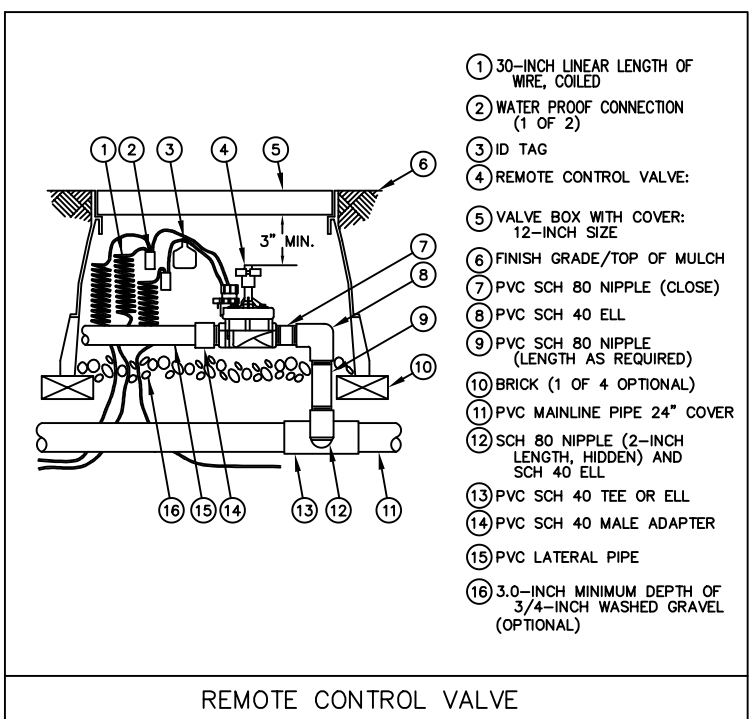
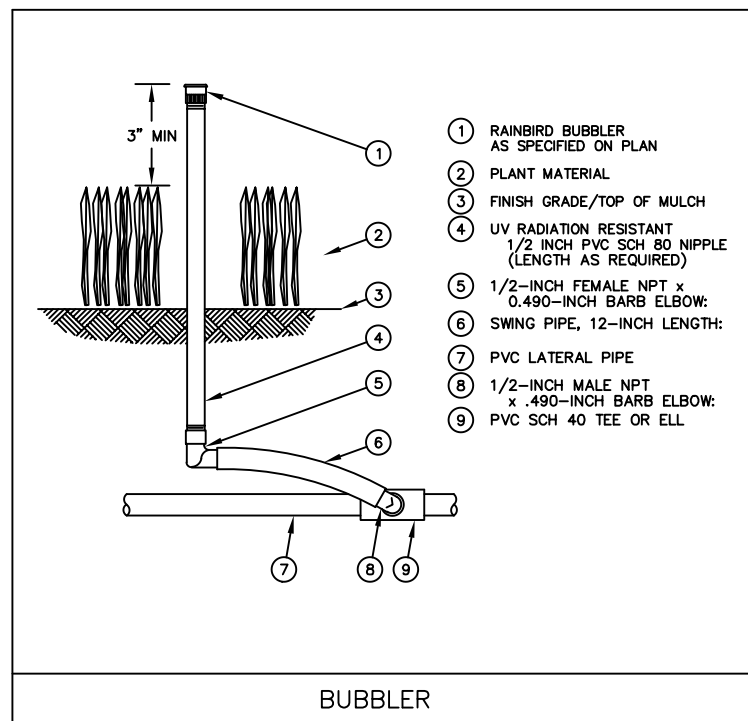
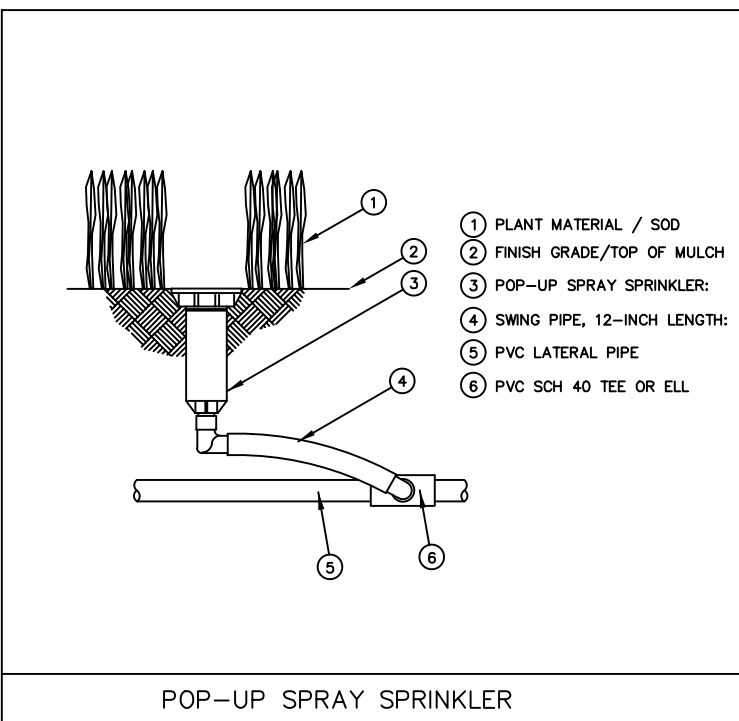
