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## DEPARTMENT OF RESOURCE MANAGEMENT



# SOLANO COUNTY

Planning Services Division

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## SOLANO COUNTY ZONING ADMINISTRATOR

### Staff Report MU-16-03

<b>Application No.</b> MU-16-03 (T-Mobile) <b>Project Planner:</b> Eric Wilberg, Planner Associate	<b>Meeting of November 17, 2016</b> <b>Agenda Item No. 1</b>	
<b>Applicant</b> T-Mobile Richard Hofman 22431 Antonio Pkwy, Ste B160-234 Rancho Santa Margarita	<b>Property Owner</b> Lozano Family Trust 940 West A St Dixon, CA 95620	
<b>Action Requested</b> Consideration of Minor Use MS-16-03 to co-locate wireless communications equipment on an existing 101 foot high steel lattice tower located at 6021 Lewis Road, two miles east of the City of Vacaville, within the Exclusive Agriculture "A-40" Zoning District; APN 0142-110-020.		
<b>Property Information</b>		
Size: 98.48 acres	Location: 6021 Lewis Road	
APN: 0142-110-020 (legal with 0142-110-030 and 0142-200-040)		
Zoning: Exclusive Agriculture 'A-40'	Land Use: Wireless Facility, row crop	
General Plan: Agriculture	Ag. Contract: #794	
Utilities: n/a	Access: Lewis Road	
<b>Adjacent General Plan Designation, Zoning District, and Existing Land Use</b>		
<b>General Plan</b>	<b>Zoning</b>	<b>Land Use</b>
North	Agriculture	Exclusive Agriculture 'A-40'
South	Agriculture	Exclusive Agriculture 'A-40'
East	Agriculture	Exclusive Agriculture 'A-40'
West	Traditional Community Mixed Use	Residential Traditional Community "RTC-1AC"
<b>Environmental Analysis</b> The project qualifies for a Categorical Exemption from the California Environmental Quality Act pursuant to CEQA Guidelines Section 15303, New Construction of Small Structures.		
<b>Motion to Approve</b> The Zoning Administrator does hereby ADOPT the attached resolution and APPROVE Minor Use Permit No. MU-16-03 based on the enumerated findings and subject to the recommended conditions of approval.		

## SETTING

The property is situated at the southwest corner of Holdener and Lewis Roads. The site is bound to the west by the town of Elmira and to the south by Alamo Creek. The parcel is relatively flat and consists of 98.48 acres. The site is predominantly used for agricultural row crop production. Residential development is located at the southeast corner of the lot near the existing wireless telecommunications facility.

Surrounding parcels to the north and east exhibit characteristics similar to that of the subject site and are utilized for row crop production. Residential development within the town of Elmira is immediately adjacent to the subject site to the west. The City of Vacaville's Easterly Wastewater Treatment facility is just south of Alamo Creek.

## BACKGROUND

The wireless communication facility was initially permitted September 7, 2000 via Use Permit U-00-10 which granted approval to Nextel Communications for the construction and operation of a 101-foot high steel lattice tower and associated antennae, microwave dishes, and a 200 square foot equipment structure within an approximate 3,500 square foot lease area. On April 3, 2008 the Zoning Administrator granted approval to Verizon Wireless for the co-location of additional antennae at the 73 foot elevation on the tower and associated equipment structure near the base of the tower.

## PROJECT DESCRIPTION

The project consists of co-locating T-Mobile's wireless communications equipment onto an existing 101-foot high steel lattice tower. The proposal includes (6) eight foot tall panel antennas mounted at the 90 foot elevation, (6) remote radio units (RRUs), and a 7' x 10' concrete pad with two equipment cabinets. Additional equipment includes framing, GPS antenna, pipe mounts, cabling, and a new 200 amp meter. The facility would be unmanned; however service technicians would perform maintenance on an as needed basis. A gravel area suitable for parking is provided on-site, adjacent to the existing towers and other equipment. The lease area is enclosed by existing chain link fencing with brown privacy slats and topped with barbed wire.

## ENVIRONMENTAL ANALYSIS

The project qualifies for a Categorical Exemption from the California Environmental Quality Act pursuant to CEQA Guidelines Section 15303, New Construction of Small Structures. Class 3 consists of construction and location of limited numbers of new, small facilities or structures. The Guidelines indicate that land uses which do not involve the use of significant amounts of hazardous substances, and do not exceed 2,500 square feet in floor area qualify for this exemption. The project meets these guidelines.

## LAND USE CONSISTENCY

### *General Plan and Zoning*

The property is designated Agriculture by the Solano County General Plan. As indicated on the General Plan land use consistency table (General Plan Table LU-7) the Exclusive Agriculture 'A-40' Zoning District is consistent with this designation. Pursuant to Section 28.81 of the County Zoning Regulations, a co-location of a Wireless Communication Facility is a conditionally permitted land use within this district.

Section 28.81(D) provides the general land use regulations for wireless facilities. The proposed co-location is allowed within this zoning district, requires issuance of a use permit, and is required to obtain a building permit for construction of the project. The project does not require a height increase to the existing tower.

All equipment would be located within the existing lease area and would be screened by six foot tall chain link fencing.

The applicant has also supplied a radio frequency (RF) emissions compliance report prepared by Sitesafe, Inc., which concludes that proposed project, together with the existing wireless antennas, is in compliance with Federal Communications Commission (FCC) Rules and Regulations for RF emissions.

## **RECOMMENDATION**

Staff recommends that the Zoning Administrator **ADOPT** the mandatory and suggested findings, and **APPROVE** Minor Use Permit No. MU-16-03, subject to the recommended conditions of approval.

### **MINOR USE PERMIT MANDATORY FINDINGS**

- 1. That the establishment, maintenance or operation of the use or building is in conformity to the General Plan for the County with regard to traffic circulation, population densities and distribution, and other aspects of the General Plan considered by the Zoning Administrator to be pertinent.**

The co-location of wireless communications equipment with an existing facility is consistent with the goals, objectives and policies of the Solano County Zoning Ordinance and Solano County General Plan. The project, as proposed by the applicant, along with the recommended conditions of approval are consistent with the General Plan.

- 2. Adequate utilities, access roads, drainage and other necessary facilities have been or are being provided.**

The site has existing electrical power. No domestic water and/or private septic systems are required for the unmanned facility. The site is accessed via Lewis Road.

- 3. The subject use will not, under the circumstances of this particular case, constitute a nuisance or be detrimental to the health, safety, peace, morals, comfort or general welfare of persons residing or working in or passing through the neighborhood of such proposed use or be detrimental or injurious to property and improvements in the neighborhood or to the general welfare of the County.**

As proposed, the project qualifies for an exemption from the California Environmental Quality Act. In addition, the RF emissions report prepared for the project indicates that the facility would be in compliance with applicable Federal Communications Commission Rules and Regulations for RF emissions.

### **ADDITIONAL FINDINGS**

- 4. The proposed facility complies with all applicable sub-sections of Wireless Communications Facilities, Zoning Regulations Section 28.81.**
- 5. The RF Environmental Evaluation Report for the facility shows that the cumulative Radio-frequency exposure emitted by the facility and any near-by facilities will be consistent with FCC regulations.**

This finding can be made for this project.

**6. The facility blends in with its existing environment and will not have significant visual impacts.**

As a co-location on an existing lattice tower, the visual impact will not be significant here. Moreover, the operator of the existing facility has already enclosed the lease area with a 6 ft. high, brown fence and has planted trees along the northern side of the fenced area to minimize the visual impact.

