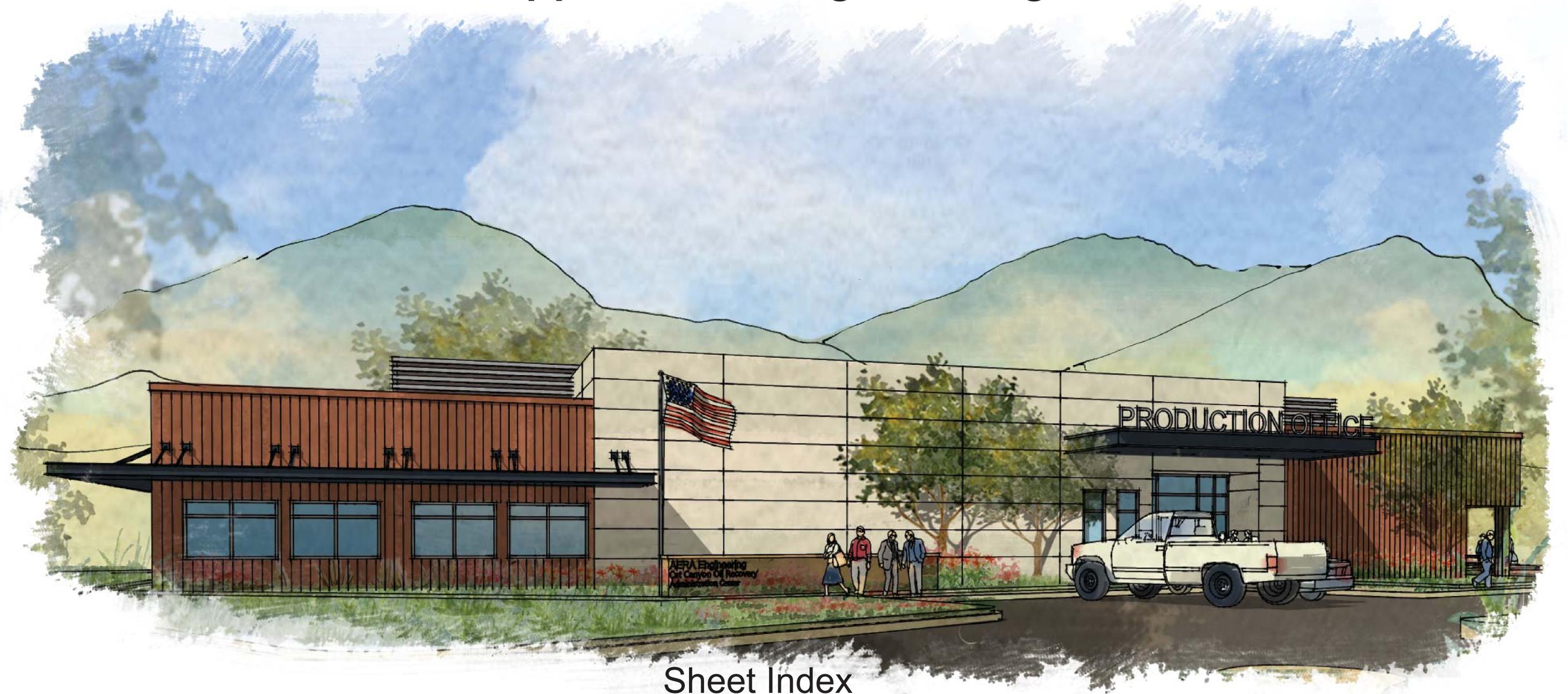
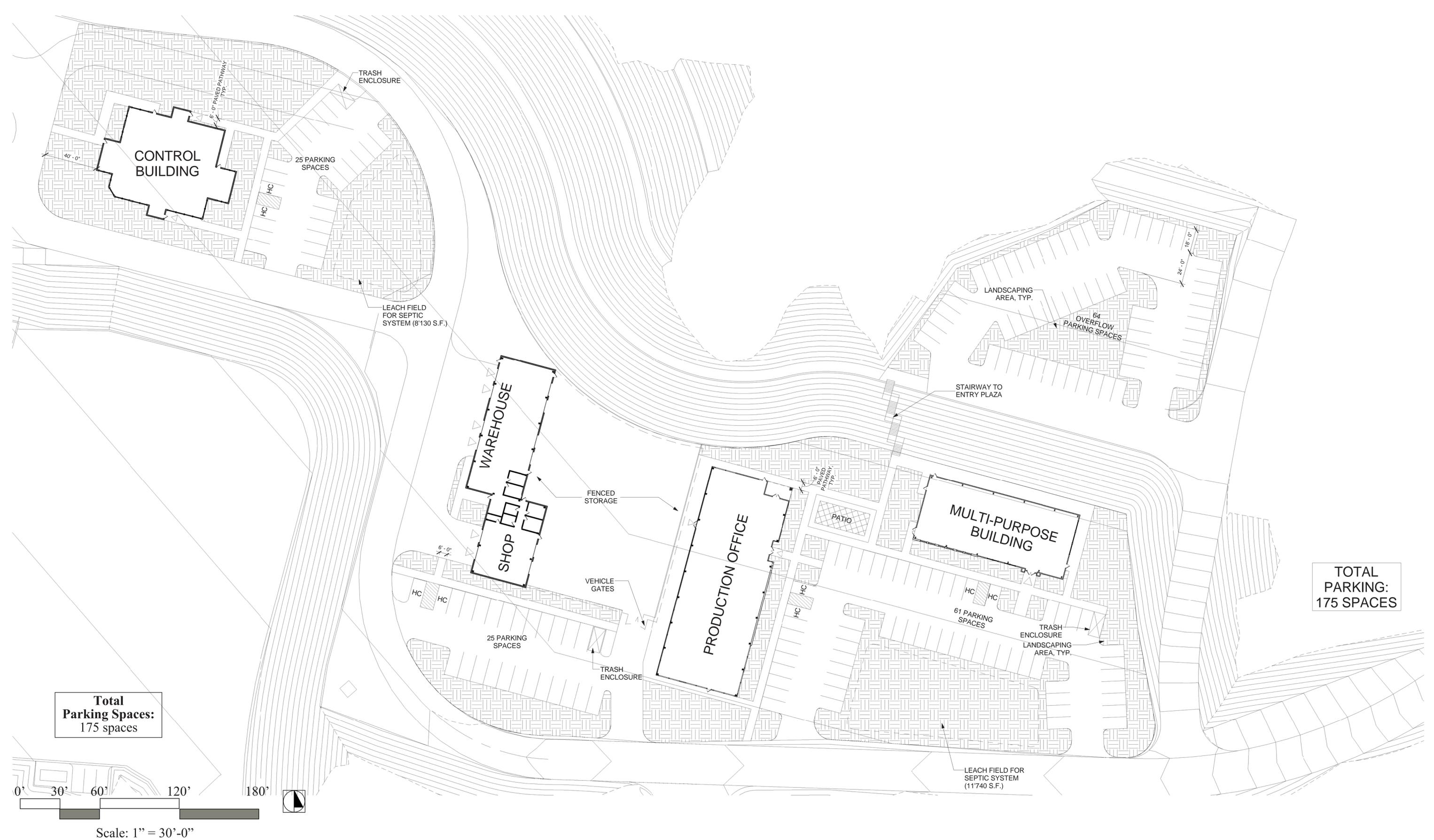


