

SITE: SNOWBASIN
UTLO6014
FA#10088495



LTE
WALL MOUNT

ENGINEERING

2009 INTERNATIONAL BUILDING CODE
2011 NATIONAL ELECTRIC CODE
TIA-222-G OR LATEST EDITION

GENERAL NOTES

THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. A TECHNICIAN WILL VISIT THE SITE AS REQUIRED FOR ROUTINE MAINTENANCE. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT DISTURBANCE OR EFFECT ON DRAINAGE; NO SANITARY SEWER SERVICE, POTABLE WATER, OR TRASH DISPOSAL IS REQUIRED AND NO COMMERCIAL SIGNAGE IS PROPOSED.

PROJECT DESCRIPTION

THE PROJECT CONSISTS OF THE INSTALLATION AND OPERATION OF ANTENNAS AND ASSOCIATED EQUIPMENT CABINETS FOR AT&T'S WIRELESS TELECOMMUNICATIONS NETWORK.

SITE INFORMATION

SITE ADDRESS: 3930 EAST 2900 SOUTH
HUNTSMVILLE, UT 84317

PROPERTY OWNER: SINCLAIR OIL CORP.

COUNTY: WEBER

LATITUDE (NAD 83) 41° 12' 47.6" N
41.21322°

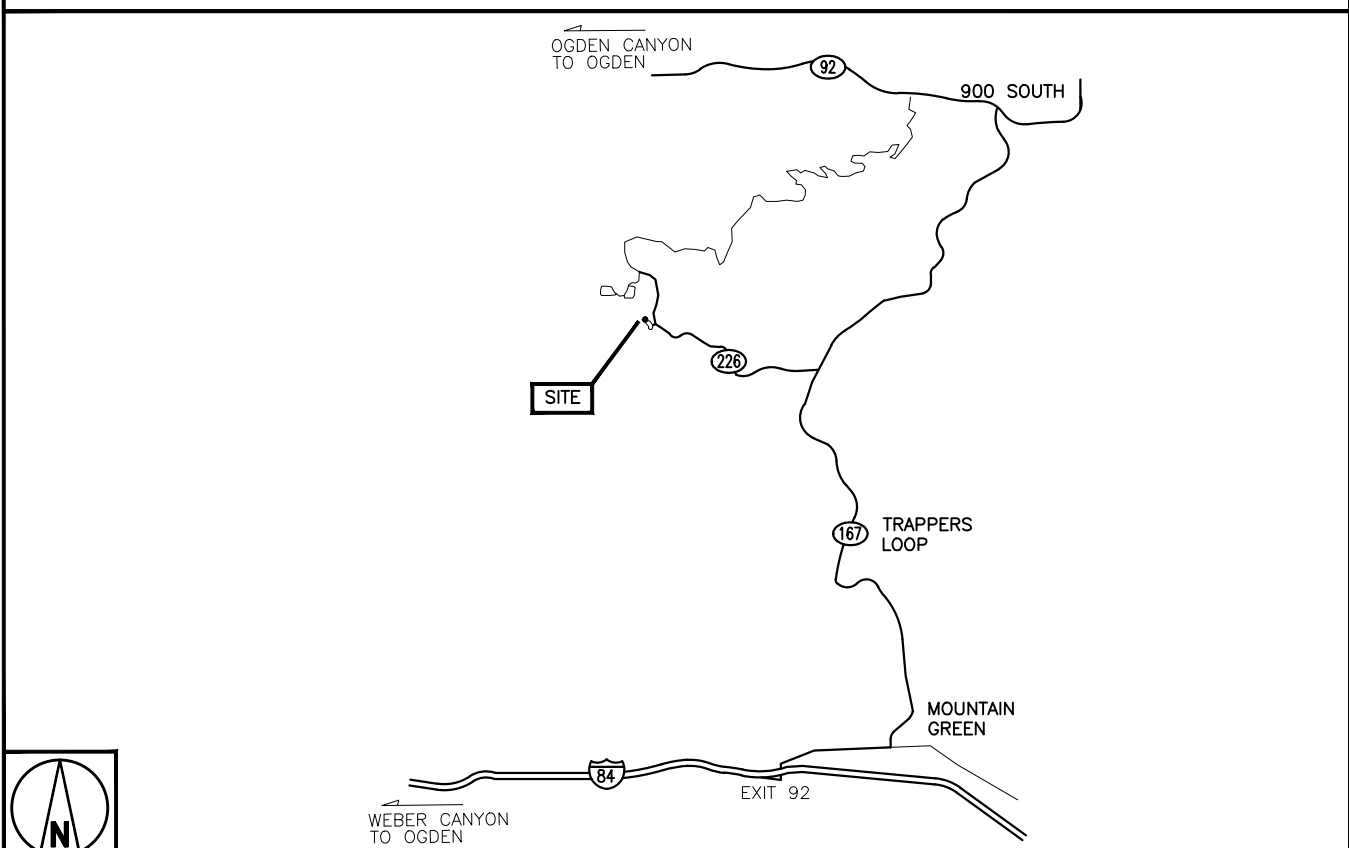
LONGITUDE (NAD 83) 111° 51' 13.6" W
-111.85378°

