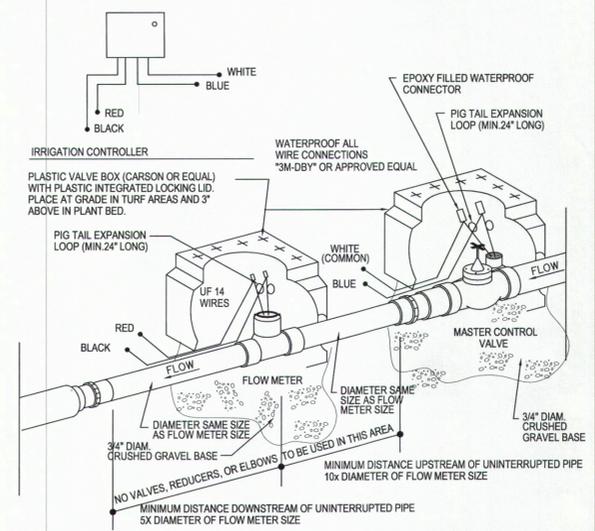
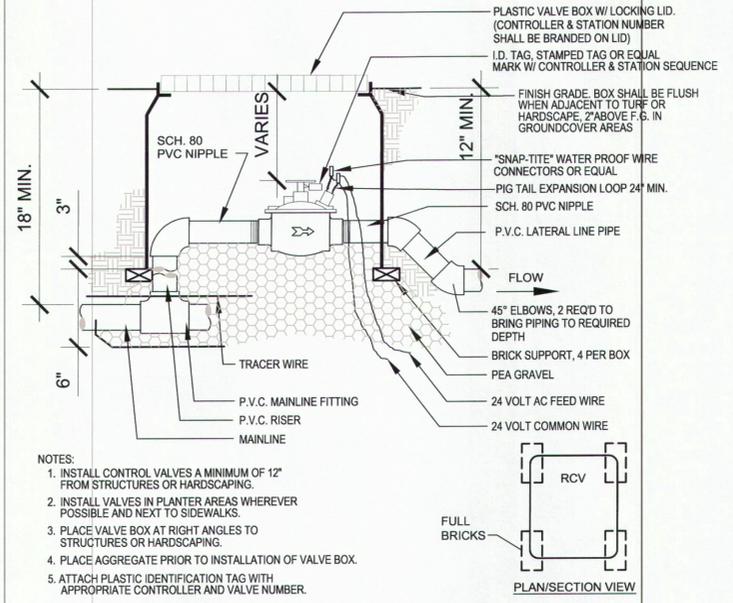


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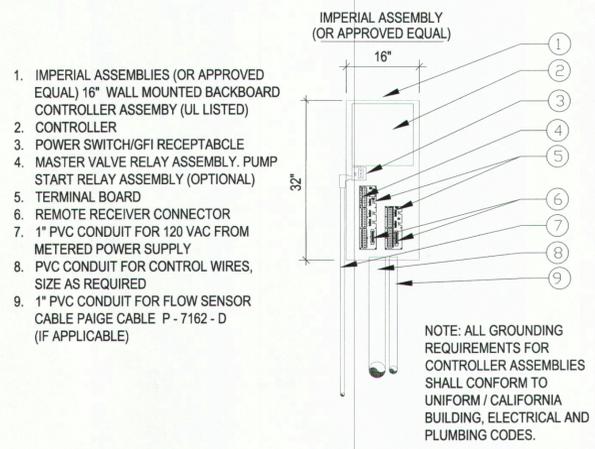
DRAWN BY: DH  
CHECKED BY: LW  
PROJECT NO. 0817  
DATE: 06/07/2011



