



- NOTES & LEGENDS**
- HEADS**
- TORO 570Z SERIES - 4" POP UP SPRINKLER HEAD
 - FITTED WITH FIXED SPRAY NOZZLE
- DRIP IRRIGATION**
- LOCATION OF TORO NETAFIM TECHLINE 1/2" P.E. TUBING, 18" EMITTER SPACING INTERVALS AT 1.6 GPH EMITTERS ONLINE
 - LOCATION OF DRIP VALVE ASSEMBLY TORO DRIP VALVE KIT #DZK-700-LP
 - LOCATION OF NETAFIM FLUSH VALVE #TLFV
- PIPE**
- DENOTES ROUTE OF PR 200 PVC LATERAL PIPING
 - LATERAL PIPE SIZING SCHEDULE
 - ZERO TO FIFTEEN GPM ACCUMULATED FLOW USE 1" PR 200 PVC PIPE
 - GREATER THAN FIFTEEN UP TO THIRTY-FIVE GPM USE 1.5" PR 200 PVC PIPE
 - DENOTES ROUTE OF 1.5" PR 200 MAIN LINE PIPING
- VALVES**
- LOCATION OF ELECTRIC 24 V.A.C. REMOTE CONTROL VALVE WITH FLOW CONTROL FEATURE (MODEL # TORO 254-06-04)
- CONTROLLER**
- LOCATION OF THE IRRIGATION CONTROLLER. THE CONTROLLER SHALL BE A TORO INTELLI-SENSE SERIES UNIT WHICH SHALL BE OF THE WALL MOUNT STYLE. THE CONTROLLER SHALL BE OF THE MODEL NUMBER ITS-09-00. THE CONTROLLER SHALL BE MOUNTED IN THE APPROPRIATE LOCATION SHOWN ON THE PLAN.
 - ALL ELECTRICAL CONNECTIONS AND INSTALLATIONS SHALL BE PERFORMED IN ACCORDANCE WITH LOCAL CODE REQUIREMENTS.
 - ALL 120 VAC WIRING SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE ELECTRICAL CODE REQUIREMENTS.
- NOTE:** THE OWNER SHALL BE RESPONSIBLE FOR PROVIDING A 120 VAC POWER CIRCUIT AT THE CONTROLLER LOCATION. THE POWER SOURCE SHALL BE CAPABLE OF SUPPORTING A 10 AMPERE LOAD AT 120 VAC.
- BACKFLOW PREVENTION**
- DENOTES THE LOCATION OF REDUCED PRESSURE BACKFLOW PREVENTER (R.P.B.P.) WHICH SHALL BE THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR. THE BACKFLOW SHALL BE 1" IN SIZE.
- WATER SUPPLY**
- THE POINT OF CONNECTION SHALL BE AS SHOWN ON THE DRAWING. THE OWNER SHALL PROVIDE THE POINT OF CONNECTION FOR THE IRRIGATION CONTRACTOR.
 - THE IRRIGATION SYSTEMS SHALL BE CAPABLE OF DELIVERING 12 GPM AT 55 PSI MAXIMUM WITH ONE STATION OPERATING WITH 40 PSI AT THE BASE OF THE HEAD FOR OPTIMUM PERFORMANCE OF THE IRRIGATION SYSTEM AS DESIGNED AND SPECIFIED.
- SLEEVING**
- DENOTES LOCATION OF PVC SLEEVES. SLEEVES SHALL BE SIZED AS LABELED.
- NOTE:** THE IRRIGATION SYSTEM IS DISPLAYED SCHEMATIC IN NATURE. THE IRRIGATION CONTRACTOR MAY BE REQUIRED TO MAKE MINOR ADJUSTMENTS IN THE FIELD. THESE MINOR ADJUSTMENTS SHALL BE MADE AT NO ADDITIONAL COST TO THE OWNER BUT SHALL BE MADE ONLY AFTER NOTIFICATION IS MADE TO THE OWNER OR HIS REPRESENTATIVE.
- THIS DESIGN IS BASED ON THE SITE INFORMATION AND/OR DRAWINGS SUPPLIED BY THE CLIENT OF RECORD WITH DESIGN CRITERIA BEING SET BY THE CLIENT AND/OR PROJECT OWNER. AREA TO BE IRRIGATED, MANUFACTURE'S EQUIPMENT TO BE EMPLOYED, WATER SOURCE, SUITABILITY, ELECTRICAL POWER AVAILABILITY FOR IRRIGATION SYSTEM USE, ETC., SMITH TUB & IRRIGATION CO. BEARS NO RESPONSIBILITY OR LIABILITY FOR ANY ERRORS IN DESIGN OR APPLICATION WHICH MIGHT ARISE DUE TO INACCURACIES IN THE ABOVE REFERENCE INFORMATION SUPPLIED TO SMITH TUB & IRRIGATION CO. IN RELATION TO THIS SPECIFIC PROJECT. OTHERWISE NOTED.**

