East Cat Canyon Oil Field Redevelopment Project
Application Design Package

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Site Plan

East Cat Canyon Oil Field Redevelopment Project
Application Design Package

Total Parking Spaces: 175 spaces

Scale: 1" = 30'-0"

Total Parking: 175 SPACES

11 August 2014
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Production Office

Total Building Area: 11'150 s.f.

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

Control Building Elevation
Total Building Area: 7088 sf.

Control Building Floor Plan
Scale: 1/8" = 1'-0"

Perspective Rendering
South-West Corner

Perspective Rendering
South Facade

Control Building

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A-2
Total Building Area: 7088 s.f.
Multi-Purpose Center Floor Plan
Total Building Area: 5850 s.f.

East Cat Canyon Oil Field Redevelopment Project
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11 August 2014

Multi-Purpose Building

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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
SHRUBS - 1' TO 2' HT
- Achillea millefolium / Common Yarrow
- Arctostaphylos species / Manzanita
- Baccharis pilularis / Coyote Brush
- Ceanothus species / Wild Lilac
- Epilobium canum / California Fuschia
- Eschscholzia californica / California Poppy
- Lupinus albifrons / Silver Bush Lupine
- Salvia apiana / White Sage
- Salvia spathacea / Hummingbird Sage
- Sisyrinchium bellum / Blue Eyed Grass
- Symphoricarpos albus / Common White Snowberry

EROSION CONTROL HYDROSEED MIX
- Acmispon glaber scoparius / Deer Weed
- Artemisia californica / California Sagebrush
- Baccharis pilularis / Coyote Brush
- Bromus carinatus / California Brome-Grass
- Croton setigerus / Turkey Mullein
- Eriogonum fasciculatum fasciculatum / California Buckwheat
- Festuca microstachys / Small Fescue
- Lasthenia californica / California Goldfields
- Lupinus nanus / Sky Lupine
- Melica califonica / Melic
- Mimulus aurantiacus longiflorus / Sticky Monkey Flower
- Salvia mellifera / Black Sage
- Stipa pulchra / Purple Needle Grass
- Trifolium willdenovii / Tomcat Clover

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 Silktassel
- Heteromeles arbutifolia / Toyon
- Malacothamnus fasciculatus / Chapparal 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
- Eriogonum 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

CONCEPT PLANT SCHEDULE

NOTES:
1. The Concept Plant Schedule includes species for both shade and sun. As plans progress ensure 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.

REFER TO GRADING PLANS FOR TREATMENT OF SLOPES AND BASINS WITHIN THE CENTRAL PROCESSING FACILITY, TYPICAL.
CONCEPT PLANT SCHEDULE

EROSION CONTROL HYDROSEED MIX

Acmispon glaber scoparius / Deer Weed
Artemisia californica / California Sagebrush
Baccharis pilularis / Coyote Brush
Bromus carinatus / California Brome-Grass
Croton setigerus / Turkey Mullein
Eriogonum fasciculatum fasciculatum / California Buckwheat
Festuca microstachys / Small Fescue
Lasthenia californica / California Goldfields
Lupinus nanus / Sky Lupine
Melica califonica / Melic
Mimulus aurantiacus longiflorus / Sticky Monkey Flower
Salvia mellifera / Black Sage
Stipa pulchra / Purple Needle Grass
Trifolium willdenovii / Tomcat Clover

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
Eriogonum 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 Fuschia
Eschscholzia californica / California Poppy
Lupinus albifrons / Silver Bush Lupine
Salvia apiana / White Sage
Salvia spathacea / Hummingbird Sage
Sisyrinchium bellum / Blue Eyed Grass
Symphoricarpos albus / Common White Snowberry

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 Silktassel
Heteromeles arbutifolia / Toyon
Malacothamnus fasciculatus / Chapparal Mallow
Rhamnus californica / California Coffee Berry
Rhamnus crocea / Redberry
Rhus ovata / Sugar Bush
Ribes speciosum / Fuchsia Flowering Gooseberry
Salix lasiolepis / Willow
Sambucus mexicana / Mexican Elderberry
Yucca whipplei / Chaparral Yucca

NOTES:
1. The Concept Plant Schedule includes species for both shade and sun. As plans progress ensure 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.

