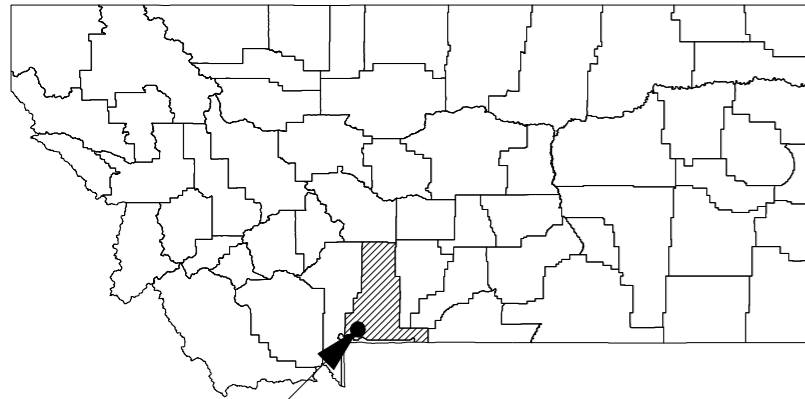
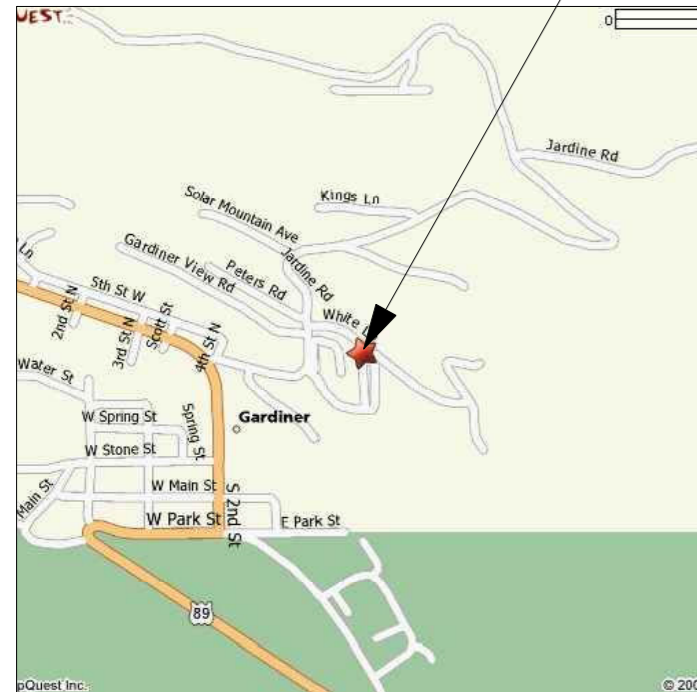




MT08 - GARDINER PROPOSED 100' MONOPOLE ERM DRAWINGS



SITE LOCATION



SITE LOCATION MAP

SCALE: NTS



DRIVING DIRECTIONS

FROM THE BOZEMAN AIRPORT, FOLLOW INTERSTATE HWY 90 EAST. PROCEED ON I-90 ABOUT 20 MILES TO EXIT 333 (US HWY 89 SOUTH). PROCEED SOUTH ON US 89 53 MILES TO GARDINER. PROCEED INTO TOWN ON HWY 89/SCOTT STREET WEST. THE ROAD WILL TURN SHARPLY TO THE SOUTH, PROCEED STRAIGHT ONTO JARDINE ROAD. SITE IS AT THE ROCKY MOUNTAIN CAMPGROUND. CHECK WITH THE LL'S AT THE RV OFFICE.

