

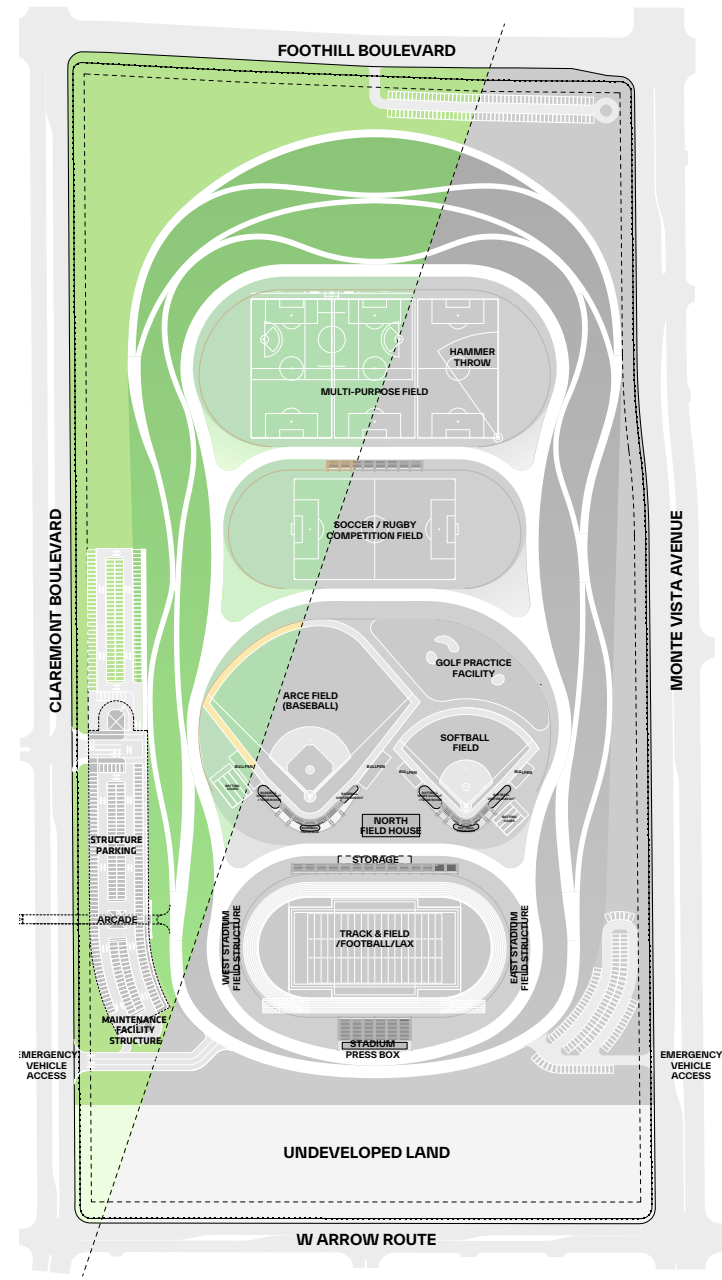


CLAREMONT MCKENNA COLLEGE

ROBERTS CAMPUS SPORTS BOWL
CLAREMONT ARCHITECTURAL COMMISSION MEETING
PRELIMINARY REVIEW
2024.07.24



2016 DEVELOPMENT AGREEMENT



SITE PLAN

CONCEPTUAL SITE PLAN COMPARISON



ROBERTS CAMPUS SPORTS BOWL
DESIGN CONCEPT

**ROBERTS CAMPUS EAST
SPORTS BOWL**

**CLAREMONT
UPLAND**



SAN GABRIEL MOUNTAINS

SAN ANTONIO WASH

SITE





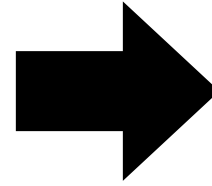
EXISTING: FORMER GRAVEL QUARRY & LANDFILL FACILITY



PROPOSAL: RECLAIMED RECREATIONAL SPORTS PARK

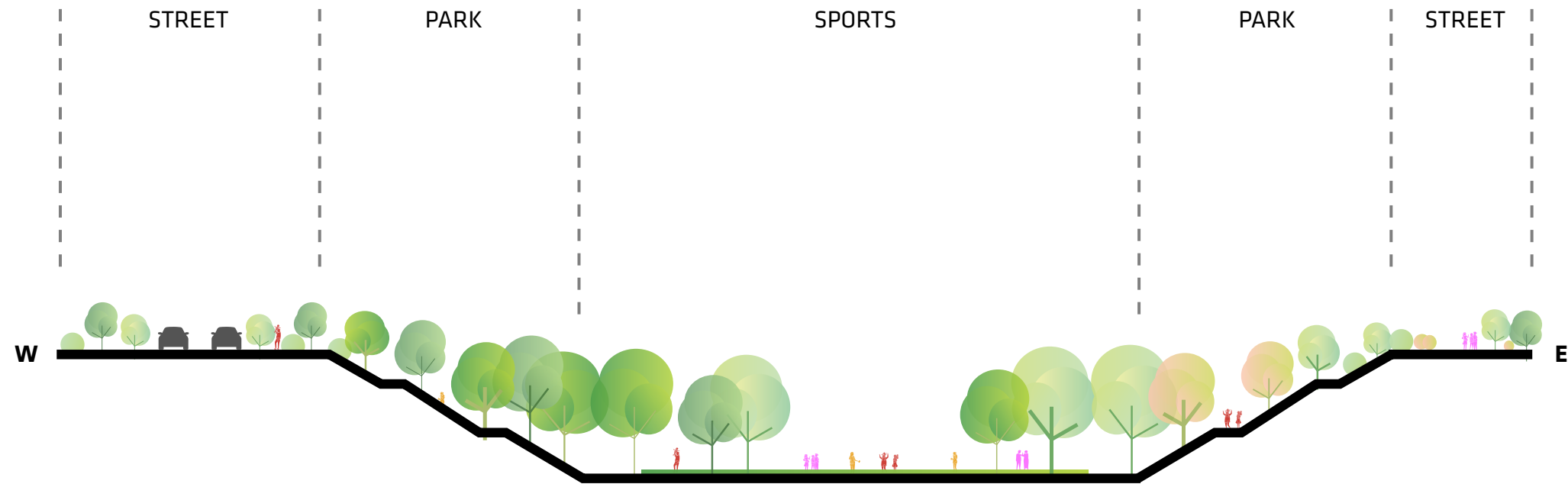


SAN GABRIEL MOUNTAINS

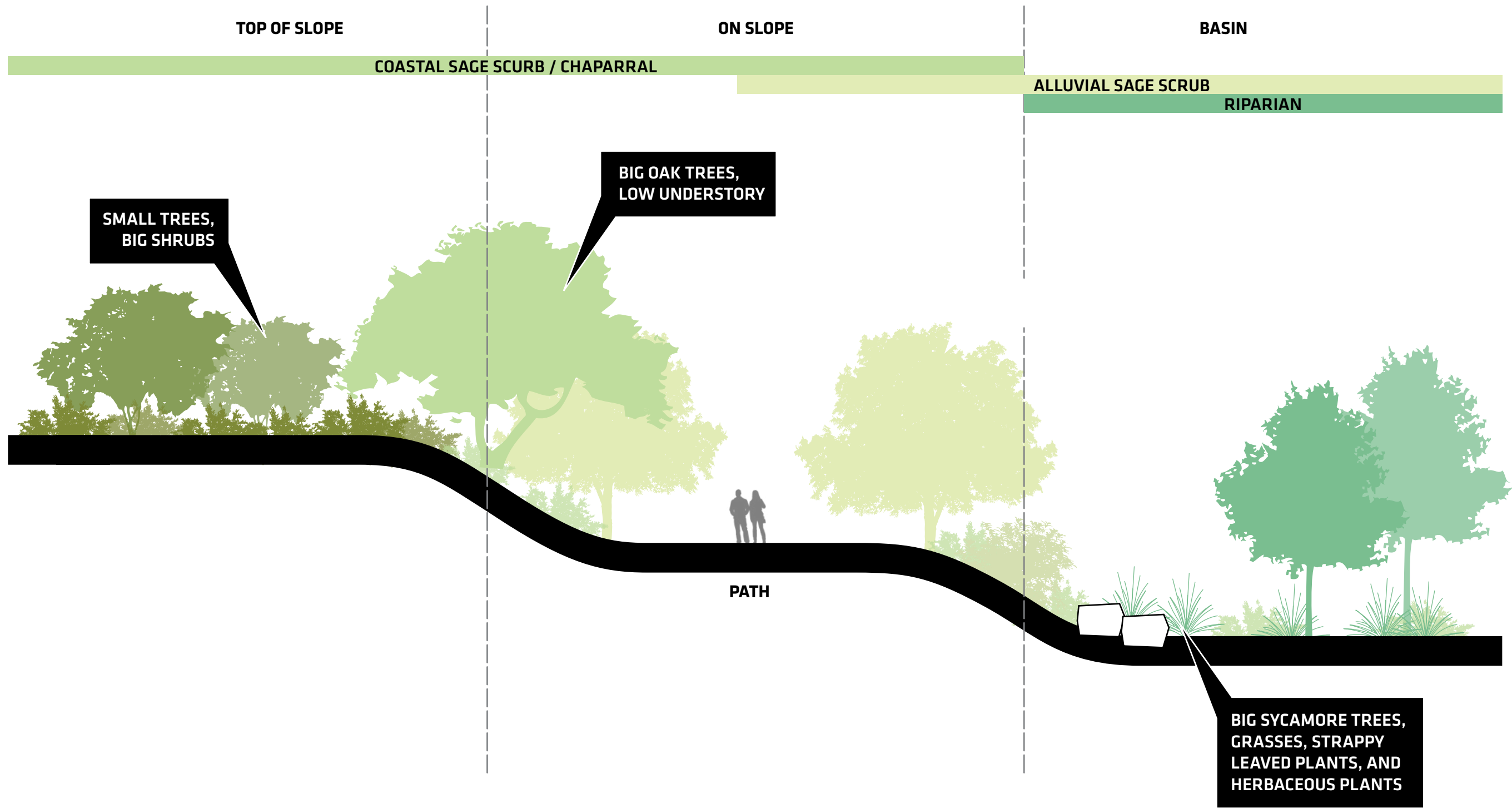


LUSH VALLEYS, DRY PEAKS

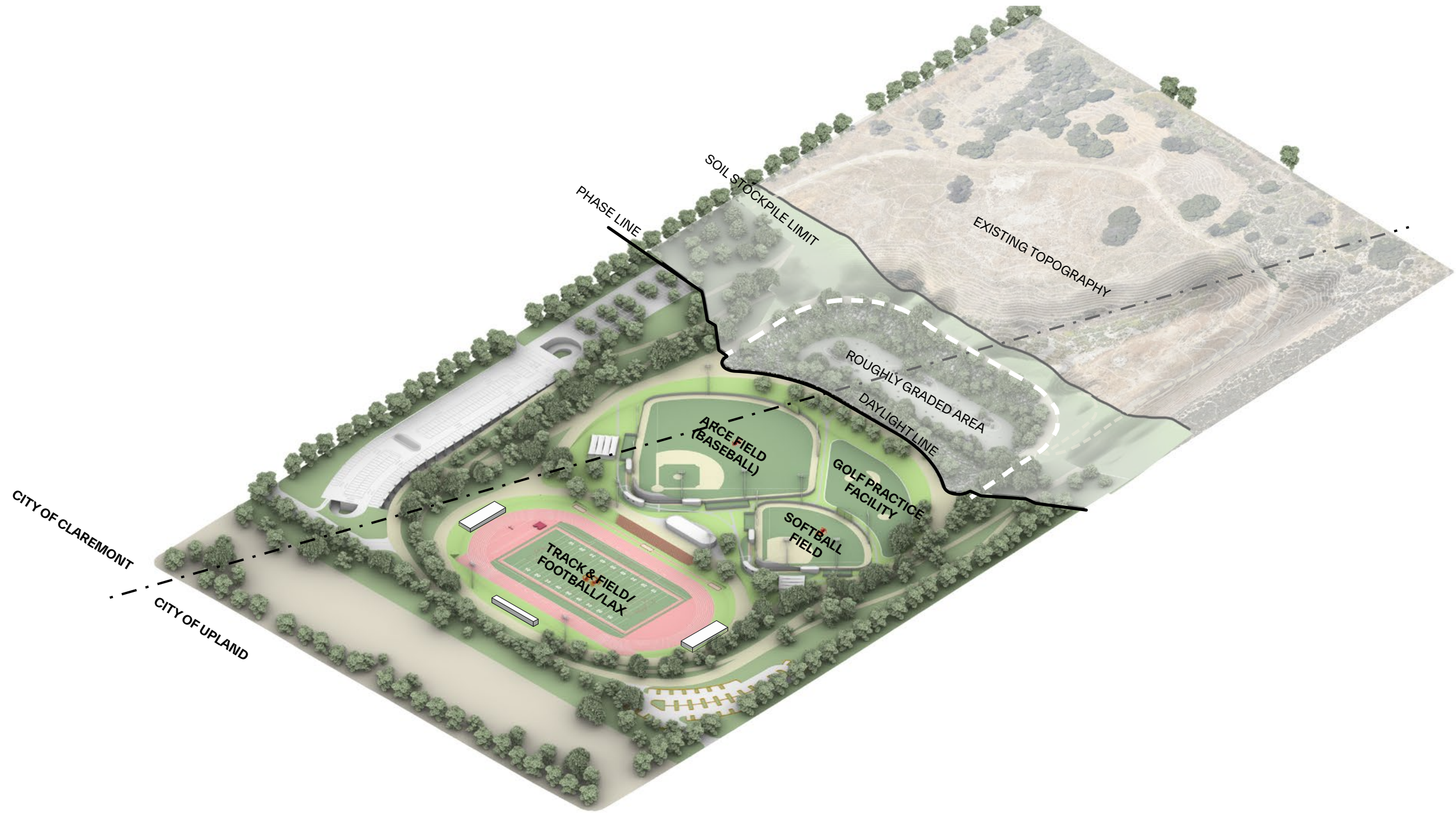
CONTEXT



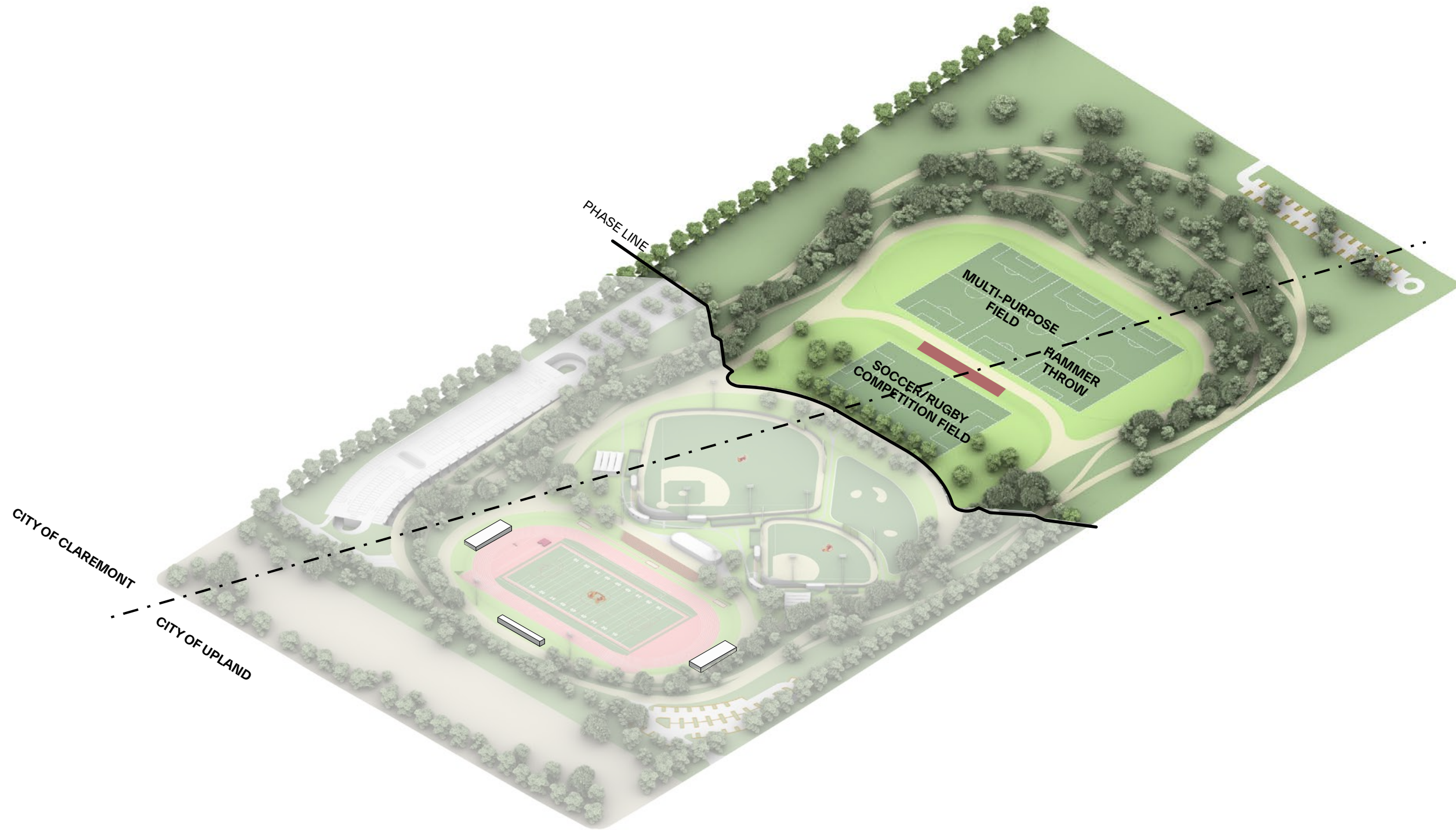
SPORTS BOWL CONCEPT



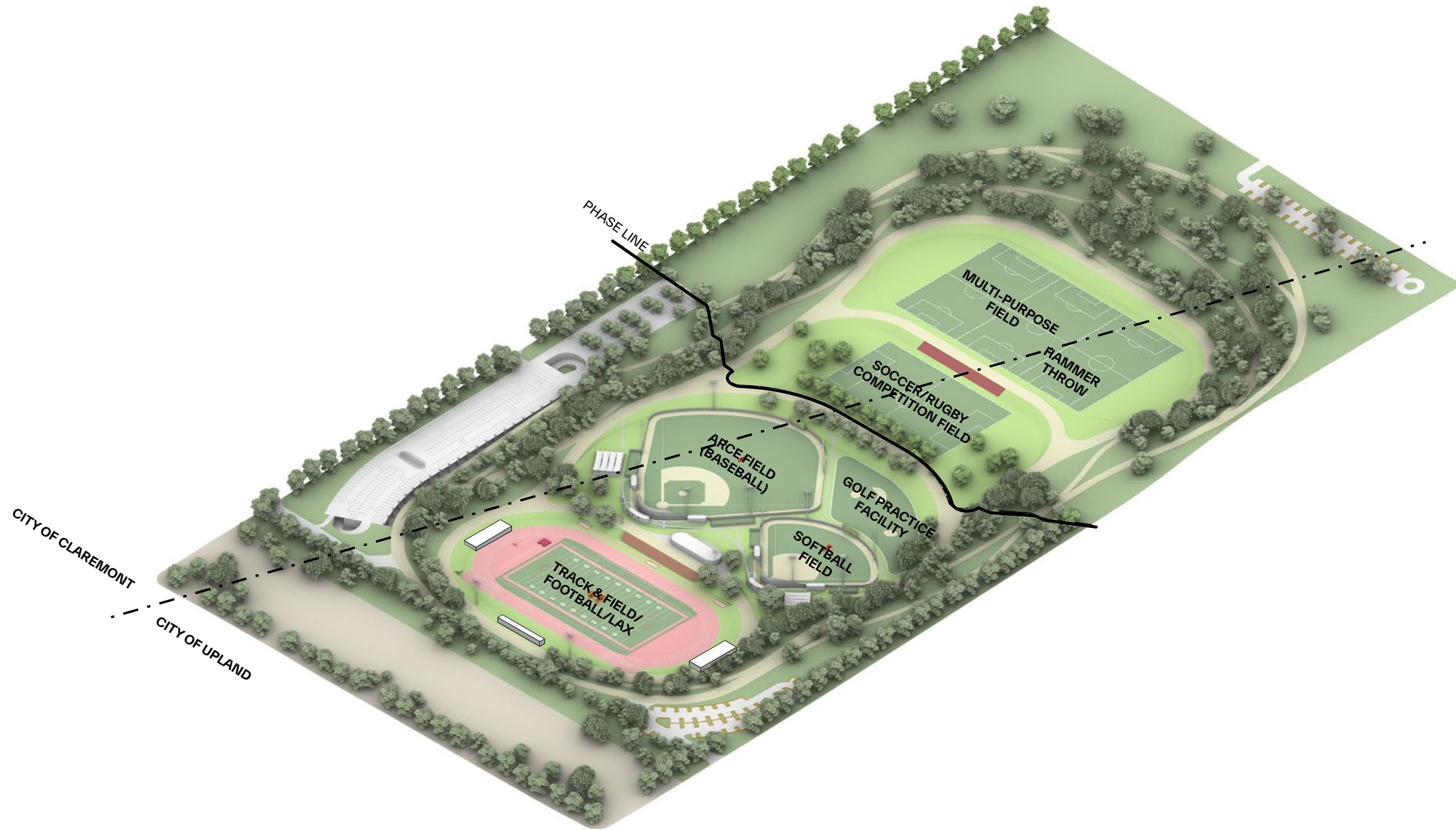
PLANTING GRADIENT CONCEPT



PHASE 1



PHASE 2



COMPLETE



SAN GABRIEL MOUNTAINS



ARROYO LANDSCAPE



PALETTE



GRADIENT VISUALIZATION

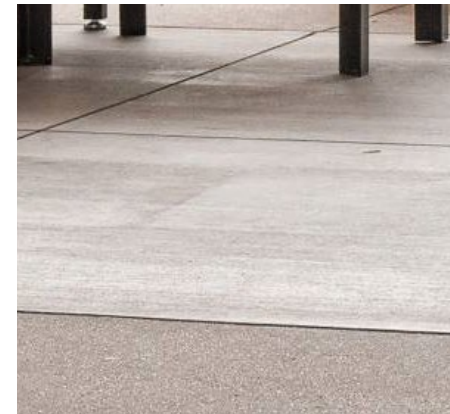




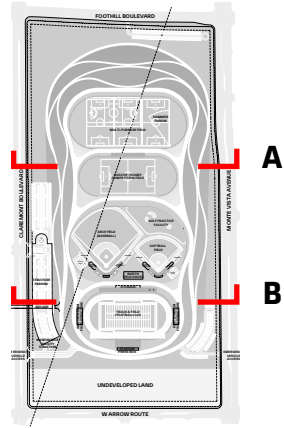
Decomposed Granite
Loose



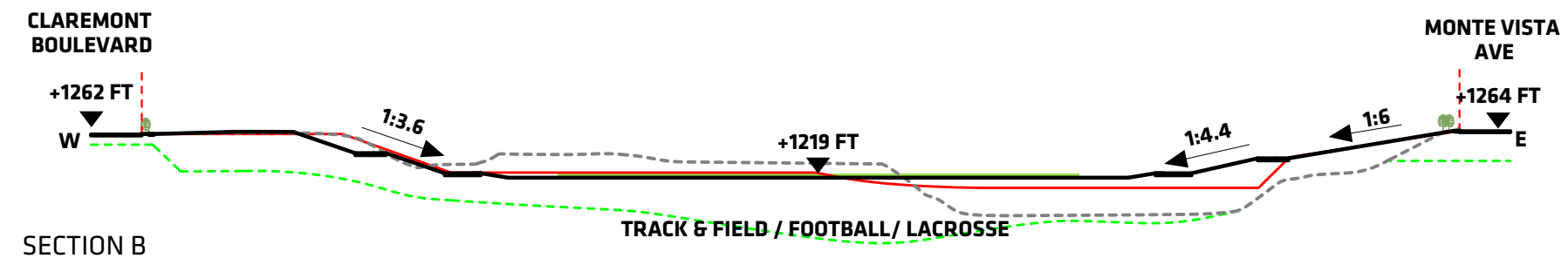
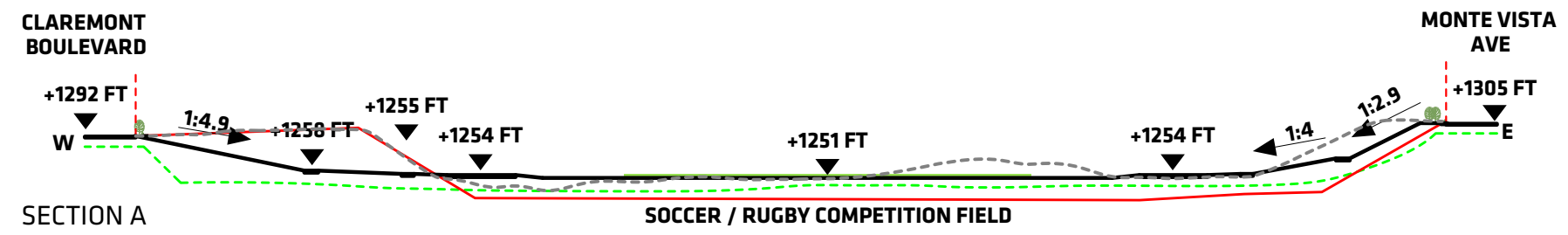
CONCRETE
Various Finishes



