

PLANTING LEGEND

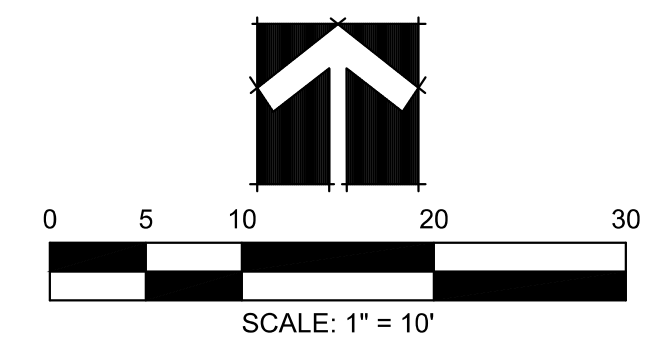
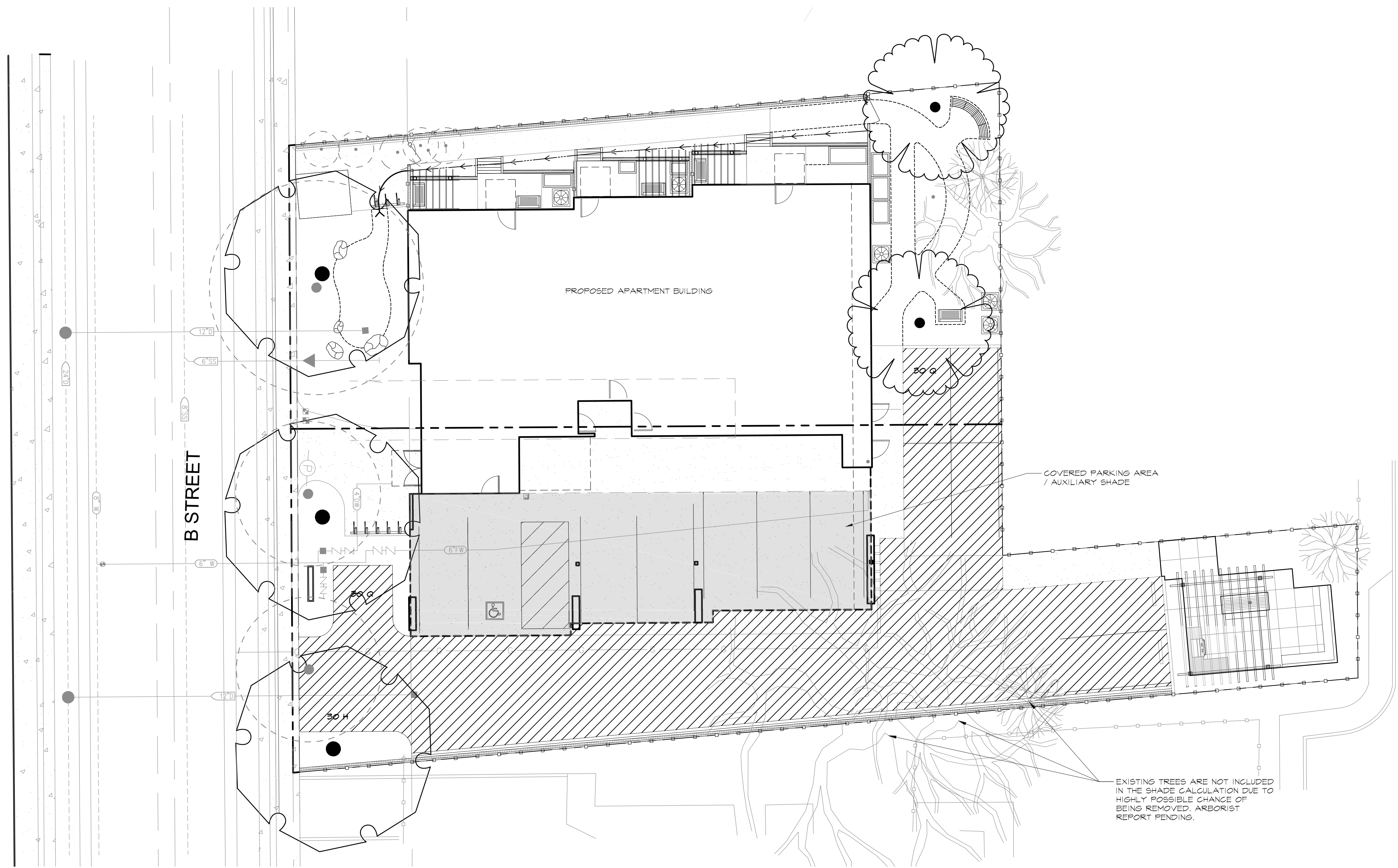
TREES	CODE	BOTANICAL NAME	COMMON NAME	CONTAINER SIZE	WATER USE	HXX	QTY
	COR CON	CORNUS CONTROVERSA	GIANT DOGWOOD	15 GAL	M	30'X25'	2
	KOE BIP	KOELREUTERIA BIPINNATA	CHINESE FLAME TREE	15 GAL	M	35'X35'	3

SHADE CALCULATIONS TABLE

DIA	FULL (F)	T-QTR (T)	HALF (H)	QTR (Q)	TOTAL SF
35'	0@462 0	0@122 0	0@481 0	0@240 0	0
30'	0@706 0	0@550 0	1@354 354	2@177 354	708 SF
25'	0@441 0	0@368 0	0@246 0	0@123 0	0
20'	0@314 0	0@236 0	0@157 0	0@79 0	0
TOTAL TREE SHADE:					708 SF
TOTAL AUXILIARY SHADE:					1,710 SF
TOTAL PAVED AREA TO BE SHADED:					3,526 SF
SHADE AREA REQUIRED-50%:					1,763 SF
TOTAL SHADE AREA PROVIDED:					2,418 SF
PERCENT SHADE:					60.3%

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



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SCALE: 1" = 10'

NO. DATE REVISIONS BY APPD.

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CUNNINGHAM ENGINEERS

**820 AND 822 B STREET
PRELIMINARY LANDSCAPE
SHADE PLAN**

CALIFORNIA

DAVIS

SHEET **3** OF

DATE: 12/14/16

JOB NO: 1585.02

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