Attachment 5

TREE PRESERVATION NOTES

1. PRIOR TO ANY GRADING, MOVEMENT OF HEAVY EQUIPMENT, APPROVAL OF IMPROVEMENT PLANS, OR THE ISSUANCE OF ANY PERMITS, TREE PROTECTION FENCING SHALL BE INSTALLED CONSISTING OF A MINIMUM 4 FOOT TALL HIGH-VISIBILITY FENCE (ORANGE PLASTIC SNOW FENCE OR SIMILAR). SHALL BE PLACED AROUND THE PERIMETER OF THE TREE PROTECTION ZONE (DRIPLINE PLUS 10 FEET) FOR ALL TREES TO BE PRESERVED. THE CRZ (CRITICAL ROOT ZONE) IS THE MINIMUM DISTANCE FOR PLACING PROTECTIVE FENCING, BUT THE PROTECTION FENCING SHOULD BE PLACED AS FAR OUTSIDE OF THE CRZ AS POSSIBLE. FENCING SHALL BE REMOVED FOLLOWING CONSTRUCTION, BUT PRIOR TO INSTALLATION OF LANDSCAPING MATERIAL.
2. WHENEVER POSSIBLE, FENCE MULTIPLE TREES TOGETHER IN A SINGLE CRZ.
3. SIGNS SHALL BE POSTED ON ALL SIDES OF THE FENCES SURROUNDING EACH TREE, STATING THAT EACH TREE IS TO BE PRESERVED.
4. NO PARKING, PORTABLE TOILETS, DUMPING OR STORAGE OF ANY CONSTRUCTION MATERIALS, INCLUDING OIL, GAS, OR OTHER CHEMICALS, OR OTHER INFRINGEMENT BY WORKERS OR DOMESTICATED ANIMALS IS ALLOWED IN THE CRZ.
5. DO NOT PLACE OR STORE ANY EQUIPMENT OR CONSTRUCTION MATERIALS OR ALLOW FLOW OF ANY OIL, FUEL, CONCRETE MIX OR OTHER DELETERIOUS SUBSTANCE INTO OR OVER WITHIN THE CRZ OF ANY PROTECTED TREE.
6. ALL TREES LOCATED WITHIN 25 FEET OF STRUCTURES SHALL BE PROTECTED FROM STUCCO AND/OR PAINT DURING CONSTRUCTION.
7. GRADING SHALL BE DESIGNED TO AVOID PONDING AND ENSURE PROPER DRAINAGE WITHIN DRIPLINES OF ALL TREES.
8. MINIMIZE DISTURBANCE TO THE NATIVE GROUND SURFACE (GRASS, LEAF LITTER, OR MULCH) UNDER PRESERVED TREES TO THE GREATEST EXTENT FEASIBLE. ALL BRUSH, EARTH, AND DEBRIS SHALL BE REMOVED IN A MANNER THAT PREVENTS INJURY TO THE TREE. AVOID TRENCHING, GRADING, PAVING, OR OTHERWISE DAMAGING OR DISTURBING ANY EXPOSED ROOTS WITHIN THE CRZ OF A PROTECTED TREE.
9. IF UNDERGROUND UTILITIES AND/OR IRRIGATION TRENCHING ENCROACH WITHIN THE CRZ, THEY SHALL BE BORED OR DRILLED UNDER THE ROOT SYSTEM OF A PROTECTED TREE, IF THIS IS PRACTICABLE. THE TRENCHING SHALL BE COMPLETED BY HAND TOOLS, AIR SPADES, OR OTHER ACCEPTABLE MEASURES UNDER THE SUPERVISION OF AN ISA CERTIFIED ARBORIST. BORING MACHINERY, BORING PITS, AND SPOILS SHALL BE SET OUTSIDE OF THE CRZ FENCING.
10. ALL WORK SHALL CONFORM TO THE MOST CURRENT AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) TREE CARE STANDARDS.
11. DO NOT SEVER MAJOR ROOTS 2-INCH OR GREATER UNLESS PERMITTED BY AN ISA CERTIFIED ARBORIST. CUT ALL ROOTS, REGARDLESS OF SIZE, CLEANLY AT THE EDGE OF GROUND DISTURBANCE WITH PRUNING INSTRUMENTS AND KEEP MOIST UNTIL COVERED WITH SOIL.
12. PRUNING OF LIVING LIMBS OR ROOTS SHALL BE DONE UNDER THE SUPERVISION OF AN ISA CERTIFIED ARBORIST. ALL PRUNING SHOULD BE DONE BY HAND, AIR KNIFE, OR WATER JET, IN ACCORDANCE WITH ISA STANDARDS USING THE MAINTENANCE BEST PRACTICES. CLIMBING SPIKES SHOULD NOT BE USED ON LIVING TREES. LIMBS SHOULD BE REMOVED INTO CLEAN CUTS JUST OUTSIDE THE CROWN COLLAR.
13. NATIVE WOODY PLANT MATERIAL (TREES AND SHRUBS) TO BE REMOVED MAY BE CHIPPED OR MULCHED ON THE PROJECT SITE AND PLACED IN 4 TO 6-INCH DEEP LAYER AROUND EXISTING TREES TO REMAIN. DO NOT PLACE MULCH IN CONTACT WITH THE TRUNK OF PRESERVED TREES.
14. ANY AND ALL EXPOSED ROOTS SHALL BE COVERED WITH PROTECTIVE MATERIAL (E.G. BURLAP, BURLAP) DURING CONSTRUCTION TO PREVENT DRYING OUT.
15. NO SUPPLEMENTARY IRRIGATION SHALL OCCUR WITHIN 5.0 FEET OF THE DRIPLINE OF ANY PROTECTED NATIVE OAK.
16. NO SIGNS, ROPES, CABLES, OR ANY OTHER ITEM SHALL BE ATTACHED TO A PROTECTED TREE.
17. NO BURNING OR USE OF EQUIPMENT WITH AN OPEN FLAME MAY OCCUR NEAR OR WITHIN THE PROTECTED PERIMETER. APPROPRIATE FIRE PREVENTION TECHNIQUES SHALL BE EMPLOYED AROUND ALL TREES TO BE PRESERVED. THIS INCLUDES CUTTING TALL GRASS, REMOVING FLAMMABLE DEBRIS WITHIN THE TREE PROTECTION ZONE (TPZ), AND PROHIBITING THE USE OF TOOLS THAT MAY CAUSE SPARKS, SUCH AS METAL BLADE TRIMMERS OR MOWERS.

