

Washoe County Development Application

Your entire application is a public record. If you have a concern about releasing personal information, please contact Planning and Building staff at 775.328.6100.

Project Information		Staff Assigned Case No.: <u>WSUP19-0002</u>	
Project Name: Sprint - SF03UB750 - Antenna Relocation			
Project Description: Remove and replace (4) existing Sprint Antennas w/ (4) new Sprint antennas on a proposed 40' cellblock tower. Install (2) 2.5 RRU's and (4) junction cylinders on new tower. Relocate (2) existing 800 MHz and (2) existing 1900 MHz RRU units to new tower. Install (3) new hybrid cables.			
Project Address: 16125 N Timberline Drive, Reno, NV 89511			
Project Area (acres or square feet): approx. 590 sq. feet			
Project Location (with point of reference to major cross streets AND area locator): N. Timberline Drive and Timberline View Court			
Assessor's Parcel No.(s):	Parcel Acreage:	Assessor's Parcel No.(s):	Parcel Acreage:
49-07-041			
Indicate any previous Washoe County approvals associated with this application: Case No.(s). Building Permit # 00-1673			
Applicant Information (attach additional sheets if necessary)			
Property Owner:		Professional Consultant:	
Name: Truckee Meadows Water Authority		Name:	
Address: 1355 Capital Blvd		Address:	
Reno, NV	Zip: 89502		Zip:
Phone: 775-834-8071	Fax:	Phone:	Fax:
Email: hedmunson@tmwa.com		Email:	
Cell:	Other:	Cell:	Other:
Contact Person: Heather Edmunson		Contact Person:	
Applicant/Developer:		Other Persons to be Contacted:	
Name: Sprint C/O Streamline Engineering & Design		Name:	
Address: 8445 Sierra College Blvd Suite E		Address:	
Granite Bay, CA	Zip: 95746		Zip:
Phone: 916-813-9161	Fax:	Phone:	Fax:
Email: brigitte@streamlineeng.com		Email:	
Cell:	Other:	Cell:	Other:
Contact Person: Brigitte Porter		Contact Person:	
For Office Use Only			
Date Received:	Initial:	Planning Area:	
County Commission District:		Master Plan Designation(s):	
CAB(s):		Regulatory Zoning(s):	

Property Owner Affidavit

Applicant Name: Sprint C/o Streamline Engineering & Design, Inc.

The receipt of this application at the time of submittal does not guarantee the application complies with all requirements of the Washoe County Development Code, the Washoe County Master Plan or the applicable area plan, the applicable regulatory zoning, or that the application is deemed complete and will be processed.

STATE OF NEVADA)
)
COUNTY OF WASHOE)

I, Mark Foree

(please print name)

being duly sworn, depose and say that I am the owner* of the property or properties involved in this application as listed below and that the foregoing statements and answers herein contained and the information herewith submitted are in all respects complete, true, and correct to the best of my knowledge and belief. I understand that no assurance or guarantee can be given by members of Planning and Building.

(A separate Affidavit must be provided by each property owner named in the title report.)

Assessor Parcel Number(s): 049-070-41

Printed Name Mark Foree

Signed Mark Foree

Address P.O. Box 30013

Reno, NV 89502

Subscribed and sworn to before me this 18th day of January, 2019

Heather Edmundson

Notary Public in and for said county and state

My commission expires: 11-20-21

(Notary Stamp)



*Owner refers to the following: (Please mark appropriate box.)

- Owner
- Corporate Officer/Partner (Provide copy of record document indicating authority to sign.)
- Power of Attorney (Provide copy of Power of Attorney.)
- Owner Agent (Provide notarized letter from property owner giving legal authority to agent.)
- Property Agent (Provide copy of record document indicating authority to sign.)
- Letter from Government Agency with Stewardship

**Special Use Permit Application
Supplemental Information**
(All required information may be separately attached)

1. What is the project being requested?

Removal of Sprint equipment/antennas from existing Watertank. Installation of new 40' cell block tower. Install of Sprint antennas/RRUs on new cell block tower.

2. Provide a site plan with all existing and proposed structures (e.g. new structures, roadway improvements, utilities, sanitation, water supply, drainage, parking, signs, etc.)

See attached plans.

3. What is the intended phasing schedule for the construction and completion of the project?

TBD

4. What physical characteristics of your location and/or premises are especially suited to deal with the impacts and the intensity of your proposed use?

The proposed project area is in a relatively unpopulated area.

5. What are the anticipated beneficial aspects or affects your project will have on adjacent properties and the community?

The new proposed cell block tower will service the same coverage area as the existing facility located on the water tank.

6. What are the anticipated negative impacts or affect your project will have on adjacent properties? How will you mitigate these impacts?

Proposed cell block tower and antennas will be painted to match the surrounding buildings/hillside.

7. Provide specific information on landscaping, parking, type of signs and lighting, and all other code requirements pertinent to the type of use being purposed. Show and indicate these requirements on submitted drawings with the application.

Less than 5 cubic yards

8. Are there any restrictive covenants, recorded conditions, or deed restrictions (CC&Rs) that apply to the area subject to the special use permit request? (If so, please attach a copy.)

<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
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9. Utilities:

a. Sewer Service	N/a
b. Electrical Service	Existing
c. Telephone Service	N/a
d. LPG or Natural Gas Service	N/a
e. Solid Waste Disposal Service	N/a
f. Cable Television Service	N/a
g. Water Service	N/a

For most uses, Washoe County Code, Chapter 110, Article 422, Water and Sewer Resource Requirements, requires the dedication of water rights to Washoe County. Please indicate the type and quantity of water rights you have available should dedication be required.

h. Permit #		acre-feet per year	
i. Certificate #		acre-feet per year	
j. Surface Claim #		acre-feet per year	
k. Other #		acre-feet per year	

Title of those rights (as filed with the State Engineer in the Division of Water Resources of the Department of Conservation and Natural Resources).

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10. Community Services (provided and nearest facility):

a. Fire Station	Truckee Meadows Fire Station 39, 4000 Joy Lake Road, Reno, NV 89511
b. Health Care Facility	N/a
c. Elementary School	N/a
d. Middle School	N/a
e. High School	N/a
f. Parks	N/a
g. Library	N/a
h. Citifare Bus Stop	N/a

**Special Use Permit Application
for Grading
Supplemental Information**
(All required information may be separately attached)

1. What is the purpose of the grading?

Grading will be required to install the cellblock foundation.

2. How many cubic yards of material are you proposing to excavate on site?

Less than 5 cubic yards

3. How many square feet of surface of the property are you disturbing?

Approximately 200

4. How many cubic yards of material are you exporting or importing? If none, how are you managing to balance the work on-site?

Exporting less than 5 cubic yards.

5. Is it possible to develop your property without surpassing the grading thresholds requiring a Special Use Permit? (Explain fully your answer.)

Unknown

6. Has any portion of the grading shown on the plan been done previously? (If yes, explain the circumstances, the year the work was done, and who completed the work.)

No.

7. Have you shown all areas on your site plan that are proposed to be disturbed by grading? (If no, explain your answer.)

Yes

8. Can the disturbed area be seen from off-site? If yes, from which directions and which properties or roadways?

No

9. Could neighboring properties also be served by the proposed access/grading requested (i.e. if you are creating a driveway, would it be used for access to additional neighboring properties)?

No, grading only for cellblock foundation.

10. What is the slope (horizontal/vertical) of the cut and fill areas proposed to be? What methods will be used to prevent erosion until the revegetation is established?

A new 16' wide by 3' tall CMU wall will be installed.

11. Are you planning any berms?

Yes	No <input checked="" type="checkbox"/>	If yes, how tall is the berm at its highest?
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12. If your property slopes and you are leveling a pad for a building, are retaining walls going to be required? If so, how high will the walls be and what is their construction (i.e. rockery, concrete, timber, manufactured block)?

Yes, 3' tall CMU wall.

13. What are you proposing for visual mitigation of the work?

New cell block tower and tower mounted equipment will be painted to match surrounding area.

14. Will the grading proposed require removal of any trees? If so, what species, how many and of what size?

No

15. What type of revegetation seed mix are you planning to use and how many pounds per acre do you intend to broadcast? Will you use mulch and, if so, what type?

N/a

16. How are you providing temporary irrigation to the disturbed area?

N/a

17. Have you reviewed the revegetation plan with the Washoe Storey Conservation District? If yes, have you incorporated their suggestions?

N/a

18. Are there any restrictive covenants, recorded conditions, or deed restrictions (CC&Rs) that may prohibit the requested grading?

