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SUGGESTED PLANT LIST

SYMBOL	SIZE	QUANTITY	BOTANICAL NAME / COMMON NAME	HEIGHT	SPREAD
TREES:					
	15 GAL.	12	PLATANUS ACERIFOLIA / SYCAMORE	60'	50'
	15 GAL.	7	QUERCUS LOBATA / VALLEY OAK	60'	50'
	15 GAL.	8	PISTACHIA CHINENSIS / CHINESE PISTACHE	40'	40'
	15 GAL.	4	ULMUS PARVIFOLIA DRAKE / CHINESE EVERGREEN ELM	40'	50'
	15 GAL.	17	LAGERSTROEMIA TUSCARORA / RED CRAPE MYRTLE	15'	15'
	15 GAL.	14	CERCIS OCCIDENTALIS / WESTERN REDBUD	15'	15'
	15 GAL.	7	ULMUS X FRONTIER / FRONTIER ELM	400'	300'
	15 GAL.	13	SOPHORA JAPONICA / JAPANESE POGODA TREE	500'	500'

SHRUBS

SIZE	BOTANICAL NAME	COMMON NAME
5 GAL.	OLEA LITTLE OLLIE	DWARF OLIVE
5 GAL.	LAGERSTROEMIA 'PETITE EMBERS'	DWARF RED CRAPE MYRTLE
5 GAL.	NERIUM OLEANDER 'PETITE RED'	DWARF RED OLEANDER
5 GAL.	ESCALLONIA 'TERRI'	COMPACT ESCALLONIA
5 GAL.	BERBERIS THUNBERGII 'ATROPURPUREA'	RED JAPANESE BARBERRY
5 GAL.	PITTOSPORUM TOBIRA 'VARIGATA'	DWARF RED OLEANDER
5 GAL.	ARCTOSTAPHYLOS HOWARD 'MINNINI'	MANZANITA
1 GAL.	SALVIA OFFICINALIS 'MINIMUS'	DWARF GARDEN SAGE
1 GAL.	ERIOGONUM CROCATUM	SAFFRON BUCKWHEAT
1 GAL.	EPILOBIUM CALISTOGA	CALIFORNIA FUCHSIA
1 GAL.	PHLOMIS FRUTICOSA 'DWARD'	JERUSALEM SAGE
1 GAL.	MUHLENBERGIA RIGENS	DEER GRASS
1 GAL.	NABELLA TENUISSIMA	MEXICAN FEATHER GRASS
1 GAL.	DIETES BICOLOR	AFRICAN IRIS

GROUND COVERS

SIZE	BOTANICAL NAME	COMMON NAME
1 GAL.	TEUCRIUM LUCIDRYS	PROSTRATE GERMANDER
1 GAL.	MYOPORUM PARVIFOLIUM 'PINK'	MYOPORUM
1 GAL.	SCAEVOLA 'MALVE CLUSTERS'	FAN FLOWER
1 GAL.	ARCTOSTAPHYLOS UVA URBI	ORNAMENTAL STRAWBERRY
1 GAL.	OENOTHERA SPECIOSA	MEXICAN EVENING PRIMROSE

NOTE THAT ALL PLANTERS ARE TO BE IRRIGATED BY AN AUTOMATIC, LOW VOLUME, IN-LINE DRIP SYSTEM BURIED BELOW GRADE.
ALL PLANTERS WILL BE MULCHED WITH 3" OF AN APPROVED BARK PRODUCT.
THE LANDSCAPE AND IRRIGATION PLANS WILL COMPLY WITH AB 1881 WATER CONSERVATION IN LANDSCAPING ACT.

- BACCHARIS GROUND COVER
- EXISTING LANDSCAPING
- EXISTING WALK
- DOUBLE GATE
- 6" WROUGHT IRON FENCE ON P/L
- BIODETENTION AREA PLANTINGS
SCAEVOLA 'MALVE CLUSTERS'
JUNCUS PATENS
CAREX DIVULSA
- TYPICAL PLANTINGS:
OLEA LITTLE OLLIE
LAGERSTROEMIA 'PETITE EMBERS'
NERIUM OLEANDER 'PETITE RED'
ESCALLONIA 'TERRI'
BERBERIS THUNBERGII 'ATROPURPUREA'
PITTOSPORUM TOBIRA 'VARIGATA'
- DROUGHT TOLERANT PERENNIALS
MYOPORUM PARVIFOLIUM 'PINK'
OENOTHERA SPECIOSA

PARKING LOT SHADING

TREE	DIA.	AREA FULL COVERAGE SQFT.	NUMBER	100% (%)	HALF COVERAGE NUMBER	50% (%)
QUERCUS	30"	708	0	0	5	1766
LAGERSTROEMIA	15"	177	0	0	5	442
ULMUS DRAKE	25"	491	3	1472	1	245
ULMUS FRONTIER	25"	491	0	0	1	245
SUBTOTAL:				1472 SQFT.	2699 SQFT.	
SHADE TOTAL:				4,170 SQFT.		
PARKING LOT AREA:				7,463 SQFT.		
PERCENTAGE COVERAGE:				56%		

MAXIMUM APPLIED WATER ALLOWANCE

MAWA = (ET₀) (0.45) (LA) (0.62)
536,894 GAL/YEAR = 52.2 0.45 36865 0.62

ESTIMATED TOTAL WATER USE

DESCRIPTION	ET ₀	PF	HA	0.62	IE	EWU (IN GALS PER YEAR)
BIODETENTION PLANTINGS	52.2	0.5	3,697	0.62	0.81	72,659
REAR R.O.W. BACCHARIS	52.2	0.3	8,371	0.62	0.81	100,340
ENTRY PLANTERS, ARCTOSTAPHYLOS	52.2	0.3	5,955	0.62	0.81	71,381
BUILDING PLANTERS, SCAEVOLA	52.2	0.5	653	0.62	0.81	13,045
FIDDYMENT STREET, MYOPORUM	52.2	0.4	4,183	0.62	0.81	86,854
MULCHED PLANTINGS	52.2	0.3	14,066	0.62	0.81	188,604
TOTAL:			36,865 SQFT			492,684

TOTAL GALLONS PER YEAR:

ROSEVILLE GAS STATION

FIDDYMENT AND ANGUS RDS.
ROSEVILLE, CA

Scale	1" = 30'-0"	REVISIONS
Date	4/2/19	No. Date
Job No.		
Designed by	J.C.	
Drawn by	J.C.	

PRELIMINARY LANDSCAPE PLAN

Sheet No.