











CONCEPT PLANT SCHEDULE ACTIVITY AND WELLNESS CENTER

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LARGE TREES - 15 GALLON SIZE
 LARGE STATEMENT TREES THAT PROVIDE SHADE. TREES SHALL BE ABOUT 35' IN WIDTH AT MATURITY.
 QUERCUS BUCKLEYI / BUCKLEY OAK 15 GAL, L, 40' X40'
 ZELKOVA SERRATA 'GREEN VASE' / GREEN VASE SAWLEAF ZELKOVA 15 GAL, M, 60' X40'
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ORNAMENTAL TREES - 15 GALLON SIZE
 COMPACT TREES VALUED FOR THEIR FLOWER AND/OR FOLIAGE COLOR. TREES SHALL BE ABOUT 25' IN HEIGHT AND WIDTH AT MATURITY.
 ACER TRUNCATUM X PLATANOIDES 'WARRIRED' TM / PACIFIC SUNSET MAPLE 15 GAL, M, 30' X30'
 CERIS CANADENSIS / EASTERN REDBUD 15 GAL, M, 25' X25'
 CERIS OCCIDENTALIS / WESTERN REDBUD 15 GAL, L, 10' X10'
 KOELREUTERA BIPINNATA / CHINESE FLAME TREE 15 GAL, L, 40' X30'
 LAGERSTROEMIA X 'NATCHEZ' / CRAPE MYRTLE 15 GAL, L, 20' X20'
 ULMUS X 'FRONTIER' / FRONTIER HYBRID ELM 15 GAL, M, 40' X30'
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LARGE SHRUBS - 5 GALLON SIZE
 LOW WATER USE SHRUB TO BE 6'-8' TALL AND WIDE TO PROVIDE SCREENING AND BACKGROUND THROUGHOUT THE PROJECT SITE.
 CALLISTEMON RUGULOSUS 'VIOLETACEUS' / PURPLE BOTTLEBRUSH 5 GAL, L, 6' X6'
 CARPENTERIA CALIFORNICA 'ELIZABETH' / BUSH ANEMONE 5 GAL, L, 5' X3'
 CEANOTHUS X 'RAY HARTMAN' / RAY HARTMAN WILD LILAC 5 GAL, L, 10' X10'
 HETEROMELES ARBUTIFOLIA / TOWN 5 GAL, L, 6' X6'
 ROSA CALIFORNICA / CALIFORNIA WILD ROSE 5 GAL, L, 8' X8'
 SYRINGA LACINIATA / CUTLEAF LILAC 5 GAL, L, 6' X6'
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MEDIUM SHRUBS - 5 GALLON SIZE
 LOW WATER USE SHRUB TO BE 4'-5' TALL AND WIDE.
 CEANOTHUS X 'CONCHIA' / CALIFORNIA LILAC 5 GAL, L, 6' X6'
 GALVEZIA SPECIOSA 'FIRECRACKER' / BUSH SNAPDRAGON 1 GAL, L, 3' X4'
 LEUCOPHYLLUM LANGMANIAE 'LYNN'S LEGACY' / LYNN'S LEGACY LANGMAN'S SAGE 5 GAL, L, 5' X5'
 MAHONIA AQUIFOLIUM 'COMPACTA' / COMPACT OREGON GRAPE 5 GAL, L, 3' X3'
 MIMULUS AURANTIACUS / STICKY MONKEY FLOWER 1 GAL, L, 4' X4'
 MYRTUS COMMUNIS 'COMPACTA' / DWARF MYRTLE 5 GAL, L, 4' X4'
 RHAMNUS CALIFORNICA 'EVE CASE' / CALIFORNIA COFFEEBERRY 5 GAL, L, 4' X4'
 SALVIA CLEVELANDI 'WILFRED GILLMAN' / CLEVELAND SAGE 1 GAL, L, 4' X4'
 SYMPHORICARPOS ALBUS / COMMON WHITE SNOWBERRY 5 GAL, L, 4' X6'
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ORNAMENTAL GRASSES - 1 GALLON SIZE
 LOW WATER USE ORNAMENTAL GRASS TO BE 2'-3' TALL AND WIDE TO PROVIDE TEXTURE AND ACCENT THROUGHOUT THE SITE.
 MUHLBERGIA CAPILLARIS / PINK MUHLY 1 GAL, L, 3' X4'
 MUHLBERGIA RIGENS / DEER GRASS 1 GAL, L, 4' X4'
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SMALL SHRUBS - 1 GALLON SIZE
 LOW WATER USE SHRUB TO BE 2'-3' TALL AND WIDE TO PROVIDE COLOR AND ACCENT THROUGHOUT THE SITE.
 CEANOTHUS MARITIMUS 'VALLEY VIOLET' / MARITIME CEANOTHUS 1 GAL, L, 2' X4'
 HESPERALOE PARVIFLORA 'BRACELIGHTS' TM / BRACELIGHTS RED YUCCA 1 GAL, L, 2' X2'
 LAVANDULA STOECHAS 'OTTO QUAST' / SPANISH LAVENDER 1 GAL, L, 2' X3'
 PENSTEMON HETEROPHYLLUS 'MARGARITA BOP' / BEARD TONGUE 1 GAL, L, 2' X3'
 SALVIA X 'DARA'S CHOICE' / DARA'S CHOICE SAGE 1 GAL, L, 2' X3'
 VERBENA CANADENSIS 'HOMESTEAD PURPLE' / HOMESTEAD PURPLE VERBENA 1 GAL, L, 12' X18"
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VINES - 5 GALLON SIZE
 PLANTED ON OVERHEAD TRELLIS STRUCTURE.
 HARDENBERGIA VIOACEA / LILAC VINE 5 GAL, 12' X6'
 LONICERA HISPIDULA / HONEYSUCKLE 1 GAL, L, 1' X5'
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TURF
 SOG TO BE PLACED IN COMMUNITY GATHERING AREA.

PARKING LOT SHADE CALCULATION, CITY OF DAVIS - 03/05/2021

Botanical Name/ Common Name	Tree Diameter	Quantity @ 100% Shade/	Quantity @ 75% Shade/	Quantity @ 50% Shade/	Quantity @ 25% Shade/	Total (sq. ft.)
Zelkova serrata 'Green Vase'	35'	5 @ 962	10 @ 722	7 @ 481	3 @ 240	16117
Ulmus x 'Frontier'	30'	0 @ 707	1 @ 530	6 @ 354	6 @ 177	3716
Acer Buergerianum	25'	0 @ 491	0 @ 368	0 @ 246	1 @ 123	123
TOTAL TREE SHADE=						19956
TOTAL PAVED AREA=						40,287
PERCENT SHADE =						50%

COMMUNITY GATHERING AREA PROGRAMMING:

- ART NODE IN A RAISED PLANTER TO TIE INTO THE OTHER NINE OVERALL SITE ART NODES.
- SMALL INFORMAL TURF AREA.
- FOUR BENCHES FOR RESTING AND STUDYING THE ART.
- PARKING FOR FOUR BIKES.
- OVERHEAD TRELLIS STRUCTURE USED THROUGHOUT THE SITE LEADING TO THE ACTIVITY AND WELLNESS CENTER.

**BRETTON WOODS
ACTIVITY & WELLNESS CENTER CONCEPTUAL LANDSCAPE PLAN**