FLATWORK PALETTE

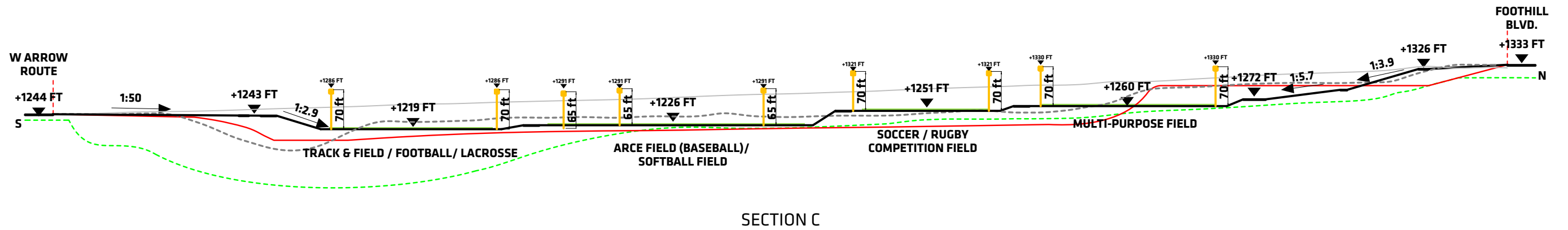
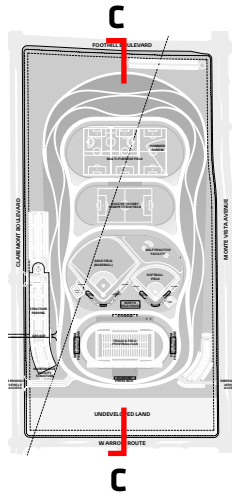


THE PROPOSED GRADING SHOWS A "CUT AND FILL" STRATEGY



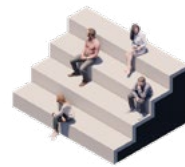
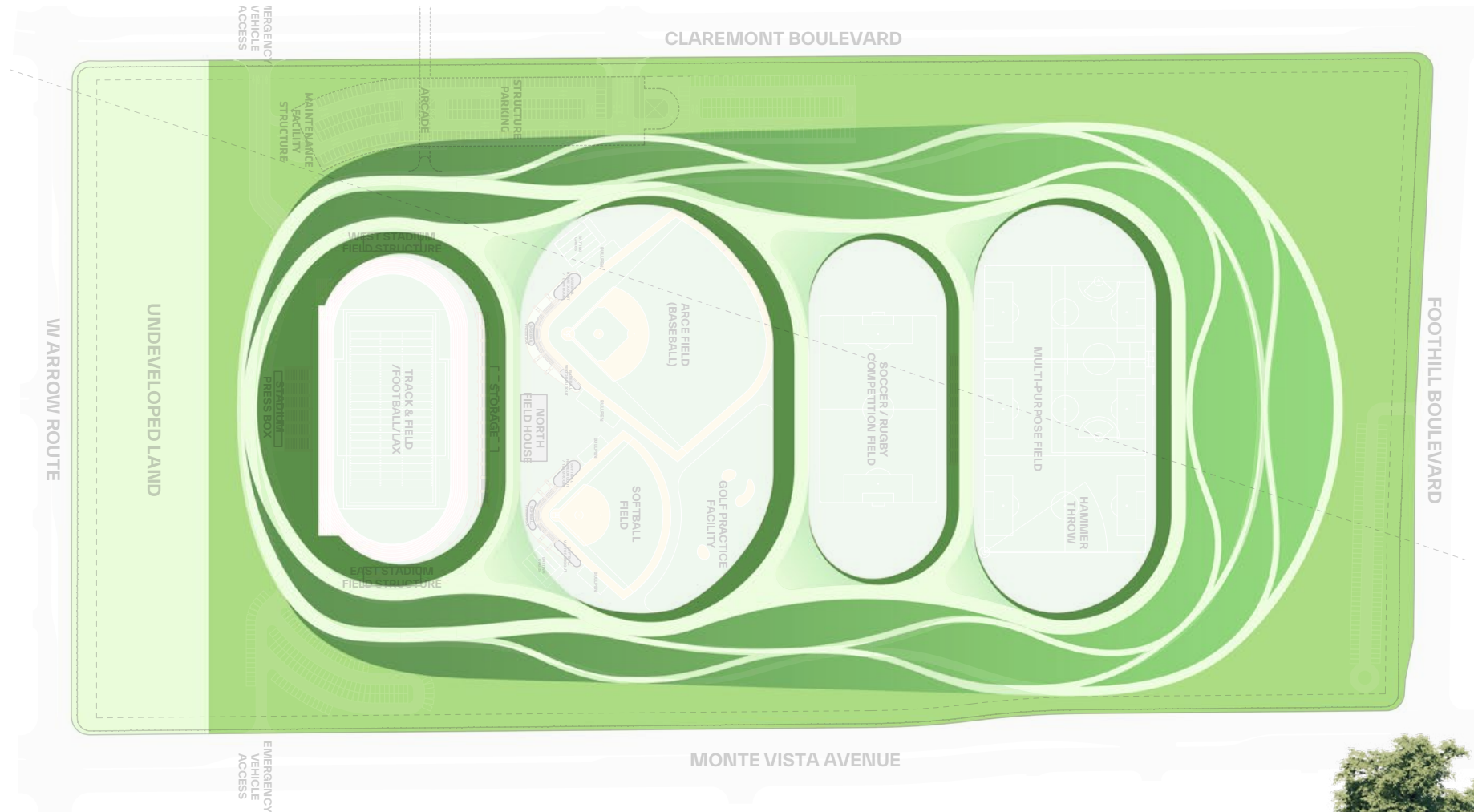
- PROPOSED GRADING
- 2016 GRADING
- - - EXISTING FILL
- - - NATIVE SOIL

SECTIONS



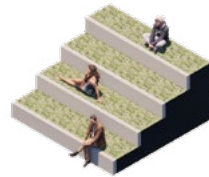
SECTIONS

- PROPOSED GRADING
- 2016 GRADING
- - - EXISTING FILL
- - - NATIVE SOIL



STANDS

1:2



LANDSCAPE SEATING



BUSHES

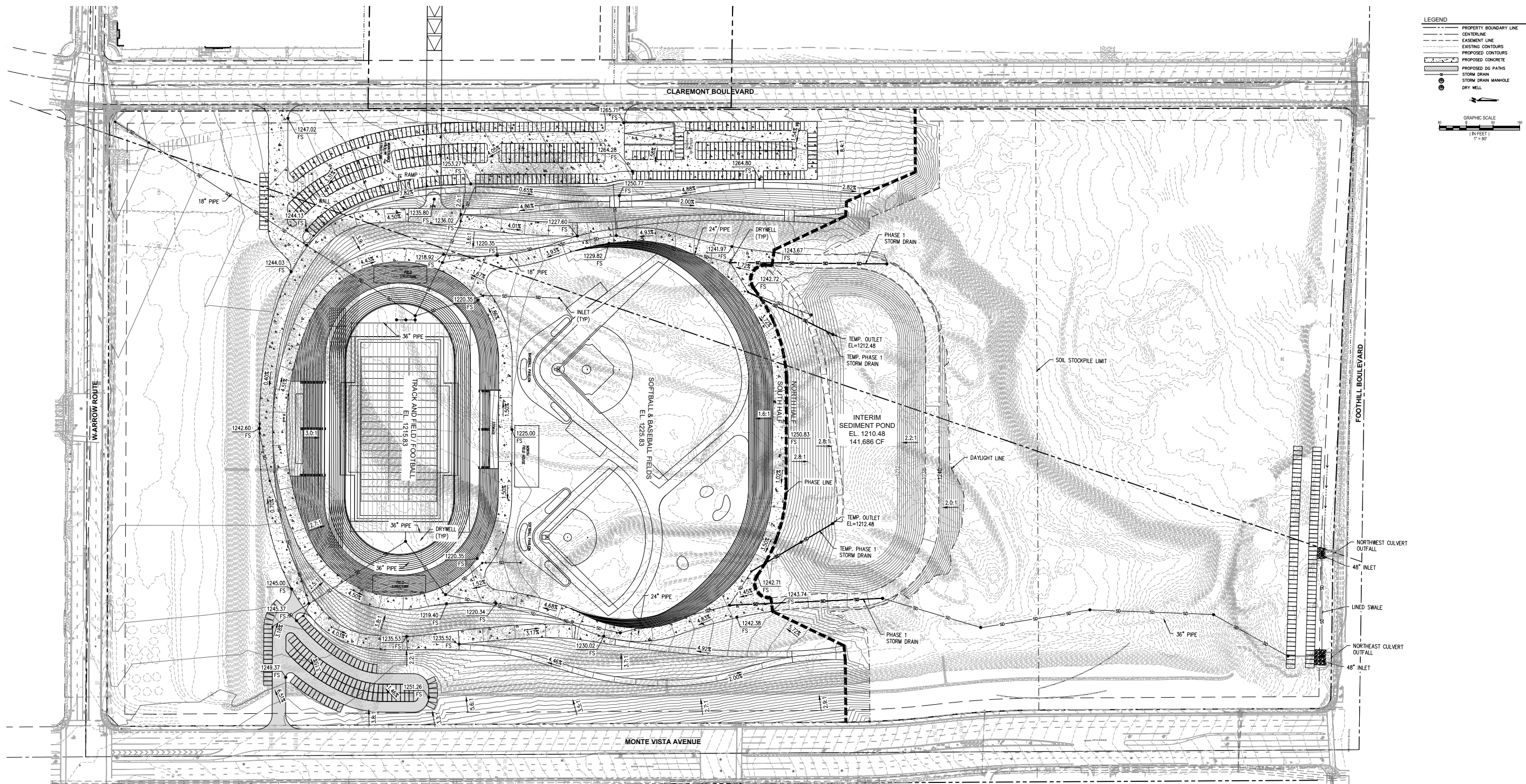


FOREST

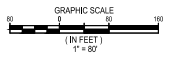
1:5

SLOPE CONCEPT

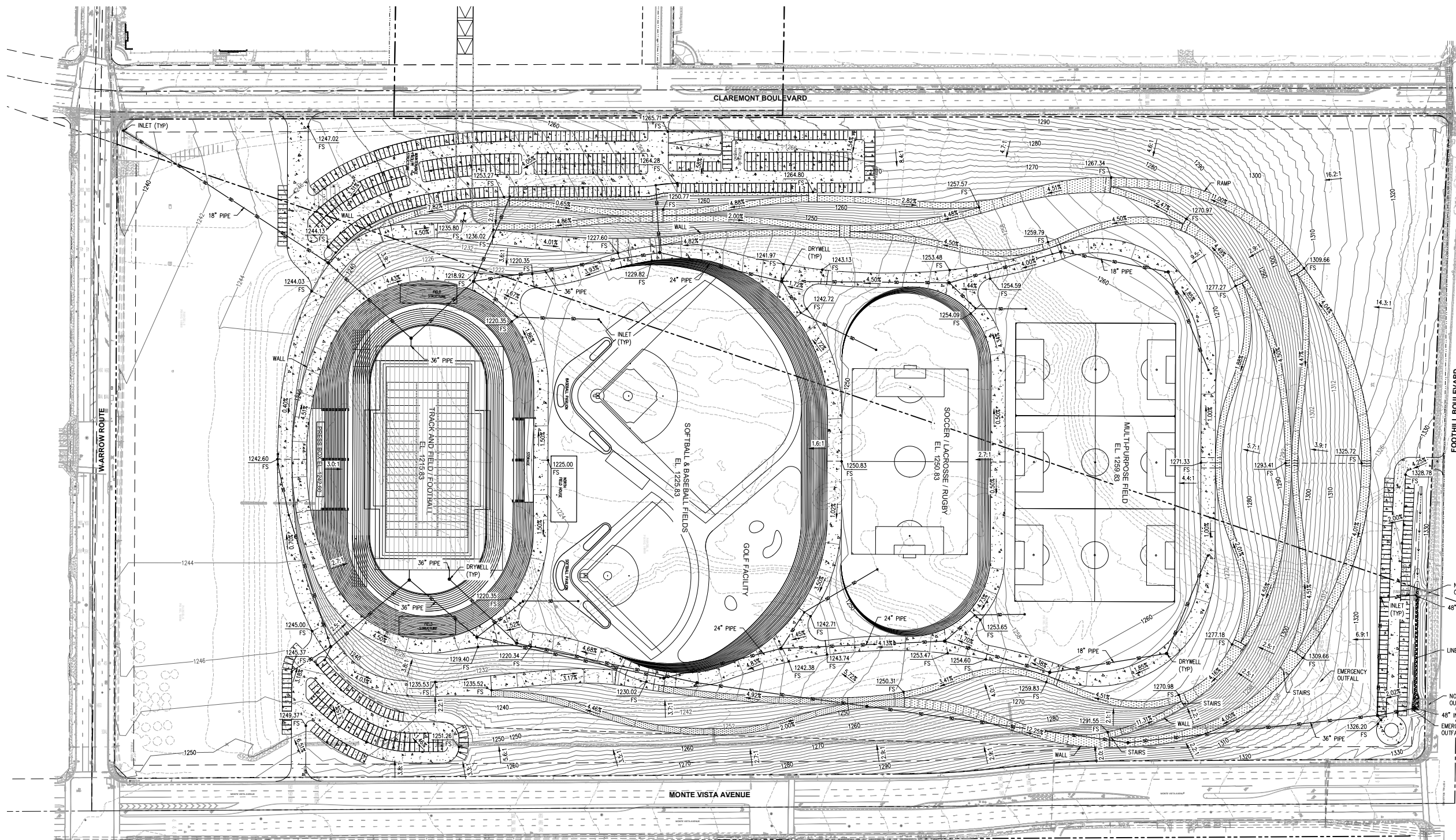




- LEGEND**
- PROPERTY BOUNDARY LINE
 - CENTERLINE
 - EXISTENCE LINE
 - EXISTING CONTOURS
 - PROPOSED CONTOURS
 - PROPOSED CONCRETE
 - PROPOSED DG PATHS
 - STORM DRAIN
 - STORM DRAIN MANHOLE
 - DRY WELL



ROUGH GRADING CONCEPT: PHASE 1 DEVELOPMENT

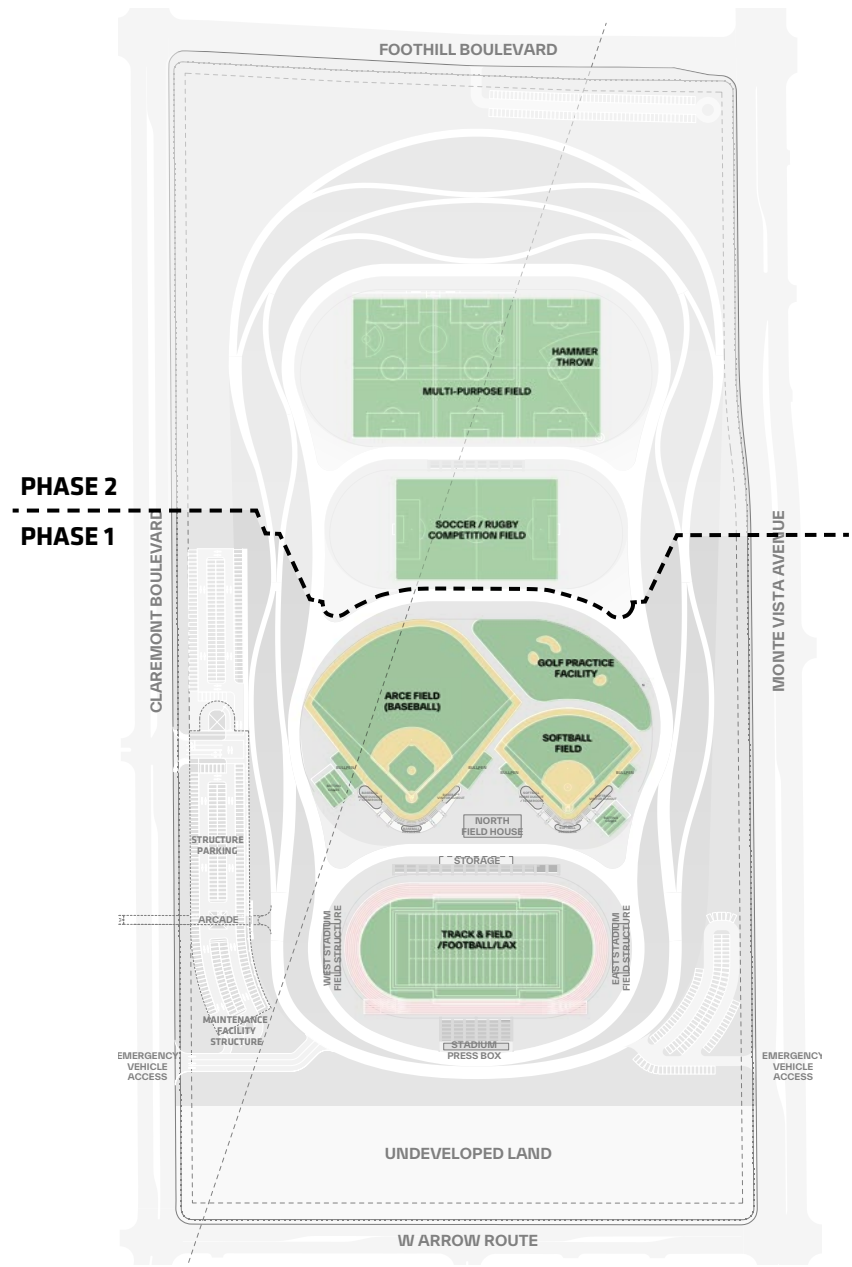


LEGEND

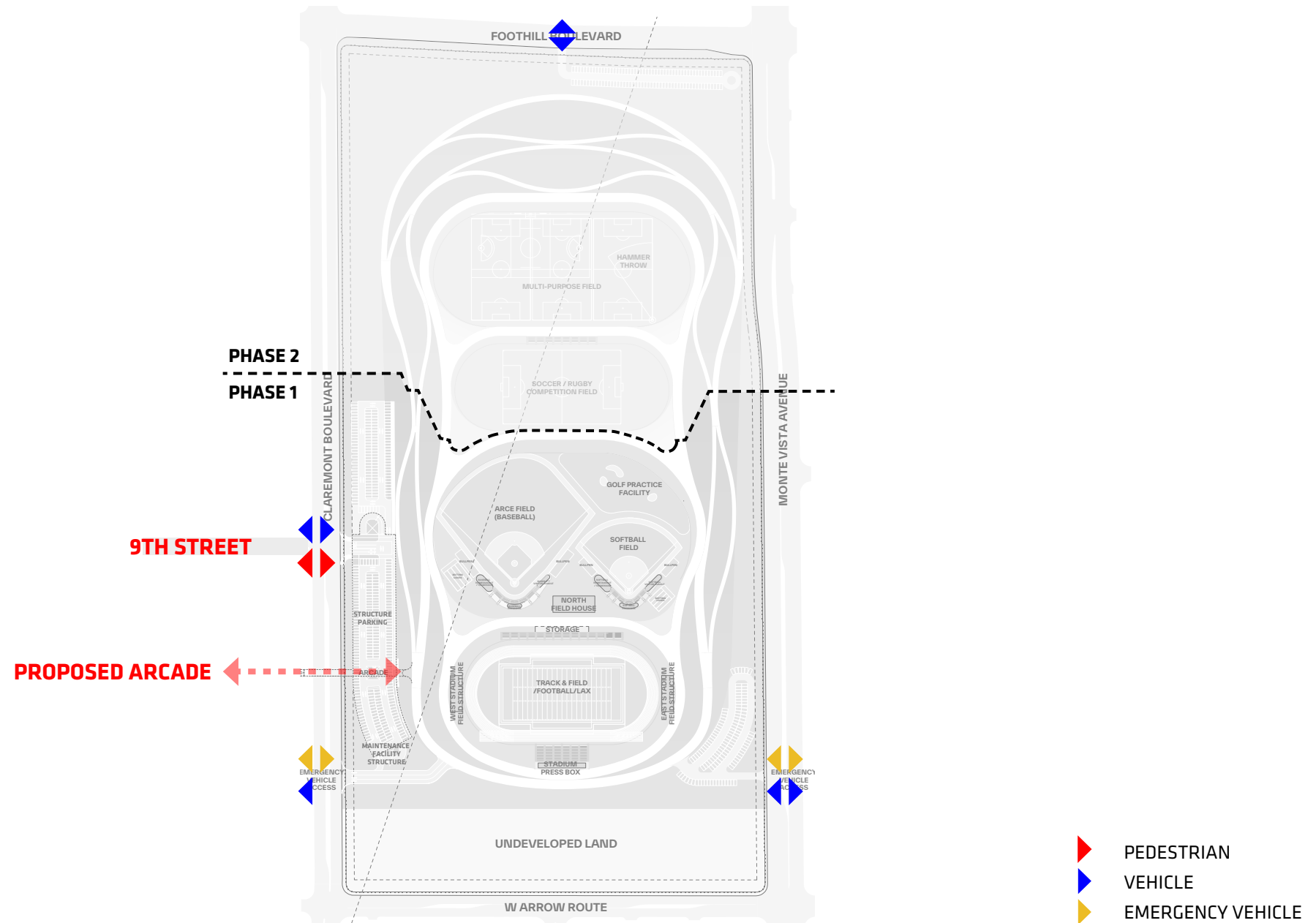
- PROPERTY BOUNDARY LINE
- CENTERLINE
- EASEMENT LINE
- EXISTING CONTOURS
- PROPOSED CONTOURS
- PROPOSED CONCRETE
- PROPOSED DG PATHS
- STORM DRAIN
- STORM DRAIN MANHOLE
- DRY WELL

GRAPHIC SCALE
1" = 80'

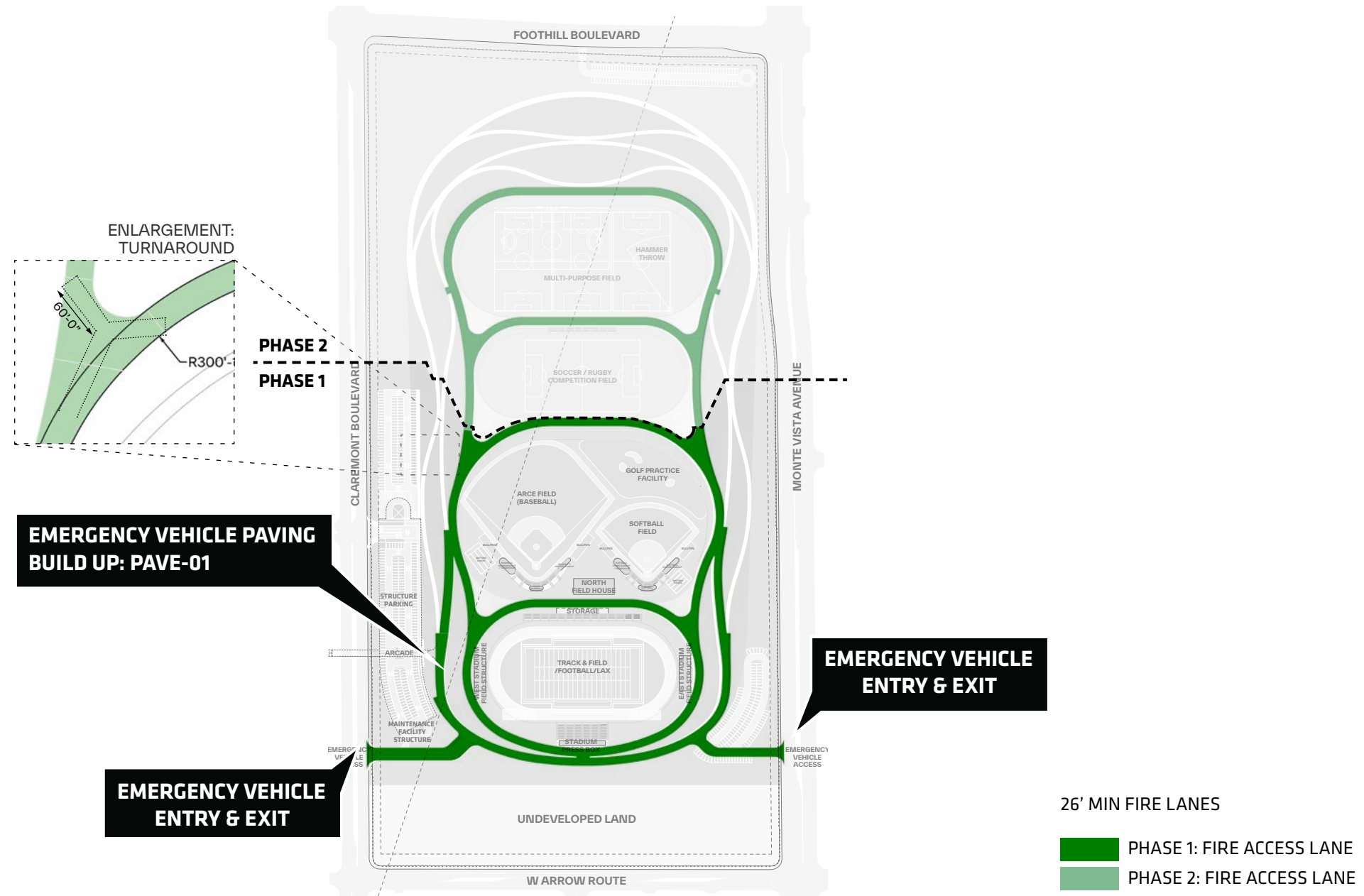
ROUGH GRADING CONCEPT: PHASE 2 DEVELOPMENT



