

A CMS Energy Company



February 12, 2007

Michigan Electric Transmission Company, LLC C/O NSI Consulting & Development, Inc. 26657 Woodward Ave., Suite 100 Huntington Woods, MI 48070

Attention: Executive Vice President and Chief Operating Officer

SUBJECT: Proposed Single Phase, 4800 Volt Distribution line

Reference No: 06646956/Chippewa/Isabella/Klender

REFERENCE: Amended and Restated Easement Agreement (the "Agreement") dated April 29, 2002, between Consumers Energy Company ("Consumers") and Michigan Electric Transmission Company, now Michigan Electric Transmission Company, LLC ("METC")

Pursuant to Section 7.1 of the Agreement, Consumers hereby notifies METC that Consumers intends to construct a distribution line across certain land in which METC has an interest under the Agreement. The location of the land on which said line will be constructed, and a further description of the intended use, are set forth on "Annex A", attached to this letter.

Under said Section 7.1 of the Agreement, METC must within 30 days of this notice notify Consumers, as "Initiating User," of whether or not METC approves the proposed use as a Compatible Use. If you do not notify us either way within 30 days of this notice, then, as provided in said Section 7.1, METC will be deemed to have approved the proposed use as being a Compatible Use. We would appreciate, however, receiving METC's express approval of the proposed use as being a Compatible Use as soon as possible so that we can start work without delay.

February 12, 2007

Page Two

Reference No: 06646956/Chippewa/Isabella/Klender

This letter is being sent to you in duplicate. If METC agrees that the proposed use is a Compatible Use, please indicate that by signing and returning a copy of this letter to us as soon as possible, so that we can immediately proceed with construction. The other copy is for your records.

Very truly yours,

Stacie Lahr

Consumers Energy One Energy Plaza Jackson, MI 49201

APPROVED:

MICHIGAN ELECTRIC TRANSMISSION

COMPANY, LC

By:

V

APPROVED MAR 2 0 2007

ANNEX A

Reference No: 06646956/Chippewa/Isabella/Klender

LAND TO BE IMPACTED:

Land located in the Township of Chippewa, County of Isabella, State of Michigan, described as follows:

The Northeast 1/4 of Section 27, Township 14 North Range 3 West.

PROPOSED USE:

Building a new distribution line that crosses under a 138kV transmission line to service a new home. The distribution line will be crossing 25 feet East of pole #276 and will be 33 feet above ground. See attached 391 form, sketch, and plan and profile drawings.

Prepared by: Stacie M Lahr 02/12/07 Consumers Energy Company EP7-436 One Energy Plaza Jackson, MI 49201



A CMS Energy Company

September 11, 2007

Michigan Electric Transmission Company Attention: Fernando Guevara 39500 Orchard Hill Place, Suite 200 Novi, MI 48375

SUBJECT: Proposed Installation or Modifications of Additional Antennas to Existing

Telecom Lease Site

Alltel Communications / Tower 970 / Section 7, City of Portage, Kalamazoo

County

REFERENCE: Preliminary Review and Approval / Amended and Restated Easement

Agreement (the "Agreement") dated April 29, 2002, between Consumers Energy Company ("Consumers") and Michigan Electric Transmission Company, now Michigan Electric Transmission Company, LLC ("METC")

Please find enclosed a copy of a completed "Application To Modify Existing Co-Location Site" from Alltel Communications. Alltel Communications currently has 3 antennas on this tower and are requesting to remove three and install six.

Enclosed you will find a copy of the previous structural analysis and loading information utilized in the analysis for the original installation.

We are asking that you review the attached information and respond as to the following:

Consumers may rely on existing drawings as the tower structure has not been modified.

OR

Enclosed are revised tower drawings.

We have reviewed the loading criteria provided, examined our planned future uses and have no objections to the proposed use, subject to the completion of a favorable structural analysis.

This request is being forwarded to you in duplicate. If METC has no objections, please sign, date and return this letter to us as soon as possible. The second copy may be retained by METC for its records.

Consumers Energy Company One Energy Plaza Jackson, MI 49201 Attention: Paula Bamm

Very truly yours,

Paula K. Bamm

Telecom & Facility Lease Manager Business Services Real Estate

la K Banin

APPROVED:

MICHIGAN ELECTRIC TRANSMISSION COMPANY, LLC

By:

Date:





Date:

September 24, 2007

To:

Fernando Guevara/ Barbara Mention

Real Estate and Rights of Way

ITC

From:

David Doubley

Engineering

ITC

Subject:

ITC Project # USG071323/CU-290

Modification Alltell Communications Cell Site. Remove 3 antennas and add 6 antennas.