## **CONDITIONS OF APPROVAL**

- 1. The proposed wireless communication co-location shall be established in accord with the development plans titled: T-Mobile ATC Lewis Road, Site Number BA90476A, submitted with Minor Use Permit application MU-16-03, filed September 26, 2016 and as approved by the Solano County Zoning Administrator.**
- 2. All requirements of the Federal Communications Commission shall be met prior to the issuance of a building permit and during operation of the subject facility. Ground level radiation shall not exceed standards adopted by the Federal Communications Commission and the U.S. Environmental Protection Administration.**
- 3. The permittee shall take such measures as may be necessary or as may be required by the County to prevent offensive noise, lighting, dust or other impacts, which constitute a hazard or nuisance to surrounding properties.**
- 4. Upon termination or expiration of the subject use permit, the proposed wireless communication infrastructure shall be removed from the site. All obsolete or unused facilities, including concrete pads, shall be removed within 12 months of cessation of operations at the site and the area returned to natural conditions.**
- 5. Any expansion or change in the use may require a new or modified use permit and further environmental review.**
- 6. No additional uses (including outdoor storage), new or expanded buildings shall be established or constructed beyond those identified on the approved site plan without prior approval of a new permit or minor revision to the use permit.**
- 7. All requirements of the Solano County Environmental Health Services Division shall be met, including:**
  - a. The maximum potential volume of hazardous materials stored at the facility shall be calculated, and if required, the facility shall submit a hazardous materials business plan to Solano County Hazardous Materials Section.**
  - b. A chemical toilet shall be maintained at the site for the duration of the construction period.**
- 8. The permittee shall obtain approval from the Building and Safety Division prior to construction, erection, enlargement, altering, repairing, moving, improving, removing, converting, demolishing any building or structure, fence or retaining wall regulated by the Solano County Building laws. Submit four (4) sets of plans to the Building and Safety Division for plan review and permits prior to beginning any improvements.**

9. The premises shall be maintained in a neat and orderly manner and kept free of accumulated debris and junk.
10. All onsite transmission lines leading to the wireless communication lease site shall be located underground.
11. The co-located wireless communication facility is granted for a fixed term of ten (10) years and shall expire November 17, 2026. Upon expiration, issuance of a new land use permit is required should the facility continue to operate at this location.

**Attachments:**

- A – Draft Resolution
- B – Assessor's Parcel Map
- C – Development Plans
- D – Photo Simulations

## **SOLANO COUNTY ZONING ADMINISTRATOR RESOLUTION NO. XX**

**WHEREAS**, the Solano County Zoning Administrator has considered Minor Use Permit Application No. MU-16-03 of **T-Mobile** to co-locate wireless communications equipment on an existing 101 foot high steel lattice tower located at 6021 Lewis Road, 2 miles east of the City of Vacaville within the Exclusive Agricultural "A-40" Zoning District, APN: 0142-110-020, and;

**WHEREAS**, said Zoning Administrator has reviewed the report of the Department of Resource Management and heard testimony relative to the subject application at the duly noticed public hearing held on November 17, 2016, and;

**WHEREAS**, after due consideration, the Zoning Administrator has made the following findings in regard to said proposal:

- 1. That the establishment, maintenance or operation of the use or building is in conformity to the General Plan for the County with regard to traffic circulation, population densities and distribution, and other aspects of the General Plan considered by the Zoning Administrator to be pertinent.**

The co-location of wireless communications equipment with an existing facility is consistent with the goals, objectives and policies of the Solano County Zoning Ordinance and Solano County General Plan. The project, as proposed by the applicant, along with the recommended conditions of approval are consistent with the General Plan.

- 2. Adequate utilities, access roads, drainage and other necessary facilities have been or are being provided.**

The site has existing electrical power. No domestic water and/or private septic systems are required for the unmanned facility. The site is accessed via Lewis Road.

- 3. The subject use will not, under the circumstances of this particular case, constitute a nuisance or be detrimental to the health, safety, peace, morals, comfort or general welfare of persons residing or working in or passing through the neighborhood of such proposed use or be detrimental or injurious to property and improvements in the neighborhood or to the general welfare of the County.**

As proposed, the project qualifies for an exemption from the California Environmental Quality Act. In addition, the RF emissions report prepared for the project indicates that the facility would be compliance applicable Federal Communications Commission Rules and Regulations for RF emissions.

- 4. The proposed facility complies will all applicable sub-sections of Wireless Communications Facilities, Zoning Regulations Section 28.81.**

- 5. The RF Environmental Evaluation Report for the facility shows that the cumulative Radio-frequency exposure emitted by the facility and any near-by facilities will be consistent with FCC regulations.**

**ATTACHMENT A**

This finding can be made for this project.

**6. The facility blends in with its existing environment and will not have significant visual impacts.**

As a co-location on an existing lattice tower, the visual impact will not be significant here. Moreover, the operator of the existing facility has already enclosed the lease area with a 6 ft. high, brown fence and has planted trees along the northern side of the fenced area to minimize the visual impact.

**BE IT THEREFORE RESOLVED**, that the Zoning Administrator has approved Minor Use Permit Application No. MU-16-03 subject to the following recommended conditions of approval:

1. The proposed wireless communication co-location shall be established in accord with the development plans titled: T-Mobile ATC Lewis Road, Site Number BA90476A, submitted with Minor Use Permit application MU-16-03, filed September 26, 2016 and as approved by the Solano County Zoning Administrator.
2. All requirements of the Federal Communications Commission shall be met prior to the issuance of a building permit and during operation of the subject facility. Ground level radiation shall not exceed standards adopted by the Federal Communications Commission and the U.S. Environmental Protection Administration.
3. The permittee shall take such measures as may be necessary or as may be required by the County to prevent offensive noise, lighting, dust or other impacts, which constitute a hazard or nuisance to surrounding properties.
4. Upon termination or expiration of the subject use permit, the proposed wireless communication infrastructure shall be removed from the site. All obsolete or unused facilities, including concrete pads, shall be removed within 12 months of cessation of operations at the site and the area returned to natural conditions.
5. Any expansion or change in the use may require a new or modified use permit and further environmental review.
6. No additional uses (including outdoor storage), new or expanded buildings shall be established or constructed beyond those identified on the approved site plan without prior approval of a new permit or minor revision to the use permit.
7. All requirements of the Solano County Environmental Health Services Division shall be met, including:
  - a. The maximum potential volume of hazardous materials stored at the facility shall be calculated, and if required, the facility shall submit a hazardous materials business plan to Solano County Hazardous Materials Section.
  - b. A chemical toilet shall be maintained at the site for the duration of the construction period.

8. The permittee shall obtain approval from the Building and Safety Division prior to construction, erection, enlargement, altering, repairing, moving, improving, removing, converting, demolishing any building or structure, fence or retaining wall regulated by the Solano County Building laws. Submit four (4) sets of plans to the Building and Safety Division for plan review and permits prior to beginning any improvements.
9. The premises shall be maintained in a neat and orderly manner and kept free of accumulated debris and junk.
10. All onsite transmission lines leading to the wireless communication lease site shall be located underground.
11. The co-located wireless communication facility is granted for a fixed term of ten (10) years and shall expire November 17, 2026. Upon expiration, issuance of a new land use permit is required should the facility continue to operate at this location.

\* \* \* \* \*

I hereby certify that the foregoing resolution was adopted at the regular meeting of the Solano County Zoning Administrator on November 17, 2016.