Yes	No <input checked="" type="checkbox"/>	If yes, please attach a copy.
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Property Tax Reminder Notice

WASHOE COUNTY
 PO BOX 30039
 RENO, NV 89520-3039
 775-328-2510

PIN: 04907041
 AIN:

Balance Good Through:	02/08/2019
Current Year Balance:	\$0.00
Prior Year(s) Balance: (see below for details)	\$0.00
Total Due:	\$0.00

AUTO
 :895206:

ATTN LANDS DEPARTMENT
 TRUCKEE MEADOWS WATER AUTHORITY
 PO BOX 30013
 RENO NV 89520

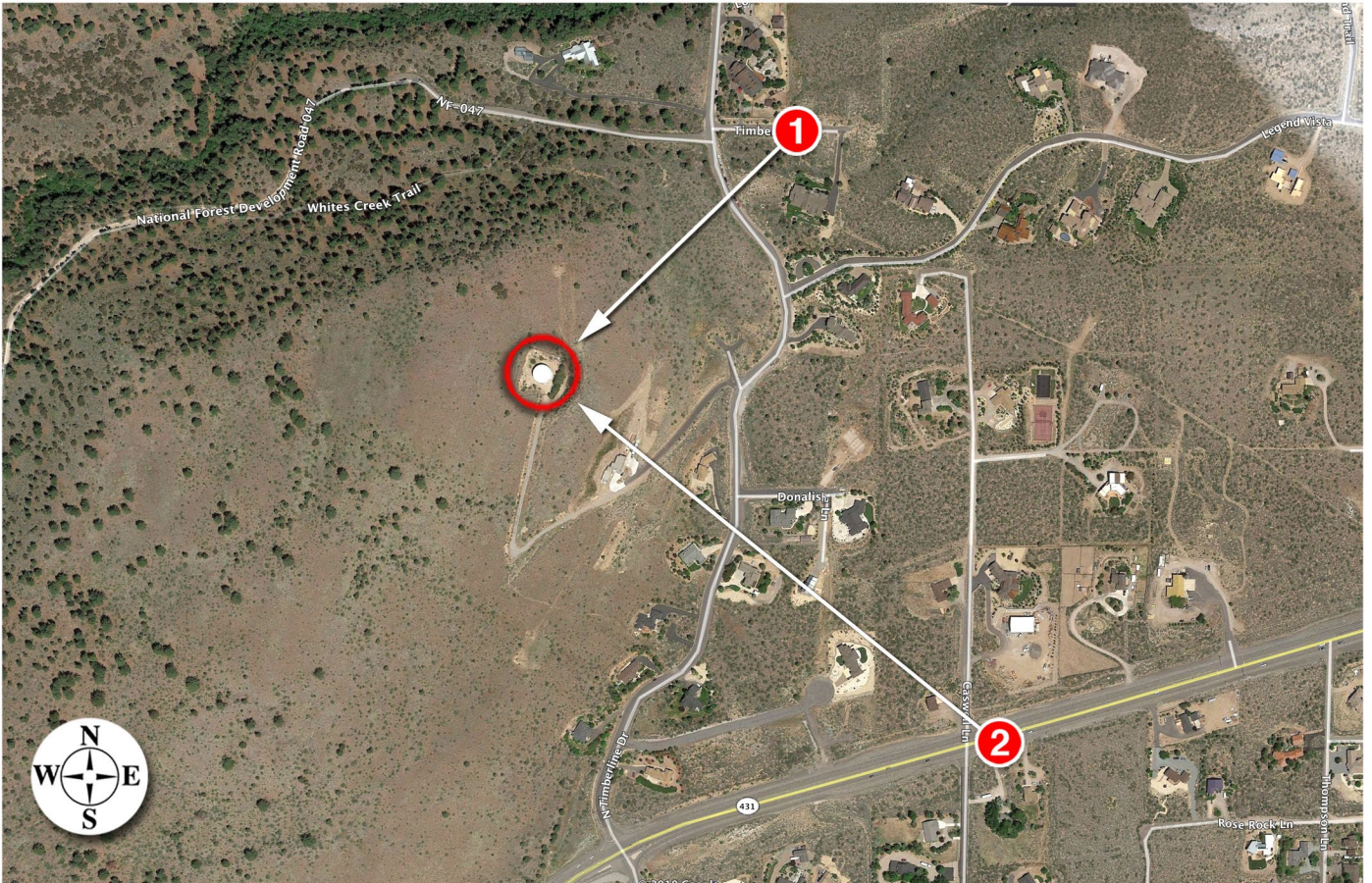
Description:

Situs: 16125 N TIMBERLINE DR

This is a courtesy notice. If you have an impound account through your lender or are not sure if you have an impound account and need more information, please contact your lender directly. Please submit payment for the remaining amount(s) according to the due dates shown. Always include your PIN number with your payment. Please visit our website: www.washoecounty.us/treas

Current Charges									
PIN	Year	Bill Number	Inst	Due Date	Charges	Interest	Pen/Fees	Paid	Balance
04907041	2018	2018063006	1	08/20/2018	0.00	0.00	0.00	0.00	0.00
Current Year Totals					0.00	0.00	0.00	0.00	0.00

Prior Years							
PIN	Year	Bill Number	Charges	Interest	Pen/Fees	Paid	Balance
Prior Years Total							





Existing



proposed antennas

Proposed



Existing



proposed antennas

Proposed



Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: NSAC, LLC

ATTN: GOVERNMENT AFFAIRS
 NSAC, LLC
 12502 SUNRISE VALLEY DRIVE, M/S: VARESA0209
 RESTON, VA 20196

Call Sign B372	File Number
Radio Service BR - Broadband Radio Service	
Regulatory Status Common Carrier	

FCC Registration Number (FRN): 0003768553

Grant Date 02-26-2016	Effective Date 04-26-2018	Expiration Date 03-28-2026	Print Date 04-27-2018
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Geographic Service Area: BTA 372 Reno, NV

Channel Plan:	Channel Number:	Frequency:
New	BRS1	002496.00000000 - 002502.00000000 MHz
New	BRS2	002618.00000000 - 002624.00000000 MHz
New	E1	002624.00000000 - 002629.50000000 MHz
New	E2	002629.50000000 - 002635.00000000 MHz
New	E3	002635.00000000 - 002640.50000000 MHz
New	E4	002608.00000000 - 002614.00000000 MHz
New	F1	002640.50000000 - 002646.00000000 MHz
New	F2	002646.00000000 - 002651.50000000 MHz
New	F3	002651.50000000 - 002657.00000000 MHz
New	F4	002602.00000000 - 002608.00000000 MHz
New	H1	002657.00000000 - 002662.50000000 MHz
New	H2	002662.50000000 - 002668.00000000 MHz
New	H3	002668.00000000 - 002673.50000000 MHz

Conditions:
 Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at <http://wireless.fcc.gov/uls/index.htm?job=home> and select "License Search". Follow the instructions on how to search for license information.

Waivers/Conditions:

Grant of the request to update licensee name is conditioned on it not reflecting an assignment or transfer of control (see Rule 1.948); if an assignment or transfer occurred without proper notification or FCC approval, the grant is void and the station is licensed under the prior name.

License renewal granted on a conditional basis, subject to the outcome of FCC proceeding WT Docket No. 10-112 (see FCC 10-86, paras. 113 and 126).

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This is not an official FCC license. It is a record of public information contained in the FCC's licensing database on the date that this reference copy was generated. In cases where FCC rules require the presentation, posting, or display of an FCC license, this document may not be used in place of an official FCC license.



**Federal Communications Commission
Wireless Telecommunications Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: NEXTEL WEST CORP.

ATTN: GOVERNMENT AFFAIRS
NEXTEL WEST CORP.
12502 SUNRISE VALLEY DRIVE, M/S: VARESA0209
RESTON, VA 20196

Call Sign WPOH360	File Number 0008197688
Radio Service YH - SMR, 806-821/851-866 MHz, Auctioned (Rebanded YC license)	

FCC Registration Number (FRN): 0001608363

Grant Date 07-13-2018	Effective Date 07-13-2018	Expiration Date 06-17-2028	Print Date 07-14-2018
Market Number BEA151	Channel Block X	Sub-Market Designator 0	
Market Name Reno, NV-CA			
1st Build-out Date 06-17-2001	2nd Build-out Date 06-17-2003	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

Grant of the request to update licensee name is conditioned on it not reflecting an assignment or transfer of control (see Rule 1.948); if an assignment or transfer occurred without proper notification or FCC approval, the grant is void and the station is licensed under the prior name.

License renewal granted on a conditional basis, subject to the outcome of FCC proceeding WT Docket No. 10-112 (see FCC 10-86, paras. 113 and 126).

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Licensee Name: NEXTEL WEST CORP.