CONSULTANTS:

ENGINEER:
RAMAKER & ASSOCIATES, INC.
1120 DALLAS STREET
SAUK CITY, WI 53583
CONTACT: JAMES KAISER
PHONE: (608) 643-4100
FAX: (608) 643-7999

SITE ACQUISITION:
R C RILEY & ASSOCIATES
655 BROADWAY, SUITE 365
DENVER, CO 80203
CONTACT: LAURA M. POWELL
PHONE: (303) 359-9694
FAX: (303) 379-2059

APPLICANT:
ALLTEL CORPORATION
18300 EAST 71ST AVENUE, SUITE 120
DENVER, CO 80249
CONTACT: BRYAN ROMELJN
PHONE: (406) 855-0045

PROJECT INFORMATION:

SITE ADDRESS:
8 WHITE LANE
GARDINER, MT 59030

SITE NUMBER:
MT08

PROPERTY OWNER:
PETER & LYNELLE DAHN
14 JARDINE ROAD
GARDINER, MT 59030
CONTACT: PETER OR LYNELLE DAHN
PHONE: (406) 848-7251

LATITUDE:
45° 02' 0.3891"

LONGITUDE:
110° 42' 06.1446"

GROUND ELEVATION:
5378' AMSL

POWER COMPANY:
NORTHWEST ENERGY
PHONE: 1-800-245-6977

TELEPHONE COMPANY:
QWEST COMMUNICATIONS
PHONE: (406) 582-0655

SHEET INDEX:

- T-1 TITLE SHEET**
- C-1 SITE PLAN**
- C-2 COMPOUND LAYOUT**
- A-1 SITE ELEVATION**



ALLTEL
1 ALLIED DRIVE
LITTLE ROCK, AR 72202

**PRELIMINARY
NOT FOR
CONSTRUCTION**



ENGINEER STAMP

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Montana. It should be noted that those plan sheets identified with an (*) have been prepared and certified by others and have been included herein for informational purposes only.

Signature:

8/14/2007

Date:

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RELEASE	
DATE	ERM DRAWINGS
07/02/07	ERM DRAWINGS
08/07/07	PRELIMINARY DRAWINGS

REVISIONS	
NO.	DATE
△	
△	
△	

SITE NAME

GARDINER

SITE NUMBER

MT08

RAMAKER JOB NUMBER

11700

IN HOUSE

DRAWN BY: KJH
CHECKED BY: JAK

SITE ADDRESS

**8 WHITE LANE
GARDINER, MT 59030**

SHEET TITLE

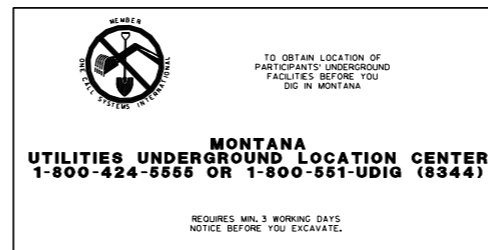
TITLE SHEET

Alter Corporation

MT08-Gardiner

Form 620--09/2007

PLOT SCALE: PAPER SIZE 11"x17"



**MONTANA
UTILITIES UNDERGROUND LOCATION CENTER
1-800-424-5555 OR 1-800-551-UDIG (8344)**

REQUIRES MIN. 3 WORKING DAYS
NOTICE BEFORE YOU EXCAVATE.



ALLTEL
1 ALLIED DRIVE
LITTLE ROCK, AR 72202

**PRELIMINARY
NOT FOR
CONSTRUCTION**

R **RAMAKER**
& ASSOCIATES, INC.
1120 DALLAS STREET
SAUK CITY, WISCONSIN 53583
VOICE: 608-643-4100
FAX: 608-643-7999
Web: http://www.ramaker.com

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07/02/07	ERM DRAWINGS
08/07/07	PRELIMINARY DRAWINGS