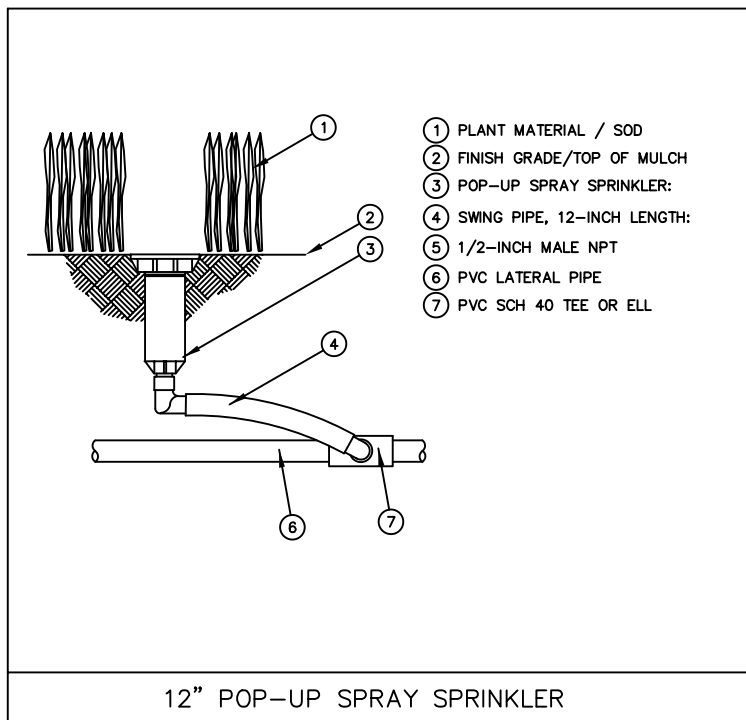
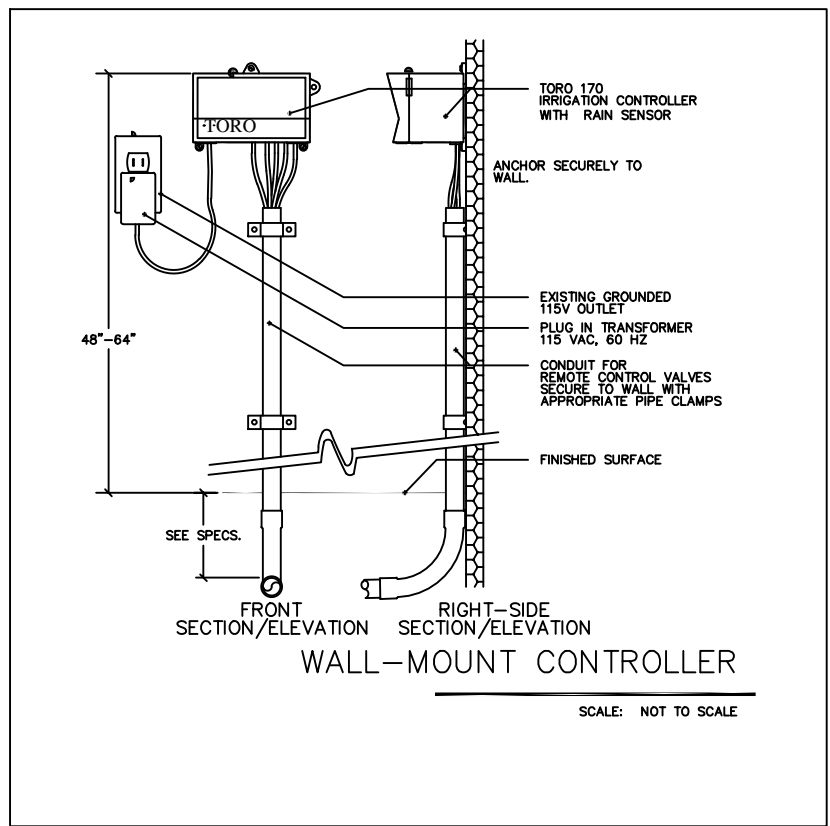


