



DEPARTMENT OF PLANNING AND BUILDING

THIS IS A NEW PROJECT REFERRAL

DATE: 7/7/2015

TO: _____

FROM: Cody Scheel (805-781-5157 or cscheel@co.slo.ca.us)
North County Team / Development Review

PROJECT DESCRIPTION: DRC2014-00159 AT&T – Proposed conditional use permit to install a wireless communication facility with a new 50-ft tall “windmill” to house six panel antennas, three TMAs/RRUs, and four equipment cabinets in a wooden enclosure located at grade. Site location is on Soda Lake Rd north of Belmont Trail, Santa Margarita. APN: 072-201-010

Return this letter with your comments attached no later than: 14 days from receipt of this referral. CACs please respond within 60 days. Thank you.

PART 1 - IS THE ATTACHED INFORMATION ADEQUATE TO COMPLETE YOUR REVIEW?

- YES (Please go on to PART II.)
- NO (Call me ASAP to discuss what else you need. We have only 10 days in which we must obtain comments from outside agencies.)

PART II - ARE THERE SIGNIFICANT CONCERNS, PROBLEMS OR IMPACTS IN YOUR AREA OF REVIEW?

- YES (Please describe impacts, along with recommended mitigation measures to reduce the impacts to less-than-significant levels, and attach to this letter)
- NO (Please go on to PART III)

PART III - INDICATE YOUR RECOMMENDATION FOR FINAL ACTION.

Please attach any conditions of approval you recommend to be incorporated into the project's approval, or state reasons for recommending denial.

IF YOU HAVE "NO COMMENT," PLEASE SO INDICATE, OR CALL.

Date

Name

Phone

GENERAL APPLICATION FORM

San Luis Obispo County Department of Planning and Building

DRC2014-00159

AT&T COMMUNIC

APPLICATION TYPE - CHECK ALL THAT APPLY

- Emergency Permit
- Tree Permit
- Minor Use Perm
- Conditional Use Permit/Development Plan
- Plot Pl
- Curb, Gutter & Sidewalk Waiver
- Other
- Site Pl
- Surface Mining/Reclamation Plan
- Zoning Clearan
- Amendment to approved land use permit
- Variance

CONDITIONAL USE PERMIT/

CELL SITE: INSTALL A WIRELESS COMMUNICATIONS FACILITY CONSISTING CAR/ CAVA RS

APPLICANT INFORMATION

Check box for contact person assigned to this project
 Landowner Name AT&T Daytime Phone 770-708-6111
Mailing Address 5405 Windward Pkwy Bldg Alpharetta, GA Zip Code 30004
Email Address: dk015j@att.com

Applicant Name Synergy Development Services on behalf of T-Mobile Daytime Phone 760-803-6219
Mailing Address 867 E. Front St. Suite A, Ventura, CA Zip Code 93001
Email Address: jgilholm@synergy.cc

Agent Name Jesse Gilholm (Synergy Development Services) Daytime Phone 760-803-6219
Mailing Address 867 E. Front St. Suite A, Ventura, CA Zip Code 93001
Email Address: jgilholm@synergy.cc

PROPERTY INFORMATION

Total Size of Site: 100' x 100' Assessor Parcel Number(s): 072-201-010
Legal Description: _____

Address of the project (if known): Soda Lake Rd. Santa Margarita, CA 93453
Directions to the site (including gate codes) - describe first with name of road providing primary access to the site, then nearest roads, landmarks, etc.: Hwy 58 East, Soda Lake Rd. south, access site directly off Soda Lake Road, on west side.

Describe current uses, existing structures, and other improvements and vegetation on the property:
Current AT&T switch building with equipment and concrete slab onsite without any landscaping.

PROPOSED PROJECT

Describe the proposed project (inc. sq. ft. of all buildings): Install a wireless communications facility consisting of a new 50' tall "windmill" to house 6 panel antennas, 3 TMA's/RRU's, and 4 equipment cabinets in wooden enclosure located at grade.

LEGAL DECLARATION

I, the owner of record of this property, have completed this form accurately and declare that all statements here are true. I do hereby grant official representatives of the county authorization to inspect the subject property.

Property owner signature See Letter of Authorization Date _____

FOR STAFF USE ONLY

2. LAND USE PERMIT APPLICATION

San Luis Obispo County Department of Planning and Building File No _____

Type of project: Commercial Industrial Residential
 Recreational Other

Describe any modifications/adjustments from ordinance needed and the reason for the request (if applicable): CUP for wireless telecommunications facility

Describe existing and future access to the proposed project site: Direct access off Soda Lake Road

Surrounding parcel ownership: Do you own adjacent property? Yes No
If yes, what is the acreage of all property you own that surrounds the project site?: _____

Surrounding land use: What are the uses of the land surrounding your property (when applicable, please specify all agricultural uses):

North: Open Space South: Open space
East: Open space West: Open Space

For all projects answer the following:

Square footage and percentage of the total site (approximately) that will be used for the following:

Buildings: 0 sq. feet 0 % Landscaping: 0 sq. feet 0 %
Paving: 400 sq. feet 4 % Other (specify) _____

Total area of all paving and structures: Facility will be 400 sq. feet acres

Total area of grading or removal of ground cover: 400 sq. feet acres

Number of parking spaces proposed: N/A Height of tallest structure: 50'

Number of trees to be removed: N/A Type: _____

Setbacks: Front 69' Right 77' Left 3' Back 11'

Proposed water source: On-site well Shared well Other N/A

Community System - List the agency or company responsible for provision: _____

Do you have a valid will-serve letter? Yes If yes, please submit copy No

Proposed sewage disposal: Individual on-site system Other N/A

Community System -List the agency or company responsible for sewage disposal: _____

Do you have a valid will-serve letter? Yes If yes, please submit copy No

Fire Agency: - List the agency responsible for fire protection: SLO County

For commercial/Industrial projects answer the following:

Total outdoor use area: 400 sq. feet acres

Total floor area of all structures including upper stories: _____ sq. feet

For residential projects, answer the following:

Number of residential units: _____ Number of bedrooms per unit: _____

Total floor area of all structures including upper stories, but not garages and carports: _____

Total of area of the lot(s) minus building footprint and parking spaces: _____

3. ENVIRONMENTAL DESCRIPTION FORM

San Luis Obispo County Department of Planning and Building File No _____

The California Environmental Quality Act (CEQA) requires all state and local agencies to consider and mitigate environmental impacts for their own actions and when permitting private projects. The Act also requires that an environmental impact report (EIR) be prepared for all actions that may significantly affect the quality of the environment. The information you provide on this form will help the Department of Planning and Building determine whether or not your project will significantly affect the quality of the environment.

To ensure that your environmental review is completed as quickly as possible, please remember to:

Answer **ALL** of the questions as accurately and completely as possible.

Include any additional information or explanations where you believe it would be helpful or where required. Include additional pages if needed.

If you are requesting a land division or a re-zoning, be sure to include complete information about future development that may result from the proposed land division or rezoning.

Include references to any reports or studies you are aware of that might be relevant to the questions asked or the answers you provide.

Should a determination be made that the information is inaccurate or insufficient, you will be required to submit additional information upon request.

Physical Site Characteristic Information

Your site plan will also need to show the information requested here

1. Describe the topography of the site:
Level to gently rolling, 0-10% slopes: .25 acres
Moderate slopes of 10-30%: _____ acres
Steep slopes over 30%: _____ acres
2. Are there any springs, streams, lakes or marshes on or near the site? Yes No
If yes, please describe: _____
3. Are there any flooding problems on the site or in the surrounding area Yes No
If yes, please describe: _____
4. Has a drainage plan been prepared? Yes No
If yes, please include with application.
5. Has there been any grading or earthwork on the project site? Yes No
If yes, please explain: _____
6. Has a grading plan been prepared? Yes No
If yes, please include with application.
7. Are there any sewer ponds/waste disposal sites on/adjacent to the project? Yes No
8. Is a railroad or highway within 300 feet of your project site? Yes No
9. Can the proposed project be seen from surrounding public roads? Yes No
If yes, please list: Soda Lake Road

Water Supply Information N/A

1. What type of water supply is proposed?
 Individual well Shared well Community water system
2. What is the proposed use of the water?
 Residential Agricultural: explain _____
 Commercial/Office: explain _____
 Industrial: explain _____
3. What is the expected daily water demand associated with the project? _____
4. How many service connections will be required? _____
5. Do operable water facilities exist on the site?
 Yes No If yes, please describe: _____
6. Has there been a sustained yield test on proposed or existing wells?
 Yes No If yes please attach _____
7. Does water meet the Health Agency's quality requirements?
Bacteriological? Yes No Chemical? Yes No
Physical? Yes No Water analysis report submitted? Yes No
8. Please check if any of the following have been completed on the subject property and/or submitted to County Environmental Health.
 Well Driller's Letter Water Quality Analysis OK or Problems
 Will Serve Letter Pump Test _____ Hours _____ GPM
 Surrounding Well Logs Hydrologic Study Other _____

Please attach any letters or documents to verify that water is available for the proposed project.

