

# Plot Plan

for

## Tule Wind Project

San Diego County, California

Approved

California License Number: 75322

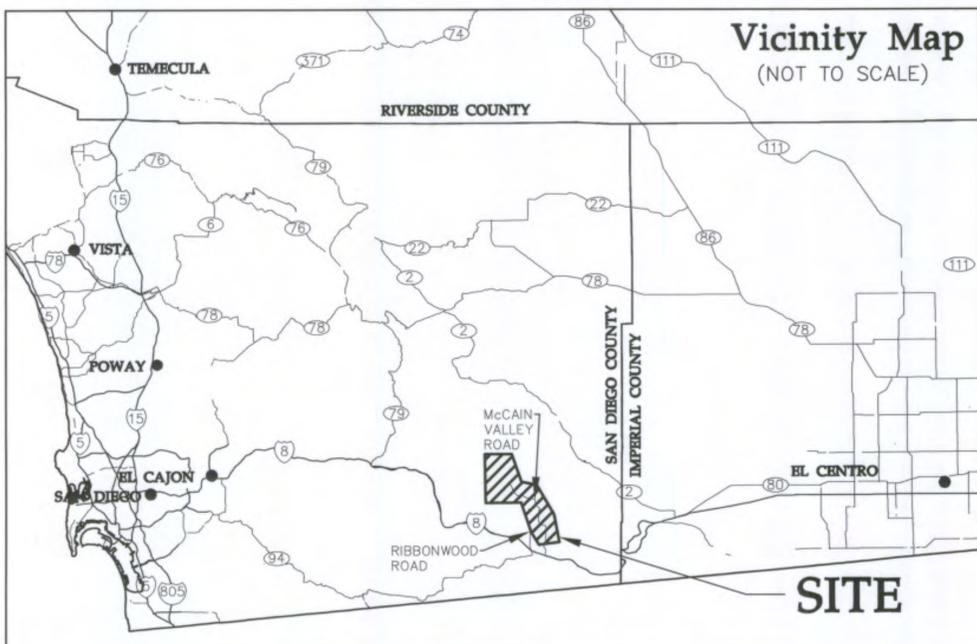
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Drawn:	KAB
Record Drawing by/date:	
Revisions:	
1	4/10/2012 INITIAL SUBMITTAL
2	4/17/2012 CLIENT COMMENTS
3	8/15/2012 APPROVED SITE

Project # P09-019 incl 28 sheets  
 was approved on August 8, 2012 by  
 The Director of Planning & Development Services  
 The Zoning Administrator  
 The San Diego County Planning Commission  
 The San Diego County Board of Supervisors  
 By: [Signature] Title: Chief

Prepared for:  
  
**IBERDROLA RENEWABLES**  
 1125 Northwest Couch, Suite 700  
 Portland, Oregon 97209

MAJOR USE PERMIT  
 CHASE NO. 3300-09-019  
 ENVIRONMENTAL LOG NO. 09-21-001  
 A MINIMUM 100-FOOT FUEL MANAGEMENT AREA WILL BE PROVIDED AROUND ALL TURBINES AND BUILDINGS INCLUDING O&M BUILDING AND SUBSTATION. WITHIN THE 100-FOOT FUEL MANAGEMENT AREA FOR TURBINES, A 60-FOOT FIRE CLEARING AREA SHALL BE PROVIDED AROUND THE TURBINE BASE.

NO.	DATE	REVISION	SHEETS
1	4/10/12	INITIAL SUBMITTAL	ALL
2	4/17/12	CLIENT COMMENTS	ALL
3	8/15/12	APPROVED SITE	ALL



MUP Number: 3300-09-019(P)

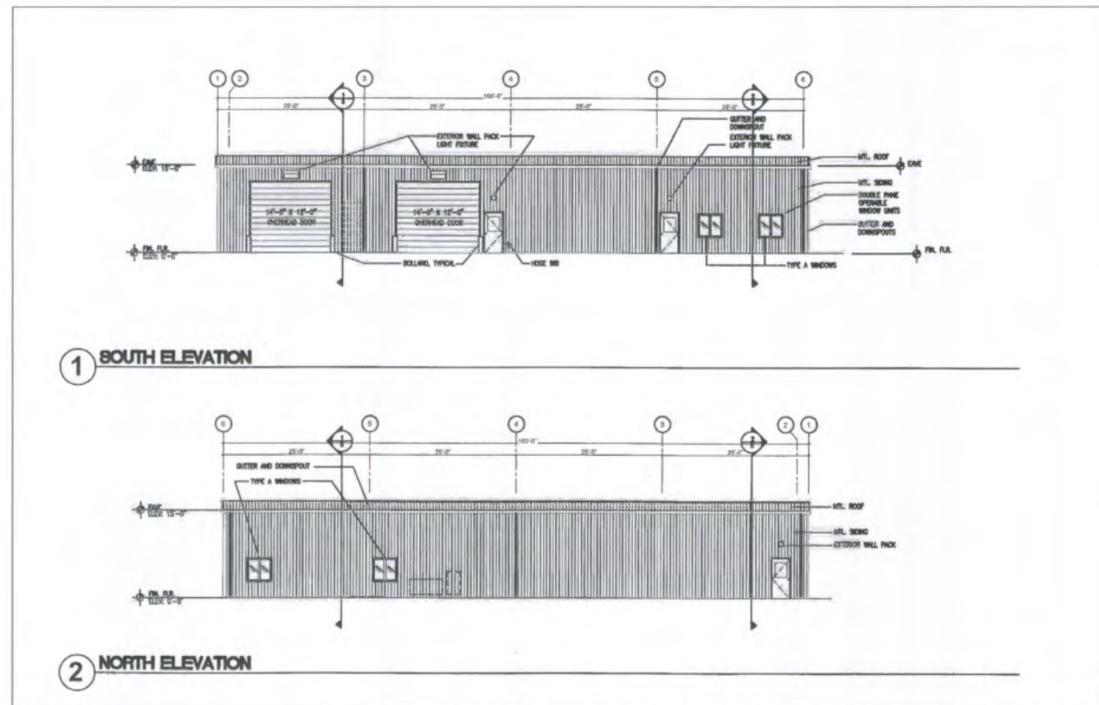
Sheet Number	Sheet Title
1	COVER
2	OVERALL LAND OWNERSHIP
3	O&M & SUBSTATION DETAILS
4	CONCEPTUAL SUBSTATION PLAN VIEW
5	CONCEPTUAL BATCH PLANT PLAN VIEW
6	CONCEPTUAL O&M PLAN VIEW
7	ENLARGED MCCAIN VALLEY ROAD IMPROVED
8	ENLARGED PRIVATE ACCESS OFF MCCAIN VALLEY ROAD
9	ENLARGED PRIVATE ACCESS OFF RIBBONWOOD ROAD
10	529-140-01-00
11	529-140-01-00
12	529-150-01-00
13	611-030-01-00
14	611-090-02-00 611-090-15-00 611-091-09-00 611-060-04
15	611-090-04-00
16	611-060-03-00 611-090-03-00
17	611-100-07-00
18	611-110-07-00
19	611-110-01-00
20	613-010-14-00 613-010-15-00
21	613-010-16-00
22	612-091-13-00 613-010-16-00 613-030-28-00 612-030-15-00
23	612-091-12-00 612-091-13-00
24	DETAILS
25	138 KV T-LINE CROSSING INTERSTATE 8
26	69 KV T-LINE CROSSING INTERSTATE 8
27	138 KV T-LINE CROSSING MCCAIN VALLEY RD
28	138 KV T-LINE CROSSING OLD HIGHWAY 80

**Tule Wind Project**  
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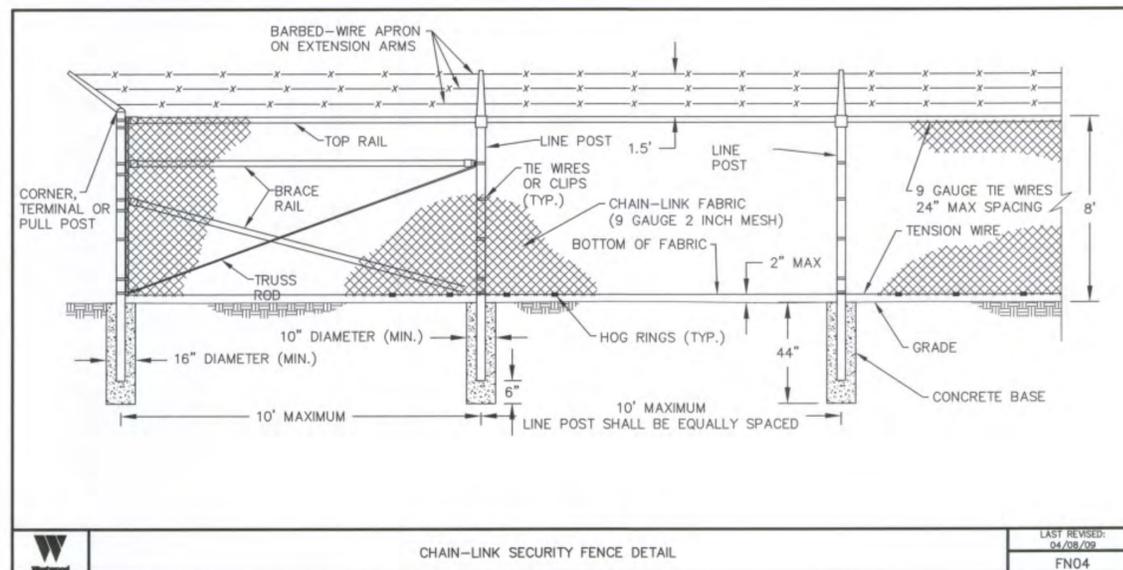
Cover  
**APPROVED**  
 AUG 08 2012  
 PLANNING AND DEVELOPMENT SERVICES  
**Preliminary**  
**NOT FOR CONSTRUCTION**

Date: 04/17/12  
 Sheet: 1 OF 28  
 20101001CVP901.dwg





TYPICAL OPERATIONS AND MAINTENANCE FACILITY ELEVATIONS  
 FIGURE 10



CHAIN-LINK SECURITY FENCE DETAIL

LAST REVISED:  
 04/08/09  
 FNO4

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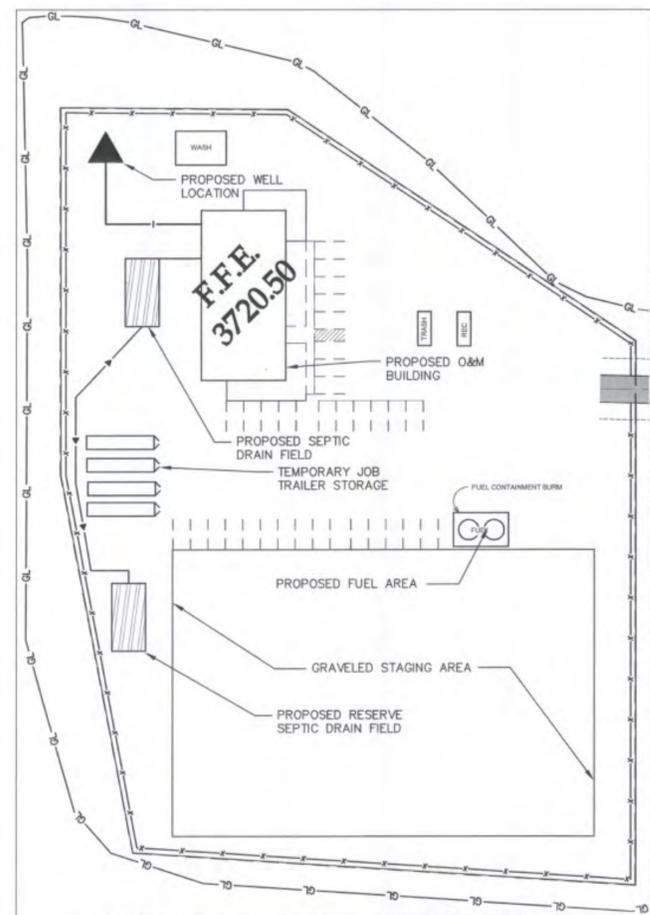
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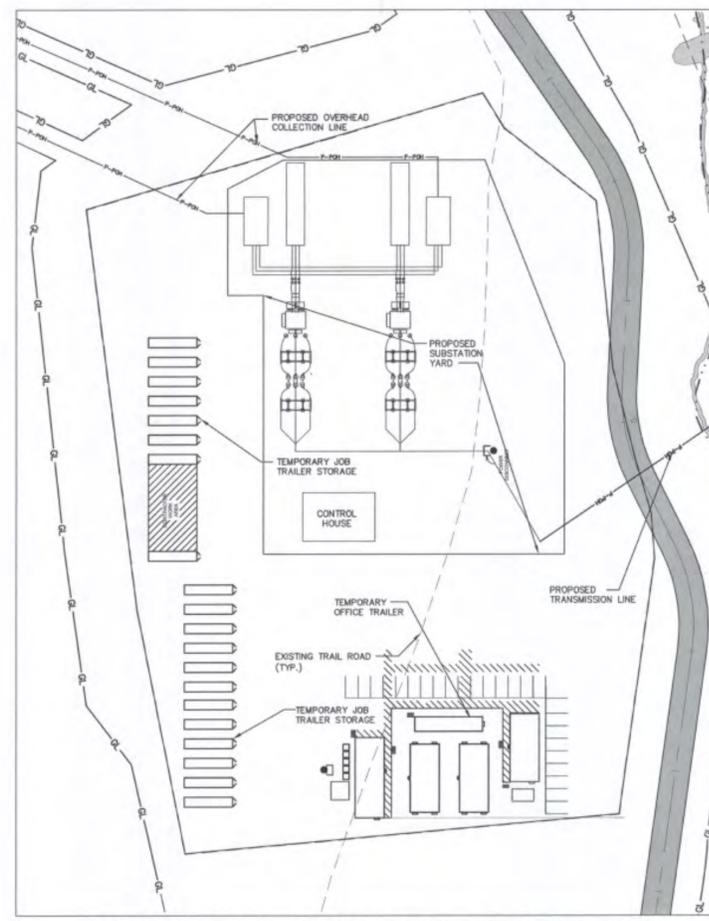
Prepared for:

