WORKER HOUSING
WORKER HOUSING
WORKER HOUSING
WORKER HOUSING
PET PARK
PRIVATE DRIVE
SPORTS COURT
BOCCE COURT
PET PARK
SYNTHETIC TURF
MEMORY CARE COURTYARD
GARDEN BEDS
CARE FACILITY
RAMP
DECKING
FIRE PIT
POND
BRIDGE
FOUNTAIN
AMPHITHEATER
CENTRAL COURTYARD
LAWN
PORTE COCHERE
TRASH
PARKING
DRIVEWAY
STREET 'A' (PRIVATE)
SIDEWALK
WALK
PATIO
COVERED PATIO
STAIRS
D.G.
TP
SSMH RIM 122.40 INV 113.75 INV 113.65
SSMH RIM 122.65 INV 114.18 INV 114.08
SSMH RIM 121.51 INV 112.97
SSMH RIM 122.68 INV 111.92 (OUT)
SSMH RIM 122.55 INV (IN) 112.75 INV 110.15
8"SS-224' S=0.0035
8"SS-225' S=0.0035
6"SS-36' S=0.01 MIN
6"SS-26' S=0.01 MIN
8"SS-45' S=0.0035
8"SS-38' S=0.0035
6"SS-45' S=0.01

"I HAVE COMPLIED WITH THE CRITERIA OF THE WATER-EFFICIENT LANDSCAPE ORDINANCE AND APPLIED THEM FOR THE EFFICIENT USE OF WATER IN THE LANDSCAPE DESIGN PLAN."

JENNIFER
LIMOLI-TRAVERS
9240 OLD REDWOOD HWY, SUITE 200
WINDSOR, CA. 95492
PH: 707-535-3200

LICENSED LANDSCAPE ARCHITECT
JENNIFER E. LIMOLI-TRAVERS
No. 6417
Exp. 08/31/26
STATE OF CALIFORNIA

GALLAHER COMPANIES
COMMUNITY · CONSTRUCTION · FAMILY

PRELIMINARY
PLANTING DESIGN PLAN
THE CUNNINGHAM
OLD REDWOOD HIGHWAY, WINDSOR, CA 95492

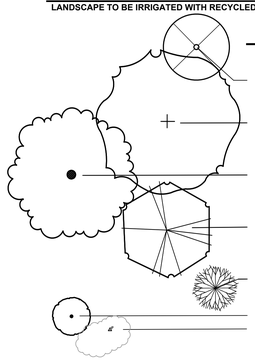
JOB NO:
SCALE:
DRAWN BY:
DATE: MARCH 2025
COPYRIGHT
REVISIONS:

APPROVAL:

SHEET NO:X
L1.2
OF XX

LANDSCAPE LEGEND

LANDSCAPE TO BE IRRIGATED WITH RECYCLED WATER



TREES

TREE TYPE	BOTANICAL NAMES	COMMON NAMES	SIZE	QTY	WUCOLS	APPROX. MATURE SIZE (HXW)
COLUMNAR TREE	FAGUS SYLVATICA 'RED OBELISK' GINKGO BILOBA 'PRINCETON SENTRY'	RED OBELISK BEECH PRINCETON SENTRY GINKGO	24" BOX	24	MODERATE	30' x 10'
SHADE TREE	QUERCUS AGRIFOLIA ULMUS 'FRONTIER'	COAST LIVE OAK FRONTIER OAK	36" BOX	11	LOW	40' x 30'
ACCENT TREE	ARBUTUS MARINA PRUNUS X BLIREANA	MARINA STRAWBERRY TREE FLOWERING PLUM	36" BOX	37	LOW	30' x 24'
FLOWERING TREE	LAGERSTROEMIA INDICA 'NATCHEZ' CERCIS OCCIDENTALIS	CRAPE MYRTLE WESTERN REDBUD	36" BOX	88	LOW	18' x 14'
SHRUB TREE	COTINUS COGGYGRIA HYBRIDS RHAPHIOLEPIS 'MAJESTIC BEAUTY'	SMOKE TREE MAJESTIC INDIAN HAWTHORN	15-GALLON	60	LOW	12' x 12'
FRUIT TREE (MIXED PRUNUS AND OLIVE)			15-GALLON	3	LOW	10' x 6'

EXISTING TREES TO REMAIN - PROTECTED IN PLACE (SEE NOTES BELOW AND TREE LIST ON SHEET 2.4)

FOR EXISTING TREES TO BE REMOVED - SEE TREE PRESERVATION PLAN, SHEET C2 (CIVIL SET)