SITE ACQUISITION CONTACT: CINDY HANKS
801-263-8141

RF ENGINEER: ENIKO BARTHA
972-358-5732

CONSTRUCTION MANAGER: RUSS CAMPBELL
801-232-1278

VICINITY MAP



APPROVALS

THE FOLLOWING PARTIES HEREBY APPROVE AND ACCEPT THESE DOCUMENTS AND AUTHORIZE THE SUBCONTRACTOR TO PROCEED WITH THE CONSTRUCTION DESCRIBED HEREIN. ALL DOCUMENTS ARE SUBJECT TO REVIEW BY THE LOCAL BUILDING DEPARTMENT AND MAY IMPOSE CHANGES OR MODIFICATIONS.

AT&T WIRELESS COMPLIANCE REPRESENTATIVE: _____ DATE: _____

AT&T WIRELESS REPRESENTATIVE: _____ DATE: _____

AT&T WIRELESS RF ENGINEER: _____ DATE: _____

GD SITE ACQUISITION: _____ DATE: _____

SITE ACQUISITION: _____ DATE: _____

PROPERTY OWNER: _____ DATE: _____

GD CONSTRUCTION MANAGER: _____ DATE: _____

THE INFORMATION CONTAINED IN THIS SET OF DRAWINGS IS PROPRIETARY & CONFIDENTIAL. ANY USE OR DISCLOSURE OTHER THAN AS IT RELATES TO IS STRICTLY PROHIBITED.

DRAWING INDEX

SHEET NO:	SHEET TITLE
T-1	TITLE SHEET
C-1	SITE PLAN & EQUIPMENT LAYOUT
C-2	EXISTING SITE ELEVATION & ANTENNA LAYOUT
C-3	PROPOSED SITE ELEVATION & ANTENNA LAYOUT

DO NOT SCALE DRAWINGS

CONTRACTOR SHALL VERIFY ALL PLANS & EXISTING DIMENSIONS & CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME



UNDERGROUND SERVICE ALERT
CALL 'BLUE STAKES OF UTAH'
(800) 662-4111

3 WORKING DAYS BEFORE YOU DIG



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An EMCOR Company

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0	6/6/12	ZONING DRAWINGS
A	5/23/12	ISSUED FOR REVIEW
REV	DATE	DESCRIPTION