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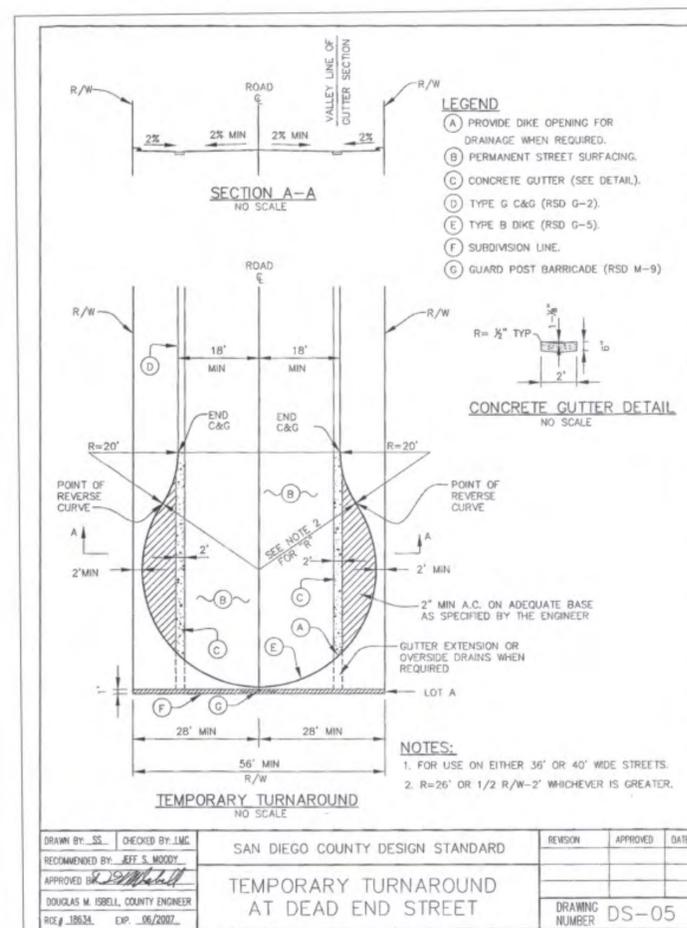
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CONCEPTUAL OPERATIONS AND MAINTENANCE FACILITY SITE  
 FIGURE 9



CONCEPTUAL 200 MW COLLECTION SUBSTATION PLAN VIEW  
 FIGURE 11



DRAWN BY: SS	CHECKED BY: LMC	SAN DIEGO COUNTY DESIGN STANDARD	REVISION	APPROVED	DATE
RECOMMENDED BY: JEFF S. WOODY		TEMPORARY TURNAROUND AT DEAD END STREET			
APPROVED BY: [Signature]					
DOUGLAS M. REBELL, COUNTY ENGINEER					
REG. # 18634	EXP. 06/2007				
					DRAWING NUMBER DS-05

**Tule Wind Project**  
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O&M & Substation  
 Details

APPROVED

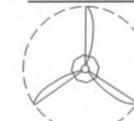
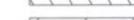
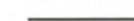
AUG 08 2012  
 PLANNING AND DEVELOPMENT  
 SERVICES

Preliminary  
 NOT FOR CONSTRUCTION

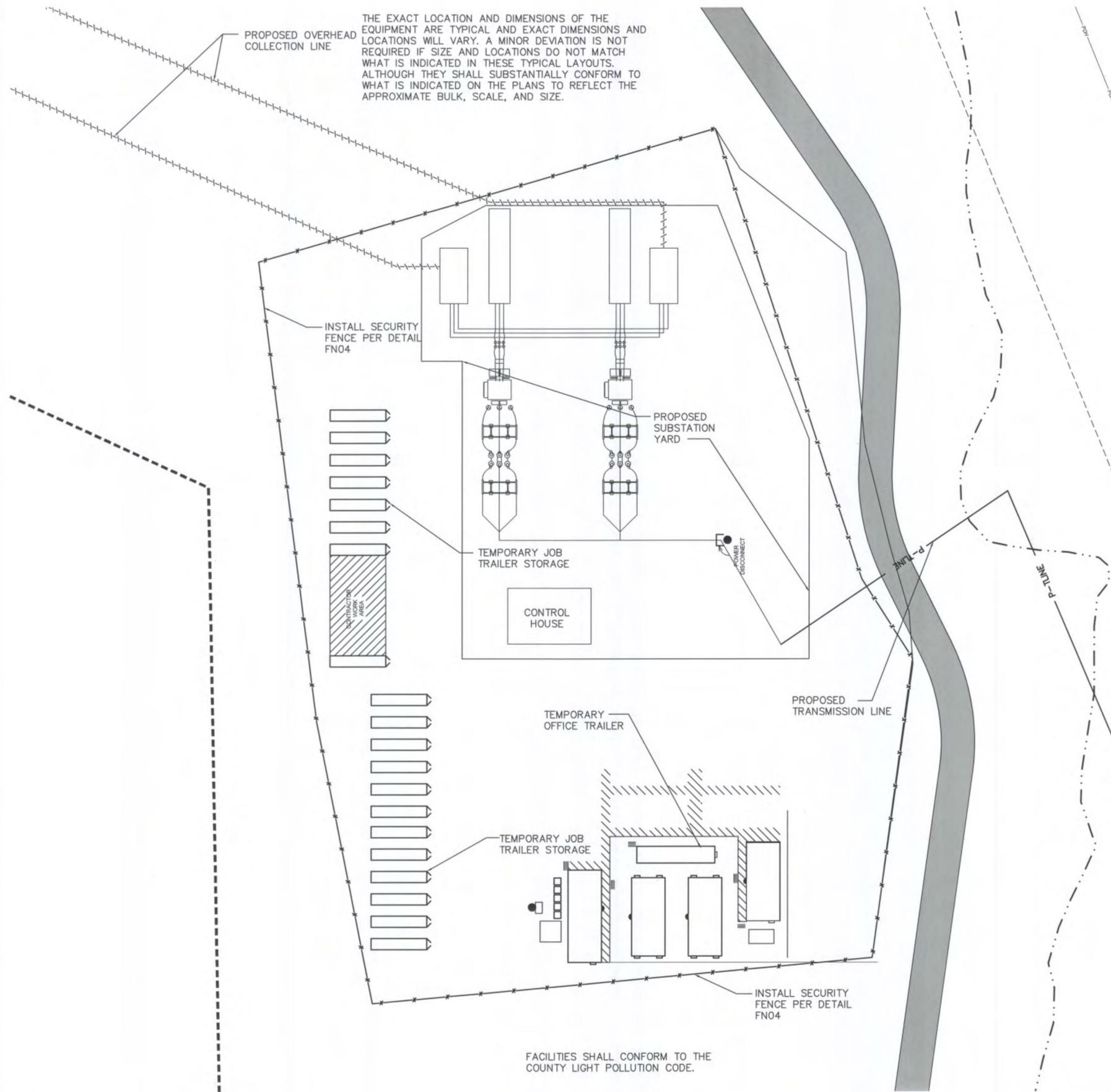
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Sheet: 3 OF 28

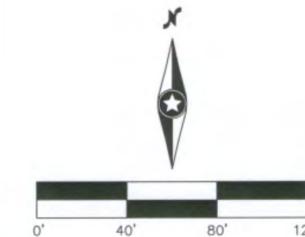
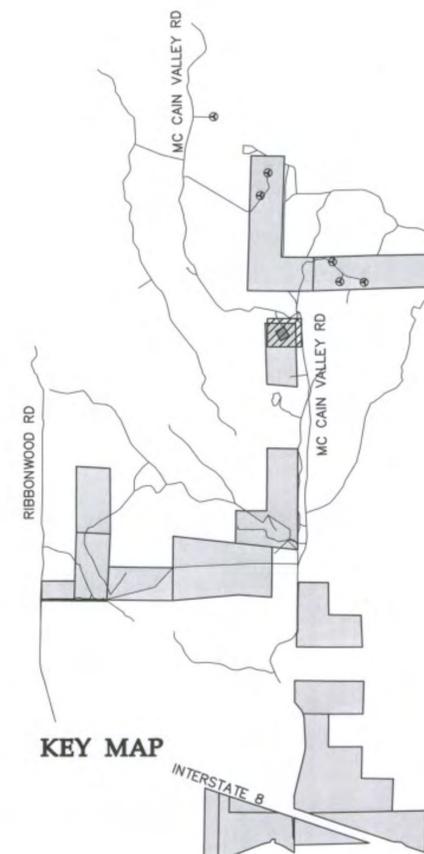
**LEGEND:**

-  TURBINE LOCATION
- T-XX** TURBINE NUMBER
-  PROPOSED ACCESS ROADS
-  PROPOSED OVERHEAD COLLECTION SYSTEM
-  PROPOSED TRANSMISSION LINE
-  ALTERNATE TRANSMISSION LINE
-  PROPOSED TRANSMISSION LINE ACCESS
-  EXISTING ROAD
-  EXISTING PRIVATE ROAD
-  EXISTING TELEPHONE LINE
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-  EXISTING FIBER OPTIC LINE
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-  EXISTING GAS PIPELINE
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-  DENOTES STATE LAND
-  MUP BOUNDARY
-  EXISTING FENCE
-  PROPOSED FENCE
-  EXISTING EASEMENT
-  PROPERTY LINE
-  BUILDING SETBACK
-  EXISTING WELL
-  PROPOSED DRAINAGE CROSSING
-  PROPOSED LONG TERM ACCESS LOCATION

THE EXACT LOCATION AND DIMENSIONS OF THE EQUIPMENT ARE TYPICAL AND EXACT DIMENSIONS AND LOCATIONS WILL VARY. A MINOR DEVIATION IS NOT REQUIRED IF SIZE AND LOCATIONS DO NOT MATCH WHAT IS INDICATED IN THESE TYPICAL LAYOUTS. ALTHOUGH THEY SHALL SUBSTANTIALLY CONFORM TO WHAT IS INDICATED ON THE PLANS TO REFLECT THE APPROXIMATE BULK, SCALE, AND SIZE.



FACILITIES SHALL CONFORM TO THE COUNTY LIGHT POLLUTION CODE.



