

THE MONARCH ENTRY

RE-IMAGINING WESTWOOD PLAZA THROUGH PLANTING DESIGN

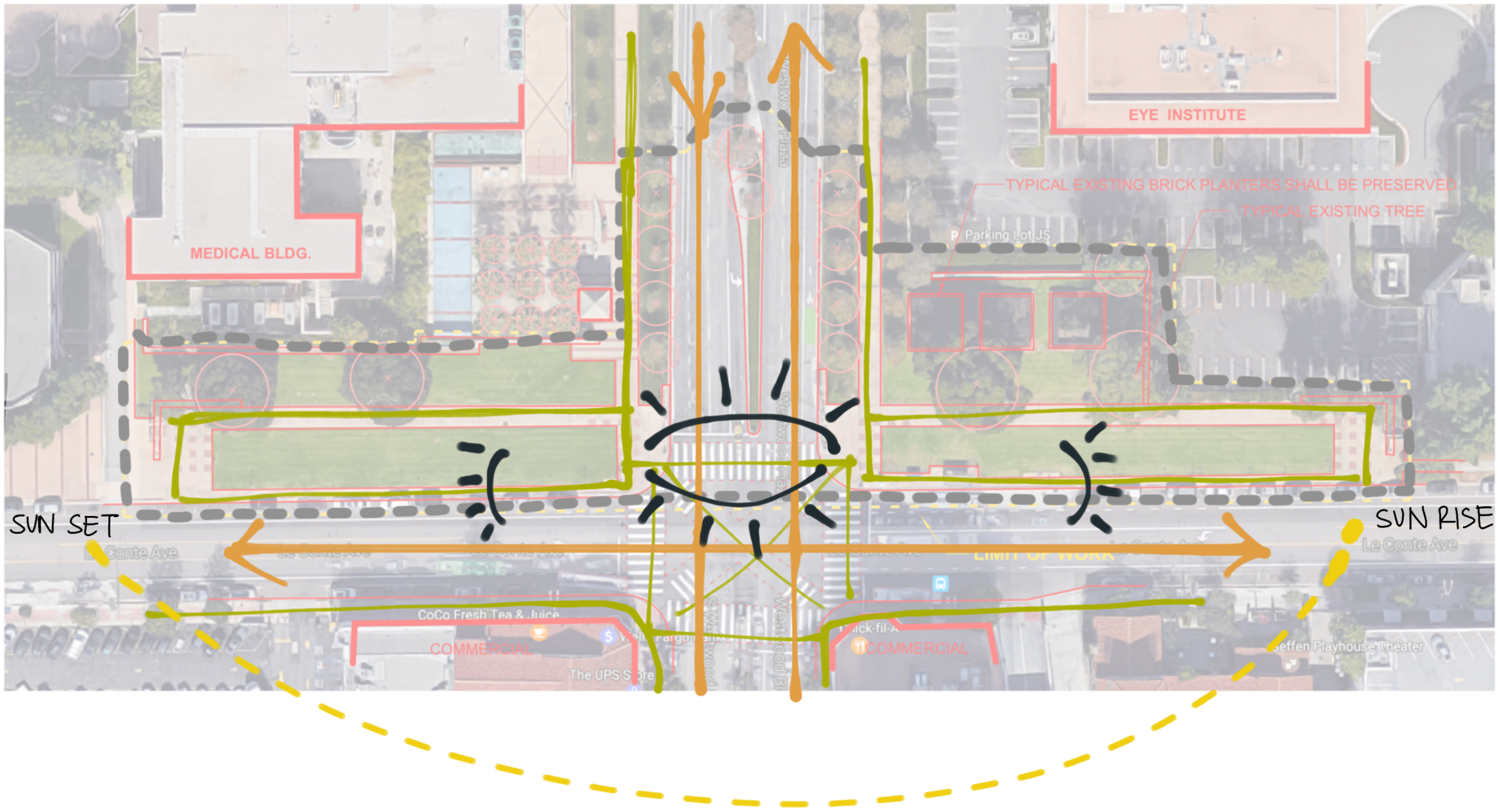


JULIA BENNETT
LANDSCAPE DESIGN 5
UCLAx SPRING
MAY 24, 2023