SHRUBS, PERENNIALS & GRASSES

PLANT TYPE	BOTANICAL NAMES	COMMON NAMES	SIZE	QTY	WUCOLS	APPROX. MATURE SIZE (HXW)
SMALL SHRUBS & PERENNIALS	CISTUS HYBRIDUS 'MICKIE'	MICKIE ROCK ROSE	5 GAL.	627	LOW	3'x3'
(low water use)	CISTUS 'SANTA CRUZ'	SANTA CRUS ROCK ROSE				
	GERANIUM 'ROZANNE'	ROZANNE CRANESBILL				
	NANDINA DOMESTICA 'GULF STREAM'	DWARF HEAVENLY BAMBOO				
	RHAPHIOLEPIS INDICA 'BALLERINA'	BALLERINA INDIAN HAWTHORN				
	WESTRINGIA FRUTICOSA 'MORNING LIGHT'	VARIEGATED COAST ROSEMARY				
SMALL SHRUBS & PERENNIALS	AZALEA HYBRIDS	AZALEAS			MODERATE	
(moderate water use)	CYRTONMIUM FALCATUM	JAPANESE HOLLY FERN				
	HEUCHERA HYBRIDS	CORAL BELLS				
MEDIUM SHRUBS	CALLISTEMON 'LITTLE JOHN'	DWARF BOTTLEBRUSH	5 GAL.	484	LOW	4'x5'
(low water use)	CISTUS CRETICUS	CRETAN ROCKROSE				
	JUNIPERUS X PFITZERIANA 'OLD GOLD'	OLD GOLD CHINESE JUNIPER				
	LIGUSTRUM SINENSE 'SUNSHINE'	SUNSHINE LIGUSTRUM				
	RUSSELIA EQUISETIFORMIS	CORAL PLANT				
	TEUCRIUM FRUTICANS 'AZUREUM'	BUSH GERMANDER				
MEDIUM SHRUBS	ABUTILON HYBRIDS	FLOWERING MAPLE			MODERATE	
(moderate water use)	BUXUS MICROPHYLLA 'JAPONICA'	JAPANESE BOXWOOD				
	HYDRANGEA QUERCIF. 'RUBY SLIPPERS'	DWARF OAKLEAF HYDRANGEA				
	ROSA 'ICEBERG'	WHITE SHRUB ROSE				
	SPIRAEA X BUMALDA	LIMEMOUND SPIRAEA				
LARGE SHRUBS	DODONAEA VISCOSA 'PURPUREA'	PURPLE-LEAFED HOP-BUSH	15 GAL.	95	LOW	6'x6'
(low water use)	GREVILLEA 'PEACHES & CREAM'	PEACHES & CREAM GREVILLEA				
	JUNIPERUS SCOPULORUM 'WICHITA BLUE'	WICHITA BLUE JUNIPER				
	LAGERSTROEMIA 'DWARF RED'	DWARF CRAPE MYRTLE				
	LOROPETALUM CHIN. 'CHANG NIAN HONG'	EVER RED FRINGE FLOWER				
	PRUNUS CAROLINIANA 'COMPACTA'	DWARF CAROLINA LAUREL CHERRY				
	XYLOSMA CONGESTUM	SHINY XYLOSMA				
LARGE SHRUBS	HYDRANGEA QUERCIFOLIA	OAKLEAF HYDRANGEA			MODERATE	
(moderate water use)	VIBURNUM HYBRIDS	VIBURNUM				
GRASS & GRASS-LIKE PLANTS	ANIGOZANTHOS 'BIG RED'	RED KANGAROO PAW	2 GAL.	688	LOW	4'x4'
(low water use)	ANIGOZANTHOS 'TEQUILLA SUNRISE'	TEQUILLA SUNRISE KANGAROO PAW				
	BOUTELOUA GRACILLIS	BLUE GRAMA				
	HESPERALOE PARVIFLORA	RED YUCCA				
	LOMANDRA LONGIFOLIA 'BREEZE'	DWARF MAT RUSH				
	LOMANDRA LONGIF. 'PLATINUM BEAUTY'	VARIEGATED DWARF MAT RUSH				
	MUHLENBERGIA CAPILLARIS	PINK MUHLEY GRASS				
	PENNISETUM ALOPECUROIDES 'HAMELN'	DWARF FOUNTAIN GRASS				
	PHORMIUM TENAX 'DARK DELIGHT'	RED NEW ZEALAND FLAX				
	PHORMIUM TENAX 'YELLOW WAVE'	YELLOW NEW ZEALAND FLAX				
	TULBAGHIA VIOLACEA 'SILVER LACE'	VARIEGATEED SOCIETY GARLIC				
	YUCCA GLORIOSA VAR. RECURVIFOLIA	BRIGHT STAR YUCCA				
GRASS & GRASS-LIKE PLANTS	ASPERAGUS DENSIFLORUS 'MEYERS'	FOXTAIL FERN			MODERATE	
(moderate water use)	CALAMAGROSTIS X A. 'KARL FOERSTER'	FEATHER REED GRASS				

GROUNDCOVER (low water use)

BOTANICAL NAME	COMMON NAME	SIZE	SPACING	AREA	WUCOLS	APPROX. MATURE SIZE (HXW)
ALOE 'BLUE ELF'	BLUE ELF ALOE	1 GAL.	4' O.C.	13,228 SQ.FT.	LOW	2'X4'
CALANDRINIA SPECTABILIS	PINK ROCK PURSLANE					
CISTUS SALVIIFOLIUS 'PROSTRATUS'	SAGELEAF ROCKROSE					
DELOSPERMA COOPERI	ICE PLANT (NON-INVASIVE)					
GREVILLEA LANIG. 'MT. TAMBORITHA'	PROSTRATE WOOLLY GREVILLEA					
SENECIO CYLINDRICUS	NARROW-LEAF CHALKSTICKS					
LANTANA X 'NEW GOLD'	NEW GOLD LANTANA					
ZAUSCHNERIA 'ROGER'S UC HYBRID'	CALIFORNIA FUCHSIA					
GROUNDCOVER (moderate water use)					MODERATE	
EUONYMUS F. 'EMERALD CARPET'	WINTERCREEPER					
ROSA 'NOALA' CORAL	FLOWER CARPET ROSE					

BIORETENTION PLANTS

BOTANICAL NAME	COMMON NAME	SIZE	SPACING	AREA	WUCOLS	APPROX. MATURE SIZE (HXW)
CAREX TUMULICOLA	FOOTHILL SEDGE	1 GAL.	4' O.C.	63,408 SQ.FT.	LOW	2'X4'
ESCHSCHOLZIA CALIFORNICA	CALIFORNIA POPPY					
EPILOBIUM CANUM	CALIFORNIA FUCHSIA					
FESTUCA MAIREI	MAIRE'S FESCUE					
FESTUCA RUBRA	RED FESCUE					
JUNCUS PATENS	COMMON RUSH					
LOMANDRA LONGIFOLIA 'BREEZE'	DWARF MAT RUSH					
LOMANDRA LONG. 'PLATINUM BEAUTY'	VARIEGATED DWARF MAT RUSH					
LUPINUS BICOLOR	MINIATURE LUPINE					
MUHLENBERGIA RIGENS	DEER GRASS					
SALVIA CLEVELANDII	CLEVELAND SAGE					