Tower 008AB970, Drake Road-Milham

Section 7, City of Portage, Kalamazoo County.

Note, Tower number not correct in your request letter, change from 907 to 970 and change project number from USG2071322 to USG2071323.

After reviewing the information, this request is approved. The tower design has not been modified. Analysis of tower required to allow this work.

Approved

David Doubley

Engineer



Project No: USG071322 CU-290

Date:

September 17, 2007

To:

David Doubley

Engineering

From:

Fernando Guevara

Real Estate

Subject:

Proposed Installation or Modification of additional Antennas to

Existing Telecom Lease Site 970

Alltel Communications/Tower 907/Section 7, City of Portage,

Kalamazoo County, Michigan.

The attached request was received from Consumers Energy. Alltel Communications intends to install and modify an existing telecom lease site. Alltel Communications currently has three antennas on this tower and are requesting <u>to remove three and install six</u>. Furthermore, pursuant to the Amended and Restated Easement Agreement, METC/ITC needs to submit a response letter to CE by *October 15*, 2007.

Please review and return to my attention with your recommendations/comments.

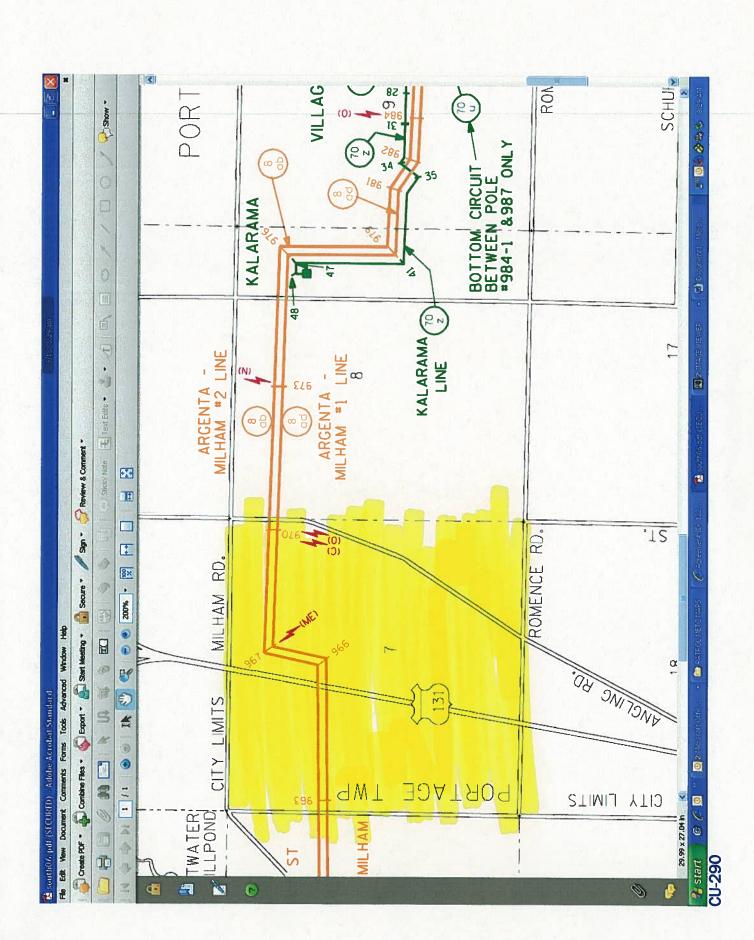
Attachments

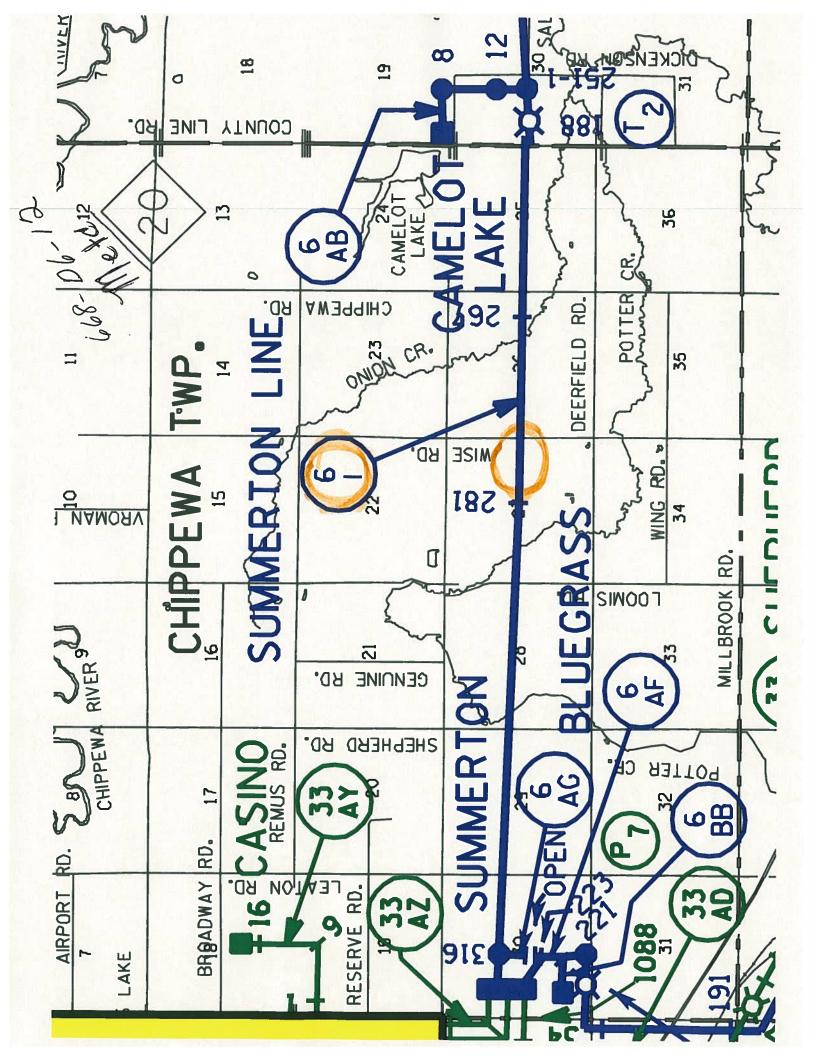
Form_391 12-2006

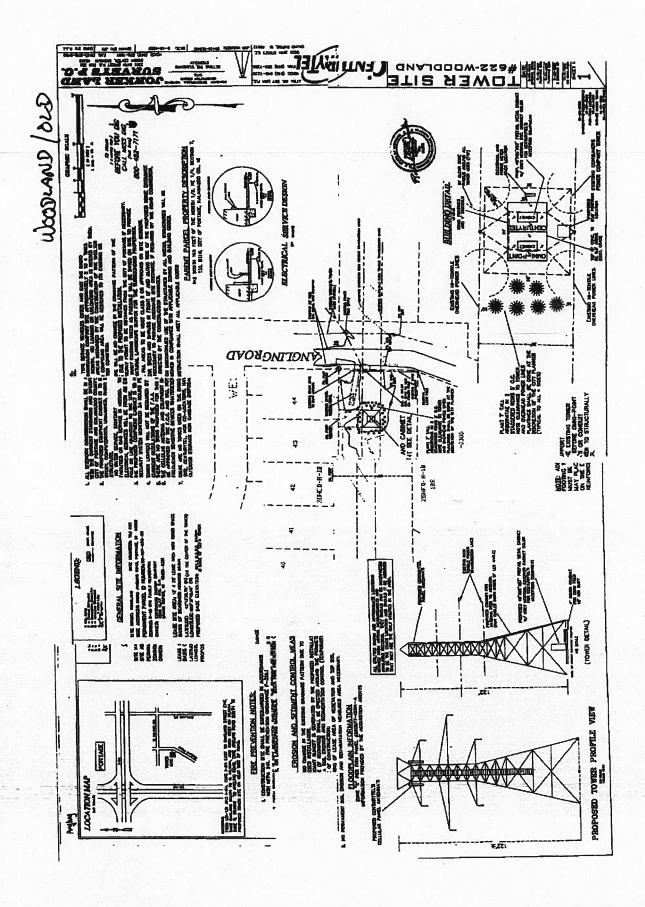
CONSUMERS ENERGY NOTIFICATION OF PROPOSED LINE CONSTRUCTION REQUIRING COORDINATION WITH HVD AND/OR TRANSMISSION LINES