LANDSCAPE IRRIGATION LEGEND

- TORD 252-06-08 ELECTRIC VALVE
- IRRIGATION SLEEVE UNDER PAVEMENT
- 1-1/2" IRRIGATION LINE AND PIPE SIZE
 - TORD 570-15-F-PC IRRIGATION HEAD
 - TORD 570-15-TQ-PC IRRIGATION HEAD
 - TORD 570-15-H-PC IRRIGATION HEAD
 - TORD 570-15-Q-PC IRRIGATION HEAD
- TORD 570-4-SST/ EST IRRIGATION HEAD
- TORD MIM18-4P-30GPM
- PROPOSED SHRUB/GROUND COVER PLANTING



GENERAL CONDITIONS:

- THE CONTRACTOR SHALL PROVIDE ALL, EQUIPMENT, MATERIAL, AND LABOR NECESSARY FOR THE COMPLETION OF THE IRRIGATION WORK DESCRIBED HEREIN.
- IRRIGATION PLANS ARE SCHEMATIC AND DRAWN FOR GRAPHIC CLARITY. ALL PIPING BELOW PAVEMENT SHALL BE SLEEVED. LAYOUT OF IRRIGATION SYSTEM SHALL BE COORDINATED WITH CORRESPONDING LANDSCAPE PLAN AND SITE CONDITIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A COMPLETE AND OPERABLE IRRIGATION SYSTEM. A RAIN SENSOR SHALL BE INSTALLED TO OVER-RIDE THE CONTROLLER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING HEAD LOCATION, TYPE, AND SIZE AND ALL SYSTEM COMPONENTS TO COMPLY WITH THE REQUIREMENTS OF LANDSCAPING. PIPING SHALL BE SIZED TO MINIMIZE FRICTION LOSS AND MAINTAIN FLOW VELOCITY BELOW 5 FPS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTING THE SYSTEM IN COMPLETE ACCORDANCE WITH ALL LOCAL CODES, ORDINANCES, AND LAWS.
- AS-BUILT DRAWINGS SHALL BE PREPARED BY THE CONTRACTOR AND GIVEN TO THE OWNER PRIOR TO FINAL ACCEPTANCE.

SAFETY PROVISIONS:

- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT ALL PERSONS FROM INJURY AND TO AVOID PROPERTY DAMAGE.
- TEMPORARY SUPPORT, ADEQUATE PROTECTION, AND MAINTENANCE OF ALL UNDERGROUND AND SURFACE UTILITIES, STRUCTURES, DRAINS, SEWERS, AND OTHER OBSTRUCTIONS ENCOUNTERED IN THE PROCESS OF THE WORK SHALL BE FURNISHED BY THE CONTRACTOR SOLELY AT HIS EXPENSE.

EXISTING LANDSCAPING:

- ANY DISRUPTION, DESTRUCTION, OR DISTURBANCE OF ANY PLANT, OR ANY STRUCTURES SHALL BE COMPLETELY RESTORED TO THE SATISFACTION OF THE OWNER SOLELY AT THE CONTRACTOR'S EXPENSE.

PAVEMENT RESTORATION:

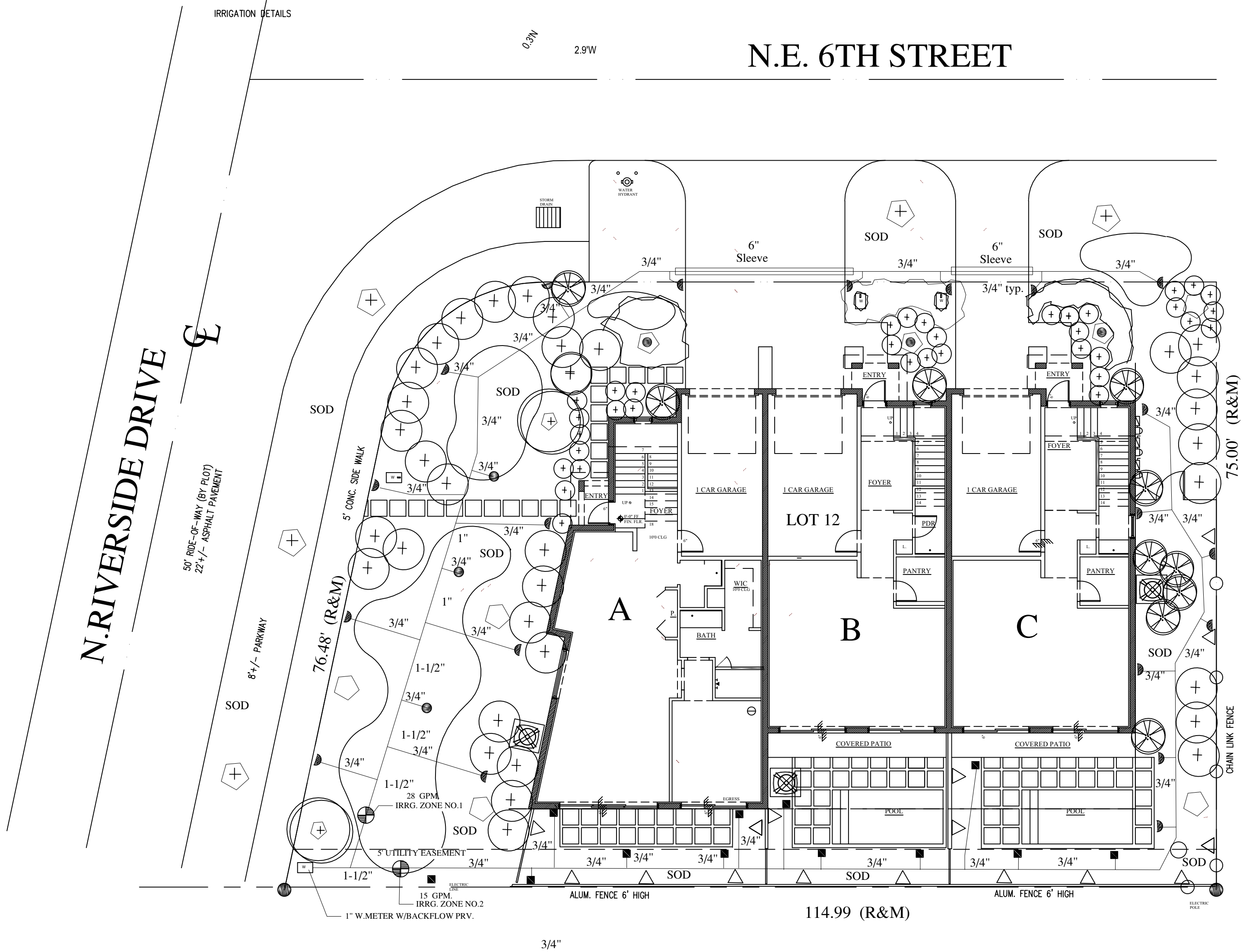
- ANY PAVEMENT CUT, BROKEN, OR UNDERMINED DURING INSTALLATION OF THE IRRIGATION SYSTEM SHALL BE FULLY RESTORED AT THE CONTRACTOR'S EXPENSE.

MATERIALS:

- CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR ANY SYSTEM AND/OR ZONE MODIFICATIONS.
- ALL IRRIGATION HEADS SHALL BE INSTALLED ON SWING JOINTS.
- PIPES SHALL BE A MINIMUM OF 3/4" DIA. AND BE INSTALLED WITH A MIN. OF 24" OF COVER. SYSTEM PIPE SHALL BE CLASS 160 PVC. THE MAIN LINE SHALL BE SCH. 40 PVC TO SIZE INDICATED ON PLAN.
- CONTRACTOR SHALL PROVIDE IRRIGATION SLEEVES AS NOTED. ALL SLEEVING SHALL BE SCH 40 PVC AT SIZE INDICATED ON PLAN.
- CONTROL WIRE SHALL BE UL APPROVED PE 14 GAGE IRRIGATION CONTROL WIRE AND 12 GAGE GROUND WIRE. WIRE SHALL BE BUNDLED AND ATTACHED TO THE MAIN LINE IN TRENCH OR THROUGH WIRE SLEEVES AT PAVEMENT CROSSINGS 24" BELOW FIN. GRADE. ALL SPLICES BE MADE WITH WATERPROOF DIRECT-BURIAL SPLICE KITS AND CONTAINED IN VALVE BOXES. TWO EXTRA CONTROL WIRES SHALL BE INSTALLED TO THE FURTHEST VALVES IN EACH DIRECTION FROM THE CONTROLLER.
- ALL GLUE JOINTS SHALL BE CLEANED, SANDED, AND TREATED WITH A COLORED HIGH ETCH PRIMER AND JOINED USING A SOLVENT CONFORMING WITH ASTM D2564.
- ALL LINES SHALL BE PRESSURE TESTED PRIOR TO ACCEPTANCE AND SHALL MAINTAIN PRESSURE OF 100 PSI FOR ONE (1) HOUR WITH NO LEAKAGE.
- THE IRRIGATION SYSTEM SHALL PROVIDE 100% CPVERAGE AND 60% OVERLAP FOR ALL LANDSCAPE AREAS ON SITE.
- THE CONTRACTOR SHALL GUARANTEE THE SYSTEM FOR NO LESS THEN ONE (1) YEAR.

SITE CLEAN UP:

- THE CONTRACTOR SHALL KEEP THE CONSTRUCTION SITE CLEAN OF ALL SURPLUS MATERIALS, WASTE, TOOLS, STRUCTURES, RUBBISH, EXCESSIVE EARTH, AND OTHER WASTE GENERATED BY HIM. HE SHALL FULLY AND COMPLETELY RESTORE THE SITE TO ITS ORIGINAL CONDITION.



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