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Conceptual  
 Substation Plan  
 View

APPROVED  
 AUG 8 2012  
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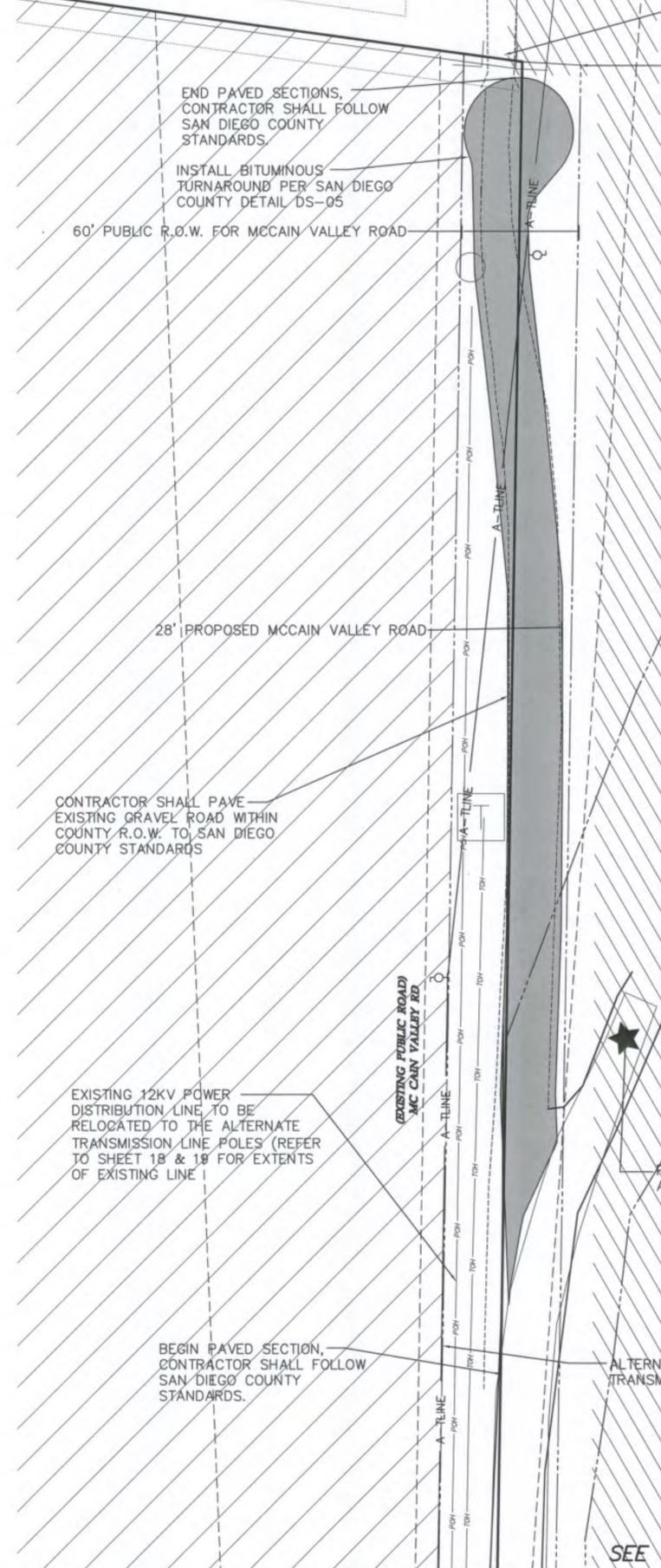
Date: 04/17/12

Sheet: 4 OF 28





SEE SHEET 18



EXISTING GRAVEL PRIVATE DRIVE NOT USED FOR PROJECT CONSTRUCTION.  
 END OF PUBLIC R.O.W.

END PAVED SECTIONS, CONTRACTOR SHALL FOLLOW SAN DIEGO COUNTY STANDARDS.  
 INSTALL BITUMINOUS TURNAROUND PER SAN DIEGO COUNTY DETAIL DS-05

60' PUBLIC R.O.W. FOR MCCAIN VALLEY ROAD

28' PROPOSED MCCAIN VALLEY ROAD

CONTRACTOR SHALL PAVE EXISTING GRAVEL ROAD WITHIN COUNTY R.O.W. TO SAN DIEGO COUNTY STANDARDS

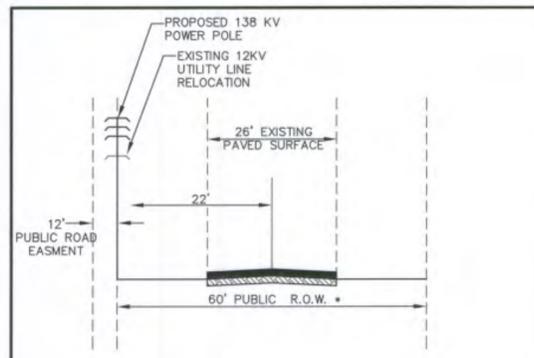
EXISTING 12KV POWER DISTRIBUTION LINE TO BE RELOCATED TO THE ALTERNATE TRANSMISSION LINE POLES (REFER TO SHEET 18 & 19 FOR EXTENTS OF EXISTING LINE)

BEGIN PAVED SECTION, CONTRACTOR SHALL FOLLOW SAN DIEGO COUNTY STANDARDS.

SEE SHEET 18

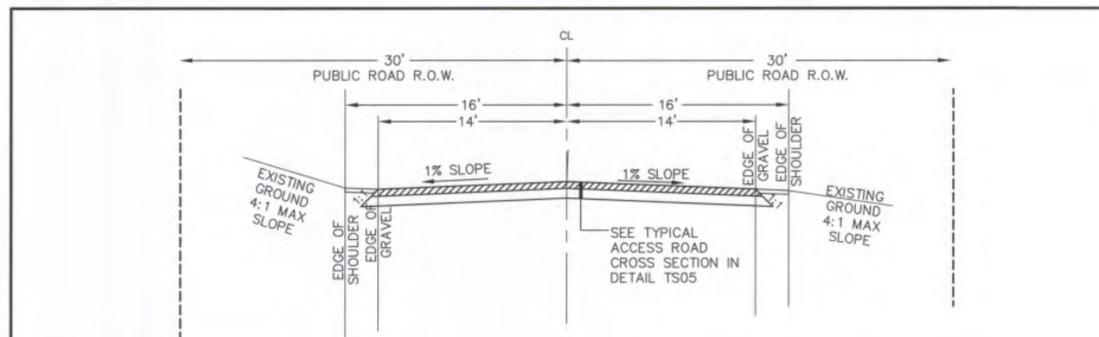
**LEGEND:**

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- PROPOSED LONG TERM ACCESS LOCATION



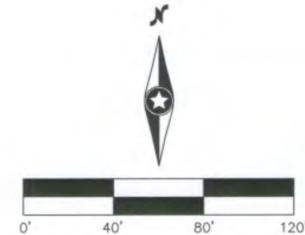
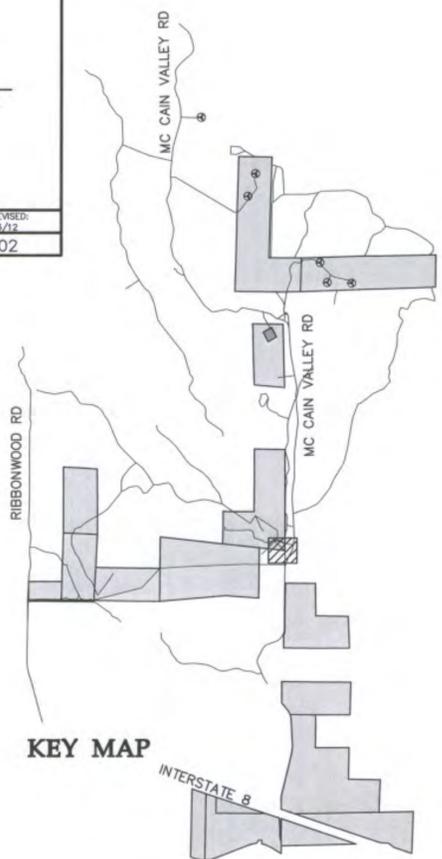
**NOTE:**  
 1. \* PUBLIC RIGHT OF WAY UNLESS OTHERWISE NOTED ON PLAN.  
 2. EXISTING 12KV LINE SHALL BE RELOCATED TO UNDERLIE THE ALTERNATE 138KV LINE IF ALTERNATE IS SELECTED. OTHERWISE 12KV LINE SHALL REMAIN IN PLACE.  
 3. ADDITIONAL CIRCUITS MAY BE ADDED TO THE 138KV POWER POLES BY FUTURE PROJECTS ASSOCIATED PERMITTING WILL BE THE RESPONSIBILITY OF THOSE RESPECTIVE PROJECTS.

MCCAIN VALLEY ROAD (PUBLIC) (TYPICAL) LAST REVISED: 12/21/11 MCO1



**NOTES:**  
 1. CONTRACTOR SHALL CONSTRUCT CROSS-SLOPE ROAD SECTION WHERE ACCESS ROADS ARE CONSTRUCTED ON A SIDE SLOPE, AND WHERE OTHERWISE NOTED ON PLANS, TO ENSURE THAT ROADS AND SHOULDERS REMAIN WELL DRAINED AT ALL TIMES.  
 2. ROAD CENTERLINE SHALL FOLLOW EXISTING MCCAIN VALLEY ROAD CENTERLINE.

MCCAIN VALLEY ROAD UPGRADE LAST REVISED: 01/03/12 MC02



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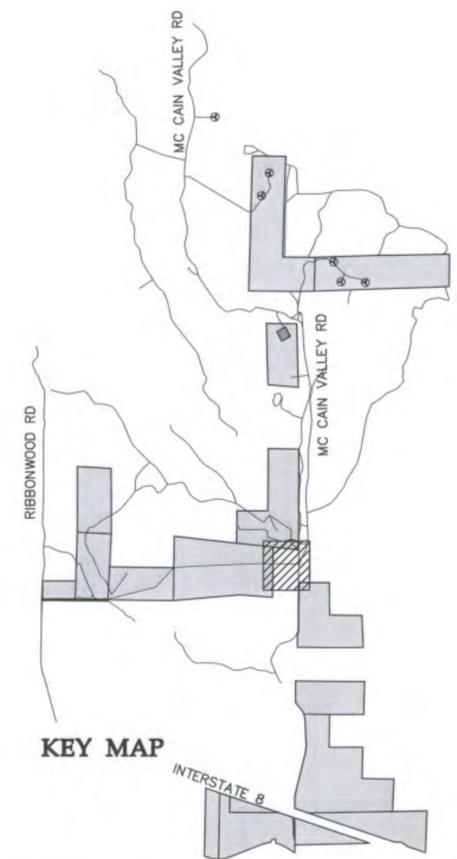
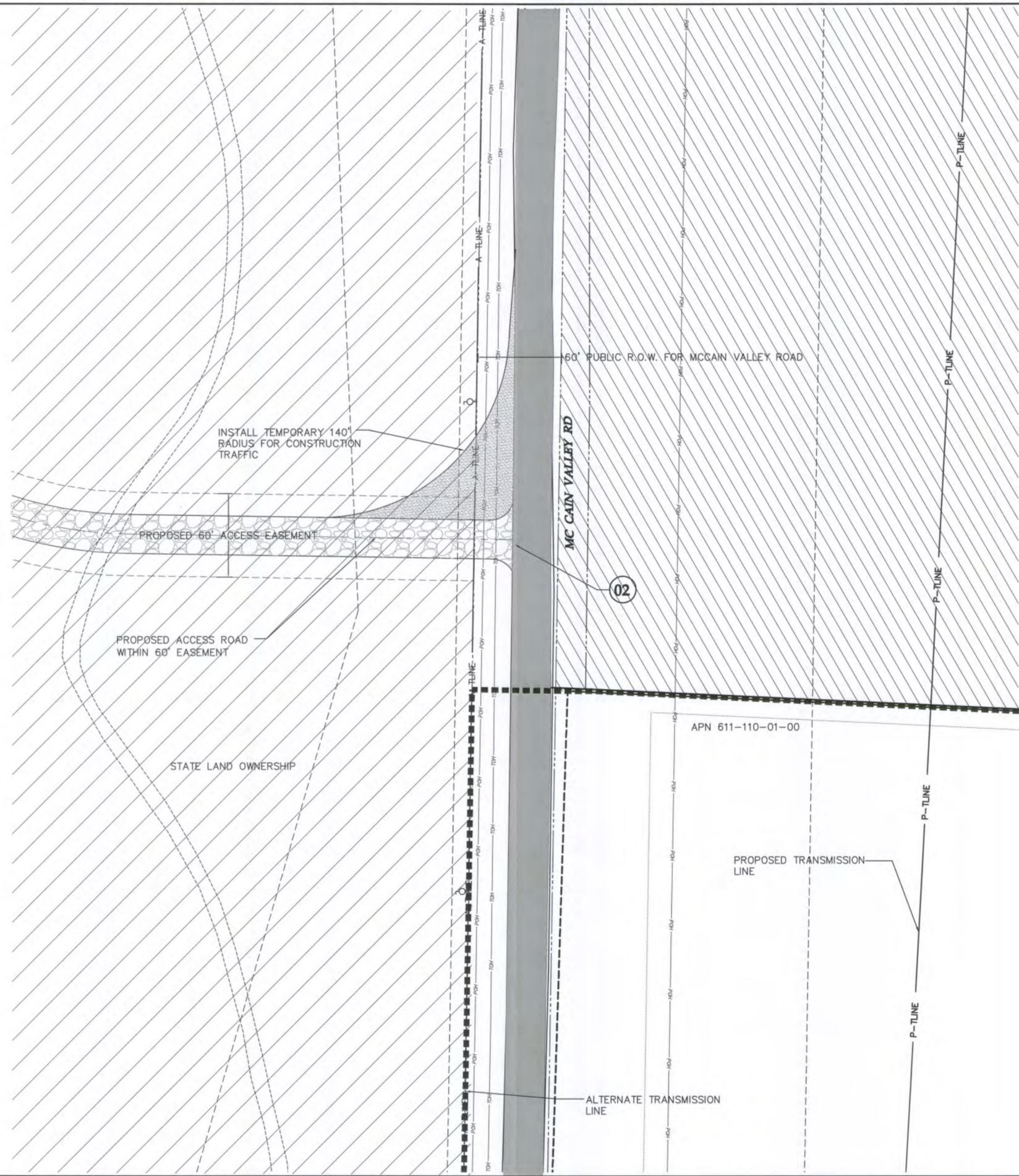
Enlarged McCain Valley Road Improved  
**APPROVED**  
 AUG 17 2012  
 PLANNING AND DEVELOPMENT SERVICES