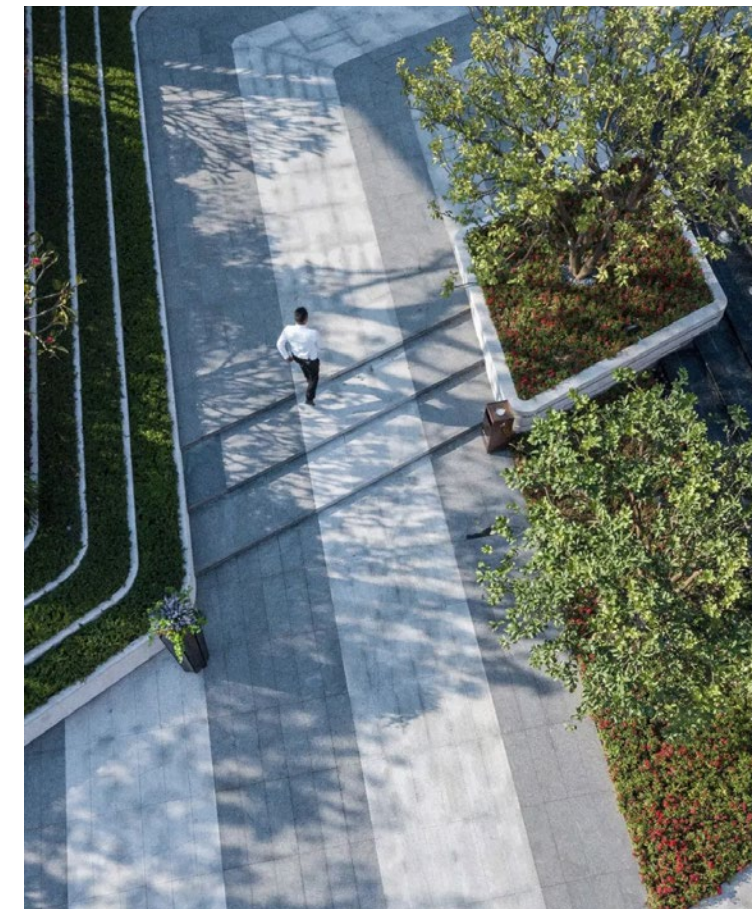
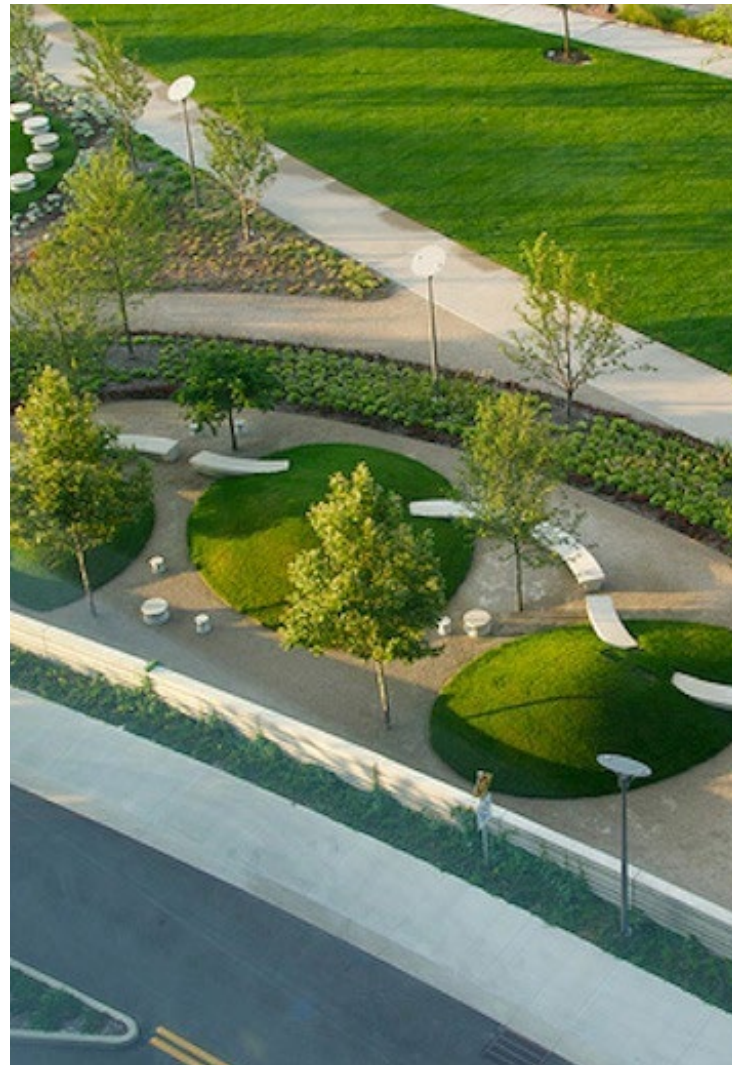
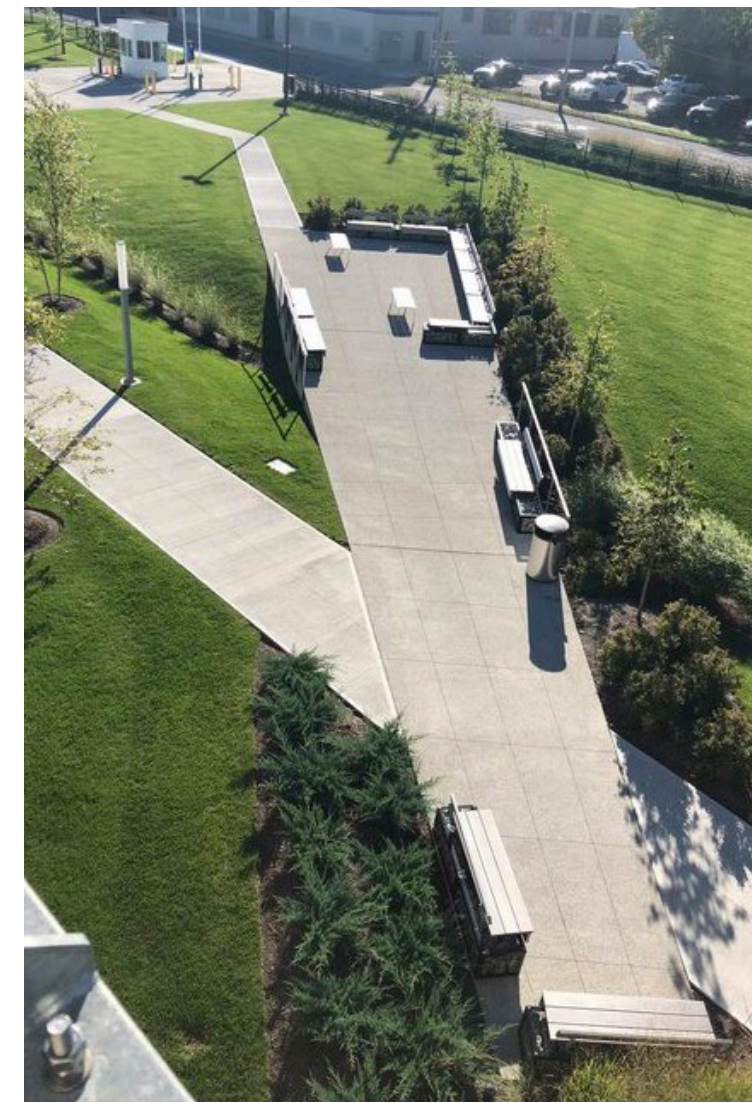
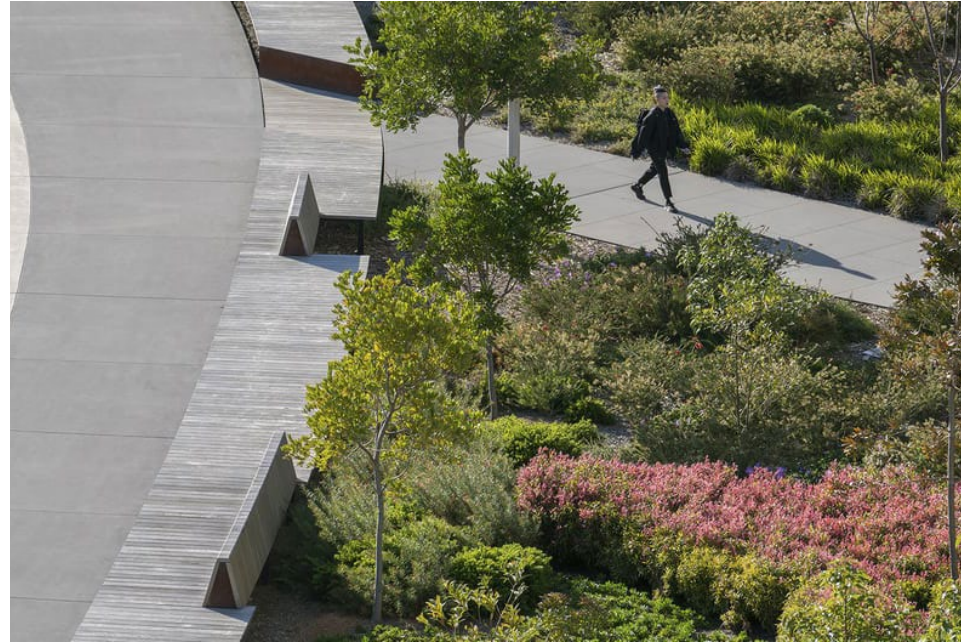
SITE ANALYSIS