Call Sign: WPOH360

File Number: 0008197688

Print Date: 07-14-2018

1. Sprint will provide appropriate co-channel protection to incumbent licensees pursuant to Section 90.621(b) of the Commission's co-channel protection rules. 2. Sprint will provide adjacent-channel protection in accordance with the standard adopted by the Commission in the 800 MHz Second Memorandum Opinion and Order based on the petition filed by NPSPAC Region 8 (New York Metropolitan Area). 3. Sprint will not use and will protect the five nationwide mutual aid channels in the 821-824/866-869 MHz band in each NPSPAC region in which it operates until rebanding is complete in that region. 4. At least 60 days prior to initiating service in the 821-824/866-869 MHz band pursuant to its modified EA licenses, Sprint must provide written notification to every NPSPAC licensee in the affected NPSPAC region(s), at the contact address listed in ULS, that it intends to use its modified licenses to operate in the 821-824/866-869 MHz band. In addition, Sprint must provide the same written notification to the Regional Planning Coordinator(s) for the affected NPSPAC region(s). 5. Sprint will notify the administrator of the CTIA interference website of any new geographic areas in which Sprint deploys facilities in the 821-824/866-869 MHz band. 6. In the event of an interference complaint, Sprint Nextel will strictly adhere to the Commission's mandated interference response timelines and requirements specified in Section 90.674 of the Commission's rules. 7. Until the conclusion of band "reconfiguration in the affected NPSPAC region(s), Sprint will protect public safety systems in the 821-824/866-869 MHz band in accordance with the "interim" interference standard specified by the Commission in the 800 MHz Supplemental Order." In addition, Sprint Nextel will employ the additional protection methods identified in the 800 MHz Supplemental Order to protect public safety systems in the 821-824/866-869 MHz band that do not meet the signal strength threshold under Commission's interim rule but that do meet the threshold under the Commission's final interference rules. * For complete text of applicable conditions, see DA 08-1074.

Waiver of Section 90.209(b)(7) is granted pursuant to Letter Order dated June 23, 2014, DA 14-866. Licensee must comply with the provisions listed in the Letter Order of June 23, 2014.

Licensee Name: NEXTEL WEST CORP.

Call Sign: WPOH360

File Number: 0008197688

Print Date: 07-14-2018

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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**Federal Communications Commission
Wireless Telecommunications Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: NEXTEL WEST CORP.

ATTN: GOVERNMENT AFFAIRS
NEXTEL WEST CORP.
12502 SUNRISE VALLEY DRIVE, M/S: VARESA0209
RESTON, VA 20196

Call Sign WQKS971	File Number 0008219298
Radio Service CY - 1910-1915/1990-1995 MHz Bands, Market Area	

FCC Registration Number (FRN): 0001608363

Grant Date 05-16-2017	Effective Date 05-21-2018	Expiration Date 03-03-2026	Print Date 05-22-2018
Market Number BEA151	Channel Block G	Sub-Market Designator 2	
Market Name Reno, NV-CA			
1st Build-out Date 03-03-2016	2nd Build-out Date	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

This authorization is conditioned on licensee's continued compliance with license conditions adopted by the Commission in the 800 MHz public safety proceeding, WT Docket 02-55, including but not limited to conditions contained in paragraphs 346, 351, 352, 355, 356 of Improving Public Safety Communications in the 800 MHz Band, Report and Order, Fifth Report and Order, Fourth Memorandum Opinion and Order, and Order, 19 FCC Rcd 14969 (2004); as amended by Erratum, WT Docket No. 02-55 (rel. Sept. 10, 2004) and Second Erratum, 19 FCC Rcd 19651 (2004) and Third Erratum, 19 FCC Rcd 21818 (2004). Provided, however, that effective October 1, 2014, the licensee need not comply with paragraph 331 of said 800 MHz Report and Order but only to the extent that said paragraph provides that: At no time during the life of the letter(s) of credit shall the balance fall below \$850 million.

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

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Licensee Name: NEXTEL WEST CORP.

Call Sign: WQKS971

File Number: 0008219298

Print Date: 05-22-2018

License renewal granted on a conditional basis, subject to the outcome of FCC proceeding WT Docket No. 10-112 (see FCC 10-86, paras. 113 and 126).

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Licensee Name: NEXTEL WEST CORP.

Call Sign: WQKS971

File Number: 0008219298

Print Date: 05-22-2018

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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Official Corp



Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: SPRINT SPECTRUM L.P.

ATTN: GOVERNMENT AFFAIRS
 SPRINT SPECTRUM L.P.
 12502 SUNRISE VALLEY DRIVE, M/S; VARESA0209
 RESTON, VA 20196

Call Sign KNLF208	File Number 0007646586
Radio Service CW - PCS Broadband	

FCC Registration Number (FRN): 0005072970

Grant Date 07-14-2015	Effective Date 02-02-2017	Expiration Date 06-23-2025	Print Date 02-03-2017
Market Number MTA004	Channel Block A	Sub-Market Designator 15	
Market Name San Francisco-Oakland-San Jose			
1st Build-out Date 06-23-2000	2nd Build-out Date 06-23-2005	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

License renewal granted on a conditional basis, subject to the outcome of FCC proceeding WT Docket No. 10-112 (see FCC 10-86, paras. 113 and 126).

Conditions:

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**PROJECT: ANTENNA RELOCATION / DO MACRO UPGRADE
MARKET: UPPER VALLEY**

**SF03UB750-A - UBIQUITEL - WATERTANK 431
16125 N TIMBERLINE DR
RENO, NV 89511**

**UBIQUITEL -
WATERTANK
431**

SF03UB750-A
16125 N TIMBERLINE DR
RENO, NV 89511

ISSUE STATUS

Δ	DATE	DESCRIPTION	BY	CHK
	08/22/18	ZD 90X		
	08/28/18	ZD 100R		

DRAWN BY: J. SMITH
CHECKED BY: S. SAVIG
APPROVED BY: --
DATE: 08/28/18

Streamline Engineering
Civil Design, Inc.

8445 Sierra College Blvd, Suite E Granite Bay, CA 95746
Project: Larry Hoagerty Phone: 916-846-3344
E-Mail: larry@streamlineeng.com Fax: 916-846-3344

Streamline Engineering, Inc. is an Equal Opportunity Employer. We are an Equal Opportunity Employer. We are an Equal Opportunity Employer. We are an Equal Opportunity Employer. We are an Equal Opportunity Employer.

**PRELIMINARY:
NOT FOR
CONSTRUCTION**

KEVIN R. SORENSEN
54469

**12657 ALCOSTA BLVD SUITE 300
SAN RAMON, CA 94583**

PROJECT DESCRIPTION

- A MODIFICATION TO AN (E) UNMANNED SPRINT TELECOMMUNICATION FACILITY CONSISTING OF:
 - REMOVING & REPLACING (4) (E) SPRINT ANTENNAS W/ (4) (P) SPRINT ANTENNAS ON (P) 40' CELLBLOCK TOWER
 - INSTALLING (2) (P) 2.5 GHZ RRU UNITS TO (P) 40' CELLBLOCK TOWER
 - INSTALLING (4) (P) JUNCTION CYLINDERS TO (P) 40' CELLBLOCK TOWER
 - RELOCATING (2) (E) 800 MHZ RRU UNITS TO (P) 40' CELLBLOCK TOWER
 - RELOCATING (2) (E) 1900 MHZ RRU UNITS TO (P) 40' CELLBLOCK TOWER
 - REMOVING (E) ANTENNA MOUNTS FROM (E) TANK
 - INSTALLING (3) (P) HYBRID CABLES

PROJECT INFORMATION

SITE NAME:	UBIQUITEL - WATERTANK 431	SITE #:	SF03UB750-A
COUNTY:	WASHOE	JURISDICTION:	WASHOE COUNTY
APN:	49-07-041	POWER:	SPPC
SITE ADDRESS:	16125 N TIMBERLINE DR RENO, NV 89511	TELEPHONE:	AT&T
CURRENT ZONING:	-		
CONSTRUCTION TYPE:	V-B		
OCCUPANCY TYPE:	U, (UNMANNED COMMUNICATIONS FACILITY)		
PROPERTY OWNER:	WASHOE COUNTY WATER AUTHORITY		
APPLICANT:	12657 ALCOSTA BLVD SUITE 300 SAN RAMON, CA 94583		
LEASING CONTACT:	ATTN: BRIGITTE PORTER (916) 660-1930		
ZONING CONTACT:	ATTN: BRIGITTE PORTER (209) 660-1930		
CONSTRUCTION CONTACT:	ATTN: ADAM MATTESSON (530) 559-0919		
LATITUDE:	N 39° 22' 52.21" NAD 83 N 39.381169° NAD 83		
LONGITUDE:	W 119° 50' 23.29" NAD 83 W 119.839803° NAD 83		
AMSL:	±6087'		

VICINITY MAP



DRIVING DIRECTIONS

FROM: 12657 ALCOSTA BLVD SUITE 300, SAN RAMON, CA 94583
TO: 16125 N TIMBERLINE DR, RENO, NV 89511

- HEAD SOUTHEAST ON ALCOSTA BLVD 0.7 MI
- TURN RIGHT ONTO BOLLINGER CANYON RD 0.7 MI
- USE THE RIGHT 2 LANES TO MERGE ONTO I-680 N VIA THE RAMP TO SACRAMENTO 0.3 MI
- MERGE ONTO I-680 N 10.6 MI
- KEEP LEFT TO STAY ON I-680 N 5.0 MI
- KEEP LEFT AT THE FORK TO STAY ON I-680 N 14.4 MI
- KEEP LEFT AT THE FORK TO CONTINUE ON I-680 5.9 MI
- USE ANY LANE TO TAKE EXIT 71A TOWARD I-80 E/SACRAMENTO 0.4 MI
- MERGE ONTO I-80 E 29.0 MI
- KEEP LEFT AT THE FORK TO STAY ON I-80 E 12.1 MI
- KEEP RIGHT AT THE FORK TO STAY ON I-80 E, FOLLOW SIGNS FOR RENO 137 MI
- USE THE RIGHT 2 LANES TO TAKE EXIT 15 TO MERGE ONTO I-580 S/US-395 S TOWARD CARSON CITY 10.7 MI
- USE THE RIGHT 2 LANES TO TAKE EXIT 56 TO MERGE ONTO NV-431 W/MT ROSE HWY 0.6 MI
- MERGE ONTO NV-431 W/MT ROSE HWY 4.5 MI
- TURN RIGHT ONTO N TIMBERLINE DR 0.3 MI
- TURN LEFT ONTO TIMBERLINE VIEW CT 144 FT