REGISTERED LANDSCAPE ARCHITECT
No. 4729
Signature
Expiration Date
STATE OF CALIFORNIA

wilson ID studio

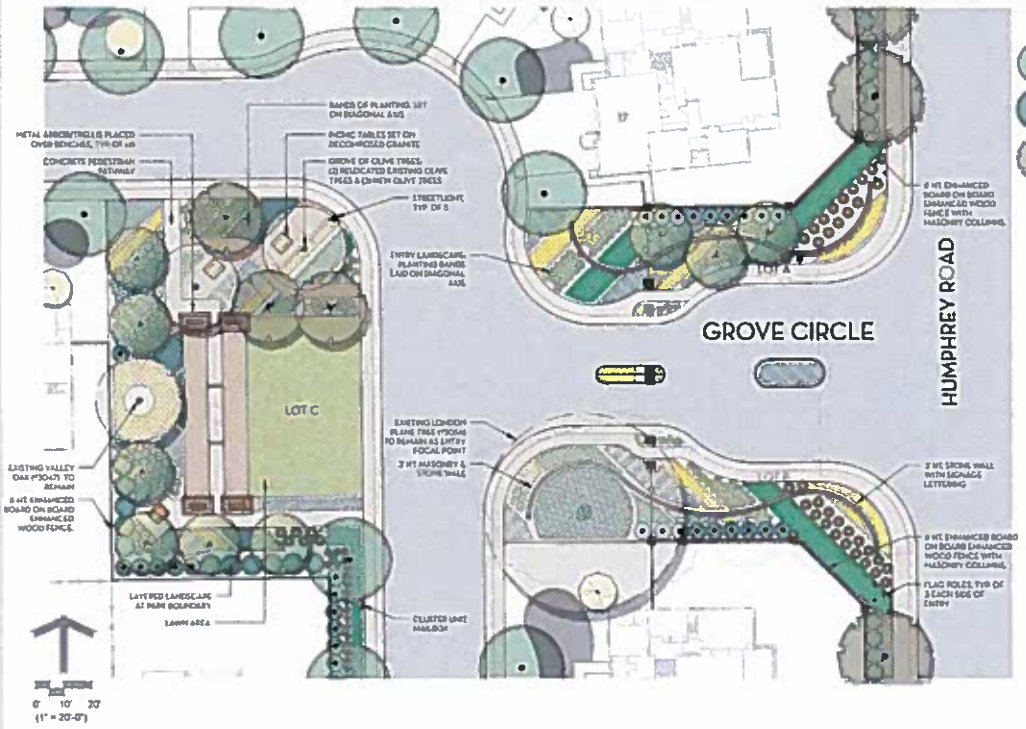
REVISIONS

Revision	Date	Description	By	Appd.