VINES

BOTANICAL NAME	COMMON NAME	SIZE	QTY	WUCOLS	APPROX. MATURE SIZE (HXW)
CAMPSIS X TAGLIABUANA	TRUMPET VINE	15 GAL.	93	LOW	20'X4'
HARDENBERGIA 'HAPPY WANDERER'	PURPLE VINE LILAC				
PARTHENOCISSUS TRICUSPIDATA	BOSTON IVY				
ROSA 'CECILE BRUNNER'	CECILE BRUNNER CLIMBING ROSE				
VITIS CALIFORNICA	CALIFORNIA WILD GRAPE				

OTHER

TP	TREE PROTECTION FENCING - SEE DETAIL SHEET 2.3	
	3" MULCH IN ALL PLANTING AREAS (EXCEPT TURF AREAS) MEDIUM SIZE GROUND-UP RECYCLED WOOD	CONTRACTOR TO ESTIMATE
	SODDED TURF / LAWN GRASS	2,429 SQ. FT.
	BIORETENTION PLANTERS	9,844 SQ. FT.
DG	STABILIZED DECOMPOSED GRANITE	1,670 SQ. FT.
	RAISED BEDS FOR RESIDENT VEGGIE GARDENS	495 SQ. FT.
SYNTH.	SYNTHETIC TURF	1,316 SQ. FT.

PLANTING NOTES

1. TOTAL AREA OF LANDSCAPE: 94,868 SQUARE FEET
2. UPON COMPLETION OF THE INSTALLATION, THE CONTRACTOR SHALL SUBMIT A COMPLETED AND SIGNED 'CERTIFICATE OF COMPLETION' STATING THAT THE PROJECT HAS BEEN INSTALLED AS DESIGNED.
3. THE CERTIFICATE OF COMPLETION SHALL BE ACCOMPANIED BY AN IRRIGATION AUDIT, IRRIGATION SCHEDULE, AND A MAINTENANCE SCHEDULE, AS DESCRIBED IN THE CITY ORDINANCE.
4. MASS GRADING IS PLANNED, THE SOIL ANALYSIS REPORT SHALL BE SUBMITTED AS PART OF THE CERTIFICATE OF COMPLETION.
5. A FINAL CITY INSPECTION SHALL BE PERFORMED. THE INSTALLATION CONTRACTOR SHALL ATTEND THIS INSPECTION AND MAKE ALL REQUIRED REPAIRS AND ADJUSTMENTS TO ACHIEVE APPROVAL AND COMPLETION FROM THE CITY.
6. ADD 6" OF SANDY LOAM TOPSOIL TO ALL PLANTING AREAS.
7. ALL WORK TO BE PER SPECIFICATIONS.
8. A MINIMUM OF 8" OF NON-MECHANICALLY COMPACTED SOIL SHALL BE AVAILABLE FOR WATER ABSORPTION AND ROOT GROWTH IN PLANTED AREAS. RIP AND ROTOTILL AS NEEDED.
9. PRIOR TO INCORPORATING COMPOST OR FERTILIZER AND PLANTING OF ANY MATERIALS, COMPACTED SOILS SHALL BE TRANSFORMED INTO A FRIABLE CONDITION.
10. APPLY 8 YARDS OF COMPOST OR NATURAL FERTILIZER TO EACH 1,000 SQUARE FEET OF LANDSCAPE AREA AND ROTOTILL TO A DEPTH OF 8" MINIMUM, OR PER SPECIFIED AMENDMENT RECOMMENDATIONS FROM THE SOILS ANALYSIS REPORT.
11. ALL LANDSCAPE AREAS, EXCEPT LAWNS, SHALL BE TOP-DRESSED WITH A 3" LAYER OF DISTRICT APPROVED MULCH, PER SPECIFICATIONS. NONPOROUS MATERIAL SHALL NOT BE PLACED UNDER THE MULCH.
12. PROVIDE VINE TRELLIS SUPPORT, PER DETAILS, FOR ALL VINES ON WALLS, COLUMNS OR BUILDINGS.
13. FOR ALL TREES, INSTALL LINEAR ROOT BARRIER WHERE CENTER OF TREE IS WITHIN 5 FEET OF CONCRETE, AND OR ANY AC PAVING OR WALLS, TYPICAL, AND AS INDICATED ON THE PLANS. SEE DETAIL.
14. INSTALL PLANT MATERIALS AS SHOWN IN THE PLANTING DETAILS.
15. PLANT QUANTITIES ON LEGEND ARE PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR. IN THE EVENT OF A DISCREPANCY BETWEEN THE PLAN AND THE LISTED QUANTITIES, THE PLAN SHALL GOVERN.
16. NURSERY TRAINING STAKES SHALL BE REMOVED FROM ALL TREES AT TIME OF PLANTING. TREES THAT CAN NOT SUPPORT THEMSELVES WHEN STAKED PER DETAIL SHALL BE REJECTED.
17. TREES WHICH HAVE BEEN 'TOPPED' OR CUT ALONG THE LEAD TRUNK WILL BE REJECTED.

