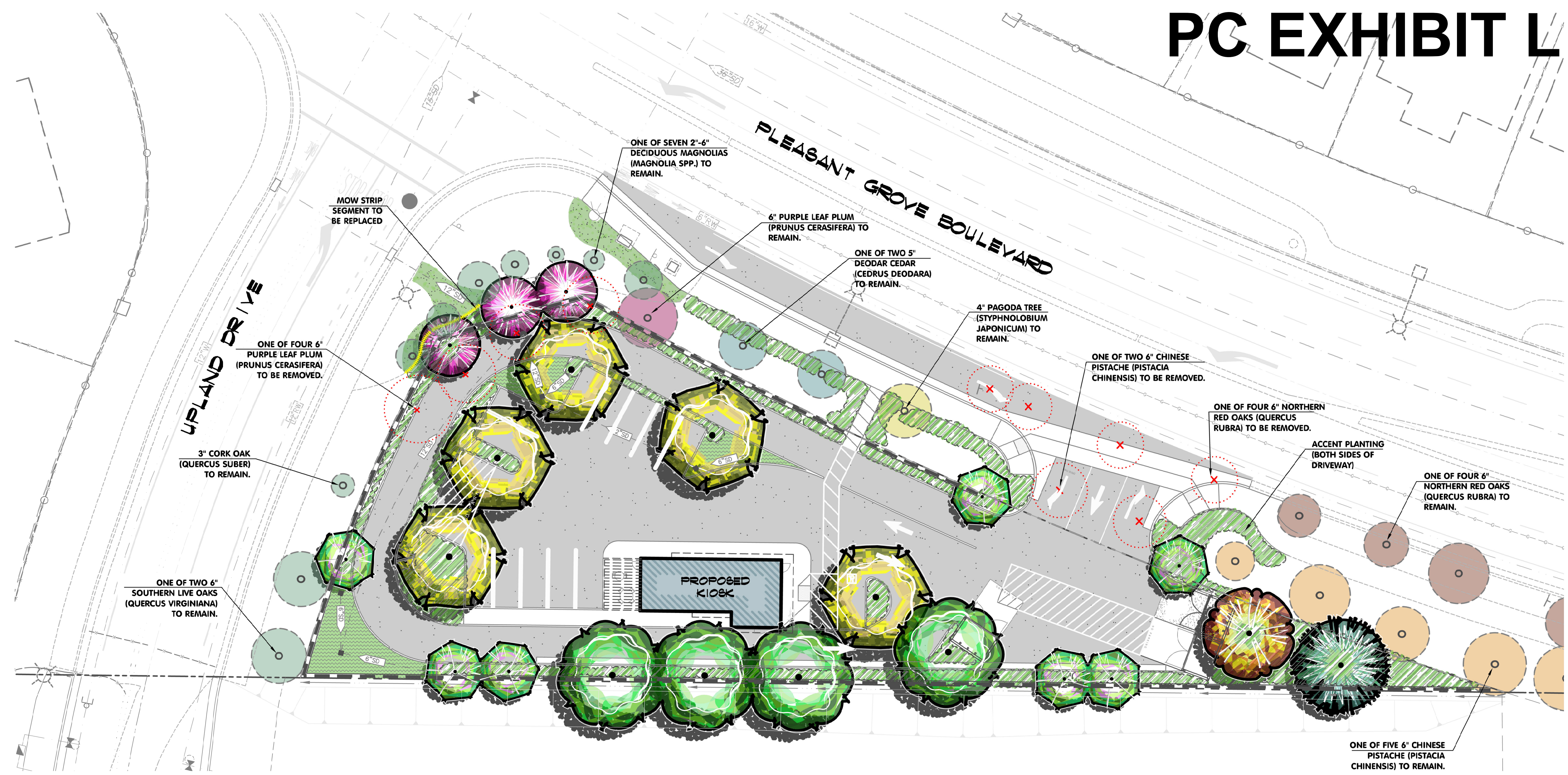


# PG EXHIBIT L



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Project:

**SIERRA VISTA COFFEE KIOSK**

S. CORNER OF UPLANDS DRIVE & PLEASANT GROVE BOULEVARD  
CITY OF ROSEVILLE CALIFORNIA

FOR MILLC

Sheet Title:

**PRELIMINARY LANDSCAPE PLAN**

### PARKING LOT SHADE CALCULATIONS:

TREE TYPE	AREA/ FULL	QUANTITY FULL	3/4	1/2	1/4	SUBTOTAL	TOTAL
35' DIA. TREES							
STYPHNOLOBIUM J.	962 S.F.	0	0	3	2	1924 S.F.	1924 S.F.
35' TOTAL:						1924 S.F.	1924 S.F.
PARKING AREA:						3560 S.F.	3560 S.F.
SHADE REQUIRED:						50%	1780 S.F.
SHADE PROVIDED:						54%	1924 S.F.

