

SHADE CALCULATIONS TABLE

DIA	FULL (F)	T-QTR (T)	HALF (H)	QTR (Q)	TOTAL S.F.
35'	0@462	0@722	0@481	0@240	0
30'	0@706	0@530	3@354	0@177	1,062
25'	0@441	0@368	0@246	0@123	0
20'	0@314	0@236	1@157	0@79	157
TOTAL TREE SHADE:				1,219	
TOTAL AUXILIARY SHADE (COVERED PARKING):				5,001	
TOTAL PAVED AREA:				8,128	
SHADE AREA REQUIRED: 50% (4,064)					
TOTAL SHADE AREA PROVIDED:				6,220	
PERCENT SHADE:				76.5%	

NOTES:
 1. THE PLAN SHOWS ALL PROPOSED TREE LOCATIONS ON THE PROJECT SITE. ONLY THOSE TREES USED IN SHADE CALCULATIONS ARE ANNOTATED WITH DIAMETER COVERAGE AND ARE INCLUDED IN THE SHADE CALCULATIONS TABLE.

PAVED VEHICULAR SURFACE AREA INCLUDED IN CALCULATIONS
 COVERED PARKING AREAS INCLUDED IN CALCULATIONS

KEY NOTE LEGEND

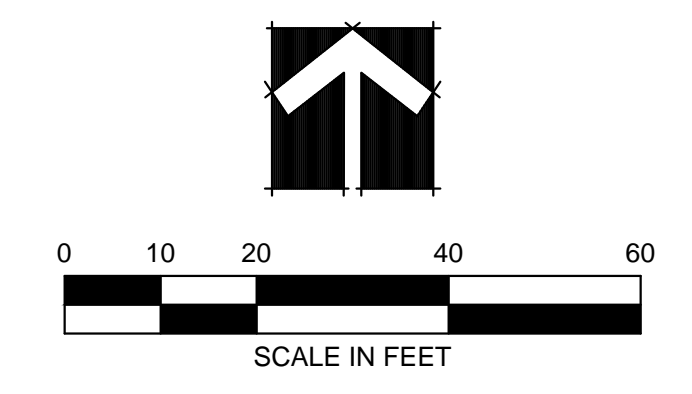
SYMBOL	DESCRIPTION
1	COVERED PARKING
2	UNCOVERED PARKING
3	RETAINING WALL WITH DECORATIVE FENCE, MATERIALS TO BE DETERMINED.
4	NESTING SLIDING FENCE. FINAL LOCATION AND MATERIALS TO BE DETERMINED.
5	STONE SEATWALL
6	STORM WATER PLANTER
7	EXISTING TREE TO REMAIN AND PROTECT IN PLACE
8	ACCENT CONCRETE BAND
9	PLANTING AREA
10	ENHANCED PAVING, MATERIALS AND FINISHES TO BE DETERMINED.
11	ENHANCED CONCRETE, MATERIALS AND FINISHES TO BE DETERMINED.
12	NEW CONCRETE WALK
13	FILTERA PLANTER FOR STORM WATER QUALITY TREATMENT
14	STAMPED ASPHALT
15	BIKE PARKING (14 SPACES)
16	TREE WELL
17	RAISED TREE WELL - 24 INCHES HIGH MINIMUM

TREE LEGEND

TREES	CODE	BOTANICAL NAME	COMMON NAME	CONTAINER SIZE	WATER USE	HxW	QTY
	GEI PAR	GEIJERA PARVIFLORA	AUSTRALIAN WILLOW	15 GAL	M	30'X20'	3
	LAG WHI	LAGERSTROEMIA X 'NATCHEZ'	WHITE GRAPE MYRTLE	15 GAL	L	30'X20'	3
	POD MAC	PODOCARPUS MACROPHYLLUS	YEW PINE	15 GAL	M	35'X15'	5
	QUE WIS	QUERCUS WISLIZENII	INTERIOR LIVE OAK	15 GAL	L	50'X35'	1
	ULM CAR	ULMUS X 'FRONTIER'	AMERICAN ELM	15 GAL	M	40'X30'	4
	ZEL GRE	ZELKOVA SERRATA 'GREEN VASE'	SAWLEAF ZELKOVA	15 GAL	M	55'X30'	3
			EXISTING TREE TO REMAIN AND PROTECT				

PLANTING LEGEND

GROUNDCOVERS	CODE	BOTANICAL NAME	COMMON NAME	CONT	WATER USE	HxW
	CIS BR2	CISTUS X PURPUREUS 'BRILLIANCY'	BRILLIANCY ROCK ROSE	1 GAL	L	2'X6'
	JUN BUF	JUNIPERUS SABINA 'BUFFALO'	BUFFALO JUNIPER	1 GAL	L	1'X6'
	LAN PU2	LANTANA MONTEVIDENSIS 'PURPLE'	TRAILING LANTANA	1 GAL	L	2'X4'
	CAL DW4	GALLISTEMON VIMINALIS 'LITTLE JOHN'	DWARF KEEPING BOTTLEBRUSH	5 GAL	L	3'X4'
	DIE VEG	DIETES VEGETA	AFRICAN IRIS	1 GAL	L	3'X3'
	NER LIT	NERIUM OLEANDER 'LITTLE RED'	LITTLE RED OLEANDER	5 GAL	L	4'X4'
	RHA JAC	RHAPHIOLEPIS INDICA 'JACK EVANS'	INDIAN HAWTHORN	1 GAL	L	4'X4'
	SAL BAR	SALVIA LEUCANTHA 'SANTA BARBARA'	MEXICAN BUSH SAGE	5 GAL	L	3'X4'
	YUC GOL	YUCCA FILAMENTOSA 'COLOR GUARD'	ADAM'S NEEDLE	1 GAL	L	4'X4'
	FES EL2	FESTUCA GLAUCA 'ELIJAH BLUE'	BLUE FESCUE	1 GAL	L	1'X1'
	FES SIS	FESTUCA IDAHOENSIS 'SISKIYOU BLUE'	SISKIYOU BLUE FESCUE	1 GAL	L	2'X2'
	CAR PRA	CAREX PRAEGRACILIS	SLENDER SEDGE	1 GAL	L-H	6'X2'
	JUN PAT	JUNCUS PATENS	CALIFORNIA GRAY RUSH	1 GAL	L-M	2'X2'
	CAL KAR	CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER'	FEATHER REED GRASS	1 GAL	L	4'X3'
	MUH RIG	MUHLENBERGIA RIGENS	DEER GRASS	5 GAL	L	4'X4'



DATE SIGNED:
 THESE DRAWINGS ARE NOT CONSIDERED FINAL UNTIL THE LANDSCAPE ARCHITECT'S SEAL BELOW HAS BEEN SIGNED AND DATED.

PRELIMINARY

LICENSED LANDSCAPE ARCHITECT
 MICHAEL G. ENGLEMAN, PLS
 Signature: [Signature]
 7-31-16
 Renewal Date: [Blank]
 STATE OF CALIFORNIA

DESIGNED BY: OG
 DRAWN BY: OG
 CHECKED BY: ME
 SCALE: 1" = 20'

APPROVED BY: [Signature]

REVISIONS:

NO.	DATE	REVISIONS

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901 THIRD STREET MIXED USE PRELIMINARY LAYOUT PLAN

CALIFORNIA

DAVIS

SHEET **L1** OF [Blank]

DATE: 09/01/16

JOB NO: 1444.02