IRRIGATION SYSTEM DESIGN NOTES

- IRRIGATION SYSTEM SHALL USE RECYLCED WATER, AS AVAILABLE.
- IRRIGATION SYSTEM DESIGN TO BE SUBMITTED WITH PLANS FOR BUILDING PERMITS. ALL LANDSCAPE IRRIGATION DESIGN AND CONSTRUCTION SHALL COMPLY WITH THE CITY'S WATER EFFICIENT LANDSCAPE ORDINANCE.
- ALL LANDSCAPE AREAS SHALL BE SERVED BY AUTOMATIC IRRIGATION SYSTEMS DESIGNED TO PREVENT OVERSPRAY AND RUNOFF.
- A PRESSURE REDUCING VALVE SHALL BE LOCATED AT THE POINT OF CONNECTION AS NECESSARY. A DEDICATED IRRIGATION METER SHALL BE USED IN CONJUNCTION WITH A HIGH-FLOW SENSOR AS REQUIRED.
- POINTS OF CONNECTION SHALL BE A REDUCED PRESSURE TYPE BACKFLOW PREVENTION DEVICE LOCATED PER CITY REQUIREMENTS.
- IRRIGATION CIRCUITS SHALL BE SEPARATE AND CREATED BASED UPON PLANT TYPE AND WATER REQUIREMENTS (LANDSCAPE HYDROZONES) AND FURTHER SEPARATED BASED UPON VARIATIONS IN SOLAR EXPOSURE.
- THE AUTOMATIC ELECTRONIC IRRIGATION CONTROL SYSTEM SHALL HAVE AT LEAST 3 SEPARATE, INDEPENDENT PROGRAMS CAPABLE OF MULTIPLE START TIMES PER DAY.
- THE CONTROLLER SHALL BE EQUIPPED WITH AN AUTOMATIC RAIN SHUT-OFF DEVICE OR SOIL MOISTURE SENSOR AS REQUIRED BY THE CITY AND HAVE WEATHER BASED SELF ADJUSTING CAPABILITIES.
- TURF AREAS SHALL BE SPRAY IRRIGATED WITH SUB-SURFACE DRIP UTILIZED WHERE NEEDED TO PREVENT RUN OFF. SHRUB AND GROUND COVER AREAS SHALL BE SERVICED BY POINT SOURCE (DRIP) OR OTHER LOW-VOLUME IRRIGATION. LANDSCAPE AREAS ON SLOPES GREATER THAN 15% SHALL BE POINT SOURCE IRRIGATED.
- MATCHED PRECIPITATION RATE NOZZLES SHALL BE USED TO ALLOW HEADS OF VARYING RADII TO BE USED ON THE SAME CIRCUIT. CHECK VALVES SHALL BE INSTALLED TO PREVENT LOW-HEAD DRAINAGE.

AGRONOMIC SOIL TEST

CONTRACTOR SHALL OBTAIN AN AGRONOMIC SOILS TEST FROM A LICENSED TESTING LABORATORY. CONTRACTOR SHALL GIVE A COPY OF TEST RESULTS AND RECOMMENDATIONS TO CITY LANDSCAPE INSPECTOR AND THE PROJECT LANDSCAPE ARCHITECT PRIOR TO PRE-LANDSCAPE INSTALLATION INSPECTION. REPORT MAY BE SENT ELECTRONICALLY. REPORT MUST BE ON FILE BEFORE INSPECTION.

GREEN POINT NOTES

1. GROUP ALL PLANTS BY WATER NEEDS (SEE HYDROZONE MAP, SHEET L2.2).
2. MULCH ALL PLANTING BEDS TO A DEPTH OF 3" (SEE PLANTING NOTES).
3. DO NOT INSTALL ANY SPECIES LISTED ON THE CALIFORNIA INVASIVE PLANT SPECIES INVENTORY LIST.
4. NO PLANT SPECIES WILL REQUIRE SHEARING.
5. REDUCE LIGHT POLLUTION BY SHIELDING FIXTURES AND DIRECTING LIGHT DOWNWARD.

LAWN ESTABLISHMENT

1. A NONSELECTIVE HERBICIDE SUCH AS GLYPHOSATE (ROUNDUP) SHALL BE USED ON EXISTING AREA TO KILL EXISTING WEEDS AND GRASSES. NOTE: PLANTS MUST BE ACTIVELY GROWING AT THE TIME OF APPLICATION FOR THIS STEP TO BE EFFECTIVE. REAPPLY AFTER (2) DAYS.
2. REMOVE ALL DEBRIS - CONSTRUCTION RESIDUES, ROCKS, TREE STUMPS, UNDESIRABLE GRASSES AND WEEDS.
3. TREE STUMPS AND OTHER ORGANIC DEBRIS/ PLANTS SHALL BE REMOVED RATHER THAN COVERED WITH TOPSOIL.
4. REMOVE SMALL ROCKS AND GRAVEL FROM THE UPPER 2 INCHES OF SOIL TO PROVIDE A UNIFORM SOIL MEDIUM FOR GRASS ROOT DEVELOPMENT.
5. PREEMERGENT HERBICIDES SHALL NOT BE USED PRIOR TO PLANTING TURFGRASS OR NO-MOW TURF. THESE PRODUCTS MAY INJURE THE NEWLY PLANTED GRASSES.
6. ROTOTILL AND PREPARE LAWN AND NO-MOW TURF AREA PER LANDSCAPE SPECIFICATIONS.

TREE PRESERVATION NOTES

1. THIS PROJECT IS SUBJECT TO THE COUNTY'S TREE PROTECTION ORDINANCE AND VALLEY OAK ORDINANCE. ALL GRADING AND DEVELOPMENT ON SITE SHALL BE DONE IN COMPLIANCE WITH THE COUNTY TREE PROTECTION AND VALLEY OAK ORDINANCES, INCLUDING IDENTIFICATION AND PROTECTION OF TREES DURING CONSTRUCTION WITH FENCING AT THE DRIPLINE, AND REPLACEMENT OF PROTECTED TREES THAT ARE DAMAGED OR REMOVED AS A RESULT OF CONSTRUCTION.