REVISIONS	
NO.	DATE
△	
△	
△	

SITE NAME

GARDINER

SITE NUMBER

MT08

RAMAKER JOB NUMBER

11700

IN HOUSE

DRAWN BY: KJH

CHECKED BY: JAK

SITE ADDRESS

**8 WHITE LANE
GARDINER, MT 59030**

SHEET TITLE

SITE PLAN

Alltel Corporation

SHEET NUMBER

MT08-Gardiner

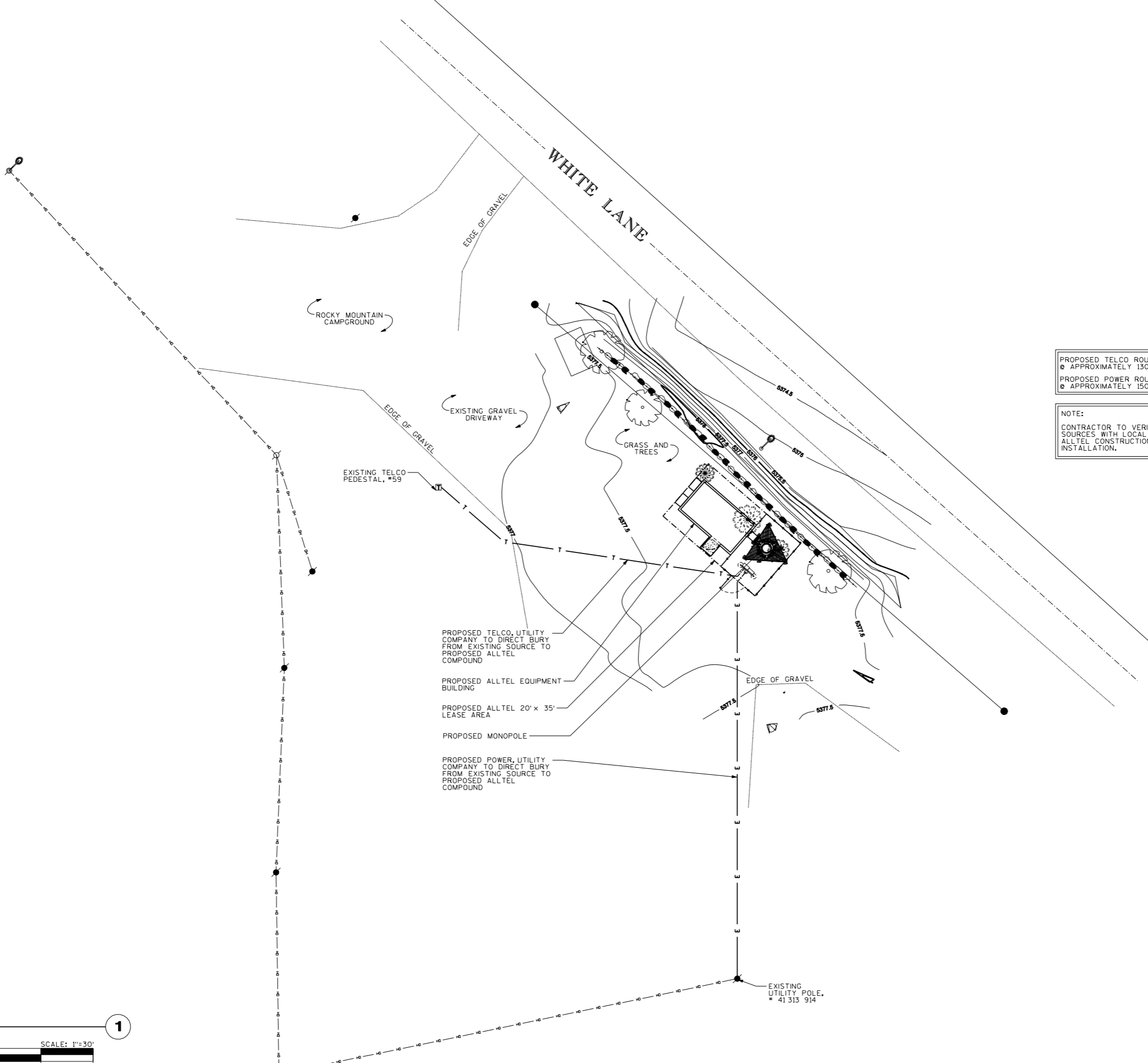
C1

Form 620--09/2007

PLOT SCALE: PAPER SIZE 11"x17"

SITE PLAN

1



PROPOSED TELCO ROUTE
 @ APPROXIMATELY 130'
 PROPOSED POWER ROUTE
 @ APPROXIMATELY 150'

NOTE:
 CONTRACTOR TO VERIFY POWER AND TELCO SOURCES WITH LOCAL UTILITY COMPANIES AND ALLTEL CONSTRUCTION MANAGER BEFORE INSTALLATION.

