

OPTIONAL MATERIALS LEGEND

	UNITS	PLAN QUANTITY	PERMIT QUANTITY (FILL IN)
VEHICULAR PAVING			
VEHICULAR DRAINAGE STRIPS IN DRIVEWAY SEE DETAILS 8 & 9 ON SHEET L3.0	LF	42	
CONCRETE	SF	380	
PEDESTRIAN PAVING			
CONCRETE (POURED IN PLACE)	SF	368	
AGGREGATE PATH CHOOSE FROM DETAILS #1-5 ON L3.0	SF	42	
MULCH SEE DETAIL 5 ON SHEET L3.2	SF		
STORM WATER ELEMENTS (OPTIONAL)			
STORM DRAINAGE ACROSS/UNDER PATH, SEE DETAIL 6 ON SHEET L3.1	EA	1	

*SEE SHEETS L3.0-3.2 FOR MATERIALS OPTIONS

PLANTING LEGEND

AREA	BOTANICAL NAME	SIZE	SPACING	PLAN QUANTITY	PERMIT QUANTITY (FILL IN)
PLANTING LOW WATER USE					
	LARGE TREE 50-80' SINKGO QUERCUS SUBER (CORK OAK)	15G	30-60' O.C.	1	
	MEDIUM TREE 30-50' PISTACIA CHINENSIS (PISTACHE)	15G	20-40' O.C.	3	
	LARGE SHRUB 6-18' SAMBUCUS NIGRA	5G	10-20' O.C.	3	
GRASS					
	FESTUCA 'SISKIYOU BLUE'	4"	2' O.C.	33	
PERENNIALS 0-1' SUN					
	ERIOPHYLLUM LANATUM 'SISKIYOU'	4" OR 1G	4' O.C.	19	
	LESSINGIA FILAGINIFOLIA 'SILVER CARPET'	1G	6' O.C.	10	
PERENNIALS 2-4' SUN					
	ANIGOZANTHOS (KANGAROO PAW)	1G	2' O.C.	23	
	HELIANTHEMUM 'BEN NEVIS'	4"	3' O.C.	31	
	PHORMIUM 'CHOCOLATE BABY'	1G	2' O.C.	8	
	SEDUM SPECTABILE	4"	3' O.C.	11	
SHRUBS 1-3' SUN					
	ARCTOSTAPHYLOS 'JOHN DOURLEY' (MANZANITA)	1G	4-6' O.C.	8	
SHRUBS 3-6' SUN					
	RIBES MALVACEUM 'DANCING TASSELS'	1G	6' O.C.	3	
VINE PLANTING					
	VITIS CALIFORNICA 'ROGERS RED'	1G		1	
PLANTING MED WATER USE					
PARK STRIP (OPTIONAL)					
	NO MOW FESCUE		SOD OR 2" OR 4" PLUGS - 16" O.C.	257 SF	

*SEE MASTER PLANT LIST FOR PLANT SUBSTITUTIONS AND SHADE ALTERNATES, AVAILABLE FROM SONOMA-MARIN SAVING WATER PARTNERSHIP <http://www.savingwaterpartnership.org>.

PLANTING NOTES:
 1. REFER TO PLANTING DETAILS ON SHEET L3.2.