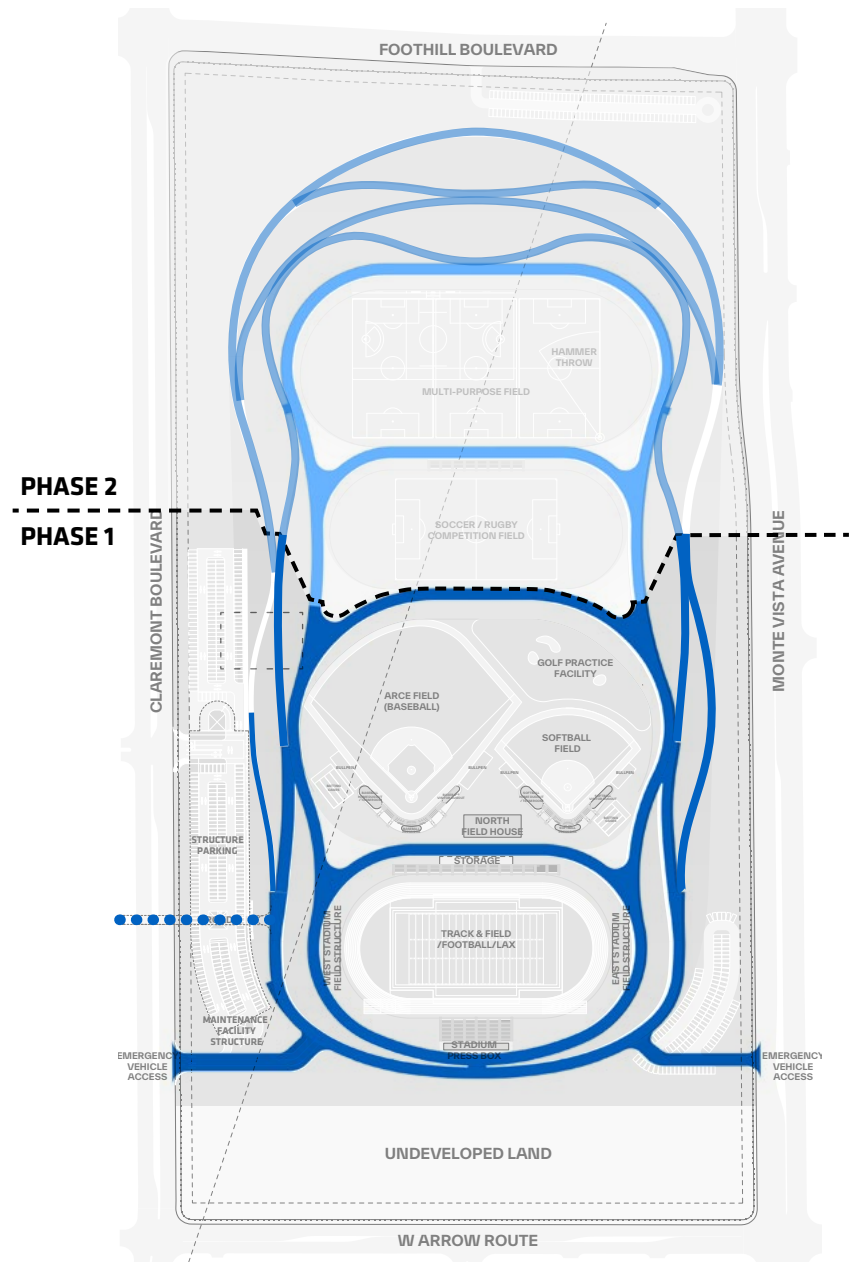
SPORTS FIELD



ACCESS

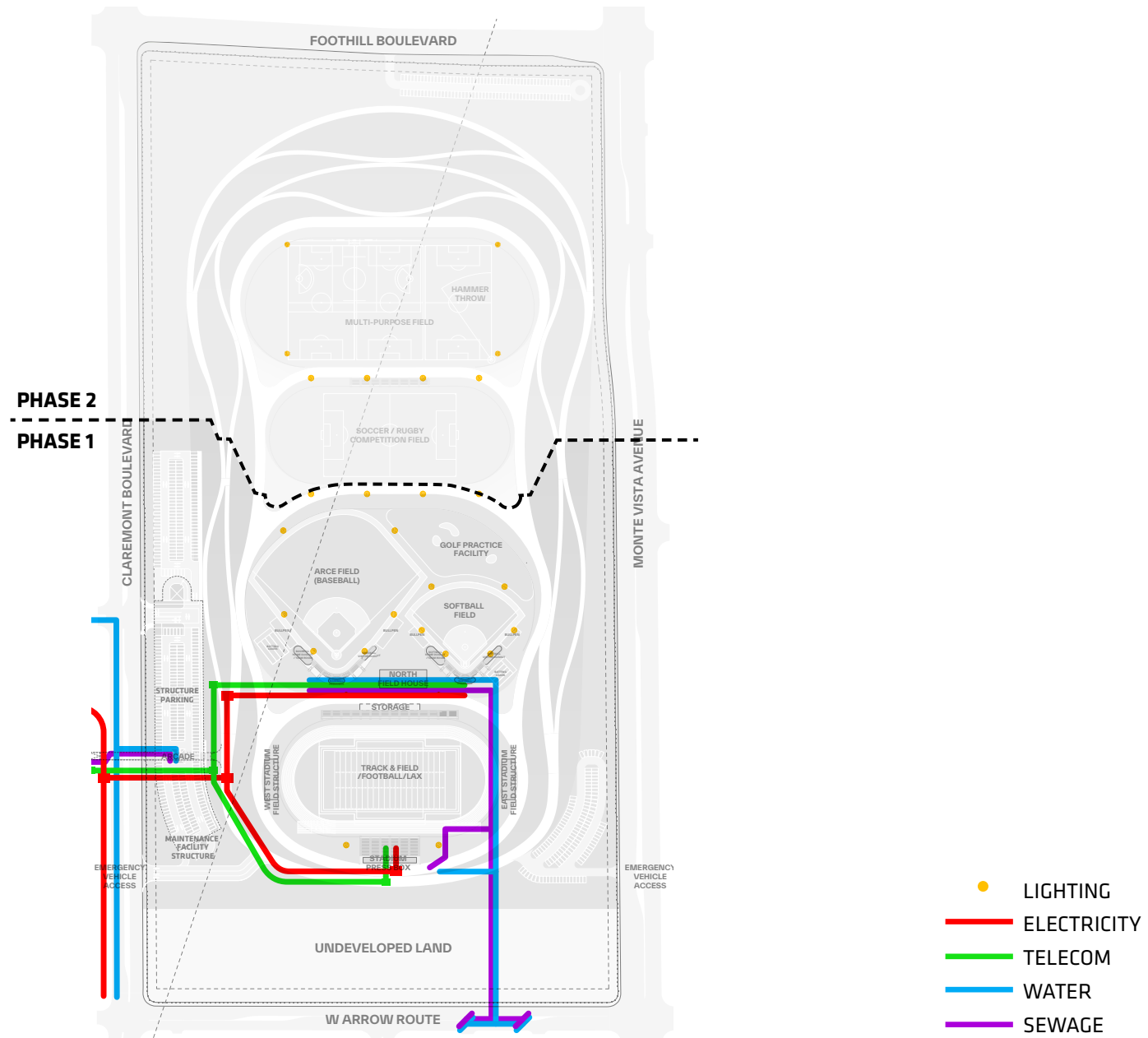


EMERGENCY VEHICLE PATH



- PHASE 1: ACCESSIBLE ROUTE
- PHASE 1: UNDERGROUND ACCESSIBLE ROUTE
- PHASE 2: ACCESSIBLE ROUTE

ACCESSIBLE ROUTE



CONCEPTUAL UTILITY PLAN





**ROBERTS CAMPUS SPORTS BOWL
LANDSCAPE**

TOP OF SLOPE

ON SLOPE

BASIN

COASTAL SAGE SCRUB / CHAPARRAL

ALLUVIAL SAGE SCRUB / SOUTHERN OAK FOREST

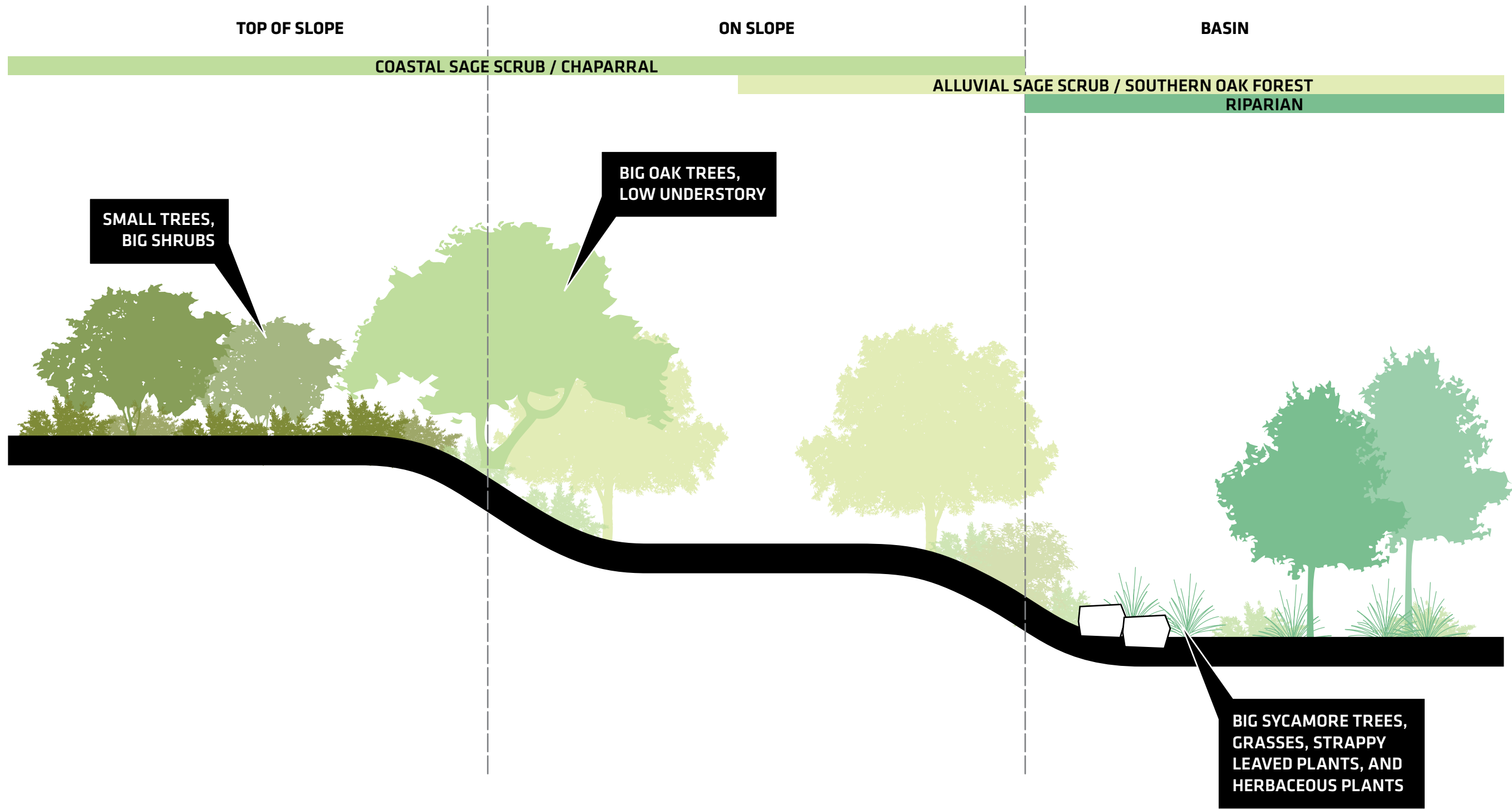
RIPARIAN

SMALL TREES,
BIG SHRUBS

BIG OAK TREES,
LOW UNDERSTORY

BIG SYCAMORE TREES,
GRASSES, STRAPPY
LEAVED PLANTS, AND
HERBACEOUS PLANTS

PLANTING CONCEPT (NORTH/SOUTH)









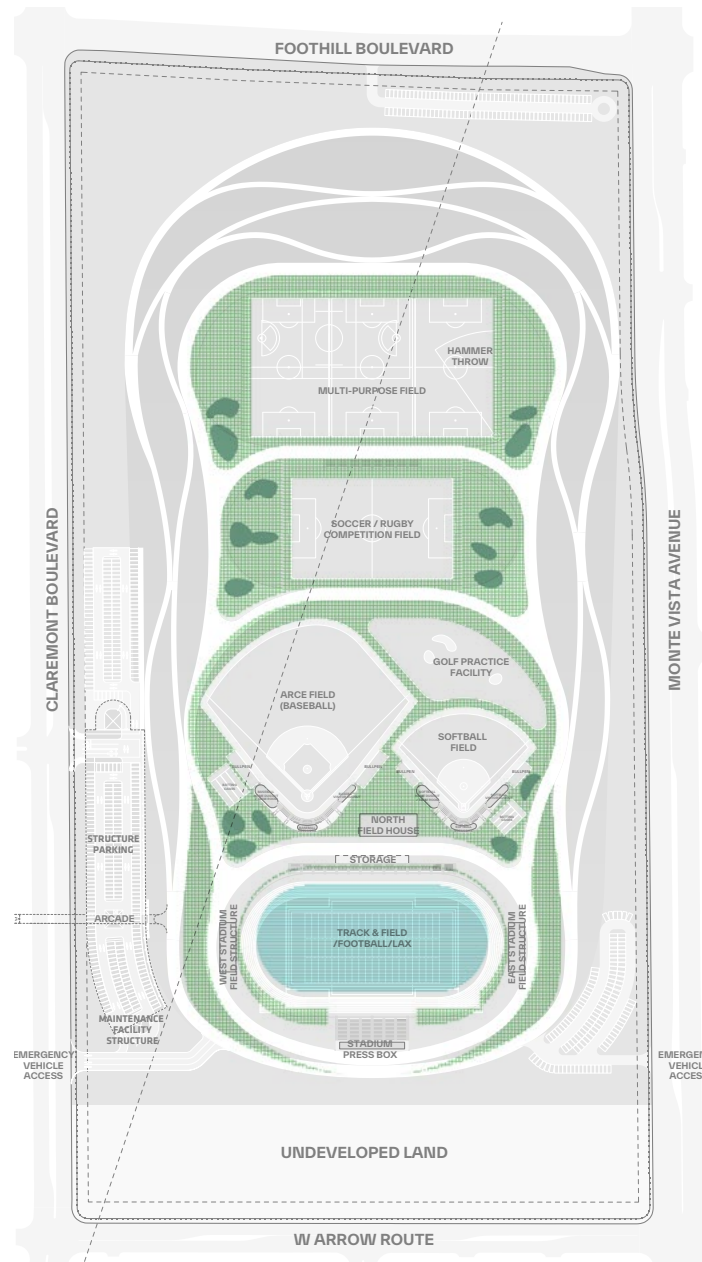
BIOSWALE AT THE BOTTOM OF THE BOWL






BIORETENTION/ DRY POND



BIOSWALE NEAR PARKING



-  WATER STORAGE
-  BIO-RETENTION / DRY POND
-  BIOSWALE AREAS

STORMWATER MANAGEMENT STRATEGIES: DRY PONDS, BIOSWALE, AND STORM WATER STORAGE TANK

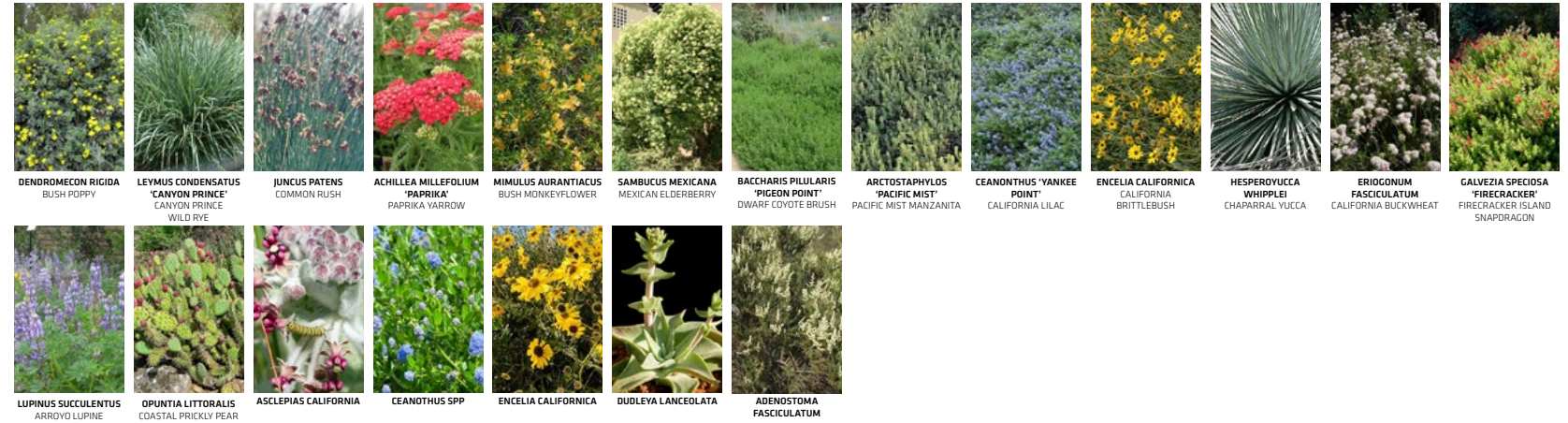
STORMWATER MANAGEMENT CONCEPTS



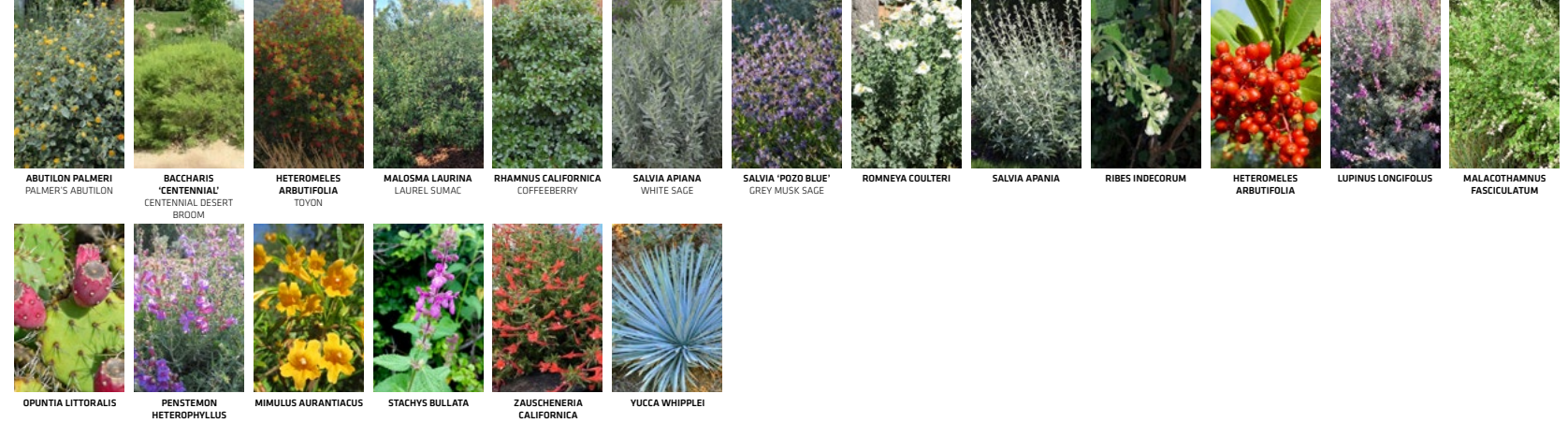
KEY

- PERIMETER PLANTING
- SLOPED VEGETATION
- ATHLETIC FIELD
- BIO SWALE VEGETATION
- PERIMETER PLANTING AT BOWLS

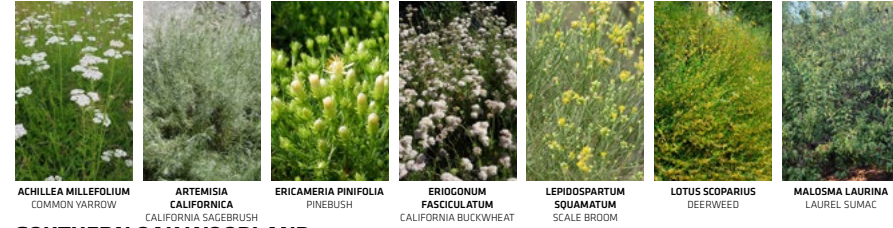
CHAPPARAL



COSTAL SAGE SCRUB



RIPARIAN PLANTING



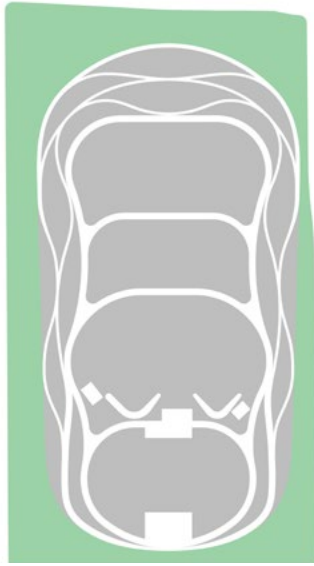
SOUTHERN OAK WOODLAND



BIOSWALE PLANTING



PLANTING ZONES



ABUTILON PALMERI
PALMER'S ABUTILON



BACCHARIS 'CENTENNIAL'
CENTENNIAL DESERT
BROOM



HETEROMELES ARBUTIFOLIA
TOYON



MALOSMA LAURINA
LAUREL SUMAC



RHAMNUS CALIFORNICA
COFFEEBERRY



SALVIA APIANA
WHITE SAGE



SALVIA 'POZO BLUE'
GREY MUSK SAGE



PERIMETER PLANTING



ABUTILON PALMERI
PALMER'S ABUTILON



BACCHARIS 'CENTENNIAL'
CENTENNIAL DESERT
BROOM



**HETEROMELES
ARBUTIFOLIA**
TOYON



MALOSMA LAURINA
LAUREL SUMAC



RHAMNUS CALIFORNICA
COFFEEBERRY



SALVIA APIANA
WHITE SAGE



SALVIA 'POZO BLUE'
GREY MUSK SAGE

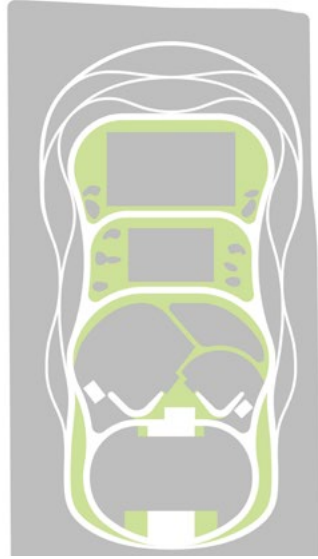


LUPINUS SUCCULENTUS
ARROYO LUPINE



OPUNTIA LITTORALIS
COASTAL PRICKLY PEAR

SLOPED PLANTING



DENDROMECON RIGIDA
BUSH POPPY



LEYMUS CONDENSATUS
'CANYON PRINCE'
CANYON PRINCE WILD RYE



JUNCUS PATENS
COMMON RUSH



ACHILLEA MILLEFOLIUM
'PAPRIKA'
PAPRIKA YARROW



MIMULUS AURANTIACUS
BUSH MONKEYFLOWER



SAMBUCUS MEXICANA
MEXICAN ELDERBERRY



BACCHARIS PILULARIS
'PIGEON POINT'
DWARF COYOTE BRUSH



PERIMETER PLANTING AT SPORTS BOWLS



ACHILLEA MILLEFOLIUM
COMMON YARROW



ARTEMISIA CALIFORNICA
CALIFORNIA SAGEBRUSH



ERICAMERIA PINIFOLIA
PINEBUSH



ERIOGONUM FASCICULATUM
CALIFORNIA BUCKWHEAT



LEPIDOSPARTUM SQUAMATUM
SCALE BROOM



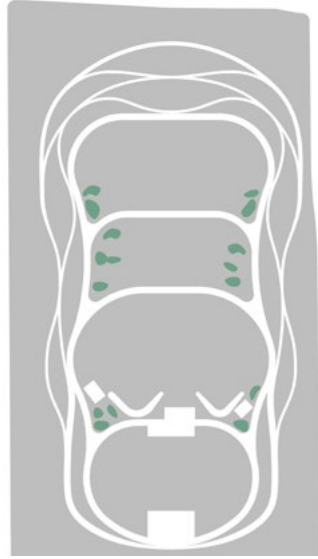
LOTUS SCOPARIUS
DEERWEED



MALOSMA LAURINA
LAUREL SUMAC



RIPARIAN PLANTING



ERIGERON GLAUCUS
SEASIDE DAISY



JUNCUS PATENS
COMMON RUSH



**MUHLENBERGIA
CAPILARIS**
HAIRAWN MULHY



BUCHLOE DACTYLOIDES
BUFFALO GRASS



CAREX PANSA
DUNE SEDGE



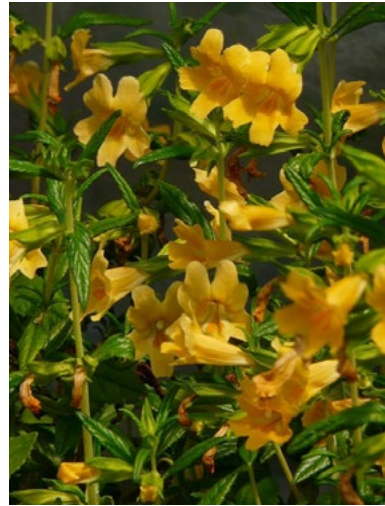
CAREX PRAEGRACILIS
CLUSTERED FIELD SEDGE



