

**PROPOSED PLANT PALETTE**

TREES	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE / FORM	INSTALL SIZE	WATER USE	DESCRIPTION	MATURE SIZE (AT 15 YEARS)
		CINNAMOMUM CAMPHORA	CAMPHOR	24" BOX STD.	8'H X 4'W X 1-1/4" CAL.	M	CALIFORNIA STREET TREE	22'H X 20'W X 4" CAL.
		CUPANOPSIS ANACARDIODES	CARROTWOOD	24" BOX STD.	6'H X 3'W X 1-1/4" CAL.	M	LUGONIA STREET TREE	24'H X 20'W X 4" CAL.
		ULMUS PARVIFOLIA 'TRUE GREEN' - OR - TIJUANA TIJU	TRUE GREEN CHINESE ELM - OR - TIJUANA TIJU	36" BOX STD.	10'H X 5'W X 2" CAL.	M	CANOPY SHADE TREE	25'H X 25'W X 4" CAL.
		LAGERSTROEMIA INDICA 'PURPLE TOWER'	PURPLE TOWER CREPE MYRTLE	24" BOX STD.	6'H X 3'W X 1-1/4" CAL.	L	SMALL DECIDUOUS ACCENT	14'H X 12'W X 3" CAL.
		LOPHOSTEMON CONFERTUS	BRISBANE BOX	24" BOX STD.	8'H X 3'W X 1-1/4" CAL.	M	PERIMETER EDGE	25'H X 10'W X 4" CAL.
		OLEA EUROPEA 'WILSONII'	WILSON FRUITLESS OLIVE	36" BOX MULTI	8'H X 5'W X (3) 1.5" CAL.	L	EVERGREEN MULTI TRUNK FOCAL TREE	20'H X 24'W X (3) 3" CAL.
		PLATANUS RACEMOSA	CALIFORNIA SYCAMORE	24" BOX LOW BRCH	8'H X 3'W X 1-1/4" CAL.	M	CONIFEROUS SCREEN	25'H X 18'W X 4" CAL.
		QUERCUS AGRIFOLIA	COAST LIVE OAK	24" BOX STD.	6'H X 3'W X 1-1/4" CAL.	L	EVERGREEN CANOPY	24'H X 20'W X 4" CAL.
		RHUS LANCEA	AFRICAN SUMAC	24" BOX STD.	6'H X 3'W X 1-1/4" CAL.	L	PARKING AREA SHADE CANOPY	20'H X 24'W X 4" CAL.
		WASHINGTONIA ROBUSTA	CALIFORNIA FAN PALM	24" BTH	24'H X 8'W X 18" CAL.	L	CALIFORNIA STREET SKYLINE PALM	35'H X 8'W X 30" CAL.

