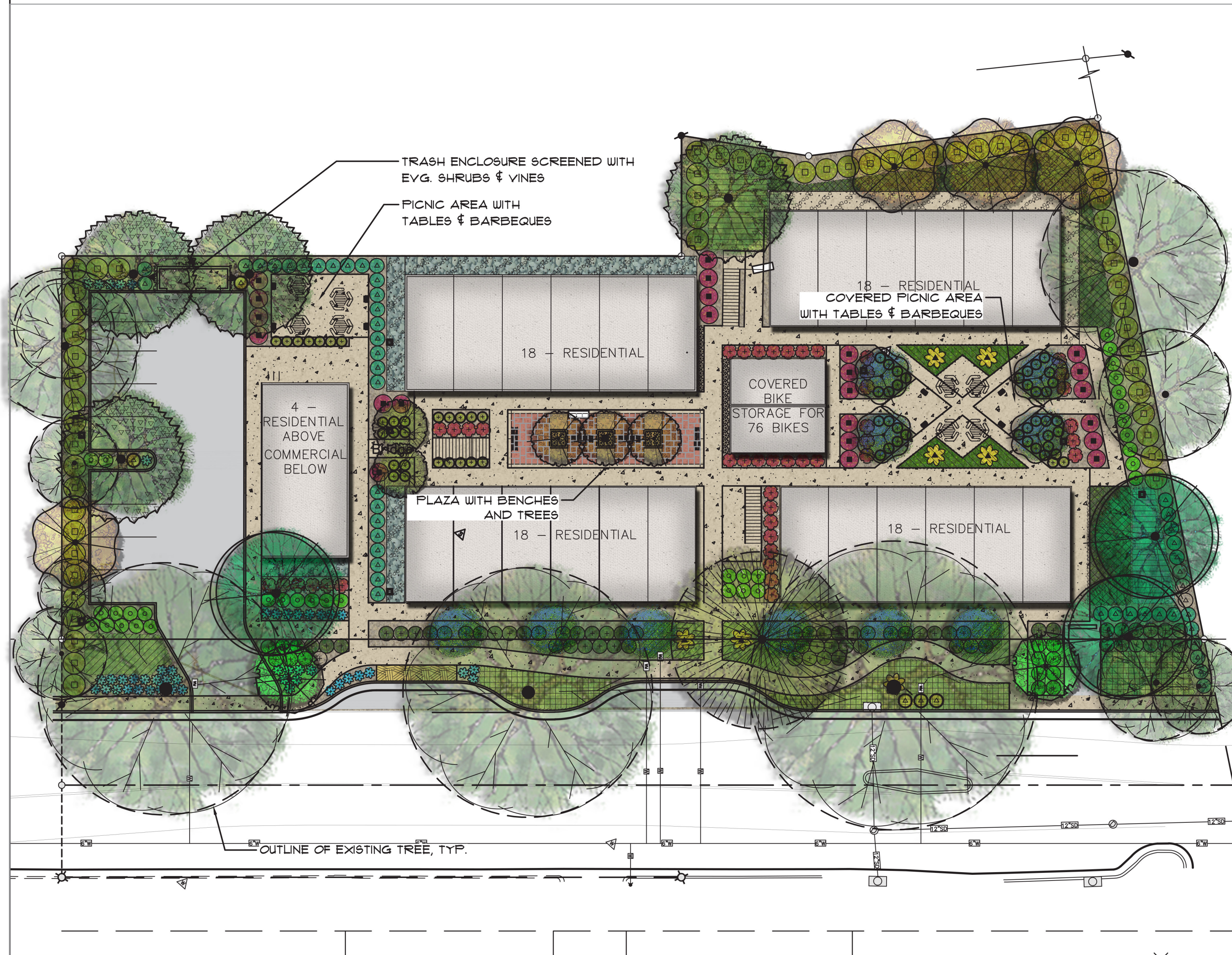


PARKING LOT SHADE CALCULATIONS

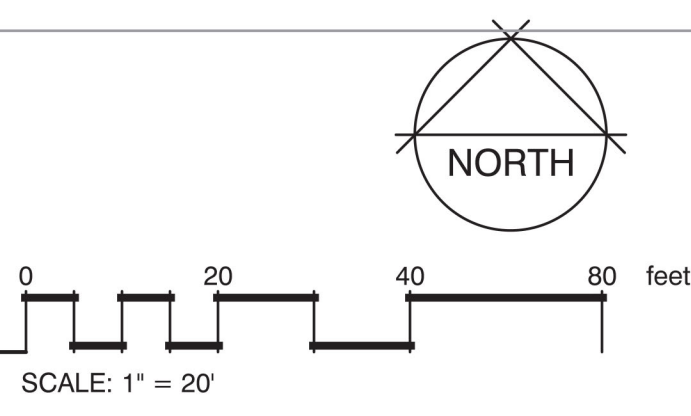
Shade Calculations for The Davis Mixed Use Project								
Botanical Name	Common Name	Quantity	Shade allowed	at 25%	at 50%	at 75%	at 100%	Total
Pistada chinensis 'Keith Davey'	Chinese Pistache	2	962	0	2	0	0	962.00
Quercus suber	Cork Oak	3	962	0	1	1	1	1,443.00
Ulmus x 'Frontier'	Frontier Elm	2	491	0	2	0	0	491.00
Total Shade Allowed		7	0	5	1	1	1	2,896.00
parking lot area to be shaded								4,223.60
50% shade required								2,111.80
% Shade Provided								68.57%

