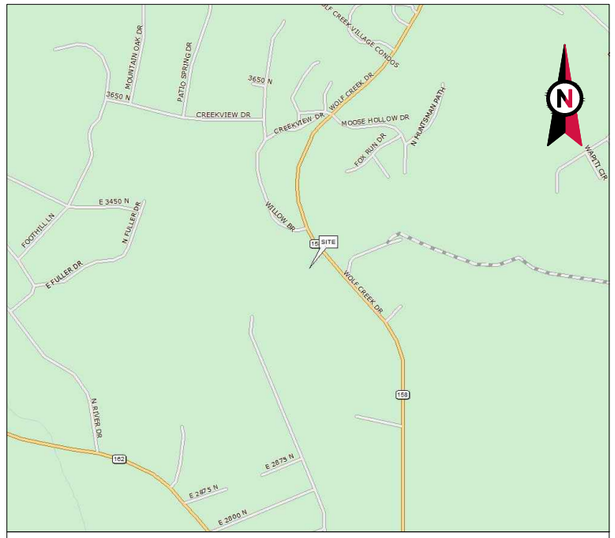

VICINITY MAP

AMERICAN TOWER®

ATC SITE NAME: LIBERTY UT
ATC SITE NUMBER: 280216
T-MOBILE SITE NAME: ATC, WOLF CREEK, EDEN UT
T-MOBILE SITE NUMBER: SL03051A
SITE ADDRESS: 4909 N WILLOWBROOKE LN
EDEN, UT 84310-9651

T-MOBILE ANCHOR AMENDMENT PLAN
67D53998E_1xAIR+1OP CONFIGURATION

LOCATION MAP

COMPLIANCE CODE

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

1. 2021 INTERNATIONAL BUILDING CODE (IBC)
2. 2020 NATIONAL ELECTRIC CODE (NEC)
3. LOCAL BUILDING CODE
4. CITY/COUNTY ORDINANCES

UTILITY COMPANIES

POWER COMPANY: PACIFICORP
PHONE: (888) 221-7070

TELEPHONE COMPANY: CENTURYLINK
PHONE: (800) 603-6000

811 Know what's below. Call before you dig.

PROJECT SUMMARY

SITE ADDRESS:

4909 N WILLOWBROOKE LN

EDEN, UT 84310-9651

COUNTY: WEBER

GEOGRAPHIC COORDINATES:

LATITUDE: 41.31935

LONGITUDE: -111.82952

GROUND ELEVATION: 5,069' AMSL

ZONING INFORMATION:

JURISDICTION: WEBER COUNTY

PARCEL ID: 223000002

PROJECT TEAM

TOWER OWNER:
AMERICAN TOWER
10 PRESIDENTIAL WAY
WOBURN, MA 01801

APPLICANT:
T-MOBILE WEST LLC
3650 131ST AVE SE
BELLEVUE, WA 98006

ENGINEER:
TEP
326 TRYON RD
RALEIGH, NC 27603

PROPERTY OWNER:
VALLEY STORAGE OF EDEN LLC
939 DEER MEADOW DRIVE
NORTH OGDEN, UT 844142937

PROJECT LOCATION DIRECTIONS

FROM SLC DRIVE NORTH ON I-15 FOR 16 MILES TO EXIT 324 AND DRIVE NORTH ON HWY 89 FOR 10.4 MILES AND TURN RIGHT ON I-84 FOR 4.4 MILES TO EXIT 92 AND DRIVE UNDER FREEWAY AND TURN RIGHT ONTO SR-167 FOR 2.8 MILES AND TURN RIGHT ONTO SR-167 TRAPPERS LOOP AND DRIVE 8.2 MILES AND TURN LEFT ONTO SR-39 FOR 3.7 MILES AND STAY RIGHT ONTO SR-158 AND DRIVE FOR 5 MILES TO THE STORAGE UNITS ON THE LEFT HAND SIDE.

PROJECT DESCRIPTION

THE PROPOSED PROJECT INCLUDES MODIFYING GROUND BASED AND TOWER MOUNTED EQUIPMENT AS INDICATED PER BELOW:

TOWER WORK:
REMOVE (3) ANTENNA(S), (6) RRU(s), AND (1) 1-3/8" (35.0MM) HYBRID CABLE(S).

INSTALL (3) ANTENNA(S), (3) RRU(s), AND (2) 2.00" (50.8MM) HYBRID TRUNK(S).

EXISTING (3) ANTENNA(S), (3) RRU(s), AND (1) 1.54" (39.2MM) HYBRID CABLE(S) TO REMAIN.

GROUND WORK:
REMOVE (1) RBS 6102 MU AC CABINET(S), (1) BB 5216(s), AND (1) DUW30(s).

INSTALL (2) RP6651(s), (2) 19 INCH RACK(S), AND (1) POWER 6230(s).

EXISTING (1) BB 6630(s) AND (1) CSR IXRE V2(s) TO BE INSTALLED IN NEW 19" RACK.

PROJECT NOTES

1. THE FACILITY IS UNMANNED.
2. A TECHNICIAN WILL VISIT THE SITE APPROXIMATELY ONCE A MONTH FOR ROUTINE INSPECTION AND MAINTENANCE.
3. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT LAND DISTURBANCE OR EFFECT OF STORM WATER DRAINAGE.
4. NO SANITARY SEWER, POTABLE WATER OR TRASH DISPOSAL IS REQUIRED.
5. HANDICAP ACCESS IS NOT REQUIRED.
6. THE PROJECT DEPICTED IN THESE PLANS QUALIFIES AS AN ELIGIBLE FACILITIES REQUEST ENTITLED TO EXPEDITED REVIEW UNDER 47 U.S.C. § 1455(A) AS A MODIFICATION OF AN EXISTING WIRELESS TOWER THAT INVOLVES THE COLLOCATION, REMOVAL, AND/OR REPLACEMENT OF TRANSMISSION EQUIPMENT THAT IS NOT A SUBSTANTIAL CHANGE UNDER CFR § 1.61000 (B)(7).

SHEET INDEX

SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:
G-001	TITLE SHEET	0	12/13/24	SSP
G-002	GENERAL NOTES	0	12/13/24	SSP
C-001	OVERALL SITE PLAN	0	12/13/24	SSP
C-101	DETAILED SITE PLAN	0	12/13/24	SSP
C-102	DETAILED EQUIPMENT LAYOUT	0	12/13/24	SSP
C-201	TOWER ELEVATION	0	12/13/24	SSP
C-401	ANTENNA INFORMATION & SCHEDULE	0	12/13/24	SSP
C-501	CONSTRUCTION DETAILS	0	12/13/24	SSP
E-501	GROUNDING DETAIL	0	12/13/24	SSP
R-601	SUPPLEMENTAL			
R-602	SUPPLEMENTAL			
R-603	SUPPLEMENTAL			
R-604	SUPPLEMENTAL			
R-605	SUPPLEMENTAL			
R-606	SUPPLEMENTAL			
R-607	SUPPLEMENTAL			

AMERICAN TOWER®

PLANS PREPARED BY:

TEP

326 TRYON ROAD
RALEIGH, NC 27603-3530
OFFICE: (919) 661-6351
www.tepgroup.net

REV.	DESCRIPTION	BY	DATE
A	PRELIMINARY	SSG	11/15/24
0	100% CONSTRUCTION	SSP	12/13/24

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280216

ATC SITE NAME:

LIBERTY UT

T-MOBILE SITE NAME:

SL03051A

SITE ADDRESS:
4909 N WILLOWBROOKE LN
EDEN, UT 84310-9651

TEP OPCO, LLC
REGISTERED PROFESSIONAL ENGINEER
No. 13561209-2202
ANDREW RAGNAR BERGLUND
STATE OF UTAH

SEAL: 12/13/24

T-Mobile

DATE DRAWN:	12/13/24
ATC JOB NO:	14911687
CUSTOMER NAME:	ATC, WOLF CREEK, EDEN UT
CUSTOMER ID:	SL03051A

TITLE SHEET

SHEET NUMBER:	REVISION:
G-001	0

GENERAL CONSTRUCTION NOTES:

1. OWNER FURNISHED MATERIALS, T-MOBILE "THE COMPANY" WILL PROVIDE AND THE CONTRACTOR WILL INSTALL
   - A. BTS EQUIPMENT FRAME (PLATFORM) AND ICEBRIDGE SHELTER (GROUND BUILD/CO-LOCATE ONLY)
   - B. AC/TELCO INTERFACE BOX (PPC)
   - C. ICE BRIDGE (CABLE TRAY WITH COVER) (GROUND BUILD/CO-LOCATE ONLY, GC TO FURNISH AND INSTALL FOR ROOFTOP INSTALLATION)
   - D. TOWERS, MONOPOLES
   - E. TOWER LIGHTING
   - F. GENERATORS & LIQUID PROPANE TANK
   - G. ANTENNA STANDARD BRACKETS, FRAMES AND PIPES FOR MOUNTING
   - H. ANTENNAS (INSTALLED BY OTHERS)
   - I. TRANSMISSION LINE
   - J. TRANSMISSION LINE JUMPERS
   - K. TRANSMISSION LINE CONNECTORS WITH WEATHERPROOFING KITS
   - L. TRANSMISSION LINE GROUND KITS
   - M. HANGERS
   - N. HOISTING GRIPS
   - O. BTS EQUIPMENT
2. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL OTHER MATERIALS FOR THE COMPLETE INSTALLATION OF THE SITE INCLUDING, BUT NOT LIMITED TO, SUCH MATERIALS AS FENCING, STRUCTURAL STEEL SUPPORTING SUB-FRAME FOR PLATFORM, ROOFING LABOR AND MATERIALS, GROUNDING RINGS, GROUNDING WIRES, COPPER-CLAD OR XIT CHEMICAL GROUND ROD(S), BUSS BARS, TRANSFORMERS AND DISCONNECT SWITCHES WHERE APPLICABLE, TEMPORARY ELECTRICAL POWER, CONDUIT, LANDSCAPING COMPOUND STONE, CRANES, CORE DRILLING, SLEEPERS AND RUBBER MATTING, REBAR, CONCRETE CAISSONS, PADS AND/OR AUGER MOUNTS, MISCELLANEOUS FASTENERS, CABLE TRAYS, NON-STANDARD ANTENNA FRAMES AND ALL OTHER MATERIAL AND LABOR REQUIRED TO COMPLETE THE JOB ACCORDING TO THE DRAWINGS AND SPECIFICATIONS. IT IS THE POSITION OF T-MOBILE TO APPLY FOR PERMITTING AND CONTRACTOR RESPONSIBLE FOR PICKUP AND PAYMENT OF REQUIRED PERMITS.
3. ALL WORK SHALL CONFORM TO ALL CURRENT APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING ANSI/EIA/TIA-222, AND COMPLY WITH ATC CONSTRUCTION SPECIFICATIONS.
4. CONTRACTOR SHALL CONTACT LOCAL 811 FOR IDENTIFICATION OF UNDERGROUND UTILITIES PRIOR TO START OF CONSTRUCTION.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED INSPECTIONS.
6. ALL DIMENSIONS TO, OF, AND ON EXISTING BUILDINGS, DRAINAGE STRUCTURES, AND SITE IMPROVEMENTS SHALL BE VERIFIED IN FIELD BY CONTRACTOR WITH ALL DISCREPANCIES REPORTED TO THE ENGINEER.
7. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS.
8. DETAILS SHOWN ARE TYPICAL; SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.
9. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
10. CONTRACTOR SHALL BRACE STRUCTURES UNTIL ALL STRUCTURAL ELEMENTS NEEDED FOR STABILITY ARE INSTALLED. THESE ELEMENTS ARE AS FOLLOWS: LATERAL BRACING, ANCHOR BOLTS, ETC.
11. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES, GROUNDS DRAINS, DRAIN PIPES, VENTS, ETC. BEFORE COMMENCING WORK.
12. INCORRECTLY FABRICATED, DAMAGED, OR OTHERWISE MISFITTING OR NONCONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE T-MOBILE REP PRIOR TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH REMEDIAL ACTION SHALL REQUIRE WRITTEN APPROVAL BY THE T-MOBILE REP PRIOR TO PROCEEDING.
13. EACH CONTRACTOR SHALL COOPERATE WITH THE T-MOBILE REP, AND COORDINATE HIS WORK WITH THE WORK OF OTHERS.
14. CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED BY CONSTRUCTION OF THIS PROJECT TO MATCH EXISTING PRE-CONSTRUCTION CONDITIONS TO THE SATISFACTION OF THE T-MOBILE CONSTRUCTION MANAGER.
15. ALL CABLE/CONDUIT ENTRY/EXIT PORTS SHALL BE WEATHERPROOFED DURING INSTALLATION USING A SILICONE SEALANT.
16. WHERE EXISTING CONDITIONS DO NOT MATCH THOSE SHOWN IN THIS PLAN SET, CONTRACTOR SHALL NOTIFY THE T-MOBILE REP AND ENGINEER OF RECORD IMMEDIATELY.
17. CONTRACTOR SHALL ENSURE ALL SUBCONTRACTORS ARE PROVIDED WITH A COMPLETE AND CURRENT SET OF DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.
18. CONTRACTOR SHALL REMOVE ALL RUBBISH AND DEBRIS FROM THE SITE AT THE END OF EACH DAY.
19. CONTRACTOR SHALL COORDINATE WORK SCHEDULE WITH AMERICAN TOWER CORPORATION (ATC) AND TAKE PRECAUTIONS TO MINIMIZE IMPACT AND DISRUPTION OF OTHER OCCUPANTS OF THE FACILITY.
20. CONTRACTOR SHALL FURNISH T-MOBILE AND AMERICAN TOWER CORPORATION (ATC) WITH A PDF MARKED UP AS-BUILT SET OF DRAWINGS UPON COMPLETION OF WORK.
21. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH T-MOBILE REP TO DETERMINE WHAT, IF ANY, ITEMS WILL BE PROVIDED. ALL ITEMS NOT PROVIDED SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR. CONTRACTOR WILL INSTALL ALL ITEMS PROVIDED.
22. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH T-MOBILE REP TO DETERMINE IF ANY PERMITS WILL BE OBTAINED BY CONTRACTOR. ALL REQUIRED PERMITS NOT OBTAINED BY T-MOBILE MUST BE OBTAINED, AND PAID FOR, BY THE CONTRACTOR.
23. CONTRACTOR SHALL INSTALL ALL SITE SIGNAGE IN ACCORDANCE WITH T-MOBILE SPECIFICATIONS AND REQUIREMENTS.
24. CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS TO T-MOBILE FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
25. ALL EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND LOCATED ACCORDING TO T-MOBILE SPECIFICATIONS, AND AS SHOWN IN THESE PLANS.
26. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
27. CONTRACTOR SHALL NOTIFY T-MOBILE REP A MINIMUM OF 48 HOURS IN ADVANCE OF POURING CONCRETE OR BACKFILLING ANY UNDERGROUND UTILITIES, FOUNDATIONS OR SEALING ANY WALL, FLOOR OR ROOF PENETRATIONS FOR ENGINEERING REVIEW AND APPROVAL.
28. WHEN THE PROJECT SCOPE REQUIRES THE USE OF THE SAFETY CLIMB, THE GENERAL CONTRACTOR SHALL ENSURE THE SAFETY CLIMB IS FREE OF OBSTRUCTIONS, NOT RUBBING ON OR TRAPPED BY ANY INSTALLED CUSTOMER EQUIPMENT, IS VISUALLY TAUT, MEETS MANUFACTURER INSTALLATION SPECIFICATIONS, AND IS FIRMLY SECURED AT ALL CABLE GUIDE LOCATIONS UPON PROJECT COMPLETION.
29. COMPLETION OF PROJECT SHALL NOT OBSTRUCT, TRAP, LOOSEN, OR OTHERWISE CAUSE FAILURE TO MEET MANUFACTURER INSTALLATION REQUIREMENTS FOR THE SAFETY CLIMB.
30. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SAFETY INCLUDING COMPLIANCE WITH ALL APPLICABLE OSHA STANDARDS AND RECOMMENDATIONS AND SHALL PROVIDE ALL NECESSARY SAFETY DEVICES INCLUDING PPE AND PPM AND CONSTRUCTION DEVICES SUCH AS WELDING AND FIRE PREVENTION, TEMPORARY SHORING, SCAFFOLDING, TRENCH BOXES/SLOPING, BARRIERS, ETC.
31. THE CONTRACTOR SHALL PROTECT AT HIS OWN EXPENSE, ALL EXISTING FACILITIES AND SUCH OF HIS NEW WORK LIABLE TO INJURY DURING THE CONSTRUCTION PERIOD. ANY DAMAGE CAUSED BY NEGLECT ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, OR BY THE ELEMENTS DUE TO NEGLECT ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, EITHER TO THE EXISTING WORK, OR TO HIS WORK OR THE WORK OF ANY OTHER CONTRACTOR, SHALL BE REPAIRED AT HIS EXPENSE TO THE OWNER'S SATISFACTION.
32. ALL WORK SHALL BE INSTALLED IN A FIRST CLASS, NEAT AND WORKMANLIKE MANNER BY MECHANICS SKILLED IN THE TRADE INVOLVED. THE QUALITY OF WORKMANSHIP SHALL BE SUBJECT TO THE APPROVAL OF THE T-MOBILE REP. ANY WORK FOUND BY THE T-MOBILE REP TO BE OF INFERIOR QUALITY AND/OR WORKMANSHIP SHALL BE REPLACED AND/OR REWORKED AT CONTRACTOR EXPENSE UNTIL APPROVAL IS OBTAINED.
33. IN ORDER TO ESTABLISH STANDARDS OF QUALITY AND PERFORMANCE, ALL TYPES OF MATERIALS LISTED HEREINAFTER BY MANUFACTURER'S NAMES AND/OR MANUFACTURER'S CATALOG NUMBER SHALL BE PROVIDED BY THESE MANUFACTURERS AS SPECIFIED.
34. T-MOBILE FURNISHED EQUIPMENT SHALL BE PICKED-UP AT THE T-MOBILE WAREHOUSE, NO LATER THAN 48HR AFTER BEING NOTIFIED INSURED, STORED, UNCRATE, PROTECTED AND INSTALLED BY THE CONTRACTOR WITH ALL APPURTENANCES REQUIRED TO PLACE THE EQUIPMENT IN OPERATION, READY FOR USE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EQUIPMENT AFTER PICKING IT UP.
35. T-MOBILE OR HIS ARCHITECT/ENGINEER RESERVES THE RIGHT TO REJECT ANY EQUIPMENT OR MATERIALS WHICH, IN HIS OWN OPINION ARE NOT IN COMPLIANCE WITH THE CONTRACT DOCUMENTS, EITHER BEFORE OR AFTER INSTALLATION AND THE EQUIPMENT SHALL BE REPLACED WITH EQUIPMENT CONFORMING TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS BY THE CONTRACTOR AT NO COST TO T-MOBILE OR THEIR ARCHITECT/ENGINEER.

SPECIAL CONSTRUCTION ANTENNA INSTALLATION NOTES:

1. WORK INCLUDED:

A. ANTENNA AND COAXIAL/HYBRID CABLES ARE FURNISHED BY T-MOBILE UNDER A SEPARATE CONTRACT. THE CONTRACTOR SHALL ASSIST ANTENNA INSTALLATION CONTRACTOR IN TERMS OF COORDINATION AND SITE ACCESS. ERECTION SUBCONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF PERSONNEL.

B. INSTALL ANTENNAS AS INDICATED ON DRAWINGS AND T-MOBILE SPECIFICATIONS.

C. INSTALL GALVANIZED STEEL ANTENNA MOUNTS AS INDICATED ON DRAWINGS.

D. INSTALL FURNISHED GALVANIZED STEEL OR ALUMINUM WAVEGUIDE.

E. INSTALL COAXIAL/HYBRID CABLES AND TERMINATING BETWEEN ANTENNAS AND EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS. WEATHERPROOF ALL CONNECTIONS BETWEEN THE ANTENNA AND EQUIPMENT PER MANUFACTURER'S REQUIREMENTS. TERMINATE ALL COAXIAL/HYBRID CABLE THREE (3) FEET IN EXCESS OF ENTRY PORT LOCATION UNLESS OTHERWISE STATED.

2. ANTENNA AND COAXIAL/HYBRID CABLE GROUNDING:

A. ALL EXTERIOR #6 GREEN GROUND WIRE "DAISY CHAIN" CONNECTIONS ARE TO BE WEATHER SEALED WITH RFS CONNECTORS/SPLICE WEATHERPROOFING KIT #221213 OR EQUAL.

B. ALL COAXIAL/HYBRID CABLE GROUNDING KITS ARE TO BE INSTALLED ON STRAIGHT RUNS OF COAXIAL/HYBRID CABLE (NOT WITHIN BENDS)

ALL DISCREPANCIES FROM WHAT IS SHOWN ON THESE CONSTRUCTION DRAWINGS SHALL BE COMMUNICATED TO ATC ENGINEERING IMMEDIATELY FOR CORRECTION OR RE-DESIGN. FAILURE TO COMMUNICATE DIRECTLY WITH ATC ENGINEERING OR ANY CHANGES FROM THE DESIGN CONDUCTED WITHOUT PRIOR APPROVAL FROM ATC ENGINEERING SHALL BE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR.

AMERICAN TOWER®

PLANS PREPARED BY:

TEP

326 TRYON ROAD
RALEIGH, NC 27603-3530
OFFICE: (919) 661-6351
www.tepgroup.net

REV.	DESCRIPTION	BY	DATE
A	PRELIMINARY	SSG	11/15/24
0	100% CONSTRUCTION	SSP	12/13/24

ATC SITE NUMBER:
280216

ATC SITE NAME:

LIBERTY UT

T-MOBILE SITE NAME:

SL03051A

SITE ADDRESS:
4909 N WILLOWBROOKE LN
EDEN, UT 84310-9651

TEP OPCO, LLC

PROFESSIONAL ENGINEER
No. 13562092202
ANDREW RAGNAR BERGLUND
STATE OF UTAH

SEAL: 12/13/24

T-Mobile

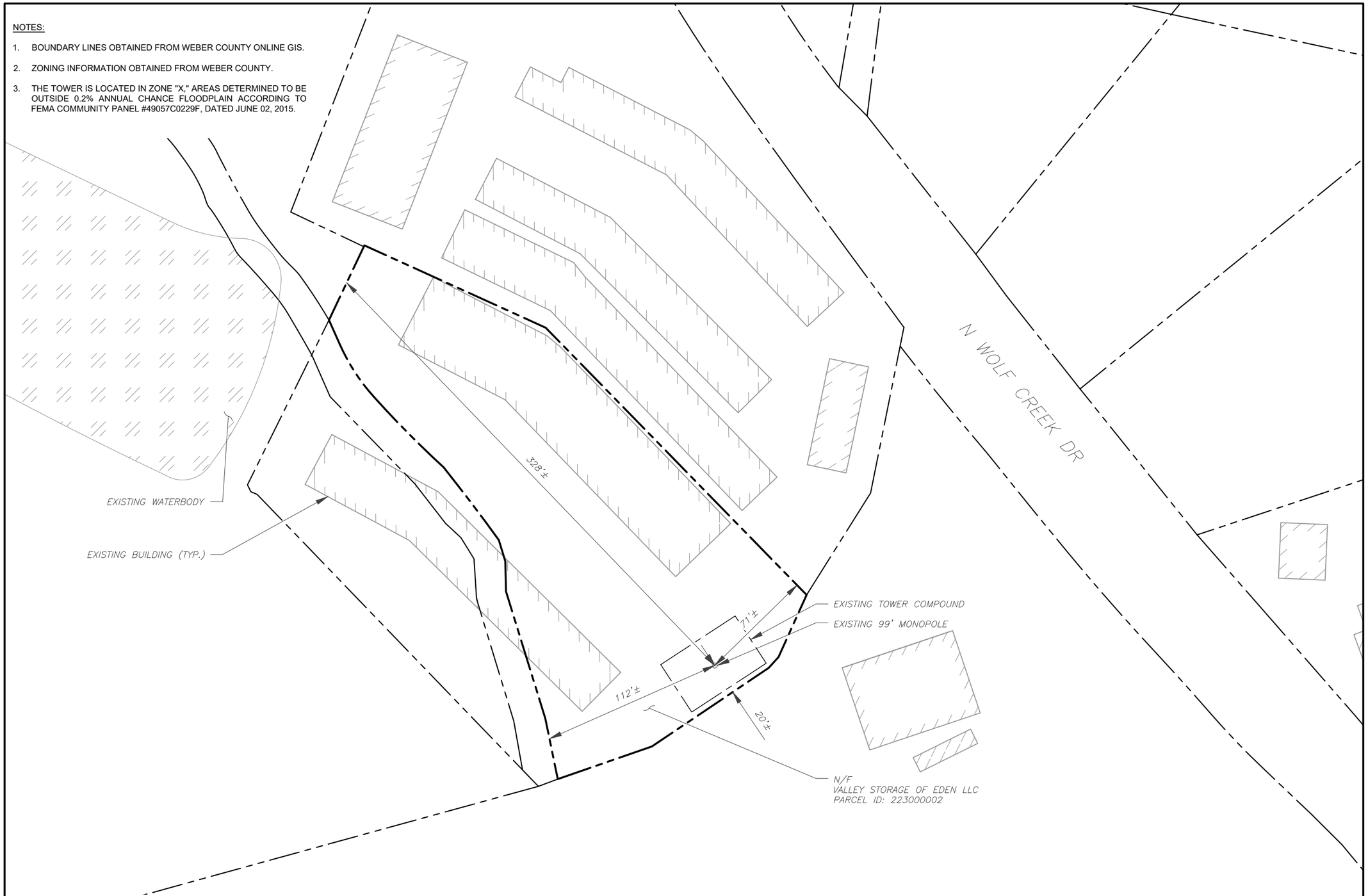
DATE DRAWN:	12/13/24
ATC JOB NO:	14911687
CUSTOMER NAME:	ATC, WOLF CREEK, EDEN UT
CUSTOMER ID:	SL03051A

GENERAL NOTES

SHEET NUMBER:	REVISION:
G-002	0

NOTES:

1. BOUNDARY LINES OBTAINED FROM WEBER COUNTY ONLINE GIS.
2. ZONING INFORMATION OBTAINED FROM WEBER COUNTY.
3. THE TOWER IS LOCATED IN ZONE "X," AREAS DETERMINED TO BE OUTSIDE 0.2% ANNUAL CHANCE FLOODPLAIN ACCORDING TO FEMA COMMUNITY PANEL #49057C0229F, DATED JUNE 02, 2015.