END AT: 16125 N TIMBERLINE DR, RENO, NV 89511
ESTIMATED TIME: 3 HOURS 35 MINUTES ESTIMATED DISTANCE: 232 MILES

CODE COMPLIANCE

ALL WORK & MATERIALS SHALL BE PERFORMED & INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES:

- 2009 INTERNATIONAL BUILDING CODE WITH APPENDICES C, E, F, G, H, I, AND J AND NECESSARY ADMINISTRATIVE PROVISIONS AND NECESSARY ADMINISTRATIVE PROVISIONS
 - 2009 INTERNATIONAL RESIDENTIAL CODE WITH THE EXCEPTIONS OF CHAPTERS 11-42 BUT WITH APPENDICES H AND K, AND NECESSARY ADMINISTRATIVE PROVISIONS
 - 2009 INTERNATIONAL ENERGY CONSERVATION CODE AND NECESSARY ADMINISTRATIVE PROVISIONS
 - 2009 UNIFORM PLUMBING CODE WITH APPENDICES A, B, D, E, I, L, AND NECESSARY ADMINISTRATIVE PROVISIONS
 - 2009 UNIFORM MECHANICAL CODE WITH APPENDICES A, B, C, D, AND NECESSARY ADMINISTRATIVE PROVISIONS
 - 2008 NATIONAL ELECTRICAL CODE AND NECESSARY ADMINISTRATIVE PROVISIONS
 - 2009 INTERNATIONAL FIRE CODE AND NECESSARY ADMINISTRATIVE PROVISIONS
 - LOCAL BUILDING CODES
 - CITY/COUNTY ORDINANCES
 - ANSI/EIA-TIA-222-G
- ALONG WITH ANY OTHER APPLICABLE LOCAL & STATE LAWS AND REGULATIONS.

SHEET INDEX

SHEET	DESCRIPTION	REV
T-1	TITLE SHEET	--
T-2	NOTES	--
A-1	OVERALL SITE PLAN	--
A-2	SITE PLAN	--
A-3	EQUIPMENT PLAN	--
A-4	ANTENNA PLANS & DETAILS	--
A-5	ELEVATIONS	--
A-6	ELEVATIONS	--

APPROVAL

RF
LEASING
ZONING
CONSTRUCTION

SHEET TITLE:

TITLE

SHEET NUMBER:

T-1

**UBIQUITEL -
WATERTANK
431**

SF03UB750-A
16125 N TIMBERLINE DR
RENO, NV 89511

ISSUE STATUS

Δ	DATE	DESCRIPTION	REV.
	08/22/18	ZD 90%	M.H.
	08/28/18	ZD 100%	P.S.
	-	-	-
	-	-	-
	-	-	-

DRAWN BY: J. SMITH

CHECKED BY: S. SAVIG

APPROVED BY: -

DATE: 08/28/18



Streamline Engineering
Civil Design, Inc.
8446 Sierra College Blvd, Suite E Granite Bay, CA 95746
Contact: Larry Houghton Phone: 916-603-1844
E-Mail: larry@streamlineeng.com Fax: 916-603-1844

REGISTERED PROFESSIONAL ENGINEER - CIVIL No. 44200
REGISTERED PROFESSIONAL ENGINEER - ELECTRICAL No. 44200
REGISTERED PROFESSIONAL ENGINEER - MECHANICAL No. 44200
REGISTERED PROFESSIONAL ENGINEER - SANITARY No. 44200
REGISTERED PROFESSIONAL ENGINEER - STRUCTURAL No. 44200
REGISTERED PROFESSIONAL ENGINEER - WATER No. 44200
REGISTERED PROFESSIONAL ENGINEER - WIND No. 44200
REGISTERED PROFESSIONAL ENGINEER - GEOTECHNICAL No. 44200
REGISTERED PROFESSIONAL ENGINEER - MARINE No. 44200
REGISTERED PROFESSIONAL ENGINEER - METEOROLOGICAL No. 44200
REGISTERED PROFESSIONAL ENGINEER - AERONAUTICAL No. 44200
REGISTERED PROFESSIONAL ENGINEER - ACOUSTICAL No. 44200
REGISTERED PROFESSIONAL ENGINEER - CHEMICAL No. 44200
REGISTERED PROFESSIONAL ENGINEER - INDUSTRIAL No. 44200
REGISTERED PROFESSIONAL ENGINEER - NUCLEAR No. 44200
REGISTERED PROFESSIONAL ENGINEER - POLYMER No. 44200
REGISTERED PROFESSIONAL ENGINEER - TRANSPORTATION No. 44200
REGISTERED PROFESSIONAL ENGINEER - ENVIRONMENTAL No. 44200
REGISTERED PROFESSIONAL ENGINEER - FOOD No. 44200
REGISTERED PROFESSIONAL ENGINEER - BIOMEDICAL No. 44200
REGISTERED PROFESSIONAL ENGINEER - AEROSPACE No. 44200
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REGISTERED PROFESSIONAL ENGINEER - FOOD No. 44200
REGISTERED PROFESSIONAL ENGINEER - BIOMEDICAL No. 44200
REGISTERED PROFESSIONAL ENGINEER - AEROSPACE No. 44200

**PRELIMINARY:
NOT FOR
CONSTRUCTION**

KEVIN R. SORENSEN
S4469



12867 AL COSTA BLVD SUITE 300
SAN RAMON, CA 94583

SHEET TITLE:

NOTES

SHEET NUMBER:

T-2

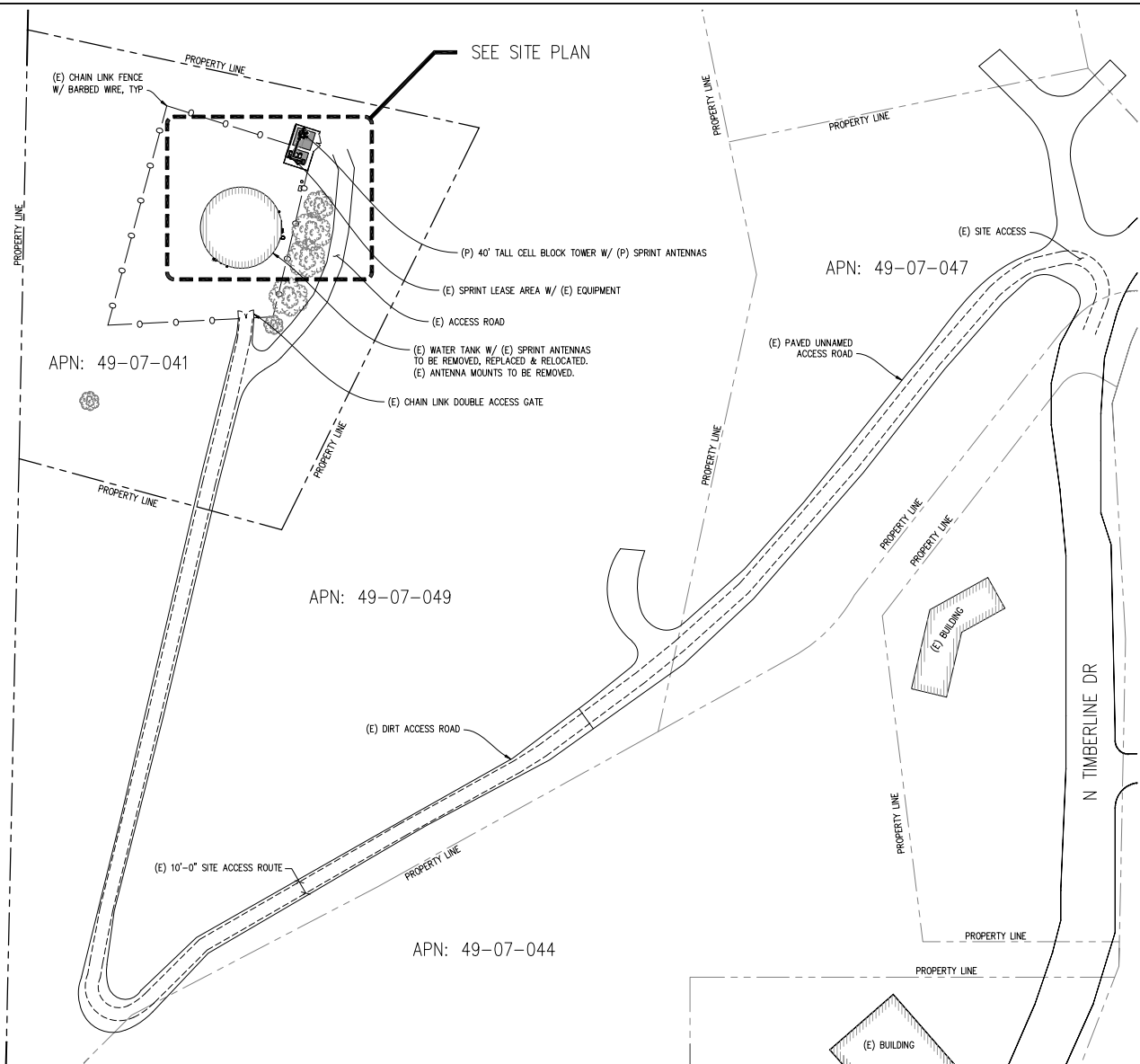
IFC CHAPTER 6 COMPLIANCE

TOTAL ELECTROLYTE= 16 BATTERIES X 2.49 GAL/BATTERY = 39.84 GAL

(SINCE LESS THAN 50 GAL OF
ELECTROLYTE, CFC CHAPTER 6,
SECTION 608 NOT APPLICABLE)

BATTERY INFORMATION (BATTERY ELECTROLYTE DATA-12V MONOBLOCKS)

BATTERY MODEL	TOTAL # OF BATTERY UNITS INSTALLED	TOTAL ELECTROLYTE VOLUME(GAL) PER UNIT	TOTAL ELECTROLYTE WEIGHT (LBS) PER UNIT	% SULFURIC ACID BY VOL =	ACID VOLUME/UNIT ELECTROLYTE VOLUME/UNIT
NARADA 12NDT190	16	2.49 GAL	27.25 LBS	58%	1.45 GAL/2.49 GAL
$\% \text{ SULFURIC ACID BY WEIGHT} = \frac{\text{TOTAL ACID WEIGHT}}{\text{TOTAL ELECTROLYTE WEIGHT}}$		$\text{TOTAL SULFURIC VOLUME (GAL)} = \frac{\text{TOTAL UNITS X SULFURIC VOLUME/UNITS}}{\text{TOTAL UNITS X SULFURIC VOLUME/UNITS}}$		$\text{TOTAL SULFURIC WEIGHT (LBS)} = \frac{\text{TOTAL UNITS X ACID WEIGHT/UNIT}}{\text{TOTAL UNITS X ACID WEIGHT/UNIT}}$	
40.8% = 177.92 LBS/436 LBS		23.2 GAL = 16 UNITS X 1.45 GAL/UNIT		177.92 LBS = 16 UNITS X 11.12 LBS	
BATTERY DATA CHART					



OVERALL SITE PLAN
 1"=40'-0"
 0 20' 40' 80' 120' 200'

UBIQUITEL - WATERTANK 431

SF03UB750-A
 16125 N TIMBERLINE DR
 RENO, NV 89511

ISSUE STATUS

DATE	DESCRIPTION	REV	BY
08/22/18	ZD 3005		
08/28/18	ZD 1000R		
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

DRAWN BY: J. SMITH
 CHECKED BY: S. SAVIG
 APPROVED BY: -
 DATE: 08/28/18

Streamline Engineering
EMM DESIGN, INC.

8446 Sierra College Blvd, Suite E Granite Bay, CA 95746
 Project: Larry Hougherty Phone: 916-463-3848
 E-Mail: larry@streamlineeng.com Fax: 916-463-3844

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 CONSTRUCTION**

KEVIN R. SORENSEN
 S4469

sprint

1287 ALICOSTA BLVD SUITE 300
 SAN RAMON, CA 94583

SHEET TITLE:
 OVERALL SITE PLAN

SHEET NUMBER:
 A-1

**UBIQUITEL -
WATERTANK
431**

SF03UB750-A
16125 N TIMBERLINE DR
RENO, NV 89511

ISSUE STATUS

DATE	DESCRIPTION	M.H.
08/22/18	ZD 300K	
08/28/18	ZD 1000K	P.S.
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-	-	-
-	-	-
-	-	-

DRAWN BY: J. SMITH
CHECKED BY: S. SAVIG
APPROVED BY: -
DATE: 08/28/18

Streamline Engineering
Civil Design, Inc.

8446 Sierra College Blvd. Suite E Granite Bay, CA 95746
 Project: Larry Houglity Phone: 916-916-4600
 E-Mail: larry@streamlineeng.com Fax: 916-916-1944

REGISTERED PROFESSIONAL ENGINEER - CIVIL No. 45827
 REGISTERED PROFESSIONAL LANDSCAPE ARCHITECT No. 10000
 REGISTERED PROFESSIONAL ARCHITECT No. 10000
 REGISTERED PROFESSIONAL ELECTRICAL ENGINEER No. 45827
 REGISTERED PROFESSIONAL MECHANICAL ENGINEER No. 45827
 REGISTERED PROFESSIONAL CHEMICAL ENGINEER No. 45827
 REGISTERED PROFESSIONAL CIVIL ENGINEER No. 45827
 REGISTERED PROFESSIONAL ENVIRONMENTAL ENGINEER No. 45827
 REGISTERED PROFESSIONAL GEOTECHNICAL ENGINEER No. 45827
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 REGISTERED PROFESSIONAL METALLURGICAL ENGINEER No. 45827
 REGISTERED PROFESSIONAL NUCLEAR ENGINEER No. 45827
 REGISTERED PROFESSIONAL PETROLEUM ENGINEER No. 45827
 REGISTERED PROFESSIONAL SURVEYING ENGINEER No. 45827
 REGISTERED PROFESSIONAL THERMAL ENGINEER No. 45827
 REGISTERED PROFESSIONAL TRANSPORTATION ENGINEER No. 45827
 REGISTERED PROFESSIONAL WATERSUPPLY ENGINEER No. 45827
 REGISTERED PROFESSIONAL WASTE ENGINEER No. 45827
 REGISTERED PROFESSIONAL WIND ENGINEER No. 45827
 REGISTERED PROFESSIONAL WOOD ENGINEER No. 45827
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 REGISTERED PROFESSIONAL BIOMECHANICAL ENGINEER No. 45827
 REGISTERED PROFESSIONAL BIOPHARMACEUTICALS ENGINEER No. 45827
 REGISTERED PROFESSIONAL BIOTECHNOLOGY ENGINEER No. 45827
 REGISTERED PROFESSIONAL BIOMEDICAL DEVICES ENGINEER No. 45827
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 REGISTERED PROFESSIONAL BIOMEDICAL TEST ENGINEER No. 45827
 REGISTERED PROFESSIONAL BIOMEDICAL TRAINING ENGINEER No. 45827
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 REGISTERED PROFESSIONAL BIOMEDICAL MARKETING ENGINEER No. 45827
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 REGISTERED PROFESSIONAL BIOMEDICAL SERVICE ENGINEER No. 45827
 REGISTERED PROFESSIONAL BIOMEDICAL SUPPORT ENGINEER No. 45827