- APPLICANT INSTRUCTIONS:**
- MEASURE ENTIRE FRONT YARD AREA. SUBTRACT HARDSCAPE AREAS TO GET THE TOTAL SQUARE FEET OF PLANTED AND IRRIGATED AREA. ENTER THIS NUMBER IN THE PLANT WATER USE TABLE ON THIS SHEET.
 - IF NEEDED USE A RED PEN TO ADJUST THE LAYOUT OF DRIVEWAY, PATHS AND PLANTING AREAS TO FIT YOUR YARD.
 - ADJUST ORIENTATION OF NORTH ARROW TO SITE CONDITION.
 - ADD ANY EXISTING TREES IN RED ON THE PLAN. ADJUST TREE LOCATIONS IF NEEDED TO FIT YOUR SITE.
 - FILL IN PLANT WATER USE TABLE.
 - INSURE LESS THAN 25% OF PLANTED AREA IS MEDIUM WATER USE PLANTINGS.
 - IN THE LEGEND, CIRCLE THE HARDSCAPE MATERIALS YOU WILL BE USING AND ON DETAIL SHEETS L3.0, L3.1 & L3.2.
 - INDICATE ANY SUBSTITUTIONS TO THE PLANTINGS BY CROSSING OUT THE LISTED PLANTS AND WRITING THE SUBSTITUTION BELOW IN RED INK. MAKE SURE THE PLANTS USED HAVE MATCHING WATER USE AND ARE ROUGHLY THE SAME SIZE (SEE SONOMA-MARIN SAVING WATER PARTNERSHIP <http://www.savingwaterpartnership.org> FOR SUBSTITUTIONS).
 - MOVE TO THE IRRIGATION PLAN AND FILL IN THE AREAS INDICATED ON THAT SHEET.
- NOTE:**
- PLANTING DESIGN FOR FULL COVER WITHIN 3 YEARS.
 - THE GARDEN IS DESIGNED TO CAPTURE AND INFILTRATE SOME STORM WATER ON SITE. WHEN THE FLOW IS DIRECTED TO A SWALE OR RAIN GARDEN, IT NEEDS AN OVERFLOW OUTLET THAT WON'T ERODE. OPTIONS ARE PROVIDED ON THE DETAIL SHEETS. SPLASHBLOCKS AND OUTLETS IN PLANTING BEDS ARE MEANT TO SPREAD THE FLOW TO SHEETFLOW OVER PLANTING AREAS AND NO OVERFLOW DEVICE IS NEEDED.
 - REVIEW IRRIGATION SHEETS AND INSTALL SLEEVES UNDER PAVING SURFACES IN THEIR CORRECT LOCATION.

PLANT WATER USE TABLE

WATER USE	PLAN SF (%)	PERMIT SF (FILL IN)	PERMIT % (FILL IN)
LOW	1,908 (89%)		
MED	244 (11%)		
TOTAL	2,152 (100%)		

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 SONOMA, SONOMA-SAVING WATER PARTNERSHIP, CITY OF SONOMA, CITY OF PETALUMA, CITY OF GAITHERSBURG, CITY OF SONOMA, VALLEY OF THE MOON WATER DISTRICT AND TOWN OF WOODBURN) AND THEIR DIRECTORS, OFFICERS, AGENTS, EMPLOYEES AND LICENSEE DESIGN CONSULTANTS AGAINST ANY AND ALL LOSS, LIABILITY, EXPENSE, CLAIMS, SUITS AND DAMAGES, INCLUDING ATTORNEY'S FEES, ARISING FROM OR RESULTING FROM THE USE OF THESE PLANS. I UNDERSTAND THAT IT IS MY RESPONSIBILITY AS THE PROJECT OWNER TO ENSURE THAT ALL APPLICABLE STATE, FEDERAL, LOCAL AND COUNTY REGULATIONS, ORDINANCES AND CODES ARE FOLLOWED.

SONOMA-MARIN SAVING WATER PARTNERSHIP (ITS MEMBERS AND LICENSEE DESIGN CONSULTANTS) MAKE NO REPRESENTATION AND GRANT NO WARRANTIES, EXPRESS OR IMPLIED, EITHER IN FACT OR BY OPERATION OF LAW, BY STATE OR FEDERAL, AND SONOMA-MARIN SAVING WATER PARTNERSHIP, CITY OF SONOMA, CITY OF PETALUMA, CITY OF GAITHERSBURG, CITY OF SONOMA, VALLEY OF THE MOON WATER DISTRICT AND TOWN OF WOODBURN AND THEIR DIRECTORS, OFFICERS, AGENTS, EMPLOYEES AND LICENSEE DESIGN CONSULTANTS MAKE NO REPRESENTATION AND GRANT NO WARRANTIES, 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 PATENT OR OTHER INTELLECTUAL PROPERTY RIGHTS OF THIRD PARTIES.