LEGEND

- EXISTING PROPERTY LINE
- EXISTING ADJACENT PROPERTY LINE
- EXISTING LEASE AREA

1 OVERALL SITE PLAN

SCALE 1" = 60'

0 60' 120'

SCALE: 1"=60' (11X17)
1"=30' (22X34)

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TEP OPCO, LLC

PROFESSIONAL ENGINEER
No. 13561209-2202
ANDREW RAGNAR BERGLUND
STATE OF UTAH

SEAL: 12/13/24

T-Mobile

DATE DRAWN:	12/13/24
ATC JOB NO:	14911687
CUSTOMER NAME:	ATC, WOLF CREEK, EDEN UT
CUSTOMER ID:	SL03051A

OVERALL SITE PLAN

SHEET NUMBER:	REVISION:
C-001	0

SITE PLAN NOTES:

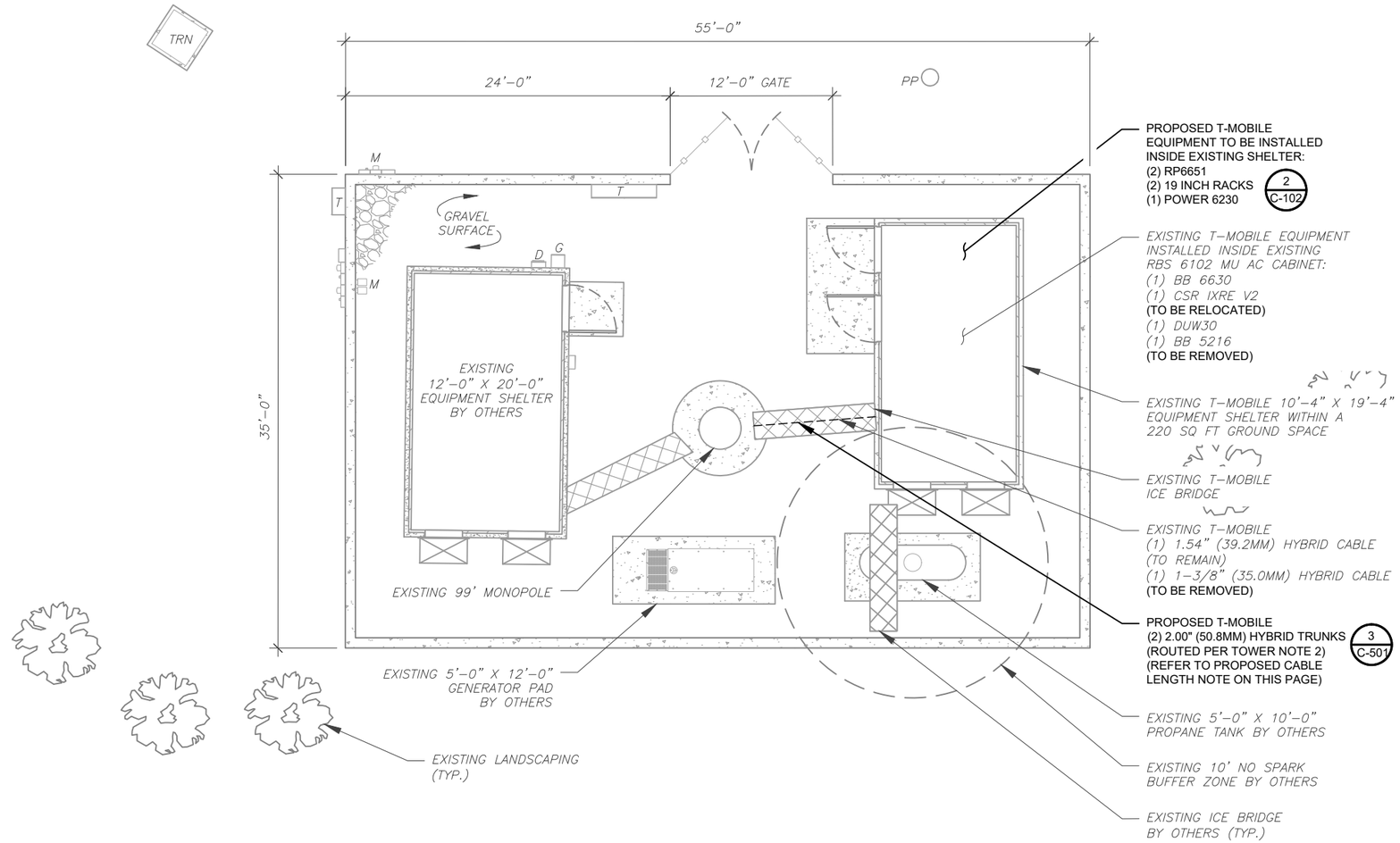
1. THIS SITE PLAN REPRESENTS THE BEST PRESENT KNOWLEDGE AVAILABLE TO THE ENGINEER AT THE TIME OF THIS DESIGN. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO CONSTRUCTION AND VERIFY ALL EXISTING CONDITIONS RELATED TO THE SCOPE OF WORK FOR THIS PROJECT.

2. ICE BRIDGE, CABLE LADDER, COAX PORT, AND COAX CABLE ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL PROPOSED AND EXISTING EQUIPMENT AND STRUCTURES DEPICTED ON THIS PLAN. BEFORE UTILIZING EXISTING CABLE SUPPORTS, COAX PORTS, INSTALLING NEW PORTS OR ANY OTHER EQUIPMENT, CONTRACTOR SHALL VERIFY ALL ASPECTS OF THE COMPONENTS MEET THE ATC SPECIFICATIONS.

3. THIS CONSTRUCTION DRAWING SET IS NOT INTENDED TO ADDRESS ANY ELECTRICAL UPGRADES NEEDED. ANY ELECTRICAL UPGRADES WILL BE SHOWN IN A SEPARATE CONSTRUCTION DRAWING SET.

LEGEND

⊗	GROUNDING TEST WELL
ATS	AUTOMATIC TRANSFER SWITCH
B	BOLLARD
CSC	CELL SITE CABINET
D	DISCONNECT
E	ELECTRICAL
F	FIBER
GEN	GENERATOR
G	GENERATOR RECEPTACLE
HH, V	HAND HOLE, VAULT
IB	ICE BRIDGE
K	KENTROX BOX
LC	LIGHTING CONTROL
M	METER
PB	PULL BOX
PP	POWER POLE
T	TELCO
TRN	TRANSFORMER
	CHAINLINK FENCE



PROPOSED CABLE NOTES:

1. ESTIMATED LENGTH OF PROPOSED CABLE IS **125'**. ESTIMATED LENGTH OF CABLE WAS PROVIDED BY CUSTOMER OR CALCULATED BY ADDING THE RAD CENTER AND THE DISTANCE FROM THE SHELTER ENTRY PLATE TO THE TOWER (ALONG THE ICE BRIDGE) AND A SAFETY FACTOR MEASUREMENT OF 15% (OF THE TWO PREVIOUS VALUES), CDS DEFER TO GREATEST CABLE LENGTH.
2. ROUTE PROPOSED CABLES ALONG SAME PATH AS EXISTING CABLES AND IN ACCORDANCE WITH STRUCTURAL ANALYSIS. IF ADEQUATE SPACE EXISTS, ROUTE CABLES THROUGH ENTRY PORT HOLE, UP INSIDE OF MONOPOLE, AND THROUGH EXIT PORT HOLE. IF ROUTING OUTSIDE THE MONOPOLE, ATTACH CABLES USING STAND-OFF ADAPTERS MOUNTED TO TOWER USING STAINLESS STEEL BANDING. ADEQUATELY SECURE CABLES USING EITHER APPROPRIATELY SIZED STAINLESS STEEL SNAP-INS OR MOUNTING HARDWARE AND BRACKETS AS SPECIFIED BY CABLE MANUFACTURER.

1 DETAILED SITE PLAN
SCALE: 1" = 10'

0 10' 20'

SCALE: 1"=10' (11X17)
1"=5' (22X34)

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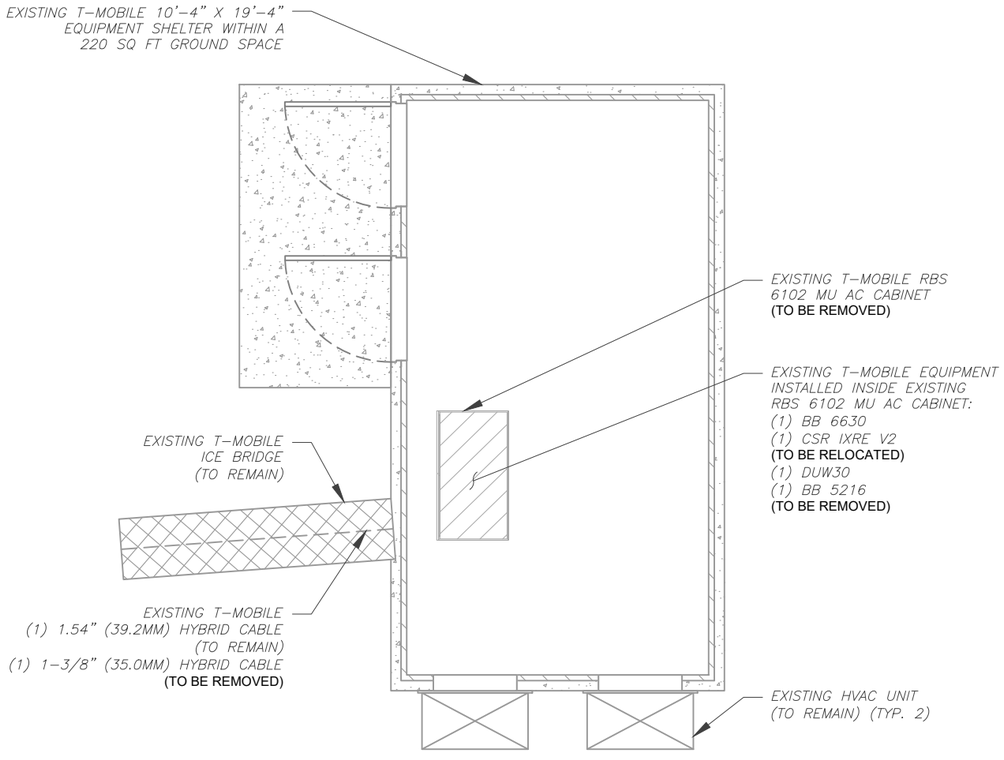
CUSTOMER ID:	SL03051A

DETAILED SITE PLAN

SHEET NUMBER:	REVISION:
C-101	0

SITE PLAN NOTES:

1. CONTRACTOR TO VERIFY THERE IS NO LIVE AAV FIBER RUNNING THROUGH EXISTING DEAD EQUIPMENT. IF SO, THIS WILL NEED TO BE RERUN THROUGH CONDUIT PRIOR TO REMOVING DEAD 2G (6201 CABS) EQUIPMENT.
2. ALL OPEN PORTS NEED TO BE SEALED / WEATHERPROOFED PROPERLY
3. ALL UNNEEDED / EXCESS EQUIPMENT AND GARBAGE TO BE REMOVED FROM EQUIPMENT AREA. DISPOSE OF MATERIALS PROPERLY OFF SITE.