Sewage Disposal Information N/A

If an on-site (individual) subsurface sewage disposal system will be used:

1. Has an engineered percolation test been accomplished?
 Yes No If yes, please attach a copy.
2. What is the distance from proposed leach field to any neighboring water wells? _____ feet
3. Will subsurface drainage result in the possibility of effluent reappearing in surface water or on adjacent lands, due to steep slopes, impervious soil layers or other existing conditions?
 Yes No
4. Has a piezometer test been completed? Yes No
5. Will a Waste Discharge Permit from the Regional Water Quality Control Board be required?
 Yes No
(a waste discharge permit is typically needed when you exceed 2,500 gallons per day)

If a community sewage disposal system is to be used:

1. Is this project to be connected to an existing sewer line?
 Yes No Distance to nearest sewer line: _____
Location of connection: _____
2. What is the amount of proposed flow? _____ g.p.d.
3. Does the existing collection treatment and disposal system have adequate additional capacity to accept the proposed flow? Yes No

Solid Waste Information N/A

1. What type of solid waste will be generated by the project? Domestic Industrial
 Agricultural Other, please explain? _____
2. Name of Solid Waste Disposal Company: _____
3. Where is the waste disposal storage in relation to buildings? _____
4. Does your project design include an area for collecting recyclable materials and/or composting materials? Yes No

Community Service Information N/A

1. Name of School District: _____
2. Location of nearest police station: _____
3. Location of nearest fire station: _____
4. Location of nearest public transit stop: _____
5. Are services (grocery / other shopping) within walking distance of the project? Yes No
If yes, what is the distance? _____ feet / miles

Historic and Archeological Information

1. Please describe the historic use of the property: AT&T telephone switch facility
2. Are you aware of the presence of any historic, cultural or archaeological materials on the project site or in the vicinity? Yes No
If yes, please describe: _____
3. Has an archaeological surface survey been done for the project site? Yes No
If yes, please include **two** copies of the report with the application.

Commercial/Industrial Project Information

Only complete this section if you are proposing a commercial or industrial project or zoning change.

1. Days of Operation: 24/7 Hours of Operation: 24/7
2. How many people will this project employ? Un-manned facility
3. Will employees work in shifts? Yes No
If yes, please identify the shift times and number of employees for each shift _____
N/A
4. Will this project produce any emissions (i.e. gasses, smoke, dust, odors, fumes, vapors,)?
 Yes No
If yes, please explain: _____
5. Will this project increase the noise level in the immediate vicinity? Yes No
If yes, please explain: _____
(If loud equipment is proposed, please submit manufacturers estimate on noise output)
6. What type of industrial waste materials will result from the project? Explain in detail:

7. Will hazardous products be used or stored on-site? Yes No
 If yes, please describe in detail: _____
8. Has a traffic study been prepared? Yes No If yes, please attach a copy
9. Please estimate the number of employees, customer and other project-related traffic trips to or from the project.
 Between 7:00 - 9:00 a.m. _____ Between 4:00 to 6:00 p.m. _____
10. Are you proposing any special measures (carpooling, public transit, telecommuting) to reduce automobile trips by employees?
 Yes No If yes, please specify what you are proposing _____
11. Are you aware of any potentially problematic roadway conditions that may exist or result from the proposed project, such as poor sight distance at access points, connecting with the public road? Yes No
 If yes, please describe _____

Agricultural Information

Only complete this section: 1) within the Agricultural land use category or 2) your site is currently in agricultural production.

1. Is the site currently in Agricultural Preserve (Williamson Act)? Yes No
2. If yes, is the site currently under land conservation contract? Yes No
3. If your land is currently vacant or in agricultural production, are there any restrictions on the crop productivity of the land? That is, are there any reasons (i.e. poor soil, steep slopes) the land cannot support a profitable agricultural crop? Please explain in detail: _____

Special Project Information

1. Describe any amenities included in the project, such as park areas, open spaces, common recreation facilities, etc.(these also need to be shown on your site plan): None
2. Will the development occur in phases? Yes No
 If yes describe: _____
3. Do you have any plans for future additions, expansion or further activity related to or connected with this proposal? Yes No
 If yes, explain: _____
4. Are there any proposed or existing deed restrictions? Yes No
 If yes, please describe: _____

Energy Conservation Information

1. Describe any special energy conservation measures or building materials that will be incorporated into your project*: None

* The county's Building Energy Efficient Structures (BEES) program can reduce your construction permit fees. Your building must exceed the California State Energy Standards (Title 24) in order to qualify for this program. If you are interested in more information, please contact the Building Services Division of the Department of Planning and Building at (805) 781-5600.

Environmental Information

1. List any mitigation measures that you propose to lessen the impacts associated with your project: None

2. Are you aware of any unique, rare or endangered species (vegetation or wildlife) associated with the project site? Yes No
If yes, please list: _____
3. Are you aware of any previous environmental determinations for all or portions of this property? Yes No
If yes, please describe and provide "ED" number(s): _____

Other Related Permits

1. List all permits, licenses or government approvals that will be required for your project (federal, state and local): Building permit, FCC license

(If you are unsure if additional permits are required from other agencies, please ask a member of department staff currently assigned in either current planning or the environmental division)

6. SUMMARY SHEET - RF EXPOSURE

San Luis Obispo County Department of Planning and Building File No _____

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SUMMARY SHEET FOR RF EXPOSURE

This sheet should accompany the report required by Sections 22.30.180 and 23.08.284a(2)

Land Owner: AT&T
Applicant: Jesse Gilholm for T-Mobile West, LLC
APN: 072-201-010

1. Is this the only transmitting facility proposed or permitted on this property?
 Yes No (please answer questions 7 - 9)
2. Structure type Freestanding Building/Roof mounted Other
3. Will the lowest point of the antenna be at least 10 meters above the ground? Yes No
4. Please indicate height above ground of lowest point of the antenna 38'
5. Indicate the estimated exposure from this facility .0072 mW/cm2
6. What percent of the FCC guidelines does this represent? .72%

CUMULATIVE ANALYSIS

7. Enter number of transmitting facilities on site: Same as above
8. Indicate the total estimated RF exposure from this site: Same as above
9. What percent of the FCC guidelines does this represent? Same as above