PRELIMINARY:
NOT FOR
CONSTRUCTION

KEVIN R. SORENSEN
S4469



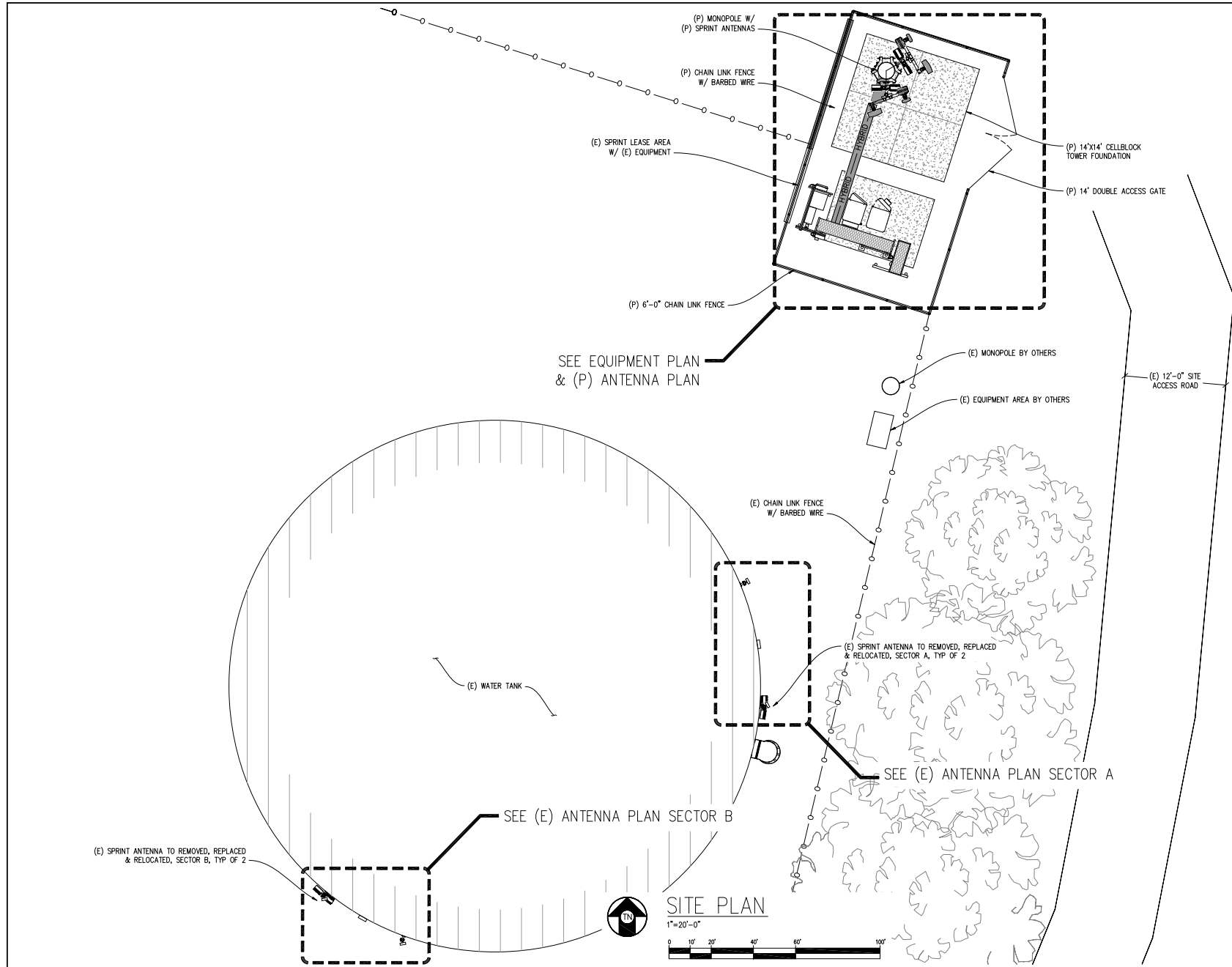
12867 ALICOSTA BLVD SUITE 300
SAN RAMON, CA 94583

SHEET TITLE:

SITE PLAN

SHEET NUMBER:

A-2



**UBIQUITEL -
WATERTANK
431**

SF03UB750-A
16125 N TIMBERLINE DR
RENO, NV 89511

ISSUE STATUS

DATE	DESCRIPTION	BY
08/22/18	2D 30% M.H.	
08/28/18	2D 100% P.S.	
-	-	-
-	-	-
-	-	-
-	-	-

DRAWN BY: J. SMITH
CHECKED BY: S. SAVIG
APPROVED BY: -
DATE: 08/28/18

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Civil Design, Inc.

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E-Mail: larry@streamlineeng.com Fax: 916-463-9344

REGISTERED PROFESSIONAL ENGINEER - CIVIL No. 45822
REGISTERED PROFESSIONAL ENGINEER - ELECTRICAL No. 45822
REGISTERED PROFESSIONAL ENGINEER - MECHANICAL No. 45822
REGISTERED PROFESSIONAL ENGINEER - SANITARY No. 45822
REGISTERED PROFESSIONAL ENGINEER - STRUCTURAL No. 45822
REGISTERED PROFESSIONAL ENGINEER - WATER RESOURCES No. 45822
REGISTERED PROFESSIONAL ENGINEER - WIND No. 45822
REGISTERED PROFESSIONAL ENGINEER - GEOTECHNICAL No. 45822
REGISTERED PROFESSIONAL ENGINEER - TRANSPORTATION No. 45822
REGISTERED PROFESSIONAL ENGINEER - ENVIRONMENTAL No. 45822
REGISTERED PROFESSIONAL ENGINEER - METEOROLOGICAL No. 45822
REGISTERED PROFESSIONAL ENGINEER - AERONAUTICAL No. 45822
REGISTERED PROFESSIONAL ENGINEER - AEROSPACE No. 45822
REGISTERED PROFESSIONAL ENGINEER - CHEMICAL No. 45822
REGISTERED PROFESSIONAL ENGINEER - METALLURGICAL No. 45822
REGISTERED PROFESSIONAL ENGINEER - NUCLEAR No. 45822
REGISTERED PROFESSIONAL ENGINEER - OCEANOGRAPHIC No. 45822
REGISTERED PROFESSIONAL ENGINEER - POLYMER No. 45822
REGISTERED PROFESSIONAL ENGINEER - RADIATION No. 45822
REGISTERED PROFESSIONAL ENGINEER - THERMAL No. 45822
REGISTERED PROFESSIONAL ENGINEER - VIBRATION No. 45822
REGISTERED PROFESSIONAL ENGINEER - WIND No. 45822
REGISTERED PROFESSIONAL ENGINEER - WIND No. 45822
REGISTERED PROFESSIONAL ENGINEER - WIND No. 45822

**PRELIMINARY:
NOT FOR
CONSTRUCTION**

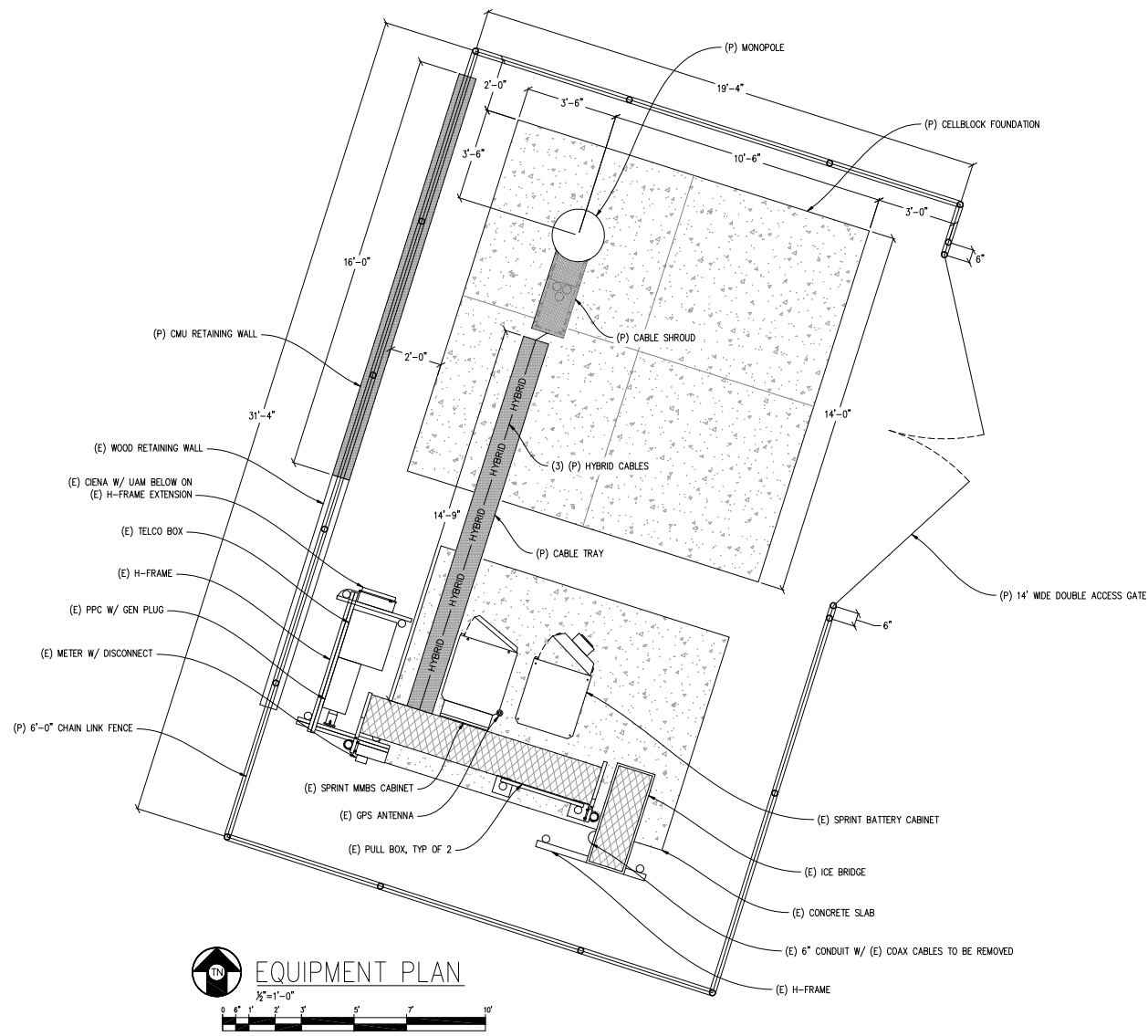
KEVIN R. SORENSEN
S4469

sprint

12857 ALICOSTA BLVD SUITE 300
SAN RAMON, CA 94583

SHEET TITLE:
EQUIPMENT PLAN

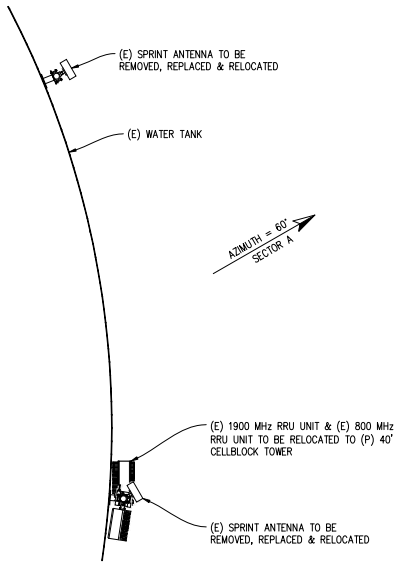
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A-3