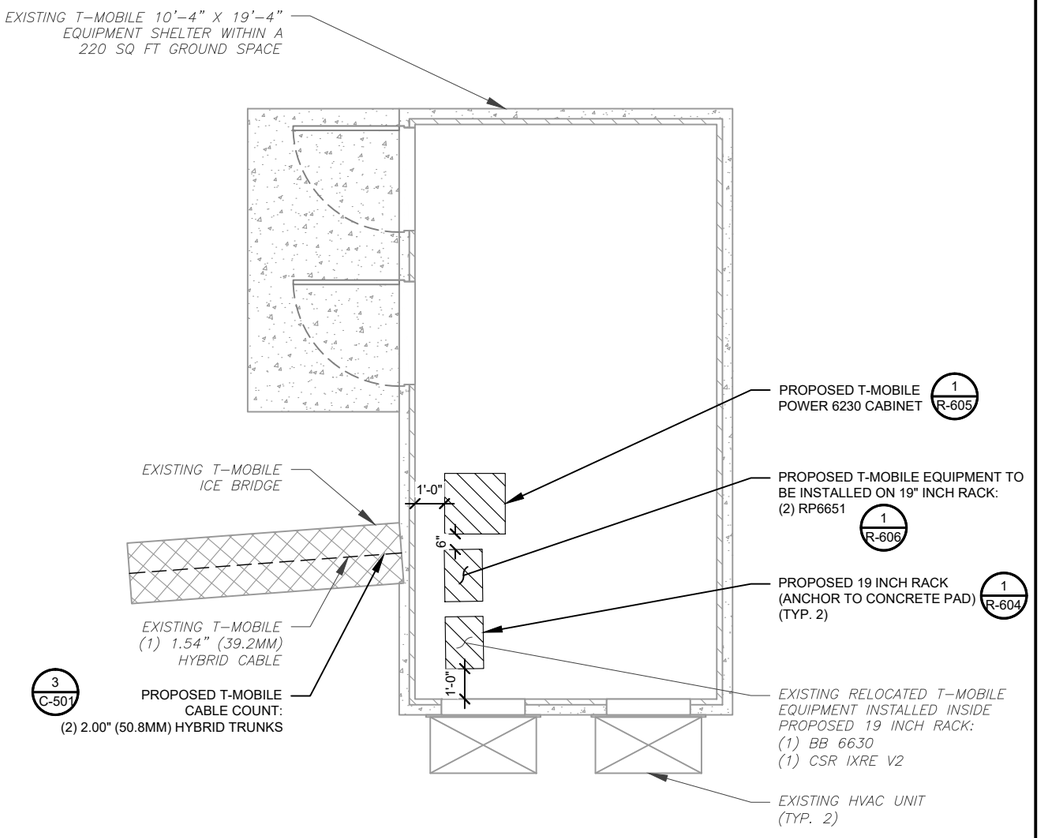
1 EXISTING GROUND EQUIPMENT LAYOUT

SCALE: 1" = 5'

0 5' 10'

SCALE: 1"=5' (11X17)
1"=2.5' (22X34)

T-MOBILE CM APPROVAL REQUIRED BEFORE INSTALLING CABINETS.



2 PROPOSED GROUND EQUIPMENT LAYOUT

SCALE: 1" = 5'

0 5' 10'

SCALE: 1"=5' (11X17)
1"=2.5' (22X34)

AMERICAN TOWER®

PLANS PREPARED BY:

TEP

326 TRYON ROAD
RALEIGH, NC 27603-3530
OFFICE: (919) 661-6351
www.tepgroup.net

REV.	DESCRIPTION	BY	DATE
A	PRELIMINARY	SSG	11/15/24
0	100% CONSTRUCTION	SSP	12/13/24

ATC SITE NUMBER:
280216

ATC SITE NAME:
LIBERTY UT

T-MOBILE SITE NAME:
SL03051A

SITE ADDRESS:
4909 N WILLOWBROOKE LN
EDEN, UT 84310-9651

TEP OPCO, LLC

PROFESSIONAL ENGINEER
No. 13561209-2202
ANDREW RAGNAR BERGLUND
STATE OF UTAH

SEAL: 12/13/24

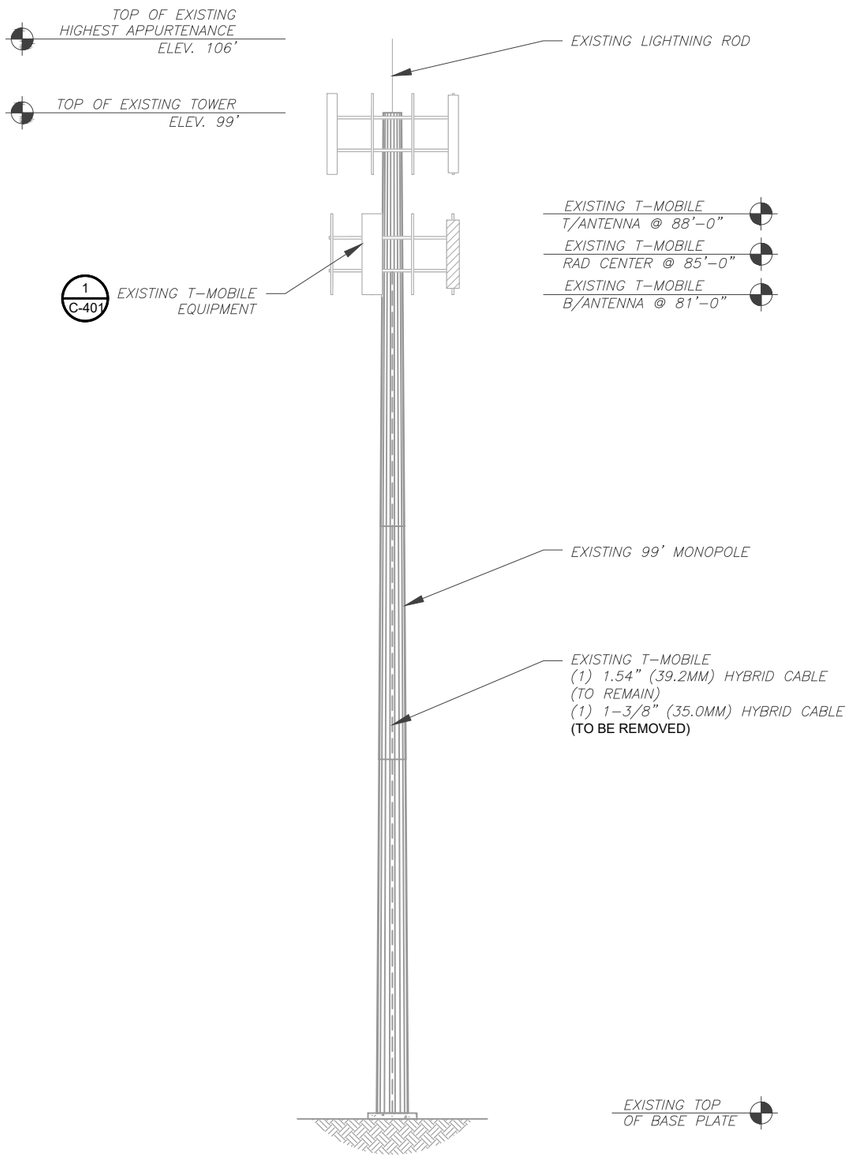
T-Mobile

DATE DRAWN:	12/13/24
ATC JOB NO:	14911687
CUSTOMER NAME:	ATC, WOLF CREEK, EDEN UT
CUSTOMER ID:	SL03051A

DETAILED EQUIPMENT LAYOUT

SHEET NUMBER:	REVISION:
C-102	0

EXISTING CABLING SUMMARY		
COAX	HYBRID/FIBER	STATUS
–	*(1) 1.54" (39.2mm)*	*RMN*
–	(1) 1.54" (39.2mm)	RMV

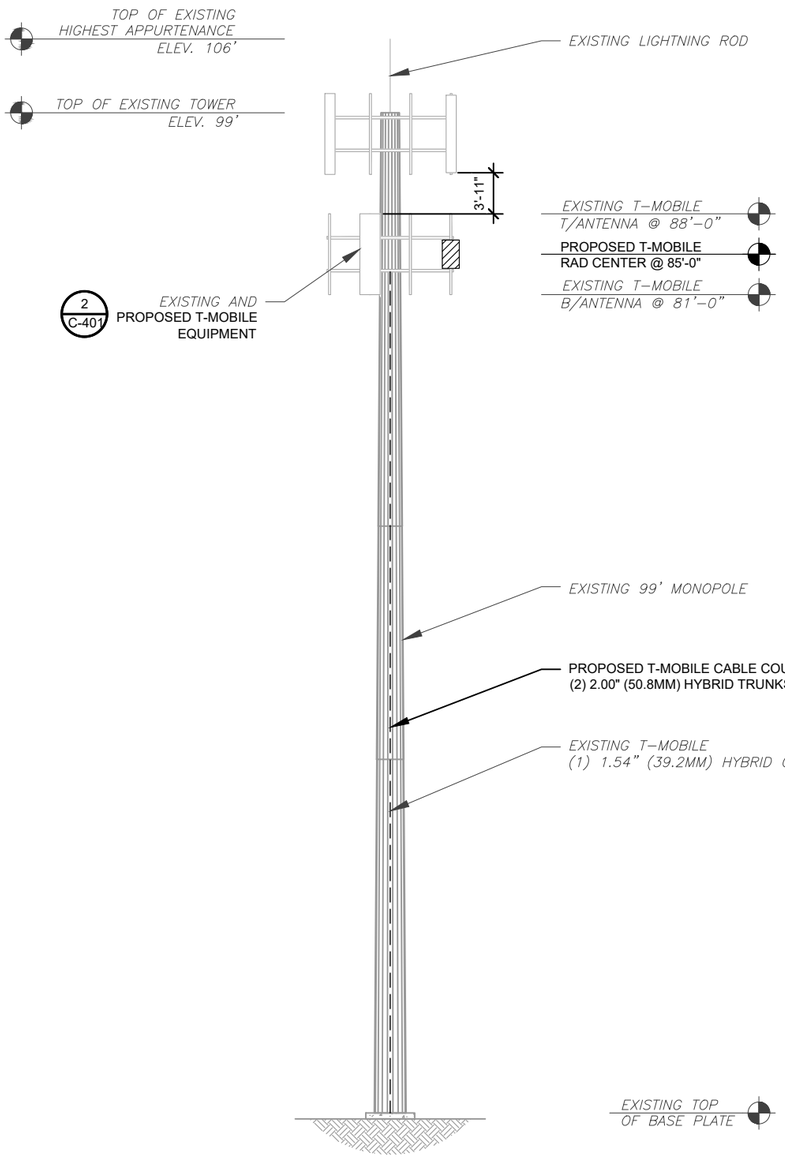


1 EXISTING TOWER ELEVATION

SCALE: N.T.S.

FINAL CABLING SUMMARY		
COAX	HYBRID/FIBER	STATUS
–	*(1) 1.54" (39.2mm)*	*RMN*
–	(2) 2.00" (50.8mm)	ADD

PER MOUNT ANALYSIS COMPLETED BY SMJ INTERNATIONAL, DATED NOVEMBER 7, 2024 THE EXISTING MOUNT CAN ADEQUATELY SUPPORT THE PROPOSED LOADING.



2 PROPOSED TOWER ELEVATION

SCALE: N.T.S.