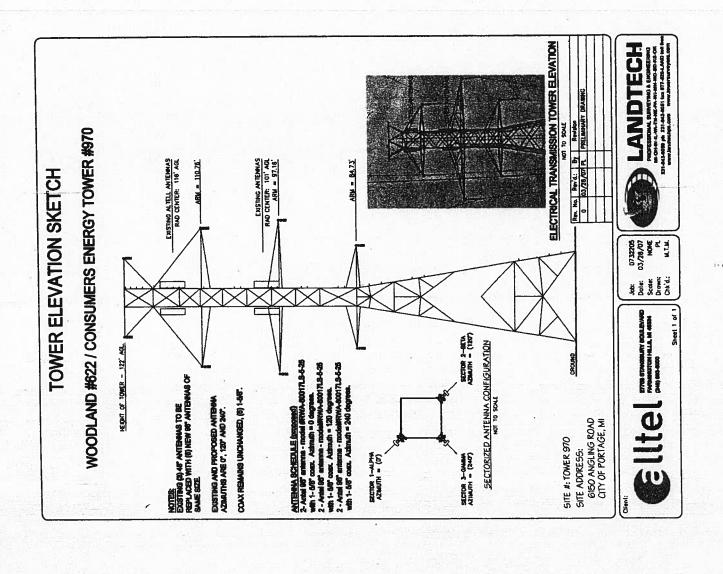
Send two (2) copies to:	
	TO BE FILLED IN BY SYSTEM OWNER / ENGINEER / CES
Transmission Lines Design and Standards	Headquarters Alma
Att: Justin Lancaster	Work Order No. <u>06646956</u>
Jackson, Michigan	Date <u>1/31/07</u>
PROPOSED DISTRIBUTION CONSTRUCTION	
Sketch Attached Yes No	PROPOSED COMMUNICATION CONSTRUCTION
Primary:	TO BE FILLED IN BY FIELD TECHNICIAN
Voltage 4800 Phase 1	- Cable Dia.
No. of Wires 2 Crossarms Per Pole n/a	- Weight/ft.
Wire Size 4 acsr Length of Crossarms n/a	- Strand Size
Distance Below Transmission n/a	- Tension
Skip-Span ☐ Yes ☒ No	Pole Attachment Height
Secondary:	Map # Pole #
No. of Wires <u>n/a</u> Wire Size <u>n/a</u>	
Other Details: See included comments on print	
Description: See included print	[1]
LOCATION	
	with Power System Analysis
	Structural Integrity - Engineering Required Yes No
Town 14 Range 03 Section 27	Calculated assuming STE rating of °F Cond Temp
Transmission Line Involved Summerton Line	Checked By Date
Transmission Pole No. not marked	
	□ <u>METC Line</u>
REMARKS:	
Prepared By Rich Klender	Date Date
System Planning and Performance / El	lectric Service
Reviewed By	Date
	itandards
Reviewed ByMETC	Date
EXISTING DISTRIBUTION FACILITIES Description: See included print LOCATION Township Chippewa County Isabella Town 14 Range 03 Section 27 Transmission Line Involved Summerton Line Transmission Pole No. not marked REMARKS: Prepared By Rich Klender System Planning and Performance / Eleviewed By Transmission Lines Design and Serviewed By	Structural Integrity - Engineering Required Yes No Calculated assuming STE rating of °F Cond Temp Checked By Date GWO No

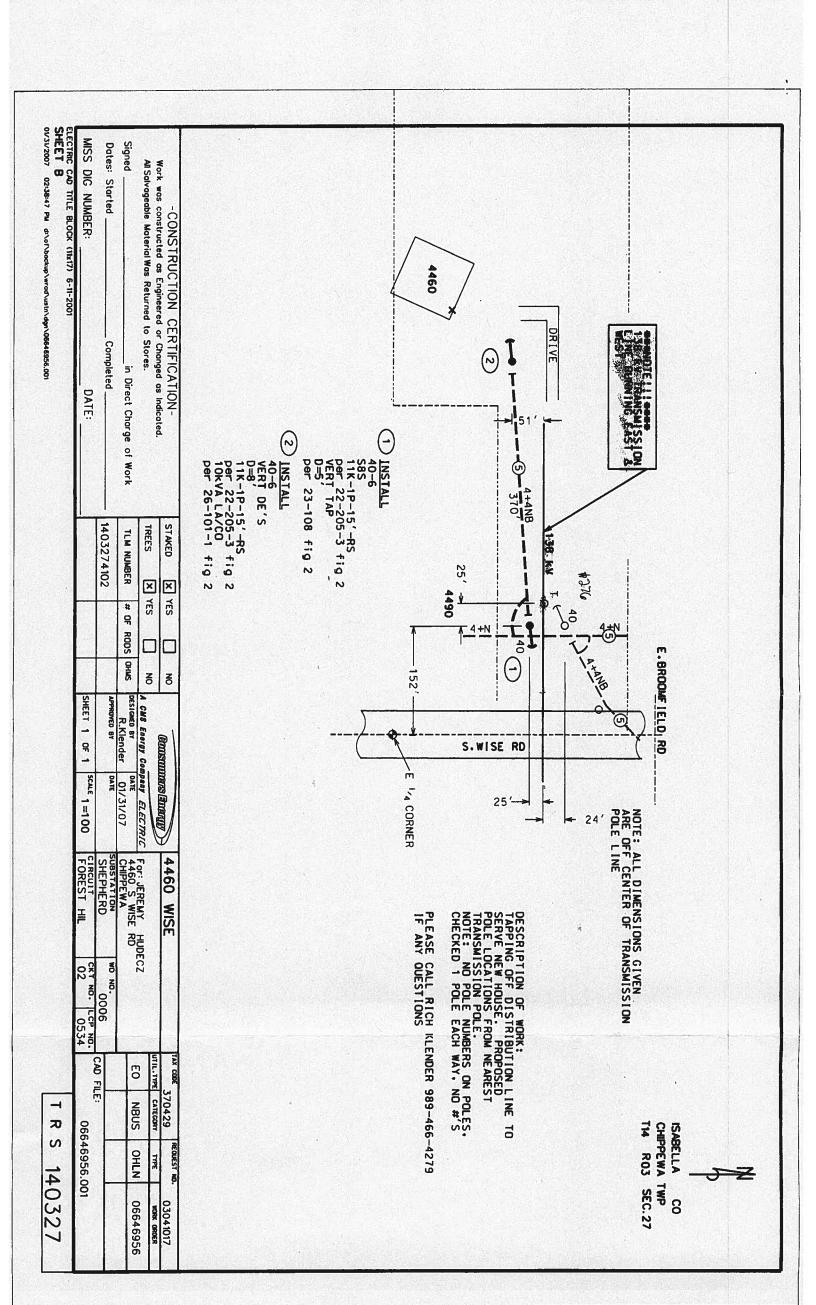
METC lines are subject to the easement rights of METC. Your request has been forwarded to Real Estate for processing and will require a <u>30-day</u> period prior to approval.