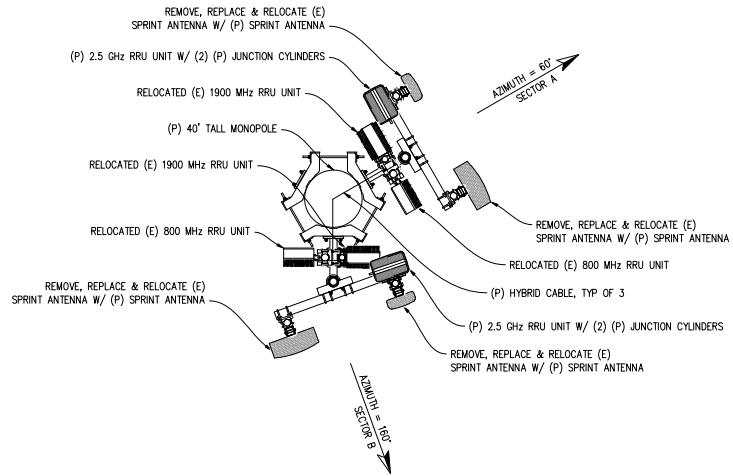
EQUIPMENT PLAN

1/2"=1'-0"

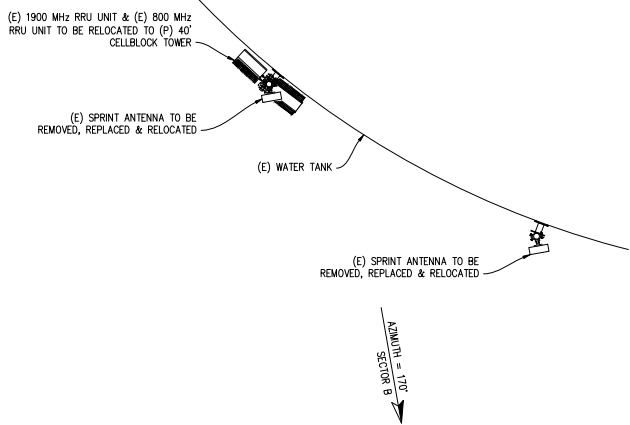
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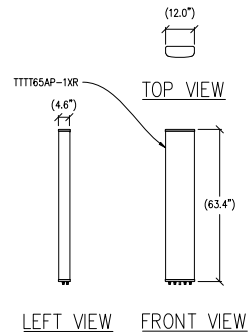
(E) ANTENNA PLAN A
 $\frac{1}{2}''=1'-0''$



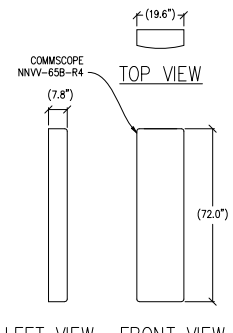
(P) ANTENNA PLAN
 $\frac{1}{2}''=1'-0''$



(E) ANTENNA PLAN B
 $\frac{1}{2}''=1'-0''$



1 ANTENNA DETAIL
 $\frac{1}{2}''=1'-0''$ MAX WEIGHT: 33.3 LBS



2 ANTENNA DETAIL
 $\frac{1}{2}''=1'-0''$ MAX WEIGHT: 77.4 LBS

UBIQUITEL - WATERTANK 431

SF03UB750-A
 16125 N TIMBERLINE DR
 RENO, NV 89511

ISSUE STATUS

DATE	DESCRIPTION	M.H.
08/22/18	ZD 340K	
08/28/18	ZD 100K P.S.	
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-	-	-
-	-	-
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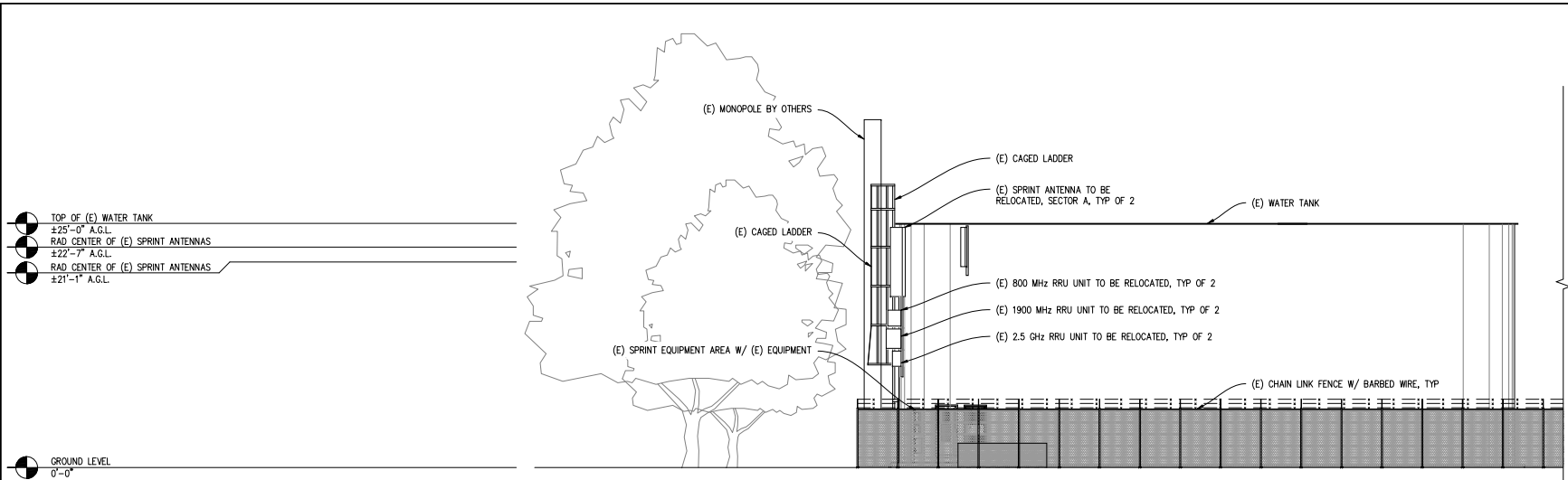
DRAWN BY: J. SMITH
 CHECKED BY: S. SAVIG
 APPROVED BY: -
 DATE: 08/28/18

Streamline Engineering
EM DESIGN, INC.
 8446 Sierra College Blvd, Suite E Granite Bay, CA 95746
 Product: Larry Hougherty Phone: 916-603-1848
 E-Mail: larry@streamlineeng.com Fax: 916-603-1844
REGISTERED PROFESSIONAL ENGINEER - CIVIL No. 45688
 REGISTERED PROFESSIONAL ENGINEER - ELECTRICAL No. 45688
 REGISTERED PROFESSIONAL ENGINEER - MECHANICAL No. 45688
 REGISTERED PROFESSIONAL ENGINEER - SANITARY No. 45688
 REGISTERED PROFESSIONAL ENGINEER - STRUCTURAL No. 45688
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 REGISTERED PROFESSIONAL ENGINEER - MINING No. 45688
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 REGISTERED PROFESSIONAL ENGINEER - BIOMATERIAL No. 45688
 REGISTERED PROFESSIONAL ENGINEER - NANOTECHNOLOGY No. 45688
 REGISTERED PROFESSIONAL ENGINEER - ADDITIVE MANUFACTURING No. 45688
 REGISTERED PROFESSIONAL ENGINEER - ROBOTICS No. 45688
 REGISTERED PROFESSIONAL ENGINEER - AUTOMATION No. 45688
 REGISTERED PROFESSIONAL ENGINEER - CONTROL SYSTEMS No. 45688
 REGISTERED PROFESSIONAL ENGINEER - SOFTWARE No. 45688
 REGISTERED PROFESSIONAL ENGINEER - HARDWARE No. 45688
 REGISTERED PROFESSIONAL ENGINEER - NETWORKING No. 45688
 REGISTERED PROFESSIONAL ENGINEER - SECURITY No. 45688
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 REGISTERED PROFESSIONAL ENGINEER - SPACE No. 45688