BIOSWALE PLANTING



ARCTOSTAPHYLOS UVA-URSI
'WOOD'S COMPACT'
WOOD'S COMPACT
KINNIKINNICK



DIPLACUS AURANTIACUS
LOMPOENSIS
VANDENBERG MONKEY
FLOWER



ZAUSCHNERIA CALIFORNICA
'BERT'S BLUFF'
CALIFORNIA FUCHSIA



CALAMAGROSTIS FOLIOSA
LEAFY REED GRASS



ARCTOSTAPHYLOS
DENSIFLORA 'IAN BUSH'
IAN BUSH MANZANITA



TRICHOSTEMA LANATUM
WOOLLY BLUE CURLS



PLATANUS RACEMOSA
CALIFORNIA SYCAMORE



QUERCUS AGRIFOLIA
COAST LIVE OAK



GINKGO BILOBA
MAIDENHAIR TREE



QUERCUS ILEX
HOLLY OAK



KOELREUTERIA BIPINNATA
CHINESE FLAME TREE

BIOSWALE PLANTING PALETTE AT STREETSCAPE



PROTECTED BIKE LANE WITH PLANTED MEDIAN



DENSE SUCCULENT MIX FOR SCREENING AND TEXTURE



INTEGRATED LANDSCAPE LAYERS



CURB CUTS FEED INTO BIOSWALE



SPARSE PLANTING HIGHLIGHTS BIOSWALE



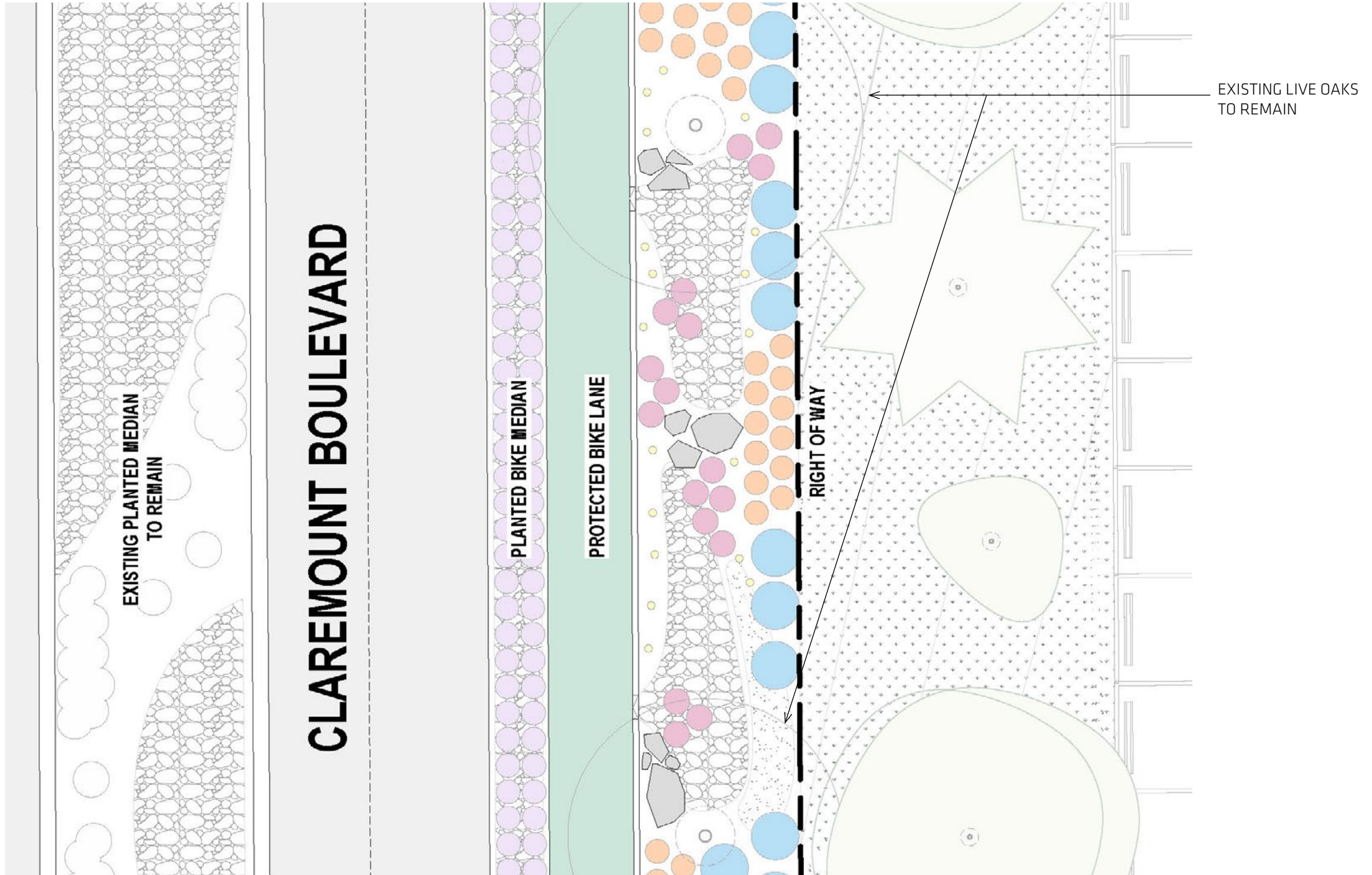
LARGE BOULDERS, GRAVEL, AND GRASS MIX

FOOTHILL BOULEVARD STREETScape
CLAREMONT, CA

WHITTIER GREENWAY TRAIL
WHITTIER, CA

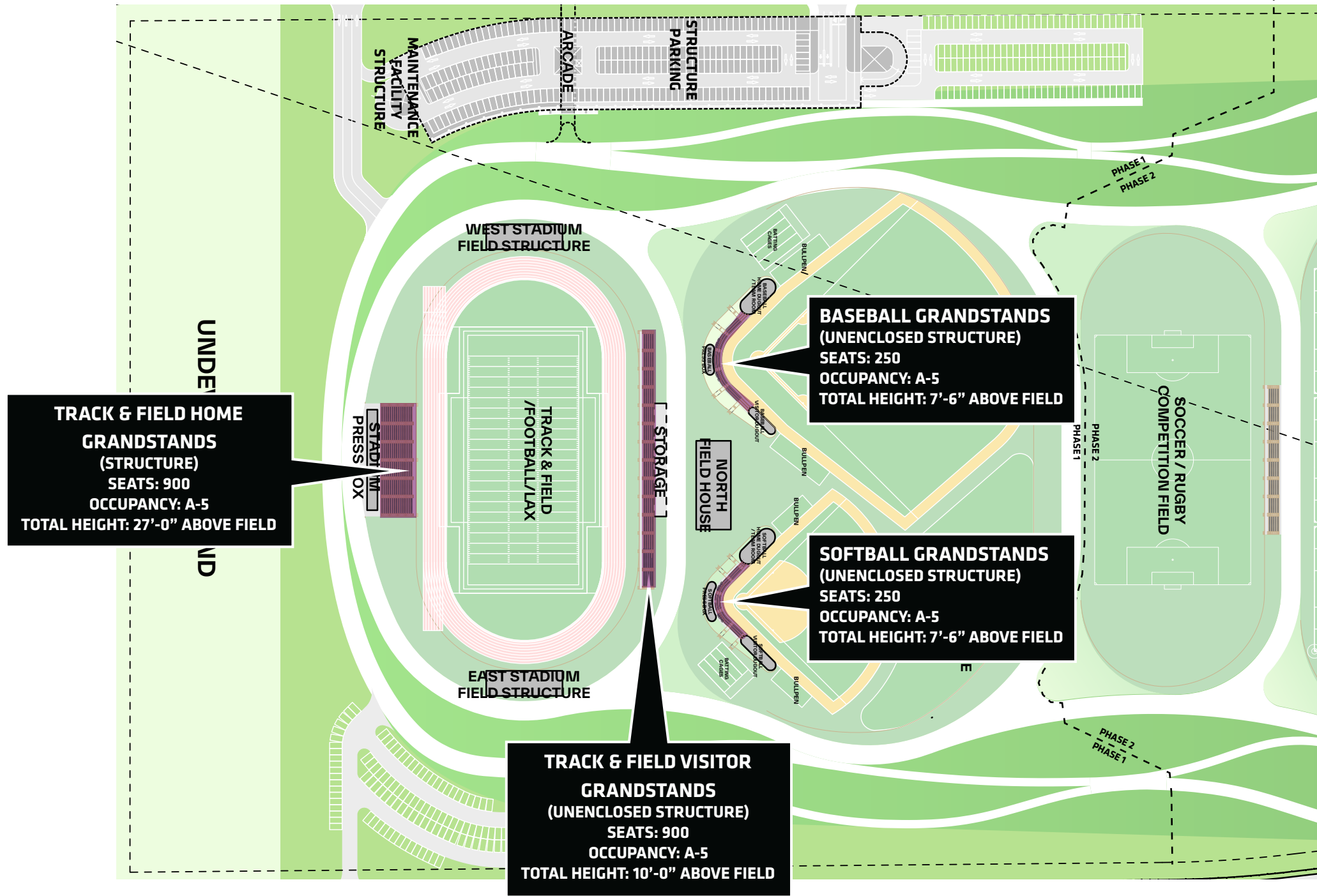
UCSD KEELING APARTMENTS
SAN DIEGO, CA

BIOSWALE PLANTING PRECEDENT IMAGES



BIOSWALE PLANTING AT STREETSCAPE

**ROBERTS CAMPUS SPORTS BOWL
STRUCTURES**



PHASE 1: SPECTATOR SEATING

WDE-01

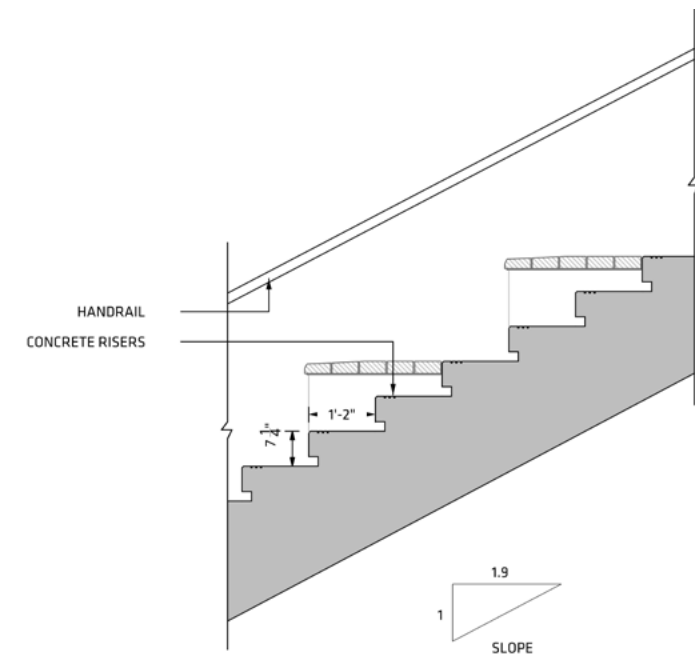
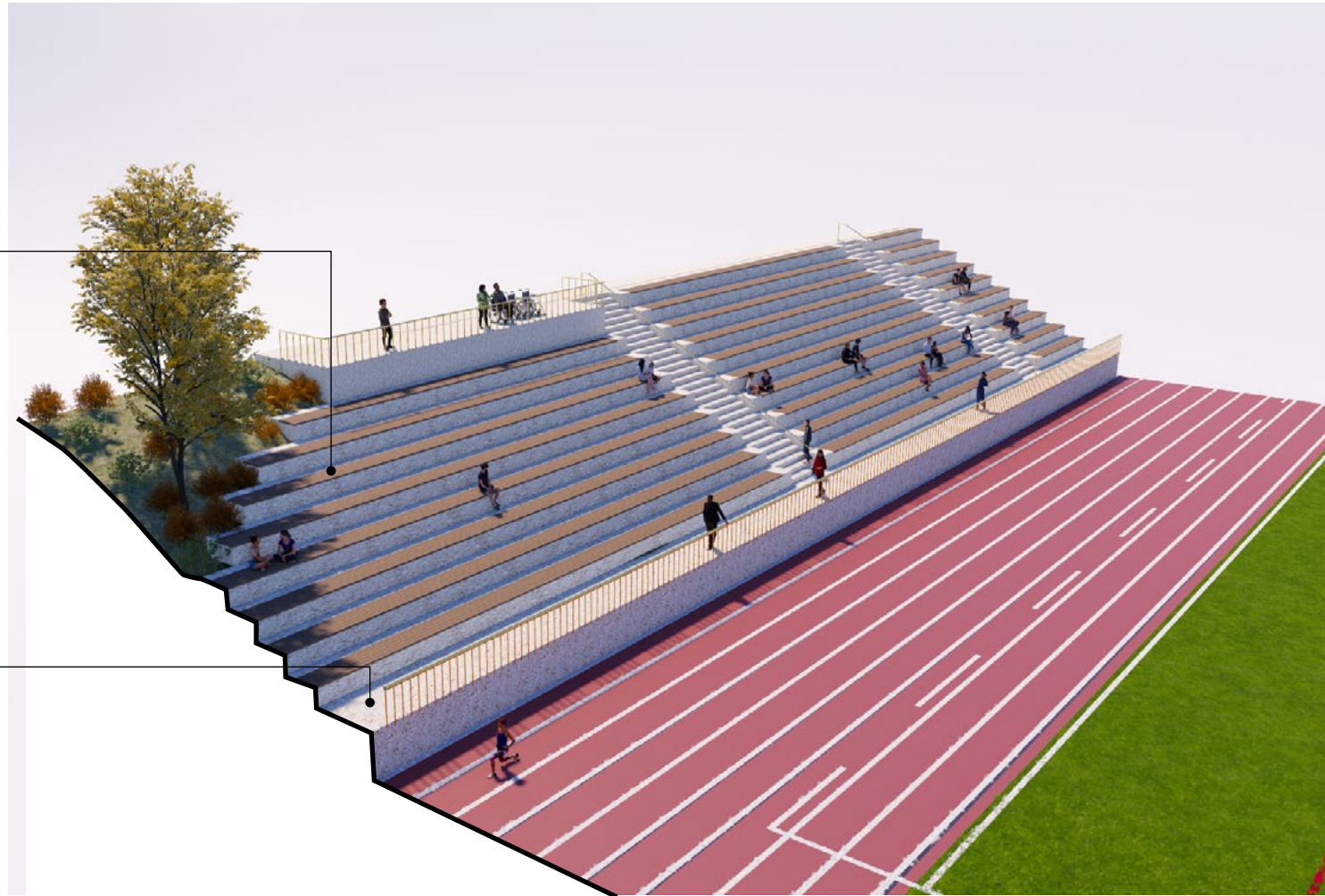


PRE-WEATHERED
WOOD BENCHES

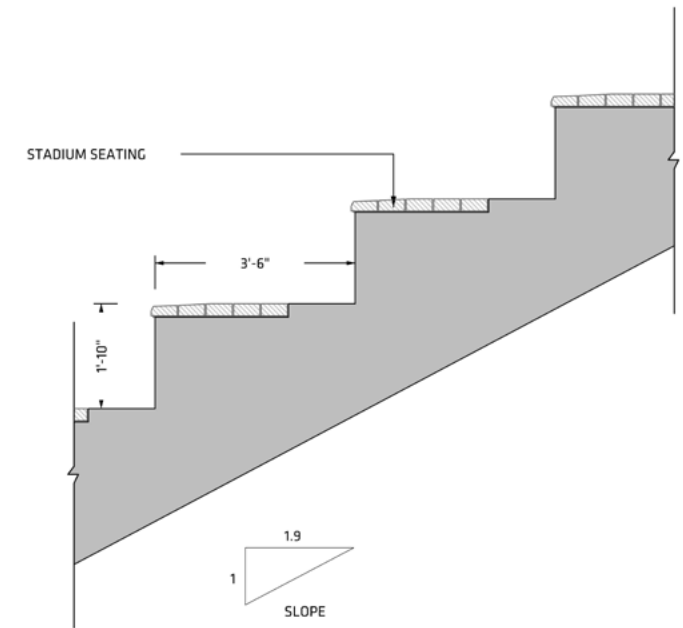
CONC-01A



CAST IN PLACE
CONCRETE

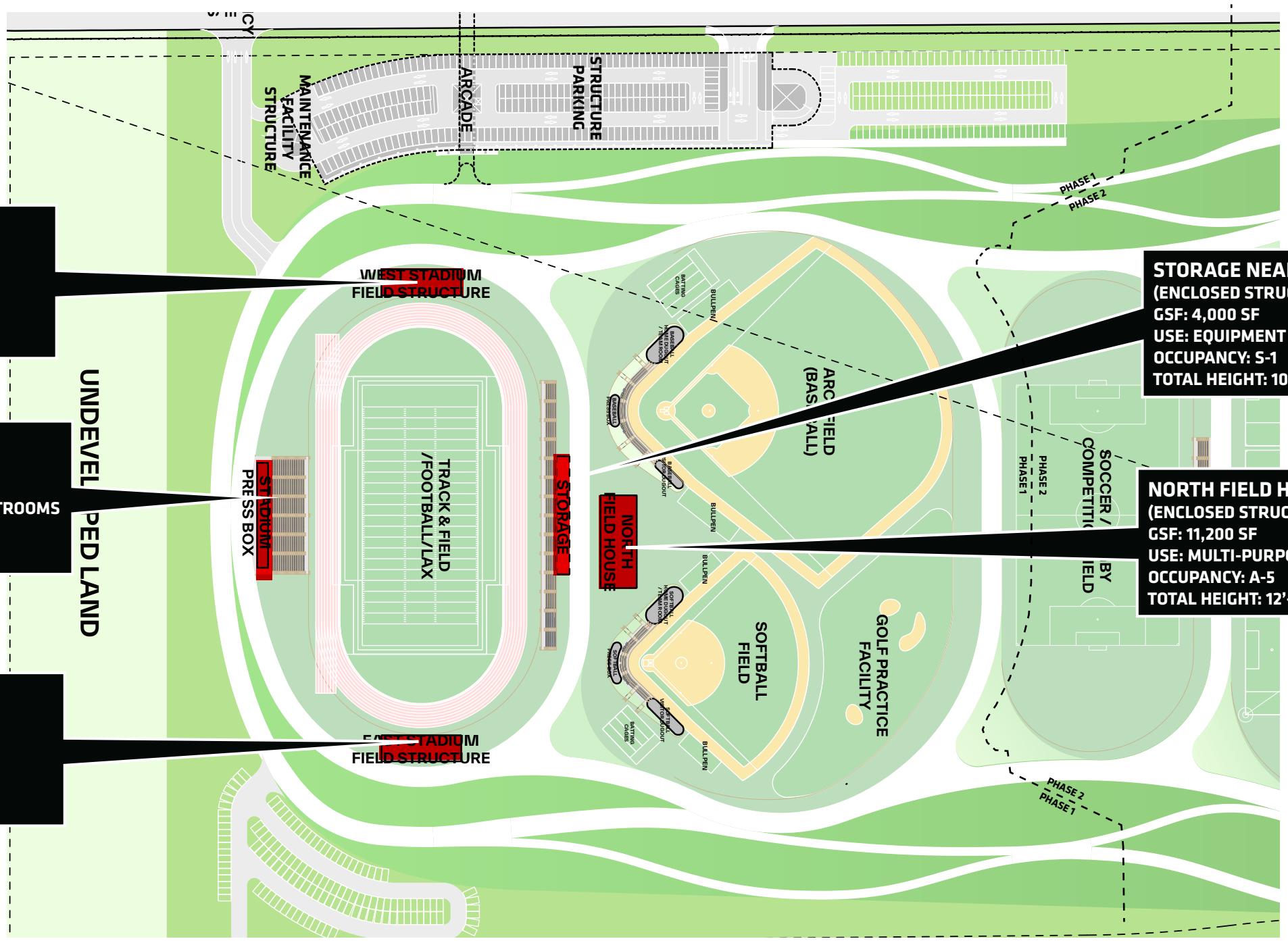


SPECTATOR SEATING AT STAIR



SPECTATOR SEATING AT SEAT STEPS

SPECTATOR SEATING_MATERIALITY & DETAIL CONCEPT



WEST STADIUM FIELD STRUCTURE
 (ENCLOSED STRUCTURE)
 GSF: 9,000 SF
 USE: LOCKER, OFFICE, LAUNDRY, RESTROOM
 OCCUPANCY: A-5
 TOTAL HEIGHT: 12'-0"

STADIUM PRESS BOX
 (ENCLOSED STRUCTURE)
 GSF: 3,200 SF
 USE: PRESS BOX, MULTI-PURPOSE ROOM, RESTROOMS
 OCCUPANCY: B
 TOTAL HEIGHT: 12'-0"

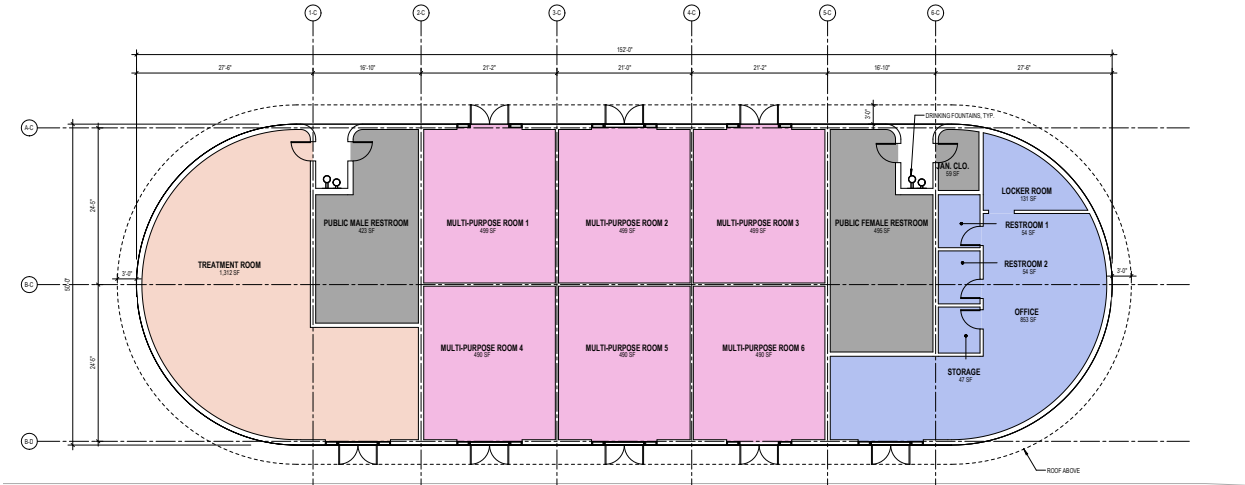
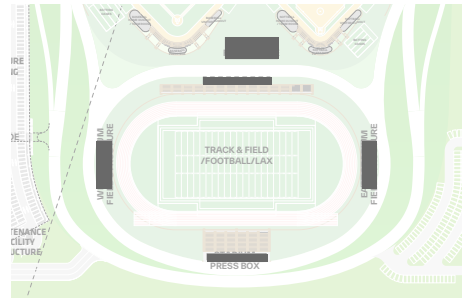
EAST STADIUM FIELD STRUCTURE
 (ENCLOSED STRUCTURE)
 GSF: 9,000 SF
 USE: LOCKER, OFFICE, LAUNDRY, RESTROOM
 OCCUPANCY: A-5
 TOTAL HEIGHT: 12'-0"

STORAGE NEAR SPECTATOR
 (ENCLOSED STRUCTURE)
 GSF: 4,000 SF
 USE: EQUIPMENT STORAGE
 OCCUPANCY: S-1
 TOTAL HEIGHT: 10'-0"

NORTH FIELD HOUSE
 (ENCLOSED STRUCTURE)
 GSF: 11,200 SF
 USE: MULTI-PURPOSE ROOM, OFFICE, LOCKERS, RESTROOM
 OCCUPANCY: A-5
 TOTAL HEIGHT: 12'-0"

