

**INSTALLATION NOTES**

- COORDINATE IRRIGATION INSTALLATION WITH PLANTING PLAN AND SITE CONDITIONS TO PROVIDE COMPLETE COVERAGE WITH MINIMUM OVERSPRAY. THE IRRIGATION CONTRACTOR SHALL MAKE MINOR ADJUSTMENTS TO ENSURE PROPER COVERAGE AT NO ADDITIONAL COST TO THE OWNER.
- CONFIRM STATIC WATER PRESSURE OF 60 PSI AT LEAST 7 DAYS BEFORE BEGINNING WORK. IF STATIC WATER PRESSURE IS LESS THAN STATED ABOVE, DO NOT PROCEED UNTIL DIRECTED SO BY THE LANDSCAPE ARCH.
- THE IRRIGATION CONTRACTOR WILL SECURE ALL REQUIRED PERMITS AND PAY ALL ASSOCIATED FEES UNLESS OTHERWISE NOTED. ALL LOCAL CODES SHALL PREVAIL OVER ANY DISCREPANCIES HEREIN.
- LATERAL PIPE SHALL BE INSTALLED AT A MINIMUM DEPTH OF 12 INCHES. MAINLINE PIPE AND WIRES SHALL BE INSTALLED AT A MINIMUM DEPTH OF 16 INCHES.
- UNSLEEVED PIPES MAY BE SHOWN UNDER PAVEMENT FOR GRAPHIC CLARITY ONLY. INSTALL THESE PIPES IN ADJACENT LANDSCAPED AREAS.
- ALL VALVE WIRE CONNECTIONS MUST BE SPLICED WITH A TAN COLORED KING ONE STEP CONNECTOR. ALL VALVE BOX SPLICES ARE TO BE HOUSED IN A LARGE RECTANGULAR ARMOR VALVE BOX.
- 24 VOLT VALVE WIRE SHALL BE A MINIMUM OF #14 GAUGE, U.F. APPROVED FOR DIRECT BURIAL, SINGLE CONDUCTOR "IRRIGATION WIRE". ALL FIELD WIRE SPLICES SHALL BE ENCASED IN A DBY CONNECTOR. ALL FIELD SPLICES SHALL BE LOCATED IN A ROUND ARMOR VALVE BOX OF SUFFICIENT SIZE TO ALLOW INSPECTION.
- VALVE BOXES SHALL BE INSTALLED FLUSH WITH GRADE, SUPPORTED BY BRICKS IF NEEDED, WITH 3-4 INCHES OF CLEAN PEA GRAVEL LOCATED BELOW THE VALVE. USE ARMOR 12" RECTANGULAR VALVE BOXES FOR ELECTRIC VALVES AND QUICK COUPLING VALVES UNLESS NOTED OTHERWISE.
- USE LASCO SWING JOINTS FOR ALL QUICK COUPLER CONNECTIONS.
- ALL SPRAY HEADS SHALL BE CONNECTED WITH A 6" X 1/2" POLYETHYLENE GREEN NIPPLE. ALL ROTOR HEADS SHALL BE CONNECTED WITH A 6" X 3/4" POLYETHYLENE GREEN NIPPLE.
- PROVIDE THREE BUCKNER V075 QUICK COUPLER KEYS WITH HOSE-END SWIVELS.
- CONTRACTOR IS TO CONTACT APPROPRIATE AUTHORITIES AND LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION.
- SUBSURFACE DRIP IRRIGATION FOR ALL SHRUBS SHALL INCLUDE NETAFIM TECHLINE, #TLCV4-1210, GRID TRUNK LINES SHALL BE RIGID CLASS 200 PVC PIPE, BURIED TO A DEPTH OF 10". DRIPPER LINES SHALL BE INSTALLED IN CENTER FED GRIDS, IN ROWS SPACED 12" APART, AT GRADE. MANUAL FLUSH VALVE, NETAFIM #TISOV SHALL BE INSTALLED AT FARTHEST POINTS FROM ZONE VALVE. MAXIMUM SINGLE DRIP TUBE RUN SHALL NOT EXCEED 150 LINEAR FEET. USE NETAFIM 17 MM BARBED FITTINGS FOR DRIPPER LINE CONNECTIONS. SET VALVE PRESSURE REGULATORS TO MAX. 30 PSI. TECHLINE CV SHALL BE INSTALLED PERPENDICULAR TO SLOPE FACE. INSTALL TLCV IN-LINE CHECK VALVES FOR EVERY 4.5 FEET OF DRIP LINE ELEVATION CHANGE WITHIN THE ZONE. NETAFIM STAPLES (#TSS6) SHALL BE INSTALLED EVERY 4 LINEAR FEET OF DRIP TUBE. THE CONTRACTOR SHALL CONTACT NETAFIM REPRESENTATIVE MR. DAVID HAMMOND 888.638.2346, AND SCHEDULE PRE-CONSTRUCTION TRAINING ON CORRECT INSTALLATION PROCEDURES FOR SUB-SURFACE DRIP EQUIPMENT.