\*REFER TO SHEET L2.01 FOR FULL PLANT SCHEDULE

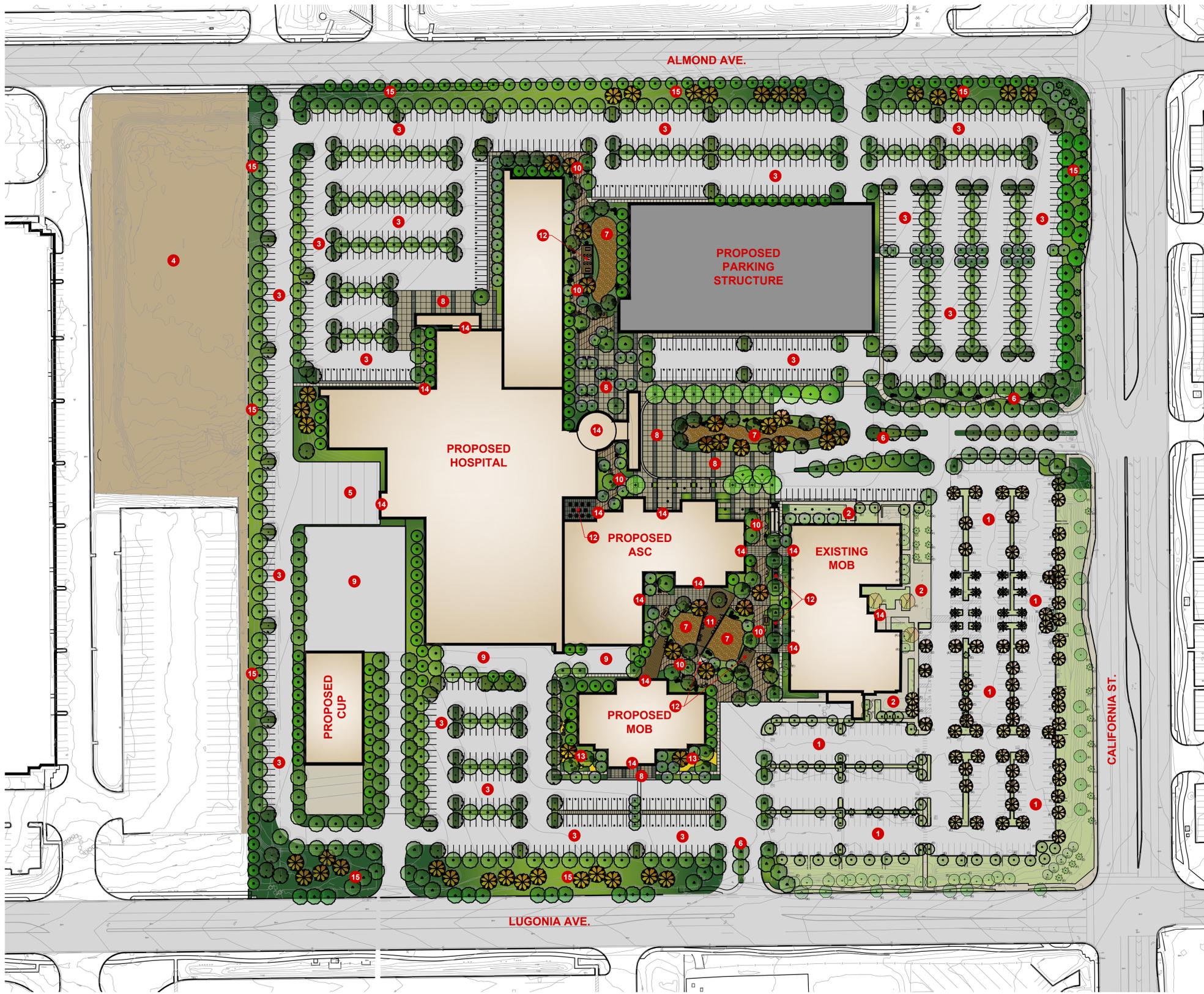
**TREE CALCULATIONS**

<p><b>EXISTING PARKING LOT</b></p> <ul style="list-style-type: none"> <li>- TOTAL TREES - 148 TREES</li> <li>- EVERGREEN TREES - 24 TREES (16.22%)</li> <li>- DECIDUOUS TREES - 124 TREES (83.78%)</li> </ul>	<p><b>TOTAL PARKING AREA (PHASE 3)</b></p> <ul style="list-style-type: none"> <li>- TOTAL TREES - 517 TREES</li> <li>- EVERGREEN TREES - 367 TREES (70.99%)</li> <li>- DECIDUOUS TREES - 150 TREES (29.01%)</li> </ul>
<p><b>PROPOSED PARKING LOT (PHASE 3)</b></p> <ul style="list-style-type: none"> <li>- TOTAL TREES - 369 TREES</li> <li>- EVERGREEN TREES - 343 TREES (92.95%)</li> <li>- DECIDUOUS TREES - 26 TREES (7.05%)</li> </ul>	<p><b>TOTAL LANDSCAPE AREA (PHASE 3)</b></p> <ul style="list-style-type: none"> <li>- TOTAL TREES - 1,065 TREES</li> <li>- EVERGREEN TREES - 727 TREES (68.26%)</li> <li>- DECIDUOUS TREES - 338 TREES (31.74%)</li> </ul>