DESIGNED BY: JMA
DRAWN BY: JMA
CHECKED BY: KPW
DATE: 08/02/2007

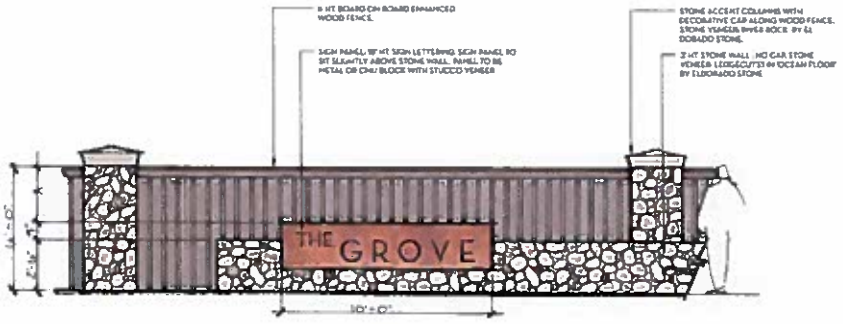
3342 HUMPHREY ROAD
PRELIMINARY LANDSCAPE PLAN
LOOMIS, CA

SHEET
L1
1 OF 3 SHEETS



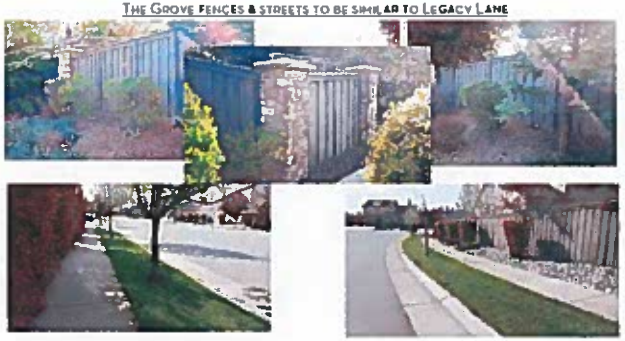
Preliminary Plant Legend

Type	Botanical Name	Common Name	Water Use	Size	Height x Width
Street Trees					
	Acer rubrum 'October Glory'	October Glory Red Maple	M	36" box	35' x 30'
	Acer x platanoides 'Crimson Sunset'	Crimson Sunset Maple	M	15 gal.	30' x 25'
	Arbutus x 'Marina'	Marina Strawberry Tree	L	24" box	30' x 25'
	Olea europaea 'Wilsonii'	Fruitless Olive	L	24" box	25' x 25'
	Quercus wislizeni	Interior Live Oak	L	24" box	35' x 40'
Ornamental Trees					
	Cercis occidentalis	Western Redbud	VL	24" box	15' x 15'
	Cotinus coggygria 'Purpureus'	Purple Smoke Tree	L	24" box	14' x 14'
	Lagerstroemia indica 'Muskogee'	Lavender Crape Myrtle	L	24" box	22' x 12'
	Magnolia grandiflora 'Little Gem'	Compact Southern Magnolia	M	24" box	22' x 12'
Screen Shrubs					
	Arctostaphylos 'Howard McMinn'	Howard McMinn Manzanita	L	5 gal.	6' x 6'
	Arbutus unedo 'Compacta'	Compact Strawberry Tree	L	5 gal.	8' x 8'
	Dodonaea viscosa 'Purpurea'	Purple Leafed Hop-bush	L	5 gal.	10' x 8'
	Juniperus chinensis 'Sea Green'	Sea Green Juniper	L	5 gal.	4.5' x 5'
	Lagerstroemia indica 'Dwarf Red'	Dwarf Red Crape Myrtle	L	5 gal.	5' x 5'
	Rhamnus californica 'Eve Case'	Coffeeberry	L	5 gal.	6' x 6'
Foundation Shrubs					
	Aloe grandiflora 'Kaleidoscope'	Variegated Aloe	M	5 gal.	2.5' x 3.5'
	Dietes bicolor 'Lemon Drops'	Lemon Drops Fortnight Lily	L	1 gal.	3.5' x 3.5'