UTLO6014
SITE: SNOWBASIN
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HUNTSMVILLE, UT 84317
WALL MOUNT ANTENNAS

SHEET TITLE
TITLE SHEET

SHEET NUMBER
T-1

CONTACT INFORMATION

A&E DESIGN: WASATCH ELECTRIC
2455 WEST 1500 SOUTH, STE A
SALT LAKE CITY, UT 84104

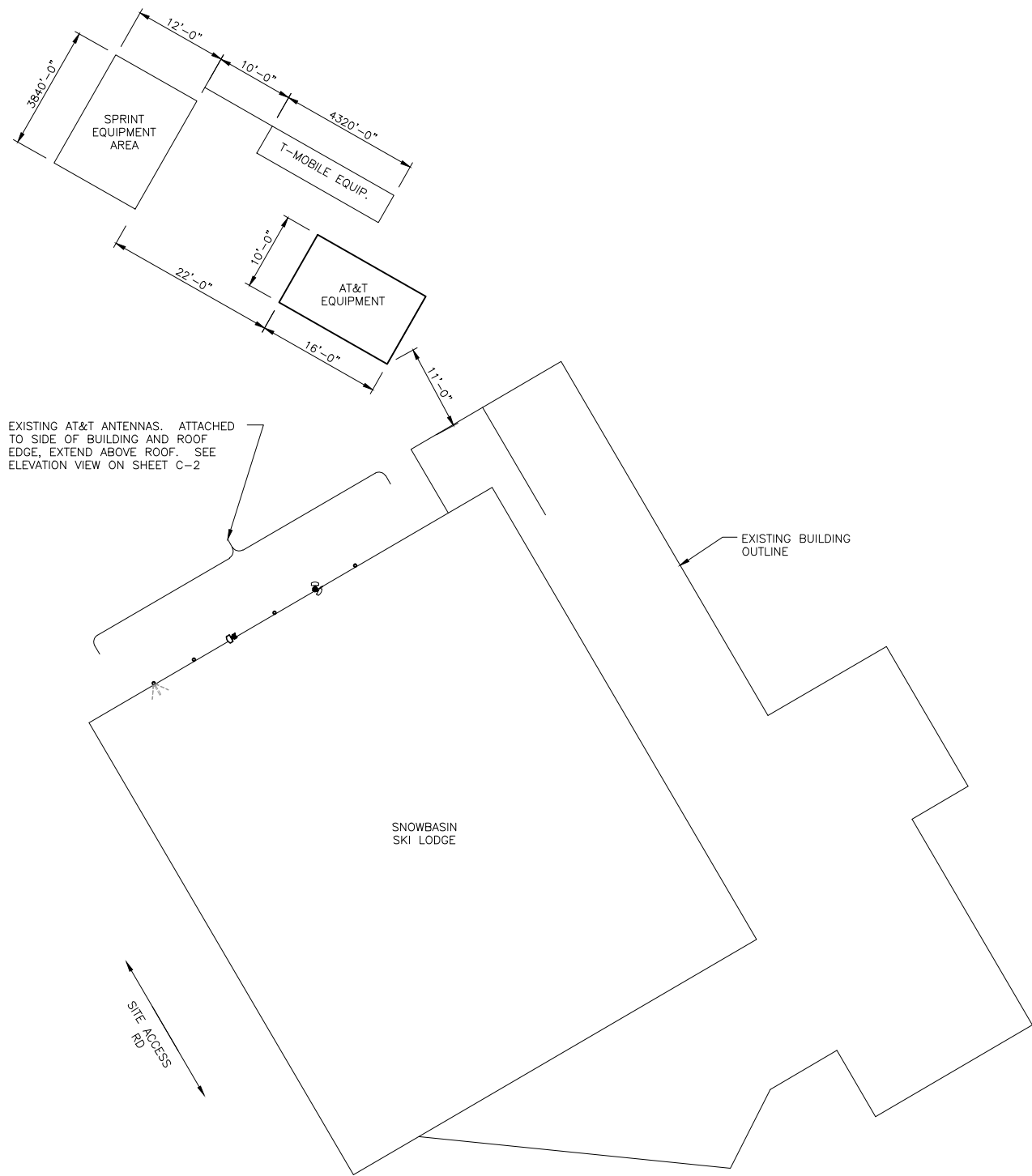
CONTACT: MARTY WORTHINGTON

PHONE: 801-487-4511

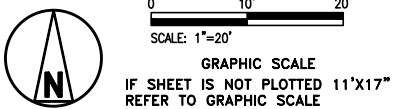
DRIVING DIRECTIONS

DIRECTIONS FROM AT&T OFFICE:

TAKE I-15 NORTH TO EXIT 324 (HWY 89), GO NORTH ON US-89 10.4 MILES, THEN TAKE I-84 EXIT AND GO UP WEBER CANYON 4.4 MILES. TAKE THE HUNTSMVILLE, SNOWBASIN EXIT (#92). GO TO HWY 167 ON NORTH SIDE OF FREEWAY, TURN EAST AND GO 1.5 MILES, THEN TURN LEFT (STILL HWY 167). GO ABOUT 5.5-6.0 MILES AND TURN LEFT ONTO SR-226. GO 2.4 MILES TO SNOWBASIN SKI RESORT. THE SITE IS AT THE LODGE AT THE UPPER PARKING LOT.



