

CHILES ROAD

LA VIDA WAY

HOTEL/RETAIL

PRESCHOOL

APARTMENTS

PLANTING LEGEND

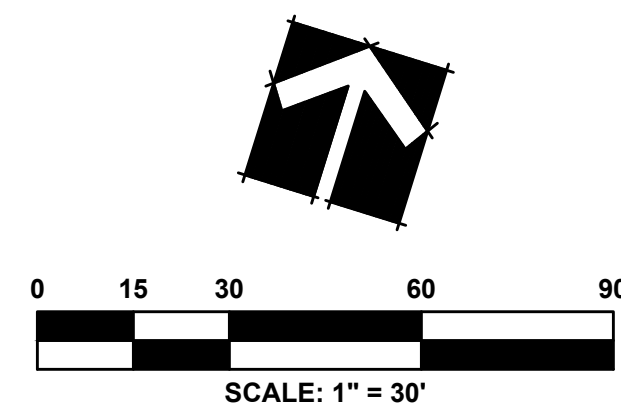
TREES	CODE	BOTANICAL NAME	COMMON NAME	CONTAINER SIZE	WATER USE	HxW	QTY
	ACE RES	ACER RUBRUM	RED MAPLE	15 GAL	M	45'x30'	14
	CHI RET	CHIONANTHUS RETUSUS	CHINESE FRINGE TREE	15 GAL	M	25'x25'	14
	CIT OWA	CITRUS RETICULATA 'OWARI'	'OWARI' SATSUMA MANDARIN ORANGE	15 GAL	M	15'x15'	2
	CIT IMP	CITRUS X LIMON 'IMPROVED MEYER'	MEYER LEMON	15 GAL	M	15'x15'	2
	EXI T38	EXISTING TREE	TO REMAIN	15 GAL			2
	LAS TWI	LAGERSTROEMIA INDICA 'TWILIGHT'	TWILIGHT CREPE MYRTLE	15 GAL	L	20'x20'	6
	OLE MAJ	OLEA EUROPAEA 'MAJESTIC BEAUTY' TM	MAJESTIC BEAUTY FRUITLESS OLIVE	15 GAL	L	25'x25'	15
	PIS KE2	PISTACIA CHINENSIS 'KEITH DAVEY'	KEITH DAVEY CHINESE PISTACHE	15 GAL	L	50'x30'	15
	QUE LOB	QUERCUS LOBATA	VALLEY OAK	15 GAL	L	70'x35'	6
	ZEL SER	ZELKOVA SERRATA 'GREEN VASE'	SAWLEAF ZELKOVA	15 GAL	M	70'x35'	46

SHADE CALCULATIONS TABLE

DIA	FULL (F)	T-QTR (T)	HALF (H)	QTR (Q)	TOTAL S.F.
35'	28962 1924	238722 16606	118491 5291	08240 0	23,821
30'	08106 0	08530 0	08354 0	08177 0	0
25'	08491 0	08368 0	08246 0	08123 0	0
20'	08314 0	08236 0	28157 314	0871 0	314
TOTAL TREE SHADE:					24,135 SF
TOTAL AUXILIARY SHADE:					28,498 SF
TOTAL PAVED AREA TO BE SHADED:					102,582 SF
SHADE AREA REQUIRED-50%:					51,291 SF
TOTAL SHADE AREA PROVIDED:					52,633 SF
PERCENT SHADE:					51%

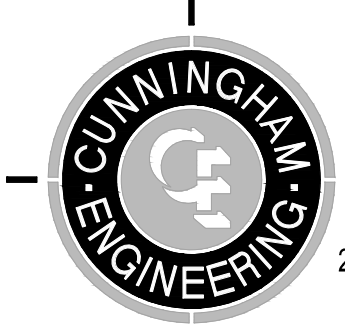
NOTES:
1. THE PLAN SHOWS ALL EXISTING AND PROPOSED TREE LOCATIONS ON THE PROJECT SITE. ONLY THOSE TREES USED IN SHADE CALCULATIONS ARE ANNOTATED WITH DIAMETER COVERAGE AND ARE INCLUDED IN THE SHADE CALCULATIONS TABLE.

PAVED VEHICULAR SURFACE AREA INCLUDED IN CALCULATIONS NON COVERED.
 COVERED PARKING/PAVED VEHICULAR SURFACE AREA INCLUDED IN CALCULATIONS.



DESIGNED BY BK
DRAWN BY BK
CHECKED BY ME
SCALE
1" = 30'

3820 CHILES ROAD
LANDSCAPE SHADE CALCULATIONS PLAN



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NO.	DATE	REVISIONS	BY	APPD.	SHEET
					L4 OF
					DATE: 11/20/2018
					JOB NO: 1579.02