

PROPRIETY INFORMATION:  
THE INFORMATION CONTAINED IN THIS SET OF DRAWINGS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO T-MOBILE SERVICES IS STRICTLY PROHIBITED.

DISCLOSURE:  
NO SITE WALK WAS CONDUCTED FOR THESE DRAWINGS. DATA WAS PROVIDED BY T-MOBILE AND/OR OTHERS. CONTRACTOR TO VERIFY MATERIALS AND DESIGN PRIOR TO INSTALL.



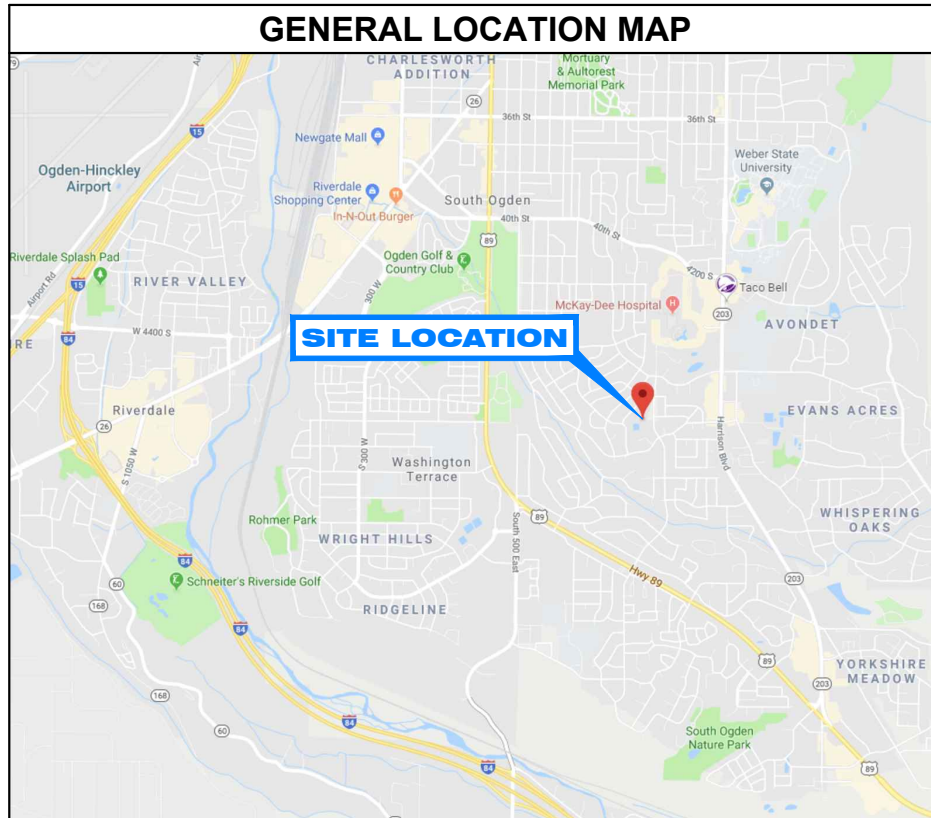
**SCOPE OF WORK**

T-MOBILE IS PROPOSING TO REPLACE THREE (3) ANTENNAS, ADD THREE(3) ANTENNA, REPLACE THREE (3) TMAs WITH THREE (3) RRUs, ADD THREE (3) RRUs AND ADD THREE (3) HCS AND REMOVE SIX (6) LINES OF COAX.  
FINAL CONFIGURATION: NINE (9) ANTENNAS, THREE (3) TMAs, SIX (6) RRUs, TWELVE (12) COAX LINES AND THREE (3) HCS.

**SL01743A PROM RMP GLASMANN WAY**  
4700 SOUTH GLASMANN WAY  
OGDEN, UT 84403



**GENERAL LOCATION MAP**



**VICINITY MAP**



**MODERNIZATION EQUIPMENT LIST**

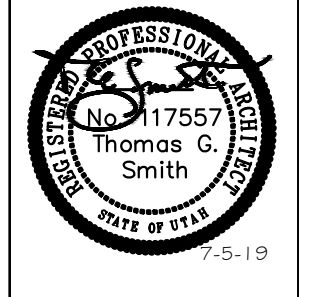
SECTOR	TYPE	MODEL	QUANTITY
ALPHA	ANTENNA	CMA-BDHH/6521/E0-6/TB05 (QUAD)	1
ALPHA	ANTENNA	AIR32 KRD901146-1 B66A/B2A (OCTA)	1
ALPHA	ANTENNA	APXVAARR24 43-U-NA20 (OCTO)	1
ALPHA	TMA	GENERIC TWIN STYLE 1A - PCS	1
ALPHA	RRU	4449 B71+B12	1
ALPHA	RRU	4415 B66A	1
ALPHA	COAX	7/8" - 85'	4
BETA	ANTENNA	CMA-BDHH/6521/E0-6/TB05 (QUAD)	1
BETA	ANTENNA	AIR32 KRD901146-1 B66A/B2A (OCTA)	1
BETA	ANTENNA	APXVAARR24 43-U-NA20 (OCTO)	1
BETA	TMA	GENERIC TWIN STYLE 1A - PCS	1
BETA	RRU	4449 B71+B12	1
BETA	RRU	4415 B66A	1
BETA	COAX	7/8" - 85'	4
BETA	TMA	GENERIC TWIN STYLE 1A - PCS	1
GAMMA	ANTENNA	CMA-BDHH/6521/E0-6/TB05 (QUAD)	1
GAMMA	ANTENNA	AIR32 KRD901146-1 B66A/B2A (OCTA)	1
GAMMA	TMA	GENERIC TWIN STYLE 1A - PCS	1
GAMMA	RRU	4449 B71+B12	1
GAMMA	RRU	4415 B66A	1
GAMMA	COAX	7/8" - 85'	4
SITE	HCS	6x12 HCS 6AWG 30m	3