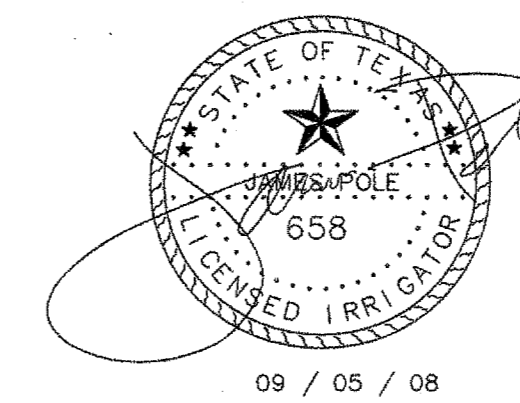
**\* L.I.C. IS TO VISIT SITE PRIOR TO CONSTRUCTION TO BECOME FAMILIAR WITH THE EXISTING SITE CONDITIONS.**

**LEGEND**

- RAINBIRD #1804-PRS POP UP SPRAY HEAD WITH HUNTER PCN-25 PRESSURE COMPENSATING BUBBLER NOZZLE.
- ⊗ RAINBIRD #1804-PRS POP UP SPRAY HEAD WITH HUNTER PCN-50 PRESSURE COMPENSATING BUBBLER NOZZLE.
- RAINBIRD #1804-PRS POP UP SPRAY HEAD WITH RAINBIRD NOZZLES
- HUNTER I-20 4" POP UP ROTARY HEAD, PART CIRCLE, #4 NOZZLE
- HUNTER I-20 4" POP UP ROTARY HEAD, FULL CIRCLE, #8 NOZZLE
- ▨ NETAFIM DRIP TUBE INSTALLED AS DETAILED. SEE INSTALLATION NOTE #13.
- ⊕ IRRITROL 200B SERIES ELECTRIC REMOTE CONTROL VALVE, WITH SPEARS BALL VALVE
- ⊕ IRRITROL 200B SERIES ELECTRIC REMOTE CONTROL VALVE, WITH SPEARS BALL VALVE, FOR DRIP ZONES. NETAFIM TECHFILTER #TF075412-100CV SERIES
- ⊕ SEE INSTALLATION NOTE #13 REGARDING SUBSURFACE IRRIGATION LAYOUT
- ⊕ IRRITROL 200B SERIES ELECTRIC REMOTE CONTROL "TREE BUBBLER" VALVE, WITH SPEARS BALL VALVE
- 2" IRRITROL 200 B SERIES MASTER VALVE INSTALLED WITH BLUE WIRE FOR STATION WIRING, AND 2" DATA INDUSTRIAL FLOW METER INSTALLED WITH RAIN MASTER EV-CAB-SEN FLOW METER CABLE, INSTALLED IN 3/4" GRAY PVC CONDUIT WITH 6" OR LARGER J-BOXES PLACED EVERY 200 FEET OR WHERE 360 DEGREES OF FITTING ARE INSTALLED; ONLY SWEEP FITTINGS ARE PERMITTED. INSTALL WITHOUT SPLICES.
- ▲ BUCKNER V075 3/4" SINGLE LUG QUICK COUPLING VALVE WITH METAL TOP
- N— SPEARS BALL VALVE WITH POSITIVE T-HANDLE, SAME SIZE AS PIPE
- N— WATTS 007 M SERIES D.C.A. INSTALLED PER CITY CODE, SIZE NOTED ON PLAN
- 1 1/2" IRRIGATION WATER METER AND TAP
- CLASS 200 BELLED PVC MAINLINE PIPE
- CLASS 200 BELLED (EXCEPT 1/2 INCH #315) PVC LATERAL PIPE
- 4" CLASS 200 SLEEVE PIPES, BELLED END, UNLESS NOTED OTHERWISE

L.I.C. SHALL SELECT MPR SERIES SPRAY NOZZLES FOR "HEAD-TO-HEAD" COVERAGE, ADJUSTED FOR MINIMUM OVERSPRAY ONTO WALLS AND WALKS. NO OVERSPRAY INTO STREETS IS PERMITTED.