ABLA
 ANN BAKER LANDSCAPE ARCHITECTURE
 625 2ND ST., STE 110
 PETALUMA, CA 94952
 TEL.: (707) 772-5062
 EMAIL: landarches@gmail.com

daily acts
 because every choice matters

ForeSite
 digital mapping solutions

Equinox
 LANDSCAPE

SHERWOOD
 DESIGN ENGINEERS

P D G
 PANORAMIC DESIGN GROUP
 LANDSCAPE ARCHITECTURE

RESIDENTIAL LANDSCAPE DESIGN TEMPLATE
 SONOMA-MARIN SAVING WATER PARTNERSHIP
www.savingwaterpartnership.org

NAME: _____
 SITE ADDRESS: _____

SONOMA-MARIN SAVING WATER PARTNERSHIP

SHEET TITLE:
 LAYOUT & PLANTING PLAN
 CONTEMPORARY B

DATE:
 PERMIT PLAN
 JANUARY 17, 2019

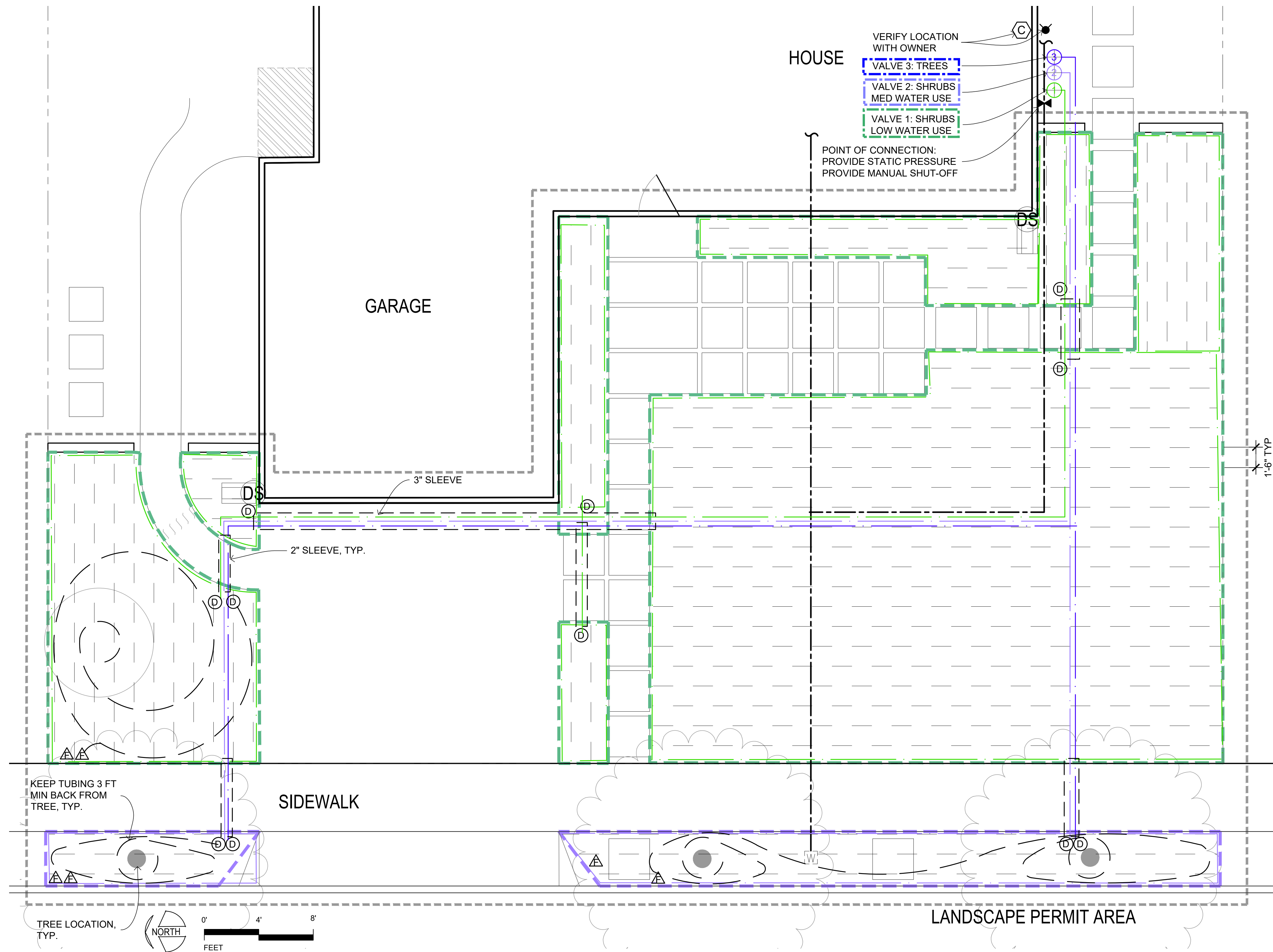
L-1.0

SHEET OF

IRRIGATION LEGEND					
APPLICANT CHECK-OFF COMPONENTS	SYMBOL	COMPONENT	MANUFAC - TURER	MODEL	NOTES / SIZE / COLOR
		EXISTING WATER METER			
		CONTROLLER	HUNTER	PRO-C	INDOOR
		WEATHER SENSOR	HUNTER	SOLAR-SYNC -SEN	WIRED
		FULL PORT BALL VALVE	NIBCO	585	LINE SIZE
		SLEEVE			
		MAINLINE			
		LATERAL PIPE (COLOR VARIES PER ZONE)			
		DRIP IRRIGATION CONTROL VALVE ASSEMBLY TO INCLUDE:			
		ASSEMBLY		ACZ-075-40 DRIP CONTROL ZONE KIT	ALL-IN-ONE KIT INCLUDES BACKFLOW PREVENTION, FILTER AND PRESSURE REGULATOR
		ANTI-SIPHON VALVE (COLOR VARIES PER ZONE)	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			
		DRIP LAYOUT			
		PLANTING BEDS			
		TREES			NETAFIM TLCV6-1201 EMITTER FLOW 0.6 GPH; EMITTER SPACING: 12".