**APPROVALS**

APPROVED BY	PRINT NAME	INITIALS	DATE
PROJECT MANAGER			
RF ENGINEER			
OPS MANAGER			
CONSTRUCTION			
LANDLORD			

**CONTACT INFORMATION**

<p><b>STRUCTURE OWNER</b> PACIFICORP 825 N.E. MULTNOMAH ST. SUITE 1700 PORTLAND, OR 97232</p>	<p><b>SITE ACQUISITION FIRM</b> RAGE DEVELOPMENT LLC 2181 HUGO AVENUE SALT LAKE CITY, UT 84117</p>
<p><b>NETWORK SYSTEMS OWNER</b> T-MOBILE 121 WEST ELECTION RD. STE. 330 DRAPER, UT 84020</p>	<p><b>A/E FIRM</b> SMITH HYATT ARCHITECTS 845 SOUTH MAIN STREET BOUNTIFUL, UT 84010</p>



DATE: 3.5.2019  
DRAWN BY: ACH  
CHECKED BY: BRITTON KNAPHUS

REVISIONS		
DATE	DESCRIPTION	INT.
3.8.19	CD's (Prelim)	ACH
3.21.19	CD's (Final)	JRC
3.22.19	CD's (Final Rev. 1)	JRC
3.27.19	CD's (Final Rev. 2)	JRC
5.3.19	CD's (Final Rev. 3)	ACH
7.5.19	CD's (Final Rev. 4)	JRC

**SL01743A**  
**PROM RMP GLASMANN WAY**  
4700 SOUTH GLASMANN WAY  
OGDEN, UT 84403

DRAWING TITLE: TITLE SHEET  
DRAWING NO.: T-1

**GENERAL CONSTRUCTION NOTES**

1. DRAWINGS WERE PREPARED FROM STANDARDIZED DETAILS DEVELOPED AND PROVIDED BY T-MOBILE WEST, LLC ("T-MOBILE"). STANDARDIZED DETAILS ARE TO BE CONFIRMED AND CORRELATED AT THE SITE BY THE CONTRACTOR. STANDARDIZED DETAILS THAT REQUIRE MODIFICATIONS DUE TO ACTUAL FIELD CONDITIONS AND REQUIREMENTS MUST BE SUBMITTED TO, AND APPROVED BY, T-MOBILE PRIOR TO START OF WORK.
2. DRAWINGS ARE NOT TO BE SCALED. WRITTEN DIMENSIONS TAKE PRECEDENCE. THIS SET OF DOCUMENTS IS INTENDED TO BE USED FOR DIAGRAM PURPOSES ONLY. UNLESS OTHERWISE NOTED. THE CONTRACTOR IS RESPONSIBLE FOR ALL DIMENSIONS.
3. THE GENERAL CONTRACTOR'S SCOPE OF WORK SHALL INCLUDE FURNISHING ALL MATERIALS, EQUIPMENT, LABOR, AND ANY REQUIREMENTS DEEMED NECESSARY TO COMPLETE INSTALLATION AS DESCRIBED IN THE DRAWINGS AND AS DISCUSSED ON THE SITE WALK.
4. PRIOR TO THE SUBMISSION OF BIDS, CONTRACTORS INVOLVED SHALL VISIT THE JOB SITE TO FAMILIARIZE THEMSELVES WITH ALL CONDITIONS AFFECTING THE PROPOSED PROJECT. CONTRACTORS SHALL VISIT THE CONSTRUCTION SITE WITH THE CONSTRUCTION DOCUMENTS TO VERIFY FIELD CONDITIONS AND CONFIRM THAT THE PROJECT WILL BE ACCOMPLISHED AS SHOWN. PRIOR TO PROCEEDING WITH CONSTRUCTION, ANY ERRORS, OMISSIONS, OR DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF T-MOBILE VERBALLY AND IN WRITING.
5. THE GENERAL CONTRACTOR SHALL RECEIVE WRITTEN AUTHORIZATION TO PROCEED WITH CONSTRUCTION PRIOR TO STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED BY THE CONSTRUCTION DRAWINGS.
6. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
7. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS ACCORDING TO MANUFACTURER'S/VENDOR'S SPECIFICATIONS UNLESS NOTED OTHERWISE OR WHERE LOCAL CODES OR ORDINANCES TAKE PRECEDENCE.
8. ALL WORK PERFORMED ON THE PROJECT AND MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES. CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY, MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS, AND LOCAL AND STATE JURISDICTIONAL CODES BEARING ON THE PERFORMANCE OF THE WORK.
9. GENERAL CONTRACTOR SHALL PROVIDE, AT THE PROJECT SITE, A FULL SET OF CONSTRUCTION DOCUMENTS UPDATED WITH THE LATEST REVISIONS AND ADDENDA OR CLARIFICATIONS FOR USE BY ALL PERSONNEL INVOLVED WITH THE PROJECT.
10. THE STRUCTURAL COMPONENTS OF ADJACENT CONSTRUCTION OR FACILITIES ARE NOT TO BE ALTERED BY THIS CONSTRUCTION PROJECT UNLESS NOTED OTHERWISE.
11. CONTRACTOR TO SEAL ALL PENETRATIONS THROUGH FIRE-RATED AREAS WITH U.L. LISTED OR FIRE MARSHALL APPROVED MATERIALS IF APPLICABLE TO THIS FACILITY AND OR PROJECT SITE.