### WATER BUDGET CALCULATION

MAXIMUM APPLIED WATER ALLOWANCE (MAWA) = 89029 GALLONS PER YEAR

MAWA = 52.2 ETO x 0.62 GAL/S.F. x 0.45 (ET ADJ. FACTOR) x 6113 S.F. LANDSCAPE AREA

ESTIMATED TOTAL WATER USE (ETWU) = 62784 GALLONS PER YEAR

HYDROZONE (STATION #)	PLANT USE TYPE	WATER FACTOR	PLANT AREA (S.F.)	IRRIG. EFF. (%)	CALCULATION	ESTIMATED WATER USE
C1	LOW (FULL SUN)	0.20	4951	81%	52.2 x 62 x .20 x 4951 / 81% =	39565 GAL
C2	MEDIUM (BIORETENTION)	0.50	1162	81%	52.2 x 62 x .50 x 1162 / 81% =	23220 GAL
TOTAL ANNUAL ESTIMATED WATER USE:						62784 GAL

### TREE LIST & LEGEND

SYMBOL	BOTANIC NAME/COMMON NAME	WATER USE	SIZE	QUANTITY	REMARKS
	CEDRUS DEODARA/DEODAR CEDAR	LOW	15 GALLON	1	
	CHILOPSIS LINEARIS 'TIMELESS BEAUTY'/DESERT WILLOW	LOW	15 GALLON	7	STANDARD
	PISTACIA CHINENSIS/CHINESE PISTACHE	LOW	15 GALLON	1	
	PRUNUS C. 'KRAUTER VESUVIUS'/PURPLE PLUM	MODERATE	15 GALLON	3	
	QUERCUS VIRGINIANA/SOUTHERN LIVE OAK	MODERATE	15 GALLON	4	
	STYPHNOLOBIUM JAPONICUM/JAPANESE PAGODA TREE	LOW	15 GALLON	5	

### SHRUB & GROUND COVER PALETTE

BOTANIC NAME/COMMON NAME	WATER USE	SIZE
ACACIA REDOLENS 'DESERT CARPET'/PROSTRATE ACACIA	LOW	1 GALLON
ARCTOSTAPHYLOS D. 'HOWARD McMINN'/MANZANITA*	LOW	5 GALLON
CHONDRPETALUM TECTORUM/DWF. CAPE RUSH*	LOW	5 GALLON
CISTUS HYBRIDUS/WHITE ROCKROSE	LOW	5 GALLON
CISTUS X. 'SUNSET'/ROCKROSE	LOW	5 GALLON
CALLISTEMON V. 'LITTLE JOHN'/DWF. BOTTLE BRUSH	LOW	5 GALLON
COTONEASTER D. 'LOWFAST'/PROSTRATE COTONEASTER	LOW	1 GALLON
CAREX DIVULSA/EURASIAN GRAY SEDGE*	LOW	1 GALLON
DIETES BICOLOR	LOW	1 GALLON
DIANELLA REVOLUTA 'LITTLE REV'/BLACK FLAX LILY	LOW	1 GALLON
KNIPHOFIA UVARIA 'FLAMENCO'/RED HOT POKER	LOW	1 GALLON
LOMANDRA LONGIFOLIA 'BREEZE'/DWF. MAT RUSH	LOW	1 GALLON
MUHLENBERGIA CAPILLARIS/PURPLE MUHLY GRASS	LOW	1 GALLON
NERIUM O. 'DWARF RED'/PETITE RED OLEANDER	LOW	5 GALLON
NEPETA X. FAASSENII/CATMINT*	LOW	1 GALLON
PRUNUS CAROLINIANA 'BRIGHT-N-TIGHT'/CAROLINA CHERRY	LOW	5 GALLON
ROSA CALIFORNICA/WILD ROSE*	LOW	5 GALLON
SALVIA MICROPHYLLA 'HOT LIPS'/AUTUMN SAGE	LOW	5 GALLON
TULBAGHIA VIOLACEA/SOCIETY GARLIC	LOW	1 GALLON

\* PLANTS PROPOSED FOR BIORETENTION PLANTERS

- SHRUB & GROUND COVER AREA (SEE PALETTE AT RIGHT)
- BIORETENTION PLANTER (SEE PLANTS W/ "\*" IN PALETTE AT RIGHT)
- EXISTING TURF AREA TO BE RESTORED (EXTENT TO BE DETERMINED)