# East Cat Canyon Oil Field Redevelopment Project Application Design Package



## Sheet Index

|     |  |
|-----|--|
| T-1 | Title Sheet  |
| S-1 | Architectural Site Plan  |
| A-1 | Production Office Plan & Elevations                            |
| A-2 | Control Building Plan & Elevations                             |
| A-3 | Warehouse / Shop Plan & Elevations                             |
| A-4 | Multi-Purpose Building Plan & Elevations                       |
| A-5 | Architectural Colors & Materials                               |
| L-1 | Schematic Landscape Plan - Overall Central Processing Facility |
| L-2 | Schematic Landscape Plan - Office Core Enlargement             |



East Cat Canyon Oil Field Redevelopment Project  
 Application Design Package

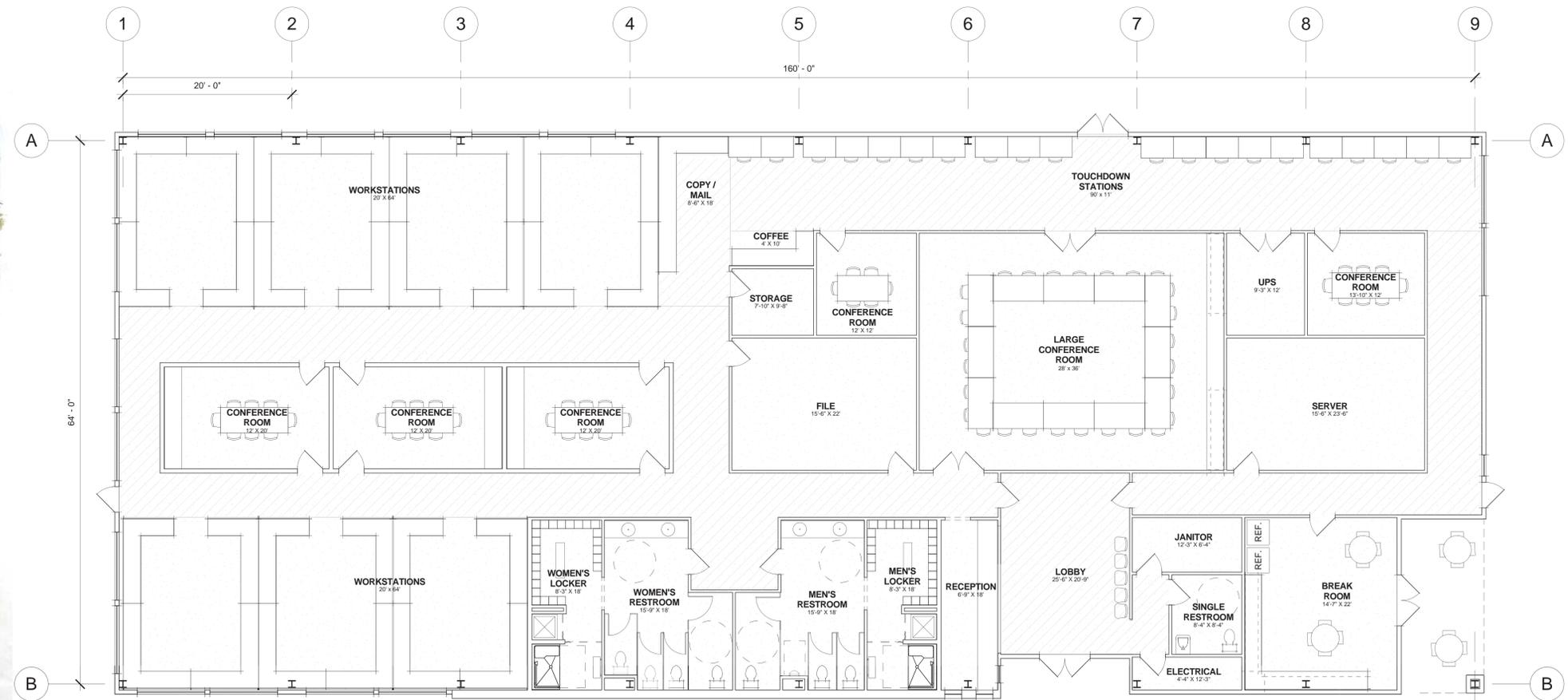
11 August 2014

Site Plan

S-1



Perspective Rendering  
South Facade Corner



Office Floor Plan

Scale: 1/8" = 1'-0"



Perspective Rendering  
East Facade



Production Office Front Elevation

Total Building Area: 11'150 s.f.

Scale: 1/8" = 1'-0"



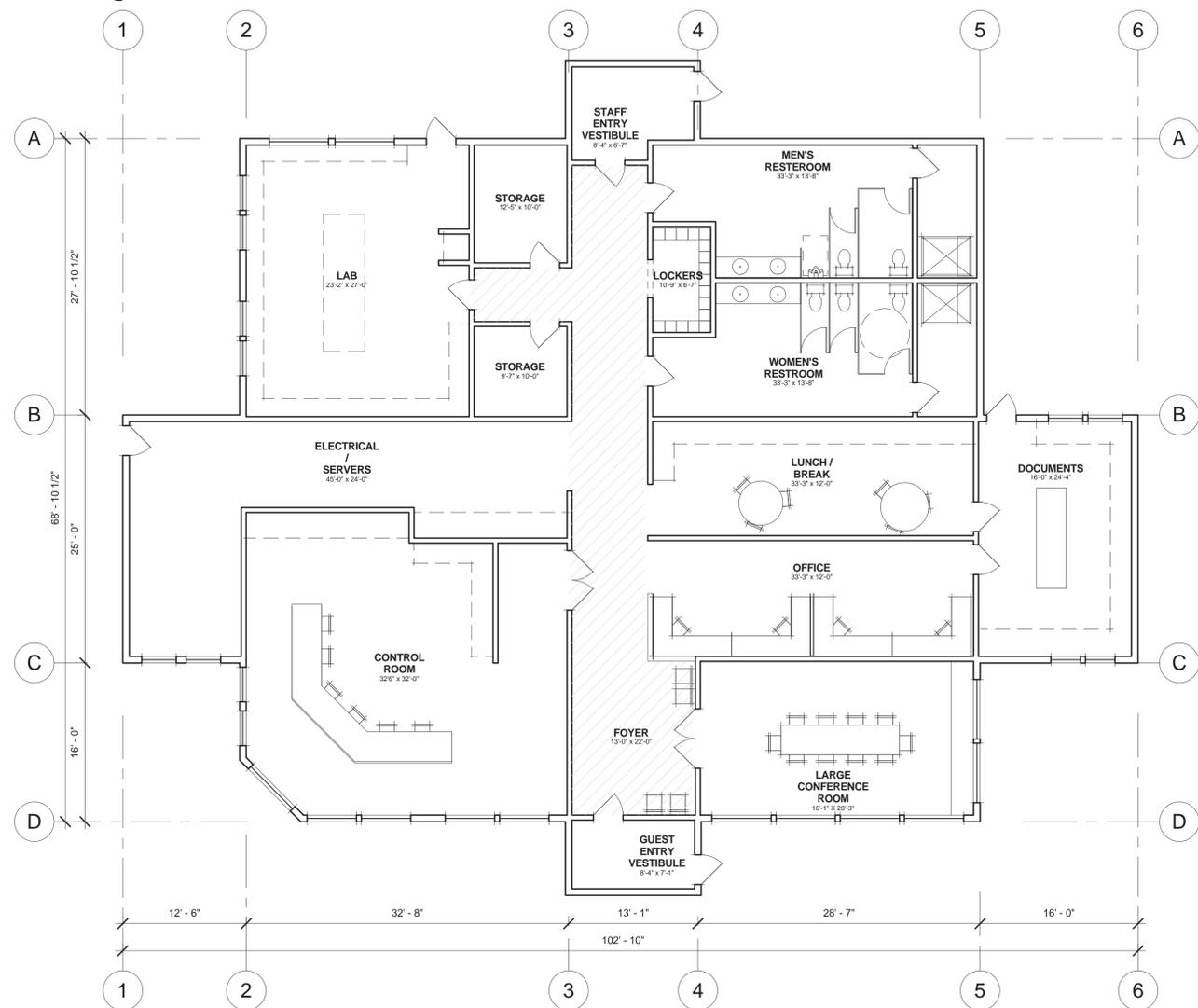
Control Building Elevation

Total Building Area: 7088 s.f.