- PROPOSED TELCO, UTILITY COMPANY TO DIRECT BURY FROM EXISTING SOURCE TO PROPOSED ALLTEL COMPOUND
- PROPOSED ALLTEL EQUIPMENT BUILDING
- PROPOSED ALLTEL 20' x 35' LEASE AREA
- PROPOSED MONOPOLE
- PROPOSED POWER, UTILITY COMPANY TO DIRECT BURY FROM EXISTING SOURCE TO PROPOSED ALLTEL COMPOUND

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LOOKING NORTH AT PROPOSED EQUIPMENT LOCATION



LOOKING NORTHWEST AT PROPOSED EQUIPMENT LOCATION



NORTH

EXISTING TREE TO BE RELOCATED

GRASS

WHITE LANE

alltel
 ALLTEL
 1 ALLIED DRIVE
 LITTLE ROCK, AR 72202
PRELIMINARY NOT FOR CONSTRUCTION

R **RAMAKER & ASSOCIATES, INC.**
 1120 DALLAS STREET
 SAUK CITY, WISCONSIN 53583
 VOICE: 608-643-4100
 FAX: 608-643-7999
 Web: http://www.ramaker.com

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08/07/07	PRELIMINARY DRAWINGS

REVISIONS	
NO.	DATE
△	
△	
△	

SITE NAME: **GARDINER**
 SITE NUMBER: **MT08**
 RAMAKER JOB NUMBER: **11700** IN HOUSE
 DRAWN BY: **KJH**
 CHECKED BY: **JAK**
 SITE ADDRESS: **8 WHITE LANE GARDINER, MT 59030**
 SHEET TITLE: **COMPOUND LAYOUT**
 SHEET NUMBER: **MT08-Gardiner**
 Form **620-09/2007**
 PLOT SCALE: PAPER SIZE 11"x17"

PROPOSED ALL TEL (CELLXION SALL33 11'-5" x 20'-0") EQUIPMENT BUILDING

PROPOSED 5'-0" LONG ICE BRIDGE
 PROPOSED GPS ANTENNA MOUNTED TO ICE BRIDGE POST

4'x4' CONCRETE STOOP
 PROPOSED ALL TEL 20' x 35' LEASE AREA

NEW LOCATION OF TREE
 PROPOSED 5'-0" WIDE ACCESS GATE

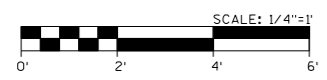
EXISTING ROCKS
 EXISTING TREES TO BE RELOCATED

PROPOSED MONOPOLE
 PROPOSED ANTENNA PLATFORM WITH RAILING
 PROPOSED PANEL ANTENNAS, TYP.
 EXISTING TREE

PROPOSED 6'-HIGH CHAIN LINK FENCE WITH 1'-0" OF BARBED WIRE, 7'-OVERALL HEIGHT.
 PROPOSED UTILITY DISTRIBUTION RACK WITH ALLTEL 200A METER AND MINIPPC.