TOWER NOTES:

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM WITH THE PROJECT MANAGER THAT THEY HAVE THE MOST RECENT VERSION OF THE STRUCTURAL ANALYSIS BEFORE COMMENCING WORK. EXISTING AND PROPOSED TOWER APPURTENANCES, MOUNTS, AND ANTENNAS ARE SHOWN BASED ON THE STRUCTURAL ANALYSIS.
2. WHERE APPLICABLE, ALL NEW ANTENNAS, EQUIPMENT, MOUNTS, CABLING, ETC. SHALL BE PAINTED/SOCKED TO MATCH EXISTING EQUIPMENT IN ACCORDANCE WITH FAA, JURISDICTION, AND/OR OTHER LOCAL REQUIREMENTS.
3. ROUTE PROPOSED CABLES ALONG SAME PATH AS EXISTING CABLES AND IN ACCORDANCE WITH STRUCTURAL ANALYSIS. IF ADEQUATE SPACE EXISTS, ROUTE CABLES THROUGH ENTRY PORT HOLE, UP INSIDE OF MONOPOLE, AND THROUGH EXIT PORT HOLE. IF ROUTING OUTSIDE THE MONOPOLE, ATTACH CABLES USING STAND-OFF ADAPTERS MOUNTED TO TOWER USING STAINLESS STEEL BANDING. ADEQUATELY SECURE CABLES USING EITHER APPROPRIATELY SIZED STAINLESS STEEL SNAP-INS OR MOUNTING HARDWARE AND BRACKETS AS SPECIFIED BY CABLE MANUFACTURER.
4. TOWER ELEVATION DEPICTION MAY NOT REFLECT ALL EQUIPMENT INCLUDED IN STRUCTURAL ANALYSIS. REFER TO STRUCTURAL ANALYSIS FOR FULL TOWER LOADING.

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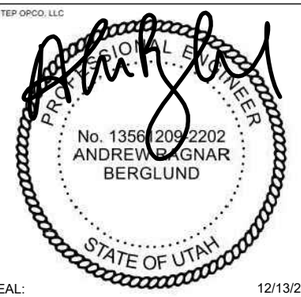
TEP OPCO, LLC



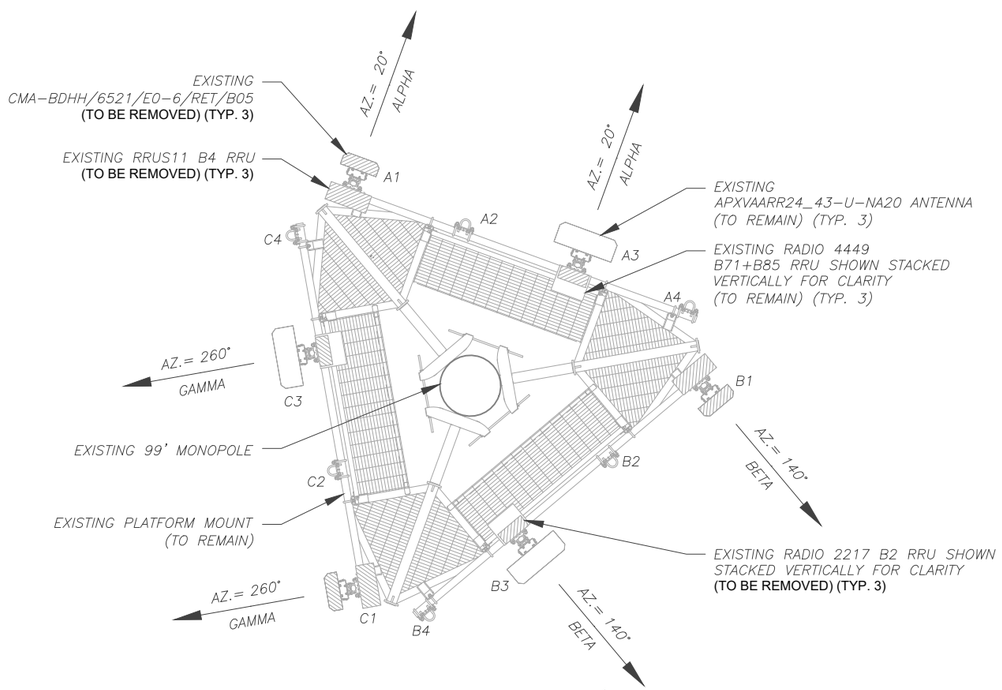
SEAL: 12/13/24

T-Mobile

DATE DRAWN:	12/13/24
ATC JOB NO:	14911687
CUSTOMER NAME:	ATC, WOLF CREEK, EDEN UT
CUSTOMER ID:	SL03051A

TOWER ELEVATION

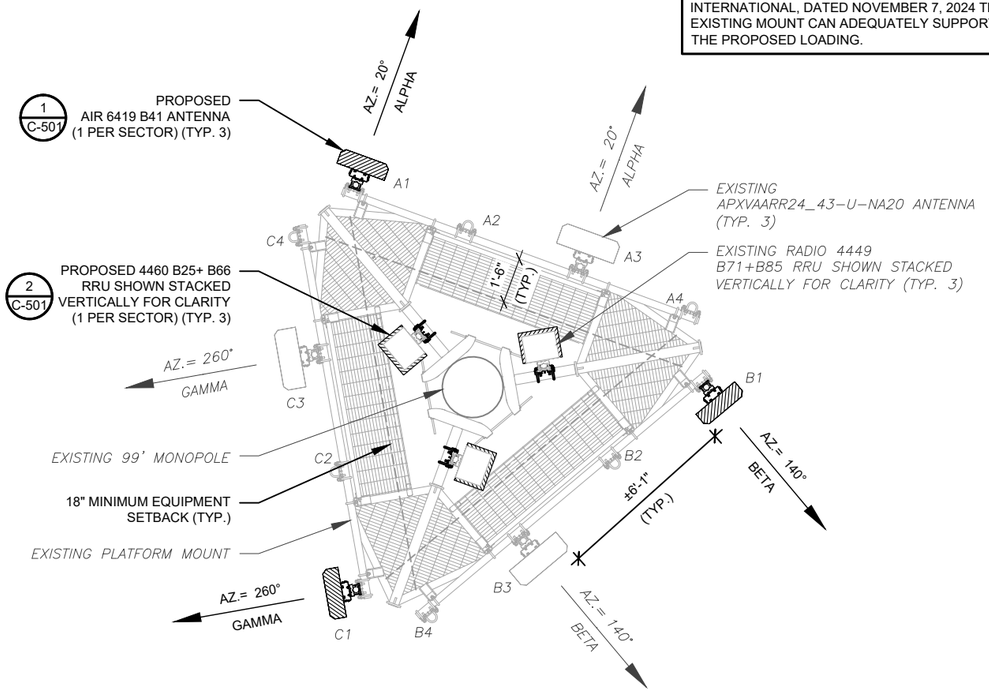
SHEET NUMBER:	REVISION:
C-201	0



1 EXISTING ANTENNA PLAN

SCALE: N.T.S.

PER MOUNT ANALYSIS COMPLETED BY SMJ INTERNATIONAL, DATED NOVEMBER 7, 2024 THE EXISTING MOUNT CAN ADEQUATELY SUPPORT THE PROPOSED LOADING.



2 FINAL ANTENNA PLAN

SCALE: N.T.S.

EXISTING ANTENNA SCHEDULE

LOCATION			ANTENNA SUMMARY					NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	MECH/ ELEC D-TILT	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	85'	20°	A1	CMA-BDHH/6521/E0-6/RET/B05	U1900/L1900	-4°/2°,2°	RMV	(1) RRUS11 B4 RRU	RMV
			A2	–	–	–	–	–	–
			A3	APXVAARR24_43-U-NA20	L700/L600/N600	-6°/2°,2°	RMN	(1) RADIO 2217 B2 (1) 4449 B71+B85	RMV RMN
			A4	–	–	–	–	–	–
BETA	85'	140°	B1	CMA-BDHH/6521/E0-6/RET/B05	U1900/L1900	0°/2°,2°	RMV	(1) RRUS11 B4 RRU	RMV
			B2	–	–	–	–	–	–
			B3	APXVAARR24_43-U-NA20	L700/L600/N600	0°/2°,2°	RMN	(1) RADIO 2217 B2 (1) 4449 B71+B85	RMV RMN
			B4	–	–	–	–	–	–
GAMMA	85'	260°	C1	CMA-BDHH/6521/E0-6/RET/B05	U1900/L1900	0°/2°,2°	RMV	(1) RRUS11 B4 RRU	RMV
			C2	–	–	–	–	–	–
			C3	APXVAARR24_43-U-NA20	L700/L600/N600	0°/2°,2°	RMN	(1) RADIO 2217 B2 (1) 4449 B71+B85	RMV RMN
			C4	–	–	–	–	–	–

NOTES

1. CONFIRM WITH T-MOBILE REP FOR APPLICABLE UPDATES/REVISIONS AND MOST RECENT RFDS FOR NSN CONFIGURATION (CONFIG). GC TO CAP ALL UNUSED PORTS.
2. CONFIRM SPACING OF PROPOSED EQUIP DOES NOT CAUSE TOWER CONFLICTS NOR IMPEDE TOWER CLIMBING PEGS.
3. TEP DID NOT VERIFY THE EXISTING LOADING. LOADING DATA PROVIDED BY ATC AND T-MOBILE.

STATUS ABBREVIATIONS

RMV: TO BE REMOVED
RMN: TO REMAIN
REL: TO BE RELOCATED
ADD: TO BE ADDED

CABLE LENGTHS FOR JUMPERS

JUNCTION BOX TO RRU: 15'
RRU TO ANTENNA: 10'

FINAL ANTENNA SCHEDULE

LOCATION			ANTENNA SUMMARY					NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	MECH/ ELEC D-TILT	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	85'	20°	A1	AIR 6419 B41	N2500	0°/2°,2°	ADD	-	-
			A2	-	-	-	-	-	-
			A3	APXVAARR24_43-U-NA20	N600/L700/L600 LAWS3/N1900/N1900 /L2100	-6°/2°,2°,2°,2°	RMN	(1) 4449 B71+B85 (1) 4460 B25+B66	RMN ADD
			A4	-	-	-	-	-	-
BETA	85'	140°	B1	AIR 6419 B41	N2500	0°/2°,2°	ADD	-	-
			B2	-	-	-	-	-	-
			B3	APXVAARR24_43-U-NA20	N600/L700/L600 LAWS3/N1900/N1900 /L2100	0°/2°,2°,2°,2°	RMN	(1) 4449 B71+B85 (1) 4460 B25+B66	RMN ADD
			B4	-	-	-	-	-	-
GAMMA	85'	260°	C1	AIR 6419 B41	N2500	0°/2°,2°	ADD	-	-
			C2	-	-	-	-	-	-
			C3	APXVAARR24_43-U-NA20	N600/L700/L600 LAWS3/N1900/N1900 /L2100	0°/2°,2°,2°,2°	RMN	(1) 4449 B71+B85 (1) 4460 B25+B66	RMN ADD
			C4	-	-	-	-	-	-

EXISTING FIBER DISTRIBUTION/OVP BOX		EXISTING CABLING SUMMARY		
MODEL NUMBER	STATUS	COAX	HYBRID	STATUS
–	–	–	(1) 1.54" (39.2MM)	RMN
–	–	–	(1) 1-3/8" (35.0MM)	RMV

3 EQUIPMENT SCHEDULES

PROPOSED FIBER DISTRIBUTION/OVP BOX		PROPOSED CABLING SUMMARY		
MODEL NUMBER	STATUS	COAX	HYBRID	STATUS
–	–	–	(1) 1.54" (39.2MM)	RMN
–	–	–	(2) 2.00" (50.8MM)	ADD

AMERICAN TOWER®

PLANS PREPARED BY:

TEP

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REV.	DESCRIPTION	BY	DATE
A	PRELIMINARY	SSG	11/15/24
0	100% CONSTRUCTION	SSP	12/13/24

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280216

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T-MOBILE SITE NAME:
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SITE ADDRESS:
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PROFESSIONAL ENGINEER
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STATE OF UTAH