Scale: 1/8" = 1'-0"



Perspective Rendering  
South-West Corner



Control Building Floor Plan



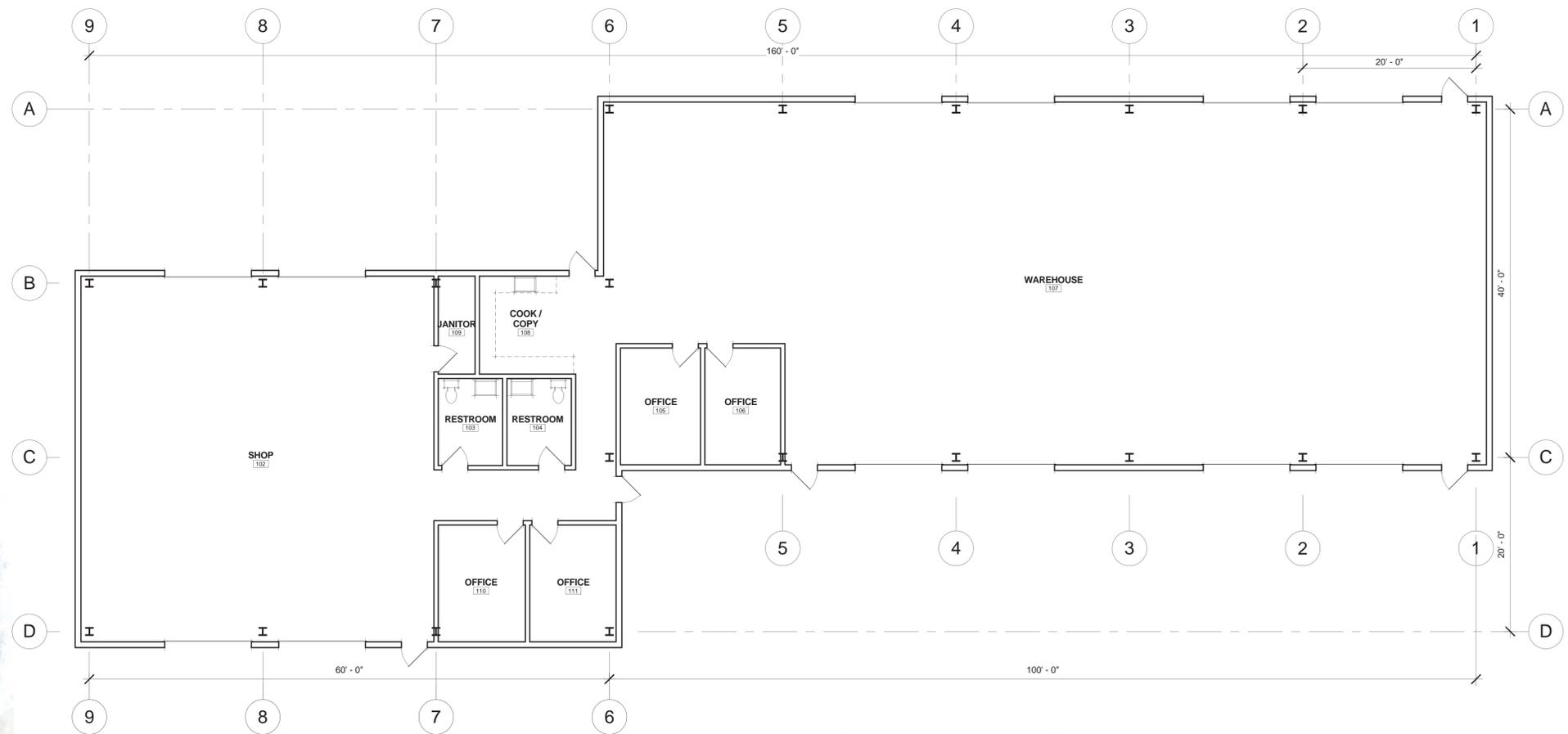
Scale: 1/8" = 1'-0"



Perspective Rendering  
South Facade



Perspective Rendering  
North Facade



Warehouse & Shop Floor Plan  
Total Building Area: 7088 s.f.

Scale: 1/8" = 1'-0"



Warehouse & Shop Elevation

Scale: 1/8" = 1'-0"