- VEHICULAR CIRC.
- PEDESTRIAN CIRC.
- VIEWS
- - - SUN PATH

NOTES
HIGH SUN EXPOSURE, HIGH TRAFFIC, HEAVY POLLUTION, CONCRETE, LOW SHADE
MATURE TREES W/ SUPERFICIAL ROOTS
ADJACENCIES: PUBLIC TRANSPORT, DAILY MEDICAL USE, SHOPPING/ RESTAURANTS,
MAIN SOUTHERN ENTRANCE TO CAMPUS: NO COHESIVE STATEMENT/AESTHETIC/
PLENTY OF PARKING
AMMENITIES
INAPPROPRIATE PLANTING: BOSTON IVY, SYCAMORE, LOROPETALUM, BAMBOO,
PRIVET, PITTOSPORUM, RHAPHTOLEPSIS
VEHICULAR VS. PEDESTRIAN EXPERIENCE (VIEWS, SHADE, ACCESS)

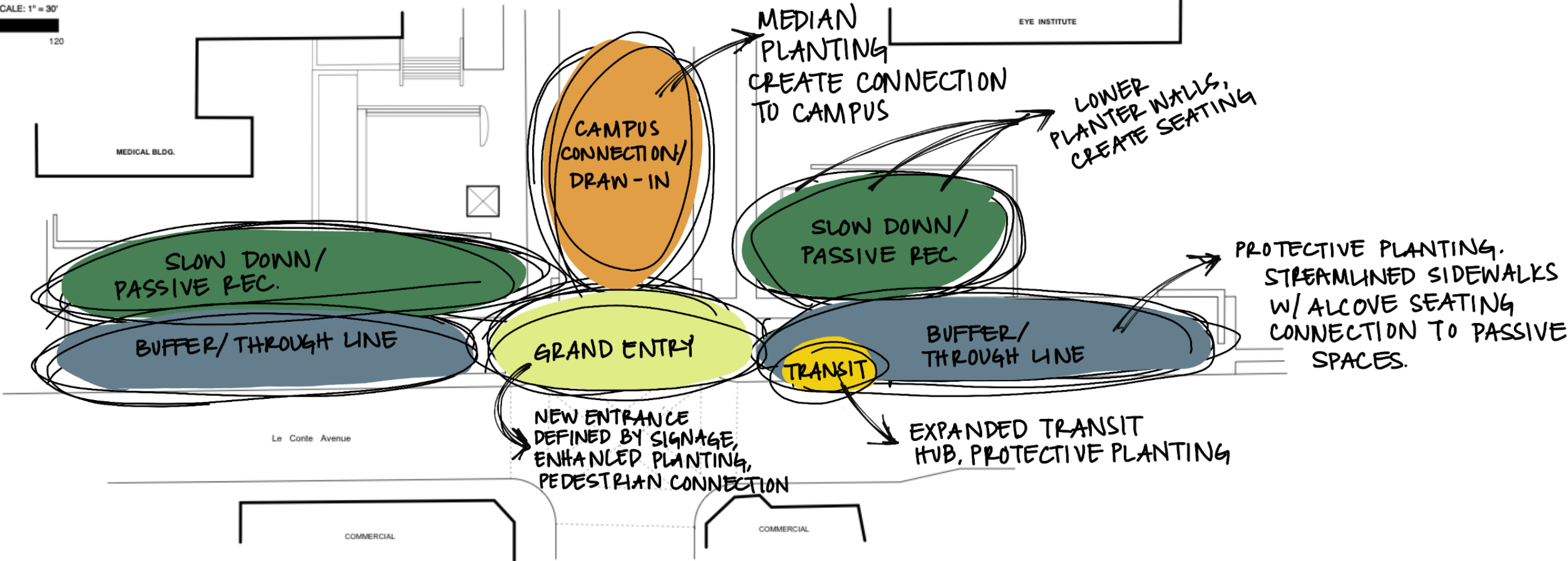


CONCEPT INSPIRATION



- Blue and yellow natives-focused palette to mark the entry to campus
- Integrated pathways and planting to create both efficient circulation and quiet meandering experiences.
- Create seating and shade amenities
- Geometric, brutalist shapes that evoke the architecture of southern campus while also calling to the alluvian character that was historically at this site.
- Mirrored design evoking the symmetry of Monarch butterfly