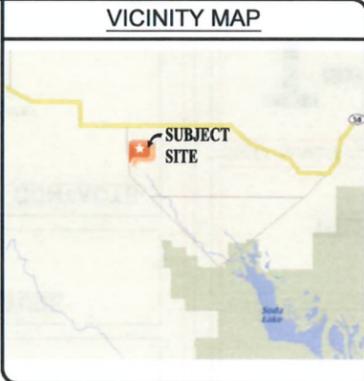
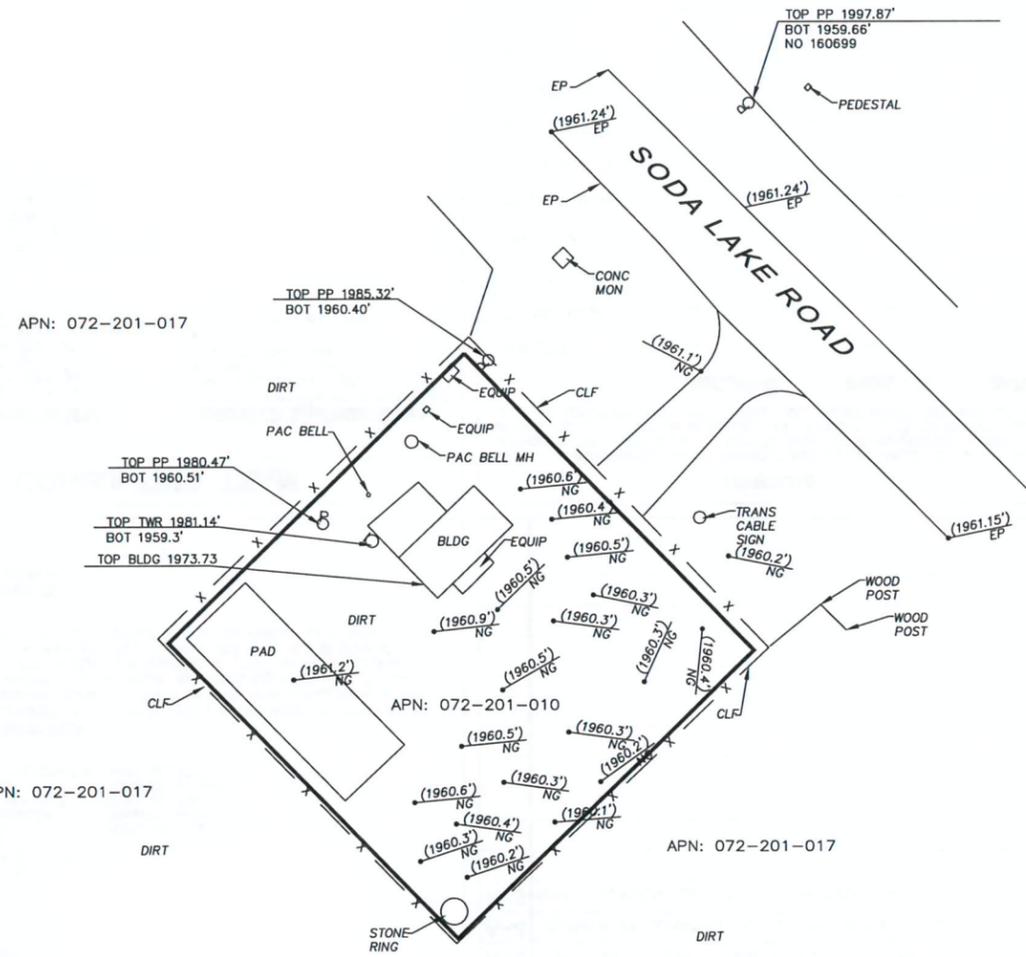
PROPOSED MITIGATION

FCC warning signs posted on-site

FOR MORE INFORMATION

For questions, contact Airlin Singewald, County Planner, at (805) 781-5198 or by email: asingewald@co.slo.ca.us.

On-site pre-application meetings can be arranged to discuss design issues and potential locations. We encourage you to schedule a pre-application meeting in advance of completing lease negotiations and applications for new wireless communications facilities.



THE BOUNDARY SHOWN HEREON HAS BEEN COMPILED BY RECORD DATA OBTAINED BY PUBLIC RECORD. A FIELD BOUNDARY WAS NOT CONDUCTED. THE FENCED AREA SHOWN HEREON DOES NOT MATCH ASSESSOR'S MAP DISTANCES.



T-Mobile
Get more from life

Synergy

Development Services, Inc.
16147 Wyandotte St. Van Nuys, CA 91406
Office: (818) 840-0808 Fax: (818) 840-0708

DATE: _____

SURVEY DATE: _____

NO.:	DATE:	BY:
1	DATE	BY
NOTE		
NOTE		
NOTE		
2	DATE	BY
NOTE		
NOTE		
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3	DATE	BY
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6	DATE	BY
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NOTE		
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7	DATE	BY
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NOTE		

SITE INFORMATION:
SV13284A
CALIFORNIA VALLEY
12900 SODA LAKE RD
SANTA MARGARITA, CA 93453

STAMP: _____

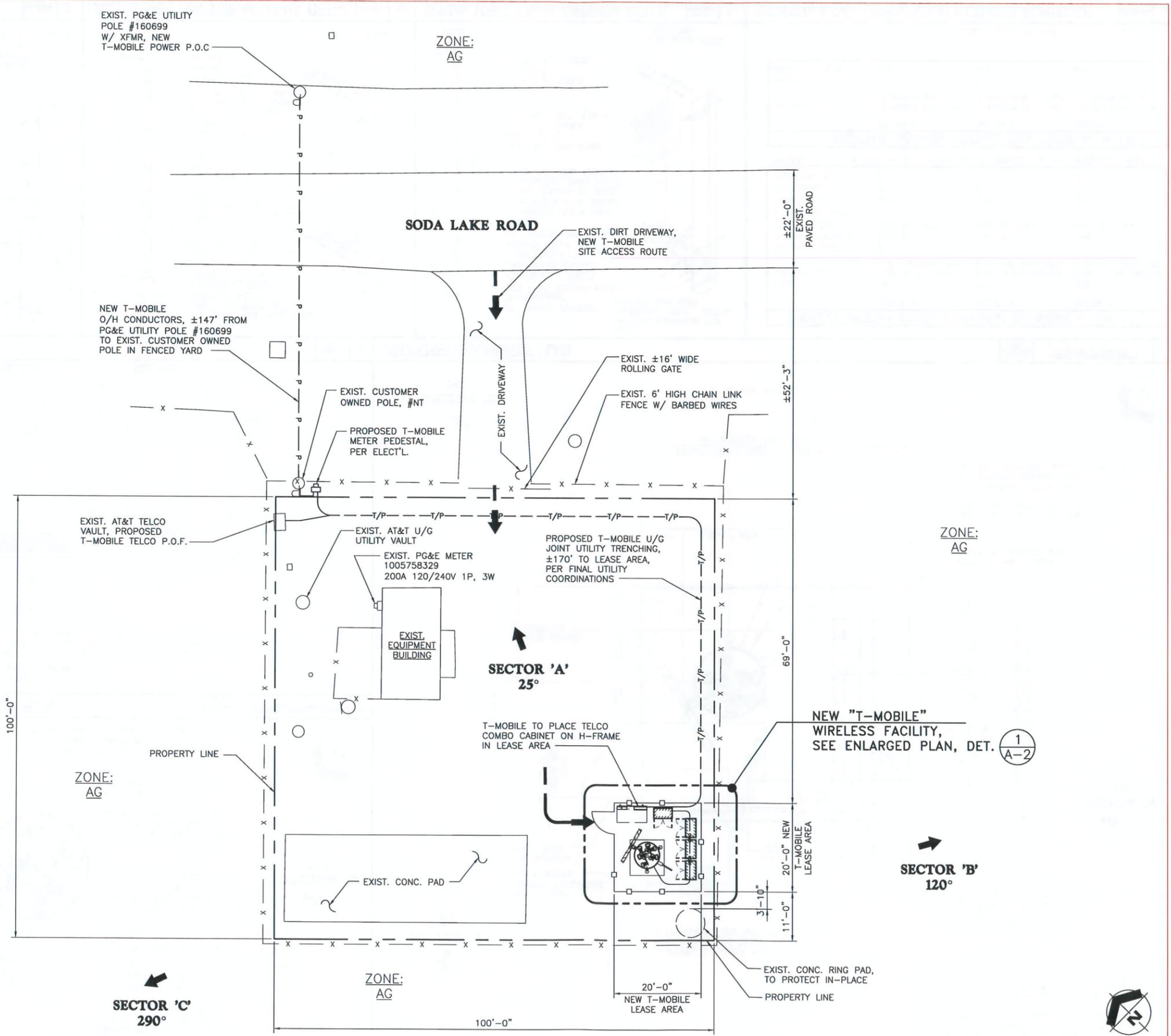
PROJECT INFO
OWNER NAME: AT&T, 188
INVERNESS DR., WEST S 400,
WINGLEWOOD, CO 80112
APN: 072-201-010
BENCHMARK: ELEVATIONS
BASED ON CALVRS GPS
STATION BASE_1
BASIS OF BEARINGS: THE
BEARINGS SHOWN HEREON
ARE BASED ON THE CALVRS
GPS NETWORK
SURVEY DATE:
05/9/11

SHEET TITLE:
TOPOGRAPHIC SURVEY

SHEET NUMBER:
LS-1

EXIST. PG&E UTILITY
POLE #160699
W/ XFMR, NEW
T-MOBILE POWER P.O.C

ZONE:
AG



T-Mobile
Stick Together

4100 GUARDIAN ST., SUITE 101
SIMI VALLEY, CA 93063

PROJECT INFORMATION:
**CALIFORNIA VALLEY
SV13567A**
13084 SODA LAKE ROAD
SANTA MARGARITA, CA 93453
SAN LUIS OBISPO COUNTY