**LEGEND**

- 1** EXISTING PARKING LOT AND PARKING LOT LANDSCAPE
- 2** EXISTING BUILDING HARDSCAPE / LANDSCAPE
- 3** PROPOSED PARKING LOT AND PARKING LOT LANDSCAPE
- 4** EXISTING FALLOW LOT
- 5** AMBULANCE DROP OFF
- 6** UPDATED ENTRY AND ENTRY LANDSCAPE
- 7** DETENTION BASIN - DECORATIVE DRY STREAM BED WITH BOULDERS AND PLANTING
- 8** DROP OFF AREA WITH DECORATIVE VEHICULAR AND PEDESTRIAN PAVING
- 9** LOADING DOCK / SERVICE AREA
- 10** PEDESTRIAN PROMENADE WITH SEATING / DINING OPPORTUNITIES
- 11** FOCAL BRIDGE ELEMENT OVER BASIN
- 12** DECORATIVE SEATING / DINING AREA
- 13** DECOMPOSED GRANITE TRAILS WITH SEATING / DINING OPPORTUNITIES AND PRAIRIE GRASS FIELDS
- 14** BUILDING ENTRY
- 15** STREET / PERIMETER LANDSCAPE





**PROPOSED PLANT PALETTE**

TREES	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE / FORM
		CINNAMONUM CAMPHORA	CAMPHOR	24" BOX STD.
		CUPANIOPSIS ANACARDIODES	CARROTWOOD	24" BOX STD.
		ULMUS PARVIFOLIA 'TRUE GREEN' - OR - TIPUANA TIPU	TRUE GREEN CHINESE ELM - OR - TIPU TREE	36" BOX STD.
		LAGERSTROEMIA INDICA 'PURPLE TOWER'	PURPLE TOWER CREPE MYRTLE	24" BOX STD.
		LOPHOSTEMON CONFERTUS	BRISBANE BOX	24" BOX STD.

**PROPOSED PLANT PALETTE**

TREES	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE / FORM
		OLEA EUROPEA 'WILSONII'	WILSON FRUITLESS OLIVE	36" BOX MULTI
		PLATANUS RACEMOSA	CALIFORNIA SYCAMORE	24" BOX LOW BRCH
		QUERCUS AGRIFOLIA	COAST LIVE OAK	24" BOX STD.
		RHUS LANCEA	AFRICAN SUMAC	24" BOX STD.
		WASHINGTONIA ROBUSTA	CALIFORNIA FAN PALM	24" BTH

\*REFER TO SHEET L2.01 FOR FULL PLANT SCHEDULE

**Appendix A Water Efficient Landscape Worksheet**

Reference	Evapotranspiration (ET <sub>L</sub> )	55.6	Project Type	Non-Residential	0.45	Estimated Total Water Use (ETWU) <sup>1</sup>	
1- Shrub Drip (LOW)	0.2	Drip	0.81	0.25	248666	61399	2116547
2- Shrub Drip (MOD)	0.5	Drip	0.81	0.62	188005	116052	4000561
2- Tree Bubblers (LOW)	0.3	Bubbler	0.73	0.41	3360	0	0
3- Tree Bubblers (MOD)	0.5	Bubbler	0.73	0.68	3360	2301	79333
<b>Totals</b>					<b>440031</b>	<b>179753</b>	<b>6196440</b>
<b>Special Landscape Areas</b>							
SLA-1					1	0	0
<b>Totals</b>							
						<b>ETWU Total*</b>	<b>6,196,440.3</b>
							<b>6,825,936.9</b>
						<b>MAWA - EAWA=</b>	<b>86,616.6</b>

\*Hydrozone# / Planting Description e.g. 1) Front lawn 2) Low water use planting 3) Medium water use planting  
 \*Irrigation Method 1) Overhead Spray 2) Drip  
 \*Irrigation Efficiency (IE) 0.81 for Overhead Spray 0.81 for Drip  
 \*ETWU (Annual Gallons Required) = Eto x 0.62 x ETAF x Area Where 0.62 is a conversion factor to change acre-inches per acre per year to gallons per square foot per year.