SITE PLAN
SCALE: 1" = 20'-0"



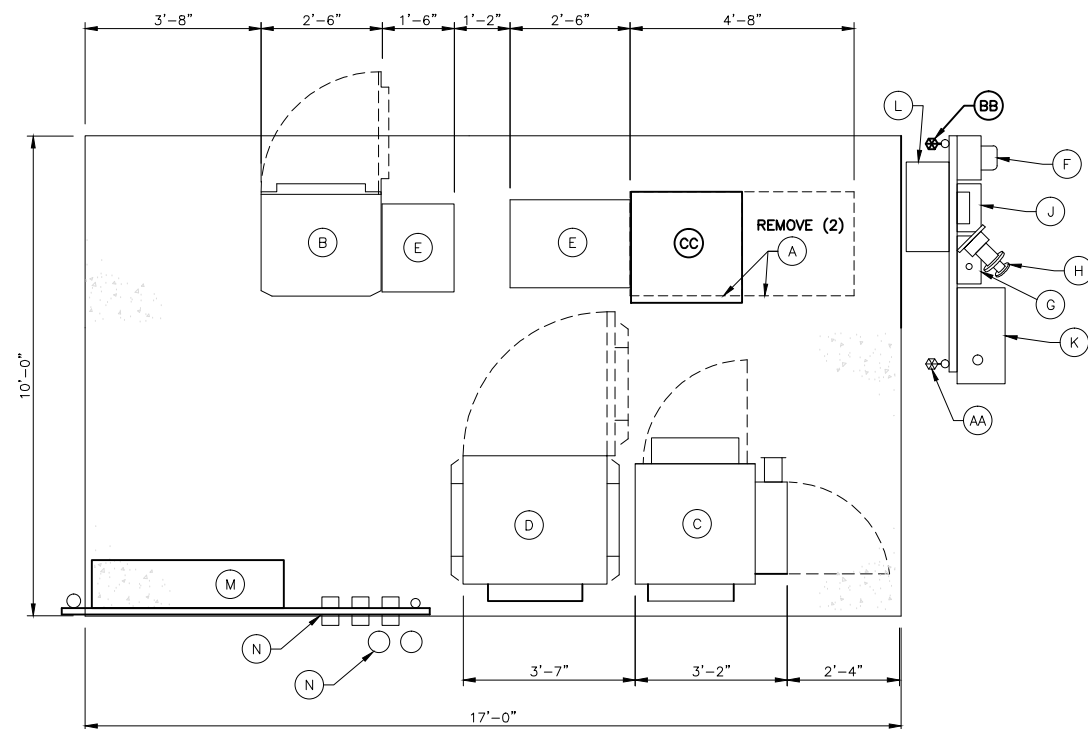
KEY NOTES

- (A) EMPTY TDMA CABINETS (TO BE REMOVED)
- (B) EXISTING OUTDOOR GSM CABINET
- (C) EXISTING ARGUS DC POWER CABINET
- (D) EXISTING OUTDOOR UMTS CABINET
- (E) EXISTING COAX ENTRY ENCLOSURE (UNDERGROUND CONDUITS TO ANTENNAS ON BLDG.)
- (F) EXISTING ELECTRIC METER
- (G) EXISTING AC POWER PANEL
- (H) EXISTING GENERATOR PLUG
- (J) EXISTING TRANSFER SWITCH
- (K) EXISTING TELCO CABINET
- (L) EXISTING E911 CABINET
- (M) EXISTING FIBER DEMARK CABINET
- (N) EXISTING UMTS CABLE / DIPLEXER RACK
- (O) EXISTING CONDUITS W/UMTS CABLES TO ANTENNAS

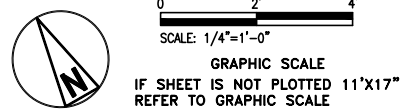
- (AA) EXISTING GPS ANTENNA
- (BB) PROPOSED LTE GPS ANTENNA
- (CC) PROPOSED OUTDOOR FlexSure 12WS Purcell Cabinet (LTE)

NOTES:

1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
2. CONTRACTOR SHALL LOCATE PROPOSED LTE GPS ANTENNA PER AT&T AND ALCATEL LUCENT GUIDELINES.
3. ALL UMTS AND GSM COAX ARE ROUTED IN UNDERGROUND CONDUITS BETWEEN EQUIPMENT AND BUILDING.