CURRENT ISSUE DATE:
06-02-15

ISSUED FOR:
ZONING

REV.	DATE	DESCRIPTION	BY
A	05-11-15	L700 NSB 90% ZDs ISSUED FOR DRM	BK
D	06-02-15	RELOC. SITE, L700 NSB 100% Zds, ISSUED FOR ZONING	BK

PLANS PREPARED BY:
Synergy
Development Services, INC.
7543 WOODLEY AVE., #201, VAN NUYS, CA 91406
Office: (818) 840-0808 Fax: (818) 840-0708

CONSULTANT:
Synergy
Development Services, INC.
7543 WOODLEY AVE., #201, VAN NUYS, CA 91406
Office: (818) 840-0808 Fax: (818) 840-0708

DRAWN BY: BK CHK.: JG APV.: AB

LICENSURE:

SHEET TITLE:
SITE PLAN

SHEET NUMBER: **A-1** REVISION: **0**
SV13567A

Jun 01 2015 8:32am

NOTES:
 1. ALL PROPOSED T-MOBILE TOWER MOUNTED EQUIPMENT SHALL PAINT TO MATCH THE COLOR OF THE WINDMILL AS NEEDED.
 2. FOR EQUIPMENT SCHEDULE, ANTENNA AND RRUS DETAILS AND SPECIFICATIONS, SEE SHT. A-5.



PROJECT INFORMATION:
CALIFORNIA VALLEY SV13567A
 13084 SODA LAKE ROAD
 SANTA MARGARITA, CA 93453
 SAN LUIS OBISPO COUNTY

CURRENT ISSUE DATE:
06-02-15

ISSUED FOR:
ZONING

REV.:	DATE:	DESCRIPTION:	BY:
A	05-11-15	L700 NSB 90% ZDS ISSUED FOR DRM	BK
0	06-02-15	RELOC. SITE, L700 NSB 100% ZD, ISSUED FOR ZONING	BK

PLANS PREPARED BY:

 7543 WOODLEY AVE., #201, VAN NUYS, CA 91406
 Office: (818) 840-0808 Fax: (818) 840-0708

CONSULTANT:

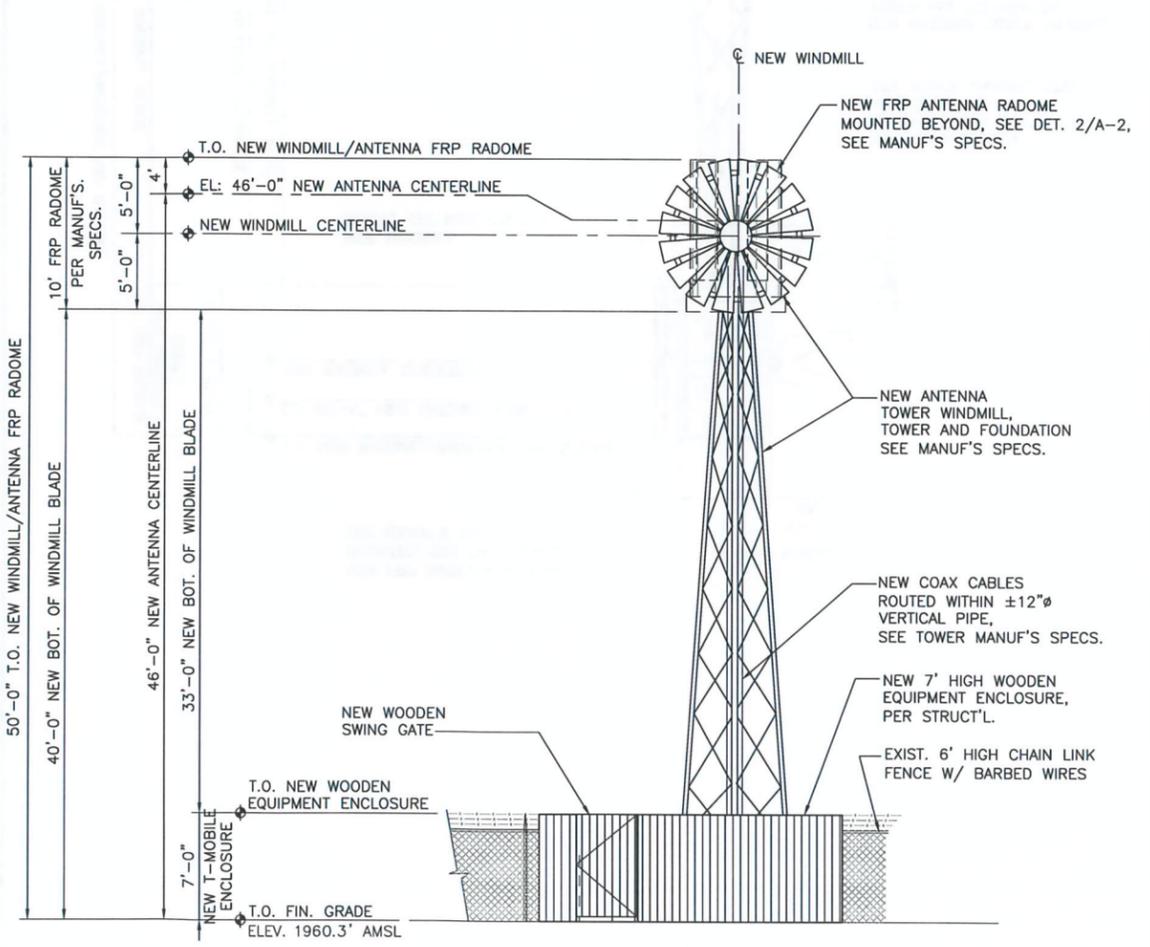
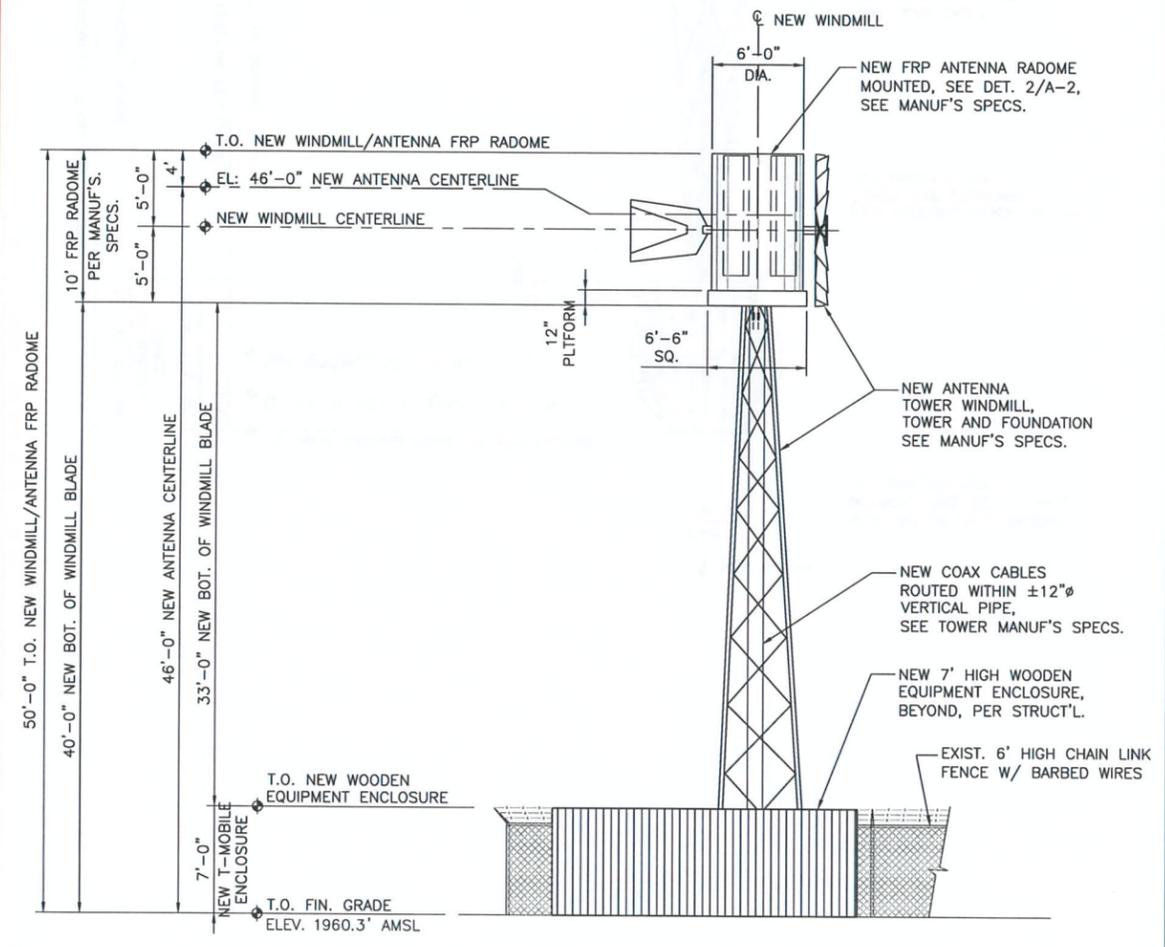
 7543 WOODLEY AVE., #201, VAN NUYS, CA 91406
 Office: (818) 840-0808 Fax: (818) 840-0708