\*MAWA (Annual Gallons Allowed) = (Eto) (0.62) (ETAF x LA) + (I) (ETAF x SLA)  
 Where 0.62 is a conversion factor to change acre-inches per acre per year to gallons per square foot per year; LA is the total regular landscape area in square feet; SLA is the total special landscape area in square feet; and ETAF is 0.55 for residential areas and 0.45 for non-residential areas.

**ETAF Calculations**

Regular Landscape Areas	ETAF
Total ETAF x Area	179753
Total Area	440031
Average ETAF	0.41

Average ETAF for Regular Landscape Areas must be 0.55 or below for residential areas, and 0.45 or below for non-residential areas.

**All Landscape Areas**

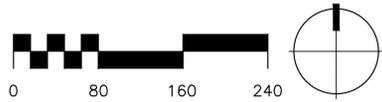
Regular Landscape Areas	Special Landscape Areas	Total
Total ETAF x Area	179753	(B+D)
Total Area	440031	(A+C)
Average ETAF	0.41	(B+D) ÷ (A+C)

**LEGEND**

- 1 EXISTING PARKING LOT AND PARKING LOT LANDSCAPE
- 2 EXISTING BUILDING HARDSCAPE / LANDSCAPE
- 3 PROPOSED PARKING LOT AND PARKING LOT LANDSCAPE
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- 14 BUILDING ENTRY
- 15 STREET / PERIMETER LANDSCAPE

**TREE CALCULATIONS**

EXISTING PARKING LOT	TOTAL PARKING AREA (PHASE 4)
- TOTAL TREES - 148 TREES	- TOTAL TREES - 517 TREES
- EVERGREEN TREES - 24 TREES (16.22%)	- EVERGREEN TREES - 367 TREES (70.99%)
- DECIDUOUS TREES - 124 TREES (83.78%)	- DECIDUOUS TREES - 150 TREES (29.01%)
PROPOSED PARKING LOT (PHASE 4)	TOTAL LANDSCAPE AREA (PHASE 4)
- TOTAL TREES - 369 TREES	- TOTAL TREES - 1,037 TREES
- EVERGREEN TREES - 343 TREES (92.95%)	- EVERGREEN TREES - 710 TREES (68.47%)
- DECIDUOUS TREES - 26 TREES (7.05%)	- DECIDUOUS TREES - 327 TREES (31.53%)



**PRELIMINARY LANDSCAPE PLAN (PHASE 4)**

1" = 80'-0"  
 July 24, 2024



**REDLANDS MEDICAL CENTER**

Sheet: **L1.04**

CITY OF REDLANDS

Site Development Plan Number:	OWNER: Kaiser Foundation Hospitals	PHONE: -
ADDRESS -	ARCHITECT, ENGINEER, DESIGNER: CO Architects -	PHONE: 323.525.0500 (Architect)
ADDRESS: 5750 Wilshire Boulevard, Suite 550, Los Angeles CA 90036 (Architect)	TYPE OF DEVELOPMENT: XXXXX	LOCATION: -
ZONE: CR ZONE		ACCESSORS PARCEL NUMBER: 0167-441-07



