

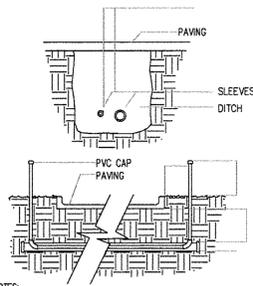
SECTION VIEW
MAINLINE/LATERAL AND WIRING IN THE SAME TRENCH
MAINLINE PIPE
LATERAL PIPE
WIRING IN CONDUIT

PLAN VIEW

RUN WIRING UNDER MAINLINE. TAPE AND BUNDLE AT 10' O.C.
ALL PLASTIC PIPING TO BE SNAKED IN TRENCH AS SHOWN
TIE A 24" LOOP IN ALL WIRING AT CHANGES OF DIRECTION OF 30° UNITS AFTER ALL CONNECTIONS HAVE BEEN MADE.

NOTE:
SLEEVE BELOW ALL HARDCAPE ELEMENTS CLASS 200 PVC 2 TIMES THE DIA. OF THE PIPE WITHIN.

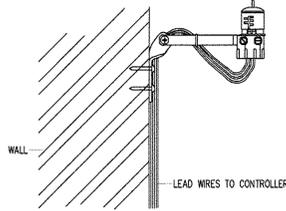
10 PIPE & WIRE TRENCHING
SCALE: NTS



SECTION VIEW
PAVING
SLEEVES
DITCH
PVC CAP
PAVING

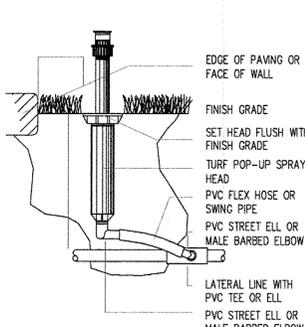
NOTES:
1. ALL PVC IRRIGATION SLEEVING TO BE CLASS 200.
2. ALL JOINTS TO BE SOLVENT WELDED AND WATERPROOF.
3. WHERE THERE IS MORE THAN ONE SLEEVE, EXTEND SMALLER SLEEVE TO 24" MIN. ABOVE FINISH GRADE.
4. MECHANICALLY TAMP TO 50% PROCTOR.

9 IRRIGATION SLEEVING
SCALE: NTS

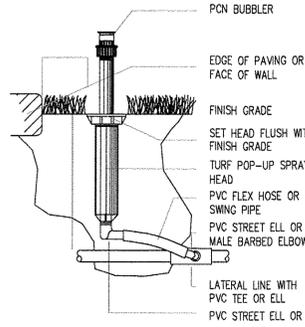


NOTE:
MOUNT SENSOR ON ANY SURFACE WHERE IT WILL BE EXPOSED TO UNOBSTRUCTED RAINFALL, BUT NOT IN THE PATH OF SPRINKLER SPRAY.

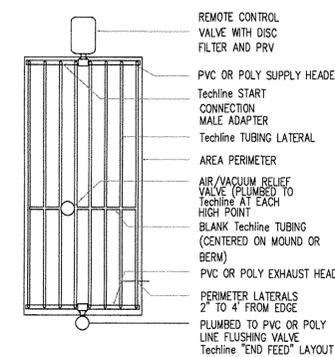
8 RAIN SENSOR
SCALE: NTS



7 TURF HEAD POP-UP
SCALE: NTS



6 TREE BUBBLER
SCALE: NTS

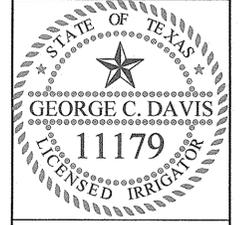


NOTES:
1. INSTALL ACCORDING TO MANUFACTURE'S SPECIFICATIONS
2. CONTRACTOR TO PRICE COMPLETE INSTALLATION UNLESS OTHERWISE INFORMED

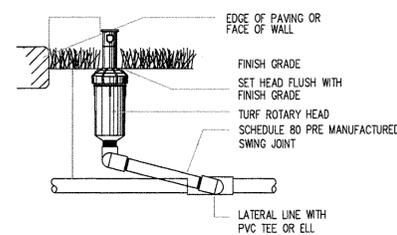
5 DRIP
SCALE: NTS



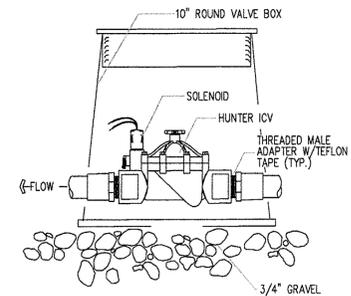
Irrigation designer: George C. Davis
Drawn by: Adler Lopez
5212 N. Jackson rd. Edinburg, Texas
Edinburg, Texas
Phone: (956) 380-2289
Fax: (956) 381-8631
Date: 12-06-12



