



IRRIGATION LEGEND

SYMBOL	COMPONENT	MANUFACTURER	MODEL	NOTES/ SIZE/ COLOR
	CONTROLLER	HUNTER	PRO-C	EXTERIOR
	WEATHER SENSOR	HUNTER	SOLAR-SYNC SEN	WIRED
	FULL PORT BALL VALVE	NIBCO	585	LINE SIZE
	SLEEVE		PVC SCH 40	6"
	LATERAL PIPE		PVC SCH 40 WITH SCH 40 SOLVENT WELD FITTINGS	PIPE SIZE: 0-6 GPM: 3/4" PIPE; 7-12 BPM: 1" PIPE
DRIP IRRIGATION CONTROL VALVE ASSEMBLY TO INCLUDE:				
	ASSEMBLY		ACZ-075-40 DRIP CONTROL KIT	ALL-IN-ONE KIT INCLUDES BACKFLOW PREVENTION, FILTER AND PRESSURE REGULATOR.
	ANTI-SIPHON VALVE ① ②	HUNTER	PGV-ASV INCLUDED IN KIT	3/4 INCH ANTI-SIPHON VALVE PROVIDES BACKFLOW PREVENTION
	DRIP FILTER		INCLUDED IN KIT	150 MESH STAINLESS STEEL SCREEN
	PRESSURE REGULATION		INCLUDED IN KIT	40 PSI
	NIPPLE			PVC SCH 80 UV RESISTANT
	TRANSITION TO DRIP ZONE			SEE DETAIL
DRIP LAYOUT				
	GRID LAYOUT			
	CIRCULAR GRID LAYOUT			
	TREES			
	ECO-WRAP	HUNTER	ECO-WRAP SUB SURFACE IRRIGATION	EMITTER FLOW: 0.6 GPH; EMITTER SPACING: 12"
			* TLCV26-1801	CLAY SOIL: EMITTER FLOW: 0.26 GPH; EMITTER SPACING: 18"; ROW SPACING: 18"
	INLINE EMITTER TUBING	NETAFIM	TLCV40-1801	LOAM SOIL: EMITTER FLOW: 0.4 GPH; EMITTER SPACING: 18"; ROW SPACING: 18"
			TLCV60-1201	SANDY SOIL: EMITTER FLOW: 0.6 GPH; EMITTER SPACING: 12"; ROW SPACING: 18"
	DRIP FLUSHOUT	NETAFIM	TLFIG8	
SYMBOLS FOR COMPONENTS ARE LARGER THAN ACTUAL SIZE AND MAY BE SHOWN IN PAVED AREAS FOR GRAPHIC CLARITY.				
COORDINATE LOCATION OF EQUIPMENT WITH PLUMBER ALL PIPE RUNS UNDER PAVING ARE IN SLEEVES. INSTALL SLEEVES PRIOR TO POURING CONCRETE				

* USED ON DEMONSTRATION GARDEN - FOR RESIDENTIAL USE SELECT SOIL TYPE THAT BEST FITS YOUR CONDITIONS.

HYDROZONE MAP

ZONE	WATER USE	IRRIGATED AREA
1	LOW	1,702 SF
2	LOW	1,236 SF
3	LOW	675 SF
TOTAL		3,613 SF

BY USING THESE PLANS, I AGREE TO DEFEND, INDEMNIFY AND HOLD HARMLESS THE SONOMA MARIN SAVING WATER PARTNERSHIP, ITS MEMBERS SONOMA COUNTY WATER AGENCY, CITY OF SANTA ROSA, MARIN MUNICIPAL WATER DISTRICT, NORTH BAY AREA WATER DISTRICT, CITY OF REDWOOD PARK, CITY OF PETALUMA, CITY OF COTATI, CITY OF SONOMA, VALLEY OF THE MOON WATER DISTRICT AND TOWNS OF WOODSON AND THEIR DIRECTORS, OFFICERS, AGENTS, EMPLOYEES AND LANDSCAPE DESIGN CONSULTANTS AGAINST ANY AND ALL LOSS, LIABILITY, EXPENSE, CLAIMS, SUITS AND DAMAGES, INCLUDING ATTORNEY'S FEES, ARISING OUT OF OR RESULTING FROM THE USE OF THIS LANDSCAPE PLAN. I UNDERSTAND THAT IT IS MY RESPONSIBILITY AS THE PROJECT OWNER TO ENSURE THAT PLAN ELEMENTS ARE IMPLEMENTED SAFELY AND ACCORDING TO APPLICABLE STATUTES, RULES, REGULATIONS, ORDINANCES AND/OR CODES. SONOMA MARIN SAVING WATER PARTNERSHIP, ITS MEMBERS AND LANDSCAPE DESIGN CONSULTANTS MAKE NO REPRESENTATIONS AND GRANT NO WARRANTIES, EXPRESS OR IMPLIED, EITHER IN FACT OR BY OPERATION OF LAW, BY STATUTE OR OTHERWISE. AND SONOMA MARIN SAVING WATER PARTNERSHIP, ITS MEMBERS AND DESIGN CONSULTANTS EACH SPECIFICALLY DISCLAIMS ANY OTHER WARRANTIES, WHETHER WRITTEN OR ORAL, OR EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF QUALITY, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE OR ANY WARRANTY AS TO THE VALIDITY OF ANY PATENTS OR THE NON-INFRINGEMENT OF ANY INTELLECTUAL PROPERTY RIGHTS OF THIRD PARTIES.



SANTA ROSA JUNIOR COLLEGE
DEMONSTRATION GARDEN PROJECT
705 ELLIOTT AVE. FRONT
SANTA ROSA, CA



IRRIGATION
PLAN
THEME:
EXTREMES
OF
DROUGHT
TOLERANCE

DATE
JUNE, 2018

E-3.0

SHEET 3
OF 3