BILL EMLEN, DIRECTOR  
RESOURCE MANAGEMENT

Michael Yankovich  
Planning Program Manager

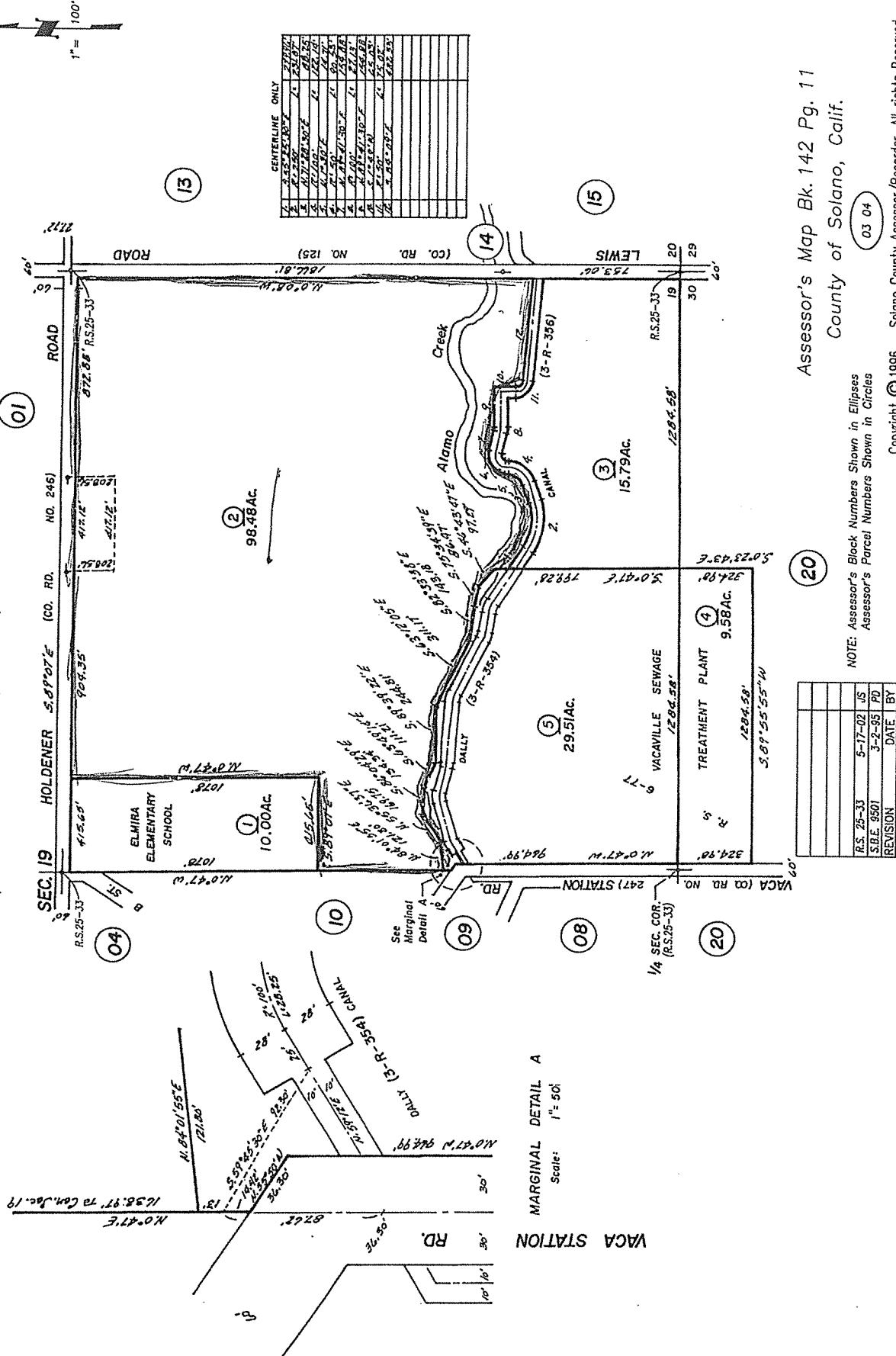
R:\PLANNING\ALL ZONING ADMINISTRATOR STAFF REPORTS\2016\November 17, 2016\MU-16-03 (T-Mobile)\MU-16-03 (T-Mobile) - ZA Resolution.docx(November 10, 2016)

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S.E. 1/4 SEC. 19, T.6 N., R.1 E., M.D.B. & M.  
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## ATTACHMENT B



SITE NAME:

ATC I EWIS ROAD

**BA90476A**

**FILE COPY**

MMJ-1603

STREET ADDRESS:  
6021 LEWIS ROAD  
VACAVILLE CA 95687

DIRECTOR'S

PROJECT SUMMARY

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N/A-EXISTING TOWER  
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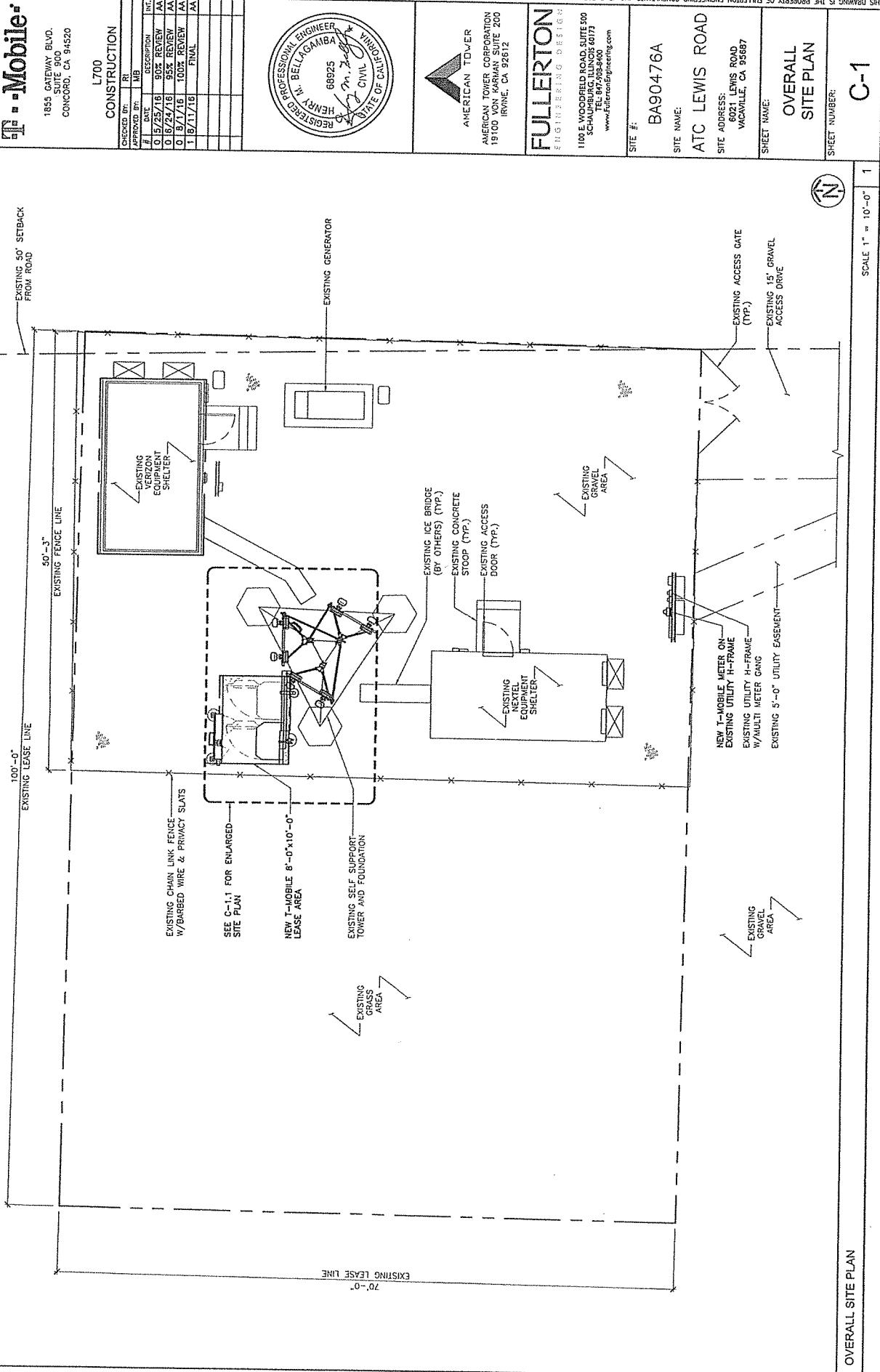
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T-1	TITLE SHEET N-1 GENERAL NOTES N-2 OVERALL SITE PLAN C-1 ENLARGED SITE PLAN C-2 EQUIPMENT PLAN C-3 PLATFORM DETAILS C-4 TOWER ELEVATION AND ANTENNA DETAILS C-5 CABINET DETAILS C-5.1 CABLE DETAILS
C-5.2 ANTENNA DETAILS & SPEC C-6 TOWER ELEVATION AND DETAILS C-7 EQUIPMENT DETAILS C-8 RIDS SHEET E-1 ELECTRICAL PLAN AND NOTES E-2 ELECTRICAL DETAILS E-3 GROUNDING DETAILS E-4 GROUNDING PLAN AND NOTES	
APPROVALS	
RF ENGINEER	DATE
ZONING ADMINISTRATOR	DATE
SITE ACQUISITION	DATE
T-MOBILE CONSTRUCTION MANAGER	DATE
PROPERTY OWNER	DATE
POWER APPROVAL	DATE
TECO APPROVAL	DATE
VICINITY MAP	
DIRECTIONS TO SITE: DEPART NUT TREE AIRPORT [101 COUNTY AIRPORT RD, YACVILLE, CA 95688, UNITED STATES] ON COUNTY RD, TURN LEFT, ROAD NAME CHANGES TO LOCAL ROAD(S), TAKE RAMP (RIGHT) ON I-80, AT EXIT 57, TURN RIGHT, ONTO RAMP, TURN RIGHT (SOUTH) INTO LEISURE LANE, TURN LEFT (EAST) ONTO HAWKINS RD, TURN RIGHT (SOUTH) ONTO LEWIS RD, TURN RIGHT (WEST) ONTO LOCAL ROAD(S), Arrive AT SITE.	
CERTIFICATION STATEMENT: I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED UNDER MY DIRECT SUPERVISION AND TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF COMPLY WITH THE REQUIREMENTS OF ALL APPLICABLE CODES	
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SHEET NAME:	
ATC LEWIS ROAD	
SITE ADDRESS: 6021 LEWIS ROAD VACAVILLE, CA 95687	
SITE NAME: ATC LEWIS ROAD	
SHEET NAME:	
BA90476A	
SHEET NUMBER: T-1	
SHEET NAME:	