SITE CONCEPT



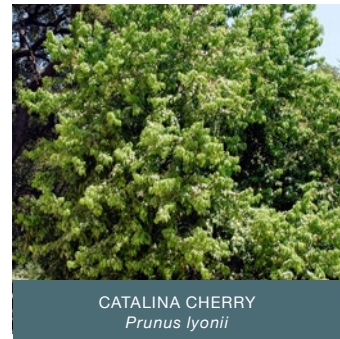
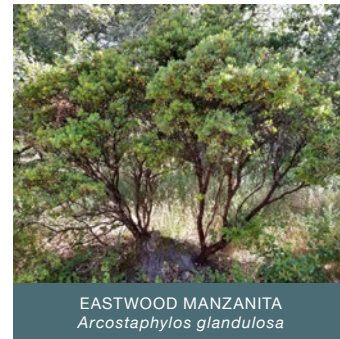
SITE CONCEPT

- BIODIVERSITY HOTSPOT,
- TRANSITION BETWEEN FOOTHILL WOODLAND & COASTAL SAGE SCRUB HISTORICAL PLANT COMMUNITIES
- ALLUVIAN CORRIDOR (BEVERLY GLEN).
- MONARCH AS A MOTIF FOR REFUGE, TRANSITION, TRANSFORMATION, ALL OF THE THINGS CAMPUS PROVIDES.

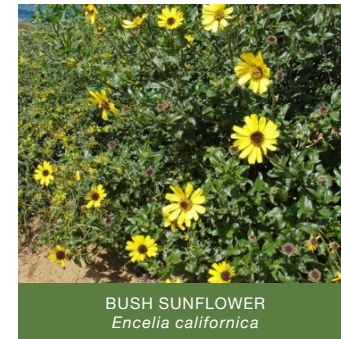
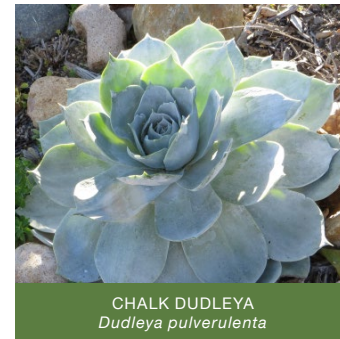
--- SITE BOUNDARY

PLANT PALETTE

NATIVE TREES



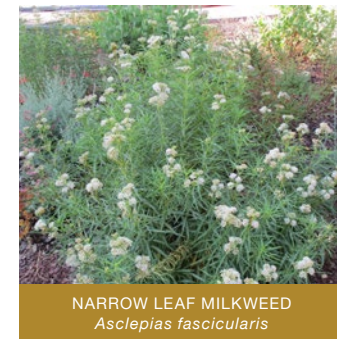
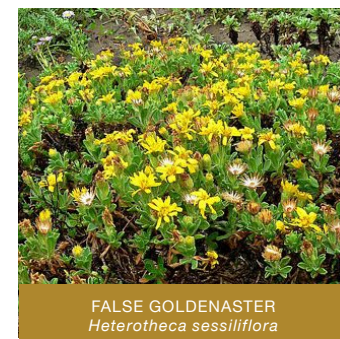
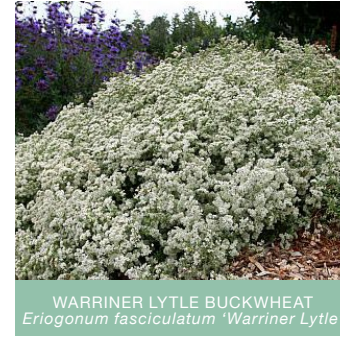
PEDESTRIAN CORRIDOR



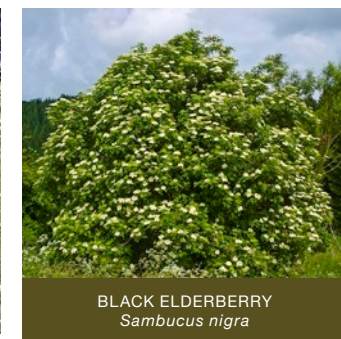
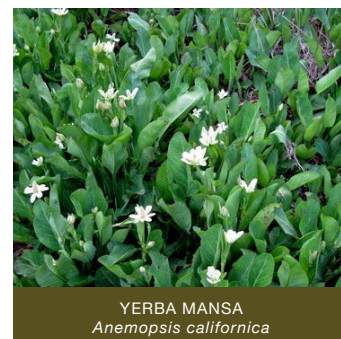
WILDFLOWER "FIELDS"