12. CONTRACTOR TO PROVIDE A PORTABLE FIRE EXTINGUISHER WITH A RATING OF NOT LESS THAN 2-A OR 2-A10BC WITHIN 75 FEET TRAVEL DISTANCE TO ALL PORTIONS OF PROJECT AREA DURING CONSTRUCTION.
13. CONTRACTOR SHALL MEET ALL OSHA REQUIREMENTS FOR ALL INSTALLATIONS.
14. CONTRACTOR TO VERIFY LOCATION OF ALL BURIED UTILITIES PRIOR TO EXCAVATION.
15. CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, EASEMENTS, PAVING, CURBING, ETC. DURING CONSTRUCTION, UPON COMPLETION OF WORK, CONTRACTOR SHALL REPAIR ANY DAMAGE THAT MAY HAVE OCCURRED DUE TO CONSTRUCTION ON OR ABOUT THE PROPERTY.
16. CONTRACTOR SHALL KEEP GENERAL WORK AREA CLEAN AND HAZARD FREE DURING CONSTRUCTION AND DISPOSE OF ALL DIRT, DEBRIS, AND RUBBISH. CONTRACTOR SHALL REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY OR PREMISES. SITE SHALL BE LEFT IN CLEAN CONDITION DAILY AND FREE FROM PAINT SPOTS, DUST, OR SMUDGES OF ANY NATURE.
17. THE ARCHITECTS/ENGINEERS HAVE MADE EVERY EFFORT TO SET FORTH IN THE CONSTRUCTION AND CONTRACT DOCUMENTS THE COMPLETE SCOPE OF WORK. CONTRACTORS BIDDING THE JOB ARE NEVERTHELESS CAUTIONED THAT MINOR OMISSIONS OR ERRORS IN THE DRAWINGS AND OR SPECIFICATIONS SHALL NOT EXCUSE SAID CONTRACTOR FROM COMPLETING THE PROJECT AND IMPROVEMENTS IN ACCORDANCE WITH THE INTENT OF THESE DOCUMENTS. THE BIDDER SHALL BEAR THE RESPONSIBILITY OF NOTIFYING (IN WRITING) T-MOBILE OF ANY CONFLICTS, ERRORS, OR OMISSIONS PRIOR TO SUBMISSION OF CONTRACTOR'S PROPOSAL. IN THE EVENT OF DISCREPANCIES THE CONTRACTOR SHALL PRICE THE MORE COSTLY OR EXTENSIVE WORK, UNLESS DIRECTED OTHERWISE.
18. THE CONTRACTOR SHALL PERFORM WORK DURING OWNER'S PREFERRED HOURS TO AVOID DISTURBING NORMAL BUSINESS.
19. THE CONTRACTOR SHALL PROVIDE T-MOBILE CORPORATION PROPER INSURANCE CERTIFICATES NAMING T-MOBILE WEST, LLC AS ADDITIONAL INSURED, AND T-MOBILE WEST, LLC PROOF OF LICENSE(S) AND PL & PD INSURANCE.

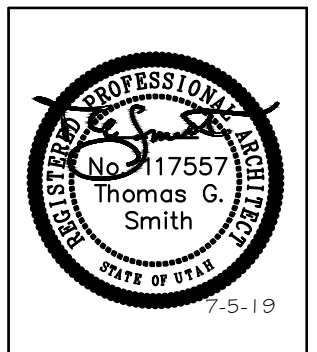
**CODE COMPLIANCE**

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT CONDITIONS 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.

- A. UTAH UNIFORM BUILDING STANDARD ACT RULES
- B. 2015 INTERNATIONAL BUILDING CODE (IBC)
- C. 2017 NATIONAL ELECTRIC CODE (NEC)
- D. 2015 INTERNATIONAL BUILDING CODE (IBC)
- E. 2015 INTERNATIONAL FIRE CODE (IFC)
- F. 2015 INTERNATIONAL MECHANICAL CODE (IMC)
- G. LOCAL BUILDING CODE
- H. CITY OR COUNTY ORDINANCES

**IMPORTANT NOTICE**

THE EXISTING CONDITIONS REPRESENTED HEREIN ARE BASED ON VISUAL OBSERVATIONS AND INFORMATION PROVIDED BY OTHERS. A/E FIRM CANNOT GUARANTEE THE CORRECTNESS NOR THE COMPLETENESS OF THE EXISTING CONDITIONS SHOWN AND ASSUMES NO RESPONSIBILITY THEREOF. THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS AS REQUIRED FOR PROPER COMPLETION OF THE PROJECT.