2016.0249.0003

## **ATTACHMENT C**









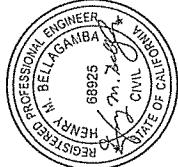
**T-Mobile®**

1855 GATEWAY BLVD.  
SUITE 300  
CONCORD, CA 94520

L700

CONSTRUCTION

CHECKED BY:	RJ
APPROVED BY:	M.B.
#:	REVISION
DATE:	REV.
05/25/16	90%
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06/27/16	100%
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AMERICAN TOWER  
19100 KARMA SUITE 200  
IRVINE, CA 92612

FULLERTON

CONTRACTING DESIGN

1100 E WOODFIELD ROAD, SUITE 500  
SCHAUMBURG, ILLINOIS 60173  
TEL 847/888-4800  
www.fullertonengineering.com

SITE #:

BA90476A

SITE NAME:

ATC LEWIS ROAD  
SITE ADDRESS:  
1001 LEWIS ROAD  
VACAVILLE, CA 95687

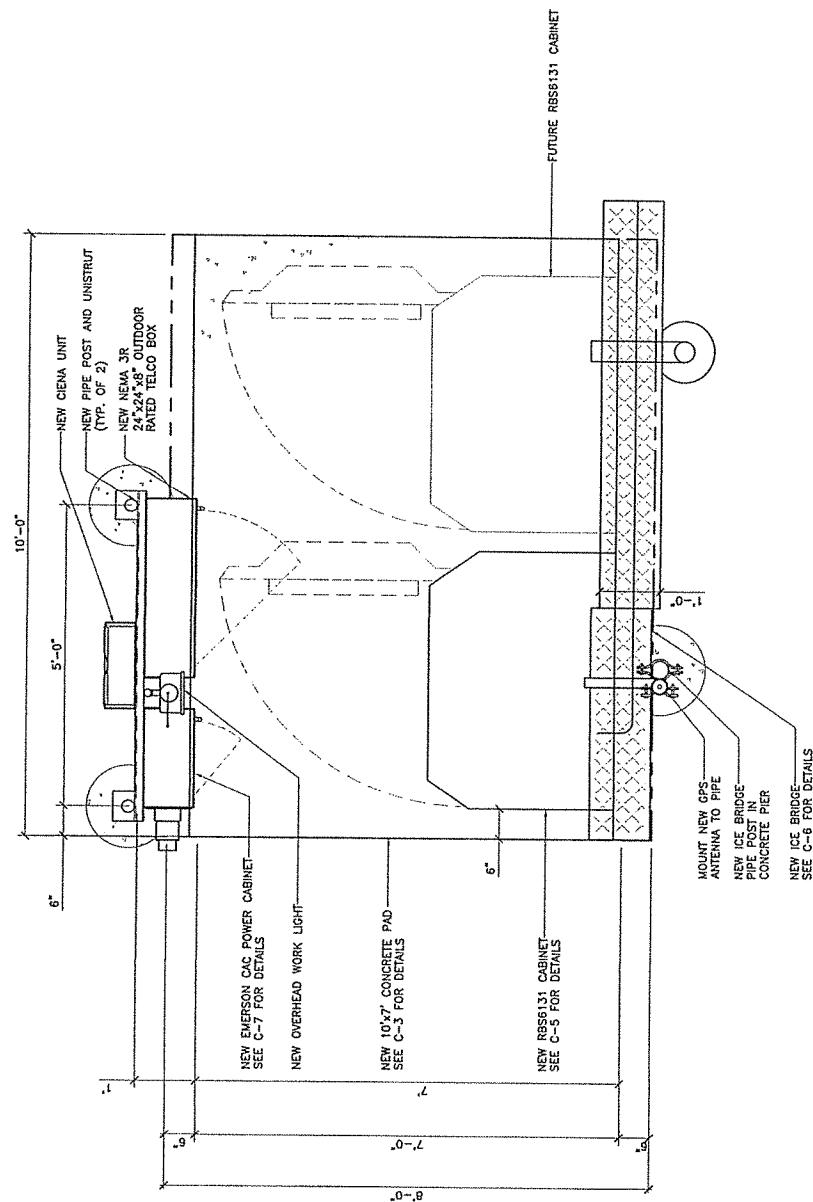
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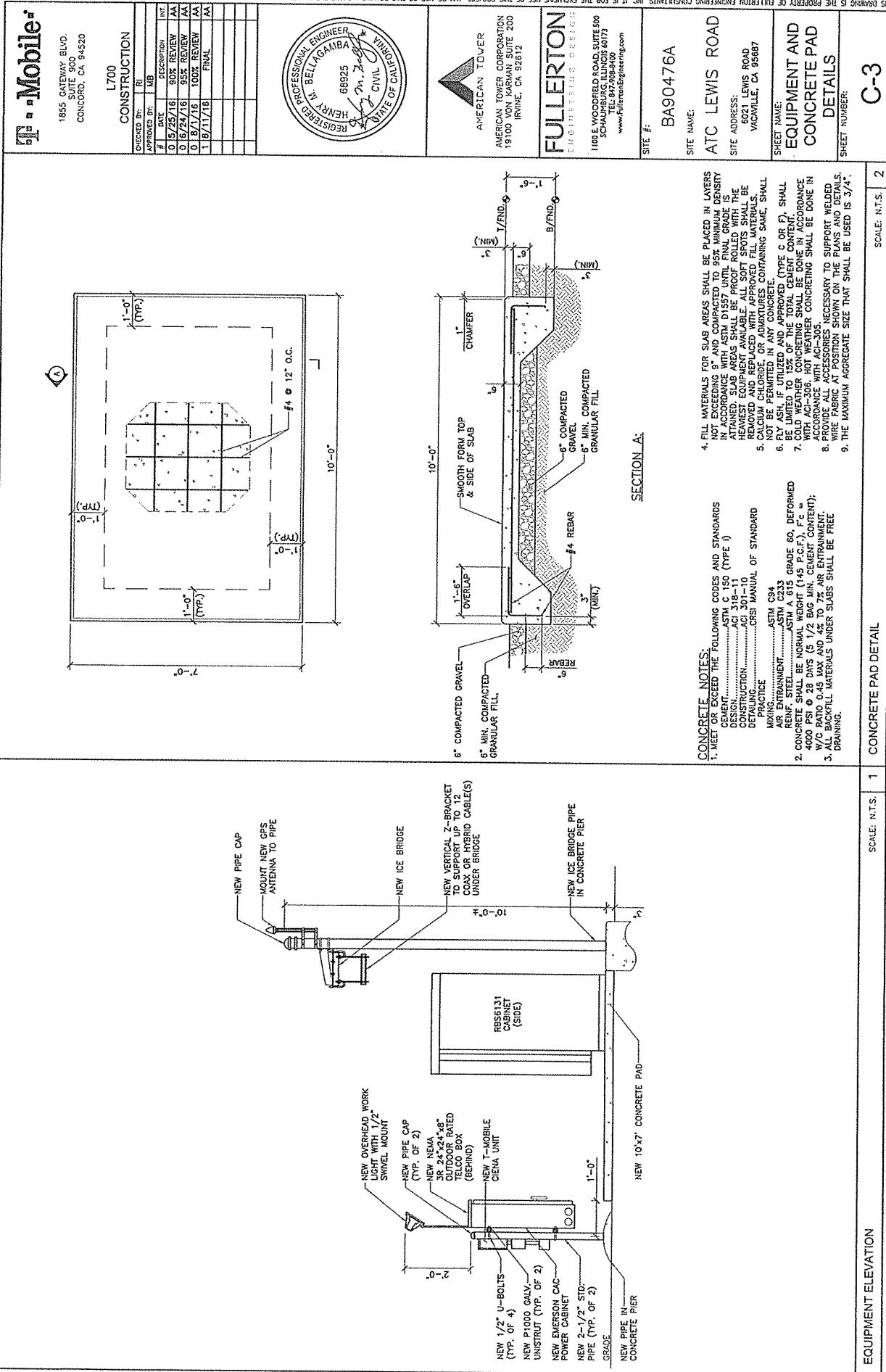
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SCALE: 1/2" = 1'-0"

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T.E.-Mobile.