Preliminary NOT FOR CONSTRUCTION

Date: 04/17/12  
 Sheet: 7 OF 28

**LEGEND:**

- PROPOSED ACCESS ROAD ON STATE LAND
- TEMPORARY ACCESS ROAD ON STATE LAND
- EXISTING ROAD
- TURBINE LOCATION
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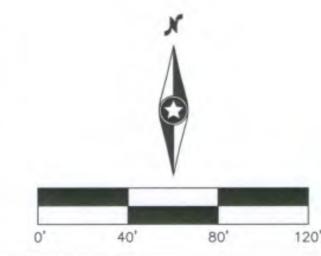
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Prepared for:

**IBERDROLA RENEWABLES**  
 1125 Northwest Couch, Suite 700  
 Portland, Oregon 97209

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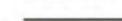
Enlarged Private Access Off McCain Valley Road

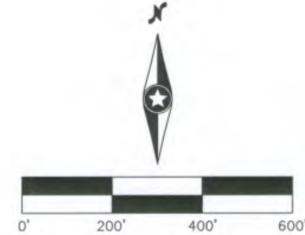
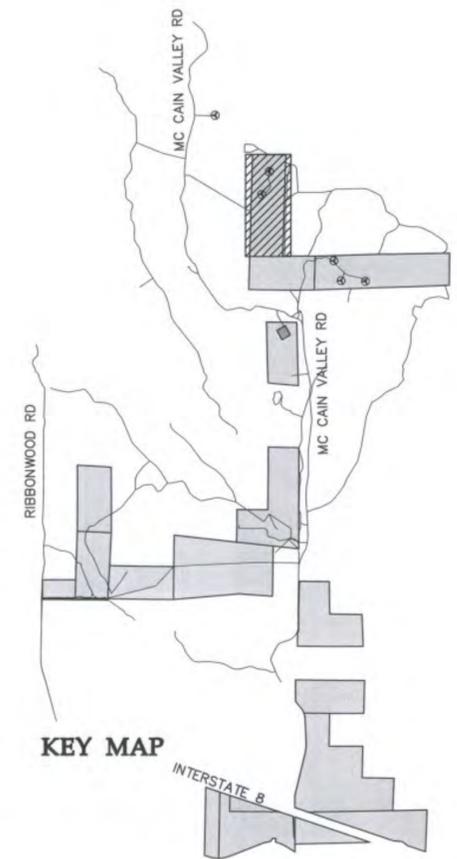
**APPROVED**  
 AUG 14 2012  
 PLANNING AND DEVELOPMENT SERVICES

Preliminary NOT FOR CONSTRUCTION



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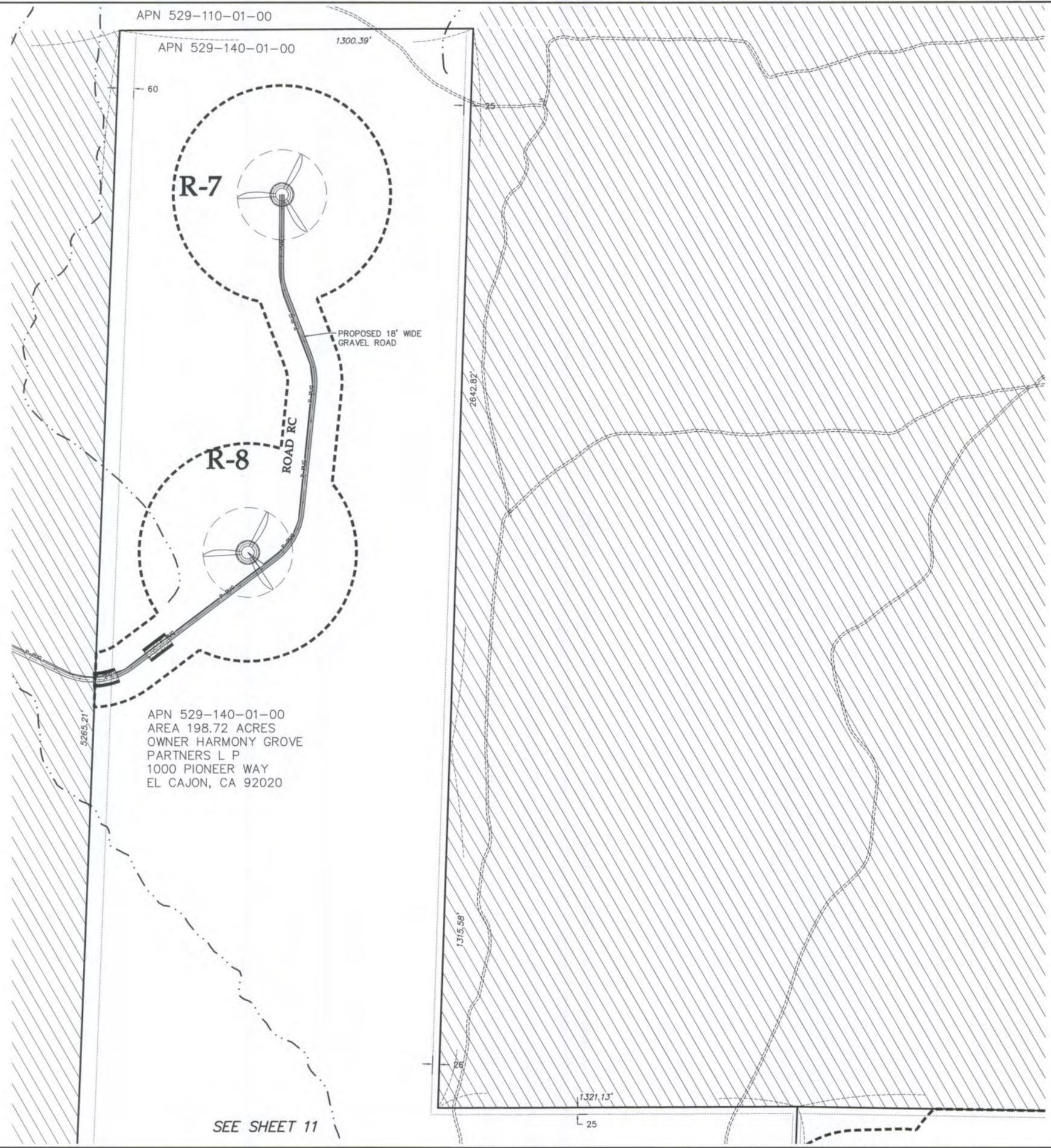
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San Diego County, California

529-140-01-00

**APPROVED**  
AUG 15 2012  
PLANNING AND DEVELOPMENT SERVICES

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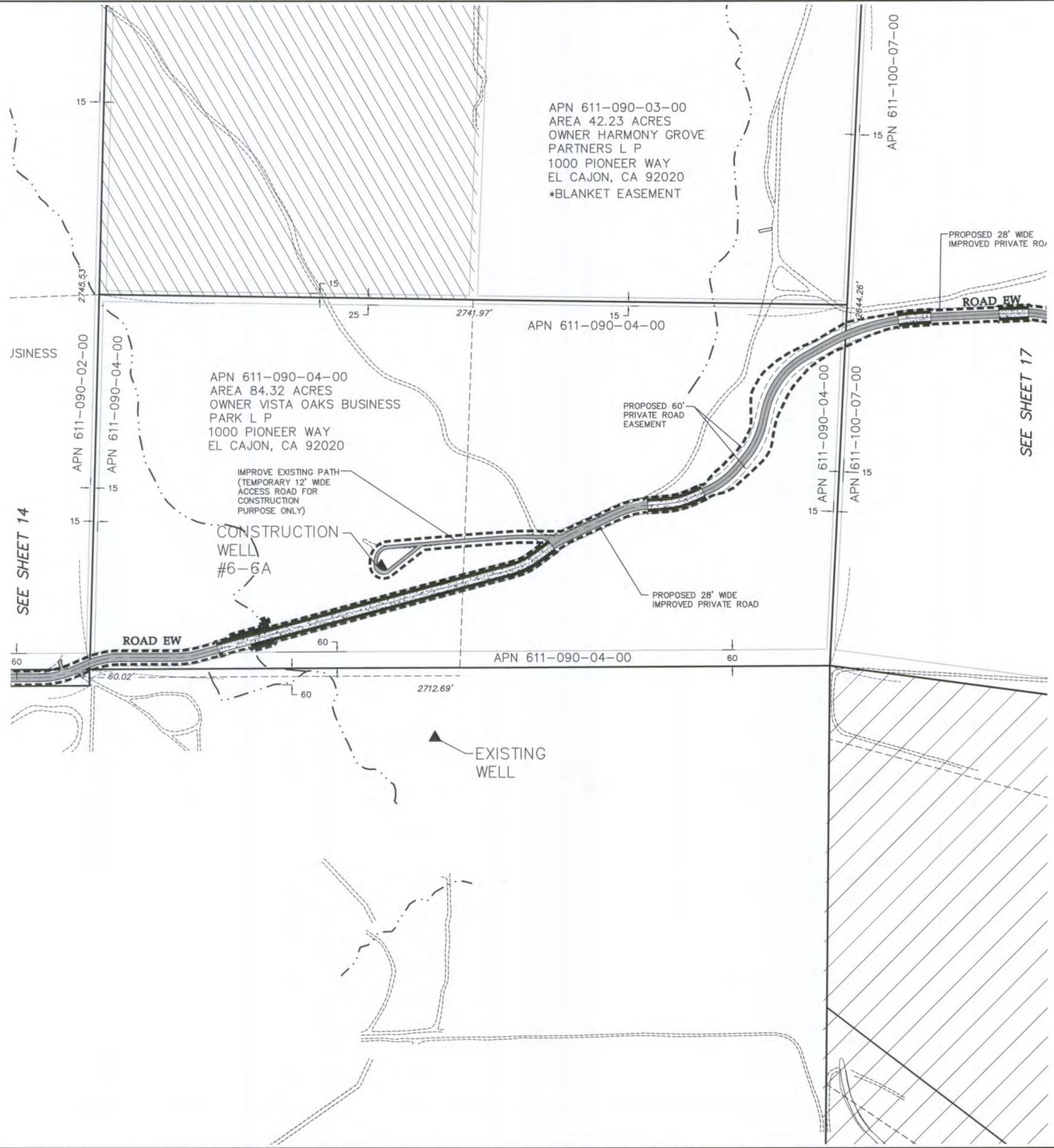
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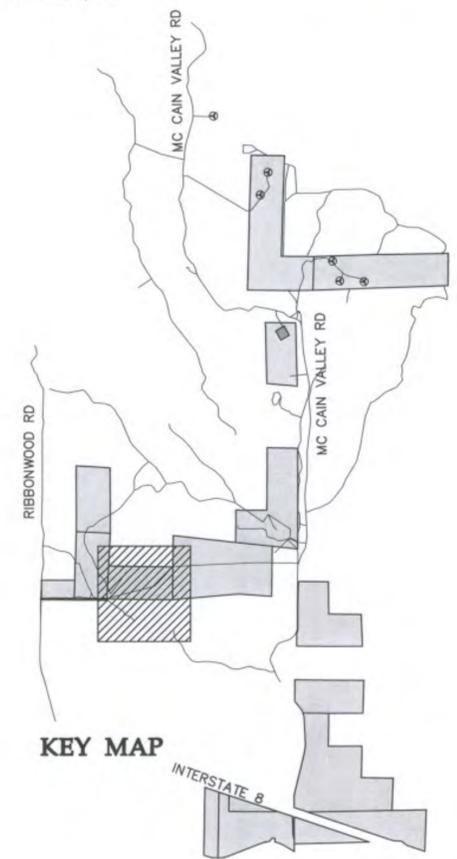






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\*611-090-03 BLANKET EASEMENT: WATERSTONE SUPPORT FOUNDATION, INC A COLORADO NON-PROFIT CORPORATION HEREBY GRANTS TO HARMONY GROVE PARTNERS, LP

