

SHADE CALCULATIONS TABLE

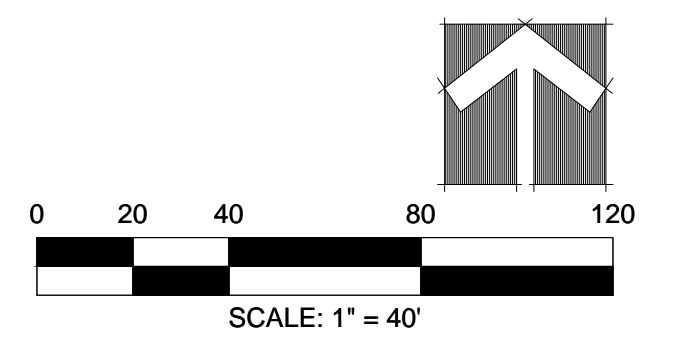
DIA	FULL (F)	T-QTR (T)	HALF (H)	QTR (Q)	TOTAL SF
35'	90962 0658	156122 4306	550481 15275	70240 1600	55541 SF
30'	08106 0	10550 590	50554 1770	60177 1062	3362 SF
25'	08441 0	08568 0	08246 0	08123 0	0
20'	08314 0	08236 0	08157 0	0814 0	0
TOTAL TREE SHADE:					30,954 SF
TOTAL AUXILIARY SHADE:					4,015 SF
TOTAL PAVED AREA TO BE SHADED:					85,795 SF
SHADE AREA REQUIRED-30%:					43,712 SF
TOTAL SHADE AREA PROVIDED:					43,712 SF
PERCENT SHADE:					51%

NOTES:  
1. THE PLAN SHOWS ALL EXISTING AND 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

TREE LEGEND

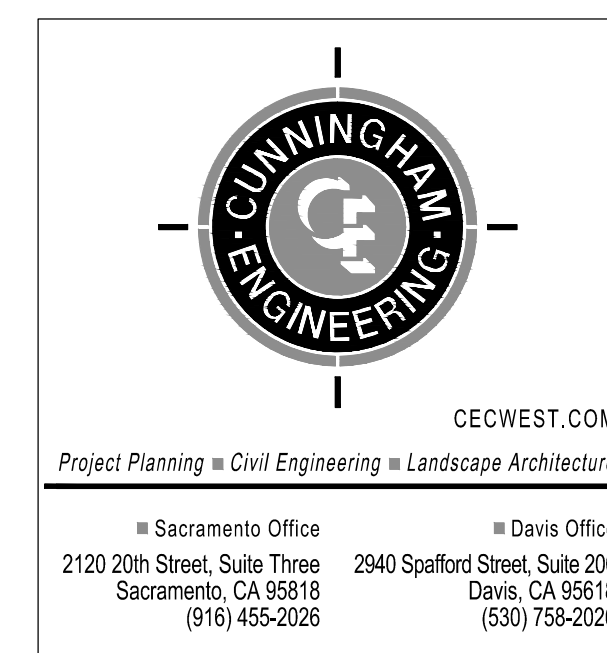
TREES	CODE	BOTANICAL NAME	COMMON NAME	CONTAINER SIZE	WATER USE	HxW
	ACE AU2	ACER FREEMANII 'AUTUMN BLAZE'	AUTUMN BLAZE MAPLE	24' BOX	M	50'X30'
	GIN BIL	GINKGO BILOBA 'AUTUMN GOLD'	MAIDENHAIR TREE	24' BOX	M	45'X30'
	LAG TH1	LASERSTROEMIA INDICA 'TWILIGHT'	TWILIGHT GREPE MYRTLE	24' BOX	L	20'X15'
	PIS KE2	PISTACIA CHINENSIS 'KEITH DAVEY'	KEITH DAVEY CHINESE PISTACHE	24' BOX	L	50'X30'
	QUE LOB	QUERCUS LOBATA	VALLEY OAK	24' BOX	L	70'X35'
	QUE SUB	QUERCUS SUBER	CORK OAK	24' BOX	L	60'X35'
	ZEL SER	ZELKOVA SERRATA 'GREEN VASE'	SANLEAF ZELKOVA	24' BOX	M	70'X35'



# Lincoln40 Project

## Davis Student Housing

Davis, CA



### PARKING LOT SHADE PLAN

DATE: 2/22/17  
PROJECT NO: 1212-0001  
SCALE: 1" = 40'  
SHEET: L1.06



# LPAS

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