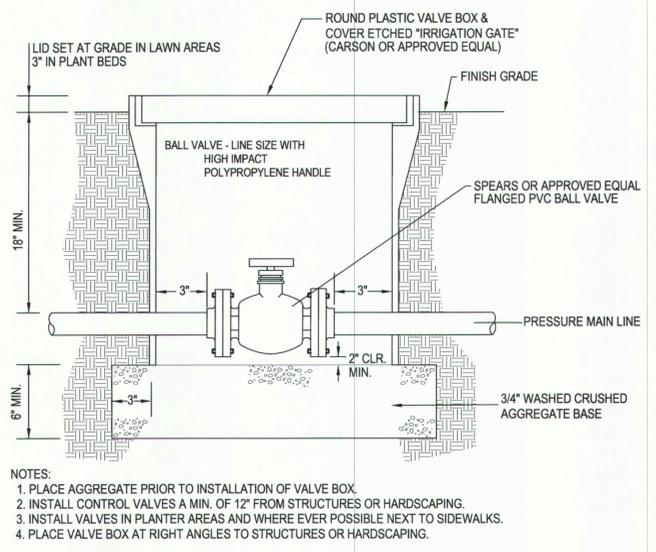
**(A) FLOW SENSOR AND MASTER VALVE**



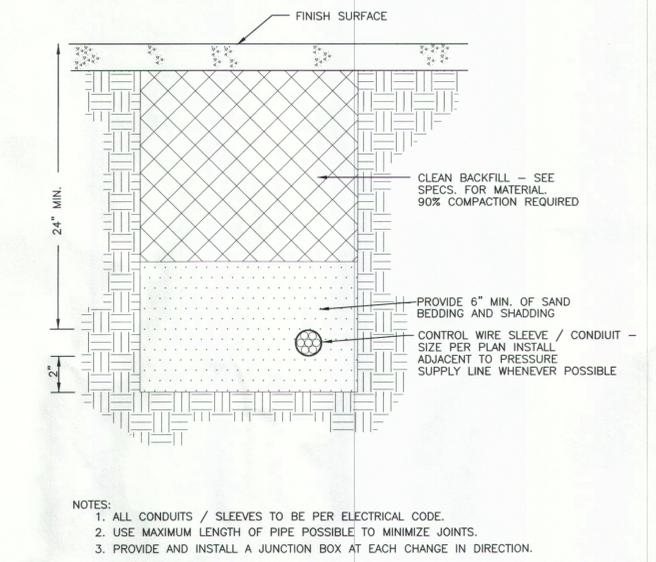
**(B) REMOTE CONTROL VALVE (MASTER)**



**(C) RETROFIT CONTROLLER ASSEMBLY**



**(D) SHUT-OFF VALVE**



**(E) CONDUIT FOR LOW VOLTAGE WIRES**

**(F) NOT USED**

- IRRIGATION NOTES:**
- THIS IRRIGATION DESIGN IS DIAGRAMMATIC. ALL PIPING, VALVES, ETC. SHOWN WITHIN PAVED AREAS ARE FOR DESIGN CLARIFICATION ONLY AND SHALL BE INSTALLED IN PLANTING AREAS WHEREVER POSSIBLE. SEE DETAILS FOR VERTICAL AND HORIZONTAL ALIGNMENT OF ALL PIPING AND EQUIPMENT.
  - SET ALL VALVES AND QUICK COUPLERS NEXT TO WALKS OR PAVED SURFACES.
  - FINAL LOCATION OF THE AUTOMATIC CONTROLLER AND WEATHER AND/OR RAIN SENSOR SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT AND CITY PROJECT MANAGER.
  - PROVIDE SEPARATE WIRE COLORS FOR EACH IRRIGATION VALVE FROM CONTROLLER TO VALVES.
  - PVC SHALL BE LAID WITH HORIZONTAL CONNECTIONS.
  - SCHEDULE 40 OR ABOVE ONLY ON PVC. NO CLASS 200.
  - PRESSURE TEST ON ALL MAINLINES 4 HOURS AT 150 PSI. CALL INSPECTOR PRIOR TO STARTING TEST.
  - REPORT PRESSURE READING TO LANDSCAPE ARCHITECT OR RECORD PRIOR TO STARTING CONSTRUCTION.
  - BEFORE COMMENCING ANY EXCAVATION, THE CONTRACTOR SHALL OBTAIN AN UNDERGROUND SERVICE ALERT I.D. NUMBER BY CALLING 1-800-422-4133. TWO (2) WORKING DAYS SHALL BE ALLOWED AFTER THE I.D. NUMBER IS OBTAINED AND BEFORE THE EXCAVATION WORK IS STARTED SO THAT UTILITY OWNERS CAN BE NOTIFIED.
  - IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO FAMILIARIZE HIMSELF WITH THE GRADE DIFFERENCES, LOCATION OF WALLS, AND UTILITIES. THE IRRIGATION CONTRACTOR SHALL REPAIR OR REPLACE ALL ITEMS DAMAGED BY HIS WORK. HE SHALL COORDINATE HIS WORK WITH OTHER CONTRACTORS FOR THE LOCATION AND INSTALLATION OF PIPE SLEEVES AND LATERALS UNDER ROADWAYS AND PAVING, ETC. THE CONTRACTOR SHALL VERIFY WATER PRESSURES PRIOR TO CONSTRUCTION. REPORT ANY DIFFERENCE BETWEEN WATER PRESSURE INDICATED ON THE DRAWINGS AND THE ACTUAL PRESSURE READING AT THE IRRIGATION POINT OF CONNECTION TO THE ARCHITECT.
  - DO NOT WILLFULLY INSTALL THE SPRINKLER SYSTEM AS SHOWN ON THE DRAWINGS WHEN IT IS OBVIOUS IN THE FIELD THAT THERE ARE UNKNOWN OBSTRUCTIONS OR GRADE DIFFERENCES IN THE AREA. DIMENSIONS EXIST THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE ENGINEERING. SUCH OBSTRUCTIONS OR DIFFERENCES SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT. IN THE EVENT THAT THIS NOTIFICATION IS NOT GIVEN, THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY NECESSARY REVISIONS.
  - ALL SPRINKLER EQUIPMENT NOT OTHERWISE DETAILED OR SPECIFIED SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS.
  - THE INTENT OF THE DESIGN IS TO PROVIDE 100% COVERAGE TO ALL PLANTING AREAS. AS PART OF THE SCOPE OF WORK, PROVIDE ANY ADDITIONAL HEADS, SPECIAL NOZZLES, OR PATTERNS TO ACHIEVE PROPER COVERAGE WITH A MINIMUM OF OVER SPRAY AT NO ADDITIONAL COST TO THE OWNER.
  - INSTALLATION FOR THE CONTROL WIRES SHALL FOLLOW MAINLINE ROUTING.
  - SLEEVE MAIN AND LATERAL LINES UNDER PAVED SURFACES WITH PIPE 2X PIPE DIAMETER.
  - NEW SLEEVING TO BE INSTALLED 36\"/>

**(G) IRRIGATION NOTES**

DIAL BEFORE YOU DIG  
DIAL 8-1-1 FROM ANY PHONE OR  
VIA WEB AT: <http://www.digalert.org/digexpress.asp>

PLAY IT SAFE  
DIAL BEFORE  
YOU DIG!

AT LEAST TWO  
WORKING DAYS  
PRIOR TO  
EXCAVATING

SERVING NINE SOUTHERN CALIFORNIA COUNTIES