DRAWN BY: BK CHK.: JG APV.: AB

LICENSURE:

SHEET TITLE:
NORTH-WEST ELEVATION AND NORTH-EAST ELEVATION

SHEET NUMBER: **A-3** REVISION: **0**
 SV13567A



NORTH-EAST ELEVATION

SCALE: 3/16"=1'
 0' 1' 5' 10'

NORTH-WEST ELEVATION

SCALE: 3/16"=1'
 0' 1' 5' 10'

Jun 01 2015 6:53:00am

PROJECT INFORMATION:

CALIFORNIA VALLEY
SV13567A

13084 SODA LAKE ROAD
SANTA MARGARITA, CA 93453
SAN LUIS OBISPO COUNTY

CURRENT ISSUE DATE:

06-02-15

ISSUED FOR:

ZONING

REV.: DATE: DESCRIPTION: BY:

REV.	DATE	DESCRIPTION	BY
A	05-11-15	L700 NSB 90% ZDs ISSUED FOR DRM	BK
D	06-02-15	RELOC. SITE, L700 NSB 100% ZDs, ISSUED FOR ZONING	BK

PLANS PREPARED BY:

Synergy
Development Services, INC.
7543 WOODLEY AVE., #201, VAN NUYS, CA 91406
Office: (818) 840-0808 Fax: (818) 840-0708

CONSULTANT:

Synergy
Development Services, INC.
7543 WOODLEY AVE., #201, VAN NUYS, CA 91406
Office: (818) 840-0808 Fax: (818) 840-0708

DRAWN BY: CHK.: APV.:

BK JG AB

LICENSURE:

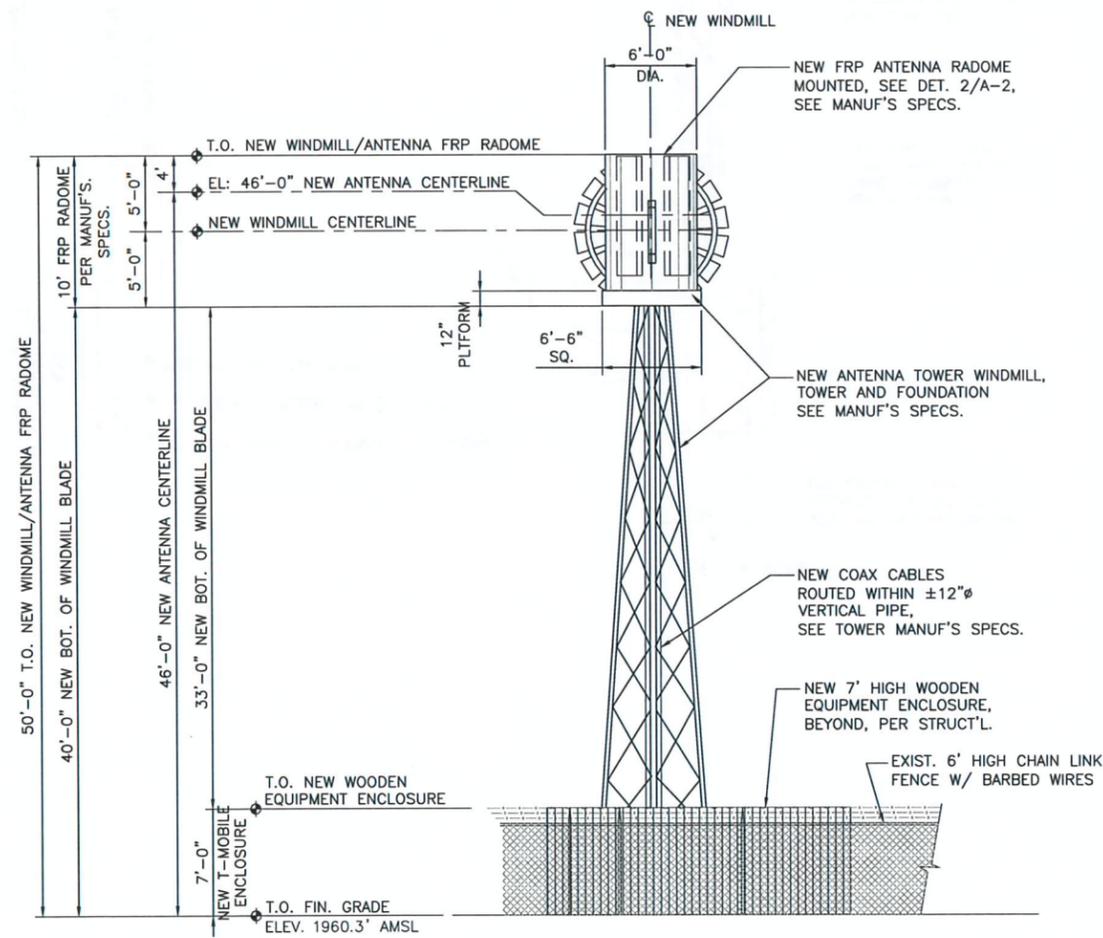
SHEET TITLE:

**SOUTH-WEST
ELEVATION AND
SOUTH-EAST
ELEVATION**

SHEET NUMBER: REVISION:

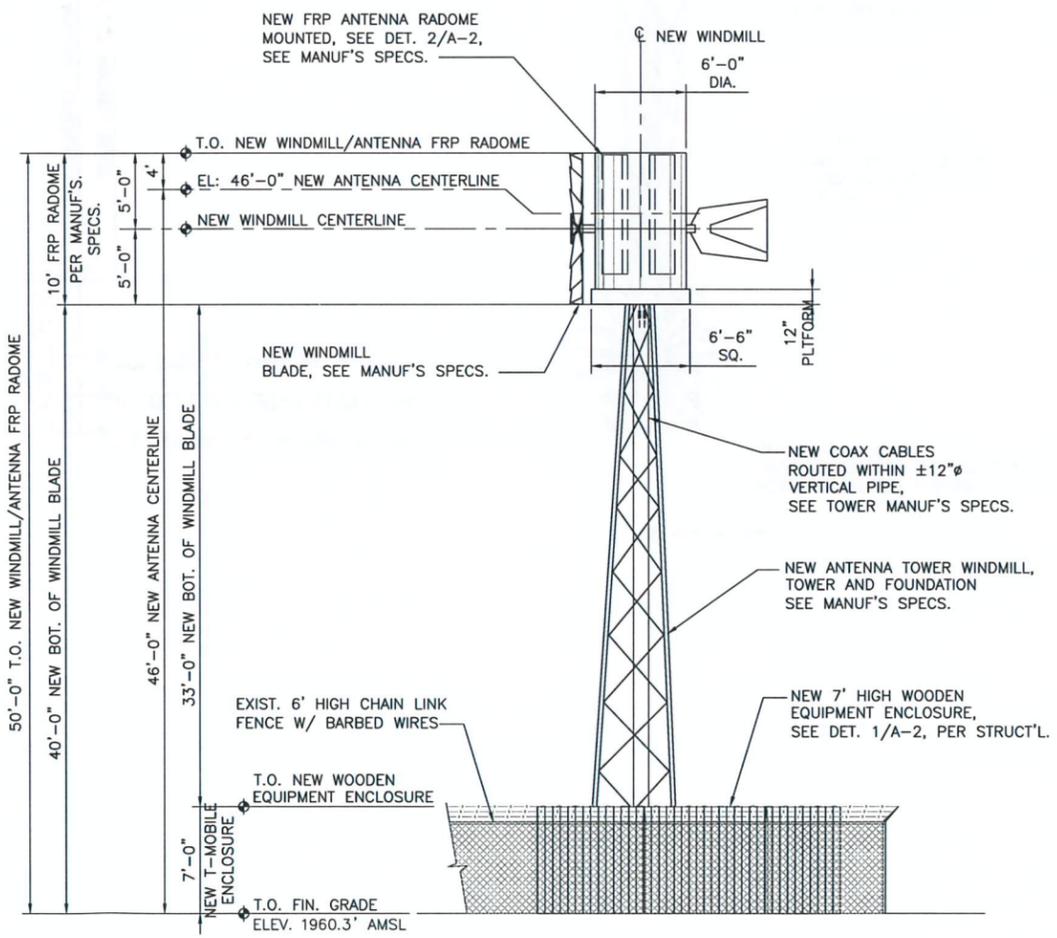
A-4 0
SV13567A

NOTES:
1. ALL PROPOSED T-MOBILE TOWER MOUNTED EQUIPMENT SHALL PAINT TO MATCH THE COLOR OF THE WINDMILL AS NEEDED.
2. FOR EQUIPMENT SCHEDULE, ANTENNA AND RRUS DETAILS AND SPECIFICATIONS, SEE SHT. A-5.