EQUIPMENT LAYOUT
SCALE: 1/4" = 1'-0"



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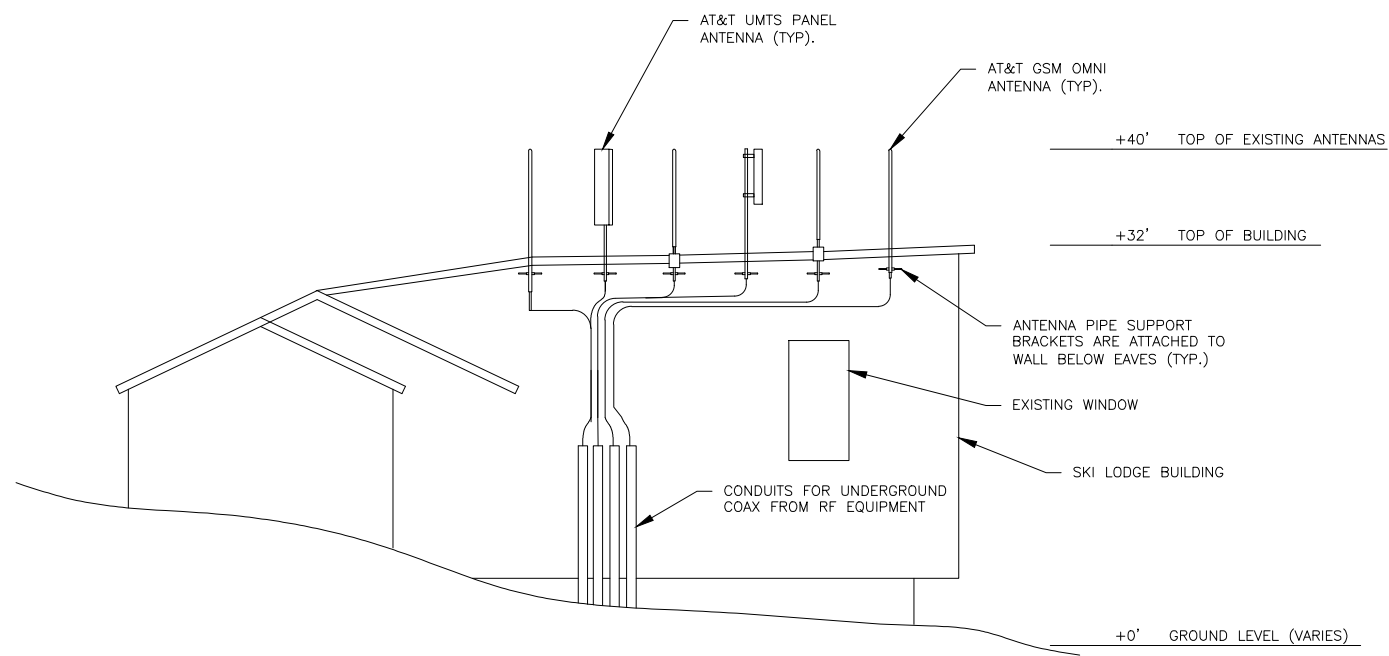
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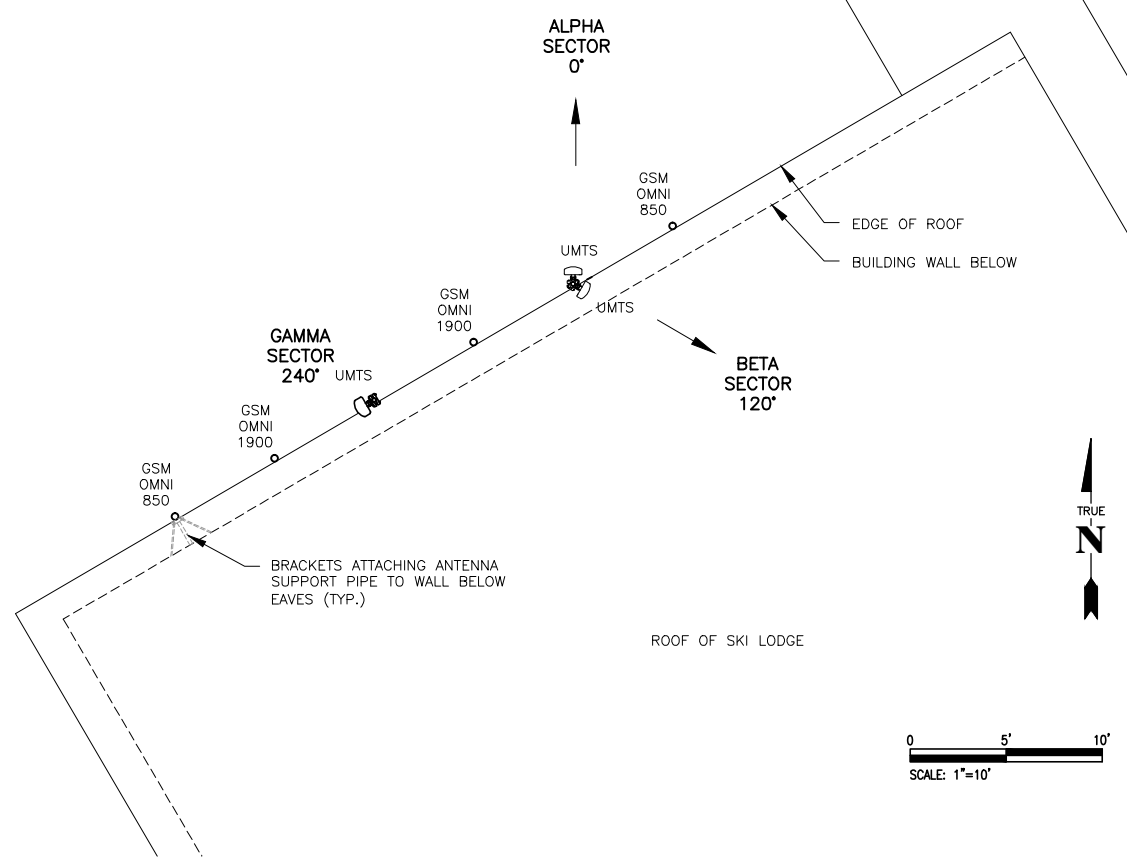
SHEET TITLE
**SITE PLAN
EQUIPMENT LAYOUT**