2. NOTE: PROPOSED UPDATES TO THE TREE PROTECTION ORDINANCE ARE CURRENTLY BEING CONSIDERED BY THE BOARD OF SUPERVISORS. PROPOSED UPDATES INCLUDE ADDITIONS TO THE PROTECTED TREE SPECIES LIST, REDUCING THE MINIMUM DIAMETER, AND EXPANDING THE PROTECTED PERIMETER OF RETAINED TREES. THESE UPDATES COULD IMPACT DEVELOPMENT PLANS AND MITIGATION PLANS. SEE permitssonoma.org/longrangeplans/proposedlong-rangeplans/comprehensivetreeordinance FOR UPDATES BEFORE STARTING WORK.

TREE PROTECTION MEASURES

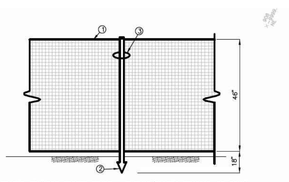
GENERAL:
NO OPERATION OF EQUIPMENT OR VEHICLES, OR STORAGE OF MATERIALS, OR DISPOSAL OF WASTE MATERIALS SHALL OCCUR WITHIN THE DRIPLINE OF PROTECTED TREES. SITE CLEARING/STRIPPING SHALL BE LIMITED TO AREAS OUTSIDE PROTECTED TREE DRIPLINES WHEREVER POSSIBLE, AND AS SHALLOW AS POSSIBLE WHERE NECESSARY WITHIN DRIPLINES.

PROTECTIVE FENCING:
TEMPORARY PROTECTIVE FENCING SHALL BE INSTALLED TO RESTRICT CONSTRUCTION ACTIVITY WITHIN THE DRIPLINES OF PROTECTED TREES. IT SHALL BE PLACED AT THE DRIPLINS OF TREES, OR AS SHOWN ON THE IMPROVEMENT PLANS. (IN SOME CASES, GRADING OR OTHER OPERATIONS MUSH OCCUR WITHIN THE DRIPLINES, AND THE FENCING IS PLACED AS FAR AS POSSIBLE FROM THE TRUNKS AT THE LIMIT OF REQUIRED ACCESS.)

PRUNING:
ANY PRUNING SHALL BE MINIMUM NECESSARY TO ACHIEVE HAZARD REDUCTION AND PUBLIC SAFETY, CONSTRUCTION CLEARANCE, AND TO IMPROVE TREE HEALTH. ALL PRUNING SHALL BE DONE ACCORDING TO ISA OR ANSI STANDARDS, BY QUALIFIED PERSONNEL. PRUNING SHALL BE DONE BY ISA CERTIFIED TREE WORKERS OR CERTIFIED ARBORISTS, OR UNDER THE DIRECT SUPERVISION OF A CERTIFIED ARBORIST. PRUNING FOR HAZARD REDUCTION SHALL INCLUDE: THE REMOVAL OF DEAD BRANCHES OR STEMS 2" DIAMETER AND LARGER (UNLESS NOTED OTHERWISE), BROKEN, WEAKLY ATTACHED OR CROSSING BRANCHES. STUBS OF BROKEN BRANCHES SHALL BE RE-CUT. PRUNING FOR CONSTRUCTION OR VEHICULAR CLEARANCE SHALL BE THE MINIMUM NECESSARY FOR THE SAFE OPERATION OF EQUIPMENT AND CONSTRUCTION ACTIVITIES. BRANCHES SHALL BE CUT BACK TO APPROPRIATE SIZED LATERALS OR THE PARENT STEM. NO STUBS, BROKEN ENDS, FLUSH CUTS, OR WOUNDS ON TRUNKS OR BRANCHES ARE ACCEPTABLE. WHEN ACCESS MUST OCCUR FOR CONSTRUCTION WITHIN TREE PROTECTION ZONES, A MONITORING ARBORIST SHALL BE PRESENT TO OBSERVE THE WORK AND MAKE RECOMMENDATIONS.

ROOT PROTECTION:
IF ROOTS LARGER THAN 1" DIAMETER WHICH CANNOT BE PRESERVED ARE ENCOUNTERED DURING GRADING OR TRENCHING, THEY SHOULD BE CUT CLEANLY ACROSS THE FACE OF THE ROOT WITH A SHARP SAW, PAST ANY DAMAGED PORTION. IN AREAS WHERE ROOTS ARE ENCOUNTERED, AND BACKFILL WILL BE PLACED, ROOTS SHOULD BE LEFT EXPOSED AS SHORT A TIME AS POSSIBLE TO AVOID DRYING OUT.

MITIGATION:
AT THE COMPLETION OF CONSTRUCTION ACTIVITES THERE MAY BE AREAS AROUND PROTECTED TREES THAT REQUIRE TREATMENT TO ENSURE FUTURE TREE HEALTH. AREAS WHERE SOIL HAS BECOME COMPACTED SHALL BE LOOSENED. IN DISTURBED AREAS, A 4-6" DEEP LAYER OF ARBOR MULCH (CHIPPED FRESH BARK, FOLIAGE AND WOOD) SHALL BE PLACED WITHIN PROTECTED TREE DRIPLINES TO SERVE AS A PERMANENT TOP DRESSING.



① FRASER-EDWARDS SPORTS FENCE -- IT PLUS/PLASTIC FENCING, OR EQUAL COLOR--ORANGE OR RED.
② LIGHTWEIGHT 5-1/2" HEIGHT STANDARD FORM QUALITY "T-POST" PLACED AS NEEDED TO FORM DRIPLINE RADIUS. (POST SPACING 20' MAXIMUM).
③ SLIDE FABRIC OVER "T-POST" AND INSTALL METAL TIE WIRE AT TOP OF POST.

TEMPORARY TREE PROTECTION FENCE
NOT TO SCALE

"I HAVE COMPLIED WITH THE CRITERIA OF THE WATER-EFFICIENT LANDSCAPE ORDINANCE AND APPLIED THEM FOR THE EFFICIENT USE OF WATER IN THE LANDSCAPE DESIGN PLAN."