1855 GATEWAY BLVD.  
SUITE 900  
CONCORD, CA 94520

0021

CONSULTATION

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06/24/16	95% REVIEW
08/1/16	100% REVIEW
08/11/16	FINAL



AMERICAN TOWER CORPORATION  
DOVRE, KAN. SUITE 200

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AMERICAN TOWER CORPORATION  
19100 VON KARMAN SUITE 200  
IRVINE, CA 92618

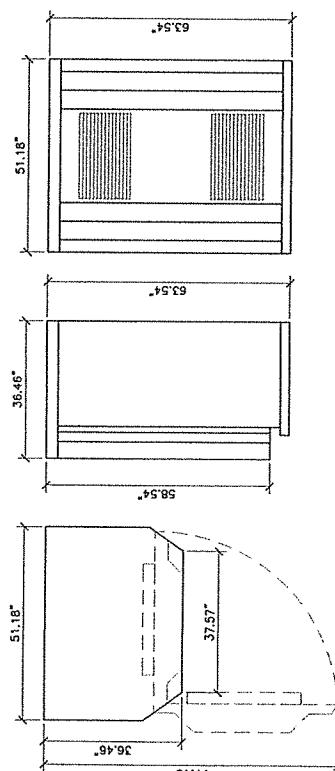
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**CABINET DETAILS**

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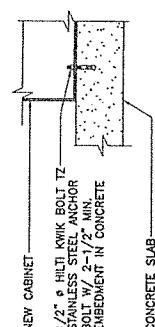
FRONT VIEW

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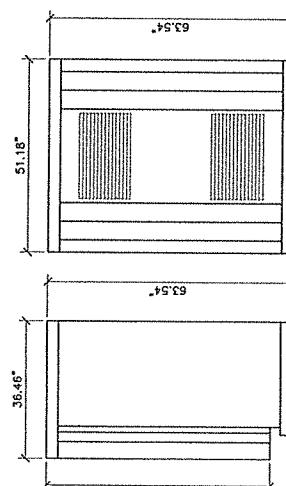
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RBS6131 CABINET SPECIFICATIONS

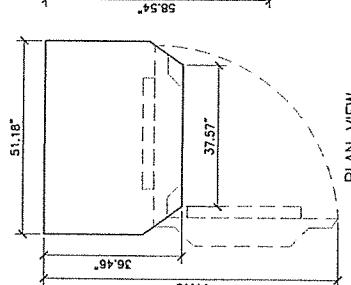


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RBS6131 CABINET SPECIFICATIONS



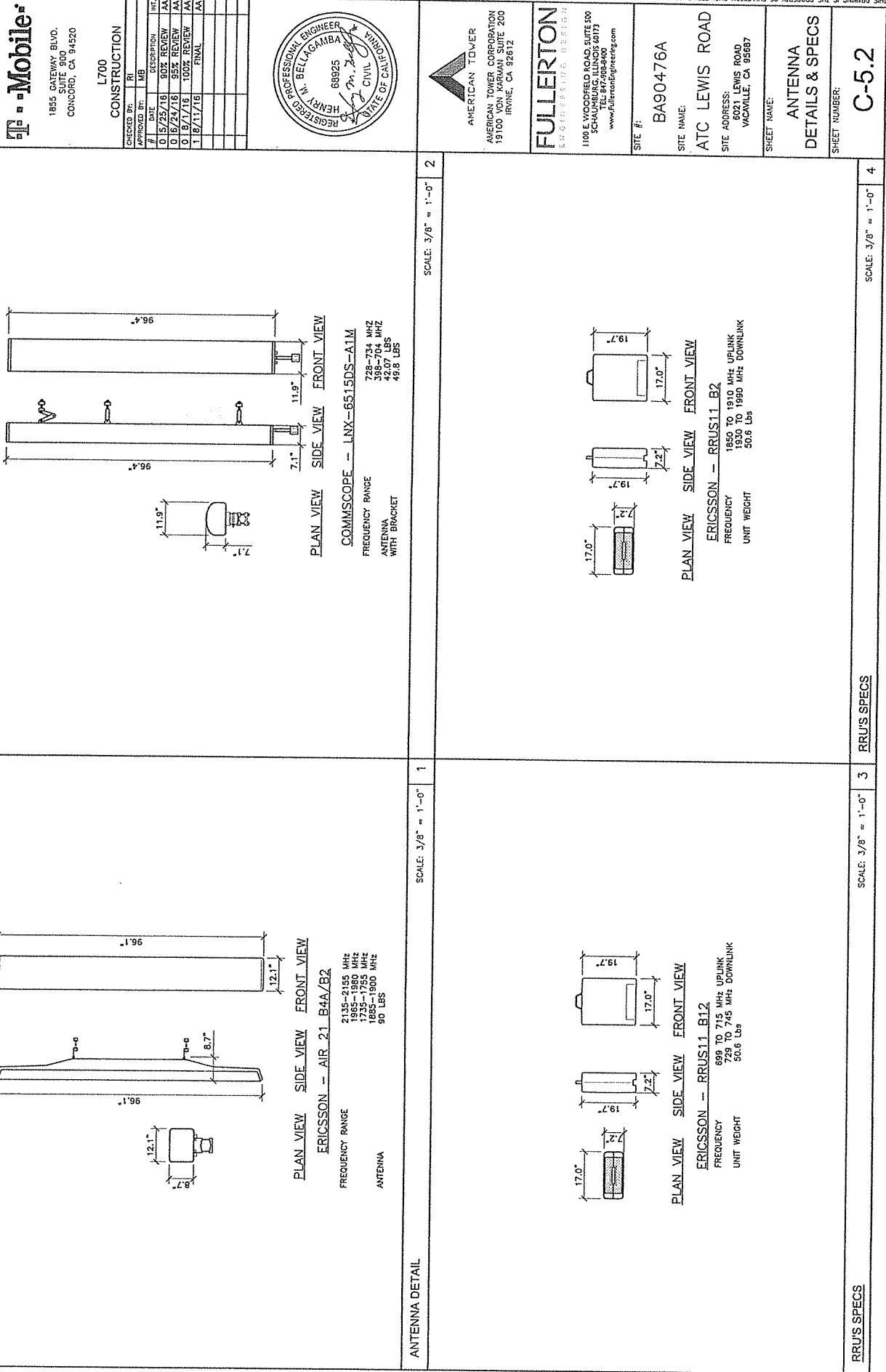
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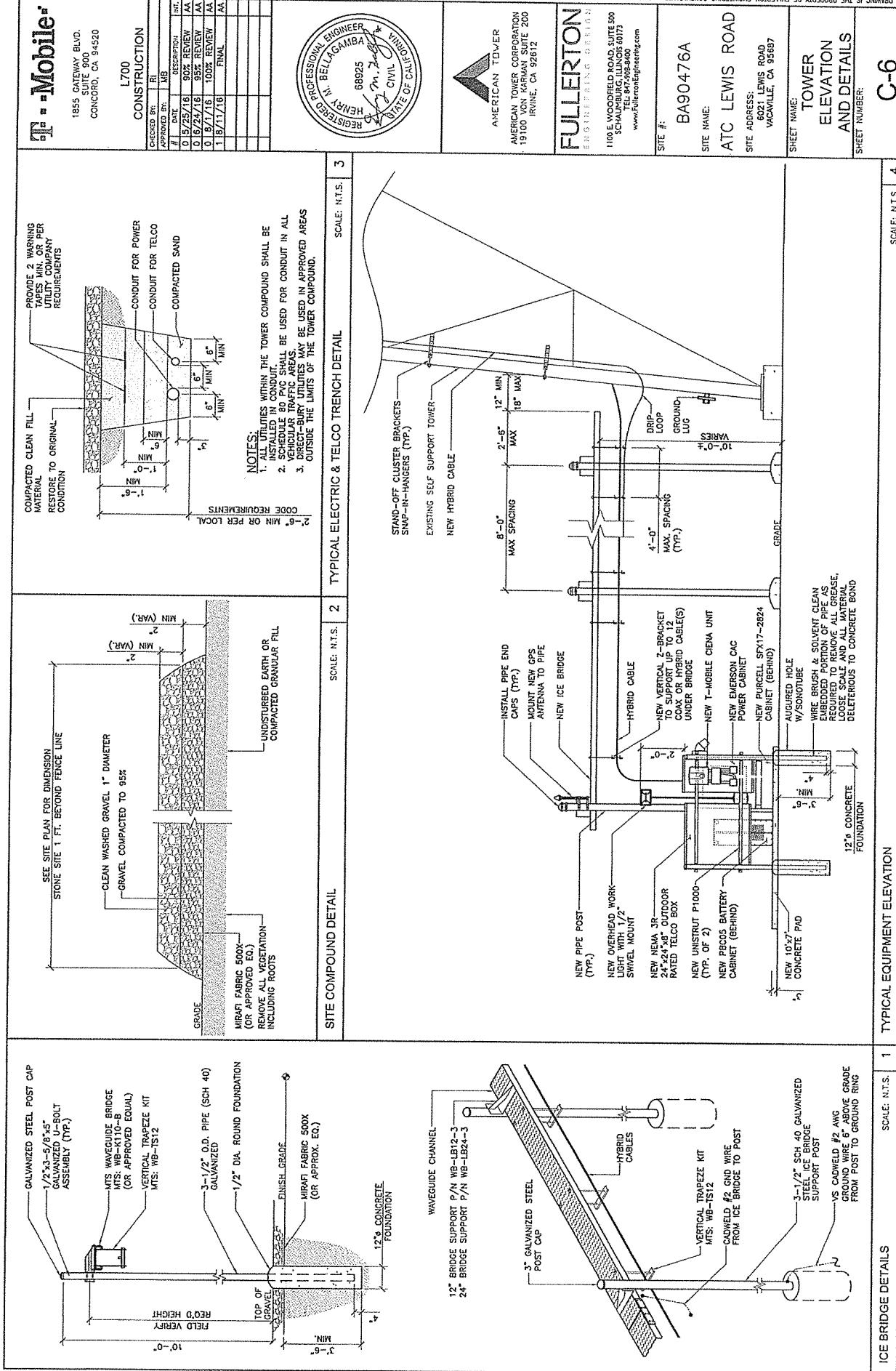
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SIDE VIEW