				TLCV4-1801	CLAY SOIL: EMITTER FLOW: 0.4 GPH; EMITTER SPACING: 18"; ROW SPACING: 18"
				TLCV4-1801	LOAM SOIL: EMITTER FLOW: 0.4 GPH; EMITTER SPACING: 18"; ROW SPACING: 18"
				TLCV6-1201	SANDY SOIL: EMITTER FLOW: 0.6 GPH; EMITTER SPACING: 12"; ROW SPACING: 18"
		DRIP FLUSHOUT	NETAFIM	TFIG8	
		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			

APPLICANT INSTRUCTIONS:

- ADJUST LAYOUT OF PLANTING BEDS IF CHANGED ON LAYOUT SHEET 1.0.
- REVIEW IRRIGATION VALVE TABLE TO ADJUST SF AREAS OF VALVE ZONES.
- IF AREAS EXCEED MAX SUBZONE FLOW (3 GPM) DIVIDE INTO ADDITIONAL SUBZONES AND ENTER UNDER SUBZONE COLUMN
- IF AREAS EXCEED MAX ZONE FLOW (7 GPM) ADD A VALVE AND ENTER SF AREA NEXT TO NEW VALVE NUMBER ("B" OR "C")
- DRAW OUT NEW SUBZONE AND/OR VALVE ZONE AREA ON PLAN IN NEW COLOR.
- ADD VALVE AS NEEDED TO VALVE MANIFOLD.
- REVIEW IRRIGATION LEGEND AND CHECK OFF THAT ALL COMPONENTS ARE SHOWN ON ADJUSTED PLAN.
- NOTE ANY EQUIPMENT SUBSTITUTIONS.



WATER USE	PLAN SF (%)	PERMIT SF (FILL IN)	PERMIT % (FILL IN)
LOW	1,908 (89%)		
MED	244 (11%)		
TOTAL	2,152 (100%)		

IRRIGATION VALVE TABLE

HYDRO ZONE	WATER USE	VALVE	PLAN SF	SUB - ZONES	PERMIT SF (FILL IN)	SUB - ZONES (FILL IN)	SOIL TYPE (CLAY / LOAM / SAND) (FILL IN)
1	LOW	1	1908 SF	2			
2	MED	2	244 SF	7			
3	TREES	3	203 LF	3			

