

SHADE STUDY CALCULATIONS
 City of Roseville 6.15.2023
 PROJECT: CONFERENCECENTER HOTELS ROSEVILLE

STANDARD STALLS	218	58,860
TOTAL PAVED PARKING AREA:		58,860
TOTAL SHADE REQUIRED:	50%	29,430
TOTAL SHADE PROVIDED:		44,088
TOTAL SHADE PERCENTAGE		75%

SYMBOL	PATTERN	QTY.	UNIT IN	S.F.	TOTAL S.F.
30 TO 35' TREES					
Magnolia Grandiflora, Pistacia chinensis, Quercus ilex	35-F	27	X	961	25,947
	35-H	3	X	481	1,443
	35-Q	0	X	240	0
25' TO 30' TREES					
Pinus canariensis, Pyrus calleryana	30-F	14	X	707	9,898
'Bradford', Tilia tomentosa 'Sterling', Ulmus propinqua 'Jfs-Bieberich'	30-H	12	X	354	4,248
	30-Q	2	X	177	354
15' TO 20' TREES					
Lagerstroemia x fauereri 'Arapahoe', Zelkova serrata 'Musashino'	20-F	1	X	314	314
	20-H	12	X	157	1,884
	20-Q	0	X	79	0
TOTAL					44,088

CONCEPT PLANT SCHEDULE

PARKING LOT SHADE PISTACIA CHINENSIS 'KEITH DAVEY' / KEITH DAVEY CHINESE PISTACHE	14
PARKING LOT SHADE-EVERGREEN QUERCUS ILEX / HOLLY OAK	16
EVERGREEN CONIFER PINUS CANARIENSIS / CANARY ISLAND PINE	10
SUBORDINATE TREE TILIA TOMENTOSA 'STERLING' / STERLING SILVER LINDEN ULMUS PROPINQUA 'JFS-BIEBERICH' / EMERALD SUNSHINE* ELM	27
STREET TREE PYRUS CALLERYANA 'BRADFORD' / BRADFORD CALLERY PEAR	29
ACCENT TREE LAGERSTROEMIA INDICA X FAURERII 'ARAPAHOE' / RED CRAPE MYRTLE ZELKOVA SERRATA 'MUSASHINO' / MUSASHINO JAPANESE ZELKOVA	42
EVERGREEN CONIFER-SMALL VERTICAL ACCENT CLIPRESSUS SEMPERVIRENS 'TOTEM' / TOTEM ITALIAN CYPRESS JUNIPERUS SCOPULORUM 'SKYROCKET' / SKYROCKET JUNIPER JUNIPERUS SCOPULORUM 'WICHITA BLUE' / WICHITA BLUE JUNIPER	30
SPECIMEN TREE MAGNOLIA GRANDIFLORA / SOUTHERN MAGNOLIA	1

mp
MORTON & PITALO, INC.
 CIVIL ENGINEERING • LAND PLANNING • LAND SURVEYING
 400 Coolidge Drive, Suite 140 • Folsom, CA 95630
 phone: 916.984.7621 • fax: 916.984.9617
 web: www.mpanig.com

FUHRMAN LEAMY
LAND GROUP
 DESIGN • SERVICE • SOLUTIONS
 9140 PROFESSIONAL DRIVE, SUITE 115 ROSEVILLE, CA 95661
 (916) 783-5263 info@fllandgroup.com

APPROVALS

NO.	DATE	DESCRIPTION

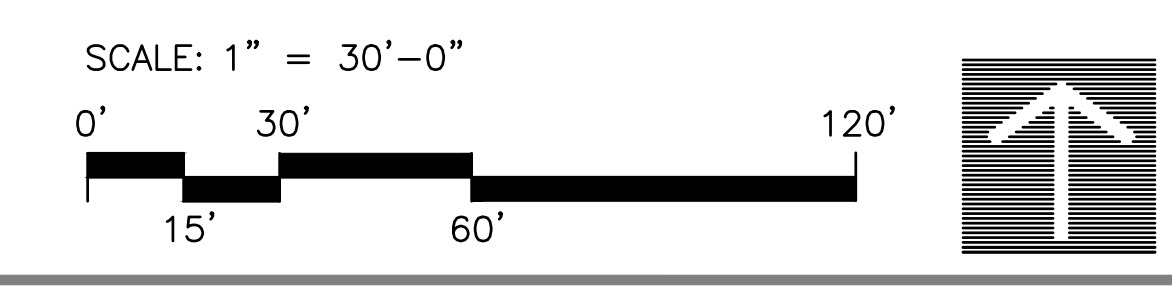
REVISIONS
 BENCH MARK

COMPUTED BY _____
 DESIGNED BY _____ SCF
 DRAWN BY _____ ACM
 PROJECT ENGINEER _____
 PROJECT _____

ROSEVILLE
CONFERENCE
CENTER HOTELS

ROSEVILLE, CA
 DRAWING
PL2
PRELIMINARY LANDSCAPE
SHADE CALCULATIONS

DATE	SHEET
6.15.2023	2
SCALE	OF
1" = 30'	2
JOB NUMBER	OF
MAA.22058	2



City of Roseville Approval

NOT FOR CONSTRUCTION