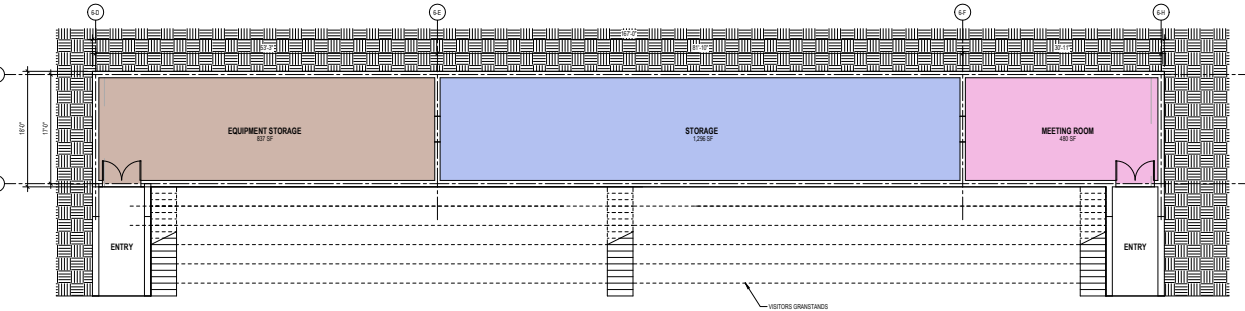
UNDEVEL
 PED LAND

PHASE 1: TRACK & FIELD BOWL

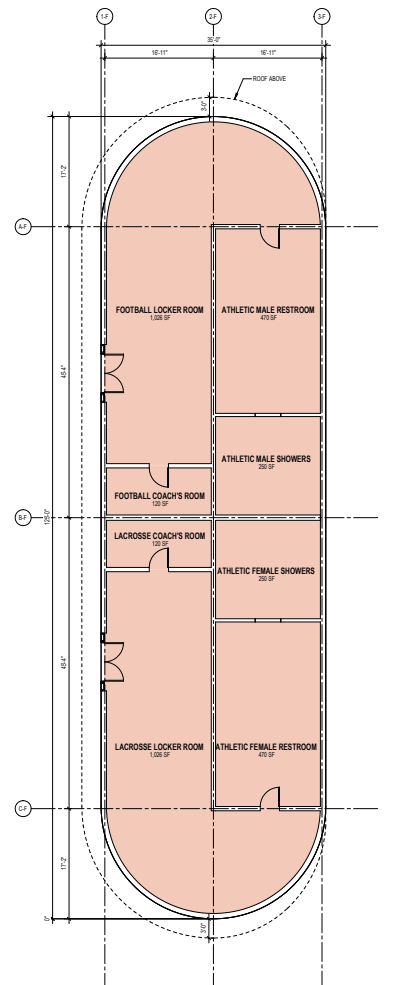


NORTH FIELD HOUSE

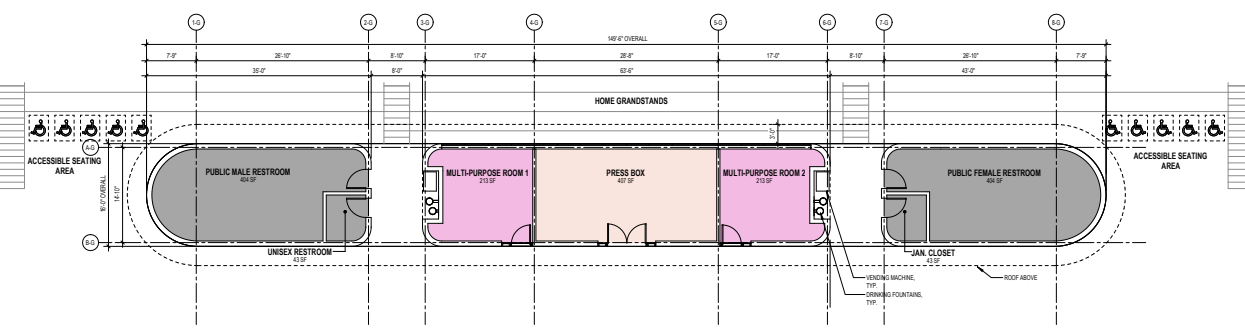
- LOCKERS/CHANGING ROOM
- ATHLETIC SUPPORT
- MULTIPURPOSE / MEETING
- STORAGE
- ADMINISTRATION



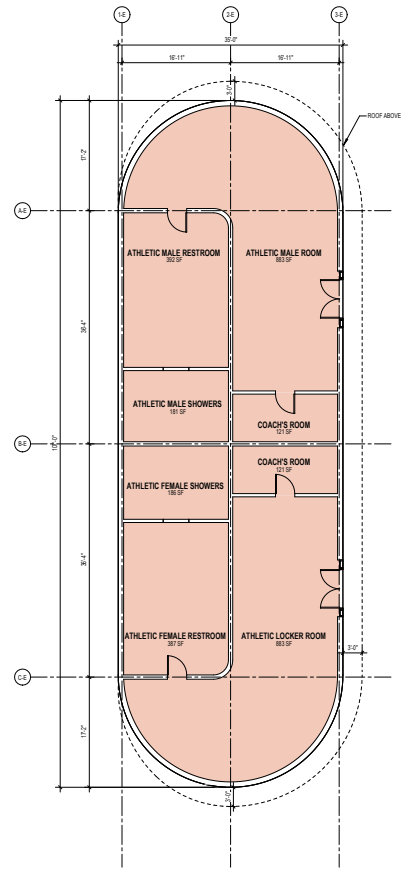
STORAGE



EAST STADIUM FIELD STRUCTURE

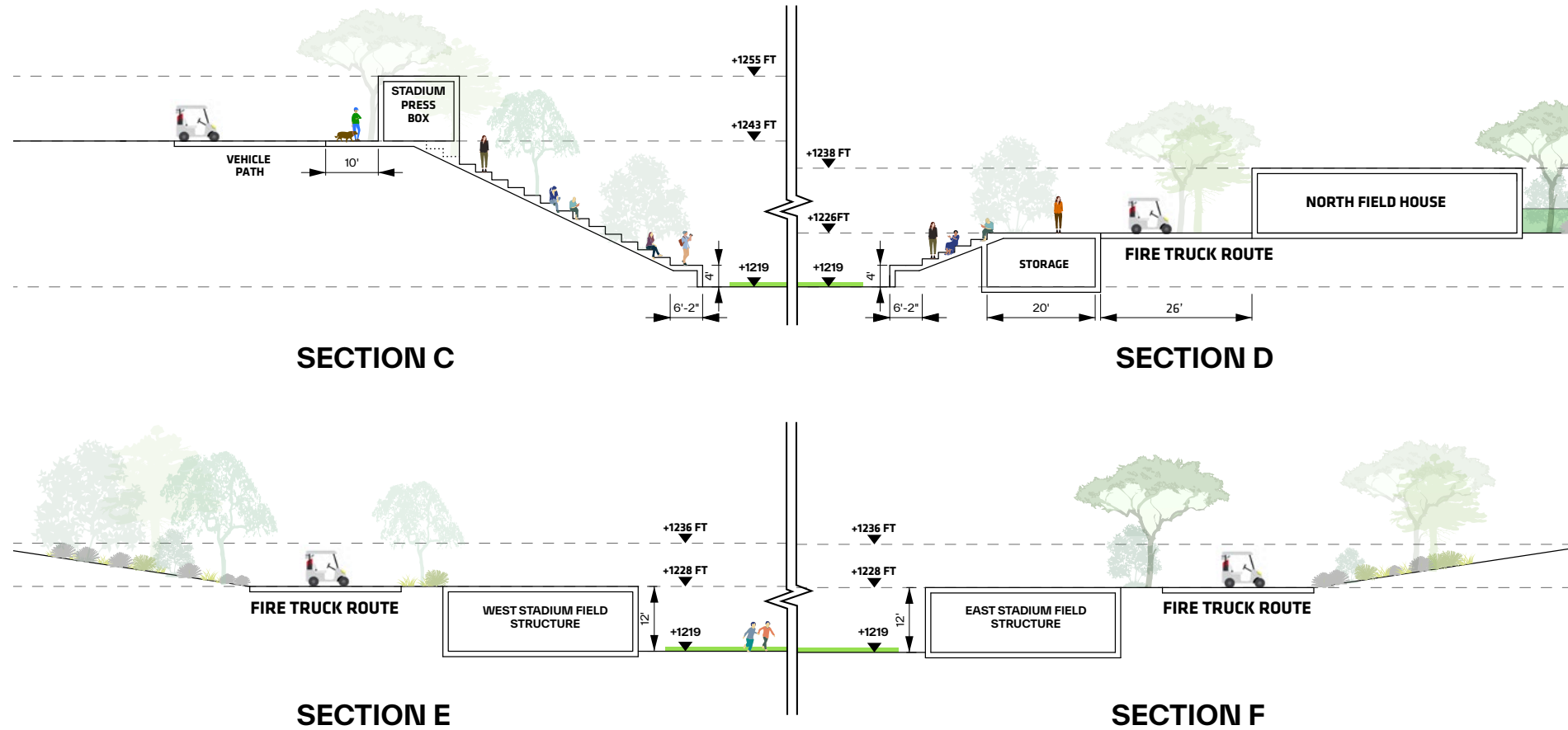
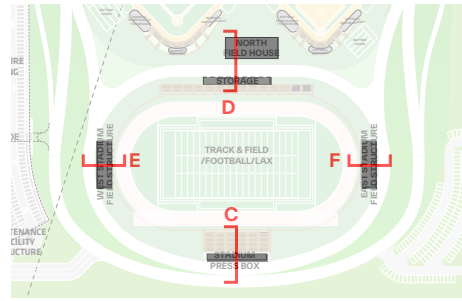


STADIUM PRESS BOX



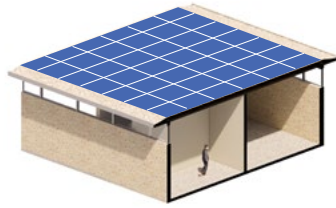
WEST STADIUM FIELD STRUCTURE

TRACK & FIELD SUPPORT STRUCTURE_CONCEPTUAL PLAN



NORTH FIELD HOUSE_CONCEPTUAL SECTIONS

PV PANELS MAY BE INSTALLED



MTL-01



EXTERIOR METAL FASCIA

GRAV-01



GRAVEL

CONC-01

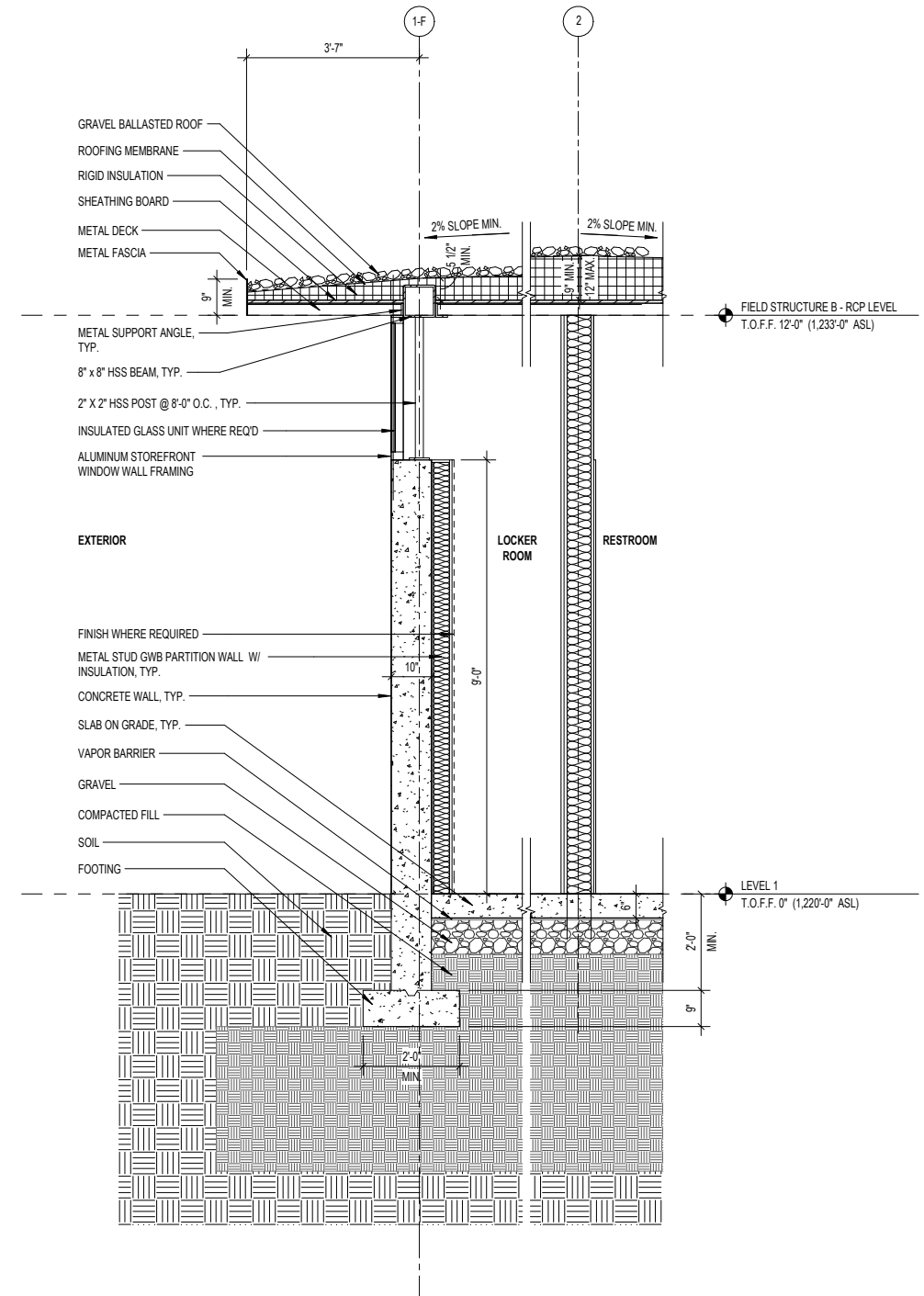


CAST IN PLACE CONCRETE

MEL-02



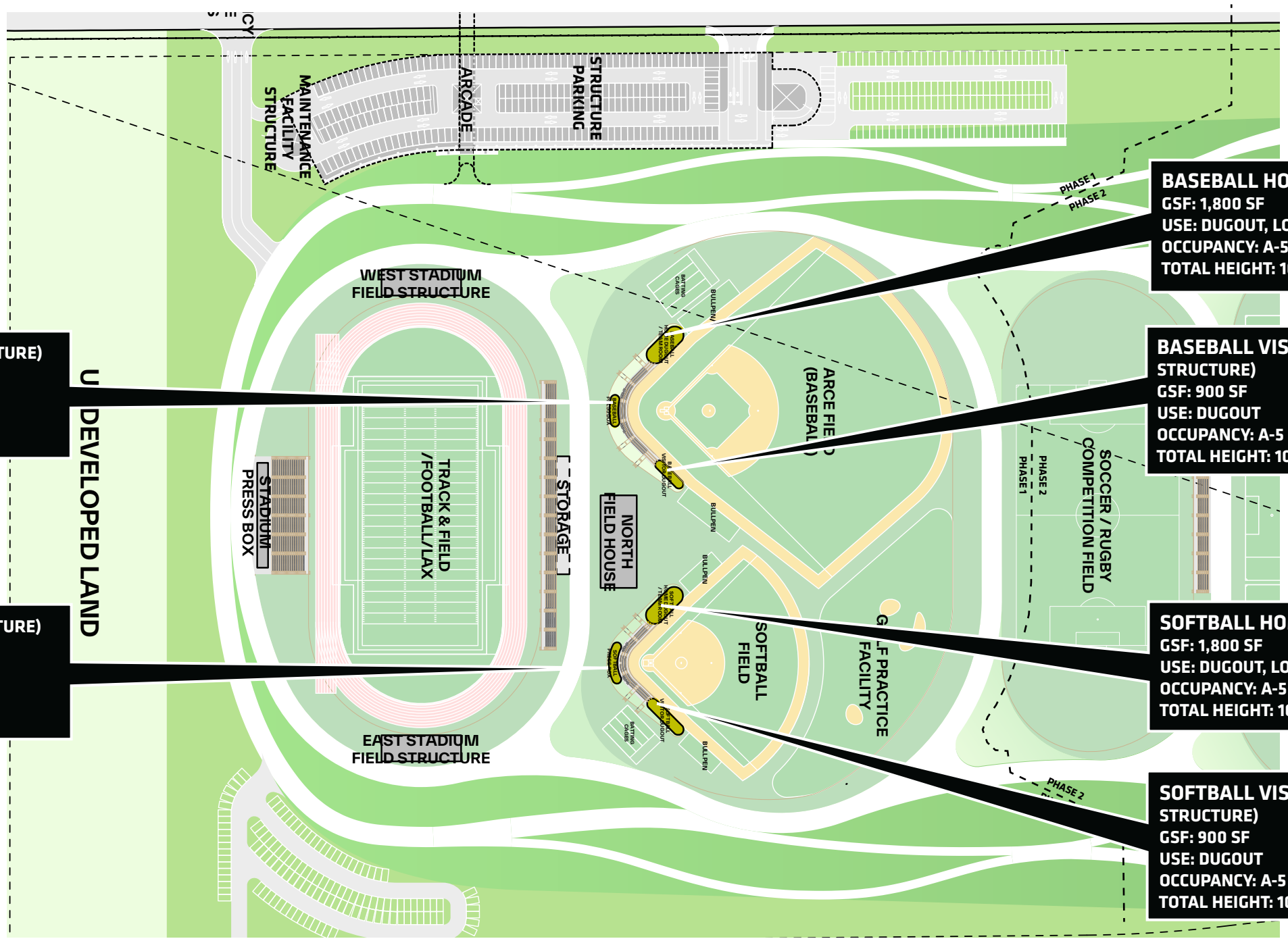
METAL POST/ROOF METAL



TRACK & FIELD SUPPORT STRUCTURE_MATERIALITY & DETAIL CONCEPT







BASEBALL HOME DUGOUT/ TEAM ROOM
 GSF: 1,800 SF
 USE: DUGOUT, LOCKERS, STORAGE, RESTROOMS
 OCCUPANCY: A-5
 TOTAL HEIGHT: 10'-0"

BASEBALL VISITOR DUGOUT (UNENCLOSED STRUCTURE)
 GSF: 900 SF
 USE: DUGOUT
 OCCUPANCY: A-5
 TOTAL HEIGHT: 10'-0"

SOFTBALL HOME DUGOUT/ TEAM ROOM
 GSF: 1,800 SF
 USE: DUGOUT, LOCKERS, STORAGE, RESTROOMS
 OCCUPANCY: A-5
 TOTAL HEIGHT: 10'-0"

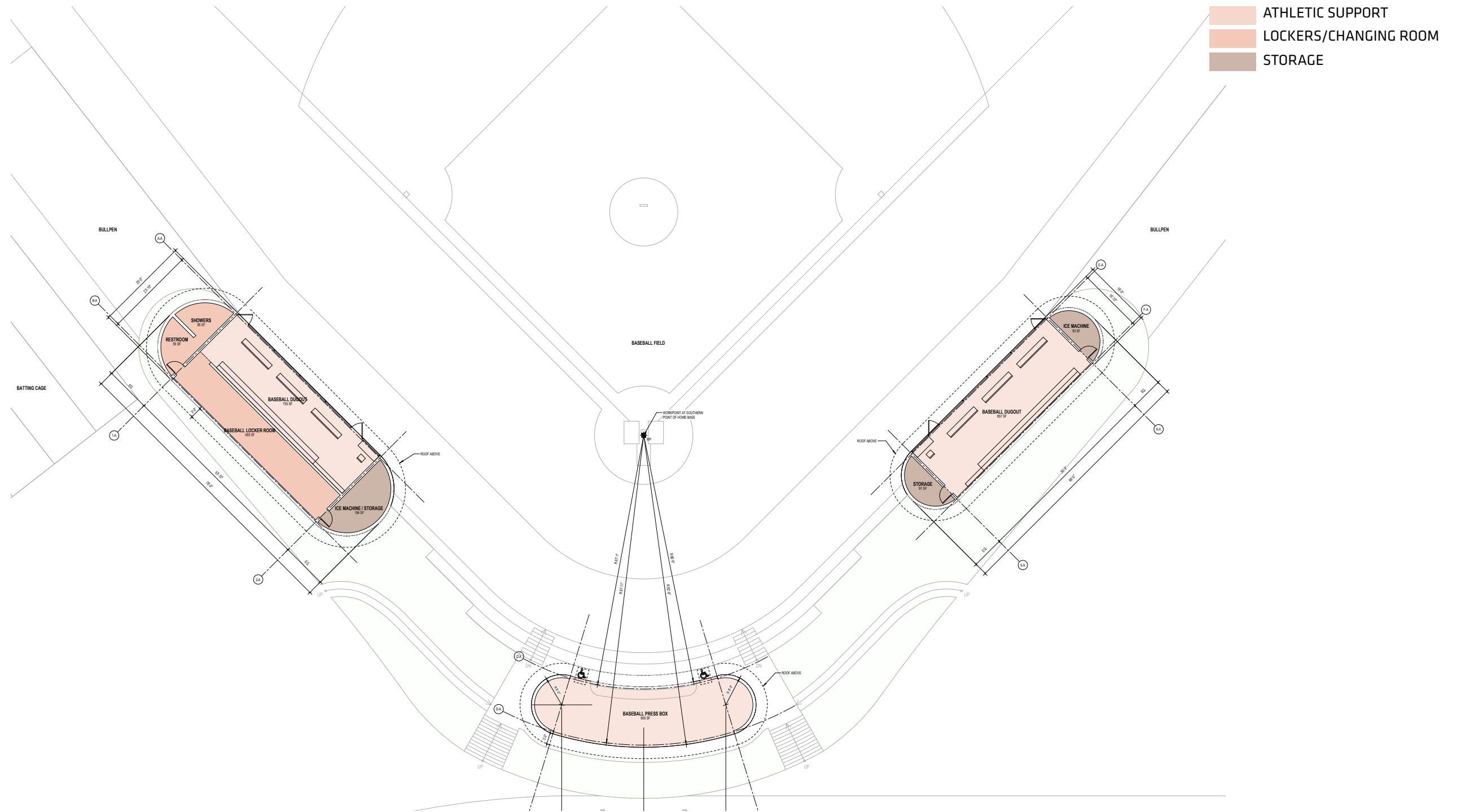
SOFTBALL VISITOR DUGOUT (UNENCLOSED STRUCTURE)
 GSF: 900 SF
 USE: DUGOUT
 OCCUPANCY: A-5
 TOTAL HEIGHT: 10'-0"

BASEBALL PRESS BOX (UNENCLOSED STRUCTURE)
 GSF: 1000 SF
 USE: PRESS BOX
 OCCUPANCY: B
 TOTAL HEIGHT: 9'-0"

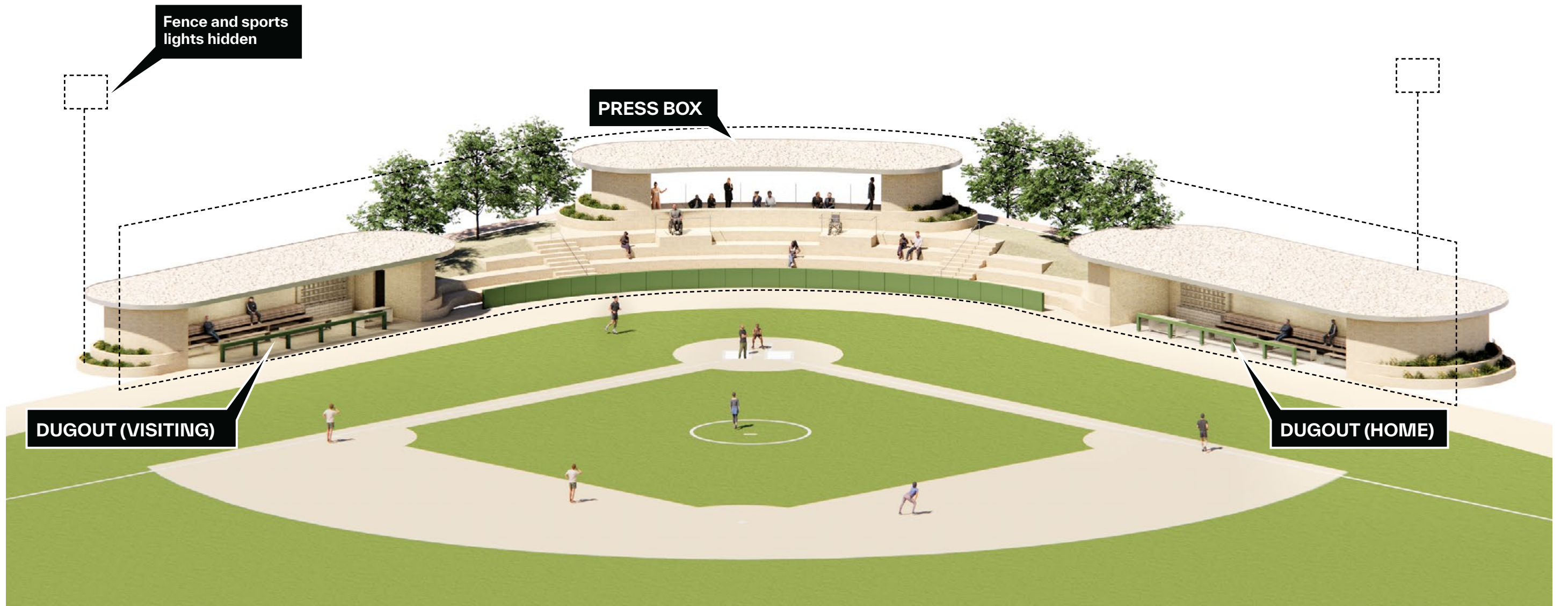
SOFTBALL PRESS BOX (UNENCLOSED STRUCTURE)
 GSF: 1000 SF
 USE: PRESS BOX
 OCCUPANCY: B
 TOTAL HEIGHT: 9'-0"