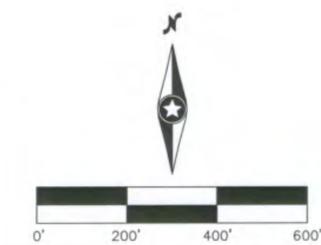


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611-090-04-00

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 AUG 18 2012  
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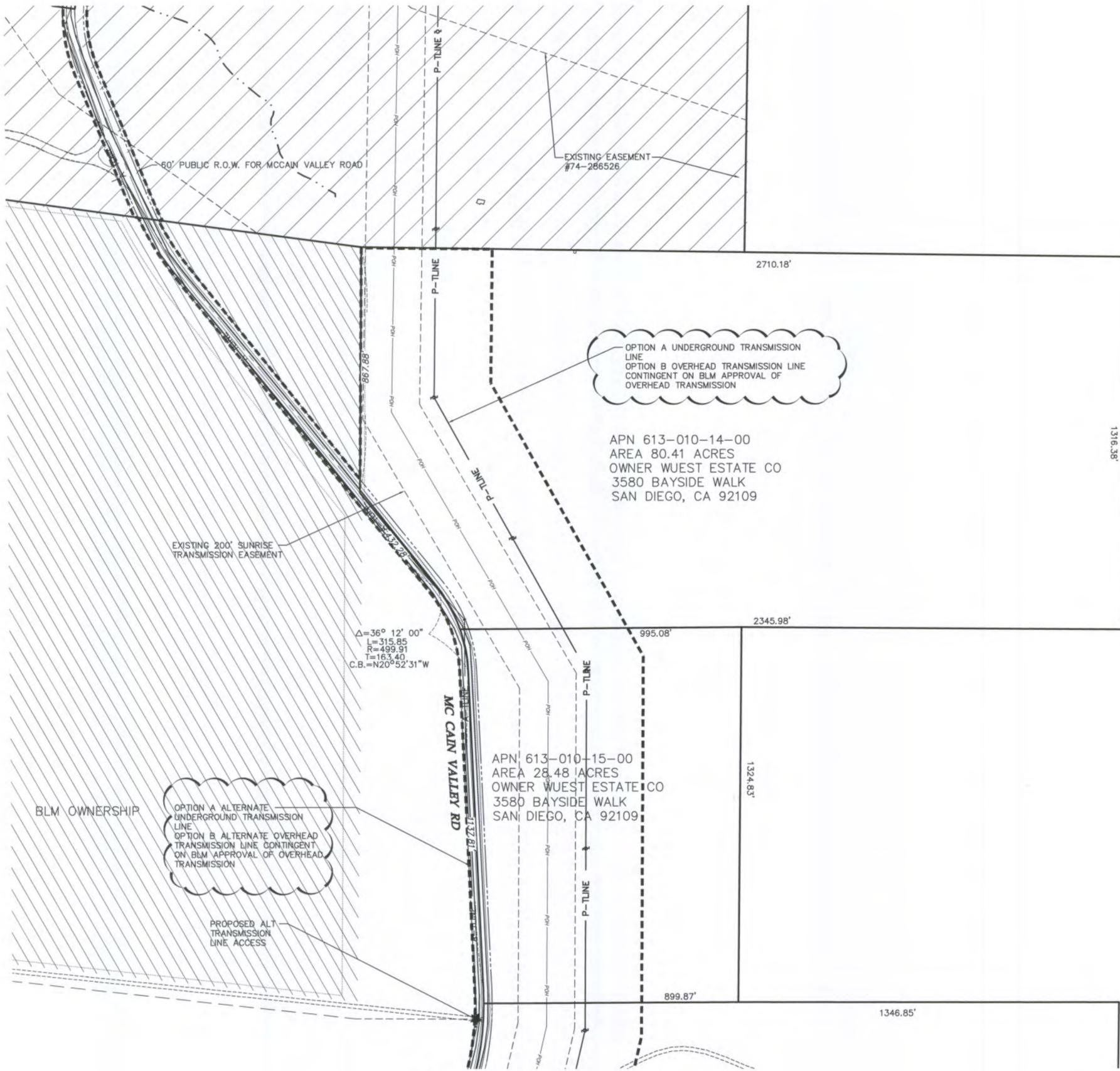
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 Sheet: 15 OF 28











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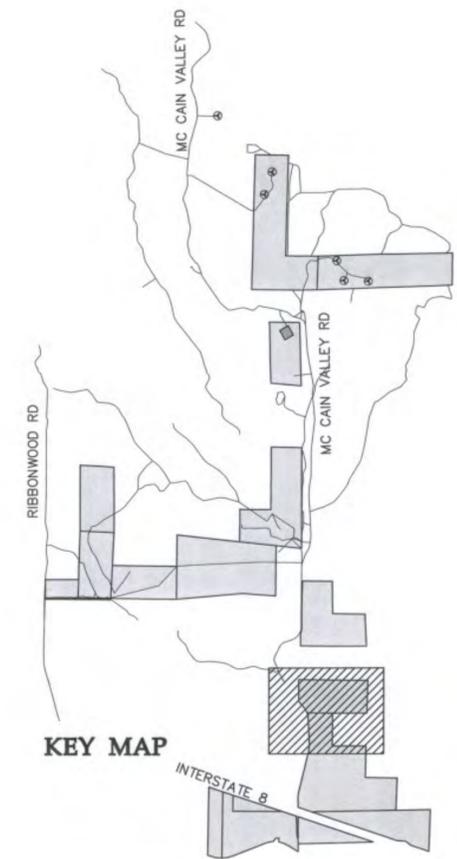
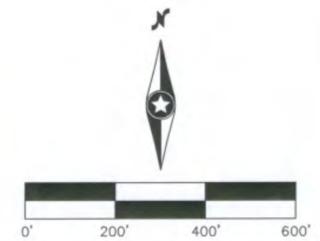
**Westwood**  
 Westwood Professional Services, Inc.  
 7899 Anagram Drive  
 Eden Prairie, MN 55344  
 PHONE 952-937-5150  
 FAX 952-937-5822  
 TOLL FREE 1-888-937-5150  
 www.westwoods.com

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613-010-14-00  
 613-010-15-00

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Date: 04/17/12  
 Sheet: 20 OF 28



SEE SHEET 21

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LEGEND:

- TURBINE LOCATION
- T-XX** TURBINE NUMBER
- PROPOSED ACCESS ROADS
- PROPOSED OVERHEAD COLLECTION SYSTEM
- PROPOSED TRANSMISSION LINE
- ALTERNATE TRANSMISSION LINE
- PROPOSED TRANSMISSION LINE ACCESS
- EXISTING ROAD
- EXISTING PRIVATE ROAD
- EXISTING TELEPHONE LINE
- EXISTING OVERHEAD POWER
- EXISTING FIBER OPTIC LINE
- EXISTING WATER LINE
- EXISTING GAS PIPELINE
- EXISTING TELEPHONE OVERHEAD
- EXISTING WATERWAY
- DENOTES BLM LAND
- DENOTES STATE LAND
- MUP BOUNDARY
- EXISTING FENCE
- PROPOSED FENCE
- EXISTING EASEMENT
- PROPERTY LINE
- BUILDING SETBACK
- EXISTING WELL
- PROPOSED DRAINAGE CROSSING
- PROPOSED LONG TERM ACCESS LOCATION

Westwood Professional Services, Inc.  
 7899 Anagram Drive  
 Eden Prairie, MN 55344  
 PHONE 952-937-5150  
 FAX 952-937-5822  
 TOLL FREE 1-888-937-5150  
 www.westwoodps.com

California License Number: 75322

Designed: RSC

Checked: CFC

Drawn: KAB

Record Drawing by/date:

Revisions:

1 4/10/2012 INITIAL SUBMITTAL

2 4/17/2012 CLIENT COMMENTS

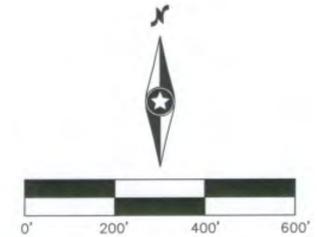
3 8/15/2012 APPROVED SITE

Prepared for:

**IBERDROLA RENEWABLES**  
 1125 Northwest Couch, Suite 700  
 Portland, Oregon 97209

MAJOR USE PERMIT  
 CHASE NO. 3300-09-019  
 ENVIRONMENTAL LOG NO. 09-21-001

A MINIMUM 100-FOOT FUEL MANAGEMENT AREA WILL BE PROVIDED AROUND ALL TURBINES AND BUILDINGS INCLUDING O&M BUILDING AND SUBSTATION. WITHIN THE 100-FOOT FUEL MANAGEMENT AREA FOR TURBINES, A 60-FOOT FIRE CLEARING AREA SHALL BE PROVIDED AROUND THE TURBINE BASE.



**Tule Wind Project**  
 (Approved)  
 San Diego County, California

612-091-13-00  
 613-010-16-00  
 613-030-28-00  
 612-030-15-00 **APPROVED**

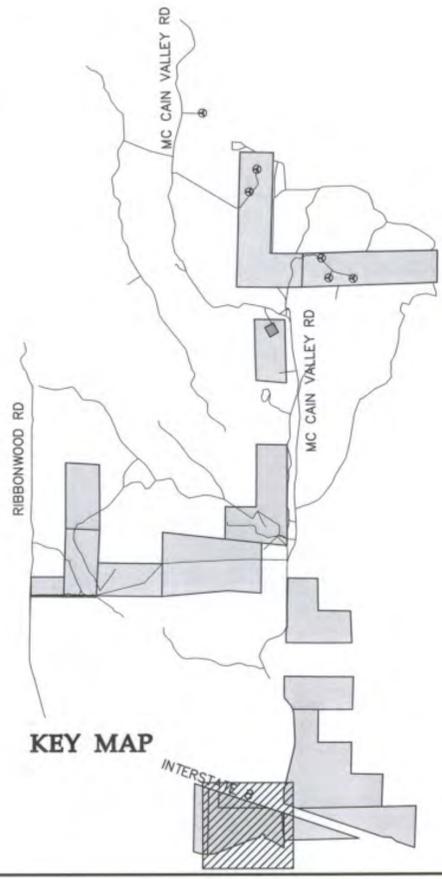
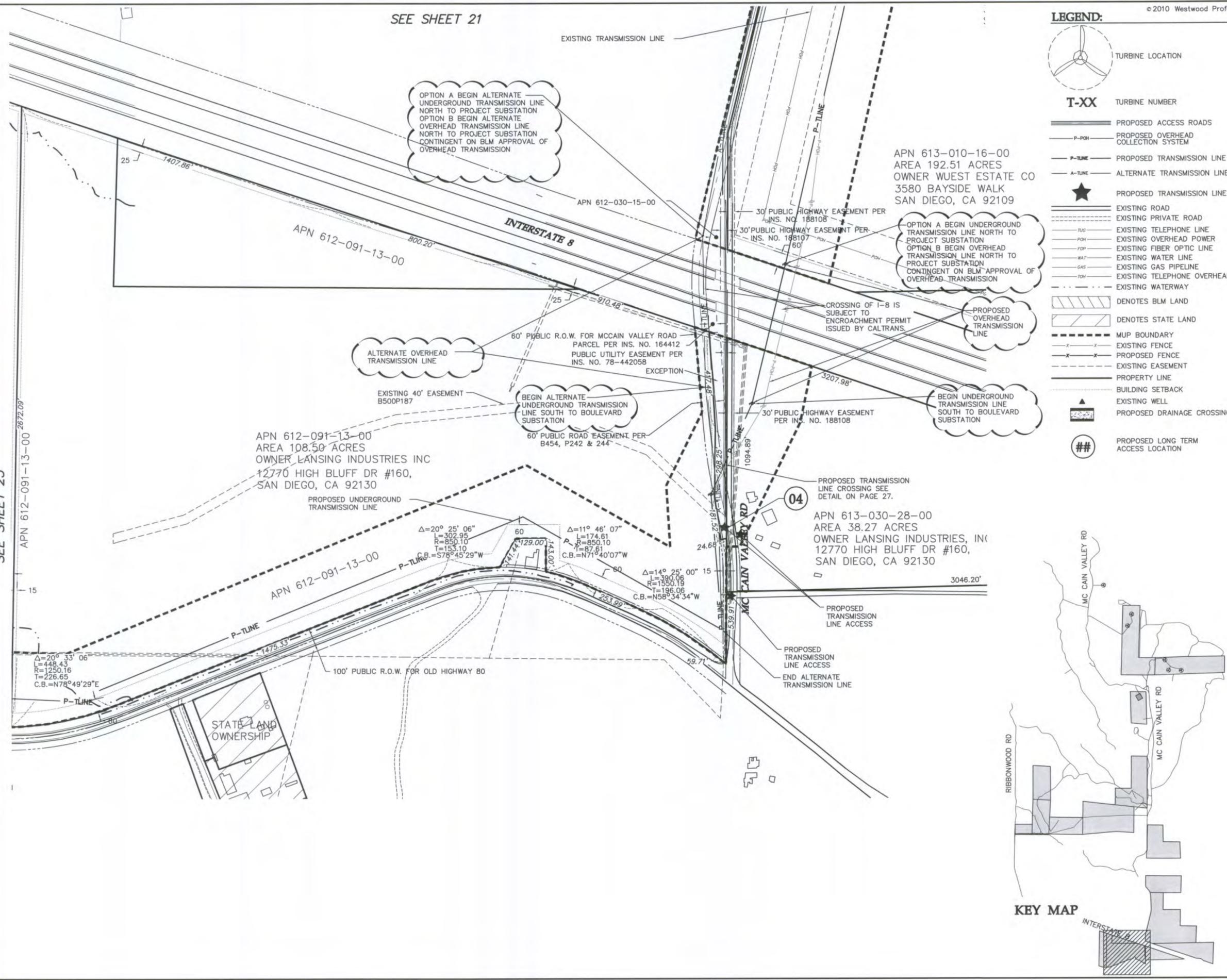
**APPROVED**  
 AUG 08 2012  
 PLANNING AND DEVELOPMENT SERVICES

**Preliminary**  
**NOT FOR CONSTRUCTION**

Date: 04/17/12  
 Sheet: 22 OF 28

20101001PPF901.dwg

SEE SHEET 23



OPTION A BEGIN ALTERNATE UNDERGROUND TRANSMISSION LINE NORTH TO PROJECT SUBSTATION  
 OPTION B BEGIN ALTERNATE OVERHEAD TRANSMISSION LINE NORTH TO PROJECT SUBSTATION  
 CONTINGENT ON BLM APPROVAL OF OVERHEAD TRANSMISSION

APN 613-010-16-00  
 AREA 192.51 ACRES  
 OWNER WUEST ESTATE CO  
 3580 BAYSIDE WALK  
 SAN DIEGO, CA 92109

OPTION A BEGIN UNDERGROUND TRANSMISSION LINE NORTH TO PROJECT SUBSTATION  
 OPTION B BEGIN OVERHEAD TRANSMISSION LINE NORTH TO PROJECT SUBSTATION  
 CONTINGENT ON BLM APPROVAL OF OVERHEAD TRANSMISSION

PROPOSED OVERHEAD TRANSMISSION LINE

BEGIN UNDERGROUND TRANSMISSION LINE SOUTH TO BOULEVARD SUBSTATION

PROPOSED TRANSMISSION LINE CROSSING SEE DETAIL ON PAGE 27.