Edinburg Memorial Park
Edinburg, Texas

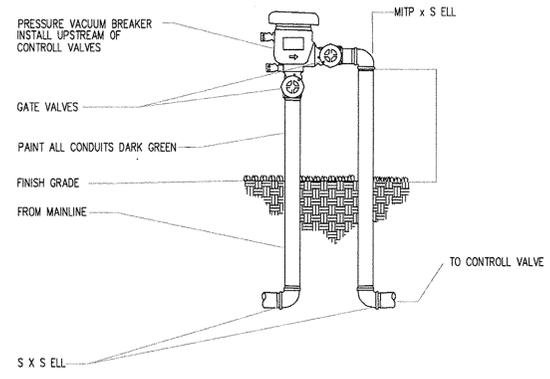


4 TURF HEAD ROTOR
SCALE: NTS

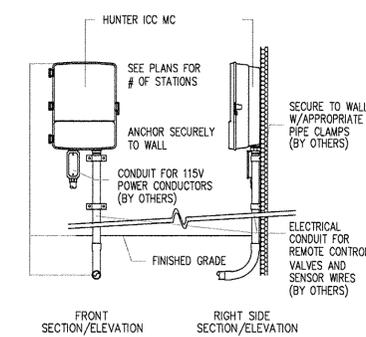


3 REMOTE CONTROL VALVE
SCALE: NTS

NOTES: 1. ALL FITTINGS AND RISERS SHALL BE COPPER.



2 PRESSURE VACUUM BREAKER
SCALE: NTS



1 IRRIGATION CONTROLLER
SCALE: NTS

- IRRIGATION NOTES:
- Contractor shall be responsible for visiting site and getting familiar with existing conditions.
 - Contractor shall be responsible for becoming familiar with all existing utilities and must take necessary precautions to avoid damage during escavation. Contractor shall be responsible for any damage caused at site.
 - Contractor shall schedule all work with Owner. and finish in a timely manner.
 - All equipment numbers reference Rainbird Equipment catalog unless otherwise indicated.
 - LAWN SPRAY HEADS are 4" pro-spray installed as per detail.
 - ELECTRIC CONTROLL VALVES shall be PEB installed as per detail shown. size valve as shown on plans. Valves shall be installed in valve boxes large enough to permit manual operation, removal of selenoid and/or valve cover without any earth excavation.
 - AUTOMATIC CONTROLLER shall be installed at location shown. Power (120V) shall be located in a junction box within (5') of controller location. Power Supply and junction box to be provided by owner.
 - All 24 Volt valve wiring is to be UF 14 single conductor. All wire splices are to be permanent and water proof.
 - SLEEVES shall be supply/installed by L.I.C. Sleeve material shall be Schedule 40. Size shall be 2" larger then pipe being protected.
 - Ten Days prior to start of construction, contractor shall verify static water pressure. If static pressure is less than 55 PSI, do not start work until notified to do so by owner.
 - All mainline piping shall have a minimum of 12 inches of cover. Lateral piping shall have 8" of cover. All piping under paving shall have a minimum of 18 inches of cover.
 - The irrigation contractor shall select the proper arc and radius for each nozzle to insure 100% and proper coverage of all lawn areas and plant material. All nozzels in parking lots and planting beds shall be low angle to minimize overspray on pavement surfaces. No water will be allowed to spray on building.
 - The irrigation contractor shall warranty all system components for a period of one year.
 - AS BUILT - Provide owner with a complete set of AS-BUILTS Drawings at final acceptance.
 - SENSORS - Install Rain Shut-Off Sensors in elevated and exposed exterior locations clear of trees and other obstructions.
 - Lateral Pipe and sleeves to tree bubblers and drip zones is omitted for graphic clarity. Connect tree bubblers and drip zones to valves shown with Class 200 PVC pipe. All lateral shall be sized to allow maximum flow velocity of five feet per second.
 - LIC to coordinate with owner for watering schedule.
 - Add 2" Schedule 40 sleeve to all mainline sleeve location.
 - Add Drip on 10 foot easement. Drip has to be 2 to 3 inches underground.