DEVELOPED LAND

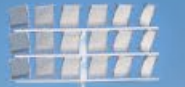
PHASE 1: BASEBALL & SOFTBALL BOWL



BASEBALL & SOFTBALL BOWL_CONCEPTUAL PLAN



BASEBALL & SOFTBALL FIELD STRUCTURE AXON

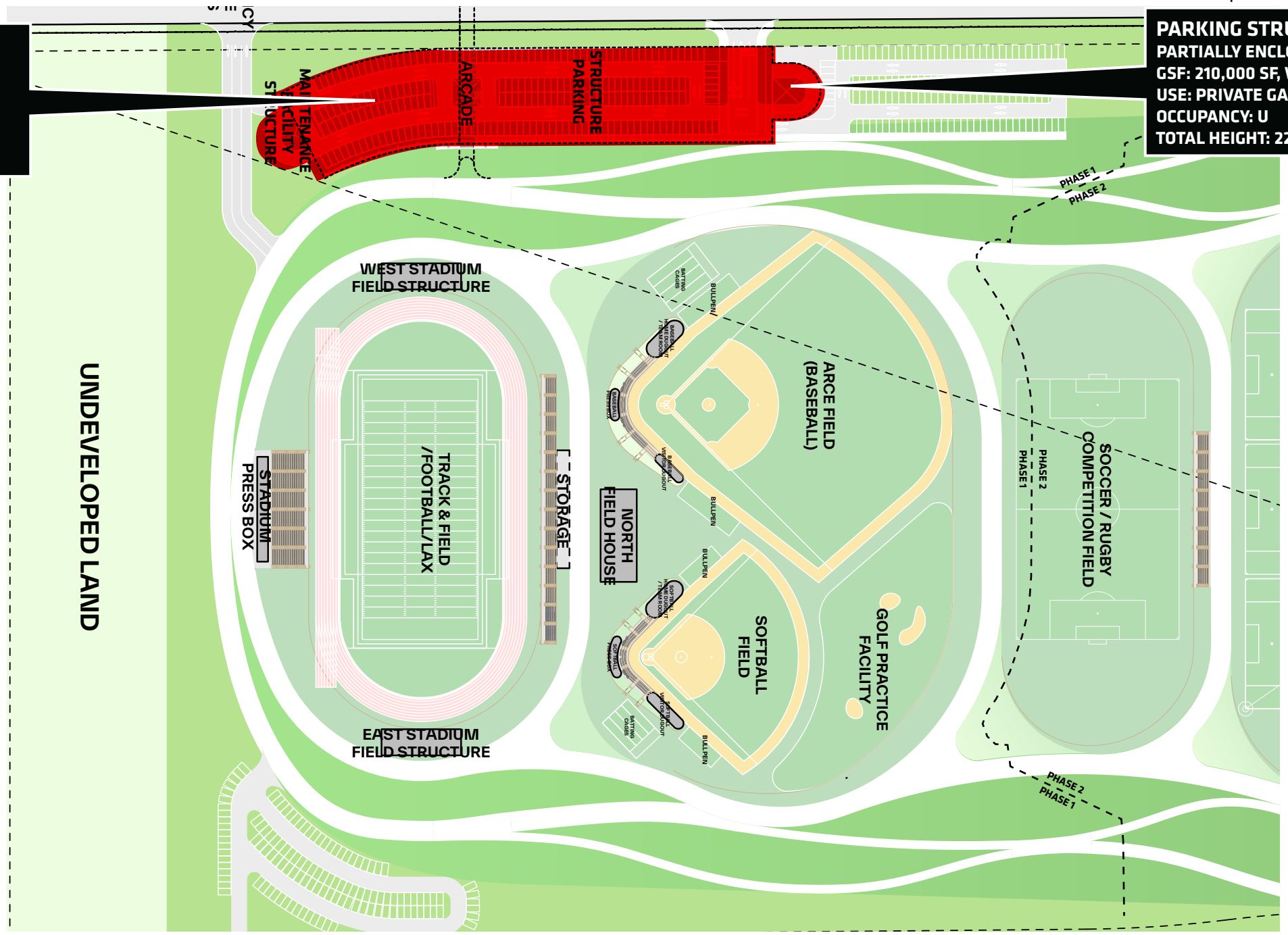


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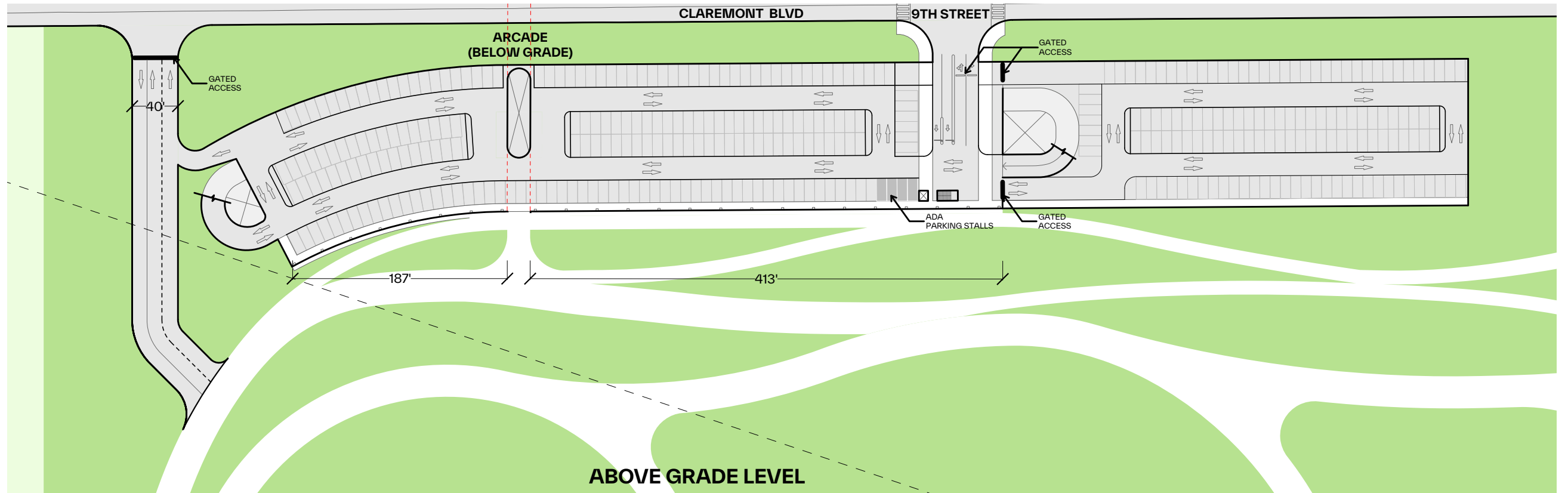
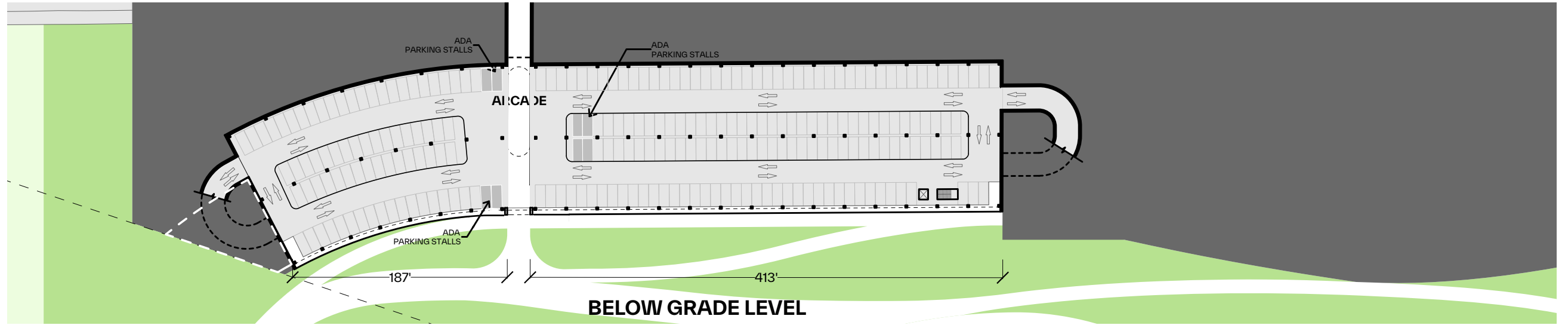
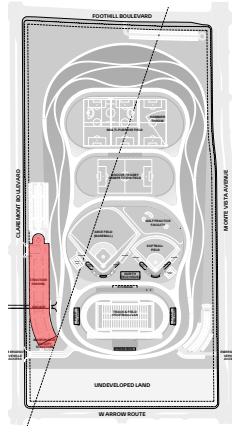


MAINTENANCE FACILITY STRUCTURE
 GSF: 10,000 SF
 USE: STORAGE, OFFICE, LOCKERS
 OCCUPANCY: B
 TOTAL HEIGHT: 9'-0"

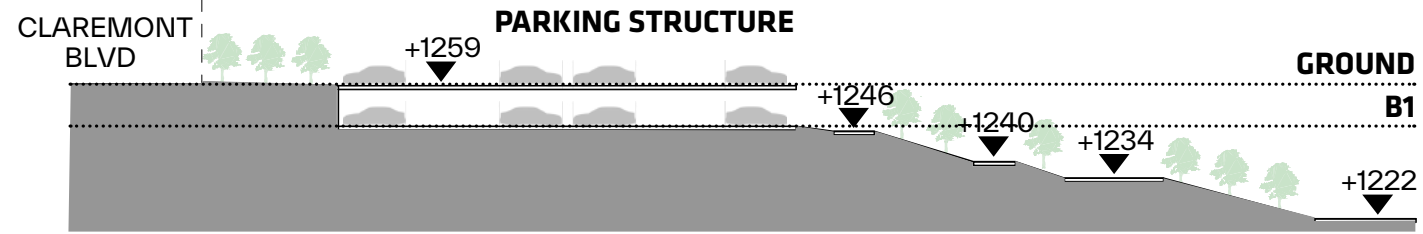
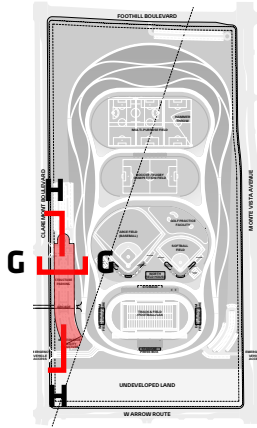
PARKING STRUCTURE (UNENCLOSED ABOVE GRADE & PARTIALLY ENCLOSED BELOW GRADE)
 GSF: 210,000 SF, WITH 470 PARKING STALLS
 USE: PRIVATE GARAGE
 OCCUPANCY: U
 TOTAL HEIGHT: 22'-0"



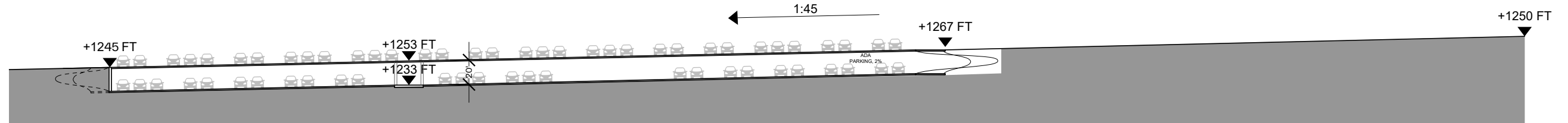
PHASE 1: PARKING STRUCTURE, MAINTENANCE FACILITY & ARCADE



PARKING STRUCTURE & MAINTENANCE FACILITY_CONCEPTUAL PLAN

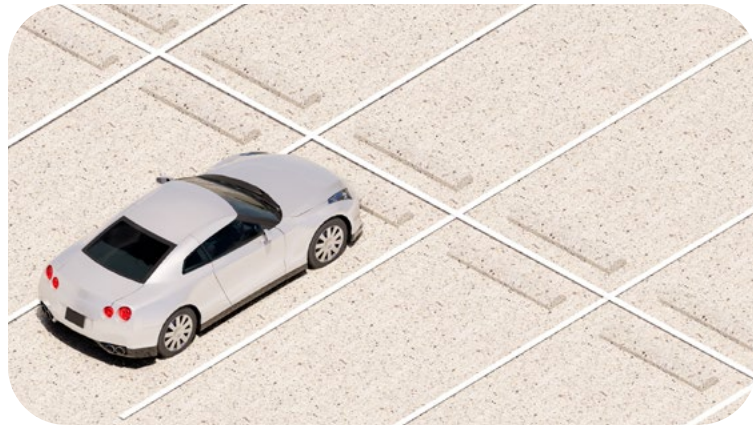


SECTION G



SECTION H

PARKING STRUCTURE & MAINTENANCE FACILITY_CONCEPTUAL SECTION



ZOOM-IN

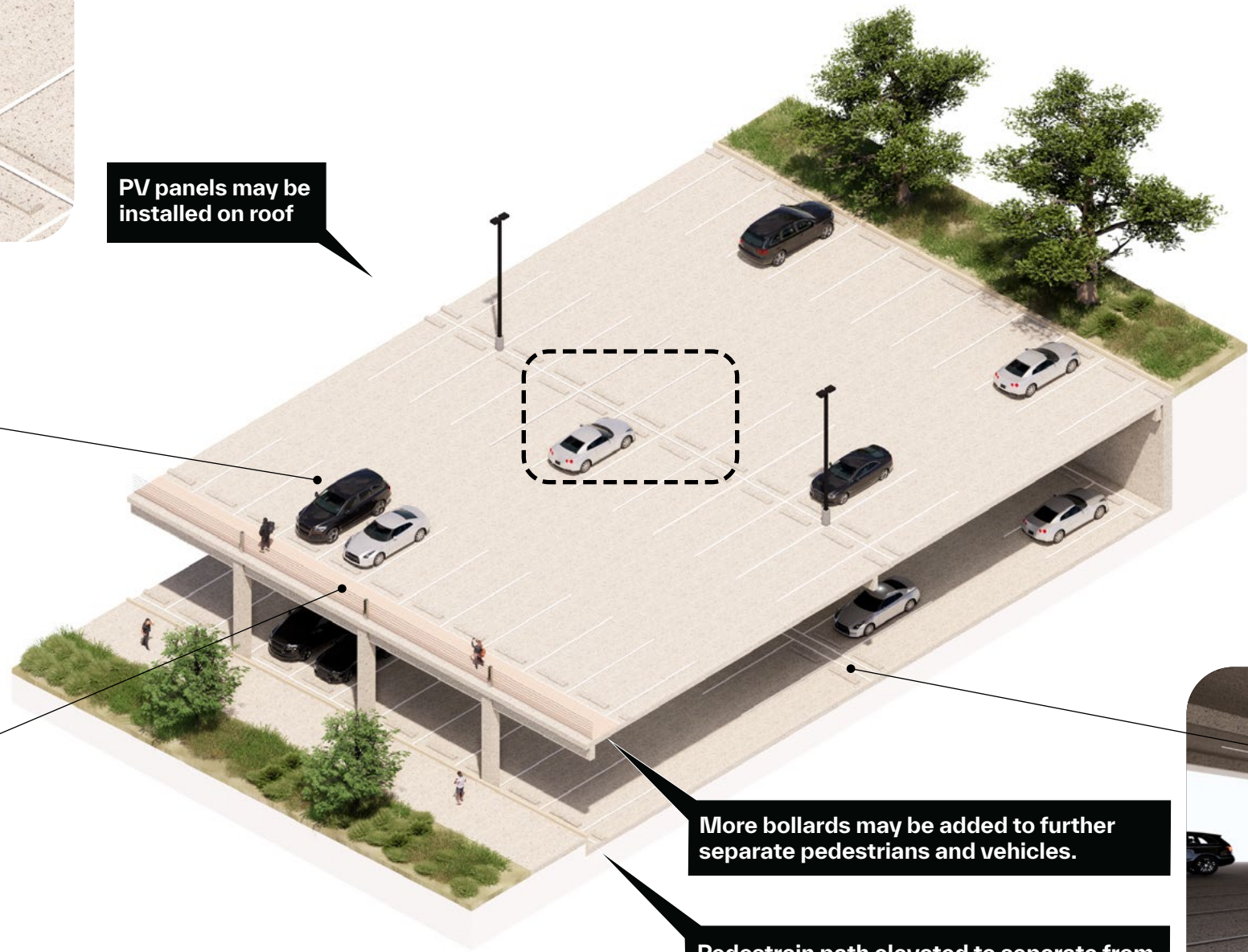
PV panels may be installed on roof



CONC-02
SITE CAST
CONCRETE



GRAV-02
PEDESTRIAN WALK
GRAVEL



More bollards may be added to further separate pedestrians and vehicles.

Pedestrian path elevated to separate from vehicles. More bollards may be added



INTERIOR

PARKING STRUCTURE_MATERIAL & DETAIL CONCEPT

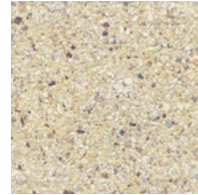


CONC-02



PEDESTRIAN WALK
CONCRETE

CONC-03

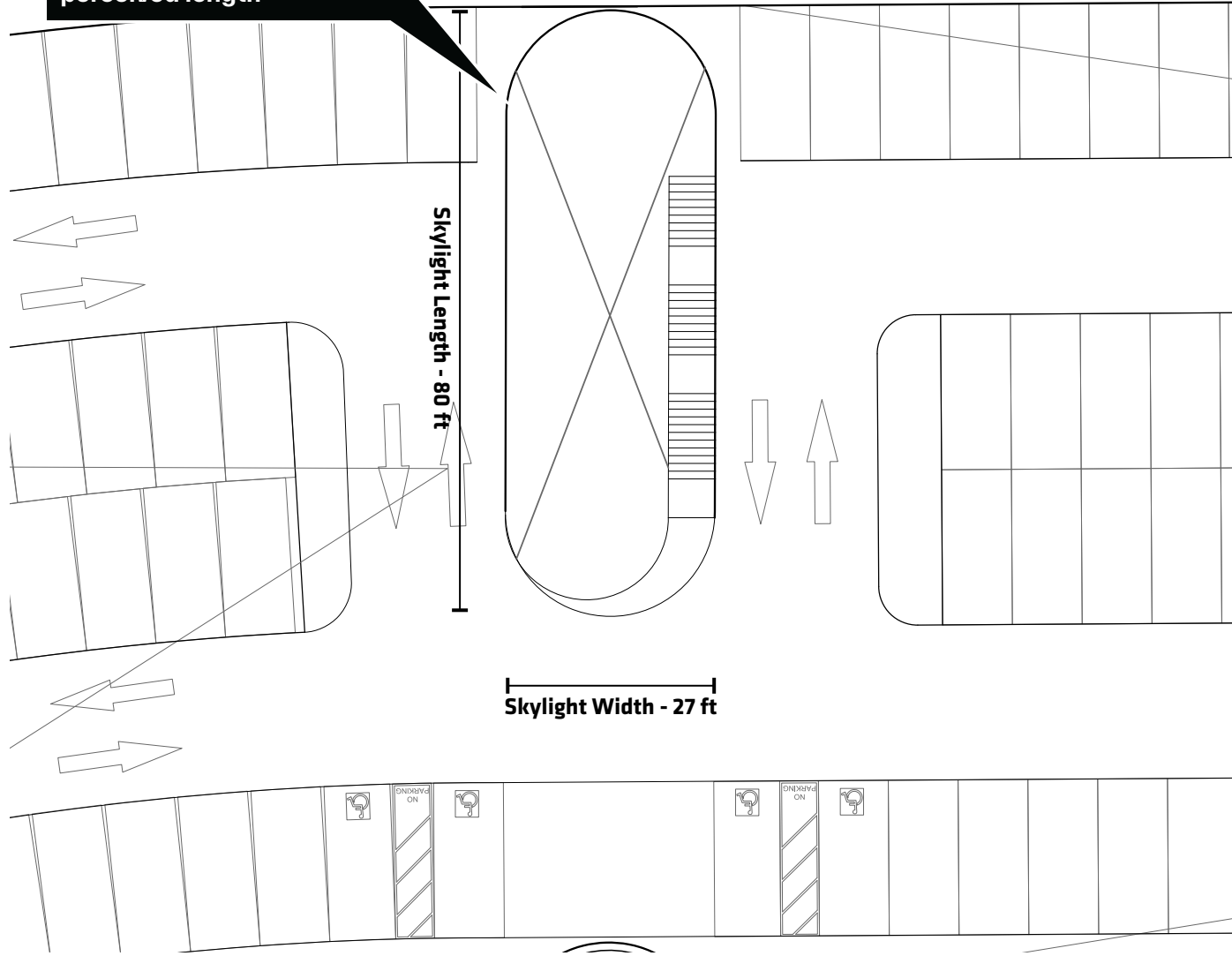


CAST IN PLACE
CONCRETE

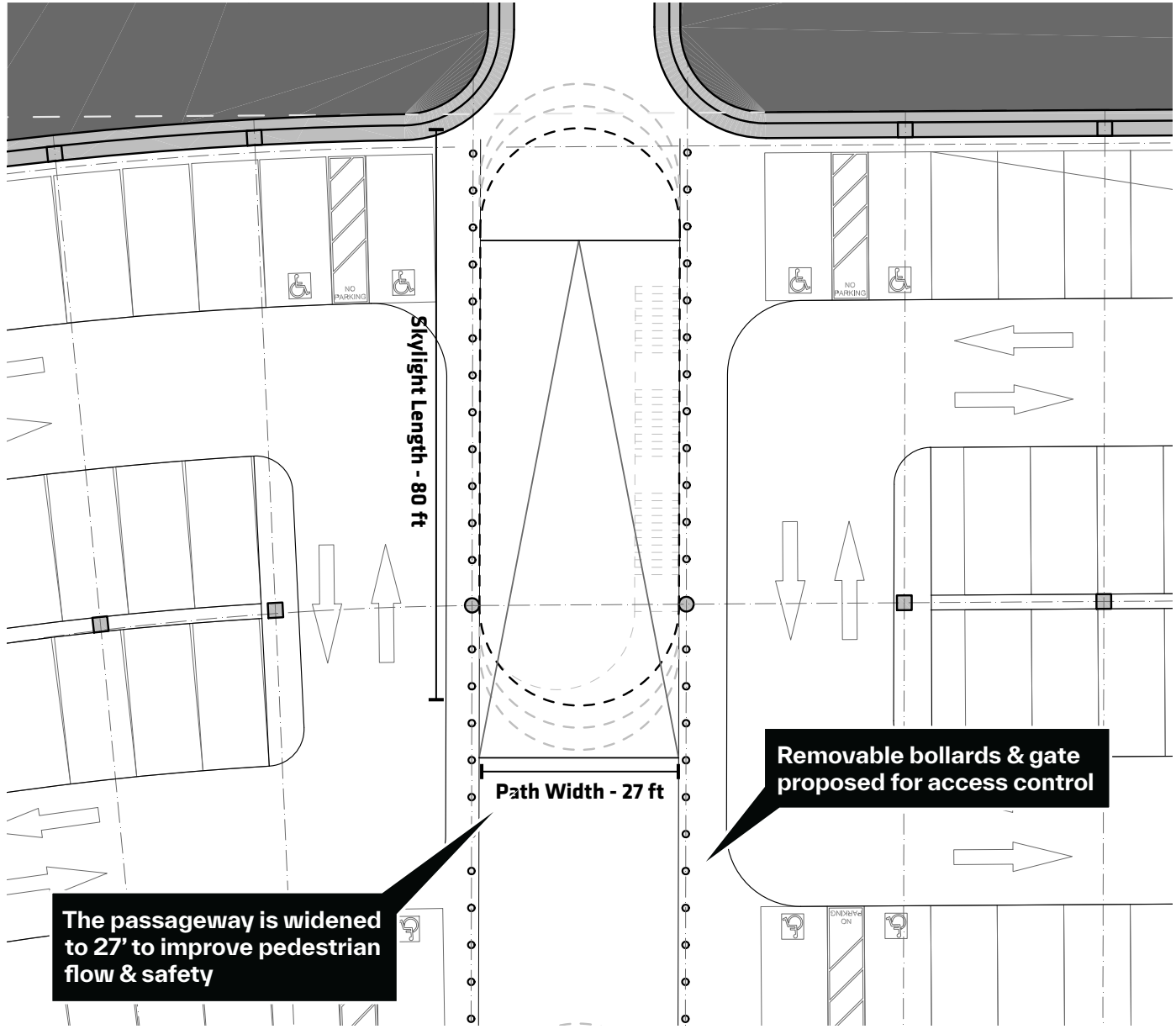
The Arcade connects the main campus and east campus, but it is not part of the east campus scope. Thus, it is only provided here for information purposes