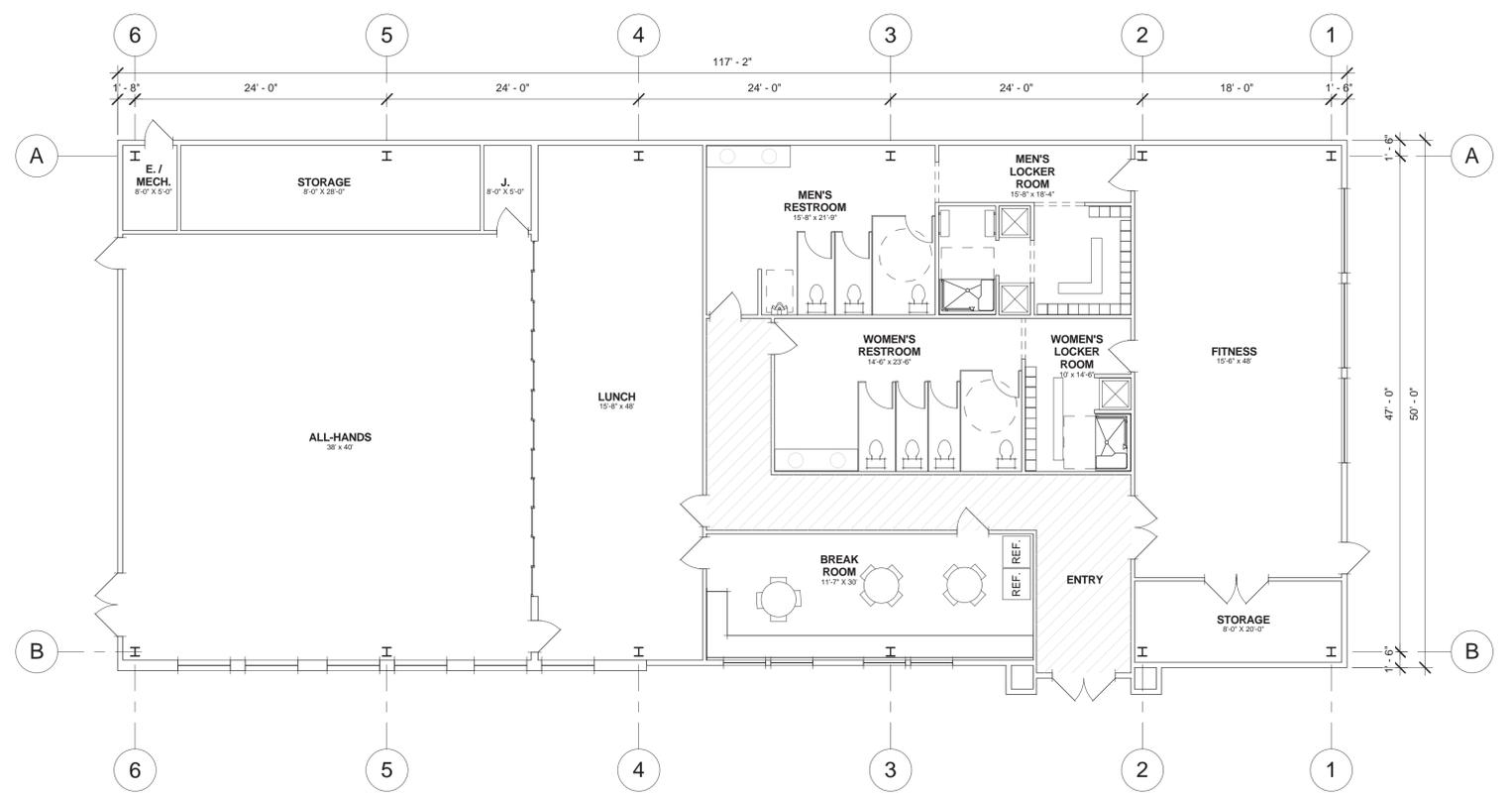


Front Elevation

Scale: 1/8" = 1'-0"



Perspective Rendering  
Eastern Facade



Multi-Purpose Center Floor Plan

Total Building Area: 5850 s.f.

Scale: 1/8" = 1'-0"



Perspective Rendering  
Eastern Facade Corner



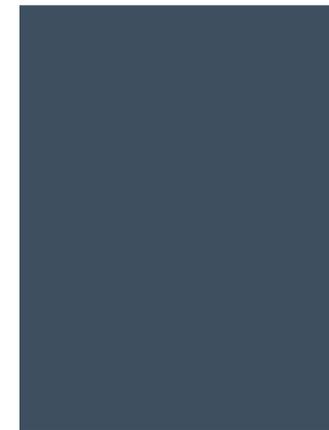
Kingspan Metal Wall Panel  
in Redwood



Kingspan Metal Wall Panel  
in Bone White



Windows-Storefront Frames  
Clear Anodized Aluminum



Painted Steel Canopy  
Dunn Edwards  
DE5818 Midnight Haze



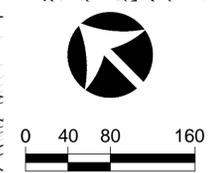
Louvered Mechanical Screen  
Clear Anodized Aluminum

CONCEPT PLANT SCHEDULE

|  |   |  |   |
|--|---|--|---|
|  | <b>TREES - 30' TO 65' HT</b><br>Arbutus menziesii / Pacific Madrone<br>Quercus agrifolia / Coast Live Oak   |  | <b>SHRUBS/ GROUNDCOVER - 1' TO 2' HT</b><br>Achillea millefolium / Common Yarrow<br>Arctostaphylos species / Manzanita<br>Baccharis pilularis / Coyote Brush<br>Ceanothus species / Wild Lilac<br>Epilobium canum / California Fuchsia<br>Eschscholzia californica / California Poppy<br>Lupinus albus / Silver Bush Lupine<br>Salvia apata / White Sage<br>Salvia spathacea / Hummingbird Sage<br>Sisyrinchium bellum / Blue Eyed Grass<br>Symphoricarpos albus / Common White Snowberry   |
|  | <b>TREES - 15' TO 25' HT</b><br>Aesculus californica / California Buckeye<br>Cercocarpus betuloides / Mountain Mahogany   |  | <b>EROSION CONTROL HYDROSEED MIX</b><br>Acmispon glaber scoparius / Deer Weed<br>Artemisia californica / California Sagebrush<br>Baccharis pilularis / Coyote Brush<br>Bromus cinnatus / California Brome-Grass<br>Croton setigerus / Turkey Mullein<br>Enogonum fasciculatum fasciculatum / California Buckwheat<br>Festuca microrstachys / Small Fescue<br>Lathraea californica / California Goldfields<br>Lupinus nanus / Sky Lupine<br>Melica californica / Melic<br>Mimulus aurantiacus longiflorus / Sticky Monkey Flower<br>Salvia mellifera / Black Sage<br>Stipa pulchra / Purple Needle Grass<br>Trifolium wildenowii / Tomcat Clover |
|  | <b>SHRUBS - 6' TO 10' HT</b><br>Arctostaphylos species / Manzanita<br>Ceanothus species / Wild Lilac<br>Garrya elliptica / Coast Silk Tassel<br>Heteromeles arbutifolia / Toyon<br>Malacothamnus fasciculatus / Chaparral Mallow<br>Rhamnus californica / California Coffee Berry<br>Rhamnus crocea / Redberry<br>Rhus ovata / Sugar Bush<br>Ribes speciosum / Fuchsia Flowering Gooseberry<br>Sambucus mexicana / Mexican Elderberry<br>Yucca whipplei / Chaparral Yucca |  | <b>SHRUBS - 3' TO 5' HT</b><br>Arctostaphylos species / Manzanita<br>Artemisia californica / California Sagebrush<br>Baccharis pilularis / Coyote Brush<br>Ceanothus species / Wild Lilac<br>Elymus condensatus / Giant Wild Rye<br>Encelia californica / California Encelia<br>Enogonum fasciculatum / Common Buckwheat<br>Festuca californica / California Fescue<br>Lupinus chamissonis / Dune Lupine<br>Mimulus aurantiacus longiflorus / Sticky Monkey Flower<br>Rosa californica / California Wild Rose<br>Salvia clevelandii / Cleveland Sage<br>Salvia leucophylla / Purple Leaf Sage<br>Salvia mellifera / Black Sage                  |

**NOTES:**  
1. The Concept Plant Schedule includes species for both shade and sun. As plans progress create proper plant placement based on solar aspect requirements.  
2. Hydroseed shall be applied in the late fall or early winter when consistent rain events are expected to promote seed germination and establishment.