APN 613-030-28-00  
 AREA 38.27 ACRES  
 OWNER LANSING INDUSTRIES, INC  
 12770 HIGH BLUFF DR #160,  
 SAN DIEGO, CA 92130

PROPOSED TRANSMISSION LINE ACCESS

PROPOSED TRANSMISSION LINE ACCESS  
 END ALTERNATE TRANSMISSION LINE

APN 612-091-13-00  
 AREA 108.50 ACRES  
 OWNER LANSING INDUSTRIES INC  
 12770 HIGH BLUFF DR #160,  
 SAN DIEGO, CA 92130

ALTERNATE OVERHEAD TRANSMISSION LINE

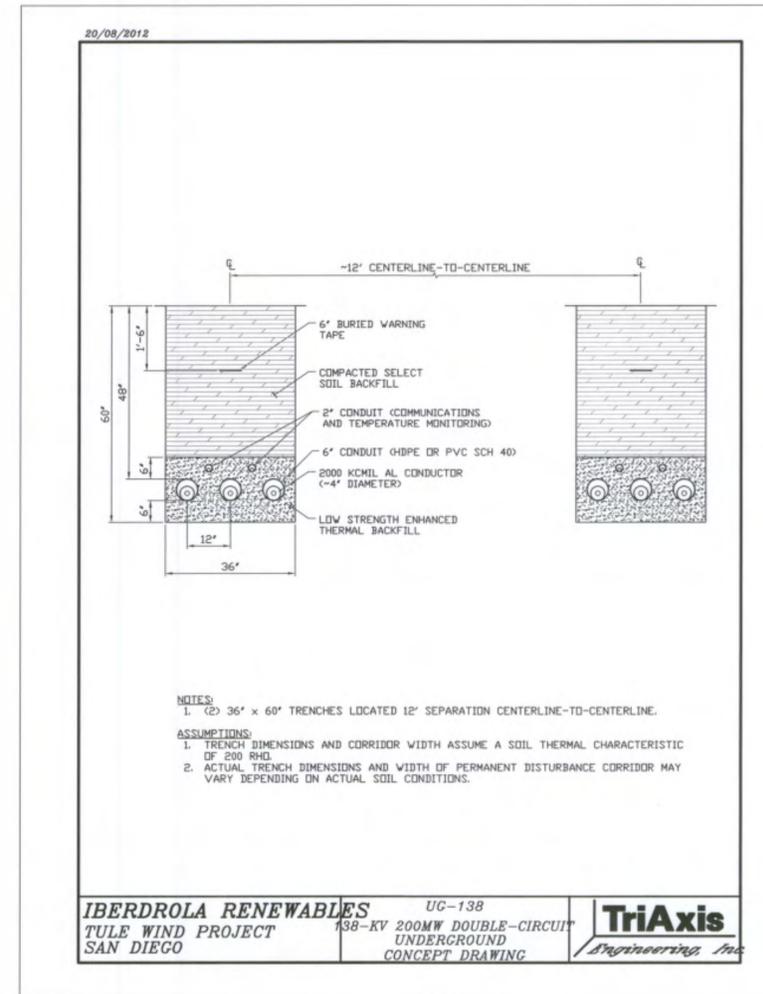
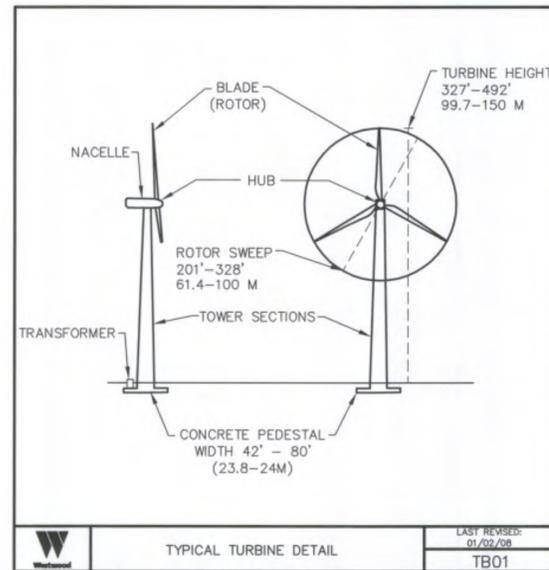
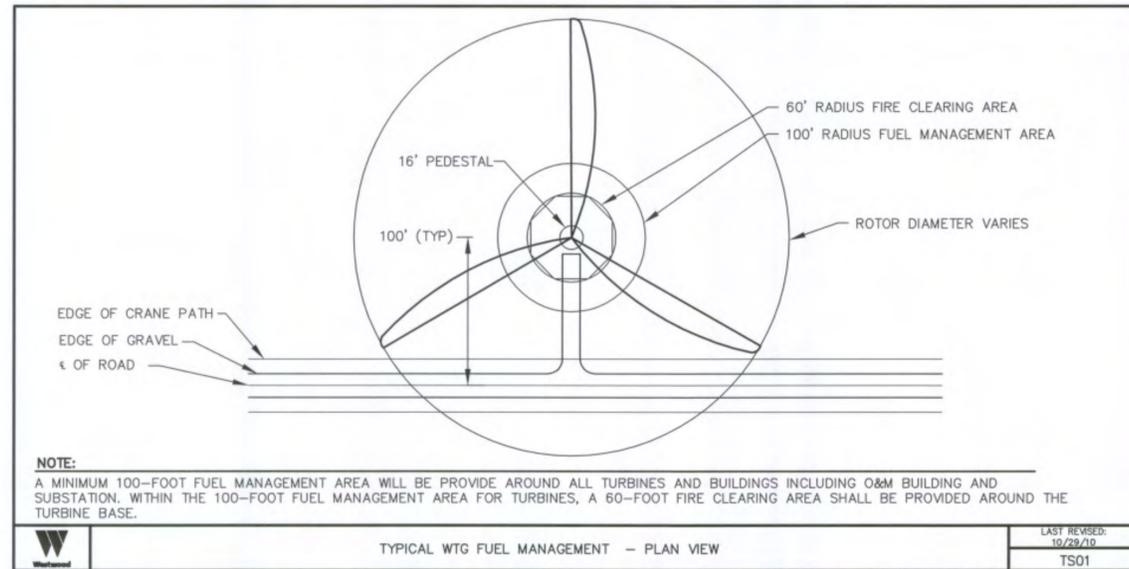
BEGIN ALTERNATE UNDERGROUND TRANSMISSION LINE SOUTH TO BOULEVARD SUBSTATION



STATE LAND OWNERSHIP

KEY MAP





California License Number: 75322

Designed: ESC

Checked: CJC

Drawn: EAB

Record Drawing by/date:

Revisions:

1 4/10/2012 INITIAL SUBMITTAL

2 4/17/2012 CLIENT COMMENTS

3 8/15/2012 APPROVED SITE

Prepared for:

**IBERDROLA RENEWABLES**  
 1125 Northwest Couch, Suite 700  
 Portland, Oregon 97209

MAJOR USE PERMIT  
 CHASE NO. 3300-09-019  
 ENVIRONMENTAL LOG NO. 09-21-001

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# Tule Wind Project

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 San Diego County, California