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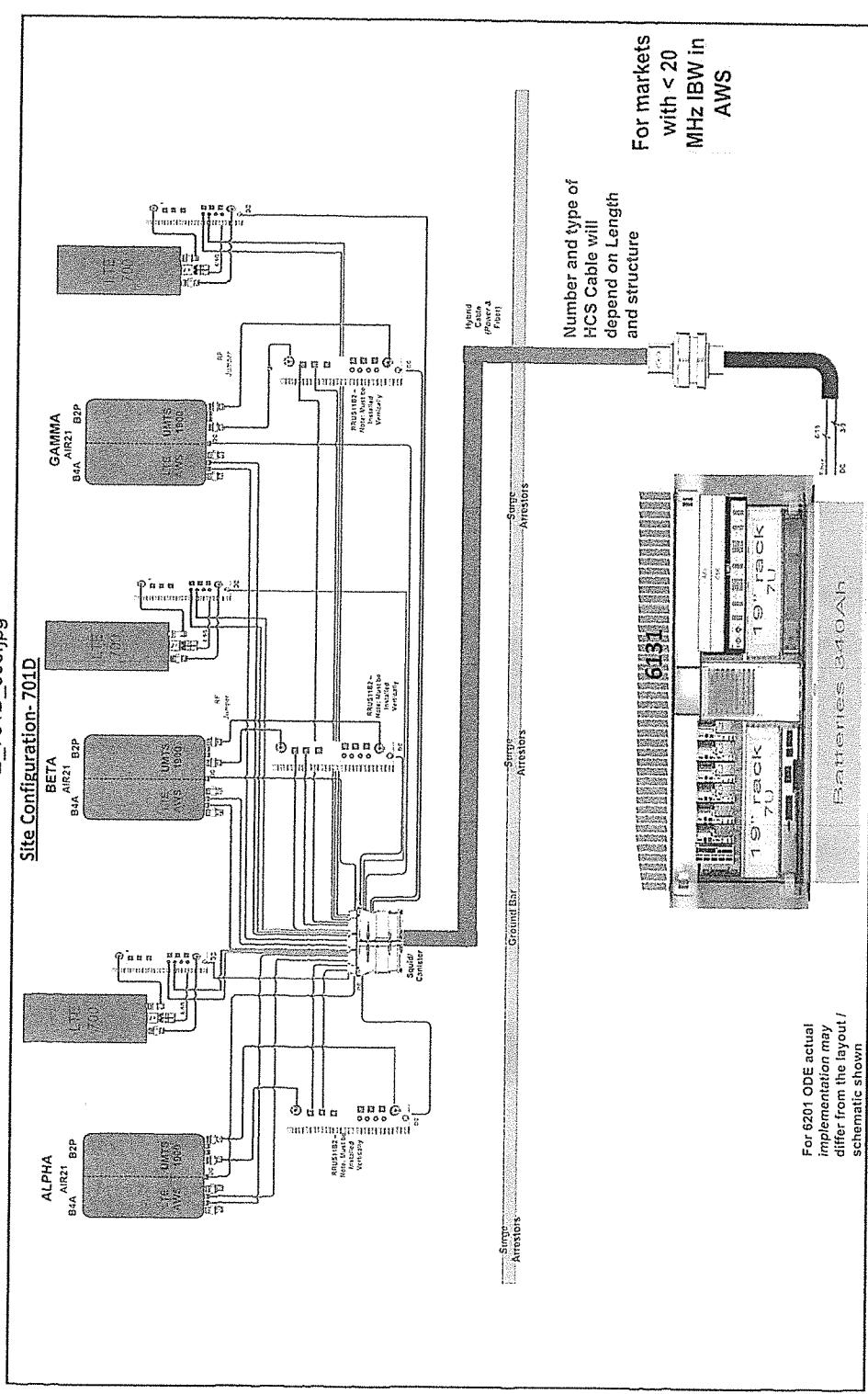
EMERSON CAC POWER CABINET		STANDARD FEATURES:																																																																																																																																																							
<p>NEA 3R RAINPROOF ENCLOSURE 3-POINT DOOR CLOSURE WITH CONTINUOUS HINGE AND HEAVY DUTY DOOR GASKET UL891 LISTED RAIN/Drip HOOD PROVIDES PROTECTION AGAINST THE ELEMENTS</p> <p>0.1" THICK ALUMINUM CORROSION RESISTANT POWER COAT PAINT</p> <p>WELD BRACKET OR PAD-MOUNTABLE OPTICAL BRACKET OR PLATE JUMPER MECHANICAL INTERLOCK PREVENTS SIMULTANEOUS USE OF UTILITY AND GENERATOR POWER</p> <p>BRUTE FORCE METAL VARISTOR SURGE SUPPRESSION WITH EASY TO READ LED AND REMOTE STATUS INDICATION GENERATOR RECEPTION OPTIONS INCLUDE: 10DA OR 20A, TOWAC OR 22RAIC, 65AIC</p>		<p>1855 GATEWAY BLVD. SUITE 800 CONCORD, CA 94520</p> <p>1200 CONSTRUCTION</p> <p>APPROVED BY: [Signature]</p> <p># DATE DESCRIPTION INCH</p> <p>0 5/25/16 90% REVIEW AA</p> <p>0 6/27/16 95% REVIEW AA</p> <p>0 9/7/16 100% REVIEW AA</p> <p>1 8/17/16 FINAL AA</p>																																																																																																																																																							
<p>ENCLOSURE</p> <p>EXTERNAL MATERIAL: 0.1" THICK ALUMINUM DIMENSIONS (WxHxD): 20" x 25" x 10" WEIGHT: 75 LBS PROTECTION: RAIN/Drip HOOD, RAIN TESTED PER UL891 CABINET TYPE: ONE AC POWER TYES CABINET (NEA 3R TYPE ENCLOSURE)</p>		<p>VOLTAGE: 120/240 VAC, SINGLE PHASE, 3 WIRE/GROUND SERVICE DISCONNECT LOAD CENTER BONDING JUMPER POWER RECEPT. TYES</p> <p>OTHER OPTIONS SECURITY SAFETY OPTIONS UL891, DEAD FRONT SWITCHBOARDS 10,000 OR 22,000, 65,000 SERIES RATED, PAD-MOUNTING BASE (8" Thick), VARIOUS GENERATOR RECEPTACLES OFFERED</p>																																																																																																																																																							
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4/5/2016