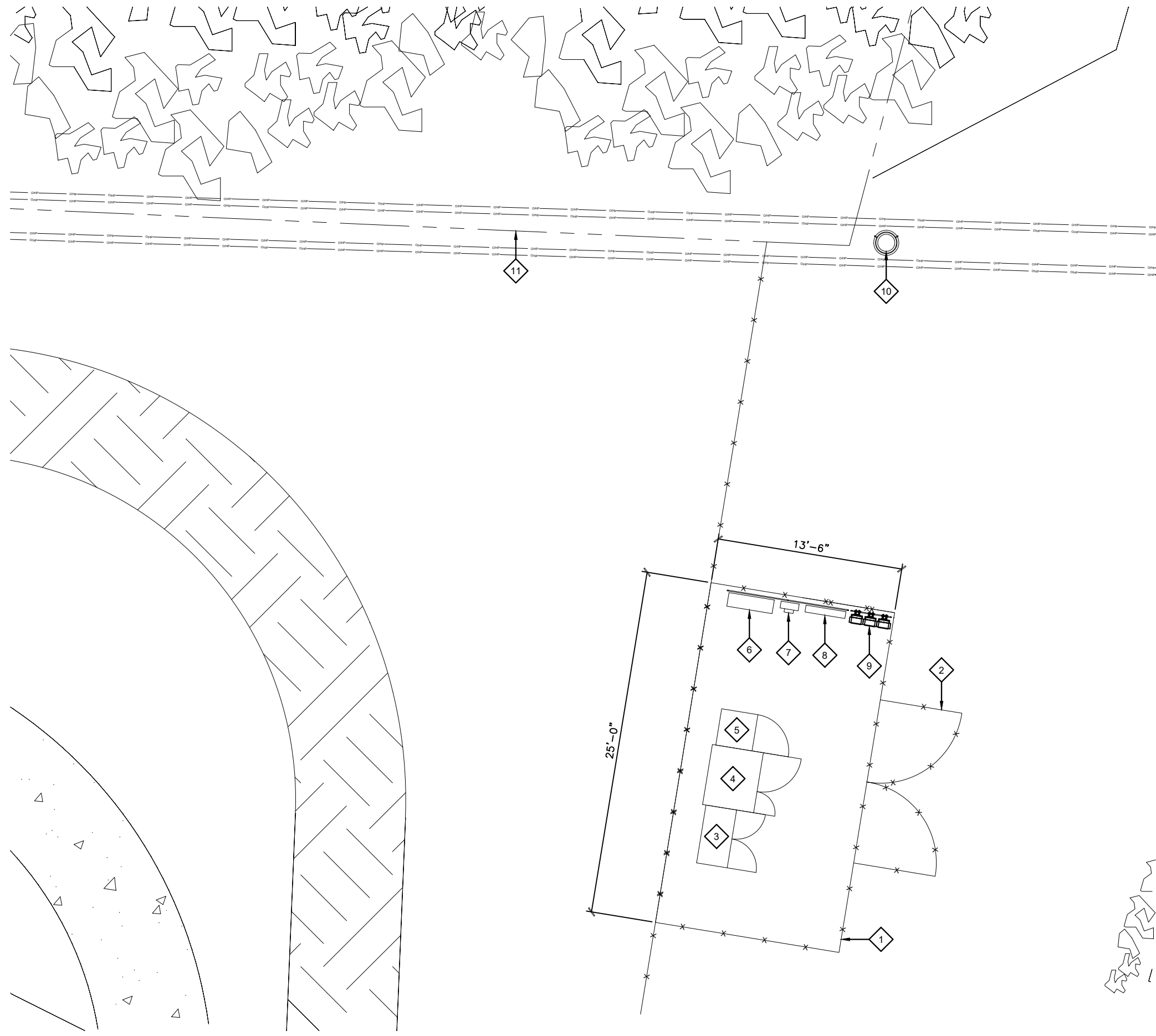
DATE: 3.5.2019  
 DRAWN BY: ACH  
 CHECKED BY: BRITTON KNAPHUS

REVISIONS		
DATE	DESCRIPTION	INT.
3.8.19	CD's (Prelim)	ACH
3.21.19	CD's (Final)	JRC
3.22.19	CD's (Final Rev. 1)	JRC
3.27.19	CD's (Final Rev. 2)	JRC
5.3.19	CD's (Final Rev. 3)	ACH
7.5.19	CD's (Final Rev. 4)	JRC

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 PROM RMP GLASSMANN WAY  
 4700 SOUTH GLASSMANN WAY  
 OGDEN, UT 84403

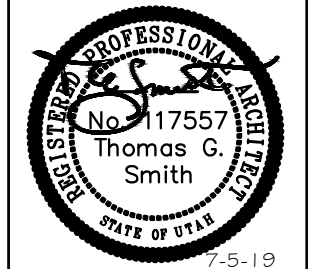
DRAWING TITLE: GENERAL NOTES  
 DRAWING NO.: **N-1**

# EXISTING EQUIPMENT SITE PLAN



## KEY NOTES

- 1 EXISTING T-MOBILE EQUIPMENT AREA
- 2 EXISTING ACCESS GATE
- 3 EXISTING RBS 6102 CABINET
- 4 EXISTING EQUIPMENT CABINET
- 5 EXISTING COAX CABINET
- 6 EXISTING TELCO CABINET
- 7 EXISTING METER
- 8 EXISTING 3106 CABINET
- 9 EXISTING RRUs
- 10 EXISTING 60' UTILITY POLE
- 11 EXISTING PARCEL LINE, TYP



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7.5.19	CD's (Final Rev. 4)	JRC