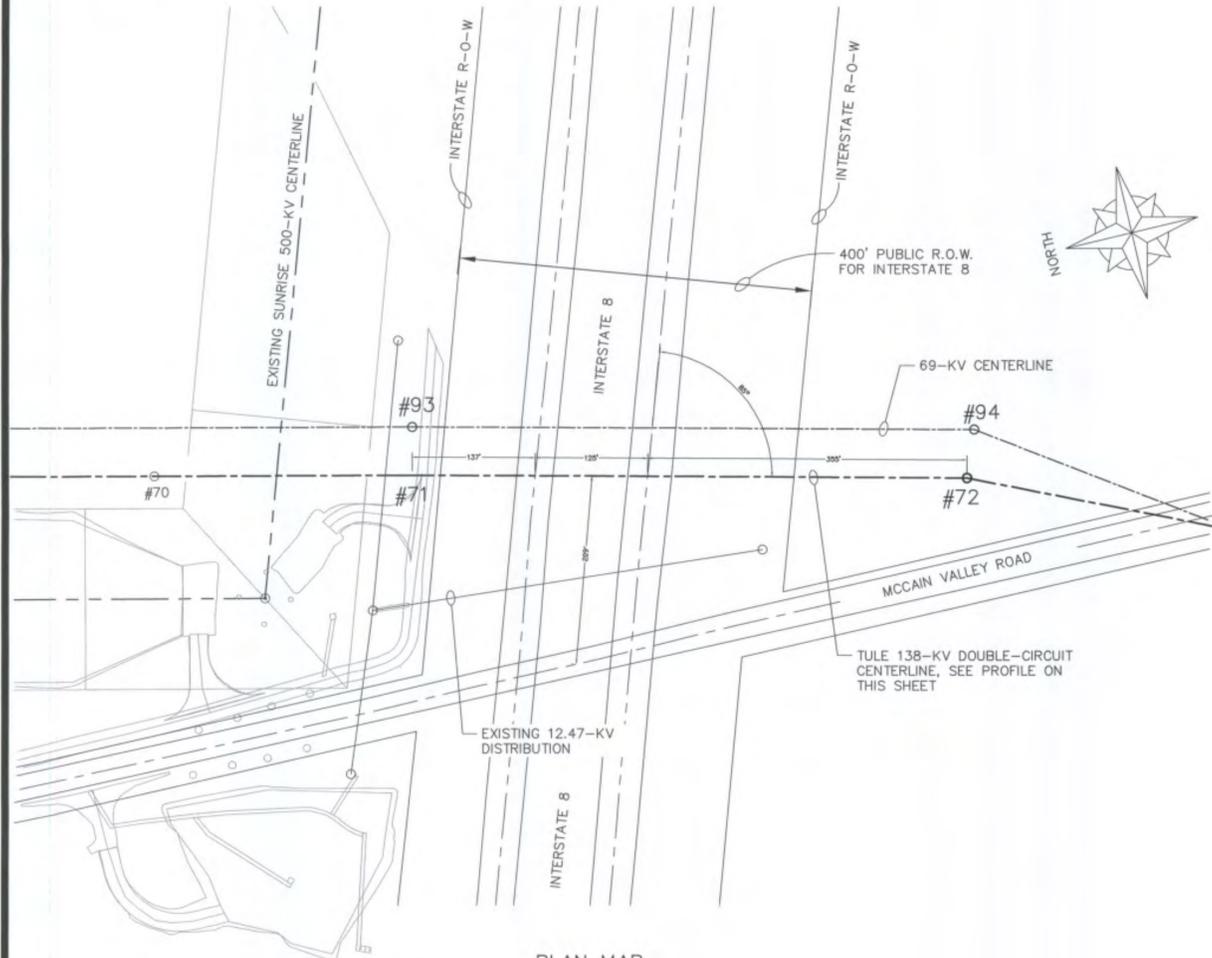
Details

APPROVED  
 AUG 18 2012  
 PLANNING AND DEVELOPMENT SERVICES

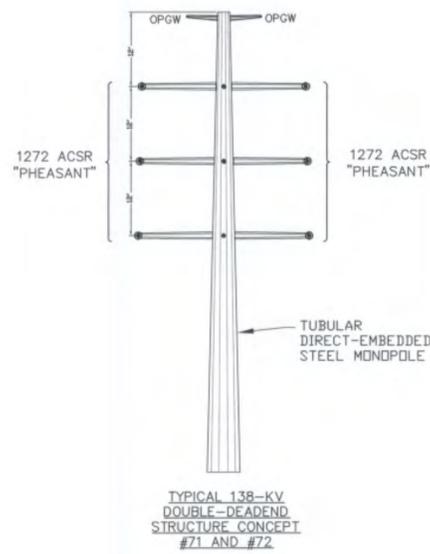
Preliminary  
 NOT FOR CONSTRUCTION

Date: 04/17/12

Sheet: 24 OF 28

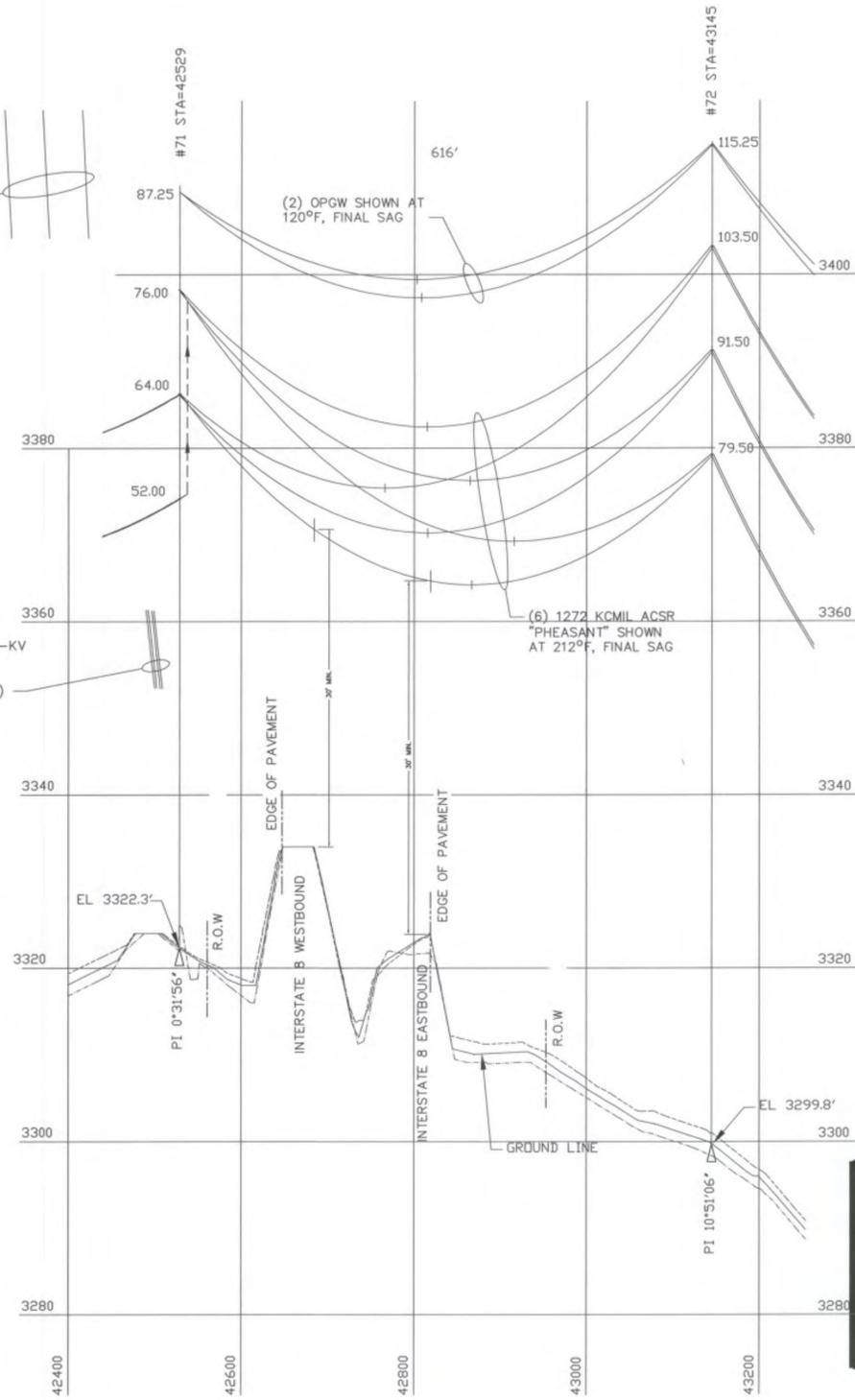


**PLAN MAP**  
 SCALE: 1" = 200FT



EXISTING SUNRISE 500 KV CONDUCTORS (1033 KCMIL ACSR "ORTOLAN")

EXISTING 12.47-KV DISTRIBUTION CONDUCTORS (#2 5/2 AWAC)



200.0 FT. HORIZ. SCALE  
 20.0 FT. VERT. SCALE

**TULE 138-KV DOUBLE-CIRCUIT PROFILE VIEW**

TYPICAL STRUCTURE DETAIL TO CHANGE FOR TRANSITION TO UNDERGROUND

California License Number: 75322

**Designed:** ESC  
**Checked:** CJC  
**Drawn:** KAB  
**Record Drawing by/date:**  
**Revisions:**  
 1 4/10/2012 INITIAL SUBMITTAL  
 2 4/17/2012 CLIENT COMMENTS  
 3 8/15/2012 APPROVED SITE

Prepared for:  
  
**IBERDROLA RENEWABLES**  
 1125 Northwest Couch, Suite 700  
 Portland, Oregon 97209

MAJOR USE PERMIT  
 CHASE NO. 3300-09-019  
 ENVIRONMENTAL LOG NO. 09-21-001  
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**Tule Wind Project**  
 (Approved)  
 San Diego County, California

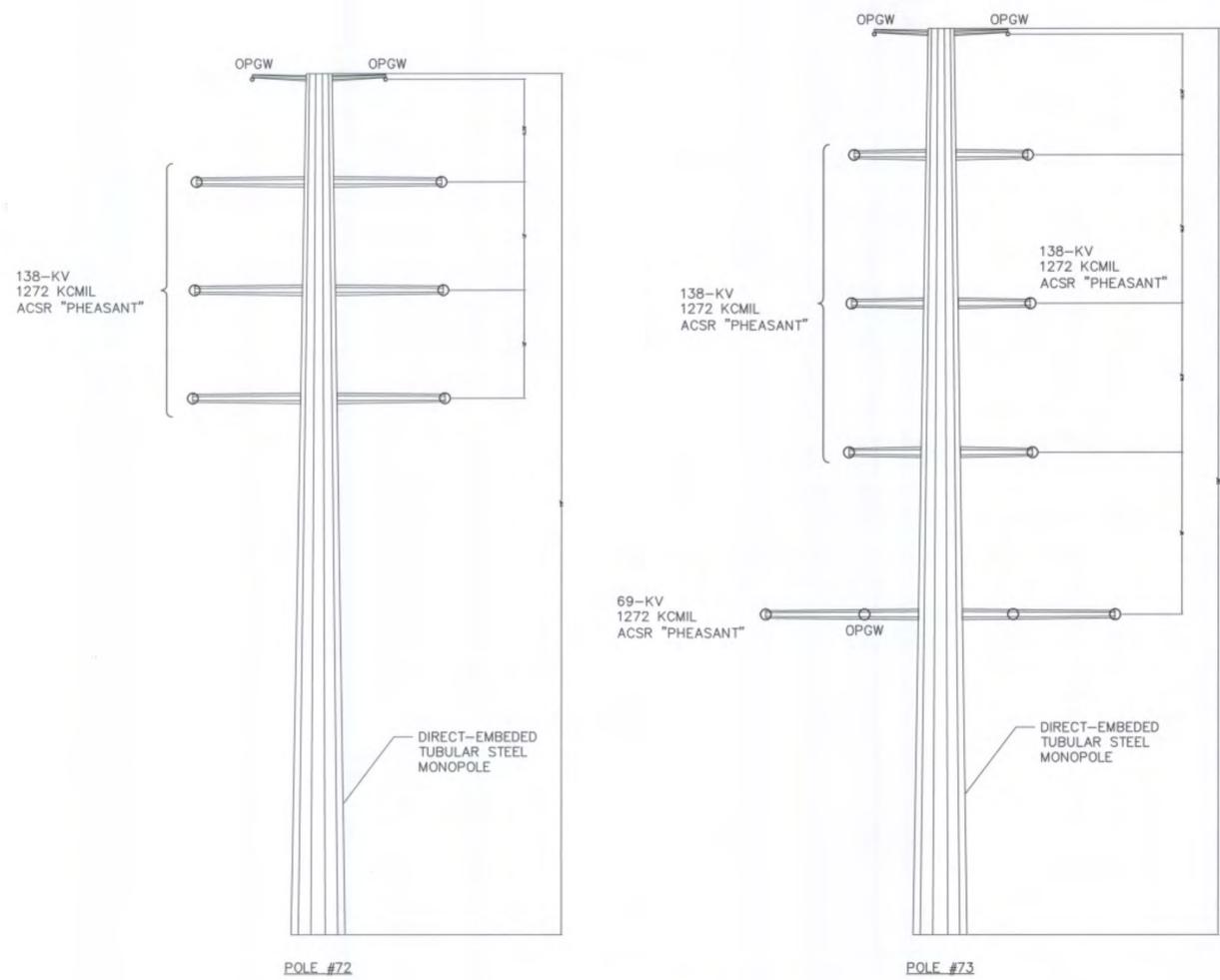
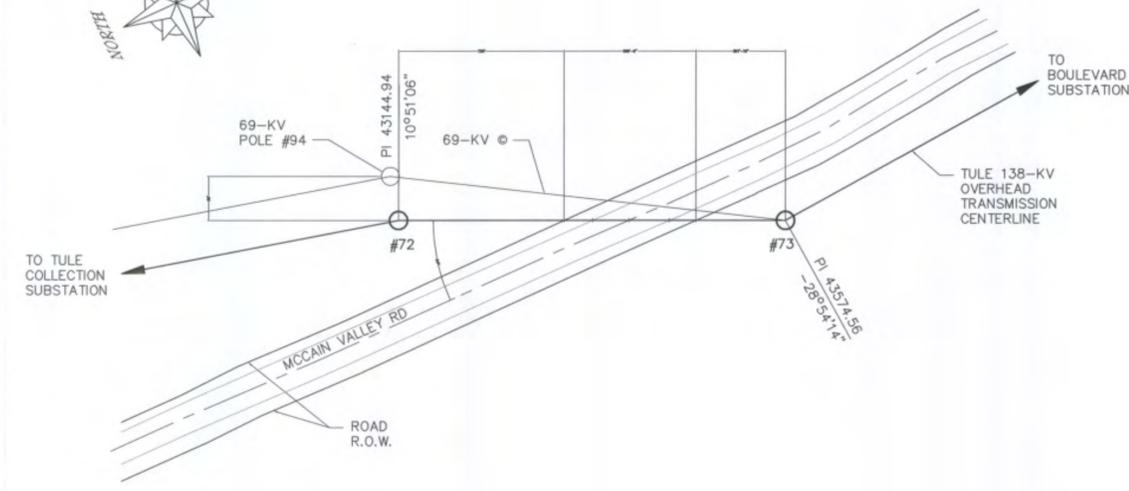
138 Kv T-Line Crossing Interstate 8