rfds.eng.t-mobile.com/DataSheet/Printout/11331027

## Section 3 - Proposed Template Images

E\_701D\_000.jpg



**T-Mobile®**

1855 GATEWAY BLVD.  
SUITE 300  
CONCORD, CA 94520

L700  
CONSTRUCTION

CHECKED BY: R MB APPROVED BY: M MB

#	DATE	DESCRIPTION	INITIALS
01	05/25/16	90% REVIEW	AA
02	06/24/16	95% REVIEW	AA
03	08/11/16	100% REVIEW	AA
04	08/11/16	FINAL	AA

REGISTRATION NO. 68925  
PROFESSIONAL ENGINEER  
RENTON, WA  
STATE OF CALIFORNIA  
CIVIL  
T. J. Bellagamba

**FULLERTON**  
ENGINEERING DESIGN  
1100 EWOODFIELD ROAD, SUITE 500  
SCHAUMBURG, ILLINOIS 60175  
TEL: 847.805.8400  
www.FullertonEngineering.com

**AMERICAN TOWER**  
AMERICAN TOWER CORPORATION  
19100 VON KARMAN SUITE 200  
IRVINE, CA 92612

SITE #: BA90476A  
SITE NAME: ATC LEWIS ROAD  
SITE ADDRESS: 6021 LEWIS ROAD  
VACAVILLE, CA 95687  
SHEET NAME: RFDS SHEET  
SHEET NUMBER: C-8

THIS DRAWING IS THE PROPERTY OF FULLERTON ENGINEERING CONSULTANTS, INC. IT IS PROHIBITED  
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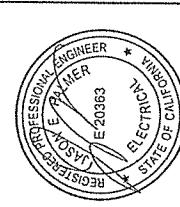
20160249.0003

CONTRACTOR IS RESPONSIBLE TO COORDINATE INSTALL OF ELECTRICAL WITH T-MOBILE AND FURNISH AND INSTALL EQUIPMENT WITH T-MOBILE	
2) ALL EQUIPMENT AND MATERIAL FURNISHED AND INSTALLED UNDER THIS CONTRACT SHALL BE OWNED, FREE FROM DEFECTS AND SHALL BE REASONABLY DURABLE FOR A PERIOD OF ONE YEAR FROM DATE OF INSTALLATION.	
THESE ELECTRICAL DRAWINGS ARE DIAGRAMMATIC ARRANGEMENTS OF ELECTRICAL SYSTEMS, EQUIPMENT AND CIRCUITS. THEY ARE NOT DRAWN TO SCALE. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN, CONSTRUCTION, AND MAINTENANCE OF THE SYSTEMS, EQUIPMENT AND CIRCUITS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE WORK, WHETHER IT IS DONE BY THE CONTRACTOR OR BY ANOTHER CONTRACTOR, TO COMPLETE THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND SPECIFICATIONS.	
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GENERAL NOTES	
1) ALL WORK IS TO COPY WITH THE LATEST NATIONAL ELECTRICAL CODE AND ALL OTHER LOCAL ORDINANCES, CODES AND STANDARDS. THE CONTRACTOR SHALL COORDINATE WITH THE CONTRACTOR FOR ADDED LOAD TO MOBILE TELCO ELECTRICAL AND TELEPHONE SERVICE SIZE AND CAP.	
2) ALL EQUIPMENT AND MATERIAL FURNISHED AND INSTALLED UNDER THIS CONTRACT SHALL BE OWNED, FREE FROM DEFECTS AND SHALL BE REASONABLY DURABLE FOR A PERIOD OF ONE YEAR FROM DATE OF INSTALLATION.	
3) THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE WORK, WHETHER IT IS DONE BY THE CONTRACTOR OR BY ANOTHER CONTRACTOR, TO COMPLETE THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND SPECIFICATIONS.	
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5) PRIOR TO INSTALLING ANY ELECTRICAL WORK,	

20 AMP OUTDOOR GFCI & SWITCH COMBO  
NOT TO SCALE

20 AMP OUTDOOR GFCI AND SWITCH COMBO  
NOT TO SCALE

**Mobile®**



CONSTRUCTION

CHECKED BY: RI

APPROVED BY: M.B.

DATE: 5/25/16

DESCRIPTION: INT.

#:

0/24/16

90% REVIEW

AA

0/24/16

95% REVIEW

AA

0/24/16

100% FINAL

AA

1/10/16

FINAL

AA

1/10/16</p

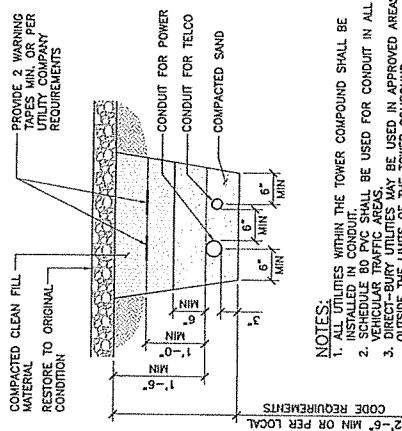
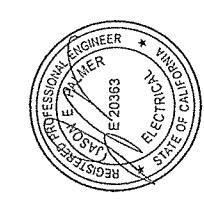
**T-Mobile®**

1855 GATEWAY BLVD.  
SUITE 300  
CONCORD, CA 94520

L700

**CONSTRUCTION**

APPLIED BY:	RE:
#	DATE
01/25/16	90% REVIEW
01/24/16	95% REVIEW
01/21/16	100% REVIEW
1/8/16	FINAL



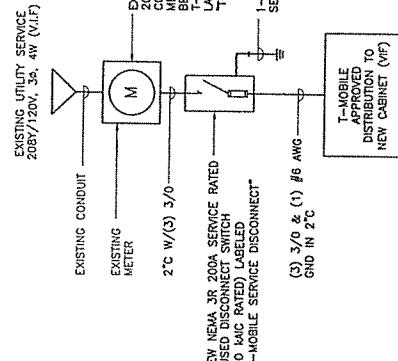
Total kVA	10.10
Total AMPS	42.08

CIR	LOAD DESCRIPTION	BREAKER	BREAKER POLES	BREAKER STATUS	SERVICE LOAD	USAGE FACTOR	SERVICE LOAD	USAGE FACTOR	BREAKER POLES	BREAKER AMPS	LOAD DESCRIPTION	CIR
1	MBS6311	80	2	ON	5000	1	100	1	ON	20	LIGHT	2
3					5000	1	0	5000				4
5					0	0	0	0				6
7					0	0	0	0				8
9					0	0	0	0				10
11					0	0	0	0				12