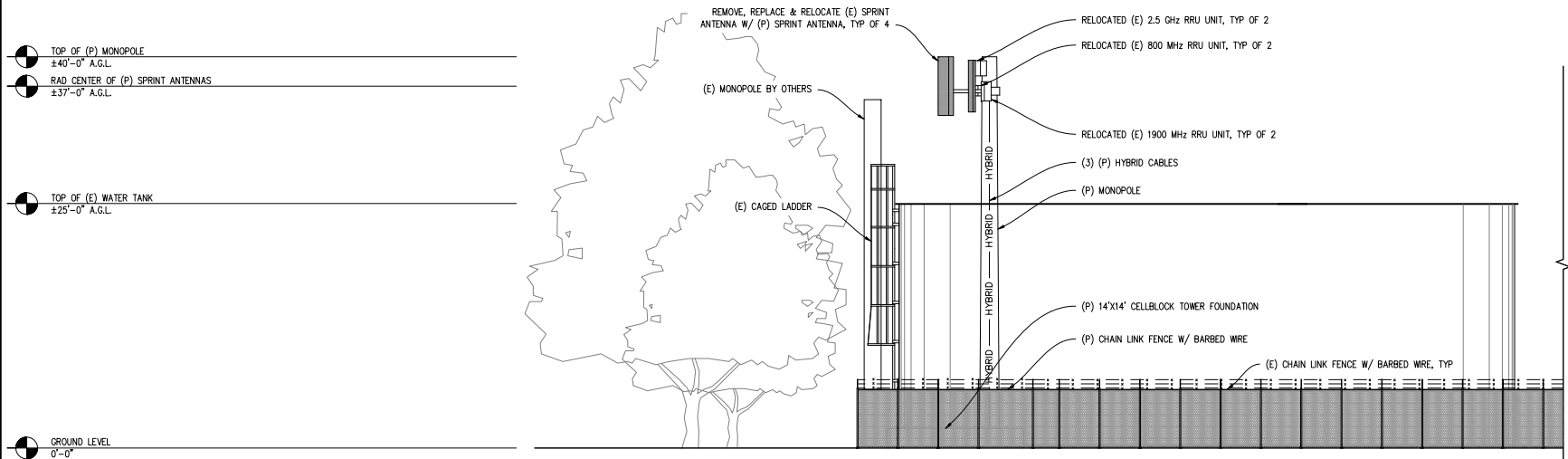
PRELIMINARY:
 NOT FOR
 CONSTRUCTION
 KEVIN R. SORENSEN
 S4469

sprint
 12867 ALICOSTA BLVD SUITE 300
 SAN RAMON, CA 94583

SHEET TITLE:
 ANTENNA PLANS & DETAILS
SHEET NUMBER:
 A-4



(E) NORTH ELEVATION
 $\frac{3}{16}'' = 1'-0''$



(P) NORTH ELEVATION
 $\frac{3}{16}'' = 1'-0''$

**UBIQUITEL -
 WATERTANK
 431**

SF03UB750-A
 16125 N TIMBERLINE DR
 RENO, NV 89511

ISSUE STATUS

Δ	DATE	DESCRIPTION	BY	CHK
	08/22/18	ZD 3005		
	08/28/18	ZD 1000R		
	-	-		
	-	-		
	-	-		

DRAWN BY: J. SMITH
 CHECKED BY: S. SAVIG
 APPROVED BY: -
 DATE: 08/28/18

Streamline Engineering
 6000 DESIGN INC.

8446 Sierra College Blvd, Suite E Granite Bay, CA 95746
 Contact: Larry Houghton Phone: 916-885-9888
 E-Mail: larry@streamlineeng.com Fax: 916-885-9844

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PRELIMINARY:
 NOT FOR
 CONSTRUCTION

KEVIN R. SORENSEN
 S4469

sprint

1287 ALICOSTA BLVD SUITE 300
 SAN RAMON, CA 94583

SHEET TITLE:
 ELEVATIONS

SHEET NUMBER:
 A-5

**UBIQUITEL -
WATERTANK
431**

SF03UB750-A
16125 N TIMBERLINE DR
RENO, NV 89511

ISSUE STATUS

Δ	DATE	DESCRIPTION	RD	NO	BY	CHKD
	08/22/18	ZD 3005				
	08/28/18	ZD 1000R				
	-	-				
	-	-				
	-	-				

DRAWN BY: J. SMITH
CHECKED BY: S. SAVIG
APPROVED BY: -
DATE: 08/28/18

Streamline Engineering
Civil Design, Inc.

8446 Sierra College Blvd, Suite E Granite Bay, CA 95746
Contact: Larry Houghton Phone: 916-603-1344
E-Mail: larry@streamlineeng.com Fax: 916-603-1344

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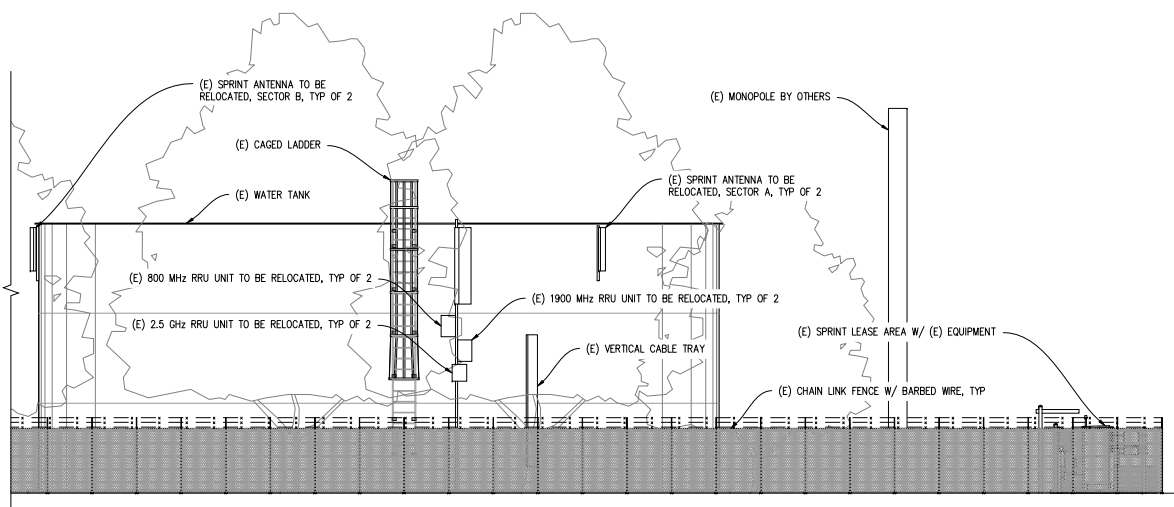
KEVIN R. SORENSEN
S4469

sprint

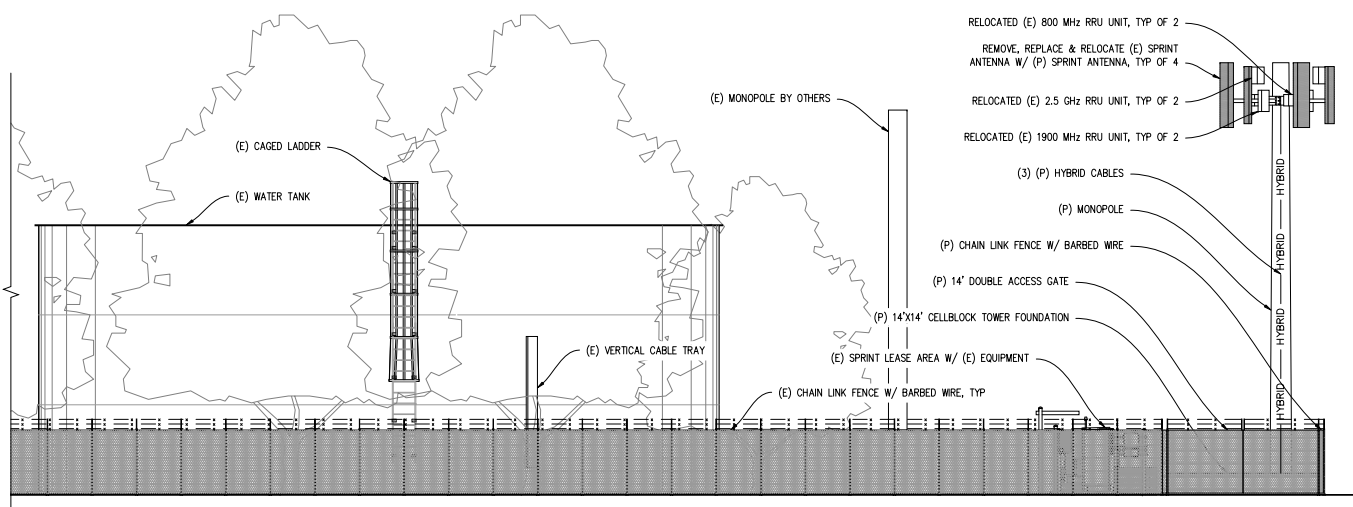
1287 ALICOSTA BLVD SUITE 300
SAN RAMON, CA 94583

SHEET TITLE:
ELEVATIONS

SHEET NUMBER:
A-6



(E) EAST ELEVATION
3/8" = 1'-0"



(P) EAST ELEVATION
3/8" = 1'-0"