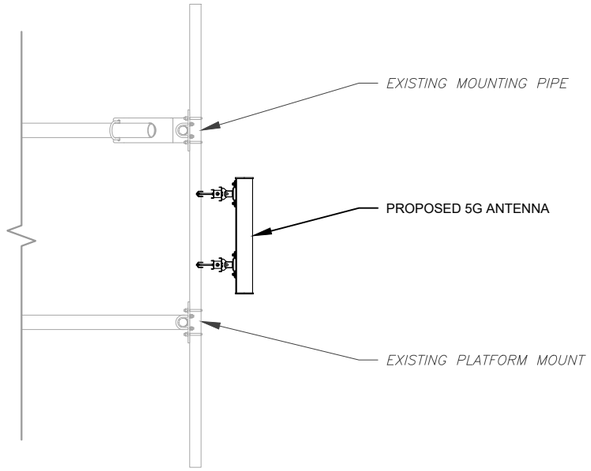
SEAL: 12/13/24

T-Mobile

DATE DRAWN:	12/13/24
ATC JOB NO:	14911687
CUSTOMER NAME:	ATC, WOLF CREEK, EDEN UT
CUSTOMER ID:	SL03051A

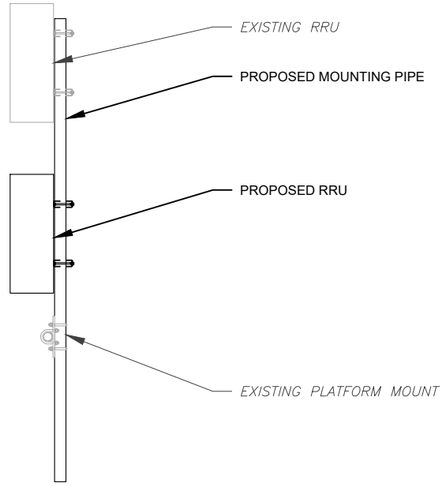
ANTENNA INFORMATION & SCHEDULE

SHEET NUMBER:	REVISION:
C-401	0



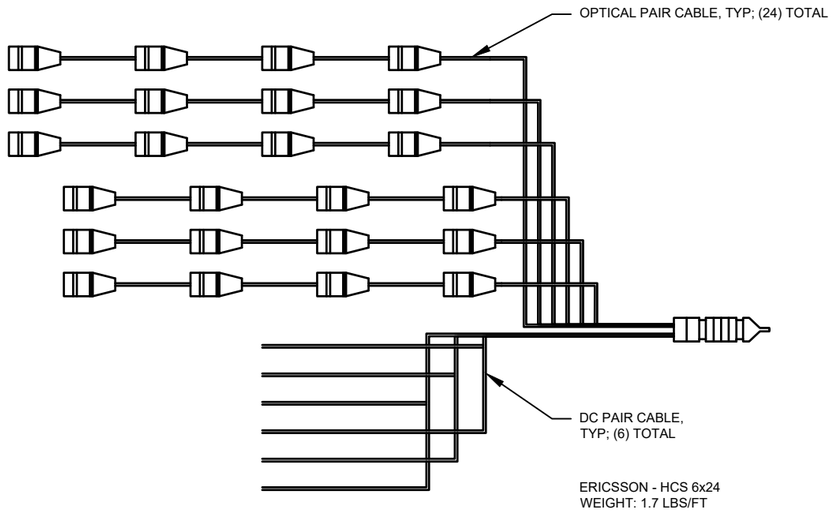
1 PROPOSED ANTENNA MOUNTING DETAIL

SCALE: N.T.S.



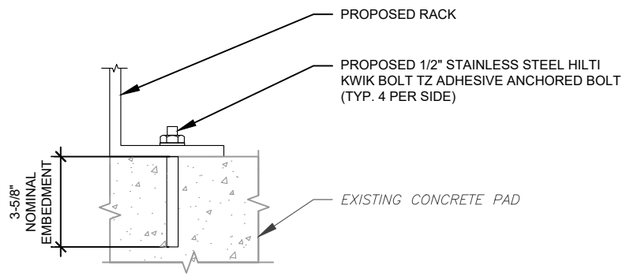
2 PROPOSED RRU MOUNTING DETAIL

SCALE: N.T.S.



3 PROPOSED HCS DETAIL

SCALE: N.T.S.



NOTE:

INSTALL SIMPSON STRONG-TIE® STRONG-BOLT® 2 WEDGE ANCHOR(S) STRICTLY PER INSTALLATION INSTRUCTIONS INCLUDED WITH PRODUCT OR FOUND ONLINE AT WWW.STRONGTIE.COM. PROPER INSTALLATION IS CRITICAL FOR FULL PERFORMANCE.

4 RACK ATTACHMENT DETAIL

SCALE: N.T.S.

AMERICAN TOWER®

PLANS PREPARED BY:

TEP

326 TRYON ROAD
RALEIGH, NC 27603-3530
OFFICE: (919) 661-6351
www.tepgroup.net

REV.	DESCRIPTION	BY	DATE
A	PRELIMINARY	SSG	11/15/24
0	100% CONSTRUCTION	SSP	12/13/24

ATC SITE NUMBER:
280216

ATC SITE NAME:
LIBERTY UT

T-MOBILE SITE NAME:
SL03051A

SITE ADDRESS:
4909 N WILLOWBROOKE LN
EDEN, UT 84310-9651

TEP OPCO, LLC
PROFESSIONAL ENGINEER
No. 13561209-2202
ANDREW RAGNAR BERGLUND
STATE OF UTAH

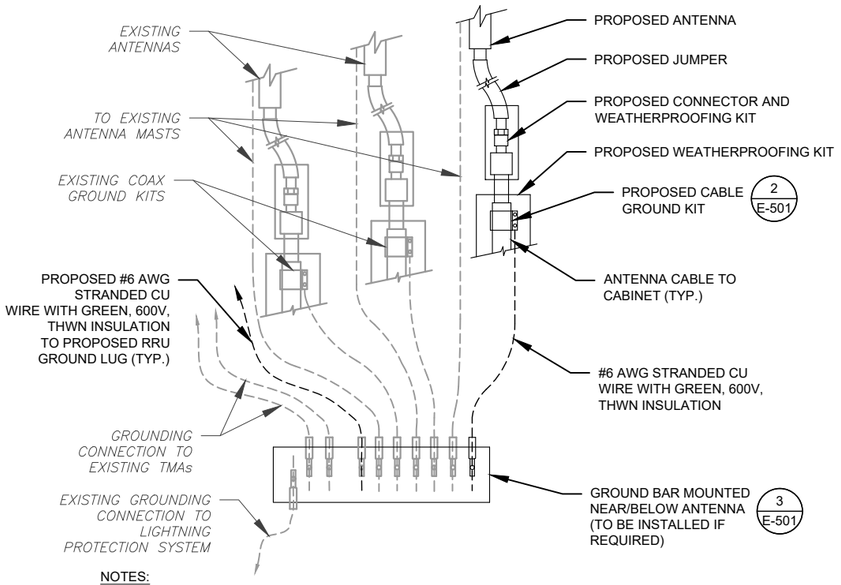
SEAL: 12/13/24

T-Mobile

DATE DRAWN:	12/13/24
ATC JOB NO:	14911687
CUSTOMER NAME:	ATC, WOLF CREEK, EDEN UT
CUSTOMER ID:	SL03051A

CONSTRUCTION DETAILS

SHEET NUMBER:	REVISION:
C-501	0

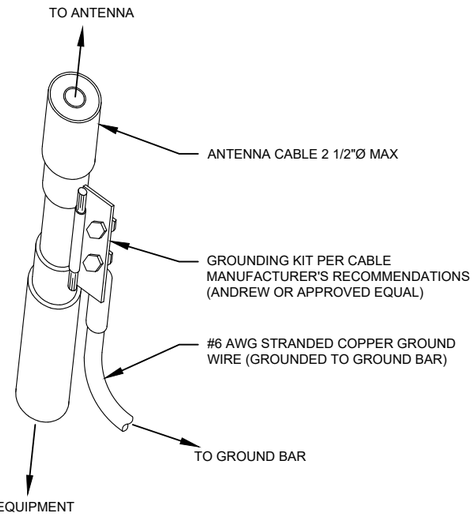


NOTES:

1. THIS DETAIL IS INTENDED TO SHOW THE GENERAL GROUNDING REQUIREMENTS. SLIGHT ADJUSTMENTS MAY BE REQUIRED BASED ON EXISTING SITE CONDITIONS. THE CONTRACTOR SHALL MAKE FIELD ADJUSTMENTS AS NEEDED AND INFORM THE CONSTRUCTION MANAGER OF ANY CONFLICTS.
2. SITE GROUNDING SHALL COMPLY WITH T-MOBILE GROUNDING STANDARDS, LATEST EDITION, AND COMPLY WITH T-MOBILE GROUNDING CHECKLIST, LATEST VERSION. WHEN NATIONAL AND LOCAL GROUNDING CODES ARE MORE STRINGENT THEY SHALL GOVERN.

1 TYPICAL ANTENNA GROUNDING DIAGRAM

SCALE: N.T.S.

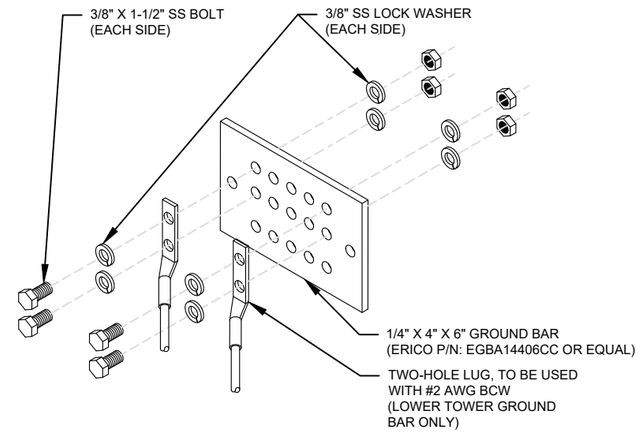


GROUND KIT NOTES:

1. DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO GROUND BAR.
2. CONTRACTOR SHALL PROVIDE WEATHERPROOFING KIT (ANDREW PART NUMBER 221213) AND INSTALL/TAPE PER MANUFACTURER'S SPECIFICATIONS.

2 CABLE GROUND KIT CONNECTION DETAIL

SCALE: N.T.S.

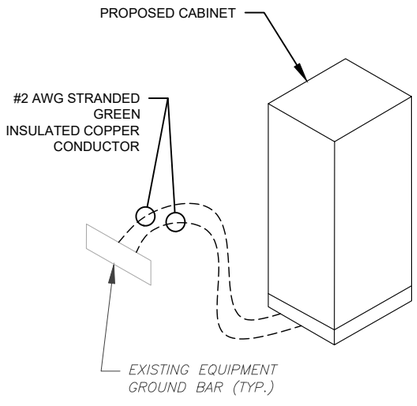


GROUND BAR NOTES:

1. GROUND BAR KITS COME WITH ALL HARDWARE, NUTS, BOLTS, WASHERS, ETC. EXCEPT THE STRUCTURAL MOUNTING MEMBER(S).
2. GROUND BAR TO BE BONDED DIRECTLY TO TOWER.

3 TOWER GROUND BAR DETAIL

SCALE: N.T.S.



4 CABINET GROUNDING DETAIL

SCALE: N.T.S.

ELECTRICAL NOTES:

1. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE T-MOBILE REPRESENTATIVE AND LOCAL UTILITY COMPANY FOR THE INSTALLATION OF CONDUITS, CONDUCTORS, BREAKERS, DISCONNECTS, OR ANY OTHER EQUIPMENT REQUIRED FOR ELECTRICAL SERVICE. ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH LATEST EDITION OF THE STATE AND NATIONAL CODES, ORDINANCES AND REGULATIONS APPLICABLE TO THIS PROJECT.
2. ATC HAS NOT VERIFIED ANY EXISTING T-MOBILE GROUND EQUIPMENT OR ELECTRICAL LOADING. PROPOSED WORK BASED ON INSTALLATION CONFIGURATION PROVIDED BY T-MOBILE. CONTRACTOR TO VERIFY EXISTING T-MOBILE PANEL HAS SUFFICIENT SPACE FOR PROPOSED BREAKER. PROPOSED CABLE AND CONDUIT SHALL BE MINIMUM SIZE PER BELOW IN CHART.
3. FOR SPECIFIC CABINET / ANCILLARY EQUIPMENT WIRING REQUIREMENTS, THE T-MOBILE CONTRACTOR SHOULD REFERENCE DESIGN DOCUMENTS PROVIDED BY T-MOBILE FOR THIS CURRENT PROJECT CONFIGURATION, IN ACCORDANCE WITH LOCAL JURISDICTION REQUIREMENTS & NEC STANDARDS & PRACTICES.

VOLTS	OCPD SIZE	WIRE SIZE	GROUND	CONDUIT
120/240V OR 120/208V	80A/2P	3-#3 AWG	#8 AWG	1-1/4"
	100/2P	3-#2 AWG	#8 AWG	1-1/4"
	125A/2P	3-#3/0 AWG	#6 AWG	2"
	150A/2P	3-#3/0 AWG	#6 AWG	2"
	200A/2P	3-#3/0 AWG	#6 AWG	2"
240V OR 208V	80A/2P	2-#3 AWG	#8 AWG	1-1/4"
	100/2P	2-#2 AWG	#8 AWG	1-1/4"
	125A/2P	2-#3/0 AWG	#6 AWG	2"
	150A/2P	2-#3/0 AWG	#6 AWG	2"
	200A/2P	2-#3/0 AWG	#6 AWG	2"

5 ELECTRICAL NOTES

SCALE: N.T.S.