COASTAL SAGE SCRUB



MOUNDED BUFFER PLANTING / BIOSWALE



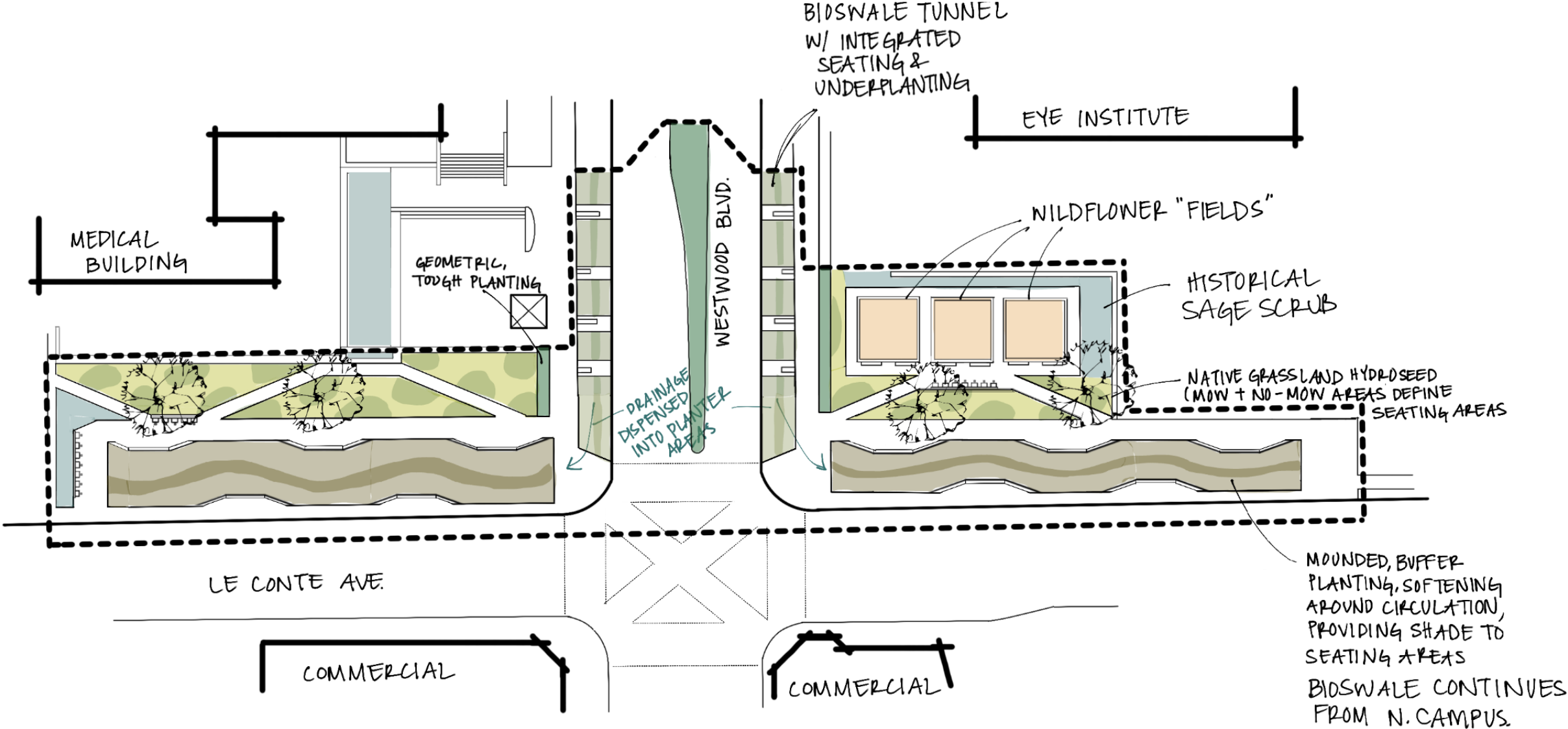
NATIVE GRASSLAND



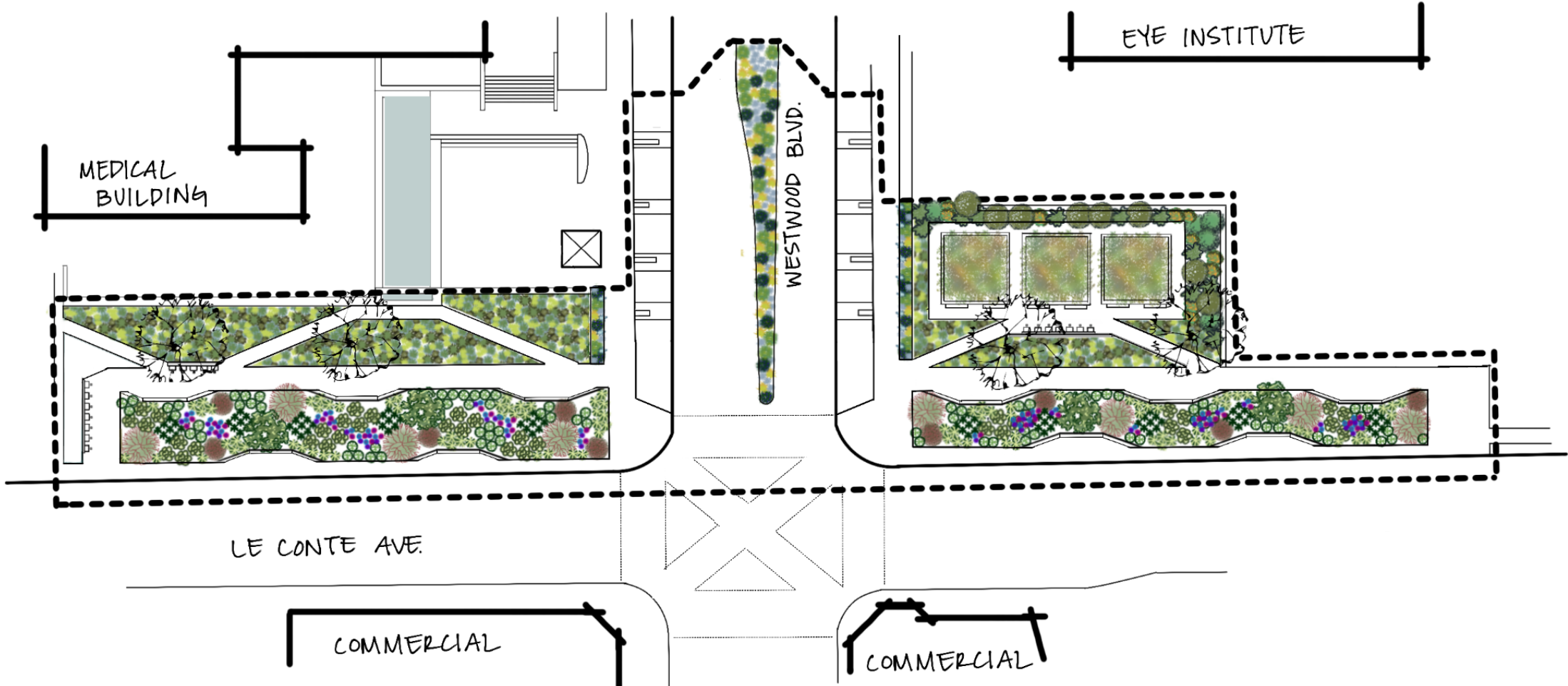
COMMON NAME SCIENTIFIC NAME	MATURE HEIGHT/ SPREAD	WUCOLS FACTOR	SUMMER WATER REDUX.	WILDLIFE BENEFIT	SOIL REQUIREMENTS	BLOOM COLOR/ SEASON	MAINTENANCE REQUIREMENTS
EASTWOOD MANZANITA <i>Arcostaphylos glandulosa</i>	Height: 3-12' Width: 8'	Low 10-30% ET ₀ Plant Factor: 0.10-0.30	Max 2x/month once established		Fast - medium drainage, decomposed granite	Winter/Spring Pink/White	Plant in spring, grows quickly.
CATALINA CHERRY <i>Prunus lyonii</i>	Height: 25-40' Width: 20'	Very Low < 10% ET ₀ Plant Factor: < 0.10	Max 2x/month once established		Tolerates a variety of soils	Winter/Spring Cream/White	Prune to shape when tree is young
CALIFORNIA LAUREL <i>Umbellularia californica</i>	Height: 6-80' Width: 3-30'	Low 10-30% ET ₀ Plant Factor: 0.10-0.30	Max 3x/month once established		Tolerates variety of soil, medium slow draining	Spring Yellow, White, Green	Limit understory planting
BUCKEYE <i>Aesculus californica</i>	Height: 13-40' Width: 40'	Very Low < 10% ET ₀ Plant Factor: < 0.10	Max 2x/month once established		Tolerates variety of soil, medium slow draining	Spring/Summer White/Cream	Winter and Summer Deciduous
YUCCA BRIGHT STAR <i>Yucca floricosa</i>	Height: 1-2' Width: 3-5'	Very Low < 10% ET ₀ Plant Factor: < 0.10	N/A		Rocky, sandy, well draining soil	Summer/Fall White	
SAN RAFAEL BLUE FESCUE <i>Festuca californica 'SRB'</i>	Height: 1.5-2' Width: 1.5-2' Clumping	Low 10-30% ET ₀ Plant Factor: 0.10-0.30	Max 2x/month once established		Tolerates all soil types	Spring Yellow	Forms large clumps, fast growing, Summer deciduous
CHALK DUDLEYA <i>Dudleya pulverulenta</i>	Height: 0.3-1' Width: 1'	Very Low < 10% ET ₀ Plant Factor: < 0.10	Max 1x/month once established		Variable , rocky coarse soils on slope preferred	Spring/Summer Orange, Pink, Red	Remove spent stalks
BUSH SUNFLOWER <i>Encelia californica</i>	Height: 1.5-5' Width: 3-7'	Very Low < 10% ET ₀ Plant Factor: < 0.10	Max 1x/month once established		Tolerates a wide variety of soils	Winter/Spring Brown, Purple, Yellow	semi-deciduous in summer, can cut to ground
CONCHA CEANOTHUS <i>Ceanothus concha</i>	Height: 3-6' Width: 3-6'	Very Low < 10% ET ₀ Plant Factor: < 0.10	Max 1x/month once established		Fast - medium drainage	Winter/Spring Blue	Grows quickly, can be short lived
GOLDEN YARROW <i>Eriophyllum confertiflorum</i>	Height: 1.5-2.5' Width: 1.5'	Very Low < 10% ET ₀ Plant Factor: < 0.10	Max 2x/month once established		Medium/Slow drainage, tolerates clay soil	Winter/Spring/Summer Yellow	Deadhead to extend blooming