# TREES



CINNAMOMUM CAMPHORA / CAMPHOR

CUPANIOPSIS ANACARDIODES / CARROTWOOD

LAGERSTROEMIA I. 'PURPLE TOWER' / PURPLE TOWER CREPE MYRTLE

ULMUS P. 'TRUE GREEN' / TRUE GREEN CHINESE ELM

TIPUANA TIPU / TIPU TREE

LOPHOSTEMON CONFERTUS / BRISBANE BOX

OLEA EUROPEA 'WILSONII' / WILSON FRUITLESS OLIVE



PLATANUS RACEMOSA / CALIFORNIA SYCAMORE

QUERCUS AGRIFOLIA / COAST LIVE OAK

RHUS LANCEA / AFRICAN SUMAC

WASHINGTONIA ROBUSTA / CALIFORNIA FAN PALM

## BIOSWALE GRASSES



CAREX DIVULSA / BERKELEY SEDGE



CAREX TUMICOLA / FOOTHILL SEDGE



JUNCUS PATENS / CALIFORNIA GRAY RUSH

## VINES



DISTICTUS BUCCINATORIA / BLOOD-RED TRUMPET VINE

## BACKGROUND SHRUBS



FURCRAEA MACDOUGALLII / MACDOUGALLS CENTURY PLANT

OLEA E. 'MONTRA' / LITTLE OLLIE DWARF OLIVE

LEUCOPHYLLUM F. 'GREEN CLOUD' / TEXAS RANGER

WESTRINGIA 'WYNYABBIE GEM' / COAST ROSEMARY

## MIDGROUND SHRUBS



AGAVE OVATIFOLIA / WHALE'S TONGUE AGAVE



MUHLENBERGIA 'EL TORO' / BULL GRASS



RHAPHIOLEPIS U. 'MINOR' / DWARF YEDDO HAWTHORN



CALLISTEMON 'LITTLE JOHN' / DWARF BOTTLE BRUSH



BACCHARIS P. 'TWIN PEAKS' / TWIN PEAKS COYOTE BRUSH

## FOREGROUND SHRUBS



DIANELLA 'LITTLE REV' / LITTLE REV FLAX LILY

CAREX DIVULSA / BERKELEY SEDGE

FESTUCA MAIREI / ATLAS FESCUE

HESPERALOE PARVIFLORA / RED YUCCA

LOMONDRA L. 'LOMLON' / LOMLON MOOR GRASS

## GROUNDCOVERS



ACACIA R. 'LOWBOY' / PROSTRATE ACACIA



BACCHARIS P. 'PIGEON POINT' / DWARF COYOTE BRUSH



LANTANA 'NEW GOLD' / NEW GOLD LANTANA



SESLERIA A. 'GREENLEE' / GREENLEE MOOR GRASS



ROSMARINUS O. 'PROSTRATUS' / PROSTRATE ROSEMARY

## PROPOSED PLANT PALETTE

### TREES

SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE / FORM	INSTALL SIZE	WATER USE	DESCRIPTION	MATURE SIZE (AT 15 YEARS)
	CINNAMOMUM CAMPHORA	CAMPHOR	24" BOX STD.	8H X 4W X 1-1/4" CAL.	M	CALIFORNIA STREET TREE	22H X 20W X 4" CAL.
	CUPANIOPSIS ANACARDIODES	CARROTWOOD	24" BOX STD.	6H X 3W X 1-1/4" CAL.	M	LUCONIA STREET TREE	24H X 20W X 4" CAL.
	ULMUS PARVIFOLIA 'TRUE GREEN' - OR - TIPUANA TIPU	TRUE GREEN CHINESE ELM - OR - TIPU TREE	36" BOX STD.	10H X 5W X 2" CAL.	M	CANOPY SHADE TREE	25H X 25W X 4" CAL.
	LAGERSTROEMIA INDICA 'PURPLE TOWER'	PURPLE TOWER CREPE MYRTLE	24" BOX STD.	6H X 3W X 1-1/4" CAL.	L	SMALL DECIDUOUS ACCENT	14H X 12W X 3" CAL.
	LOPHOSTEMON CONFERTUS	BRISBANE BOX	24" BOX STD.	8H X 3W X 1-1/4" CAL.	M	PERIMETER EDGE	25H X 10W X 4" CAL.
	OLEA EUROPEA 'WILSONII'	WILSON FRUITLESS OLIVE	36" BOX MULTI	8H X 5W X (3) 1.5" CAL.	VL	EVERGREEN MULTI TRUNK FOCAL TREE	20H X 24W X (3) 3" CAL.
	PLATANUS RACEMOSA	CALIFORNIA SYCAMORE	24" BOX LOW BRCH	8H X 3W X 1-1/4" CAL.	M	CONIFEROUS SCREEN	25H X 18W X 4" CAL.
	QUERCUS AGRIFOLIA	COAST LIVE OAK	24" BOX STD.	6H X 3W X 1-1/4" CAL.	L	EVERGREEN CANOPY	24H X 20W X 4" CAL.
	RHUS LANCEA	AFRICAN SUMAC	24" BOX STD.	6H X 3W X 1-1/4" CAL.	L	PARKING AREA SHADE CANOPY	20H X 24W X 4" CAL.
	WASHINGTONIA ROBUSTA	CALIFORNIA FAN PALM	24" BTH	24H X 8W X 18" CAL.	L	CALIFORNIA STREET SKYLINE PALM	35H X 8W X 30" CAL.

