

**IRRIGATION LEGEND**

SYM.	MODEL NO.	DESCRIPTION	PSI	RAD	GPM	PATTERN
⊙	RANBIRD 1806-841-1401	POP-UP BUBBLER	30	2'	0.25	FULL CIRCLE
▽	RANBIRD 1425-360-1032	XERI-BUBBLER	30	6"	0.4	FULL CIRCLE
○	RANBIRD XPD-06-18	DRIFLINE	30	18"	0.6	GPH DRIP
□		SPACE AT 18" OC WITH STAPLE EVERY 4" AND (2) STAPLES AT EVERY TEE, ELBOW OR CROSS. USE (1) LINE FLUSHING VALVE FOR EVERY 8 GPM OF ZONE FLOW - POSITION NEAR HALFWAY POINT				
⊙	RANBIRD XCC-100-PRF	1" DRIP ZONE VALVE KIT				
⊙	RANBIRD 1800-PSA	1" CONTROL VALVE				
⊙	RANBIRD 33-DL-RC	QUICK COUPLER UNLOCKING COVER				
⊙	NIBCO T-13	BRONZE GATE VALVE - LINE SIZE				
⊙	FEBCO 825	1" REDUCED PRESSURE BACKFLOW PREVENTER				
⊙	RANBIRD ESP-8HT4	AUTOMATIC ET BASED CONTROLLER w/RAIN SHUT-OFF				
⊙	RANBIRD ESP-8T3	CONTROLLER EXPANSION MODULE				
---		PRESSURE MAINLINE: 1/2"-1 1/2" USE PVC SCHEDULE 40 2" OR LARGER USE PVC CLASS 200 SOLVENT WELD BURY MIN 12" BELOW GRADE. SIZE NOTED ON PLAN				
---		NON-PRESSURE LATERAL: PVC CLASS 200 SOLVENT WELD BURY MIN 12" BELOW GRADE. SIZE NOTED ON PLAN				
---		DRIP SUPPLY LATERAL LINE BURY MIN 12" BELOW GRADE				

**IRRIGATION NOTES**

- 120 VOLT ELECTRICAL POWER OUTLETS FOR CONTROLLERS TO BE PROVIDED BY OTHERS. CONTRACTOR TO BE RESPONSIBLE FOR MAKING HOOK-UP FROM OUTLETS TO CONTROLLERS.
- ALL WIRE FROM CONTROLLERS TO ELECTRIC VALVES TO BE COPPER 1/2-1/4 DIRECT BURIAL. USE BLACK FOR PILOT AND WHITE FOR COMMON. INSTALL IN COMMON TRENCH WITH MAIN LINE WHERE POSSIBLE. PROVIDE MIN. OF 18" COVER.
- PROVIDE MIN. 18" COVER OVER ALL MAIN LINE PIPING AND 12" COVER OVER ALL LATERAL LINE PIPING.
- ALL PIPE UNDER PAVED AREAS TO BE PVC SCH. 40. INSTALL PRIOR TO PAVING.
- THIS DESIGN IS DIAGNOSTIC. EQUIPMENT SHOWN IN PAVED AREAS IS FOR DESIGN CLARIFICATION ONLY AND IS TO BE INSTALLED WITHIN THE NEAREST PLANTED AREA WHERE POSSIBLE.
- CONTRACTOR SHALL FLUSH ALL LINES AND ADJUST ALL HEADS FOR BEST PERFORMANCE AND TO PREVENT OVERSPRAY ONTO WALKS, DRIVES AND BUILDINGS AS MUCH AS POSSIBLE. THIS SHALL INCLUDE THE SELECTION OF THE BEST DEGREE OF ARC TO FIT EXISTING SITE CONDITIONS.
- INSTALL ALL EQUIPMENT AS SHOWN IN DETAILS.
- SYSTEM DESIGN IS BASED ON PRESSURES AND GALLONAGES INDICATED AT POINTS OF CONNECTION.
- DO NOT WILLFULLY INSTALL THE SYSTEM AS DESIGNED WHEN IT IS OBVIOUS IN THE FIELD THAT UNKNOWN OBSTRUCTIONS OR GRADE DIFFERENCES EXIST THAT WERE NOT KNOWN DURING DESIGN. SUCH CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S AUTHORIZED REPRESENTATIVE, OTHERWISE THE IRRIGATION CONTRACTOR MUST ASSUME FULL RESPONSIBILITY FOR ANY AND ALL NECESSARY REVISIONS.
- FINAL LOCATION OF AUTOMATIC CONTROLLER TO BE DETERMINED BY OWNER'S AUTHORIZED REPRESENTATIVE AND/OR LANDSCAPE ARCHITECT.
- THE SYSTEM SHALL BE FULLY GUARANTEED FOR A PERIOD OF ONE YEAR. ANY DEFECTIVE MATERIAL OR POOR WORKMANSHIP SHALL BE REPLACED OR CORRECTED BY THE IRRIGATION CONTRACTOR AT NO COST TO THE OWNER.
- CONTRACTOR TO BE RESPONSIBLE FOR RECENT CONTROL OF DRIP SYSTEM DURING INSTALLATION AND MAINTENANCE PERIOD.
- CONTRACTOR IS TO ADJUST IRRIGATION TO WHERE LIGHTING FIXTURES AND OTHER UTILITIES OCCURRED IN FIELD.

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**SSA**  
 STAN SMITH ASSOCIATES

Sheet Title  
**IRRIGATION PLAN**  
 Original Drawings scale: 1/8" = 1'-0"

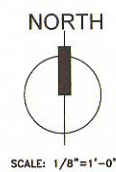
VILLAGE ON THE PARKWAY  
 5100 BELT LINE RD  
 ADDISON, TX 7524



Issue Date:

Revisions  
 1 DEC 2014 Plan Check Re-Submit  
 1 DEC 2014 Bid Set

Approved for Construction  
*[Signature]*  
 Town of Addison Parks Dept.  
 12.17.14



Scale: 1/8"=1'-0"  
 Drawn By: NS  
 Checked By: SSA  
 Sheet Number:  
**L-1**