DAVID'S CHOICE SAGEBRUSH <i>Artemisia pycnocephala 'David's Choice'</i>	Height: 1-1.5' Width: 1-2'	Low 10-30% ET ₀ Plant Factor: 0.10-0.30	N/A		Sandy, coarse grained or other fast draining soil	Spring/Summer Insignificant	Cut flower stems to maintain habit.
CALIFORNIA POPPY <i>Eschscholzia californica</i>	Height: 0.5-2' Width: 1-2'	Very Low < 10% ET ₀ Plant Factor: < 0.10	Max 2x/month once established		Prefers sandy infertile, well- draining soils	All Season Orange/Yellow	Cut to ground when summer deciduous
ARROYO LUPINE <i>Lupinus succulentus</i>	Height: 2-4' Width: 3'	Low 10-30% ET ₀ Plant Factor: 0.10-0.30	Max 2x/month once established		Tolerates variety of soils, likes heavy moist conditions	Winter/Spring Blue, Lavender, White	Summer deciduous
FALSE GOLDENASTER <i>Heterotheca sessiflora</i>	Height: 2-4' Width: 2-4'	Very Low < 10% ET ₀ Plant Factor: < 0.10	Max 2x/month once established		Sandy garden soil	All Season Yellow	Clumping, mat forming
BLUE DICKS <i>Dipterostemon capitalus</i>	Height: 1.5-2' Width: 2'	Low 10-30% ET ₀ Plant Factor: 0.10-0.30	Max 1x/month once established		Tolerates all soil conditions	Winter/Spring Lavender/Blue	Summer deciduous
NARROWLEAF MILKWEED <i>Asclepias fascicularis</i>	Height: 1.5-3.5' Width: 1'	Low 10-30% ET ₀ Plant Factor: 0.10-0.30	Max 2x / month once established		Tolerates all soil conditions	Summer, Fall White, Lavende	Never use pesticide
CALIFORNIA CUDWEED <i>Pseudognaphalium californicum</i>	Height: 0.5-3' Width: 2'	Very Low < 10% ET ₀ Plant Factor: < 0.10	Max 1x/month once established		Tolerates all soil conditions	Winter, Spring, Summer Cream, White, Green	Summer demi-deciduous
BUSH MONKEY FLOWER <i>Diplacus aurantiacus</i>	Height: 4-5' Width: 5'	Very Low < 10% ET ₀ Plant Factor: < 0.10	Max 1x/month once established		Tolerant of difficult soils if adequate drainage is provided	Winter, Spring, Summer Orange, Yellow	Deadhead to increase flower production
'WARRINER LYTLE' BUCKWHEAT <i>Erigonum fasciculatum 'Warriner Lytle'</i>	Height: 1-2' Width: 5-10'	Low 10-30% ET ₀ Plant Factor: 0.10-0.30	Max 2x/month once established		Prefers well draining soil, tolerant of other types	Spring/Summer/Fall White	Can handle hard pruning, can be edged or hedged
COYOTE BUSH 'PIGEON POINT' <i>Baccharis pilularis</i>	Height: 1.5-2' Width: 6-8'	Low 10-30% ET ₀ Plant Factor: 0.10-0.30	Max 1x/month once established		Tolerates all soil conditions	All Season Yellow, White, Cream	Prune annually for neat appearance