APPROVED  
 AUG 08 2012  
 PLANNING AND DEVELOPMENT SERVICES

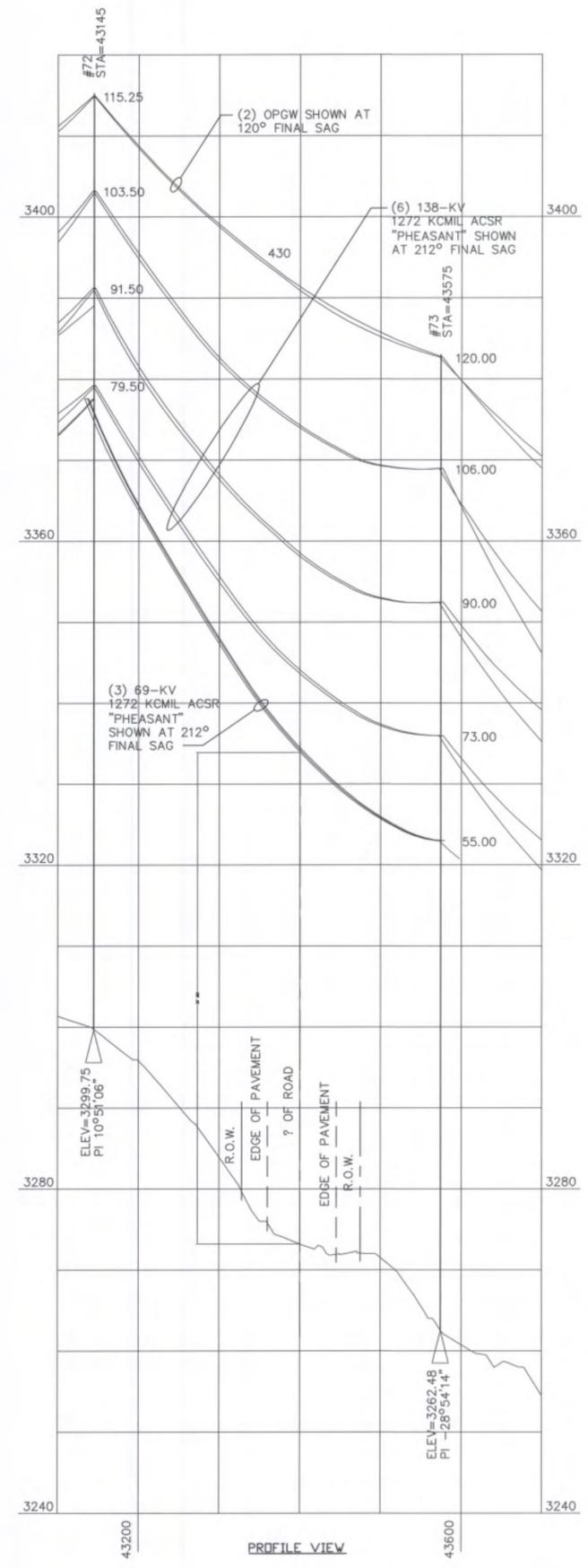
**Preliminary NOT FOR CONSTRUCTION**

Date: 04/17/12  
 Sheet: 25 OF 28





TYPICAL 138-KV STEEL DOUBLE-DEADEND STRUCTURE CONCEPT



200.0 FT. HORIZ. SCALE  
 20.0 FT. VERT. SCALE

TYPICAL STRUCTURE DETAIL TO CHANGE FOR TRANSITION TO UNDERGROUND

California License Number: 75322

Designed:	RSC
Checked:	CJC
Drawn:	KAB
Record Drawing by/date:	
Revisions:	
1	4/10/2012 INITIAL SUBMITTAL
2	4/17/2012 CLIENT COMMENTS
3	8/15/2012 APPROVED SITE

Prepared for:

**IBERDROLA RENEWABLES**  
 1125 Northwest Couch, Suite 700  
 Portland, Oregon 97209

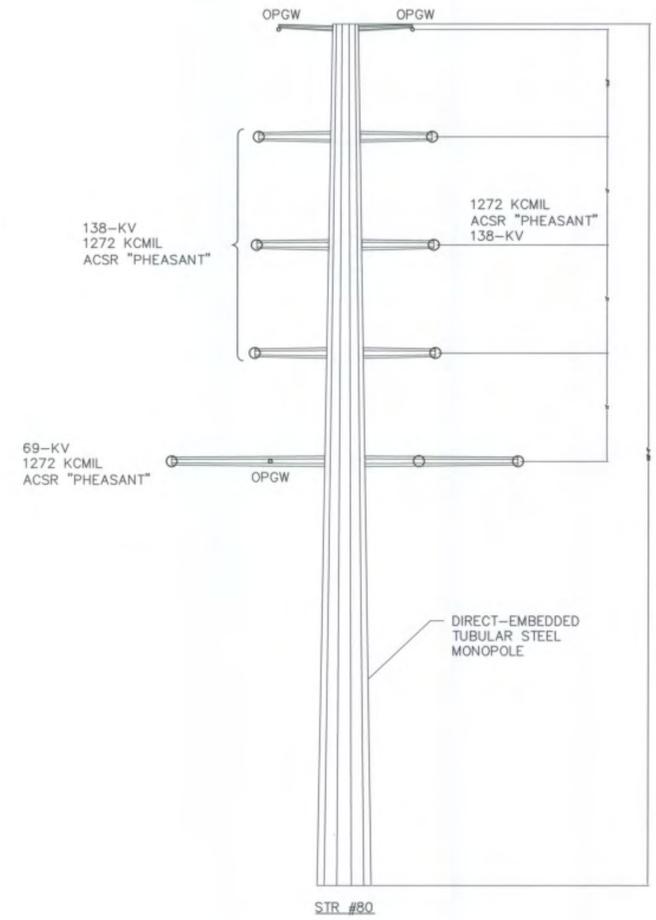
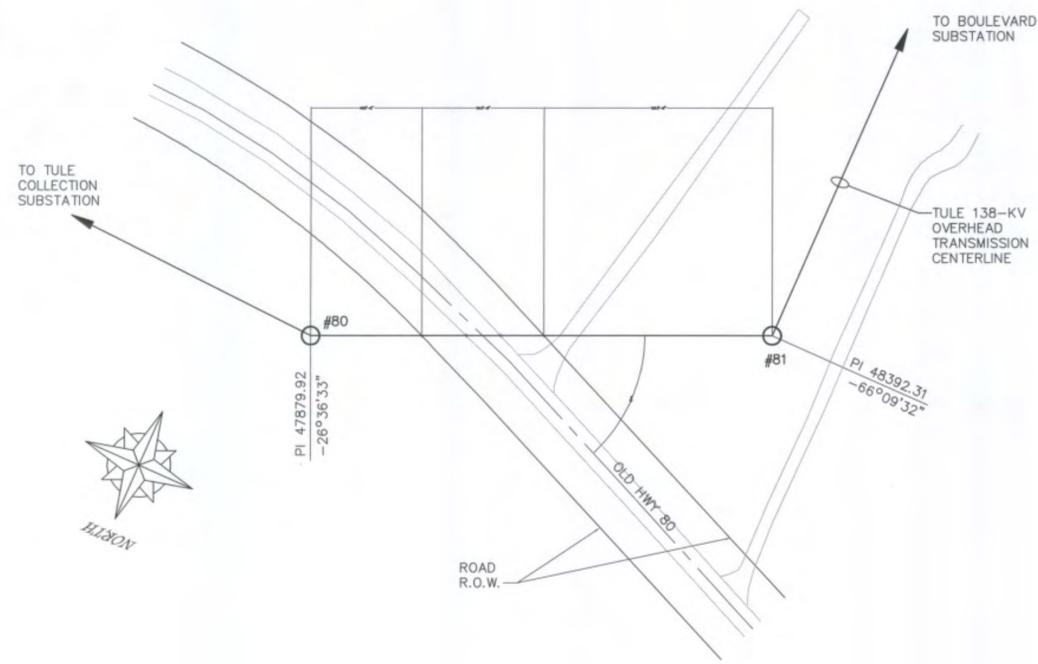
MAJOR USE PERMIT  
 CHASE NO. 3300-09-019  
 ENVIRONMENTAL LOG NO. 09-21-001  
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**Tule Wind Project**  
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 San Diego County, California

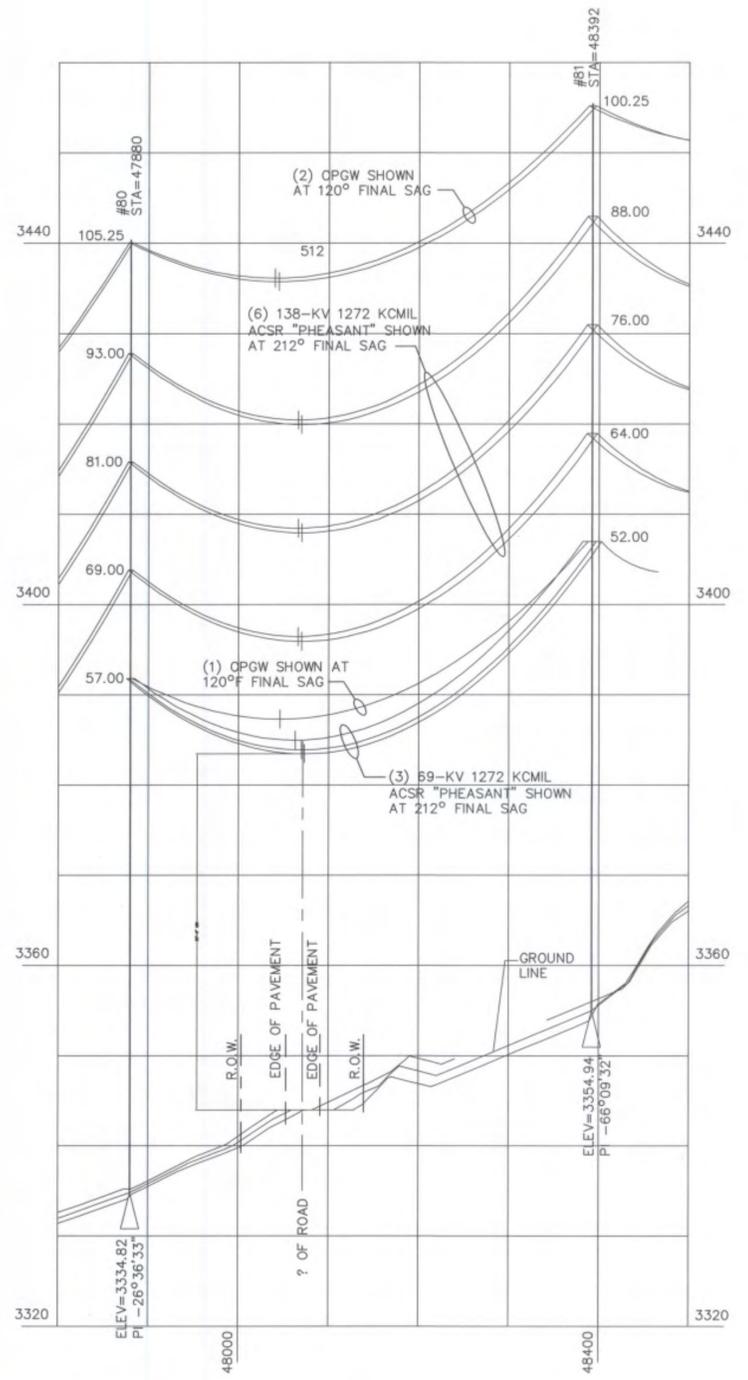
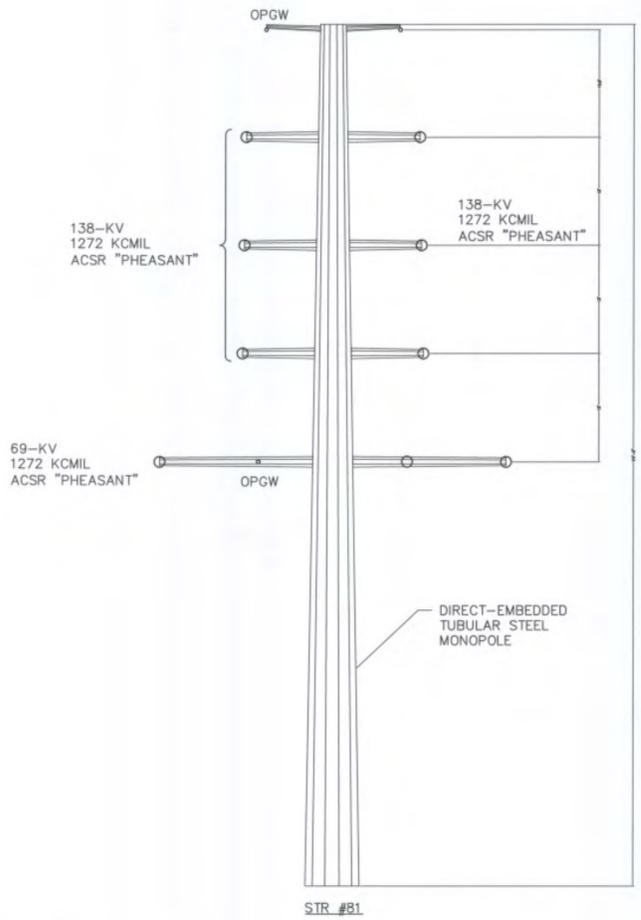
**138 Kv T-Line Crossing McCain Valley Rd**

APPROVED  
 AUG 04 2012  
 PLANNING AND DEVELOPMENT SERVICES  
**NOT FOR CONSTRUCTION**

Date: 04/17/12  
 Sheet: 27 OF 28



TYPICAL 138-KV STEEL STRUCTURE CONCEPT  
 NTS



PROFILE VIEW  
 200.0 FT. HORIZ. SCALE  
 20.0 FT. VERT. SCALE

California License Number: 75322

Designed:	RSC
Checked:	CJC
Drawn:	KAB
Record Drawing by/date:	

Revisions:

1	4/10/2012	INITIAL SUBMITTAL
2	4/17/2012	CLIENT COMMENTS
3	8/15/2012	APPROVED SITE

Prepared for:  
  
**IBERDROLA RENEWABLES**  
 1125 Northwest Couch, Suite 700  
 Portland, Oregon 97209

MAJOR USE PERMIT  
 CHASE NO. 3300-09-019  
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**Tule Wind Project**  
 (Approved)  
 San Diego County, California

138 Kv T-Line Crossing  
 Old Highway 80

APPROVED  
  
 AUG 8 2012  
 PLANNING AND DEVELOPMENT SERVICES  
**NOT FOR CONSTRUCTION**