### BACKGROUND SHRUBS

SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	WATER USE	DESCRIPTION
	FURCRAEA MACDOUGALLII	MACDOUGALLS CENTURY PLANT	5 GAL.	60" O.C.	L	SUCCULENT ACCENT
	OLEA X MONTRA 'LITTLE OLLIE'	LITTLE OLLIE	5 GAL.	36" O.C.	L	HEDGE
	LEUCOPHYLLUM F. 'GREEN CLOUD'	TEXAS RANGER	5 GAL.	48" O.C.	L	LARGE FLOWERING
	WESTRINGIA FRUTICOSA 'WYNYABBIE GEM'	WYNYABBIE GEM COAST ROSEMARY	5 GAL.	42" O.C.	L	HEDGE

### MIDGROUND SHRUBS

SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	WATER USE	DESCRIPTION
	AGAVE OVATIFOLIA	WHALE'S TONGUE AGAVE	5 GAL.	48" O.C.	L	SUCCULENT ACCENT
	MUHLENBERGIA EMERSLEYI 'EL TORO'	BULL GRASS	1 GAL.	36" O.C.	L	ORNAMENTAL GRASS
	RHAPHIOLEPIS UMBELLATA 'MINOR'	DWARF YEDDO HAWTHORN	5 GAL.	36" O.C.	M	FLOWERING ACCENT
	CALLISTEMON 'LITTLE JOHN'	LITTLE JOHN DWARF BOTTLE BRUSH	5 GAL.	36" O.C.	L	FLOWERING ACCENT
	BACCHARIS P. 'TWIN PEAKS'	TWIN PEAKS COYOTE BRUSH	5 GAL.	36" O.C.	L	CALIFORNIA NATIVE

### FOREGROUND SHRUBS

SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	WATER USE	DESCRIPTION
	DIANELLA 'LITTLE REV'	LITTLE REV FLAX LILY	1 GAL.	24" O.C.	L	STRAPPY ACCENT
	CAREX DIVULSA	BERKELEY SEDGE	1 GAL.	30" O.C.	L	ORNAMENTAL GRASS
	FESTUCA MAIREI	ATLAS FESCUE	1 GAL.	30" O.C.	L	ORNAMENTAL GRASS
	HESPERALOE PARVIFLORA	RED YUCCA	1 GAL.	36" O.C.	L	FLOWERING ACCENT
	LOMONDRA LONGIFOLIA 'LOMLON'	LOMLON MOOR GRASS	1 GAL.	36" O.C.	M	ORNAMENTAL GRASS

### GROUNDCOVERS

SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	WATER USE	DESCRIPTION
	ACACIA REDOLENS 'LOW BOY'	PROSTRATE ACACIA	1 GAL.	8" O.C.	VL	EVERGREEN GROUNDCOVER
	BACCHARIS P. 'PIGEON POINT'	DWARF COYOTE BRUSH	1 GAL.	48" O.C.	L	EVERGREEN GROUNDCOVER
	LANTANA 'NEW GOLD'	NEW GOLD LANTANA	1 GAL.	36" O.C.	L	FLOWERING GROUNDCOVER
	SESLERIA AUTUMNALIS 'GREENLEE'	GREENLEE MOOR GRASS	1 GAL.	18" O.C.	M	FLOWERING GROUNDCOVER
	ROSMARINUS O. 'PROSTRATUS'	PROSTRATE ROSEMARY	FLATS	12" O.C.	L	EVERGREEN GROUNDCOVER