ARCADE_MATERIAL & DETAIL CONCEPT

A 80' long skylight helps bring natural light into the arcade, and shorten the perceived length



ABOVE-GRADE PLAN



The passageway is widened to 27' to improve pedestrian flow & safety

Removable bollards & gate proposed for access control

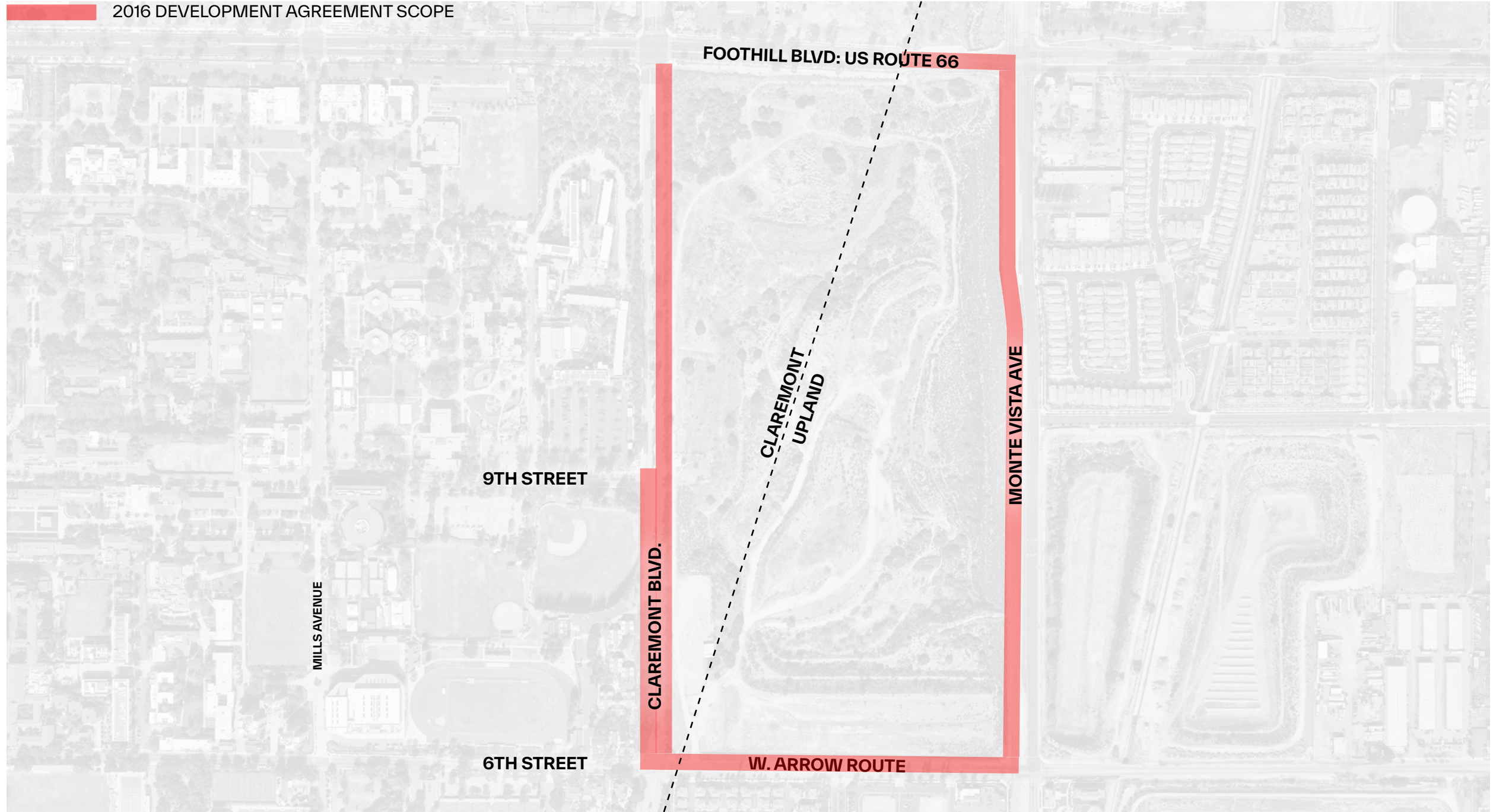
BELOW-GRADE PLAN

ARCADE: INTERSECTION WITH PARKING STRUCTURE

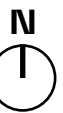


ARCADE: SKYLIGHT & STAIRCASES

ROBERTS CAMPUS SPORTS BOWL
PERIMETER IMPROVEMENT



PERIMETER IMPROVEMENT MAP





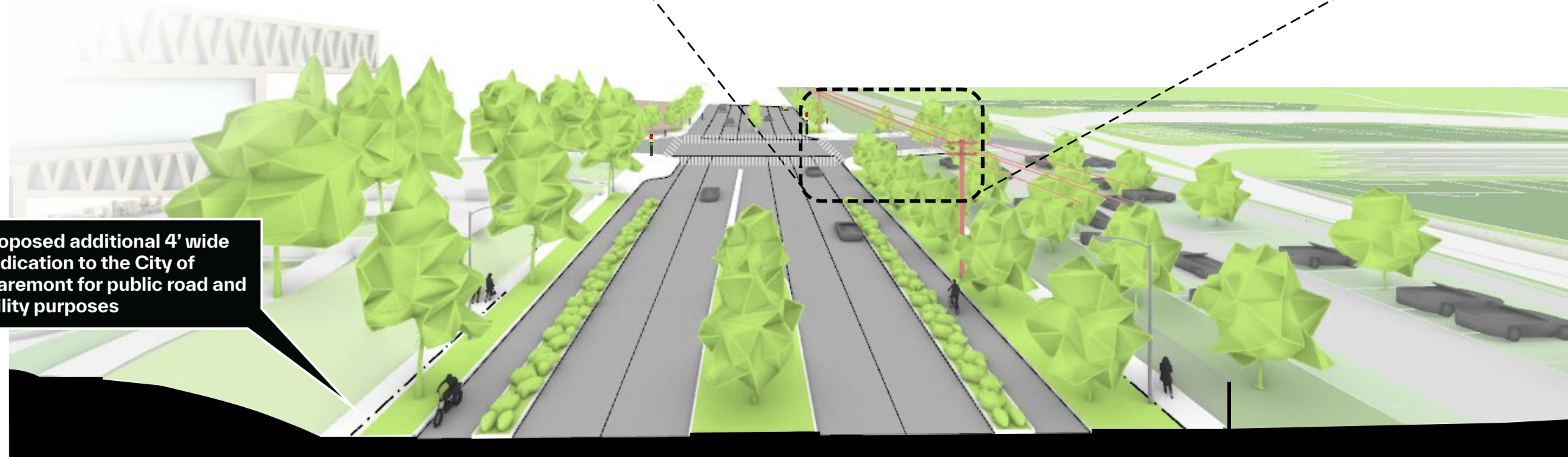
BIOSWALE PLANTS



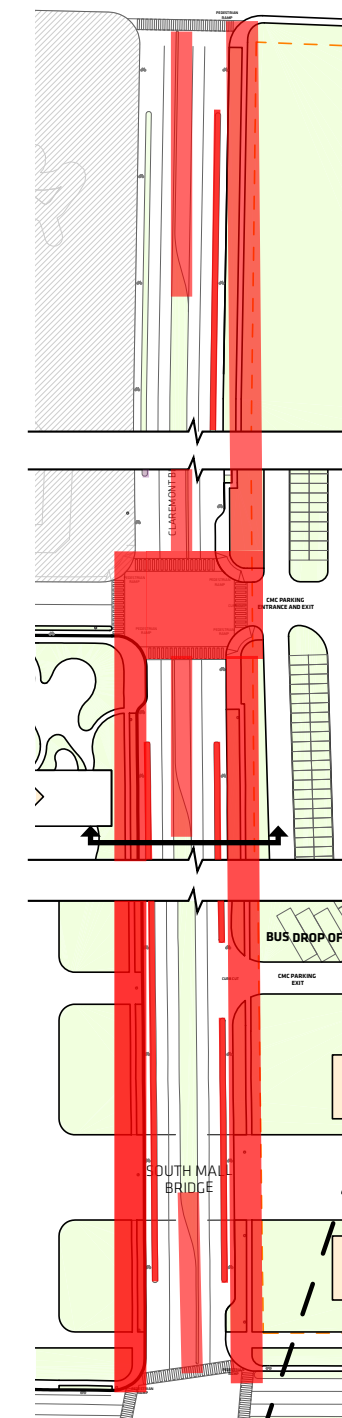
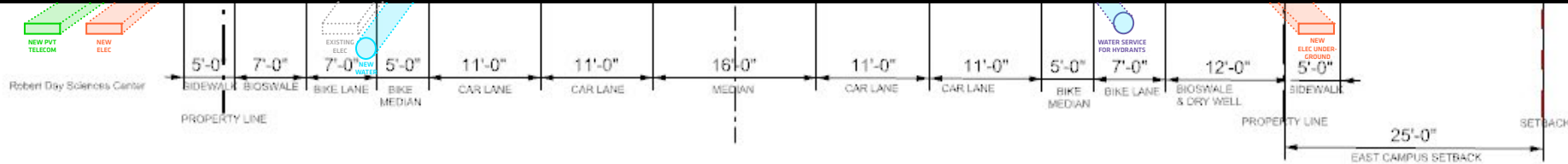
QUERCUS VIRGINIANA CATHEDRAL

QUERCUS AGRIFOLIA

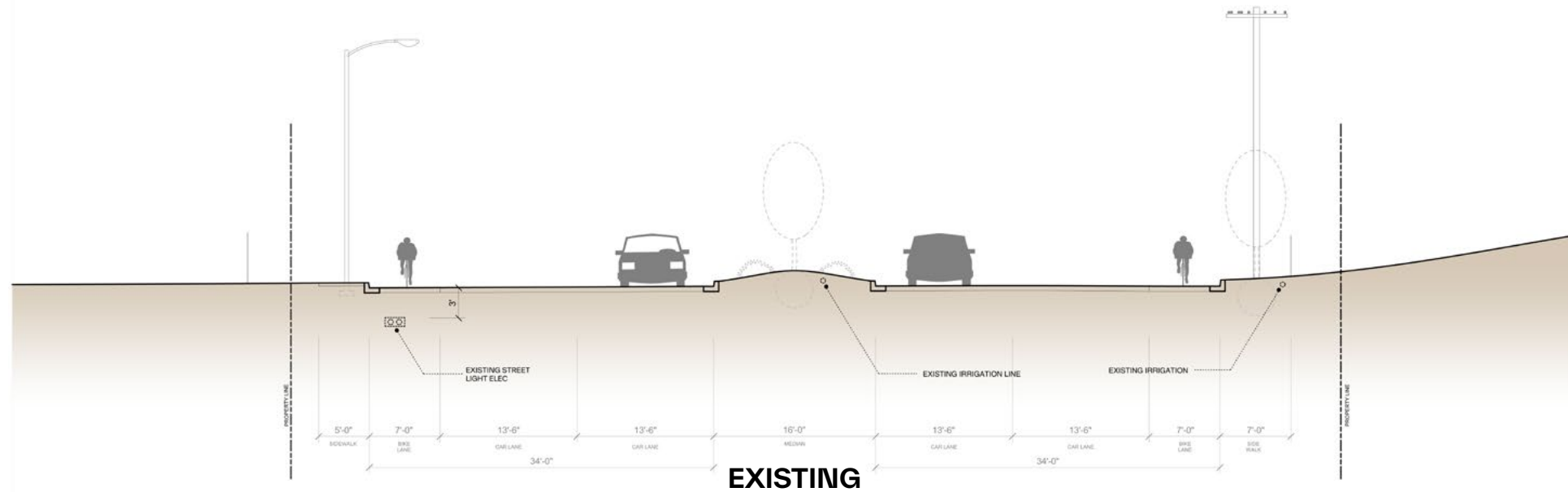
QUERCUS VIRGINIANA



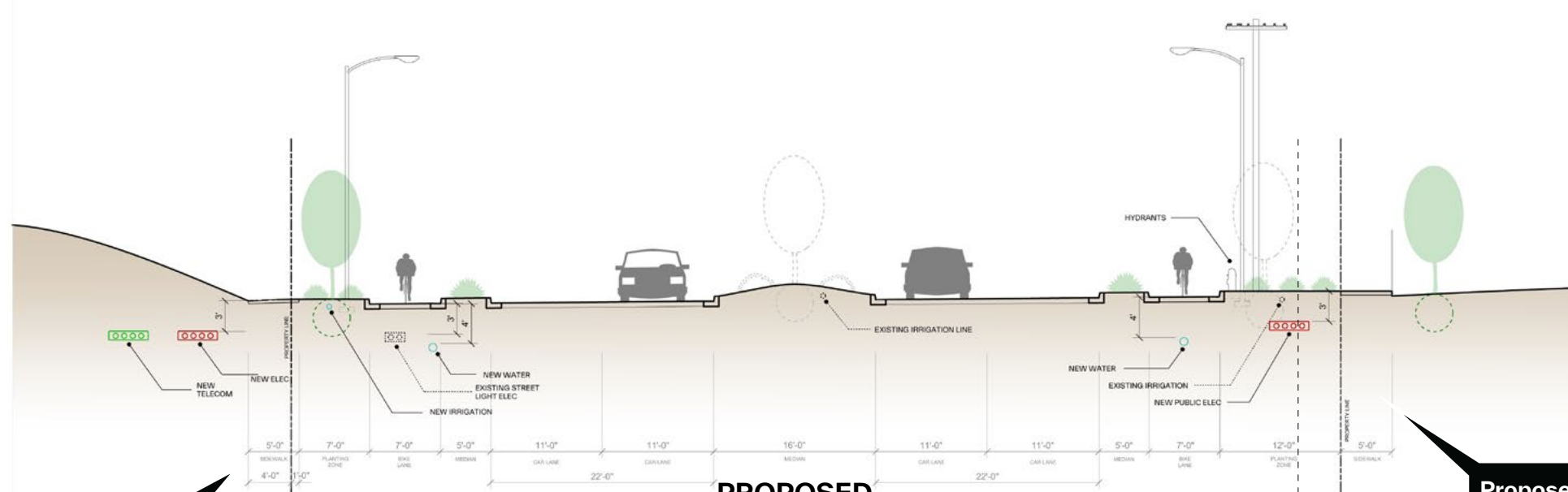
Proposed additional 4' wide dedication to the City of Claremont for public road and utility purposes



CLAREMONT BLVD IMPROVEMENT PREVIEW



EXISTING



PROPOSED

Proposed additional 4' wide dedication to the City of Claremont for public road and utility purposes

Proposed additional 9' wide dedication

CLAREMONT BLVD IMPROVEMENT



PLATANUS RACEMOSA



QUERCUS AGRIFOLIA



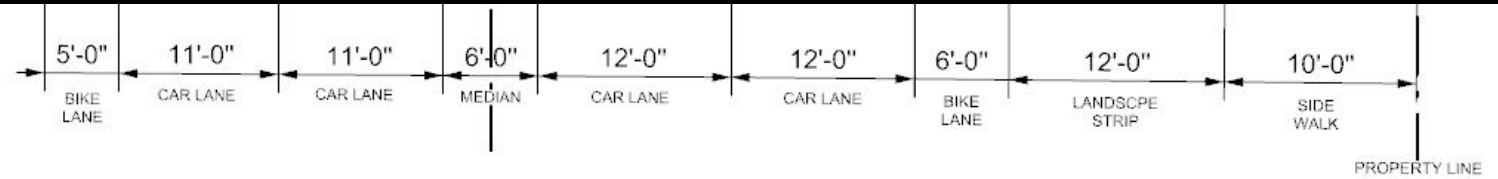
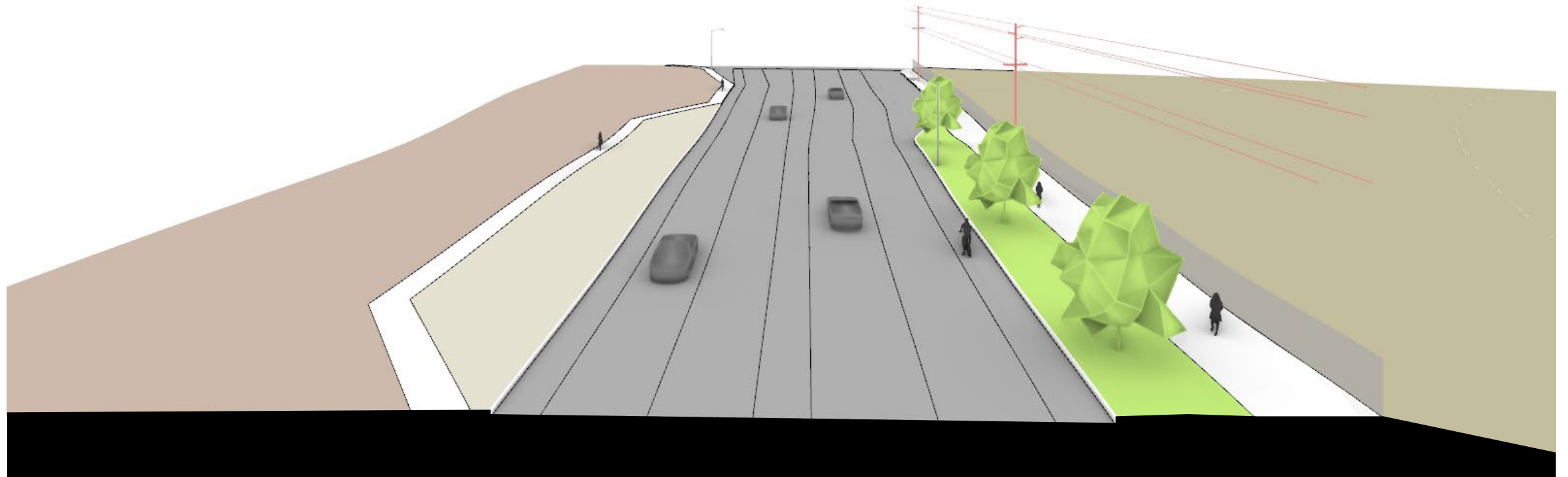
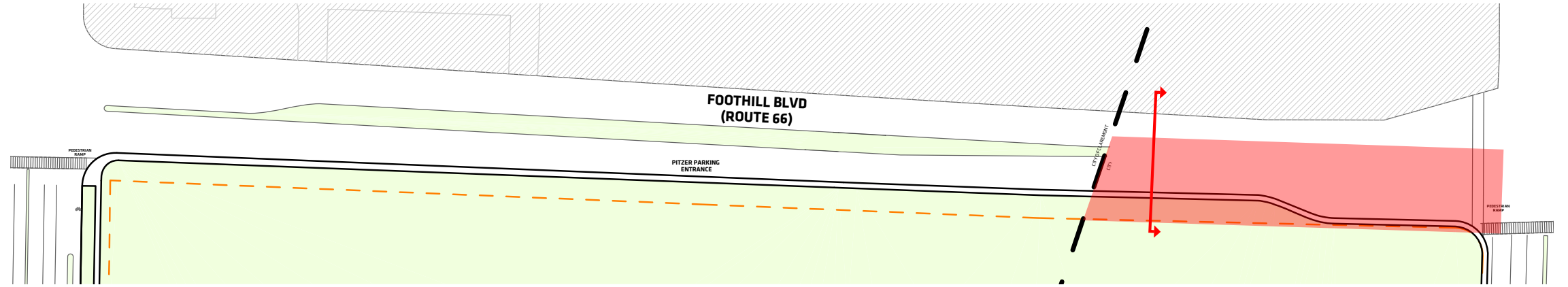
QUERCUS ILEX