PLANT SCHEDULE

TREES	BOTANICAL NAME	COMMON NAME	SIZE	QTY	
	ACER PALMATUM 'SANGO KAKU'	CORAL BARK MAPLE	15 GAL	2	
	CORNUS KOUSA 'EDDIE'S WHITE WONDER'	KOUSA DOGWOOD	15 GAL	3	
	GINKGO BILOBA 'SARATOGA'	COLUMNAR MAIDENHAIR TREE	15 GAL	4	
	LAGERSTROEMIA INDICA X FAURIEI 'NATCHEZ'	NATCHEZ CRAPE MYRTLE	15 GAL	2	
	PISTACIA CHINENSIS 'KEITH DAVEY'	KEITH DAVEY CHINESE PISTACHE	15 GAL	3	
	QUERCUS SUBER	CORK OAK	15 GAL	4	
	ULMUS X 'FRONTIER'	AMERICAN ELM	15 GAL	4	
SHRUBS	BOTANICAL NAME	COMMON NAME	SIZE	QTY	
	LOROPETALUM CHINENSE RUBRUM 'RAZZLEBERRI'	RAZZLEBERRI FRINGE FLOWER	5 GAL	23	
	NANDINA DOMESTICA 'COMPACTA'	DWARF HEAVENLY BAMBOO	5 GAL	44	
	OLEA EUROPAEA 'LITTLE OLLIE' TM	LITTLE OLLIE OLIVE	5 GAL	61	
	PITTOSPORUM TENUIFOLIUM 'SILVER SHEEN'	SILVER SHEEN TAWHIWI	5 GAL	48	
	RHAPHIOLEPIS INDICA 'BALLERINA'	BALLERINA INDIAN HAWTHORN	5 GAL	34	
	ROSA X 'FLOWER CARPET RED'	ROSE	2 GAL	80	
PERENNIALS	BOTANICAL NAME	COMMON NAME	SIZE	QTY	
	DIETES VEGETA	AFRICAN IRIS	1 GAL	5	
	HEMEROCALLIS X 'STELLA DE ORO'	STELLA DE ORO DAYLILY	1 GAL	34	
	LIRIOPE SPICATA 'SILVER DRAGON'	CREEPING LILY TURF	1 GAL	64	
	PHORMIUM TENAX 'MAORI QUEEN'	NEW ZEALAND FLAX	5 GAL	1	
	TULBAGHIA VIOLACEA 'TRICOLOR'	TRICOLOR SOCIETY GARLIC	1 GAL	48	
VINES	BOTANICAL NAME	COMMON NAME	SIZE	QTY	
	FICUS PUMILA	CREEPING FIG	5 GAL	3	
GROUND COVERS	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	QTY
	COTONEASTER DAMMERI 'LOWFAST'	LOWFAST BEARBERRY COTONEASTER	1 GAL	36" O.C.	140
	LANTANA MONTEVIDENSIS 'SPREADING SUNSET'	YELLOW TRAILING LANTANA	1 GAL	36" O.C.	82
	MYOPORUM PARVIFOLIUM 'BURGUNDY CARPET'	TRAILING MYOPORUM	1 GAL	36" O.C.	125
	ROSMARINUS OFFICINALIS 'PROSTRATUS'	DWARF ROSEMARY	1 GAL	36" O.C.	13
	TRACHELOSPERMUM ASIATICUM	ASIAN JASMINE	1 GAL	24" O.C.	99
MATERIALS	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	QTY
	DECOMPOSED GRANITE	4" DEPTH	---	---	91 SF
	DRAIN ROCK 1 1/2" MINUS	INSTALL OVER LANDSCAPE FABRIC	2" DEPTH	---	1,496 SF



LANDSCAPE PLAN



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**OLIVE DRIVE MIXED USE PROJECT
LANDSCAPE IMPROVEMENT PLANS
OLIVE DRIVE
DAVIS, CALIFORNIA**

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LANDSCAPE PLAN

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