SOUTH-EAST ELEVATION

SCALE: 3/16" = 1'
0' 1' 5' 10'



SOUTH-WEST ELEVATION

SCALE: 3/16" = 1'
0' 1' 5' 10'

Jun 01 2015 6:34pm

Product Specifications

COMMSCOPE



Andrew Solutions
SBNHH-1D65C
Andrew® Dual-Polar Tri-Band Telecell® SmartBeam® Antenna, 1 x 698-896 MHz and 2 x 1710-2360 MHz, 65° horizontal beamwidth, RET compatible

- Three Dual-Pol® antennas under one radome
- Interleaved dupe technology providing for attractive, low wind load mechanical package

Electrical Specifications

Frequency Band, MHz	698-896	806-896	1710-1850	1850-1990	1920-2180	2300-2360
Gain, dB	15.7	15.5	16.8	17.2	17.4	17.5
Beamwidth, Horizontal, degrees	65	63	68	63	61	58
Beamwidth, Vertical, degrees	9.0	7.6	5.6	5.3	5.1	4.4
Beam Tilt, degrees	0-11	0-11	0-7	0-7	0-7	0-7
USLS, typical, dB	15	15	14	13	13	13
Front-to-Back Ratio, Copolarization 180° & 230°, dB	28	30	27	26	24	24
CPE at Soreight, dB	18	18	18	18	18	18
CPR at Sector, dB	10	10	10	10	10	4
Isolation, dB	30	30	29	29	29	29
Isolation, Intersystem, dB	30	30	30	30	30	30
VSWR Return Loss, dB	1.5:1 15.1	1.5:1 14.0	1.5:1 14.0	1.5:1 14.0	1.5:1 14.0	1.5:1 14.0
PIM, 3rd Order, 2 x 20 W, dBc	-150	-150	-150	-150	-150	-150
Input Power per Port, maximum, watts	400	400	300	300	300	300
Polarization	±45°	±45°	±45°	±45°	±45°	±45°
Impedance	50 ohm					
Lightning Protection	dc Ground					

Mechanical Specifications

Color Radome Material	Light gray Fiberglass, UV resistant
Connector Interface Location Quantity	7-16 DIN Female Bottom 6
Wind Loading, maximum	879.0 N @ 150 km/h 197.6 lbf @ 150 km/h
Wind Speed, maximum	241.4 km/h 150.0 mph

Dimensions

Depth	181.0 mm 7.1 in
Length	2438.40 mm 96.20 in
Width	301.00 mm 11.85 in
Net Weight	30.00 kg 66.14 lb

Remote Electrical Tilt (RET) Information

Annual Failure Rate, maximum	0.01%
Power Consumption, during major movements, maximum	1.0 W
Power Consumption, idle state, maximum	2.0 W
Power Input	10-30 V
Protocol	3GPP/ASIG 2.0 Multi-RET

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Product Specifications

COMMSCOPE

SBNHH-1D65C

RET Interface

RS-485 Female (easy chain port, 1) | RS-485 Male (input port, 1)

Regulatory Compliance/Certifications

Agency: FCC Part 201.165/ETC
China RoHS SJT11354-2006
ISO 9001:2008

Classification: Compliant by Exemption Above Maximum Concentration Value (MCV)
Designed, manufactured and/or distributed under this quality management system



Included Products

06380-5083 — Standard two point mounting system to secure BSA panels to pipes with an OD measuring 2.4-4.5" (60-115mm). Includes locking dowel brackets and heavy gauge pipe brackets to provide superior windload performance.

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SBNHH-1D65C PANEL ANTENNA SPECIFICATIONS

SCALE: NTS 6

Description	Value
Width	431 mm 16.968 in
Depth	182 mm 7.165 in
Weight	
RRUS 11	23 kg 50.07 lbs
Color	
Gray	NCS S2502-R

(1) For RRUS 11 BT, 2x20W is guaranteed for operating ambient temperatures < +50 °C. For higher temperatures, 2x20W is guaranteed.
(2) Detailed information about LTE licenses can be found in License Management. Detailed information about WCDMA licenses can be found in Licenses and Hardware Activation Codes.
(3) RRUS 11 for B12 has a bandwidth that is 2 MHz narrower than 3GPP. The supported frequency corresponds to EARFCN (Channel Numbers) of 5010-5169 in downlink and 23010-23169 in uplink.

The RRUS 11 size, height, width, and depth with solar shield, is shown in Figure 2.

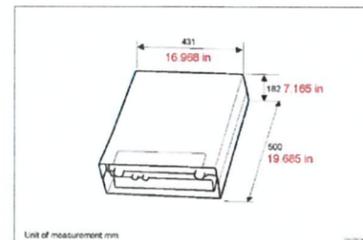


Figure 2 RRUS 11 Height, Width, and Depth with Solar Shield

3.1.2 RRUS 61 Dimensions

Table 2 lists the technical data for the RRUS 61. Figure 3 shows the dimensions for the RRUS 61.

1111551-L2A 721 6001 User D | 2011-12-05

3 Technical Data

This section describes the physical characteristics, environmental data, and the power supply of the RBS.

3.1 Dimensions

This section provides technical data and dimensions for the RRUS 11, and RRUS 61.

3.1.1 RRUS 11 Dimensions

Table 1 lists the technical data for the RRUS 11. Figure 2 shows the dimensions for the RRUS 11.

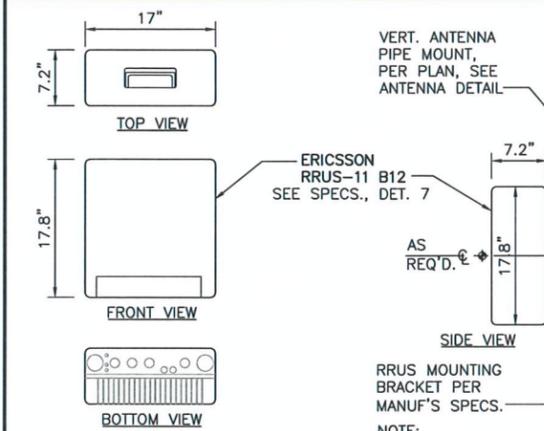
Table 1 RRUS 11 Technical Data

Description	Value
Maximum nominal output power	Without license key: 2x10 W or 1x20 W 2x20 W or 1x40 W (1x30 W), 2x30 W, 2x40 W ⁽¹⁾ require license keys ⁽²⁾
Number of carriers	Without license key: one carrier With license keys: up to four carriers

1111551-L2A 721 6001 User D | 2011-12-05

RRUS-11 B12 PANEL ANTENNA SPECIFICATIONS

SCALE: NTS 7



ERICSSON
RRUS-11 B12 SPECS.
DIMENSIONS, WxDxH: 431x184x452mm (17"x7.2"x17.8")
TOTAL WEIGHT: 55 lbs (23 kg)

(NOT USED)

SCALE: NTS 4

RRUS-11 B12 DETAIL

SCALE: NTS 1

8FT, AWS ACTIVE
AIR 21 B4A/B12P-B5P, 8 FT (KRC 118 048/1)