JENNIFER LIMOLI-TRAVERS
3246 OLD REDWOOD HWY, SUITE 200
WINDSOR, CA. 95492
PH: 707-535-3200

JENNIFER E. LIMOLI-TRAVERS — LICENSED LANDSCAPE ARCHITECT — Date: 8/31/26 — STATE OF CALIFORNIA

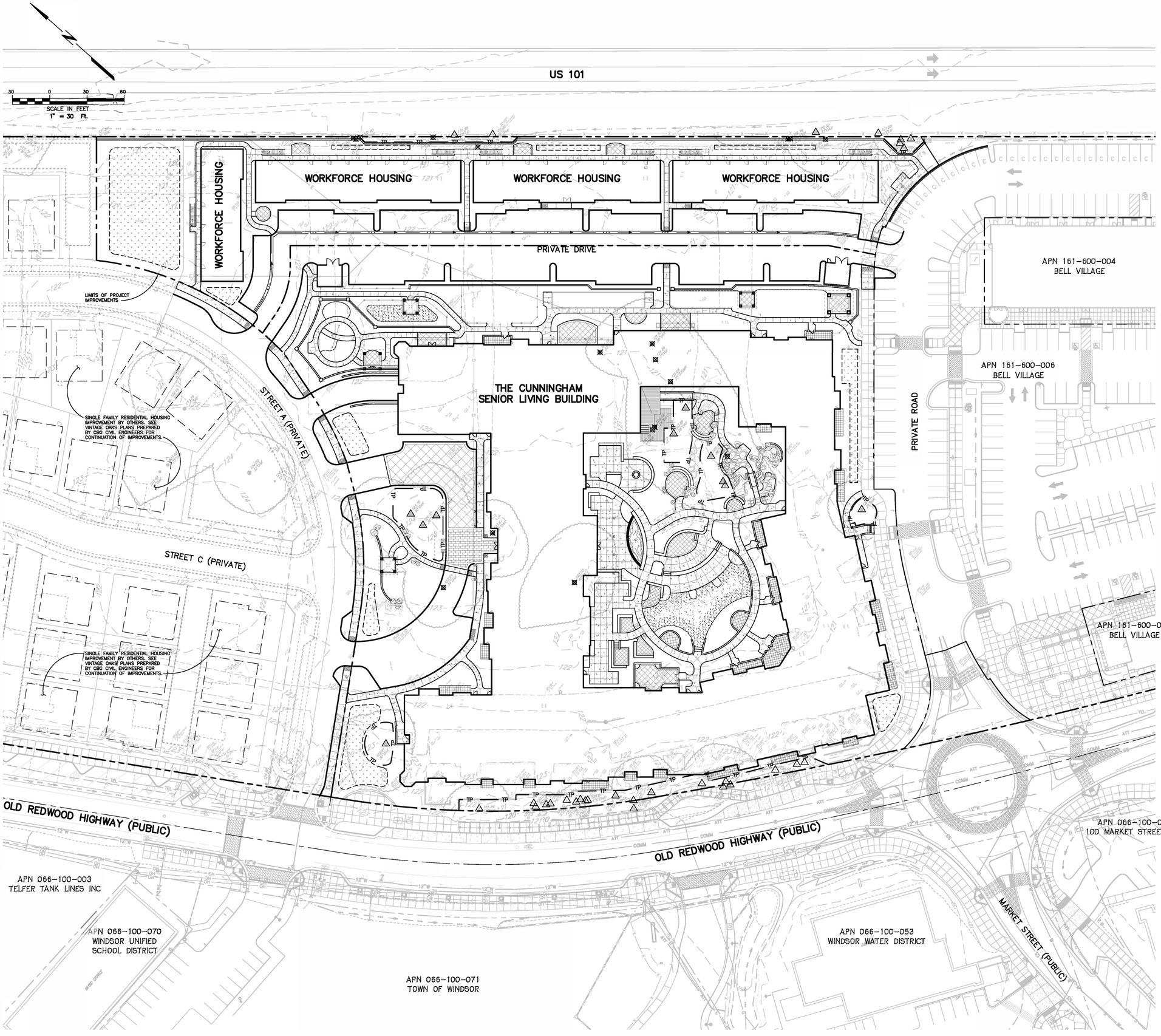
GALLAHER COMPANIES
COMMUNITY • CONSTRUCTION • FAMILY

PRELIMINARY PLANTING DESIGN
LEGEND & NOTES
THE CUNNINGHAM
OLD REDWOOD HIGHWAY, WINDSOR, CA 95492

JOB NO:
SCALE:
DRAWN BY:
DATE: MARCH 2025
COPYRIGHT
REVISIONS:

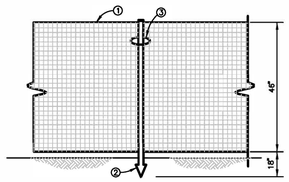
APPROVAL:

SHEET NO:X
L1.1
OF XX



LEGEND

- TREE TO BE REMOVED.
- TREE TO BE SAVED.
- TP — INSTALL TREE PROTECTION FENCING.



① FRASER-EDWARDS SPORTS FENCE – IT PLUS/PLASTIC FENCING, OR EQUAL COLOR-ORANGE OR RED.

② LIGHTWEIGHT 5-1/2' HEIGHT STANDARD FORM QUALITY "T-POST" PLACED AS NEEDED TO FORM DRIPLINE RADIUS. (POST SPACING 20' MAXIMUM).

③ SLIDE FABRIC OVER "T-POST" AND INSTALL METAL TIE WIRE AT TOP OF POST.