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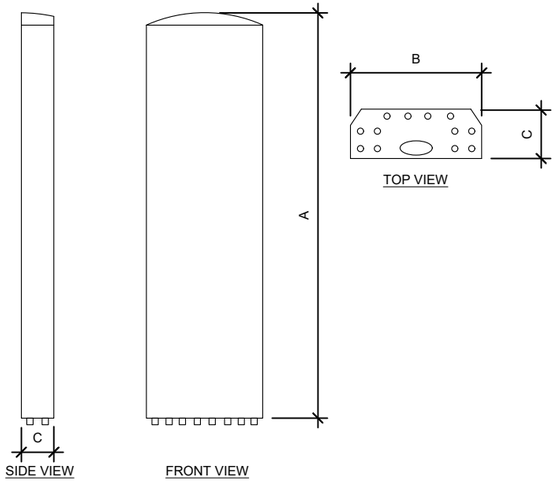
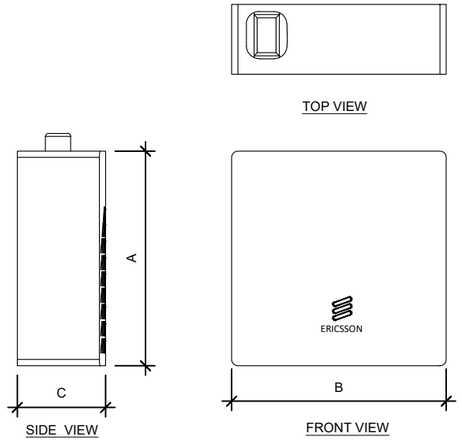
CUSTOMER ID:	SL03051A

GROUNDING DETAILS

SHEET NUMBER:	REVISION:
E-501	0



ANTENNA SPECIFICATIONS				
ANTENNA MODEL	A	B	C	WEIGHT (LBS)
AIR 6419 B41	33.6"	20.0"	6.3"	68.5



RRU SPECIFICATIONS				
RRU MODEL	A	B	C	WEIGHT (LBS)
RADIO 4460 B25+B66	19.6"	15.7"	12.1"	109.0

- EQUIPMENT SPECIFICATIONS

SCALE: N.T.S.

SUPPLEMENTAL

SHEET NUMBER: R-601

REVISION: -

Existing RAN Equipment		
Template:		
Enclosure	**1**	**2**
Enclosure Type	RBS 6102 MU AC	Ancillary Equipment (Ericsson)
Baseband	BB 5216: L2100 BB 6630: N600, L600, L700 DUW30: U1900 (DECOMMISSIONED)	
Transport System	CSR IXRe V2 (Gen2)	
Hybrid Cable System		Ericsson 6x12 HCS 6AWG 40m **(x 2)**

1 EXISTING CABINET CONFIGURATION
SCALE: N.T.S.

Proposed RAN Equipment			
Template: 67D5D3998E Indoor			
Enclosure	**1**	**2**	**3**
Enclosure Type	Ericsson - 19 Inch Rack	Ericsson - 19 Inch Rack	Power 6230 v2
Baseband	BB 6630: N600, L600, L700 RP 6651: N2500 RP 6651: N1900, L1900, L2100, LAWS3		
Transport System	CSR IXRe V2 (Gen2)		
Hybrid Cable System		Ericsson 6x12 HCS 6AWG 40m Hybrid Trunk 6/24 4AWG 40m **(x 2)**	
RAN Scope of Work:			

2 PROPOSED CABINET CONFIGURATION
SCALE: N.T.S.

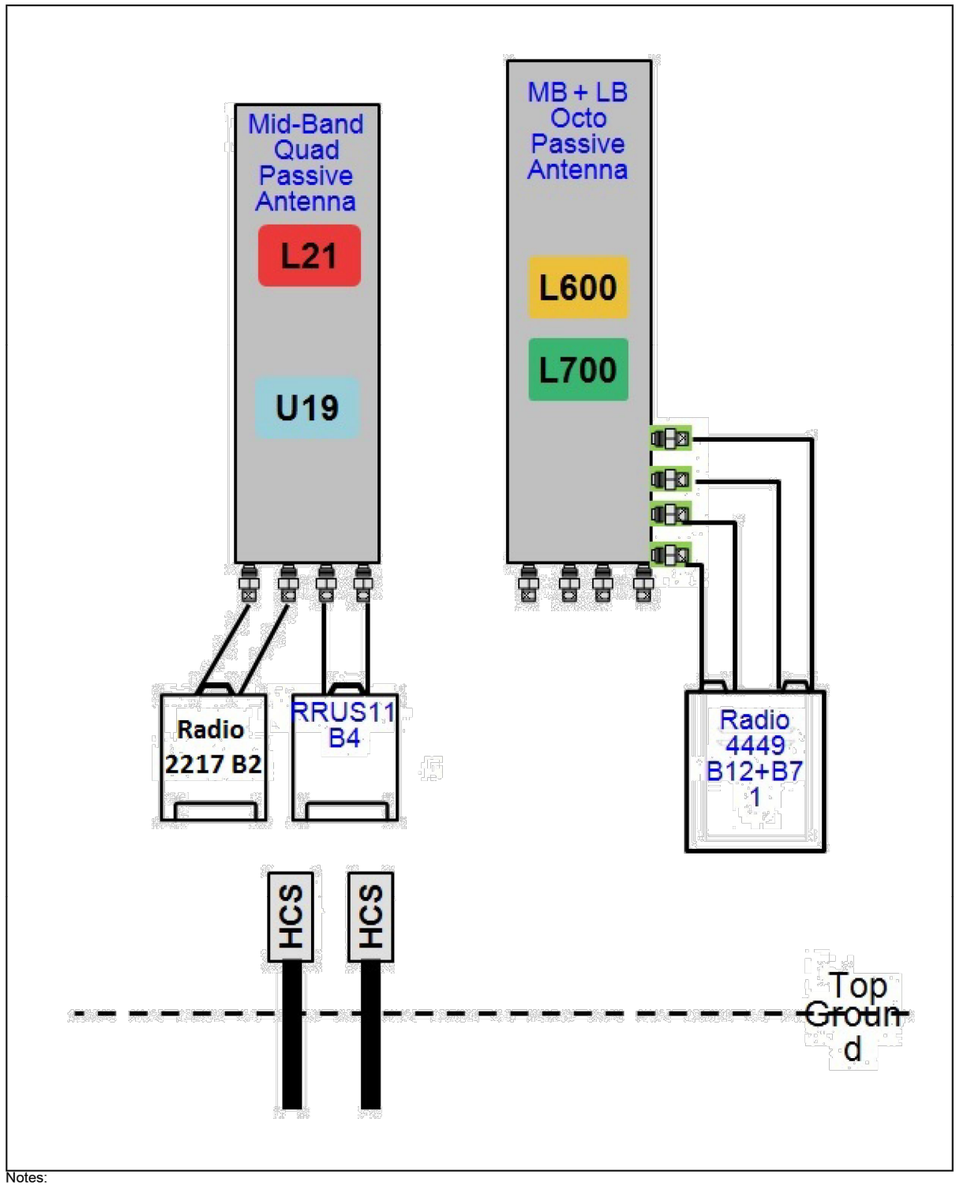
NOTE: THIS SHEET WAS CREATED BY OTHERS AND PROVIDED AT THE REQUEST OF THE CUSTOMER WITHOUT EDIT.

SUPPLEMENTAL

SHEET NUMBER: R-602

REVISION: -

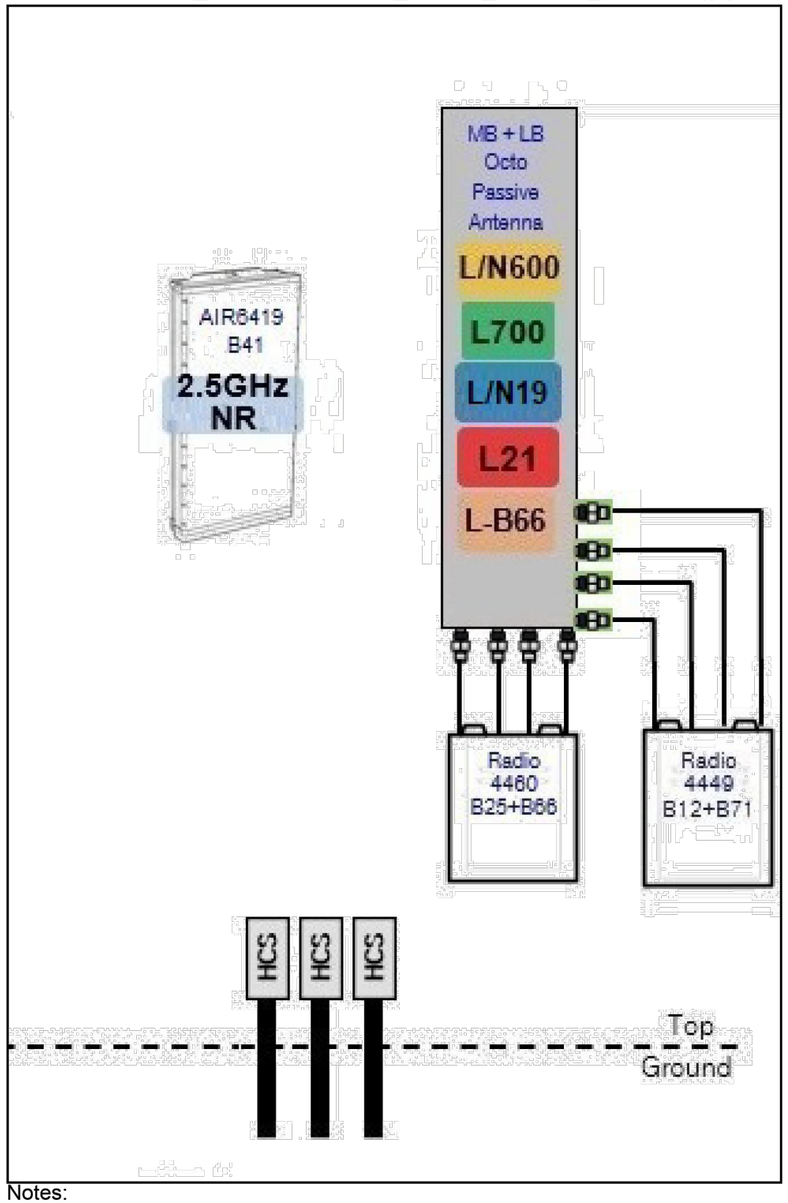
10/16/24, 12:50 PM SL03051A_Anchor_4_2024-10-16



Notes:

1 EXISTING ANTENNA CONFIGURATION
SCALE: N.T.S.

67D5D3998E_1xAIR6419+1xOP_03HCS_NoCSFB_wN19 VS.jpg



Notes:

2 PROPOSED ANTENNA CONFIGURATION
SCALE: N.T.S.

NOTE: THIS SHEET WAS CREATED BY OTHERS AND PROVIDED AT THE REQUEST OF THE CUSTOMER WITHOUT EDIT.