**L.I.C. SHALL REFER TO THE TOWN OF ADDISON IRRIGATION SPECIFICATIONS, REVISED 01 / 07 / 08 FOR ALL INSTALLATION REQUIREMENTS.**



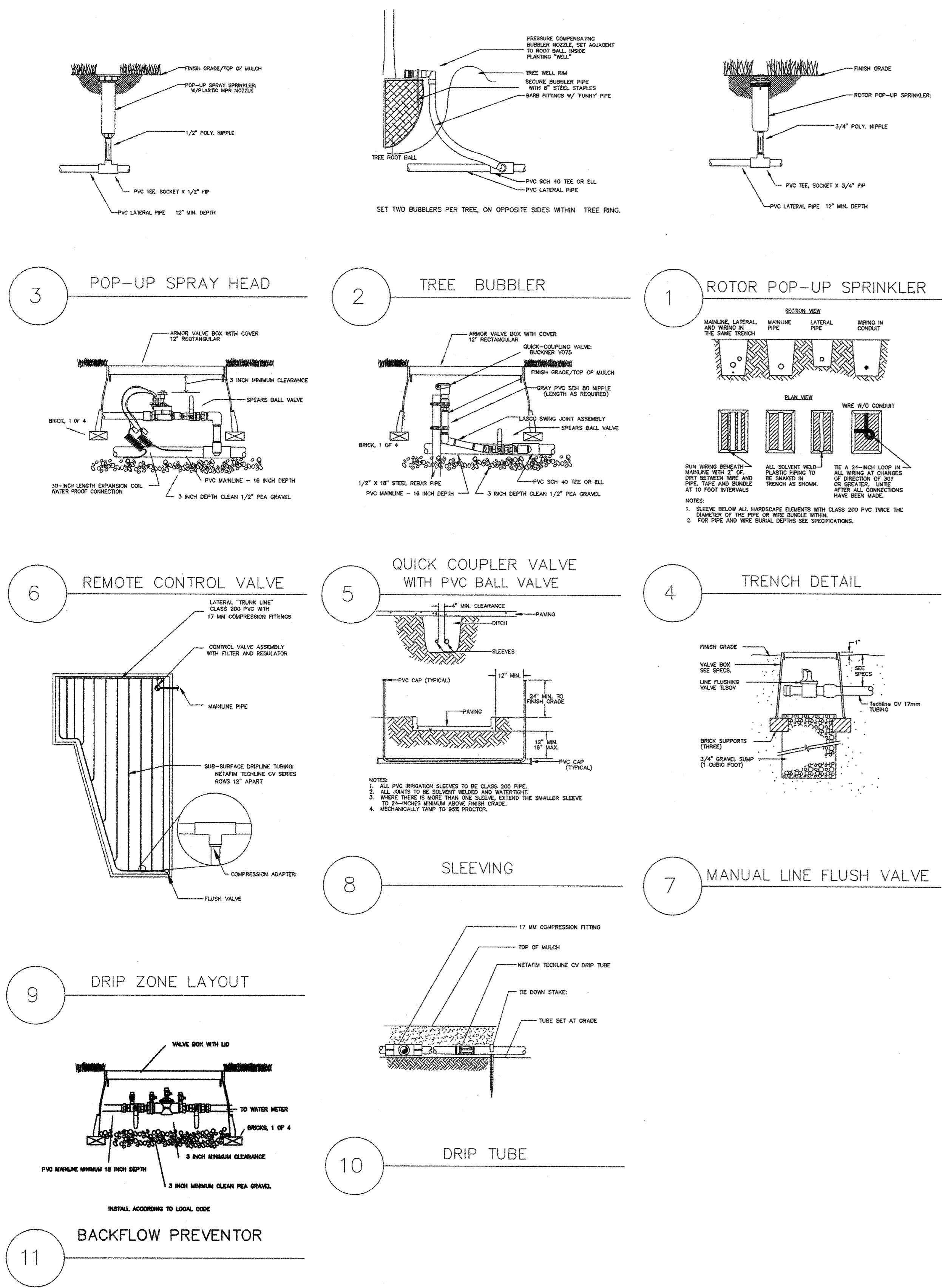
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Sheet Title:  
**DETAILS**

**L5.06**

Sheet No.:



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