PANEL SCHEDULE

SCALE: N.T.S. 1 TYPICAL ELECTRIC AND TELCO TRENCH DETAIL SCALE: N.T.S. 2

NOTE TO CONTRACTOR:  
 FINAL LOCATION OF UTILITY SERVICE  
 BY OTHERS



**FULLERTON**

ENGINEERING DESIGN

AMERICAN TOWER

AMERICAN TOWER CORPORATION

19100 VON KARMAN SUITE 200

IRVINE, CA 92612

1100 E. WOODFIELD ROAD, SUITE 500

SCHAUMBURG, ILLINOIS 60175

TEL: 847.608.3400

www.FullertonEngineering.com

SITE #: BA90476A

SITE NAME: ATC LEWIS ROAD

SITE ADDRESS: 6021 LEWIS ROAD

VACAVILLE, CA 95687

SHEET NAME: ELECTRICAL DETAILS

SHEET NUMBER: E-2

NOT USED

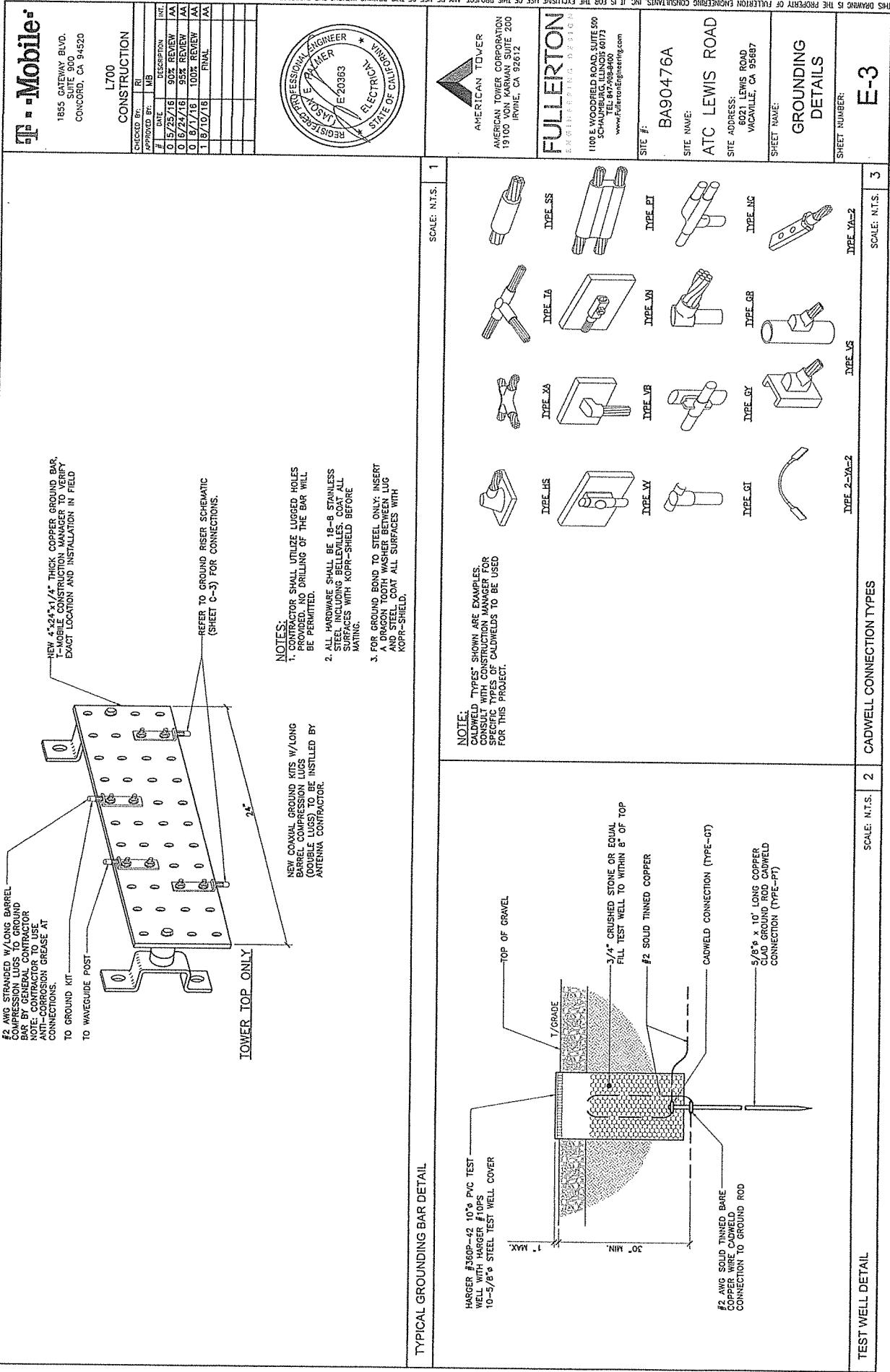
SCALE: N.T.S. 3

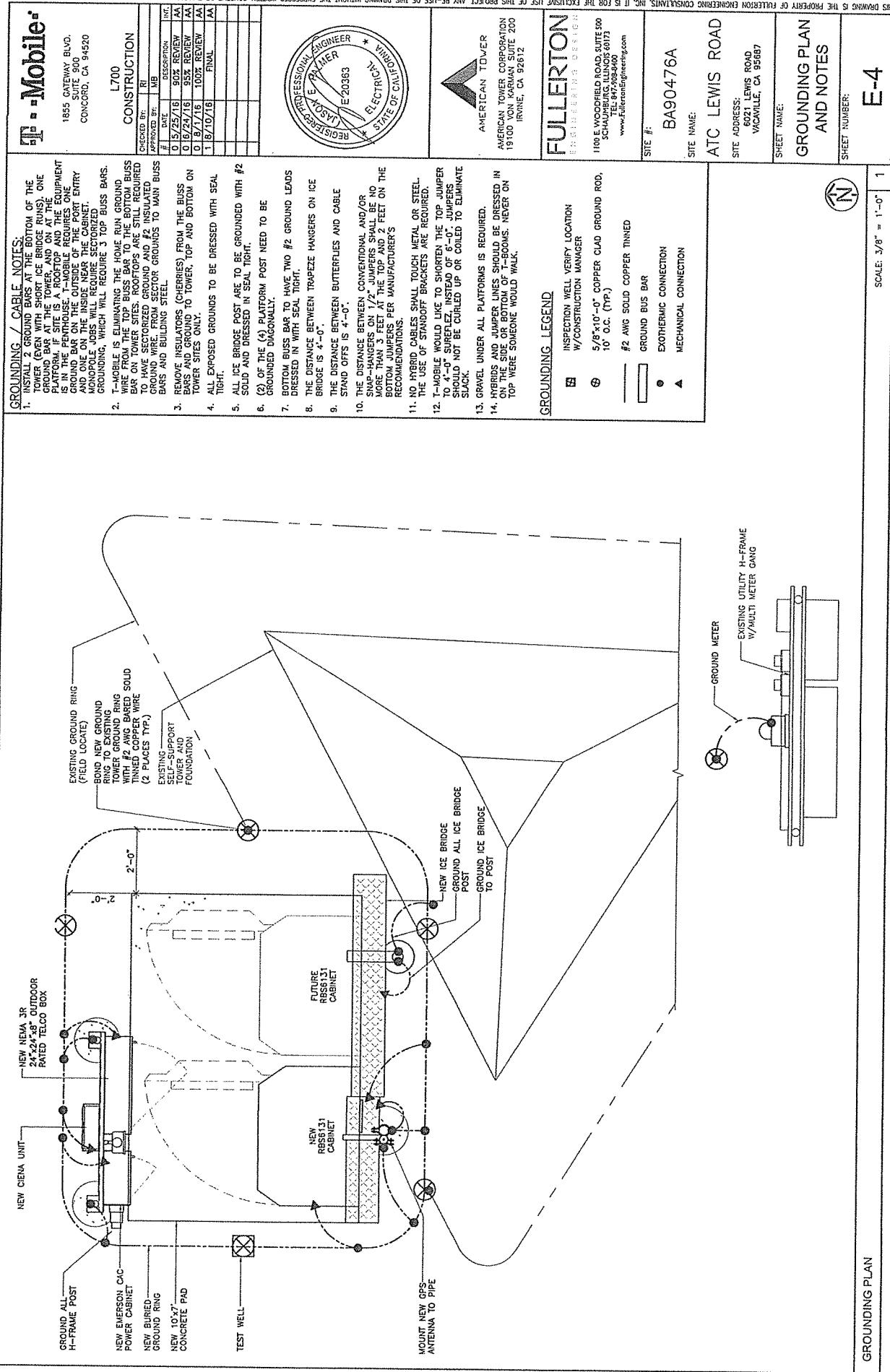
ELECTRICAL SINGLE LINE

SCALE: N.T.S. 4

20160249-0003

E-2





Photosimulation of the view looking southwest from the nearest point along Lewis Road.



ATTACHMENT D

Existing

**BA90476A**  
6021 Lewis Road  
Vacaville, CA 95687

T-Mobile®

Proposed