SHEET NUMBER

C-1



EXISTING NORTH-WEST ELEVATION
SCALE: 1/16" = 1'-0"



EXISTING ANTENNA LAYOUT
SCALE: 1" = 10'-0"

NOTE:
AT&T OUTDOOR GROUND EQUIPMENT IN
FOREGROUND NOT SHOWN.

0 8' 16'
SCALE: 1/16"=1'-0"
GRAPHIC SCALE
IF SHEET IS NOT PLOTTED 11'X17"
REFER TO GRAPHIC SCALE



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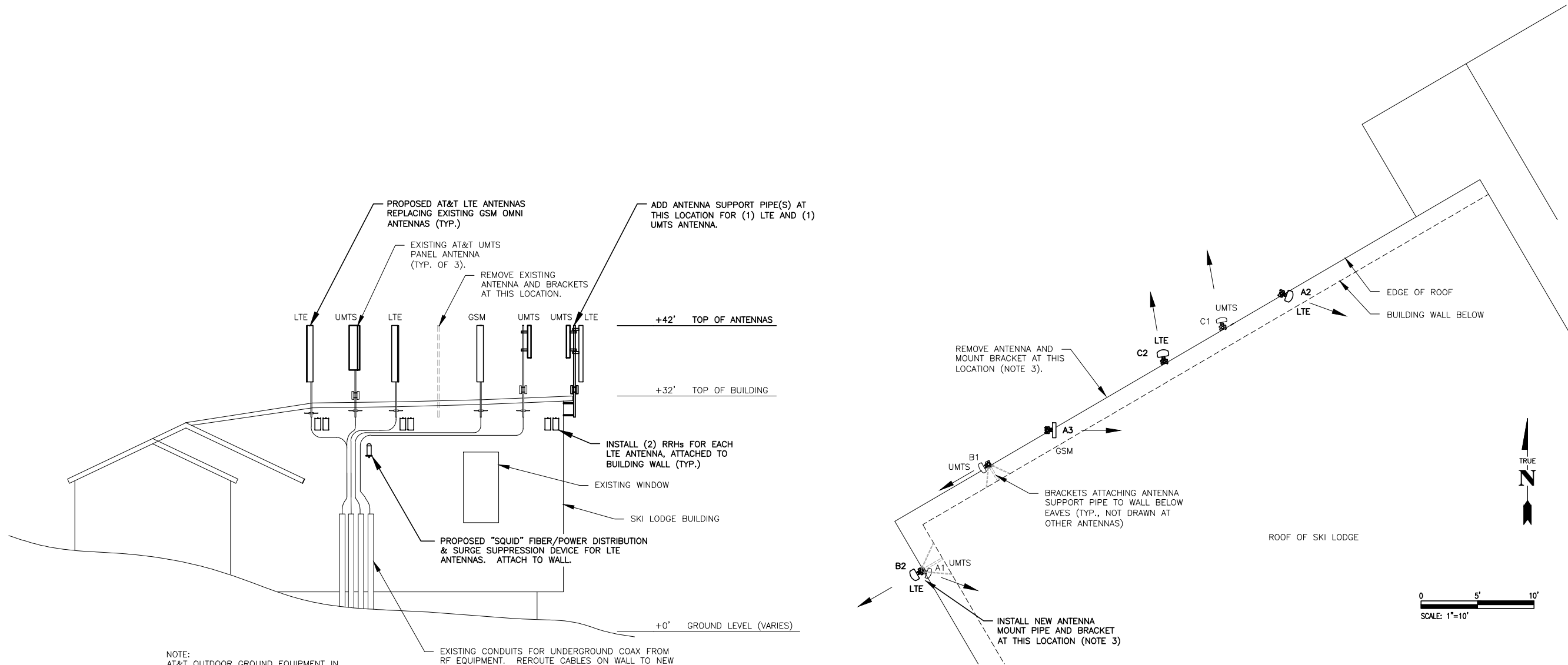
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**EXISTING SITE ELEVATION
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C-2



NOTE:
AT&T OUTDOOR GROUND EQUIPMENT IN
FOREGROUND NOT SHOWN.

EXISTING CONDUITS FOR UNDERGROUND COAX FROM
RF EQUIPMENT. REROUTE CABLES ON WALL TO NEW
ANTENNA LOCATIONS AS NEEDED (NOTE 5).

PROPOSED NORTH-WEST ELEVATION
SCALE: 1/16" = 1'-0"

NOTES:

- EXISTING (4) GSM OMNI ANTENNAS TO BE REPLACED BY (1) DUAL-BAND GSM PANEL ANTENNA AND 3 LTE PANEL ANTENNAS.
- EACH LTE ANTENNA TO HAVE (2) REMOTE RADIO HEADS (RRHs) MOUNTED ON THE BUILDING WALL BELOW THE ANTENNA.