- Frequency bands:
 - AWS (1700/2100 MHz) active 2TX/4RX dual X-pol. stacked
 - 698 MHz - 894 MHz passive single X-pol.
- IBW (active part) = 20 MHz
- Gain (active/passive): 18/16 dB (15.7 on A block)
- Horiz. beamwidth (active/passive): 61°/68°
- Vertical beamwidth (active/passive): 7°/9°
- Integrated RET (AISG 2.0)
- Interfaces
 - Two optical fiber ports (CPRI) for active antenna/radio
 - One power connector, -48 V DC
 - Two 7/16 female connectors for passive antenna, with RET support
- Dimensions (H x W x D): 8.0' x 12.1' x 8.7'
- Weight: ~126 lbs
- Wind load: 1370 N @ 94 miles/hr



AIR 21 B4A/B12P Data Sheets | Commercial in confidence | 2014-01-29 | Page 2

KRC 118 048/1 B4A/B12P ANTENNA SPECIFICATIONS

SCALE: NTS 2

(NOT USED)

SCALE: NTS 5

(NOT USED)

SCALE: NTS 3

T-Mobile
Stick Together

4100 GUARDIAN ST., SUITE 101
SIMI VALLEY, CA 93063

PROJECT INFORMATION:

CALIFORNIA VALLEY
SV13567A

13084 SODA LAKE ROAD
SANTA MARGARITA, CA 93453
SAN LUIS OBISPO COUNTY

CURRENT ISSUE DATE:

06-02-15

ISSUED FOR:

ZONING

REV.: DATE: DESCRIPTION: BY:

A	05-11-15	L700 NSB 90% ZDs	BK
B	06-02-15	RELOC. SITE, L700 NSB 100% Zds, ISSUED FOR ZONING	BK

PLANS PREPARED BY:

Synergy
Development Services, Inc.
7543 WOODLEY AVE., #201, VAN NUYS, CA 91406
Office: (818) 840-0808 Fax: (818) 840-0708

CONSULTANT:

Synergy
Development Services, Inc.
7543 WOODLEY AVE., #201, VAN NUYS, CA 91406
Office: (818) 840-0808 Fax: (818) 840-0708

DRAWN BY: CHK.: APV.:

BK JG AB

LICENSURE:

SHEET TITLE:

MISC. EQUIPMENT
DETAILS AND
SPECIFICATIONS

SHEET NUMBER: REVISION:

A-5 0

SV13567A

PHOTO KEY



Directional Photos of Site



#1 VIEW OF SITE FROM NORTH



#2 VIEW OF SITE FROM SOUTH

Directional Photos of Site



#3 VIEW OF SITE FROM EAST

VIEW NOT AVAILABLE

#4 VIEW OF SITE FROM WEST

Directional Photos of Site



#5 VIEW FROM SITE LOOKING NORTH

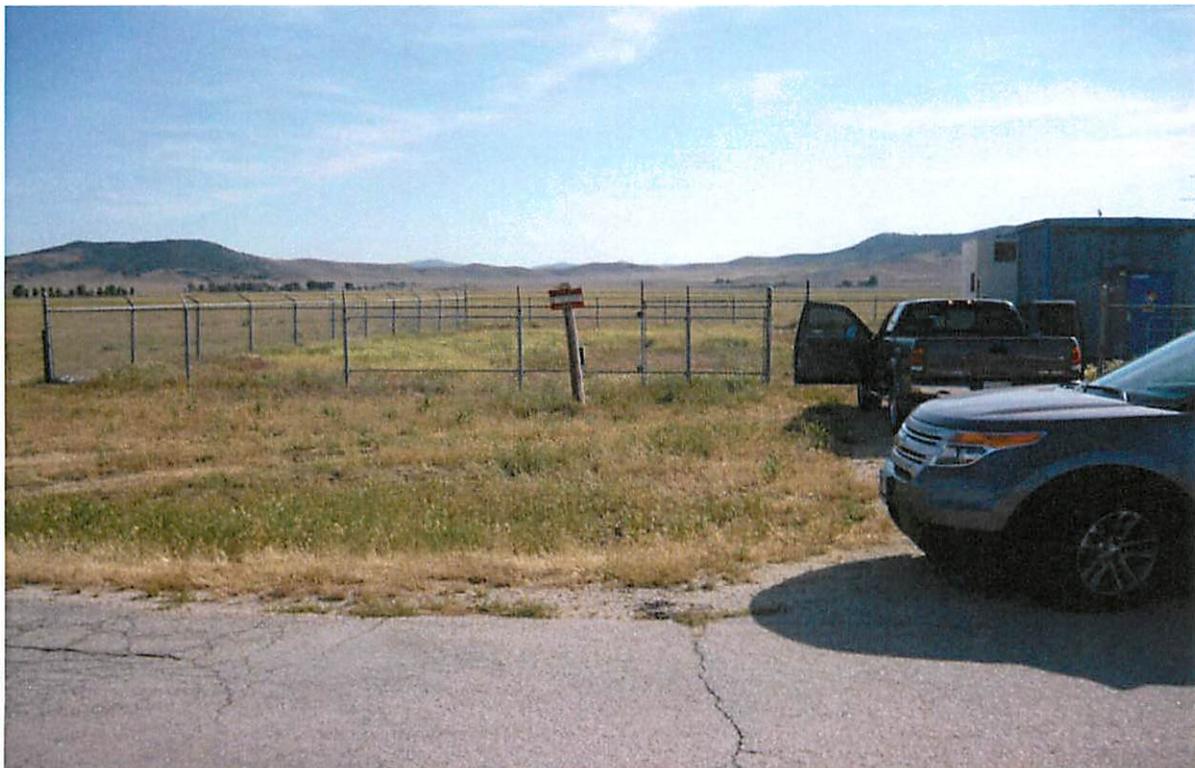


#6 VIEW FROM SITE LOOKING SOUTH

Directional Photos of Site



#7 VIEW FROM SITE LOOKING EAST



#8 VIEW FROM SITE LOOKING WEST

SV13567A

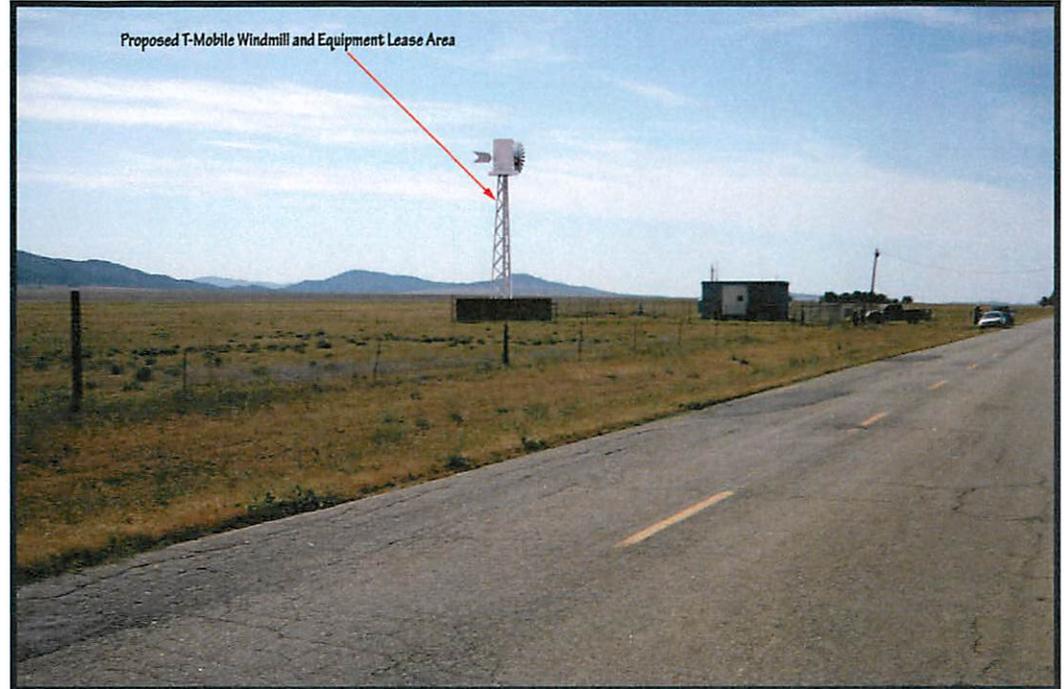
13084 Soda Lake Road ~ Santa Margarita, CA 93453

• • T • • Mobile •

View 1



Location Map



Proposed

Notes: Looking north west at proposed project



Existing

Applicant

T-Mobile USA

3 Imperial Promenade
Santa Ana, CA 92707
(714) 850-2400

Contact

Synergy Development Svc

7543 Woodley Ave #201
Van Nuys, CA 91406
(818) 840-0808

Photographic Visualizations Provided By:

SoCal
SCDG LLC.