East Cat Canyon Oil Field Redevelopment Project Application Design Package
11 August 14

Schematic Landscape Plan
Office Core Enlargement

L-2

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EAST CAT CANYON OIL FIELD REDEVELOPMENT PROJECT

VISUAL SIMULATIONS

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.
CENTRAL FACILITIES PLAN

TREES - 30` TO 65` HT
- Arbutus menziesii / Pacific Madrone
- Lithocarpus densiflorus / Tanbark Oak
- Quercus agrifolia / Coast Live Oak
- Quercus douglasii / Blue Oak
- Quercus lobata / Valley Oak

TREES - 15` TO 25` HT
- Aesculus californica / California Buckeye
- Cercis occidentalis / Western Redbud
- Cercocarpus betuloides / Mountain Mahogany
- Prunus ilicifolia / Holly Leaf Cherry

SHRUBS - 6` TO 10` HT
- Arctostaphylos species / Manzanita
- Carpenteria californica / Bush Anemone
- Ceanothus species / Wild Lilac
- Dendromecon harfordii / Island Bush Poppy
- Eriogonum arborescens / Santa Cruz Island Buckwheat
- Fremontodendron californicum / California Flannel Bush
- Garrya elliptica / Coast Silktassel
- Heteromeles arbutifolia / Toyon
- Mahonia aquifolium / Oregon Grape
- Myrica californica / Pacific Wax Myrtle
- Rhamnus californica / California Coffee Berry
- Rhamnus crocea / Redberry
- Rhus ovata / Sugar Bush
- Ribes aureum / Golden Currant
- Ribes sanguineum / Red Flowering Currant
- Ribes speciosum / Fuchsia Flowering Gooseberry
- Romneya coulteri / Matilija Poppy
- Sambucus mexicana / Mexican Elderberry
- Yucca whipplei / Chaparral Yucca

CONCEPT PLANT SCHEDULE

SHRUBS - 3` TO 5` HT
- Arctostaphylos species / Manzanita
- Artemisia californica / California Sagebrush
- Baccharis pilularis species / Dwarf Coyote Brush
- Ceanothus species / Wild Lilac
- Elymus condensatus / Giant Wild Rye
- Eriogonum fasciculatum / Common Buckwheat
- Festuca californica / California Fescue
- Mimulus aurantiacus / Sticky Monkey Flower
- Muhlenbergia rigens / Deer Grass
- Ribes malvaceum / Chaparral Currant
- 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 species / Dwarf Coyote Brush
- Ceanothus species / Wild Lilac
- Eschscholzia californica / California Poppy
- Mahonia repens / Creeping Mahonia
- Ribes viburnifolium / Evergreen Currant
- Salvia apiana / White Sage
- Salvia sonomensis / Creeping Sage
- Sisyrinchium bellum / Blue Eyed Grass
- Symphoricarpos albus / Common White Snowberry

NON IRRIGATED HYDROSEED AREAS
PROPOSED VIEW

EAST CAT CANYON - VISUAL SIMULATIONS | VIEW LOOKING EAST FROM CAT CANYON RD.
PROPOSED VIEW

EX. ROAD CUT WITH RE-VEGETATION

PIPELINE

TANK

TANK

TANK

TANK

PIPELINE

PUMPING UNIT

LONG CANYON RD.

CAT CANYON RD.

PROJECT SITE

IMAGE VIEWING ANGLE

PHOTO LOCATION

EAST CAT CANYON - VISUAL SIMULATIONS | VIEW LOOKING EAST FROM CAT CANYON RD.
PROPOSED VIEW

EAST CAT CANYON - VISUAL SIMULATIONS

VIEW LOOKING NORTHEAST FROM CAT CANYON RD.
EXISTING VIEW

EAST CAT CANYON - VISUAL SIMULATIONS

VIEW LOOKING NORTHWEST FROM CAT CANYON RD.
PROPOSED VIEW

EAST CAT CANYON - VISUAL SIMULATIONS

VIEW LOOKING NORTHWEST FROM CAT CANYON RD.
EXISTING VIEW

EAST CAT CANYON - VISUAL SIMULATIONS | (WIDE ANGLE) VIEW LOOKING NORTHWEST FROM CAT CANYON RD.
PROPOSED VIEW

EAST CAT CANYON - VISUAL SIMULATIONS | (WIDE ANGLE) VIEW LOOKING NORTHWEST FROM CAT CANYON RD.
PROPOSED VIEW

EAST CAT CANYON - VISUAL SIMULATIONS | (WIDE ANGLE) VIEW LOOKING NORTHWEST FROM CAT CANYON RD.