CLAY SOIL: DO NOT EXCEED 1100 SF / 3 GPM PER SUBZONE. IF TOTAL AREA OF ZONE EXCEEDS 2200 SF, ADD A VALVE.
 LOAM SOIL: DO NOT EXCEED 1100 SF / 3 GPM PER SUBZONE. IF TOTAL AREA OF ZONE EXCEEDS 2200 SF, ADD A VALVE.
 SANDY SOIL: DO NOT EXCEED 500 SF / 3 GPM PER SUBZONE. IF TOTAL AREA OF ZONE EXCEEDS 1000 SF, ADD A VALVE.
 TREE EMITTER TUBING 0.6 GPH PER LEGEND: MIN 20 LF PER VALVE; MAX 200 LF PER SUBZONE; MAX 400 LF PER VALVE FOR EMITTER FLOW, EMITTER SPACING & ROW SPACING PER SOIL TYPE SEE LEGEND

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 COUNTY WATER AGENCY, CITY OF PETALUMA, CITY OF OXFORD, CITY OF SONOMA, VALLEY OF THE SOUVENIR DISTRICT AND TOWN OF WINDSOR) AND THEIR DIRECTORS, OFFICERS, AGENTS, EMPLOYEES AND LANDSCAPE DESIGNERS. I AGREE TO BE RELEASED OUT OF MY OBLIGATION TO DEFEND, INDEMNIFY, AND HOLD HARMLESS THE SONOMA-MARIN SAVING WATER PARTNERSHIP, ITS MEMBERS AND LANDSCAPE DESIGN CONSULTANTS MAKE NO WARRANTY, EITHER IN FACT OR BY OPERATION OF LAW, OF ACCURACY, COMPLETENESS, OR CONSISTENCY OF ANY INFORMATION PROVIDED HEREIN. I UNDERSTAND THAT IF I AM RESPONSIBLE AS THE PROJECT OWNER, I SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES AND REGULATORY AGENCIES. I AGREE TO DEFEND, INDEMNIFY, AND HOLD HARMLESS THE SONOMA-MARIN SAVING WATER PARTNERSHIP, ITS MEMBERS AND LANDSCAPE DESIGN CONSULTANTS FROM AND AGAINST ALL CLAIMS, DAMAGES, LOSSES, AND EXPENSES, INCLUDING REASONABLE ATTORNEY'S FEES, ARISING OUT OF OR FROM THE USE OF THESE PLANS. I UNDERSTAND THAT IF I AM RESPONSIBLE AS THE PROJECT OWNER, I SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES AND REGULATORY AGENCIES. I AGREE TO DEFEND, INDEMNIFY, AND HOLD HARMLESS THE SONOMA-MARIN SAVING WATER PARTNERSHIP, ITS MEMBERS AND LANDSCAPE DESIGN CONSULTANTS FROM AND AGAINST ALL CLAIMS, DAMAGES, LOSSES, AND EXPENSES, INCLUDING REASONABLE ATTORNEY'S FEES, ARISING OUT OF OR FROM THE USE OF THESE PLANS. I UNDERSTAND THAT IF I AM RESPONSIBLE AS THE PROJECT OWNER, I SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES AND REGULATORY AGENCIES.

ABLA
 ANN BAKER LANDSCAPE ARCHITECTURE
 625 2ND ST., STE 110
 PETALUMA, CA 94952
 TEL: (707) 772-5062
 EMAIL: landarches@gmail.com

daily acts
 because every choice matters

ForeSite
 digital mapping solutions

Equinox
 LANDSCAPE

SHERWOOD
 DESIGN ENGINEERS

P D G
 PANORAMIC DESIGN GROUP
 LANDSCAPE ARCHITECTURE

RESIDENTIAL LANDSCAPE DESIGN TEMPLATE
 SONOMA-MARIN SAVING WATER PARTNERSHIP
 www.savingwaterpartnership.org
 NAME: _____
 SITE ADDRESS: _____

SONOMA-MARIN SAVING WATER PARTNERSHIP

SHEET TITLE:
 IRRIGATION PLAN
 CONTEMPORARY B

DATE
 PERMIT PLAN
 JANUARY 17, 2019

L-2.0

SHEET
 OF