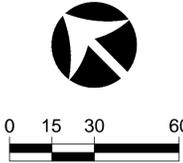
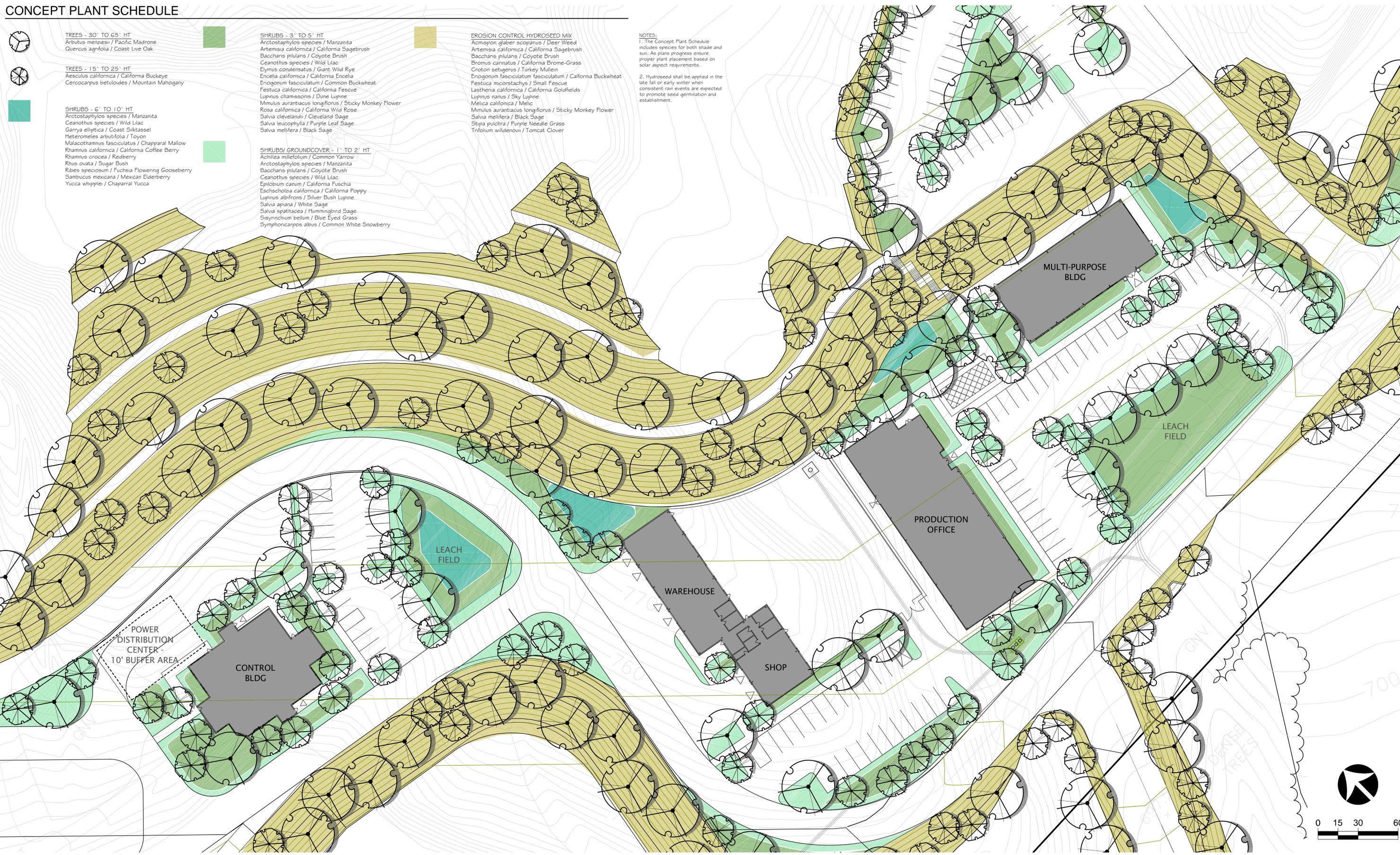
SEE OFFICE CORE ENLARGEMENT ON SHEET L-2



CONCEPT PLANT SCHEDULE

-  TREES - 30' TO 65' HT  
 Arbutus menziesii / Pacific Madrone  
 Quercus agrifolia / Coast Live Oak
-  TREES - 15' TO 25' HT  
 Aesculus californica / California Buckeye  
 Cercocarpus betuloides / Mountain Mahogany
-  SHRUBS - 6' TO 10' HT  
 Arctostaphylos species / Manzanita  
 Ceanothus species / Wild Lilac  
 Garrya elliptica / Coast Silk-tassel  
 Heteromeles arbutifolia / Toyon  
 Malacothamnus fasciculatus / Chaparral Mallow  
 Rhamnus californica / California Coffee Berry  
 Rhamnus crocea / Redberry  
 Rhus ovata / Sugar Bush  
 Ribes speciosum / Fuchsia Flowering Gooseberry  
 Sambucus mexicana / Mexican Elderberry  
 Yucca whipplei / Chaparral Yucca
-  SHRUBS - 3' TO 5' HT  
 Arctostaphylos species / Manzanita  
 Artemisia californica / California Sagebrush  
 Baccharis pilularis / Coyote Brush  
 Ceanothus species / Wild Lilac  
 Elymus condensatus / Giant Wild Rye  
 Encelia californica / California Encelia  
 Enogonum fasciculatum / Common Buckwheat  
 Festuca californica / California Fescue  
 Lupinus chamissonis / Dune Lupine  
 Mimulus aurantiacus longiflorus / Sticky Monkey Flower  
 Rosa californica / California Wild Rose  
 Salvia clevelandii / Cleveland Sage  
 Salvia leucophylla / Purple Leaf Sage  
 Salvia mellifera / Black Sage
-  SHRUBS/ GROUNDCOVER - 1' TO 2' HT  
 Achillea millefolium / Common Yarrow  
 Arctostaphylos species / Manzanita  
 Baccharis pilularis / Coyote Brush  
 Ceanothus species / Wild Lilac  
 Epilobium canum / California Fuchsia  
 Eschscholzia californica / California Poppy  
 Lupinus albus / Silver Bush Lupine  
 Salvia apiana / White Sage  
 Salvia spathacea / Hummingbird Sage  
 Sisynchium bellum / Blue Eyed Grass  
 Symphoricarpos albus / Common White Snowberry
-  EROSION CONTROL HYDROSEED MIX  
 Acemispion glaber scoparius / Deer Weed  
 Artemisia californica / California Sagebrush  
 Baccharis pilularis / Coyote Brush  
 Bromus cinnatus / California Brome-Grass  
 Croton setigerus / Turkey Mullien  
 Enogonum fasciculatum fasciculatum / California Buckwheat  
 Festuca microrstachya / Small Fescue  
 Lasthenia californica / California Goldfields  
 Lupinus nanus / Sky Lupine  
 Melica californica / Melic  
 Mimulus aurantiacus longiflorus / Sticky Monkey Flower  
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NOTES:  
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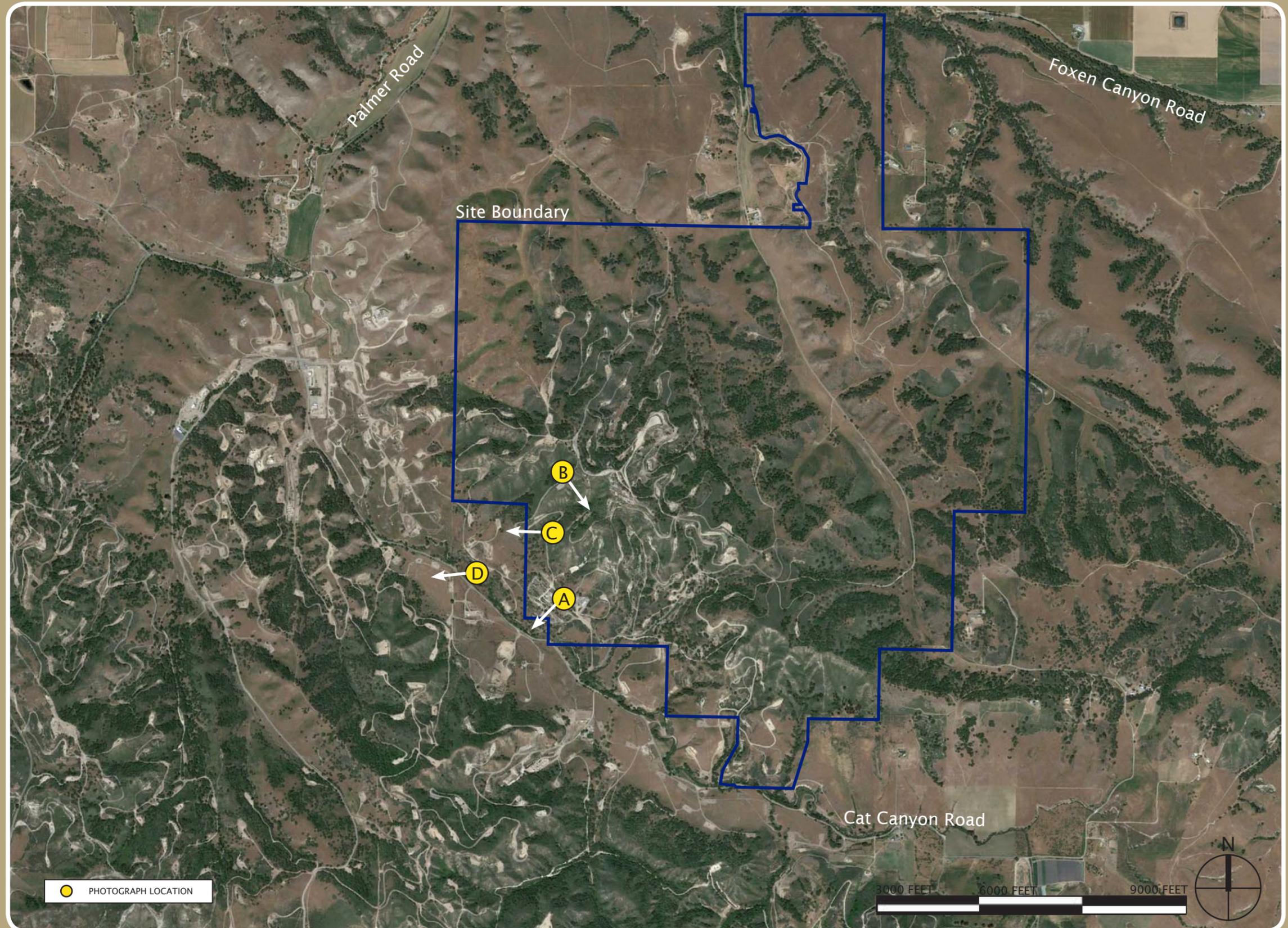