COMMON NAME SCIENTIFIC NAME	MATURE HEIGHT/ SPREAD	WUCOLS FACTOR	SUMMER WATER REDUX.	WILDLIFE BENEFIT	SOIL REQUIREMENTS	BLOOM COLOR/ SEASON	MAINTENANCE REQUIREMENTS
CREeping WILD RYE <i>Laymus triticoides</i>	Height: 2-4.5' Width: 3-5' Crawling	Low 10-30% ET ₀ Plant Factor: 0.10-0.30	Max 1x/month once established		Tolerates most soils	Spring Green	Winter Deciduous, requires regular water. Can be mowed
BERKLEY SEDGE <i>Carex tumulicola</i>	Height: 1'' Width: 1-2'	Low 10-30% ET ₀ Plant Factor: 0.10-0.30	N/A		Tolerates most soils	Spring Brown	Takes pruning well, cut in late Can be mowed, tolerates period of dryness
FOOTHILL NEEDLEGRASS <i>Stipa lepida</i>	Height: 1.5-3.5' Width: 2'	Very Low < 10% ET ₀ Plant Factor: < 0.10	Never irrigate once established		Adaptabable, found in clay loam	Spring/Summer Brown, Cream	Can be mowed/sheared to 4-6"
CUCAMONGA BROME <i>Bromus carinatus</i>	Height: 1-5 Width: 1'	Low 10-30% ET ₀ Plant Factor: 0.10-0.30	Max 2x/month once established		Tolerates most soils, best in clay	Spring Yellow	Responds favorably to mowing in spring/summer
YERBA MANSA <i>Anemopsis californica</i>	Height: 0.5-1' Width: 2'	Moderate 40-60% ET ₀ Plant Factor: 0.40- 0.60	Keep Moist		Tolerates all soil as long as it's kept moist	Winter/Spring White, Cream	Runners can be cut off any time.
BUTTON BUSH <i>Berzelia lanuginosa</i>	Height: 4-6' Width: 3-4'	Moderate 40-60% ET ₀ Plant Factor: 0.40- 0.60	Keep Moist	Unknown	Does best in well draining soil	Winter/Summer Cream	Makes great cut flower,
CALIFORNIA WILD ROSE <i>Rosa californica</i>	Height: 8-10' Width: 10''	Moderate 40-60% ET ₀ Plant Factor: 0.40- 0.60	Max 3x/month once established		Does best in moist loamy soil	Summer, Spring Red, Pink, White	Annual pruning to keep spread under control
BLUE GRAMMA GRASS <i>Bouteloua gracilis</i>	Height: 0.5-2' Width: 2'	Low 10-30% ET ₀ Plant Factor: 0.10-0.30	Max 2x/month once established		Tolerates variety of soil as long as it drains well	Summer Yellow	Can be cut in winter when it's dormant
BLACK ELDERBERRY <i>Sambuca nigra</i>	Height: 13-30' Width: 10-20'	Low 10-30% ET ₀ Plant Factor: 0.10-0.30	Max 2x/month once established		Tolerates most soils	Spring Cream, White, Purple, Black	Prune to shape in winter when it's deciduous
BLUE EYED GRASS <i>Sisyrinchium bellum</i>	Height: 1-2' Width: 1'	Low 10-30% ET ₀ Plant Factor: 0.10-0.30	Max 2x/month once established		Tolerates sand and clay	Winter/Spring Blue, Lavender, Purple	Dies back during summer dormancy, requires some moisture.
BLUE FIELD GILIA <i>Gilia capitata</i>	Height: 0.5-3' Width: 1'	Very Low < 10% ET ₀ Plant Factor: < 0.10	Max 2x/month once established		Tolerates clay, does best with well draining soil	Winter/Spring Blue, Lavender, Pink, White	Does best in seed mixes with other meadow like plants, annual
PURPLE CHINESE HOUSES <i>Collinsia heterophylla</i>	Height: 0.5-2' Width: 1'	Low 10-30% ET ₀	Max 2x/month once established		Prefers rich loamy soil	Winter/Spring Blue, Lavender, Purple	Annual
DEER GRASS <i>Muhlenbergia rigens</i>	Height: 4-5' Width: 4'	Low 10-30% ET ₀	Max 1x/month once established		Tolerant of sand and clay soils	Spring Yellow/Cream	Can be cut back in fall
WESTERN REDBUD <i>Cercis occidentalis</i>	Height: 10-20' Width: 10-15'	Low 10-30% ET ₀	Max 1x/month once established		Tolerates most soils	Winter/Spring	Winter Deciduous, responds well to pruning




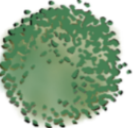

PLANTING CONCEPT + HARDSCAPE








SITE PLAN - SHRUBS



NATIVE TREES

-  EASTWOOD MANZANITA
-  CATALINA CHERRY
-  CALIFORNIA LAUREL
-  CALIFORNIA BUCKEYE
-  EXISTING FICUS





CIRCULATION CORRIDORS

-  BRIGHT STAR YUCCA
-  BLUE FESCUE
-  CHALK DUDLEYA
-  BUSH SUNFLOWER
-  CONCHA CEANOTHUS





WILDFLOWER "FIELDS"