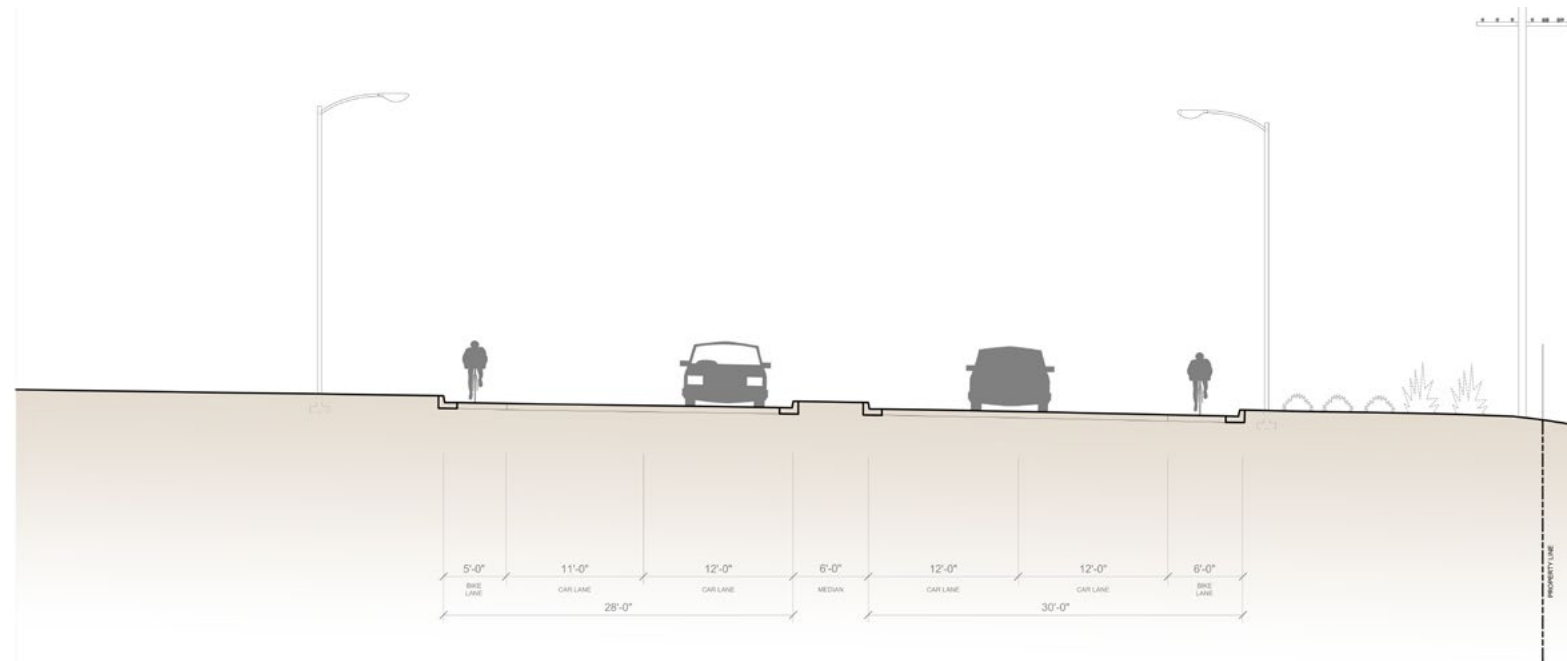
GINKGO BILOBA



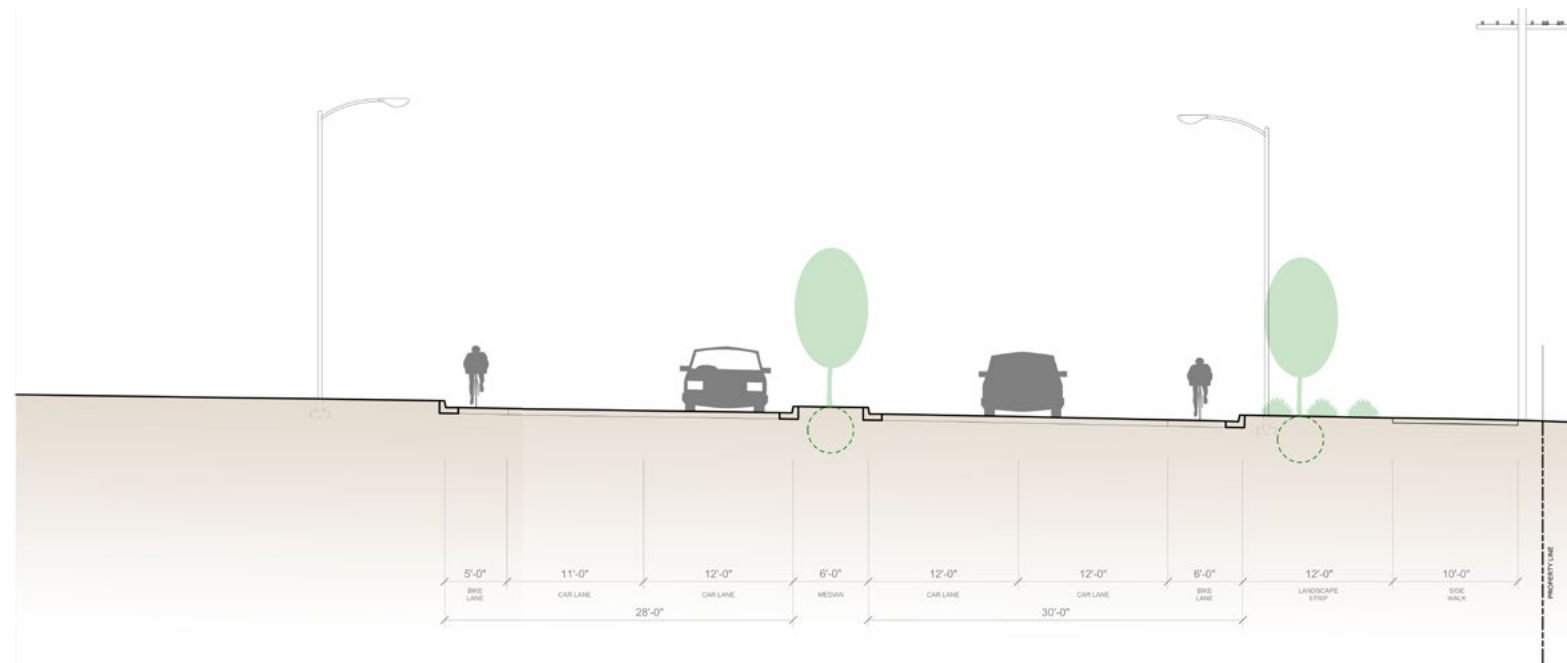
KOELREUTERIA BIPINATA



FOOTHILL BLVD IMPROVEMENT PREVIEW



EXISTING



PROPOSED

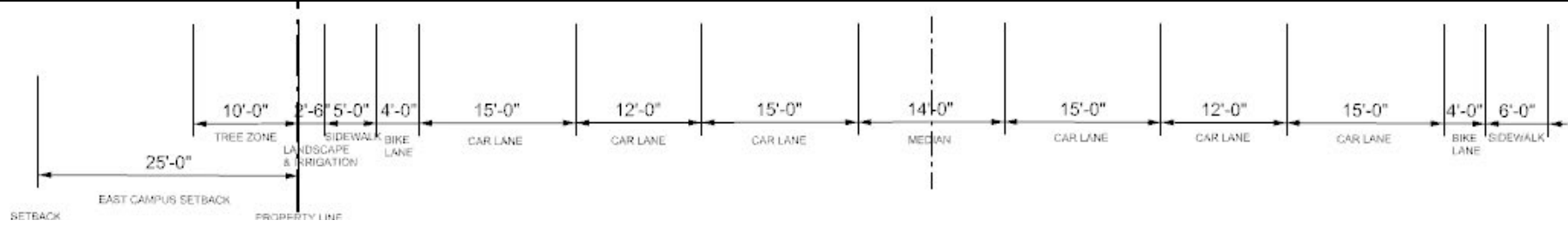
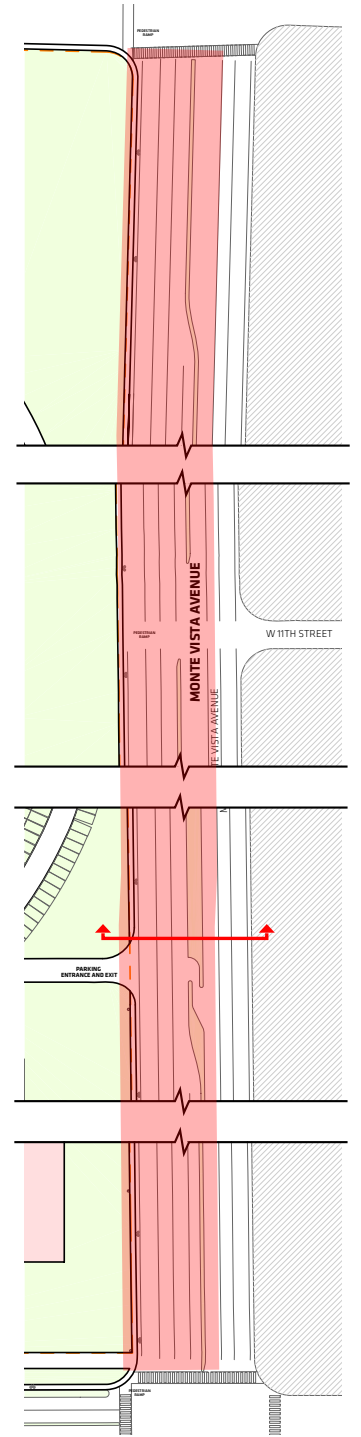
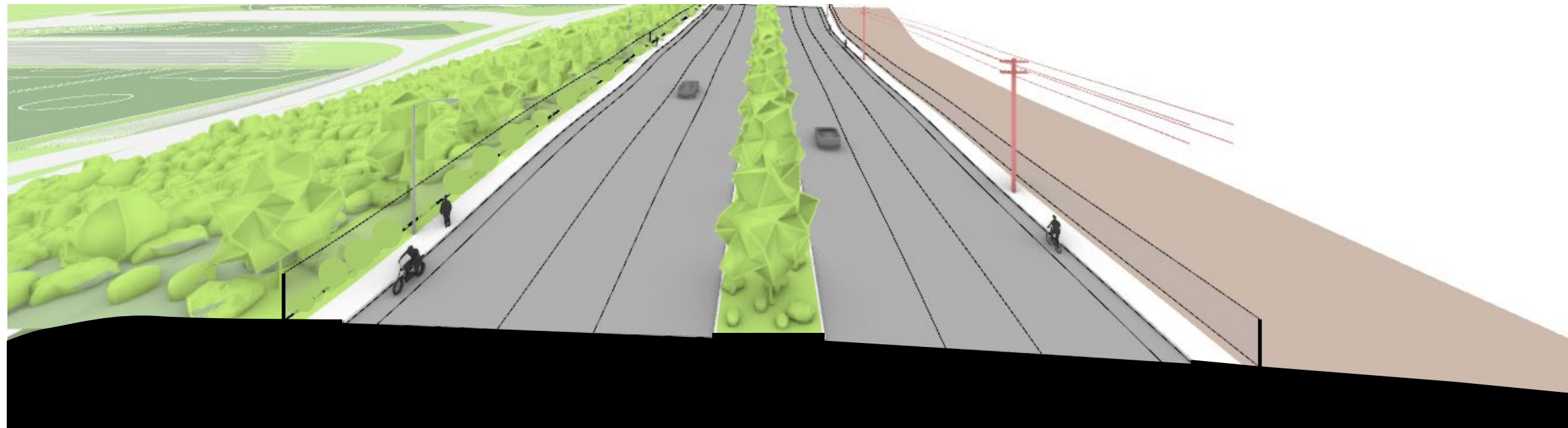
FOOTHILL BLVD IMPROVEMENT



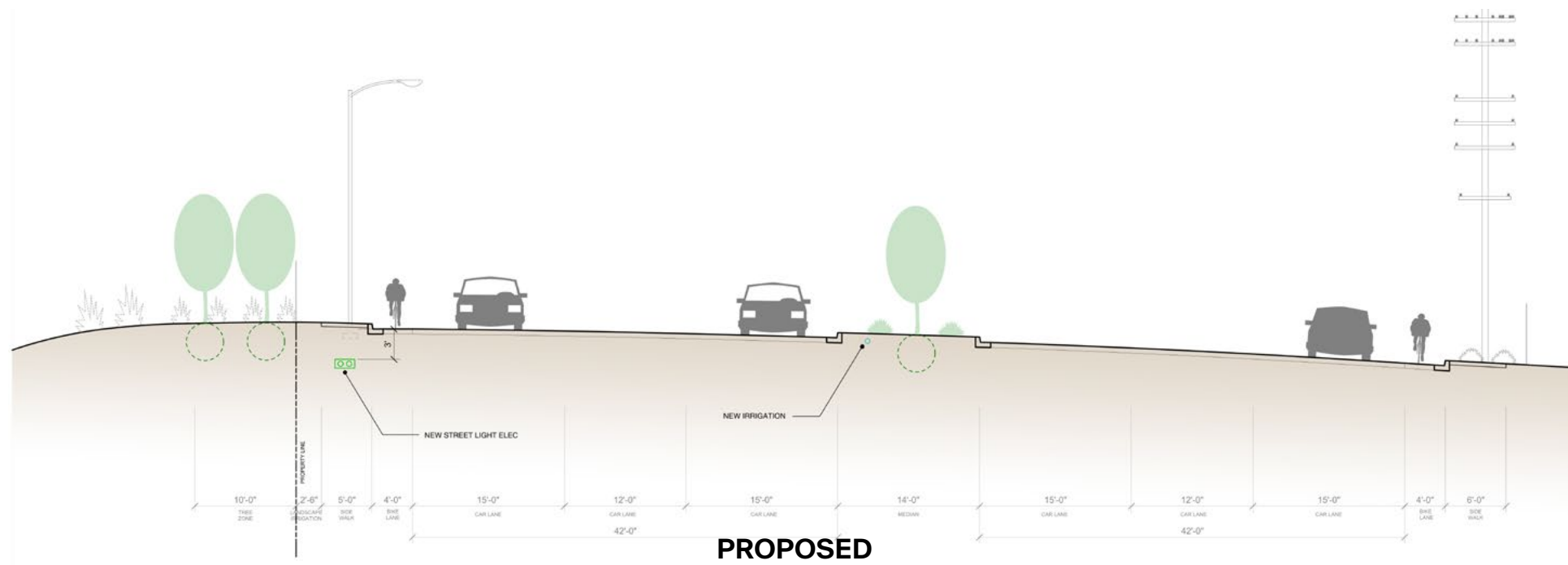
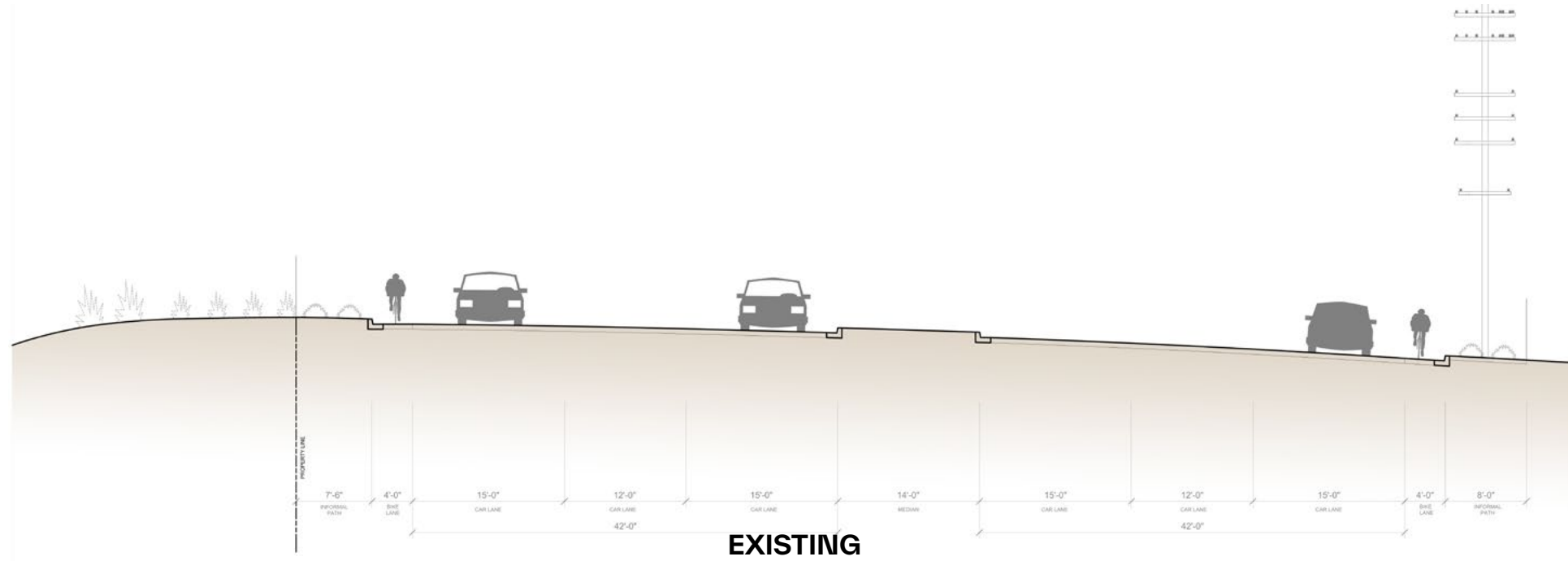
QUERCUS AGRIFOLIA



QUERCUS LOBOTA



MONTE VISTA BLVD IMPROVEMENT PREVIEW



MONTE VISTA BLVD IMPROVEMENT



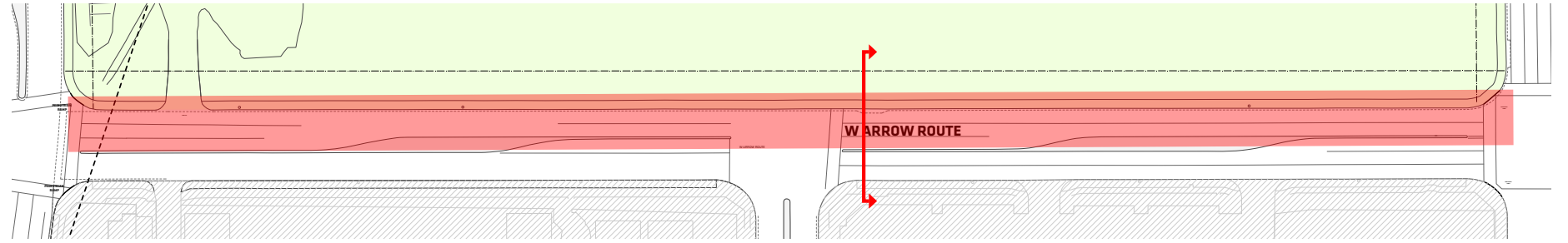
SHALLOW ROOT PLANTS



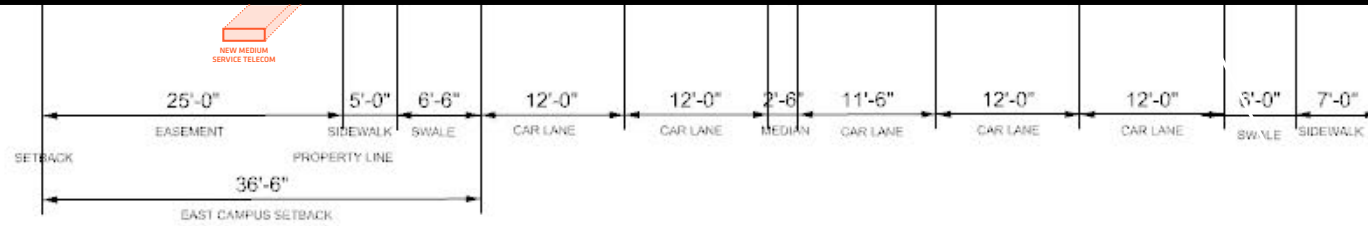
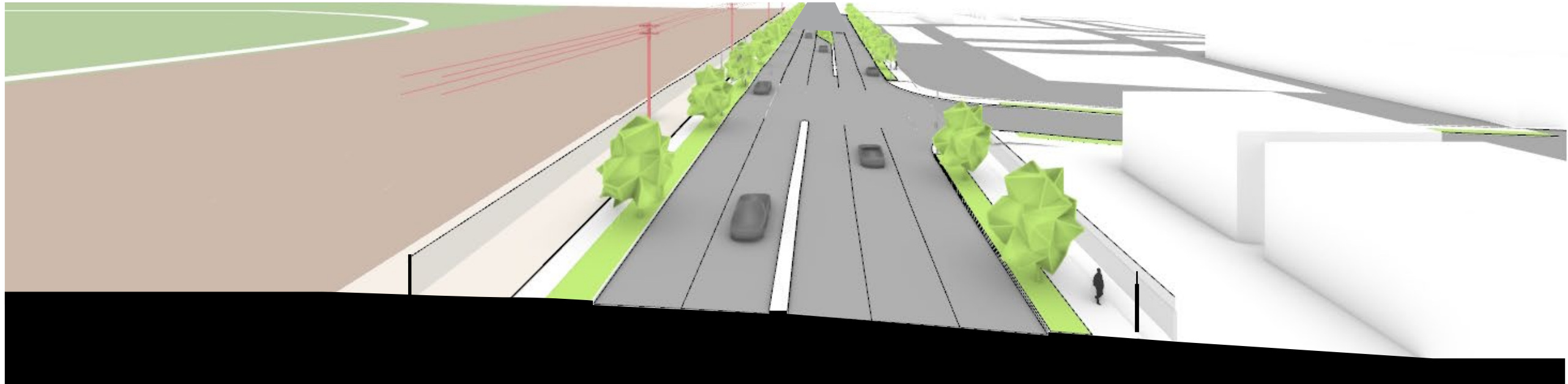
CHITALPA
TASHKENTENSIS



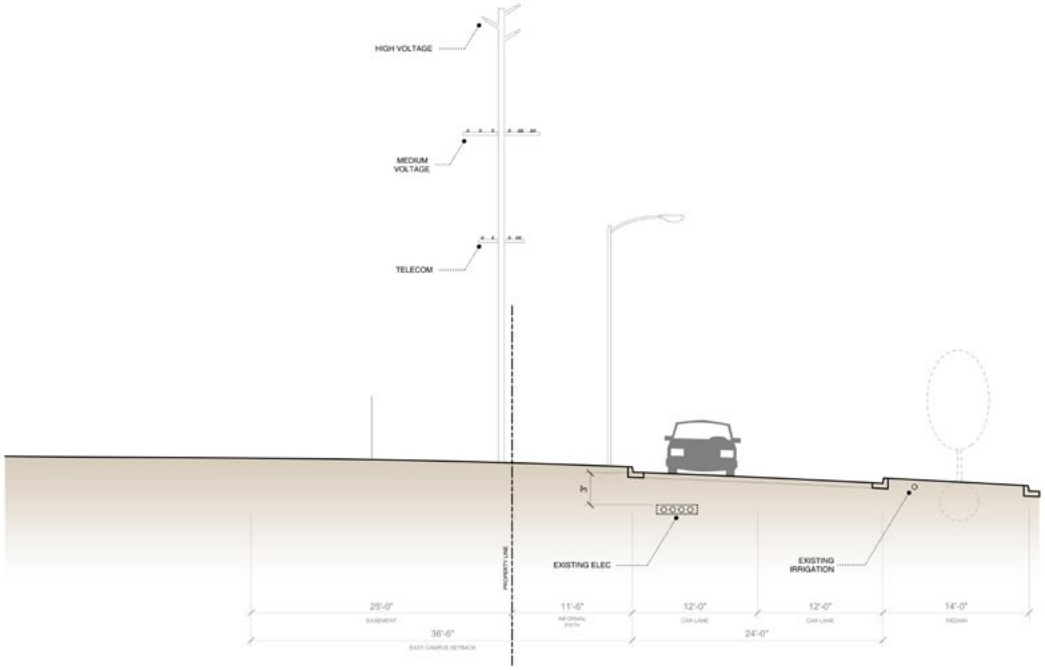
RHUS LANCEA



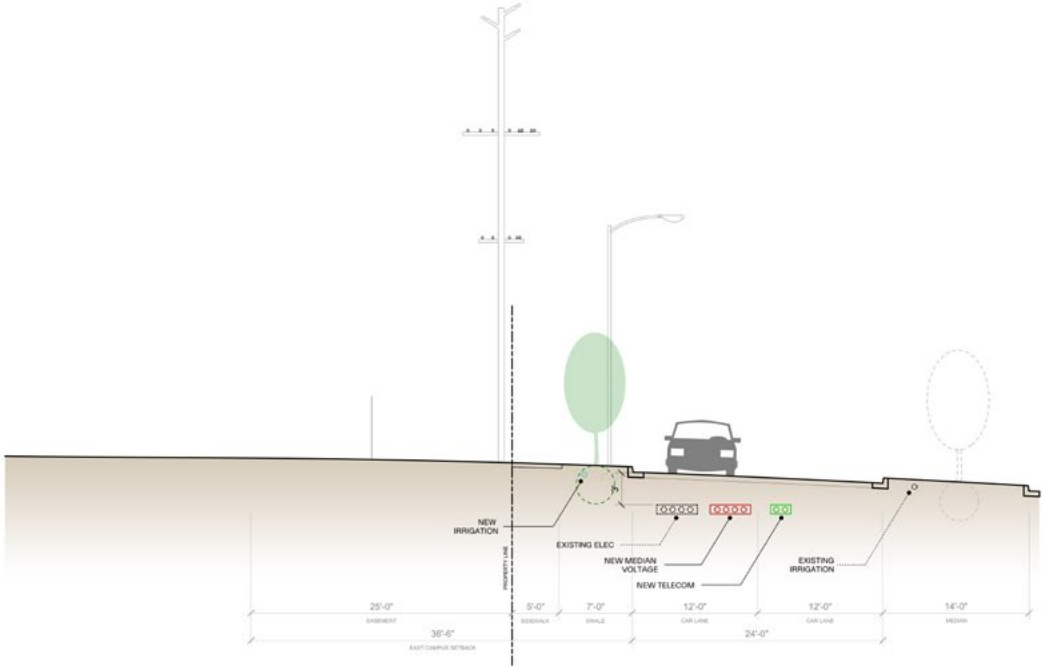
W. ARROW ROUTE



W. ARROW ROUTE IMPROVEMENT PREVIEW



EXISTING



PROPOSED

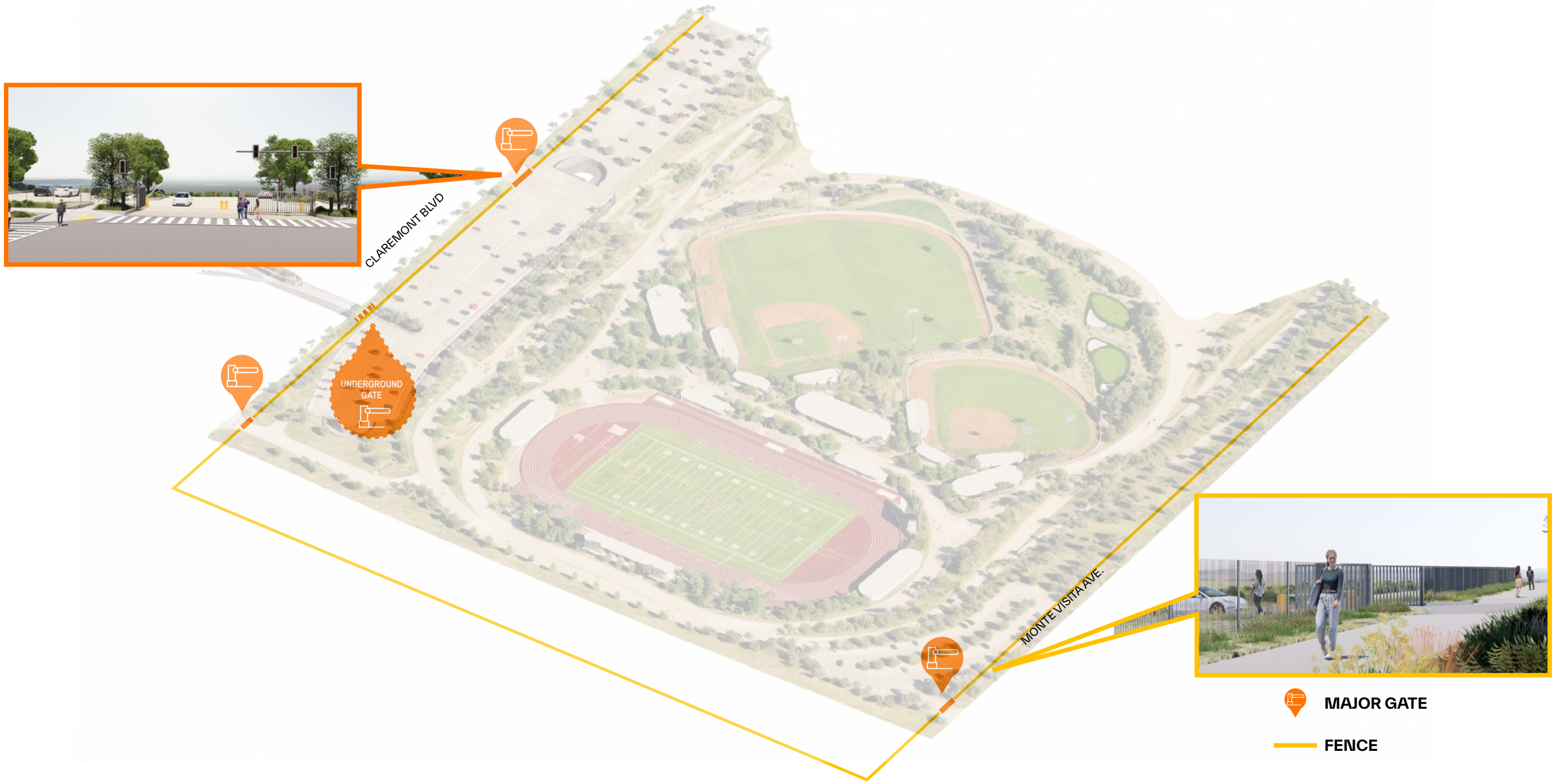
W. ARROW ROUTE IMPROVEMENT



OPTION 1: TALL FENCE

OPTION 2: LOW FENCE & DEFENSIVE PLANTING

FENCE / PLANTING AT PERIMETER



ACCESS CONTROL: TICKET BOOTH, MAJOR GATE, FENCE