## SITE NOTES

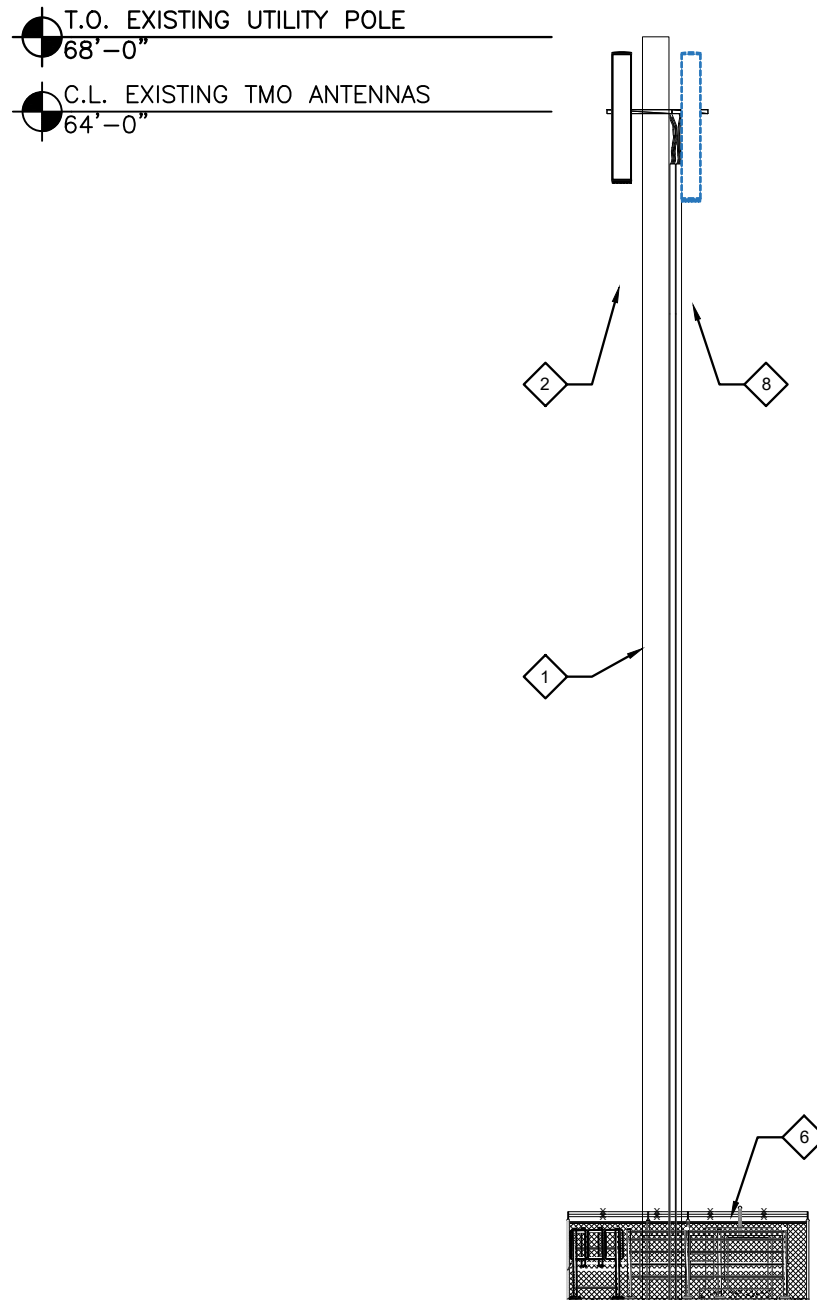
1. NO CHANGES PROPOSED TO EXISTING CABINET LAYOUT

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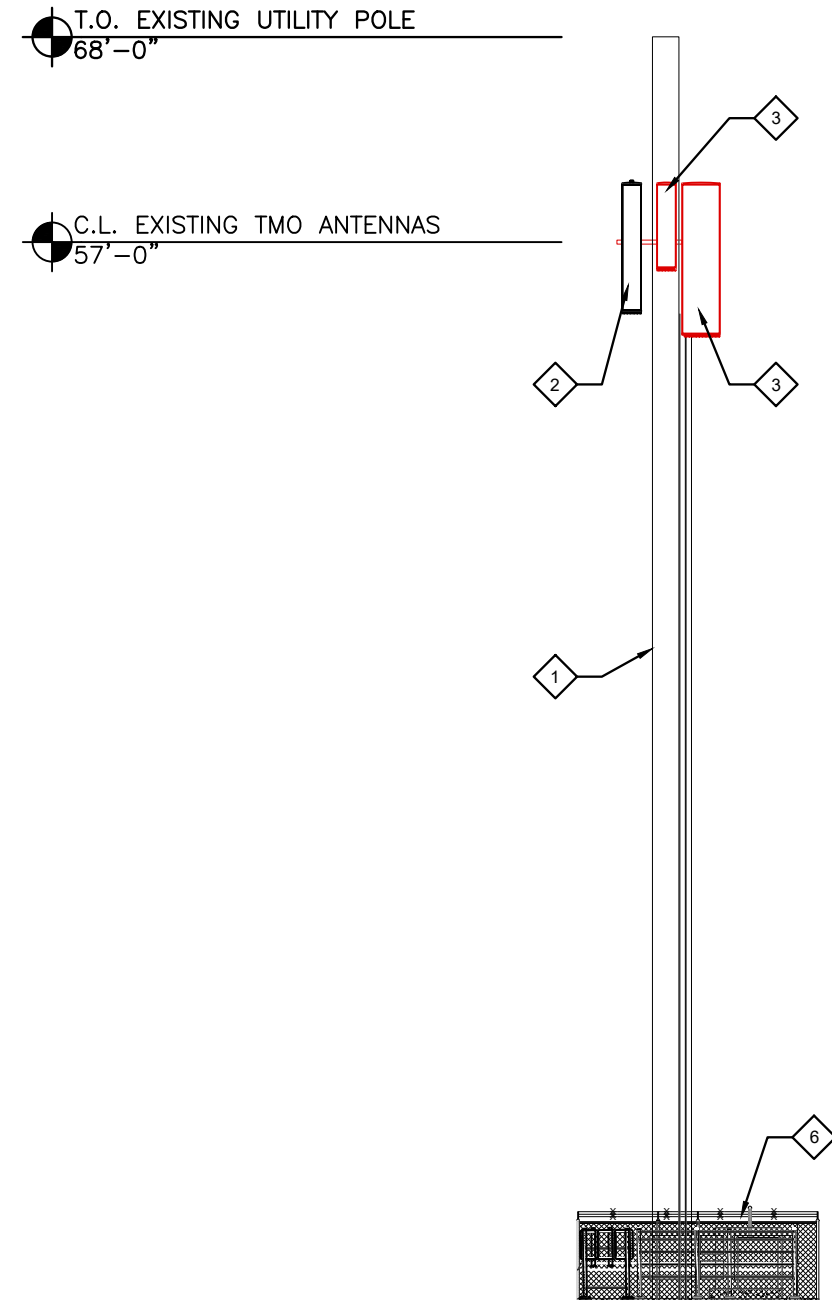
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 EQUIPMENT SITE PLAN