	Grevillea 'Noell'	Noell's Grevillea	L	5 gal.	4' x 4.5'
	Lomandra longifolia 'Breeze'	Dwarf Mat Rush	L	1 gal.	2' x 2'
	Rhaphiolepis umbellata 'Minor'	Dwarf Yeddo Hawthorn	L	5 gal.	3.5' x 3.5'
	Westringia fruticosa 'Morning Light'	Variegated Coast Rosemary	L	5 gal.	3' x 3'
Accent					
	Anigozanthos hybrid 'Orange'	Orange Kangaroo Paw	L	1 gal.	3.5' x 2.5'
	Asparagus densiflorus 'Myers'	Asparagus Fern	M	1 gal.	2.5' x 3.5'
	Hesperaloe parviflora yellow	Yellow Yucca	L	5 gal.	3.5' x 3.5'
	Kniphofia uvaria	Red Hot Poker	L	5 gal.	3.5' x 3.5'
	Lavandula intermedia 'Provence'	Hedge Lavender	L	5 gal.	2' x 3'
	Perovskia atriplicifolia 'Blue Spires'	Russian Sage	L	5 gal.	3.5' x 3.5'
	Phormium spp.	New Zealand Flax	L	5 gal.	varies
Groundcover					
	Cupressus lusitanica	Kim's Cypressus	L	1 gal.	2' x 5', 48" o.c.
	Dianella revoluta 'Little Rev'	Little Rev Flax Lily	L	1 gal.	1.5' x 1.5', 18" o.c.
	Festuca 'Elijah Blue'	Blue fescue	L	1 gal.	1' x 1', 18" o.c.
	Lavandula angustifolia 'Munstead'	Dwarf English Lavender	L	1 gal.	1.5' x 1.5', 18" o.c.
	Liriope muscari 'Silvery Sunproof'	Variegated Lily Turf	M	1 gal.	1.5' x 1.5', 18" o.c.
	Myoporum parvifolium 'Pink'	Creeping Myoporum	L	1 gal.	0.5' x 9', 60" o.c.
	Native New Free (Festuca californica, Festuca idahoensis, & Festuca rubra)		L	Sod	—
	Santolina virens	Green Lavender Cotton	L	1 gal.	2' x 3', 36" o.c.
Vines					
	Ficus pumila	Creeping Fig	L	5 gal.	25'-30' long
Turf					
	LAWN (Solara Plus (90% Solara Dwarf Fescue & 10% Kentucky Bluegrass)		H	Sod	