TEMPORARY TREE PROTECTION FENCE

NOT TO SCALE

TREE PROTECTION NOTES

1. FENCING SHALL GENERALLY BE INSTALLED OUTSIDE THE DRIPLINES OF PROTECTED TREES (AS SHOWN HEREON) PRIOR TO INITIATION OF ANY WORK. INSTALLATION OF FENCING WITHIN DRIPLINES SHALL BE APPROVED BY THE PROJECT ARBORIST, AND EVIDENCE OF FENCING INSPECTION SHALL BE FORWARDED BY THE PROJECT ARBORIST PRIOR TO ISSUANCE OF A GRADING PERMIT.
2. FENCING CAN ONLY BE RELOCATED FOR CONSTRUCTION OF NECESSARY IMPROVEMENTS UNDER REVIEW BY THE PROJECT ARBORIST.
3. NO ACTIVITY SHALL OCCUR WITHIN DRIPLINES OF PROTECTED TREES, EXCEPT AS SUPERVISED AND DIRECTED ON-SITE BY THE PROJECT ARBORIST. FAILURE TO COMPLY WITH THIS REQUIREMENT MAY BE CAUSE FOR ISSUANCE OF AN ORDER TO STOP WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING AVAILABILITY OF ARBORIST FOR ON-SITE INSPECTIONS.
4. THE PROJECT ARBORIST SHALL KEEP WRITTEN RECORDS OF SITE INSPECTIONS AND SHALL FORWARD A SUMMARY REPORT TO THE PLANNING DEPARTMENT OF ALL WORK AUTHORIZED WITHIN DRIPLINES, GENERAL COMPLIANCE TO TREE PRESERVATION RECOMMENDATIONS AND ANY DAMAGE AFFECTING TREE SURVIVABILITY IN ACCORDANCE WITH CONDITIONS OF PROJECT APPROVAL. ANY REQUIRED REPORT SHALL BE RECEIVED PRIOR TO FINAL CLEARANCE OF IMPROVEMENTS AUTHORIZED BY THESE PLANS.
5. PRUNING, CABLING, TREE REMOVAL AND REMOVAL OF DEAD WOOD AS RECOMMENDED BY THE PROJECT ARBORIST SHALL BE THE RESPONSIBILITY OF THE SUBDIVIDER.
6. ALL TREES MARKED WITH A SYMBOL ARE TO BE REMOVED. TREES TO BE SAVED ARE MARKED WITH A SYMBOL.
7. AT NO TIME WILL PARKING, STORAGE OR HANDLING OF MATERIALS, OR VEHICULAR ACCESS BE ALLOWED WITHIN THE DRIPLINES OF TREES WITHOUT THE WRITTEN APPROVAL OR PRESENCE OF THE PROJECT ARBORIST.

PRUNING

8. ANY PRUNING SHALL BE THE MINIMUM NECESSARY TO ACHIEVE HAZARD REDUCTION AND PUBLIC SAFETY, CONSTRUCTION CLEARANCE, AND TO IMPROVE TREE HEALTH.
9. ALL PRUNING SHALL BE DONE ACCORDING TO ISA OR NAA STANDARDS, BY QUALIFIED PERSONNEL. PRUNING SHALL BE DONE BY ISA CERTIFIED TREE WORKERS OR CERTIFIED ARBORISTS, OR UNDER THE DIRECT SUPERVISION OF A CERTIFIED ARBORIST.
10. PRUNING FOR HAZARD REDUCTION SHALL INCLUDE: THE REMOVAL OF DEAD BRANCHES OR STEMS 3 INCHES IN DIAMETER OR LARGER, BROKEN, WEAKLY-ATTACHED OR CROSSING BRANCHES. PRUNING FOR CONSTRUCTION CLEARANCE SHALL BE THE MINIMUM NECESSARY FOR THE SAFE OPERATION OF EQUIPMENT AND CONSTRUCTION ACTIVITIES. BRANCHES SHALL BE CUT BACK TO APPROPRIATE SIZED LATERALS OR TO THE PARENT STEM. NO STUBS, BROKEN ENDS, FLUSH CUTS, OR WOUNDS ON TRUNKS OR BRANCHES ARE ACCEPTABLE.

ROOT PROTECTION

11. WHERE REPEATED OPERATION OF EQUIPMENT MUST OCCUR IMMEDIATELY ADJACENT TO PROTECTED TREES, THE SUPERVISING ARBORIST MAY REQUIRE THAT A 6-INCH LAYER OF WOOD CHIPS OR COARSE MULCH BE SPREAD TO PREVENT SOIL COMPACTION WITHIN TREE ROOTZONES.
12. IF ROOTS LARGER THAN 1 INCH IN DIAMETER ARE ENCOUNTERED DURING GRADING OR TRENCHING, THEY SHOULD BE CUT CLEANLY ACROSS THE FACE OF THE ROOT WITH A SHARP SAW, PAST ANY DAMAGED PORTION.
13. IN AREAS WHERE ROOTS ARE ENCOUNTERED AND BACKFILL WILL BE PLACED, ROOTS SHOULD BE LEFT EXPOSED AS SHORT A TIME AS POSSIBLE TO AVOID DRYING OUT.

MITIGATION

14. AT THE COMPLETION OF CONSTRUCTION ACTIVITIES THERE MAY BE AREAS AROUND PROTECTED TREES THAT REQUIRE TREATMENT TO INSURE FUTURE TREE HEALTH. AREAS WHERE SOIL HAS BECOME COMPACTED SHALL BE LOOSENED. WHEREVER POSSIBLE IN DISTURBED AREAS, A LAYER OF ORGANIC MULCH SHALL BE PLACED UNDER TREE CANOPIES.