DRAWING NO.:  
**A-1**

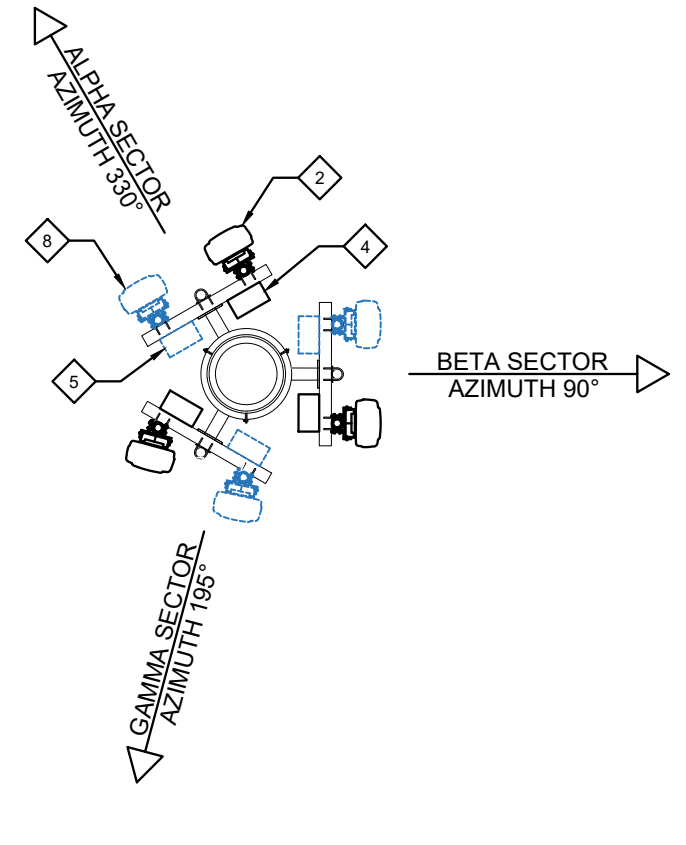
### EXISTING BUILDING ELEVATION



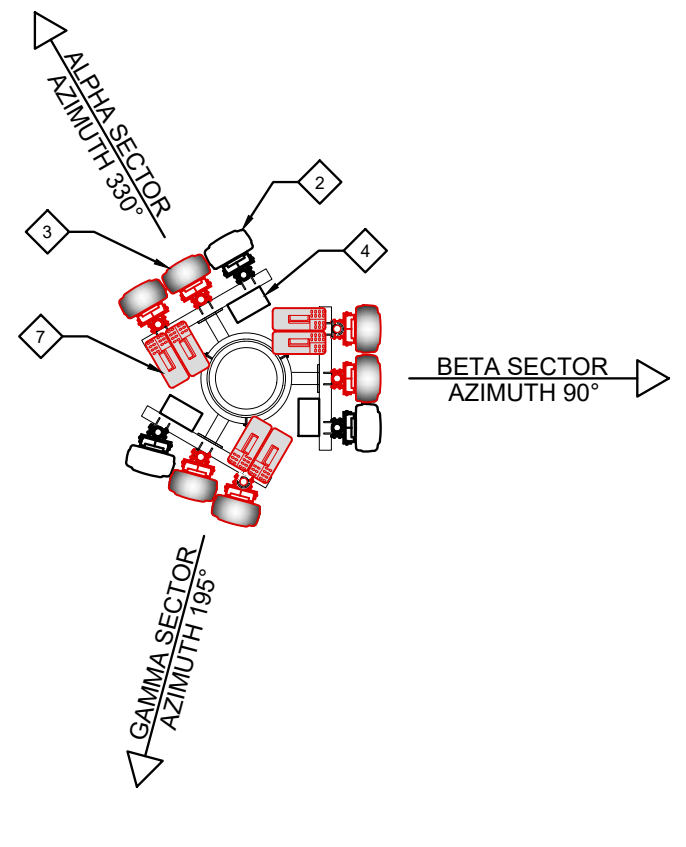
### PROPOSED BUILDING ELEVATION



### EXISTING ANTENNA LAYOUT

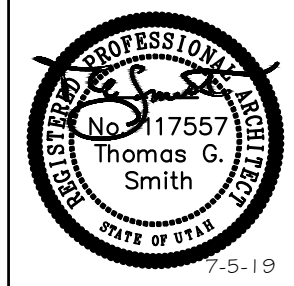
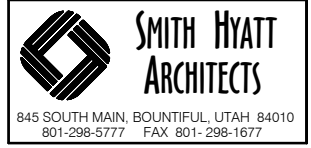


### PROPOSED ANTENNA LAYOUT



### KEY NOTES

- 1 EXISTING 60' UTILITY POLE
- 2 EXISTING T-MOBILE ANTENNAS TO REMAIN, TYP (1) PER SECTOR
- 3 PROPOSED T-MOBILE NEW/REPLACEMENT ANTENNAS, TYP (2) PER SECTOR
- 4 EXISTING TMAs TO REMAIN, TYP (1) PER SECTOR
- 5 EXISTING TMAs TO BE REPLACED, TYP (1) PER SECTOR
- 6 EXISTING T-MOBILE EQUIPMENT AREA
- 7 PROPOSED NEW /REPLACEMENT RRUs, TYP (2) PER SECTORS
- 8 EXISTING T-MOBILE ANTENNAS TO BE REPLACED, TYP (1) PER SECTOR



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7.5.19	CD's (Final Rev. 4)	JRC