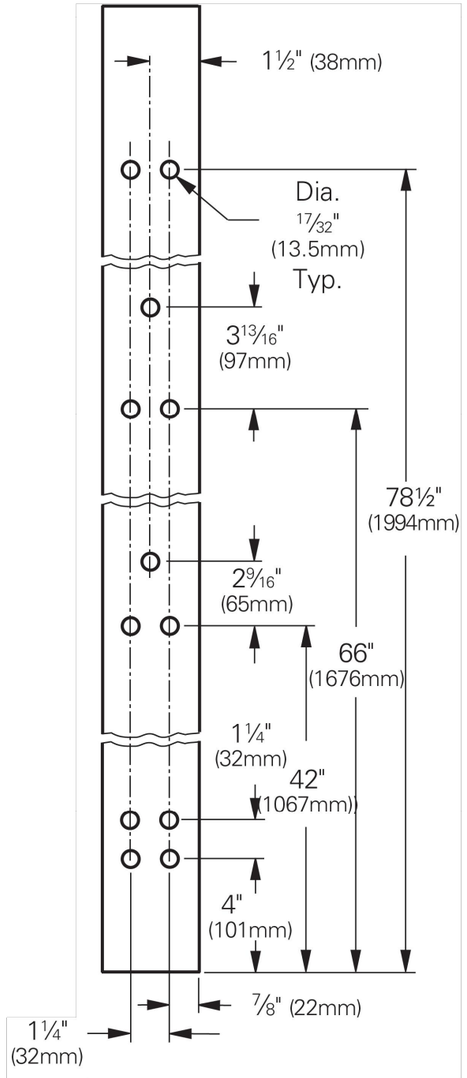
SUPPLEMENTAL

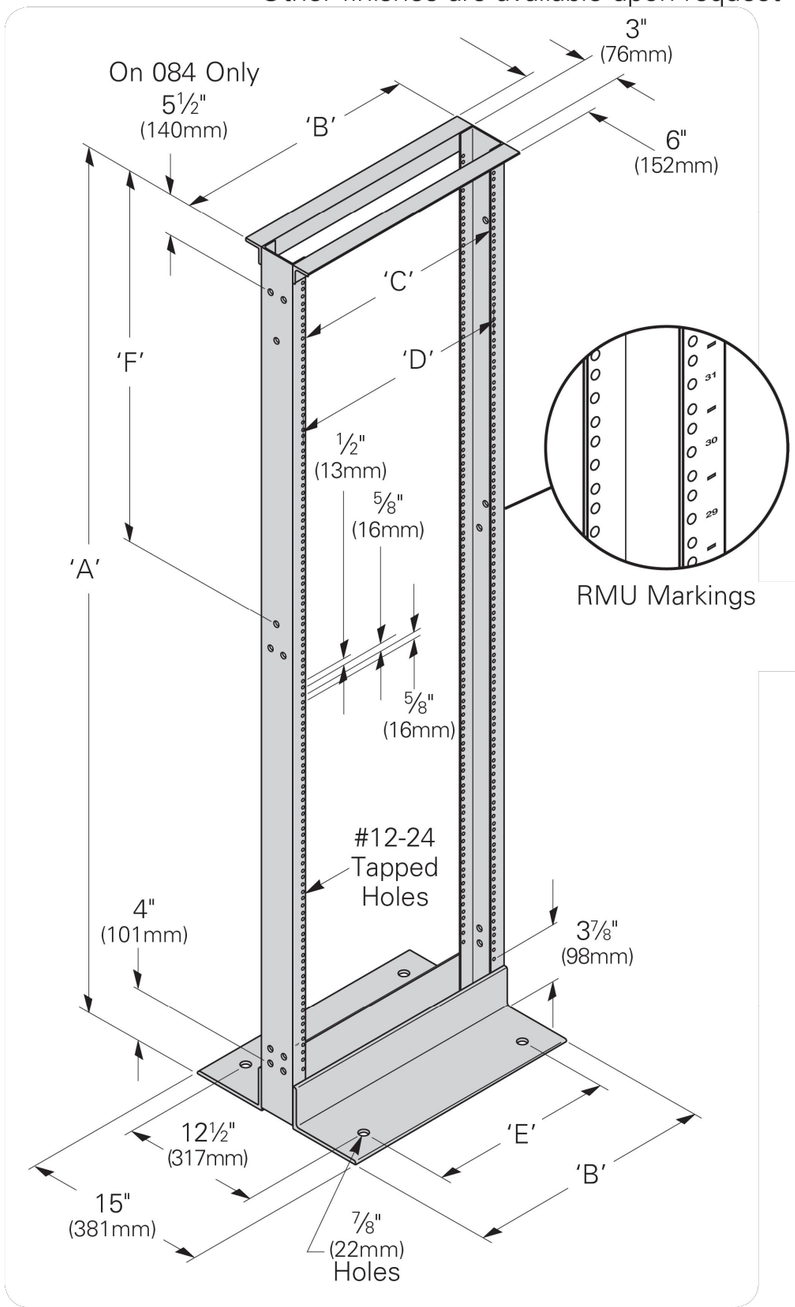
SHEET NUMBER:	REVISION:
R-603	-

- Includes thirty (30) dog point combo head (Phillips and flat blade) mounting screws

Telco gray powder coat (TG)
Other finishes are available upon request

Junction Hole Pattern for 84" tall rails





1 PROPOSED 19" EQUIPMENT RACK DETAIL
SCALE: N.T.S.

NOTE: THIS SHEET WAS CREATED BY OTHERS AND PROVIDED AT THE REQUEST OF THE CUSTOMER WITHOUT EDIT.

SUPPLEMENTAL

SHEET NUMBER:	REVISION:
R-604	-

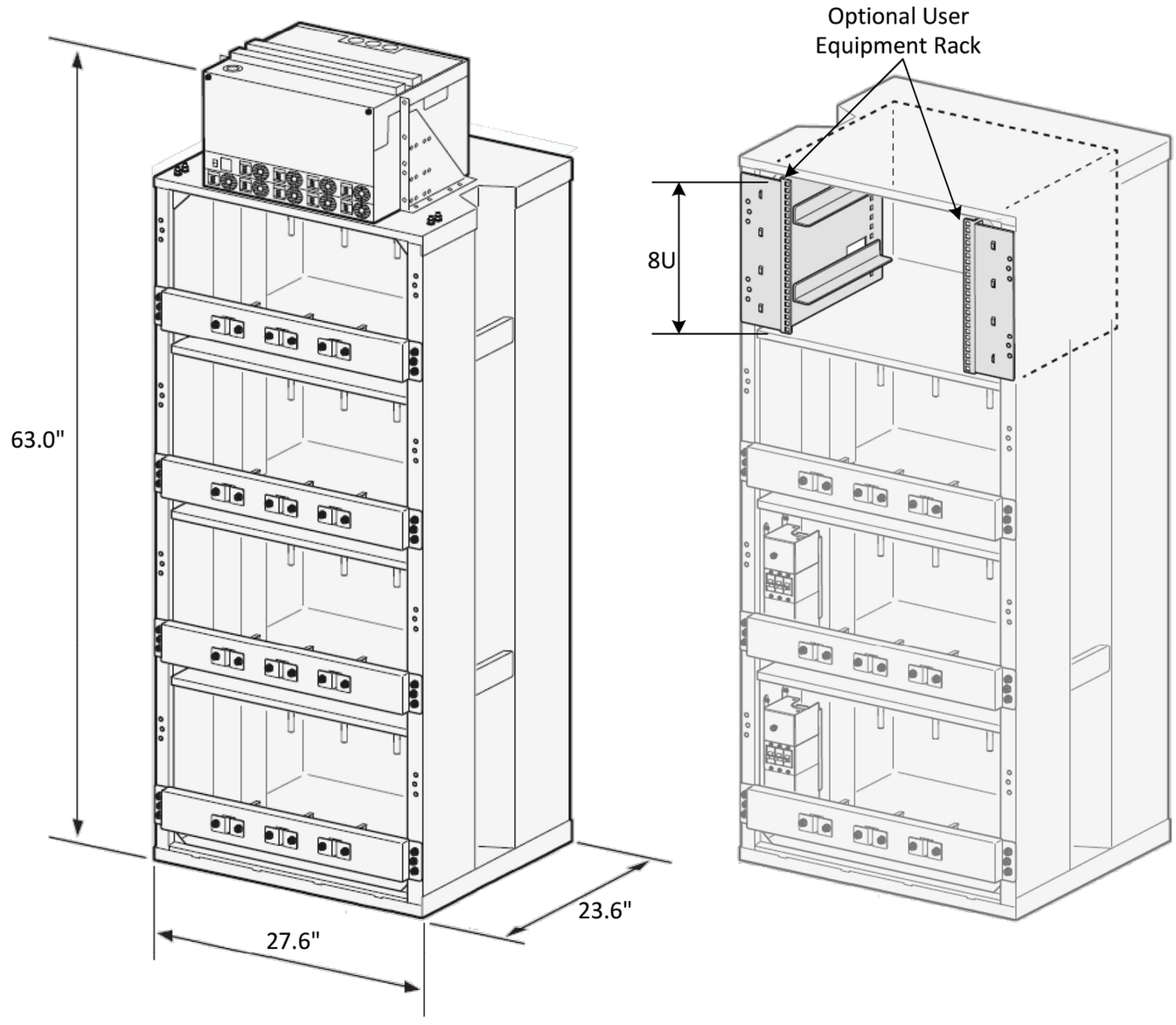


Figure 3

1 PROPOSED POWER 6230 DETAIL
SCALE: N.T.S.

NOTE: THIS SHEET WAS CREATED BY OTHERS AND PROVIDED AT THE REQUEST OF THE CUSTOMER WITHOUT EDIT.

SUPPLEMENTAL

SHEET NUMBER:	REVISION:
R-605	-

MANUFACTURER:		ERICSON
MODEL NO.:		RP 6651
DIMENSIONS:		TOTAL WEIGHT:
	1.75"	
	19"	16.53 LBS (7.5 KG)
	13.65"	

1 PROPOSED RP 6651 DETAIL
SCALE: N.T.S.

NOTE: THIS SHEET WAS CREATED BY OTHERS AND PROVIDED AT THE REQUEST OF THE CUSTOMER WITHOUT EDIT.

SUPPLEMENTAL

SHEET NUMBER:	REVISION:
R-606	-

AMERICAN TOWER®
CORPORATION

This report was prepared for American Tower Corporation by

SMJ International

Antenna Mount Analysis Report

Mount Type	:	**12.5 ft Platform with Handrails**
ATC Asset Name	:	**LIBERTY UT, UT**
ATC Asset Number	:	**280216**
Engineering Number	:	**14911687_C8_01**
Mount Elevation	:	**82 ft**
Carrier	:	**T-Mobile**
Carrier Site Name	:	**ATC, Wolf Creek, Eden UT**
Carrier Site Number	:	**SL03051A**
Site Location	:	**4780 Wolf Creek Drive** **Eden, UT 84310-9651** **41.3194, -111.8295**
County	:	**Weber**
Date	:	**November 7, 2024**
Max Usage	:	**49%**
Result	:	**Pass**

Prepared By:
Dmitriy Albul
Professional Engineer

Reviewed By:

PROFESSIONAL ENGINEER
No. 8296599-2202
DMITRIY V. ALBUL
STATE OF UTAH

11-07-24

Expiration Date: 03-31-25

Introduction

The purpose of this report is to summarize the results of the antenna mount analysis performed for T-Mobile at 82 ft.

Supporting Documents

RFDS	RFDS Version 4, dated October 15, 2024
Photos	Site photos from 2023
Other	Preview Exhibit by American Tower Corporation, dated October 28, 2024
Spec. Sheet	Spec Sheet for Site Pro 1 F3P-12W, dated August 8, 2017

Analysis

This antenna mount was analyzed using RISA-3D v22 analysis software.

Basic Wind Speed:	103 mph (3-Second Gust)
Basic Wind Speed w/ Ice:	40 mph (3-Second Gust) w/ 0.25" radial ice concurrent
Codes:	ANSI/TIA-222-H / 2021 IBC / 2021 Utah Building Code
Structure Class:	II
Exposure Category:	C
Topographic Procedure:	Method II
Topographic Feature:	Flat
Crest Height:	0 ft
Crest Length:	0 ft
Spectral Response:	$S_s = 0.955$, $S_1 = 0.34$
Site Class:	D – Stiff Soil – Default
Live Loads*:	Lm = 500 lbs, Lv = 250 lbs

*Live Load(s) reduction is confirmed to either not govern or not be applicable.

Conclusion

Based on the analysis results, the antenna mount meets the requirements per the applicable codes listed. The mount can support the equipment as described in this report.

If you have any questions or require additional information, please reach out to your American Tower contact. If you do not have an American Tower contact and have an Engineering question, please contact MountAnalysis@americantower.com. Please include the American Tower site name, site number, and engineering number in the subject line for any questions.

SMJ International, LLC - 49030 Pontiac Trail, Suite 100 - Wixom, MI 48393 – 616.745.4777 Office - info@smj-llc.com

- MOUNT ANALYSIS

NOTE: THIS SHEET WAS CREATED BY OTHERS AND PROVIDED AT THE REQUEST OF THE CUSTOMER WITHOUT EDIT. PLEASE REFERENCE THE MOUNT ANALYSIS REPORT FOR COMPLETE MOUNT ANALYSIS CALCULATIONS AND DETAILS. SUPPLEMENTAL PAGES INCLUDED IN THE CONSTRUCTION DRAWINGS ARE FOR REFERENCE ONLY. GENERAL CONTRACTOR IS TO VERIFY THEY HAVE THE MOST RECENT MOUNT ANALYSIS PRIOR TO CONSTRUCTION.

SUPPLEMENTAL

SHEET NUMBER:	REVISION:
R-607	-