SoCal Design Group

10803 Aster Lane
Apple Valley, CA 92308
www.sodgllc.com
(951) 225-5421
edward@sodgllc.com

This photo simulation is being provided as a conceptual representation of the proposed wireless facility. For exact dimensions and design, please refer to the submitted plans. SCDG LLC (SoCal Design Group) is not responsible for Post Simulation Production Design Changes.

SV13567A

13084 Soda Lake Road ~ Santa Margarita, CA 93453



View 2



Location Map



Proposed

Notes: Looking south east at proposed project



Existing

Applicant

T-Mobile USA

3 Imperial Promenade
Santa Ana, CA 92707
(714) 850-2400

Contact

Synergy Development Svc

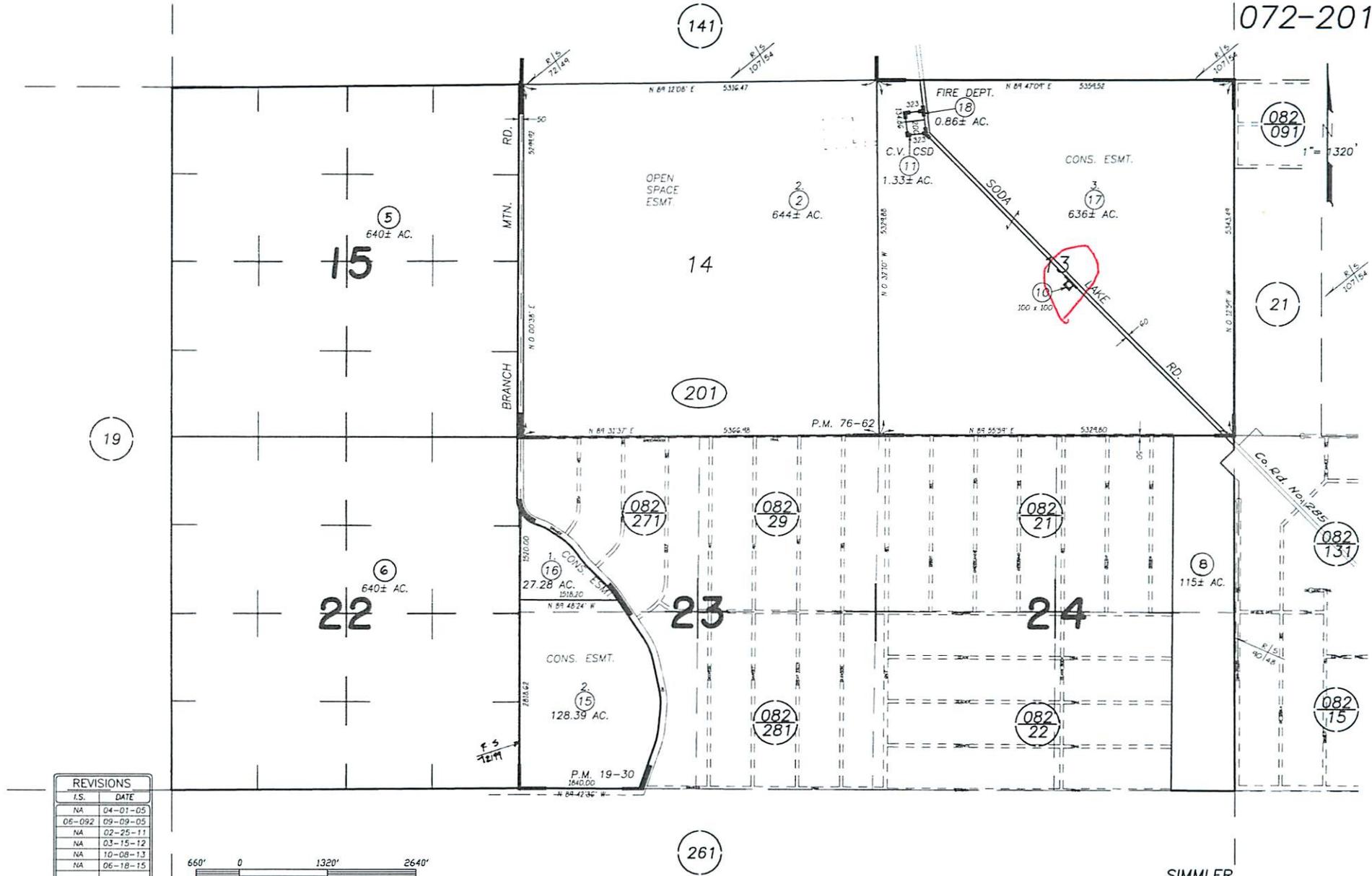
7543 Woodley Ave #201
Van Nuys, CA 91406
(818) 840-0808

Photographic Visualizations Provided By:

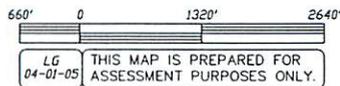
SoCal
SCDG LLC.
SoCal Design Group

10803 Aster Lane
Apple Valley, CA 92308
www.scdgllc.com
(951) 225-5421
edward@scdgllc.com

This photo simulation is being provided as a conceptual representation of the proposed wireless facility.
For exact dimensions and design, please refer to the submitted plans.
SCDG LLC (SoCal Design Group) is not responsible for Post Simulation Production Design Changes.



REVISIONS	
I.S.	DATE
NA	04-01-05
06-092	09-09-05
NA	02-25-11
NA	03-15-12
NA	10-08-13
NA	06-18-15



T.30S. ; R.18E. ; SECTIONS 13, 14, 15, 22, 23 & 24. M.D.B.M.

SIMMLER
 ASSESSOR'S MAP, COUNTY OF
 SAN LUIS OBISPO, CA.
 BOOK 072 PAGE 201



Parcel Summary Report For Parcel # 072-201-010

7/1/2015
3:42:29PM

San Luis Obispo County Department of Planning and Building

County Government Center

San Luis Obispo, California 93408

Telephone: (805) 781-5600

People Information

Role Name and Address

OWN AT&T COMMUNICATIONS INC

OWN AT&T COMMUNICATIONS OF CA

OWN BOE 2312-40-009-02

OWN PACIFIC TELEPHONE & TELEGRAPH CO

Address Information

Status Address
P 00000 SODA LAKE RD CAVA

Lot Information:

<u>Tract / Twnshp</u>	<u>Block / Range</u>	<u>Section</u>	<u>Community:</u>	<u>Plan/Area:</u>	<u>Lue 1:</u>	<u>Lue 2:</u>	<u>Lue 3:</u>	<u>Lot:</u>	<u>Flags:</u>	<u>Misc</u>
T30S	R18E	13P	California Valle	Carrizo						
			California Valle	Carrizo	RS			Y		

Parcel Information

Status Description
Active BOE 2312-40-20 PAR 5

Notes

LEGAL PARCEL PER DEED 1297 OR 498 WHEREBY LAND CONVEYED TO A PUBLIC UTILITY. PUBLIC LOT REQUIREMENT CAME IN 1/1/1977. THIS DEED PREDATES 1977 THEREFORE NO PUBLIC LOT APPLICATION WAS REQUIRED. JSM

Tax Districts

ATASCADERO
SAN LUIS OBISPO JT(27,40)
NO. 05



Parcel Summary Report For Parcel # 072-201-010

7/1/2015
3:42:29PM

San Luis Obispo County Department of Planning and Building

County Government Center

San Luis Obispo, California 93408

Telephone: (805) 781-5600

CALIFORNIA VALLEY
AREA NO. 17
AREA NO. 17, IMP. 01
AREA NO. 21

Case Information

Case Number:

Case Status:

DRC2012-00002 APV Primary Parcel

Description:

NEW CELL SITE

DRC2014-00159 REC Primary Parcel

Description:

CELL SITE: INSTALL A WIRELESS COMMUNICATIONS FACILITY CONSISTING OF A NEW 50' TALL "WINDMILL" TO HOUSE 6 PANEL ANTENNAS, 3 TMA'S/RRU'S, AND 4 EQUIPMENT CABINETS IN WOODEN ENCLOSURE LOCATED AT GRADE

D980097P CMP Related Parcel

Description:

FIBEROPTIC NETWORK