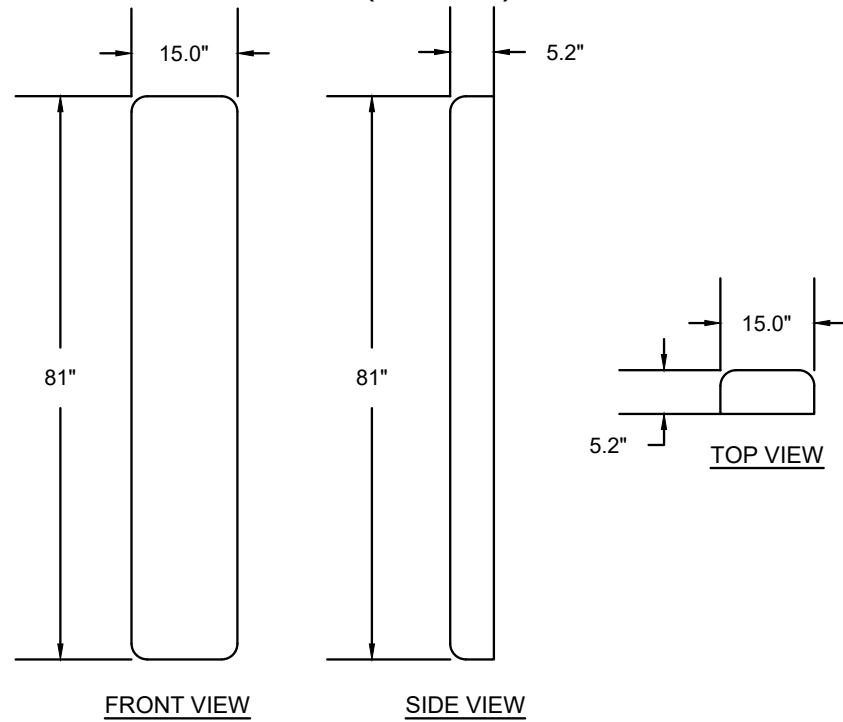
**SL01743A**  
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 OGDEN, UT 84403

DRAWING TITLE:  
 TOWER ELEVATION AND PLAN

DRAWING NO.:  
**A-2**

**ANTENNA DETAIL 1**

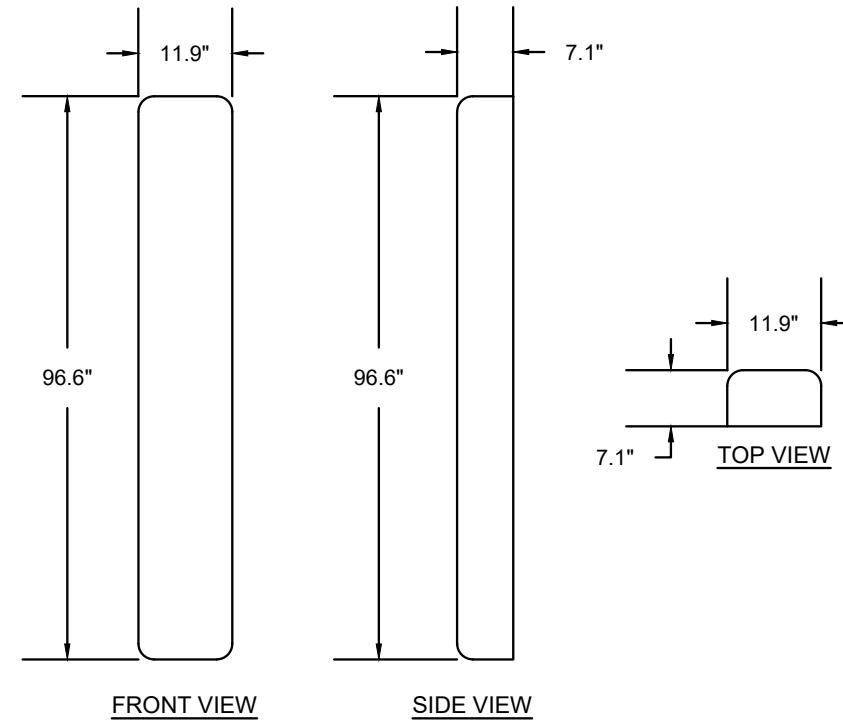
**CELLMAX CMA-BDHH/6521/E0-6/TB05  
(QUAD)**



EXISTING - TO REMAIN (3)

**ANTENNA DETAIL 2**

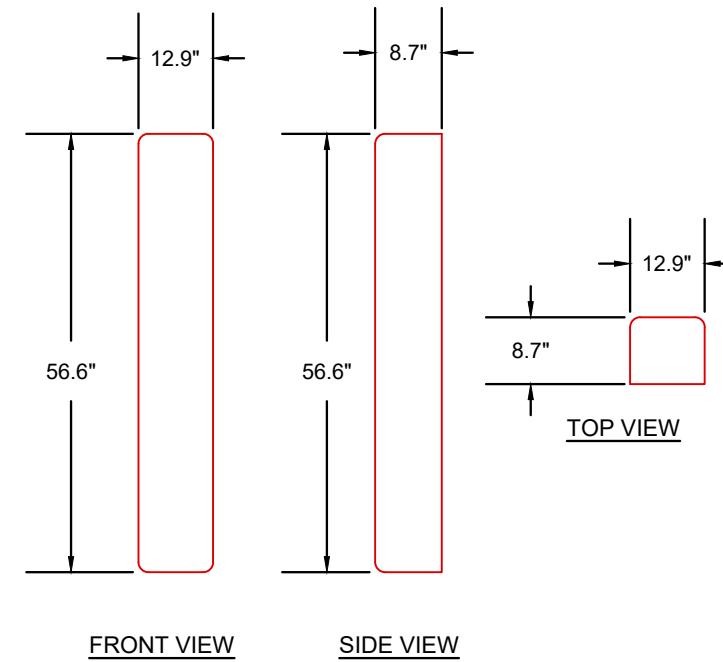
**ANDREW LNX-6515DS-A1M (DUAL)**



EXISTING - TO BE REPLACED (3)