- ONE EXISTING ANTENNA MOUNT BRACKET TO BE REMOVED, AND ONE ADDED AS SHOWN IN PROPOSED ANTENNA LAYOUT.
- EXISTING UMTS PANEL ANTENNAS TO BE RELOCATED AS NEEDED TO POSITIONS SHOWN ON PROPOSED ANTENNA LAYOUT AND/OR ROTATED TO NEW AZIMUTHS AS NEEDED.
- ADD FIBER, DC POWER CABLES, AND COAX JUMPERS AS NEEDED FROM RF EQUIPMENT TO SQUID, RRHs, AND ANTENNAS. REMOVE ANY UNUSED GSM OR OLD TDMA COAX CABLES.

PROPOSED ANTENNA LAYOUT
SCALE: 1" = 10'-0"

PROPOSED ANTENNA INFORMATION				
SECTOR	ANTENNA TYPE	TECHNOLOGY	ANTENNA AZIMUTH	ANTENNA SIZE
A1	EXISTING ANTENNA	UMTS	110°	75.5Hx11.8Wx6D
A2	PROPOSED ANTENNA	LTE	110°	96.4Hx11.9Wx7.1D
A3	REPLACE EXISTING ANTENNA	GSM	90°	T.B.D. (8 FT.)
B1	EXISTING ANTENNA	UMTS	240°	75.5Hx11.8Wx6D
B2	PROPOSED ANTENNA	LTE	240°	96.4Hx11.9Wx7.1D
C1	EXISTING ANTENNA	UMTS	350°	75.5Hx11.8Wx6D
C2	PROPOSED ANTENNA	LTE	350°	96.4Hx11.9Wx7.1D

(NOTE 1)

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