### BIOSWALE GRASSES

SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	WATER USE	DESCRIPTION
	CAREX DIVULSA	BERKELEY SEDGE	1 GAL.	24" O.C.	L	BIOSWALE GRASS
	CHONDROPETALUM TECTORUM	CAPE RUSH	5 GAL.	36" O.C.	M	BIOSWALE GRASS
	JUNCUS PATENS	CALIFORNIA GRAY RUSH	1 GAL.	18" O.C.	L	BIOSWALE GRASS

### VINES

SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	WATER USE	DESCRIPTION
	DISTICTUS BUCCINATORIA	BLOOD-RED TRUMPET VINE	1 GAL / STAKED	PER PLAN	M	FLOWERING VINE

WATER USE KEY: VL = VERY LOW WATER USE, L = LOW WATER USE, M = MODERATE WATER USE, H = HIGH WATER USE. WATER USE STATED IS PER WATER USE CLASSIFICATION OF LANDSCAPE SPECIES' (ALSO REFERRED TO AS WUCOLS IV) FOR THE CITY OF REDLANDS



## CONCEPTUAL LANDSCAPE IMAGERY

1" = 80'-0"  
July 24, 2024



# REDLANDS MEDICAL CENTER

Sheet: **L2.01**

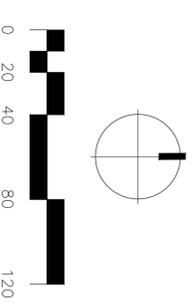
CITY OF REDLANDS

Site Development Plan Number:	OWNER: Kaiser Foundation Hospitals	PHONE: -
ADDRESS: -	ARCHITECT: ENGINEER: DESIGNER: CO Architects, -	PHONE: 323.525.0500 (Architect)
ADDRESS: 5750 Wilshire Boulevard, Suite 550, Los Angeles CA 90036 (Architect)	TYPE OF DEVELOPMENT: XXXXX	LOCATION: -
ZONE: CR ZONE		ACCESSORS PARCEL NUMBER: 0167-441-07



**EXISTING PLANT LEGEND**

TREES			
SYMBOL	BOTANICAL NAME	COMMON NAME	COMMENTS
	ALNUS RHOMBIFOLIA	ALDER TREE	-
	CINNAMOMUM CAMPHORA	CAMPHOR TREE	-
	CITRUS SPP.	CITRUS TREE	-
	CUPANIOPSIS ANACARDIODES	CARROTWOOD	-
	KOELREUTERIA BIPINNATA	GOLDEN FLAME TREE	-
	LAGERSTROEMIA INDICA	PURPLE TOWER GRAPE MYRTLE	-
	LIQUIDAMBAR STYRACIFLUA	AMERICAN SWEET GUM	-
	LOPHOSTEMON CONFERTUS	BRISBANE BOX	-
	PHOENIX DACTYLIFERA	DATE PALM	-
	PLATANUS ACERIFOLIA	LONDON PLANE	-
	WASHINGTONIA ROBUSTA	MEXICAN FAN PALM	-



**EXISTING TREE DISPOSITION PLAN**

1" = 80'-0"  
July 24, 2024



**REDLANDS MEDICAL CENTER**

Sheet L3.01

Site Development Plan Number: \_\_\_\_\_  
 OWNER: Kaiser Foundation Hospitals  
 ARCHITECT: ENGINEER, DESIGNER, CO ARCHITECTS, INC.  
 ADDRESS: 5750 Washburn Boulevard, Suite 550, Los Angeles, CA 90038 (Architect)  
 TYPE OF DEVELOPMENT: XXXXX  
 PHONE: \_\_\_\_\_  
 CITY OF REDLANDS  
 PHONE: 323.563.6300 (Architect)  
 LOCATION: \_\_\_\_\_  
 ACCESSORS PAGE NUMBER: 0187-441-07