TO BE UTILIZED FOR IRRIGATION PURPOSES ONLY
- REFER TO UTILITY PLAN FOR PROPOSED & EXISTING UNDERGROUND UTILITIES
- REFER TO IRRIGATION NOTES & DETAILS SHEET FOR SPECIFICATIONS & DETAILS

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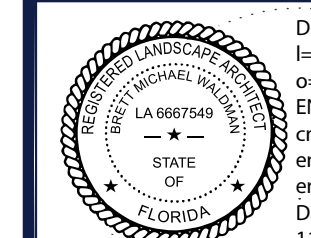
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