



**NOTES:**

1. SOLID PIPING AND FITTINGS SHALL BE PVC SCHEDULE 40 UNLESS NOTED OTHERWISE. PIPING DIAMETERS AND ELEVATIONS SHALL BE AS SHOWN ON THE APPROVED PLANS. ALL SOLID PIPE FITTING AND JOINTS SHALL BE SOLVENT WELDED OR HAVE MECHANICAL COUPLER TO PROVIDE WATERTIGHT CONNECTIONS.
2. THE KNIFE GATE VALVE SHALL BE BALTERRA GKV PVC SCHEDULE 40 WITH 304 STAINLESS STEEL PADDLE AND METAL HANDLE OR APPROVED EQUAL. THE VALVE DIAMETER SHALL MATCH THE DIAMETER OF THE UNDER-DRAIN PIPING UNLESS NOTED OTHERWISE.
3. VALVE BOX COVER ASSEMBLY INCLUDES A PVC CLEAN-OUT ADAPTOR WITH THREADED PLUG TO ACCESS VALVE HANDLE AND TRACE WIRES FROM GRADE.
4. THE UTILITY TRACE WIRE SHALL BE INSULATED 12 GAUGE COPPER INSTALLED ALONG ALL PIPE RUNS. PROVIDE ACCESS TO WIRES INSIDE OF THE VALVE BOX.
5. THE VALVE SHALL BE INSTALLED IN THE FULL OPEN POSITION. THE CITY WILL OBSERVE THE TEMPORARY POOL FOLLOWING A RAIN EVENT AND WILL ADJUST THE VALVE AS NEEDED TO ACHIEVE THE OPTIMUM DRAIN DOWN TIME OF APPROXIMATELY 12 HOURS. FURTHER VALVE ADJUSTMENT SHOULD NOT BE NEEDED UNLESS PLANTS SHOW SIGNS OF STRESS.



UNDER-DRAIN VALVE  
AND VALVE BOX

PLATE NO. LV-STM-28

DATE 5/5/14