# EAST CAT CANYON OIL FIELD REDEVELOPMENT PROJECT

V I S U A L   S I M U L A T I O N S

MARCH 9, 2016



# EXISTING OIL FIELDS ON ADJACENT PROPERTIES

### Project Location:

The proposed project site lies within the Eastern portion of the Cat Canyon Oil Field located at 6516 Cat Canyon road, in Northern Santa Barbara County, California.

It is noted that currently operating oil fields exist in the West and Southwest portion of the project site. Their approximate locations are identified in map on preceding page.

### General Notes:

RRM visited the site to review potential vantage points of the project site from public accessed roads. Nine vantage points were taken that day from locations along Cat Canyon Road. Locations of visual simulations were selected in areas where proposed project improvements were most apparent from Cat Canyon Road. From these nine vantage points, three vantage points were selected for the purposes of these visual simulations. The project was modeled electronically and overlaid in draft form over the nine views in order to pair down the number of vantage points. These three vantage points were selected based on how in depth they captured the project improvements.

With the exception of view #4, the images were photographed at approximately 35 mm with a Nikon D70 digital camera on October 10, 2013. Each photo was taken at mid-day, approximately 60" above the ground to simulate an eye-level view of a pedestrian. The Nikon D70 camera chipset does not have a one-to-one pixel ratio and uses an approximate 1.5 multiplier. When this camera is set to a 35mm setting, the actual field of view is 50mm. 50 mm is arguably the setting that most closely matches the human eye. View #4 was photographed at 18 mm in order to capture a wider angle view of the project from the same perspective as view #3. The images were imported into 3d Studio Max where they served as the backdrop for the visual simulations.

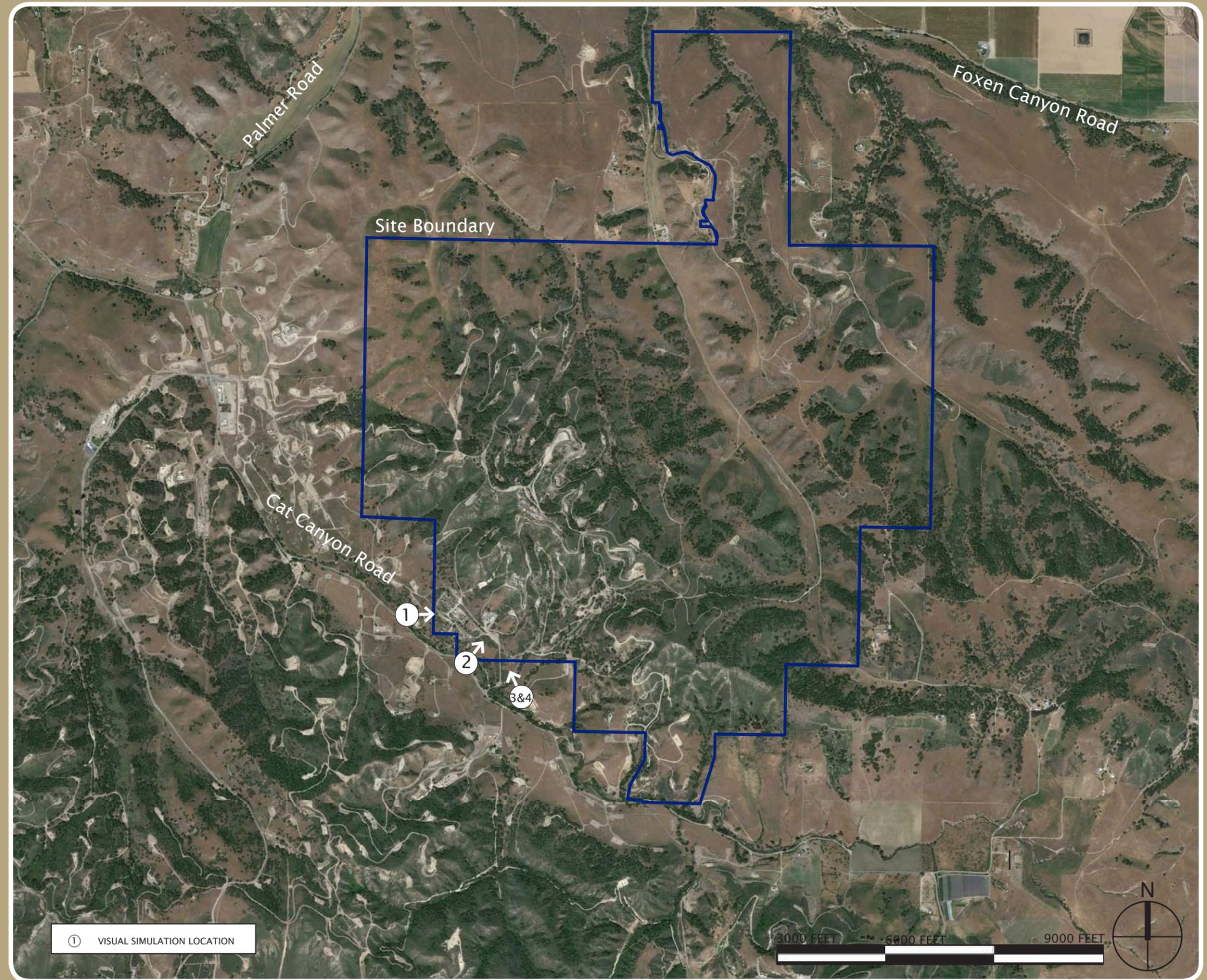
A coordinate point was derived for each picture taken via gps points and Google Maps. These coordinate points were imported into the CAD base to locate the camera locations relative to the site. A virtual camera was created in 3D Studio MAX electronically for each of the 35 mm photographs taken at each vantage point. Elevations for the cameras were obtained from existing topographic data.