COMPOUND LAYOUT

1



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& ASSOCIATES, INC.
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SAUK CITY, WISCONSIN 53583
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07/02/07	ERM DRAWINGS
08/07/07	PRELIMINARY DRAWINGS

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△	
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SITE NAME

GARDINER

SITE NUMBER

MT08

RAMAKER JOB NUMBER

11700

IN HOUSE

DRAWN BY: KJH

CHECKED BY: JAK

SITE ADDRESS

**8 WHITE LANE
GARDINER, MT 59030**

SHEET TITLE

SITE ELEVATION

Antel Corporation

SHEET NUMBER

MT08-Gardiner

Form 620--09/2007

PLOT SCALE: PAPER SIZE 11"x17"

CDMA_800

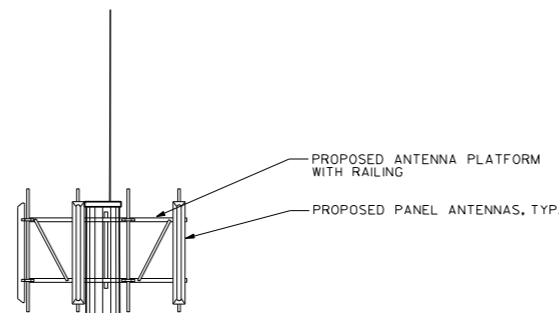
SECTOR INFORMATION	SECTOR ONE	SECTOR TWO	SECTOR THREE
	ALPHA	BETA	GAMMA
AZIMUTH	60°	300°	310°
MOUNT HEIGHT	92' AGL	92' AGL	92' AGL
CENTERLINE	96' AGL	96' AGL	96' AGL
TIP HEIGHT	100' AGL	100' AGL	100' AGL
MECHANICAL TILT	2°	0°	0°
COAX TYPE	ANDREW 1 5/8"	ANDREW 1 5/8"	ANDREW 1 5/8"
COAX LENGTH	13'	13'	130'
# OF COAX CABLES	1 PER ANTENNA	1 PER ANTENNA	1 PER ANTENNA
ANTENNA INFORMATION	SECTOR ONE	SECTOR TWO	SECTOR THREE
QUANTITY	2	2	2
MANUFACTURER	ANTEL	ANTEL	ANTEL
MODEL NUMBER	LPD-6516-3	LPD-6516-3	LPD-6516-3
TYPE	PANEL	PANEL	PANEL