-  WILDFLOWER SEED MIX

COASTAL SAGE SCRUB

-  CLEVELAND SAGE
-  BUSH MONKEYFLOWER
-  PIGEON POINT COYOTE BUSH
-  WARRINER LYTLE BUCKWHEAT

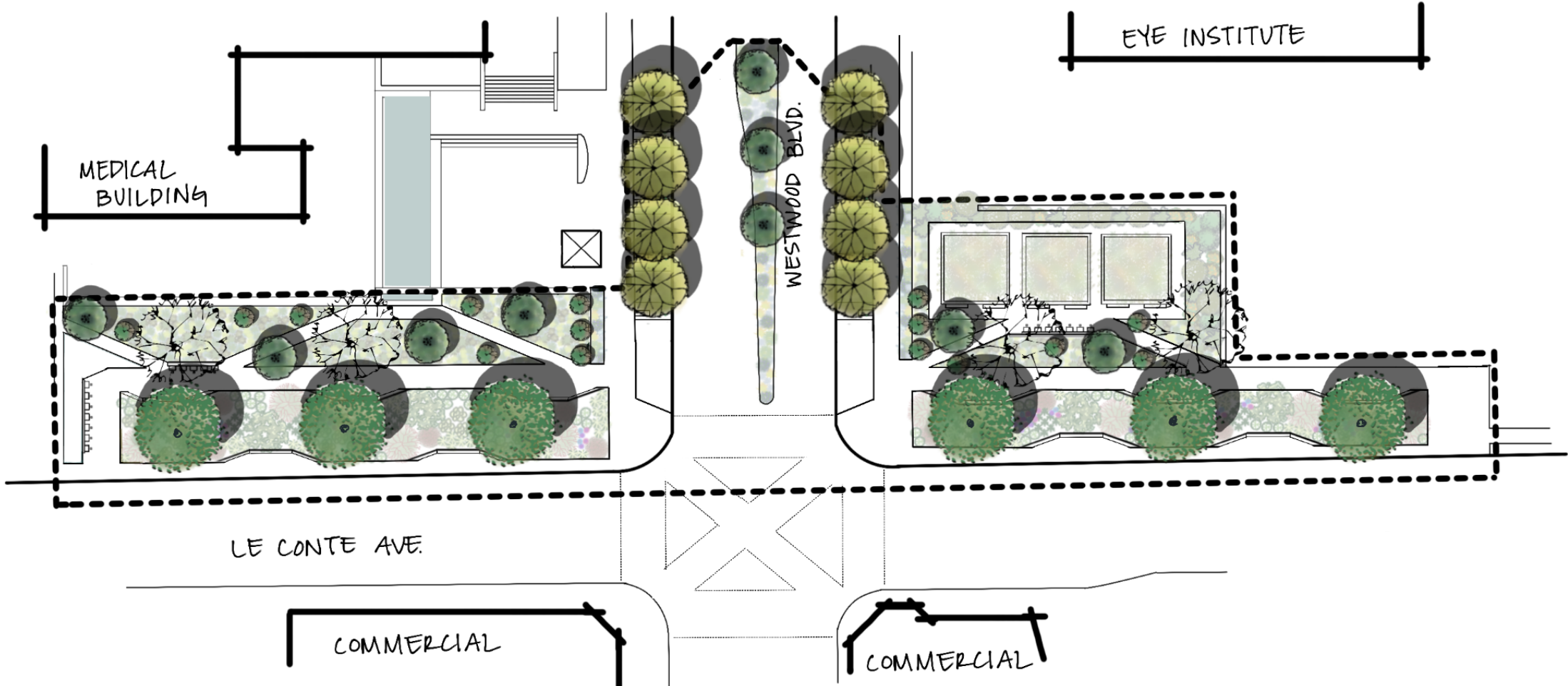
NATIVE GRASSLANDS (MOW + NO-MOW)

-  CREEPING WILD RYE
-  BERKLEY SEDGE
-  FOOTHILL STIPA
-  CALIFORNIA BROME GRASS






BIOSWALE BUFFER

-  YERBA MANSA
-  BUTTONBUSH
-  CALIFORNIA WILD ROSE
-  BLUE GRAMA GRASS
-  BLACK ELDERBERRY
-  BLUE EYED GRASS
-  BLUE FIELD GILIA
-  CHINESE HOUSES
-  DEER GRASS
-  WESTERN REDBUD






SITE PLAN - TREES



NATIVE TREES

-  EASTWOOD MANZANITA
-  CATALINA CHERRY
-  CALIFORNIA LAUREL
-  CALIFORNIA BUCKEYE
-  EXISTING FIGUS





CIRCULATION CORRIDORS

-  BRIGHT STAR YUCCA
-  BLUE FESCUE
-  CHALK DUDLEYA
-  BUSH SUNFLOWER
-  CONCHA CEANOTHUS





WILDFLOWER "FIELDS"

-  WILDFLOWER SEED MIX



COASTAL SAGE SCRUB

-  CLEVELAND SAGE
-  BUSH MONKEYFLOWER
-  PIGEON POINT COYOTE BUSH
-  WARRINER LYTLE BUCKWHEAT

NATIVE GRASSLANDS (MOW + NO-MOW)

-  CREEPING WILD RYE
-  BERKLEY SEDGE
-  FOOTHILL STIPA
-  CALIFORNIA BROME GRASS

BIOSWALE BUFFER

-  YERBA MANSA
-  BUTTONBUSH
-  CALIFORNIA WILD ROSE
-  BLUE GRAMA GRASS
-  BLACK ELDERBERRY
-  BLUE EYED GRASS
-  BLUE FIELD GILIA
-  CHINESE HOUSES
-  DEER GRASS
-  WESTERN REDBUD



THANKS FOR A GREAT QUARTER, PAMELA!