REGISTERED PROFESSIONAL ENGINEER
BRENT LEE ERICKSON
No. C 60883
Exp. 12-31-26
CIVIL
STATE OF CALIFORNIA

GALLAHER COMPANIES
COMMUNITY • CONSTRUCTION • FAMILY

TREE PRESERVATION PLAN
THE CUNNINGHAM & MULTIFAMILY APARTMENTS
WINDSOR CA 95492

JOB NO: 2994.27
SCALE: AS SHOWN
DRAWN BY: PIT
DATE: OCTOBER 2025
COPYRIGHT
REVISIONS:

SHEET NO:
C2

10-21-25 erickson \2994\dwg\2994 27\2994.27 PLAN.dwg
TAB: C2 TREE

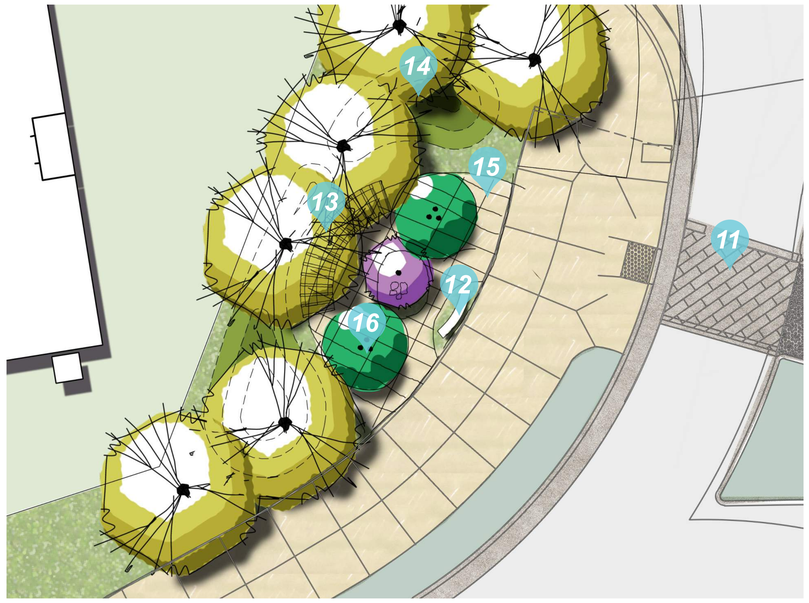


PLAN LEGEND

1. Paseo, See Enlargement B
2. Entry Sign and Plaza, See Enlargement A
3. Accent Trees
4. Street Trees
5. Bio-Retention Area



ENLARGEMENT A

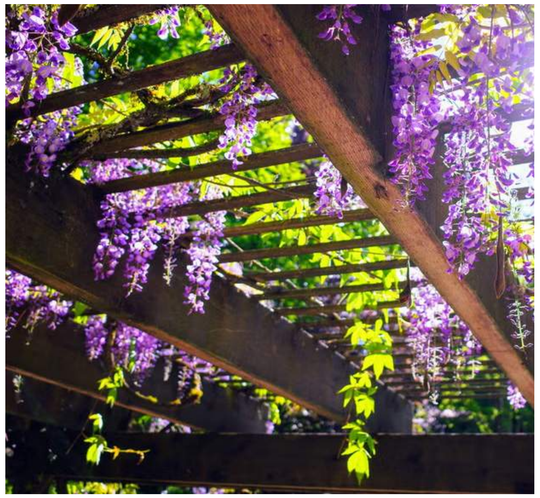


ENLARGEMENT B





















1 Entry Sign
2 Pedestrian Concrete Paving
3 Shade Trees
4 Planting Area
5 Seat Walls
6 Bee Hotel
7 Lending Library
8 Trellis
9 Boulders
10 Pots
11 Crosswalk
12 Entry Sign
13 Trellis with Seat Walls
14 Berms
15 Pedestrian Concrete Paving
16 AccentTrees

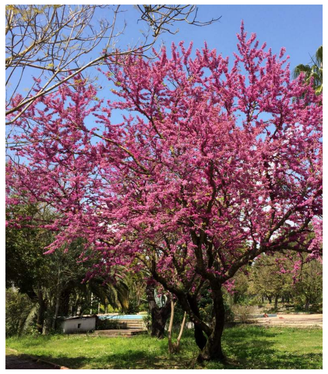
TREES



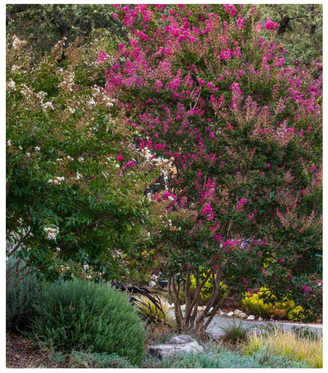
Quercus lobata
Valley Oak



Aesculus californica
California Buckeye



Cercis occidentalis
Western Redbud



Lagerstroemia indica
Crape Myrtle



Quercus shumardii
Shumard Oak



Tilia cordata
Littleleaf Linden

SHRUBS



Muhlenbergia rigens
Deer Grass



Achillea millefolium
Moonshine Yarrow



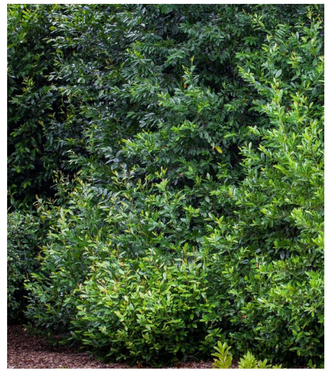
Salvia spathacea
Hummingbird Sage



Ceanothus concha
California Lilac



Lomandra longifolia
Mat Rush



Prunus caroliniana ‘Compacta’
Compact Carolina Cherry Laurel

BIO RETENTION



Juncus patens
California Gray Rush



Calamagrostis x acutiflora ‘Karl Foerster’
Feather Reed Grass



Carex tumulicola
Berkeley Sedge



Juncus effusus
Soft Rush