ENTRY SIGNAGE ELEVATION

THE GROVE FENCES & STREETS TO BE SIMILAR TO LEGACY LANE



BOARD-ON-BOARD ENHANCED WOOD FENCE

REGISTERED LANDSCAPE ARCHITECT
STATE OF CALIFORNIA

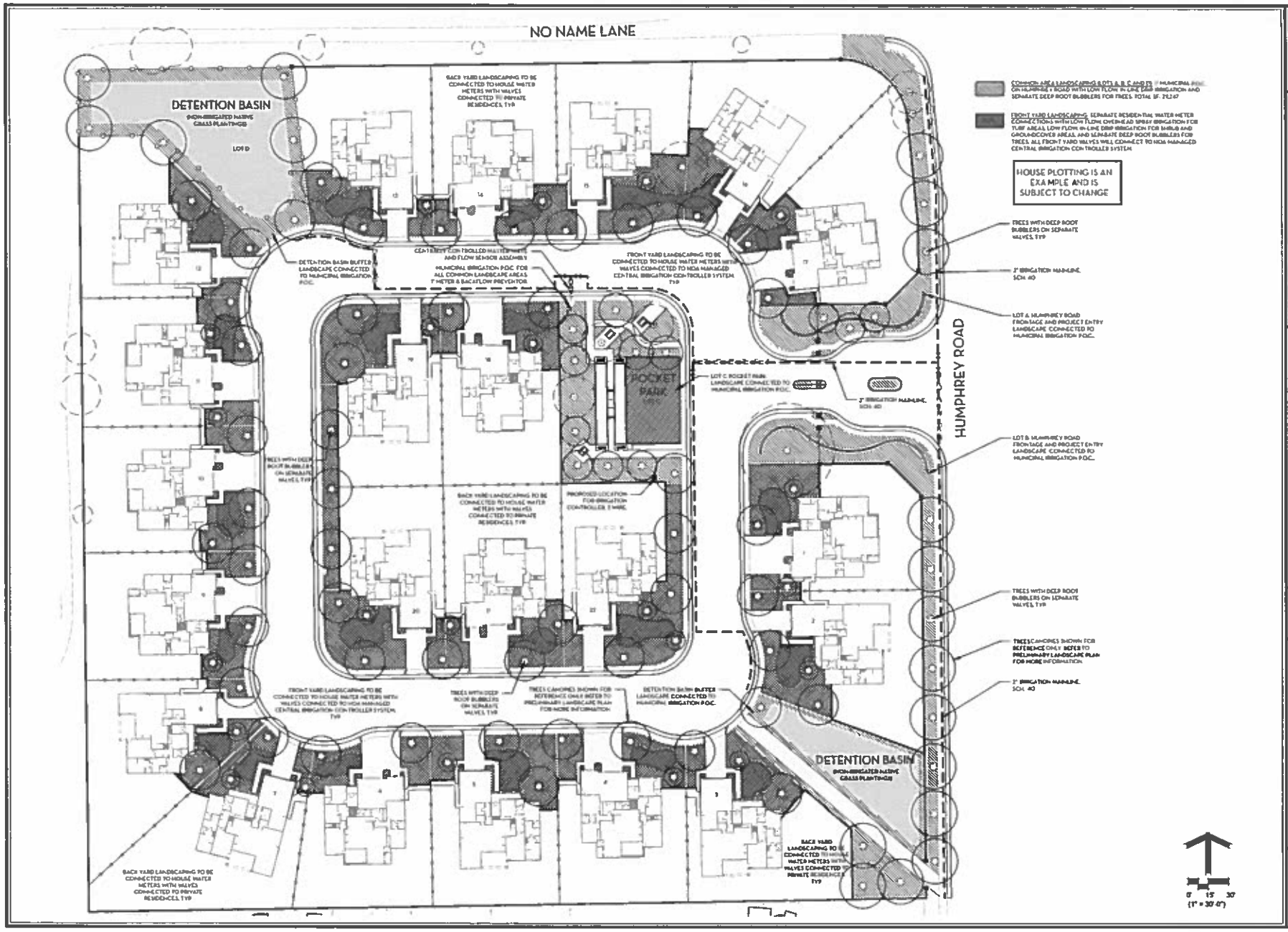
REVISIONS

Symbol	Date	Description	By

DESIGNED BY JMA
DRAWN BY JMA
CHECKED BY KPW
DATE
CHECK SCALE

3342 HUMPHREY ROAD
PRELIMINARY LANDSCAPE ENLARGEMENT PLAN
LOOMIS, CA

SHEET
L2
2 OF 3 SHEETS



REGISTERED LANDSCAPE ARCHITECT
STATE OF CALIFORNIA

REVISIONS

DATE	DESCRIPTION	BY

DESIGNED BY JM
DRAWN BY JM
CHECKED BY KOW
DATE
DRAWING NUMBER

3342 HUMPHREY ROAD
PRELIMINARY IRRIGATION PLAN
LOOMIS, CA

SHEET
L3
3 OF 3 SHEETS