The project site was electronically modeled in Google Sketchup based off the Sketchup file provided to RRM Design Group on July 30, 2014. RRM provided additional texturing and detailing to the project components, but the original dimensions were left intact.

Proposed grading information was carried over from the Sketchup file provided to RRM.

Landscape elements were modeled based on preliminary landscaping shown on the Conceptual Landscape Plan provided July 2014.

Once the model was created, the scene was set to render the electronic model at approximately the same time and date as the photographs in order to match lighting angles. These 35 mm rendered scenes were then overlaid above the existing photographs in Adobe Photoshop where minor modifications were made to finalize the images. The images were verified by observing key features within the existing photos and verifying their proper alignment in the aerial photos.



CONCEPT PLANT SCHEDULE

- |  |   |
|--|---|
| <p><b>TREES - 30' TO 65' HT</b></p> <ul style="list-style-type: none"> <li>Arbutus menziesii / Pacific Madrone</li> <li>Lithocarpus densiflorus / Tanbark Oak</li> <li>Quercus agrifolia / Coast Live Oak</li> <li>Quercus douglasii / Blue Oak</li> <li>Quercus lobata / Valley Oak</li> </ul> <p><b>TREES - 15' TO 25' HT</b></p> <ul style="list-style-type: none"> <li>Reichodea californica / California Buckeye</li> <li>Cercis occidentalis / Western Redbud</li> <li>Cercocarpus betuloides / Mountain Mahogany</li> <li>Prunus icliola / Folly Leaf Cherry</li> </ul> <p><b>SHRUBS - 6' TO 10' HT</b></p> <ul style="list-style-type: none"> <li>Arctostaphylos species / Manzanita</li> <li>Carpenteria californica / Bush Anemone</li> <li>Ceanothus species / Wild Lilac</li> <li>Dendromecon harfordii / Island Bush Poppy</li> <li>Encyonem arborescens / Santa Cruz Island Buckwheat</li> <li>Fremontodendron californicum / California Flannel Bush</li> <li>Garrya elliptica / Coast Siltaster</li> <li>Heteromeles arbutifolia / Toyon</li> <li>Melissa aequalium / Oregon Grape</li> <li>Myrica californica / Pacific Wax Myrtle</li> <li>Neomexicanella californica / California Coffee Berry</li> <li>Rhamnus crocea / Rubberry</li> <li>Rhus glabra / Sage Bush</li> <li>Ribes aureum / Golden Currant</li> <li>Ribes sanguineum / Rose Flowering Currant</li> <li>Ribes speciosum / Yellow Flowering Gooseberry</li> <li>Romneya coulteri / Madia Poppy</li> <li>Sambucus mexicana / Mountain Elderberry</li> <li>Yucca whipplei / Chaparral Yucca</li> </ul> | <p><b>SHRUBS - 3' TO 5' HT</b></p> <ul style="list-style-type: none"> <li>Arctostaphylos species / Manzanita</li> <li>Artemisia californica / California Sagebrush</li> <li>Baccharis pilularis species / Dwarf Coyote Brush</li> <li>Ceanothus species / Wild Lilac</li> <li>Elymus condensatus / Giant Wild Rye</li> <li>Erigeron fasciculatus / Common Buckwheat</li> <li>Festuca californica / California Fescue</li> <li>Minulus aurantiacus / Sticky Monkey Flower</li> <li>Muhlenbergia rigens / Deer Grass</li> <li>Ribes malacocarpum / Euparal Currant</li> <li>Rosa californica / California Wild Rose</li> <li>Salvia clevelandii / Cleveland Sage</li> <li>Salvia leucophylla / Purple Leaf Sage</li> <li>Salvia mellera / Black Sage</li> </ul> <p><b>SHRUBS / GROUNDCOVER - 1' TO 2' HT</b></p> <ul style="list-style-type: none"> <li>Achillea millefolium / Common Yarrow</li> <li>Arctostaphylos species / Manzanita</li> <li>Baccharis pilularis species / Dwarf Coyote Brush</li> <li>Ceanothus species / Wild Lilac</li> <li>Eschscholzia californica / California Poppy</li> <li>Mahonia repens / Creeping Mahonia</li> <li>Ribes viburnifolium / Evergreen Currant</li> <li>Salvia apiana / White Sage</li> <li>Salvia sonomensis / Creeping Sage</li> <li>Syntherisma bellum / Blue-eyed Grass</li> <li>Symptlocarpus albus / Common White Snowberry</li> </ul> <p><b>NON IRRIGATED HYDROSEED AREAS</b></p> |
|--|---|



East Cat Canyon Oil Field  
Redevelopment Project

SCHMATIC LANDSCAPE PLAN



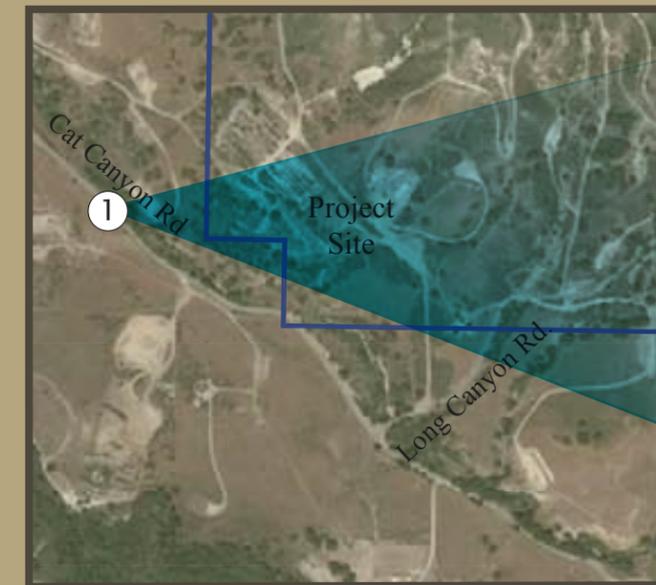
**rrm design group**  
creating our tomorrow people enjoy