ALLTEL TO VERIFY
RF INFORMATION

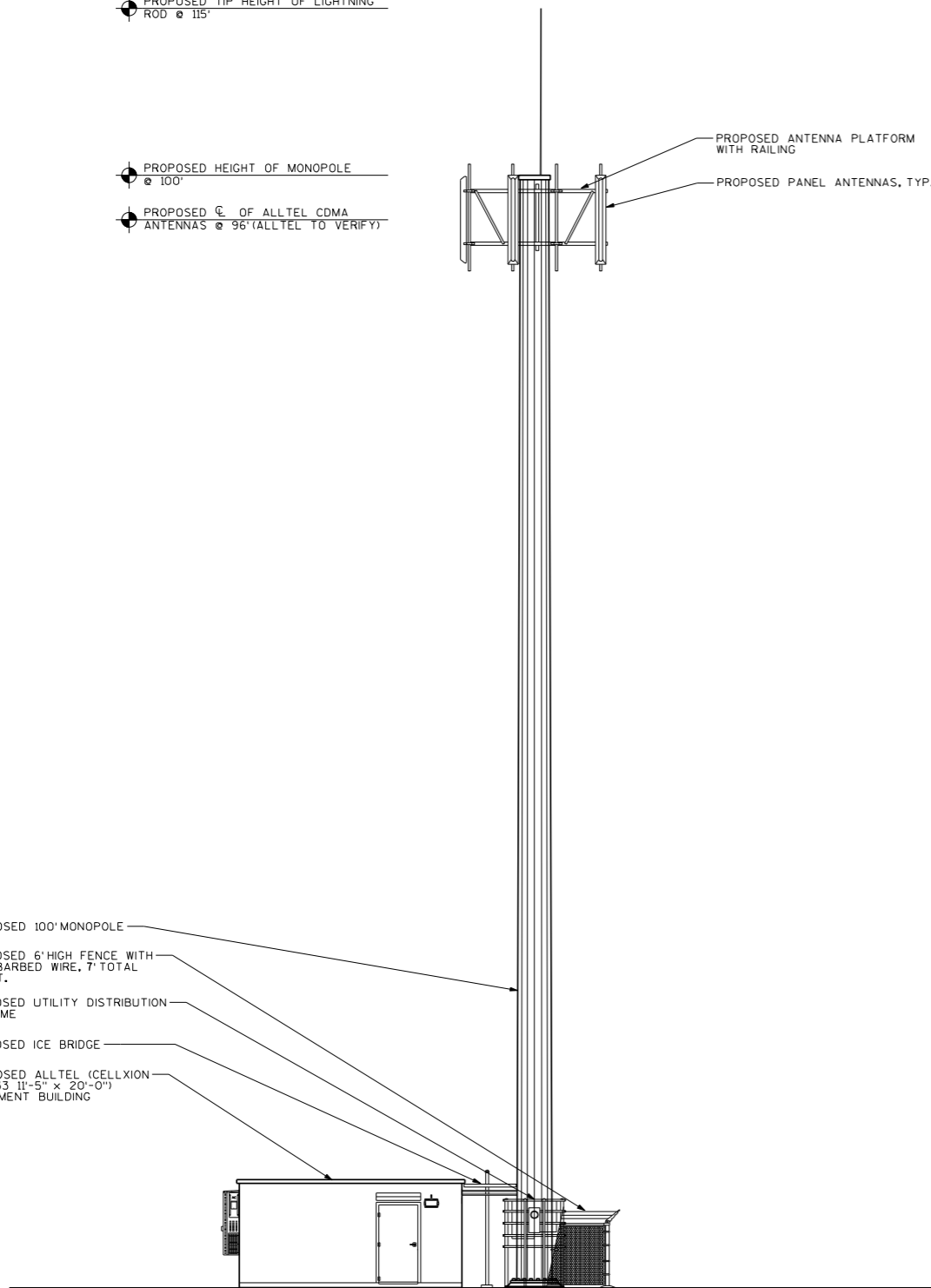
PROPOSED TIP HEIGHT OF LIGHTNING ROD @ 115'

PROPOSED HEIGHT OF MONOPOLE @ 100'

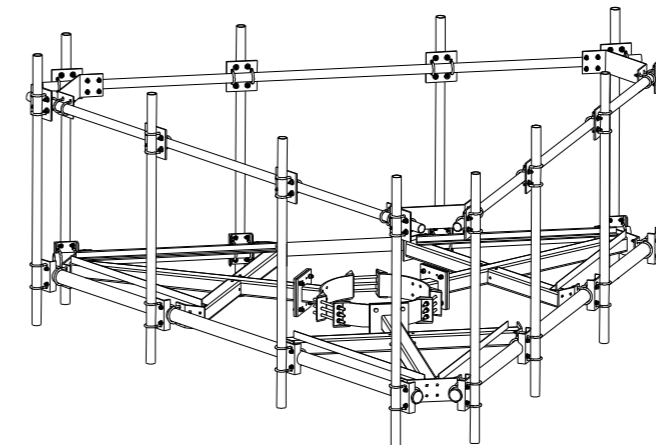
PROPOSED C OF ALLTEL CDMA ANTENNAS @ 96' (ALLTEL TO VERIFY)



- PROPOSED 100' MONOPOLE
- PROPOSED 6' HIGH FENCE WITH 1' OF BARBED WIRE, 7' TOTAL HEIGHT.
- PROPOSED UTILITY DISTRIBUTION H-FRAME
- PROPOSED ICE BRIDGE
- PROPOSED ALLTEL (CELLXION SALL33 11'-5" x 20'-0") EQUIPMENT BUILDING



SOUTHWEST ELEVATION 1



PLATFORM WITH RAILING 2

ANDREW # MC-PK12S-12-96