**ANTENNA DETAIL 3**

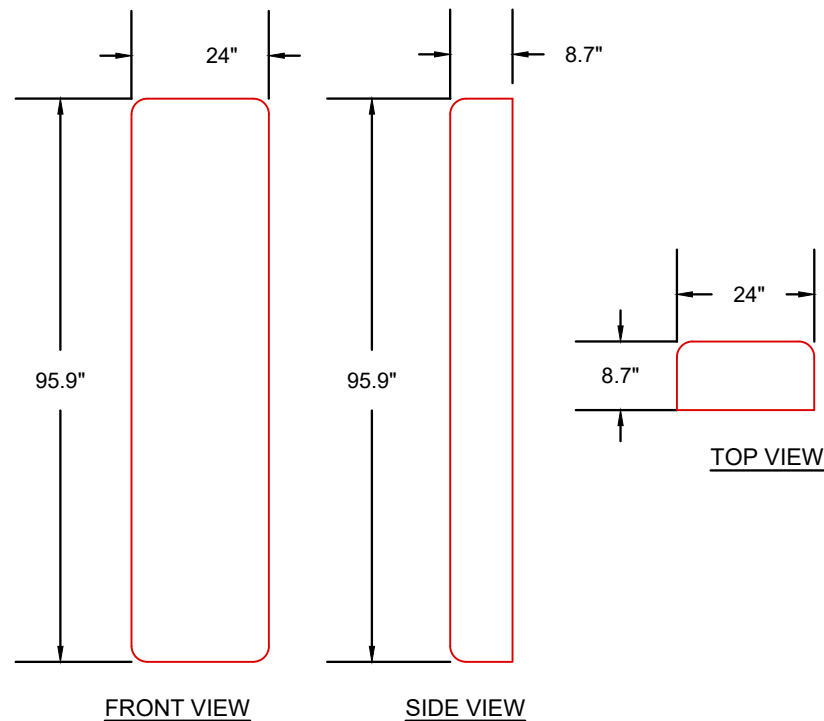
**ERICSSON AIR32 KRD901146-1 B66A/B2A  
(OCTA)**



PROPOSED NEW ANTENNA (3)

**ANTENNA DETAIL 4**

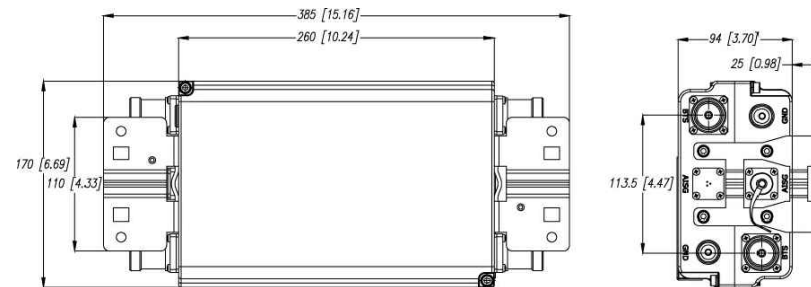
**RFS APXVAARR24 43-U-NA20 (OCTA)**



PROPOSED ANTENNA TO REPLACE:  
LNX-6515DS-A1M (DUAL) (3)

**TMA DETAIL 1**

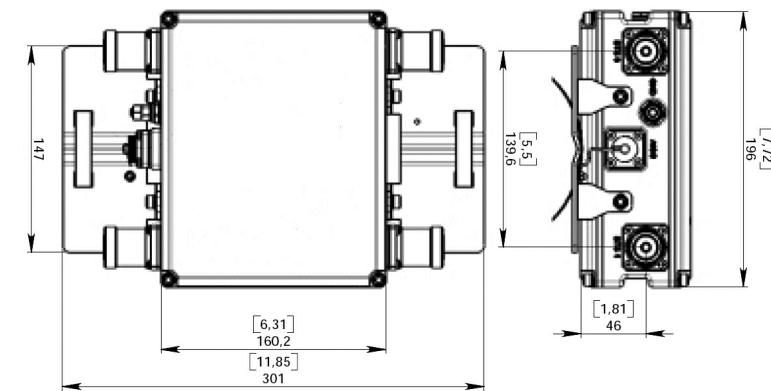
**COMMSCOPE  
GENERIC TWIN STYLE 1A - PCS  
(AtAntenna)**



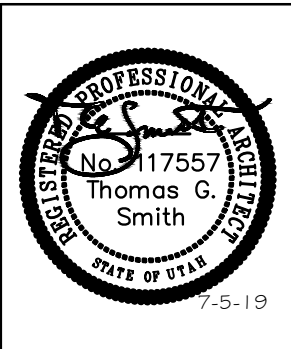
EXISTING - TO REMAIN (3)

**TMA 2**

**COMMSCOPE  
GENERIC TWIN STYLE 1B  
- AWS (AtAntenna)**



EXISTING - TO BE REPLACED (3)



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DRAWING TITLE:  
EQUIPMENT DETAIL

DRAWING NO.:  
**A-3**

**RRU DETAIL 1**

**ERICSSON 4449  
B71+B12**

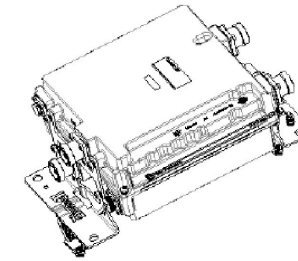


WEIGHT: 74 ± 4 lbs  
DIMENSIONS (H x W x D): 379.7mm x 335mm x 235+mm

**PROPOSED REPLACEMENT RRU (3)**

**RRU DETAIL 2**

**ERICSSON  
4415 B66A**

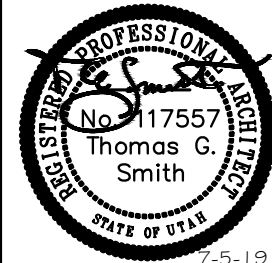


WEIGHT: 20 kg  
DIMENSIONS (H x W x D): 420mm x 342mm x 149mm

**PROPOSED NEW RRU (3)**



845 SOUTH MAIN, BOUNTIFUL, UTAH 84010  
801-298-5777 FAX 801-298-1677



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DRAWING  
TITLE:  
**EQUIPMENT  
DETAIL**

DRAWING NO.:  
**A-4**