EXISTING VIEW

KEYMAP

IMAGE VIEWING ANGLE  
① PHOTO LOCATION

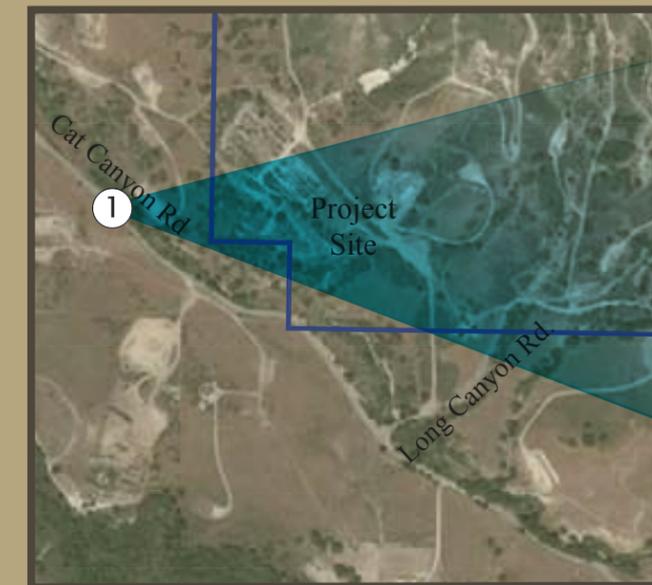




PROPOSED VIEW

KEYMAP

IMAGE VIEWING ANGLE  
① PHOTO LOCATION





PROPOSED VIEW

KEYMAP

 IMAGE VIEWING ANGLE  
 PHOTO LOCATION

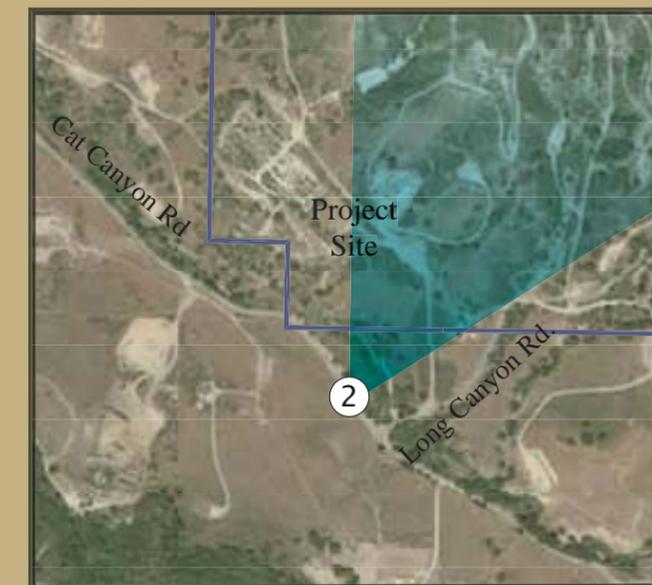




EXISTING VIEW

KEYMAP

IMAGE VIEWING ANGLE  
① PHOTO LOCATION





PROPOSED VIEW

KEYMAP

IMAGE VIEWING ANGLE  
① PHOTO LOCATION





PROPOSED VIEW

KEYMAP

① IMAGE VIEWING ANGLE  
② PHOTO LOCATION





**KEYMAP**

IMAGE VIEWING ANGLE  
① PHOTO LOCATION



**EXISTING VIEW**



KEYMAP

IMAGE VIEWING ANGLE  
① PHOTO LOCATION



PROPOSED VIEW



TANKS

EXISTING OFF-SITE PUMPING UNIT

PROPOSED ADMINISTRATIVE SUPPORT BUILDING

PROPOSED ADMINISTRATIVE SUPPORT BUILDING

KEYMAP

IMAGE VIEWING ANGLE  
① PHOTO LOCATION



PROPOSED VIEW



**KEYMAP**

IMAGE VIEWING ANGLE  
① PHOTO LOCATION



**EXISTING VIEW**

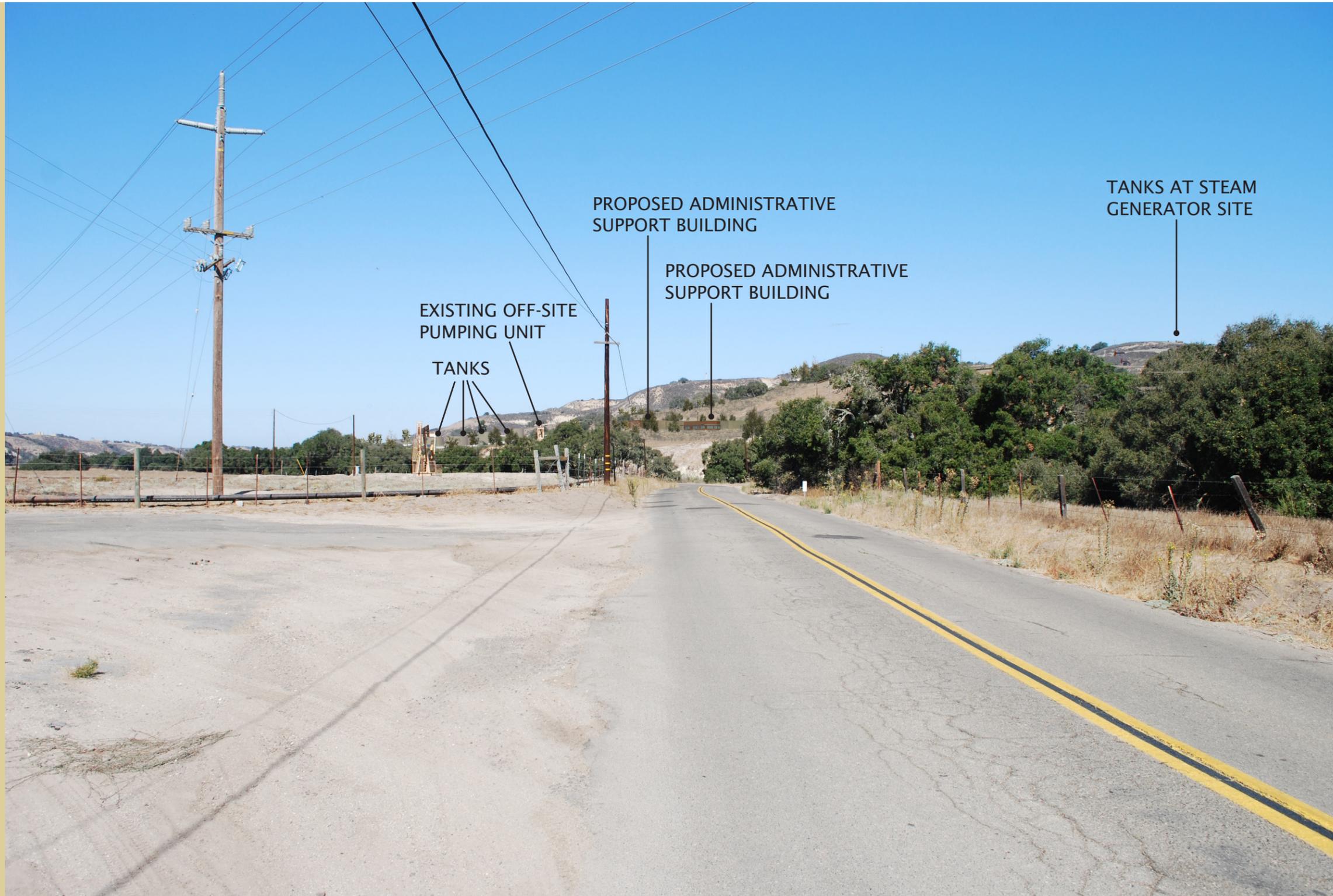


**KEYMAP**

IMAGE VIEWING ANGLE  
① PHOTO LOCATION



**PROPOSED VIEW**



EXISTING OFF-SITE  
PUMPING UNIT  
TANKS

PROPOSED ADMINISTRATIVE  
SUPPORT BUILDING  
PROPOSED ADMINISTRATIVE  
SUPPORT BUILDING

TANKS AT STEAM  
GENERATOR SITE

**KEYMAP**

|   |                     |
|---|---------------------|
|  | IMAGE VIEWING ANGLE |
|  | PHOTO LOCATION      |



**PROPOSED VIEW**