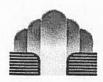












Richard W Klender/Al/Consumers/CMS 02/12/2007 09:35 AM To Stacie M Lahr/Pr/Consumers/CMS@CMS

CC

bcc

Subject Crossing Height at 4460 Wise Rd, Mt. Pleasant

Stacie: The height of the distribution at the point it crosses the transmission line is 33 feet ground to top wire.

If you have any other questions, please call or email.

Thanks! Rich LINE NAME: 6I -- #316 TO #47 (BULLOCK-SUMMERTON) STRUCTURE #: 272 ORDER: 46

STRUCTURE

DWG SHT LTR FIG REV COMMENTS

SDM025134 1

REMARKS: **GUYING:**

LINE NO/LTR: 61 STRUCT #: 272 OP VOLTAGE: 138 STN/EQ: 228.10 BACK SPAN: 530.00

DEFLECTION: TYPE: WOOD POLE

POLE HT: 65 POLE CLASS: 3 CONST TYPE: SA

CONDUCTORS

LINE 61

TYPE: 336.4 KCMIL ACSR

DES VOLTAGE: 138

DRAWINGS: NUM

SAG: SDM025531

SPACER RMKS:

REMARKS

6/: SAG 336.4 KCMIL ACSR FROM SUMMERTON SUB PER SDM025531 SH 4.

ELEVATIONS

GROUNDLINE: SETTING: CENTERLINE:

FRAMING

DWG SHT LTR FIG RE\ MZ0000909 22

CON LIST

DWG SHT LTR FIG REV T13800610 7

GROUND WIRE

LINE 61

TYPE:

DRAWINGS:

NUM SHT LTR FIG REV

SHT LTR FIG REV

SAG: SDM025537

REMARKS

6/: SAG 5/16" STEEL FROM SUMMERTON SUB PER SDM025537 SH 2.

GENERAL REMARKS

LOCATION

PROP OWNER: B.GILMORE

PARCEL NO: 98

REMARKS:

RIGHT-OF-WAY:

COUNTY: ISABELLA TOWNSHIP: CHIPPEWA TOWN/RANGE: T14N.R03W

SECTION: 26

REVISION

LETTER: A

GWO:

RS NO:

NOTES: CHG'D LINE LETTER FOR RECORD (JEO,HJE)

REV DESIGNER:

REV ENGINEER:

REVISION DATE: 7/13/1972

DESIGNER: RGH

ENGINEER: ACF, WAC, FFY

ENGINEER DATE: 7/30/1969

DIVISION HEAD: PAMULHEARN DEPT HEAD:

> LINE NO/LTR: 61 STR ORDER: 46 STRUCT #: 272

LINE NAME: 6I -- #316 TO #47 (BULLOCK-SUMMERTON) STRUCTURE #: 273 ORDER: 45

STRUCTURE

DWG SHT LTR FIG REV COMMENTS

SDM025134 1 В

REMARKS: GUYING:

LINE NO/LTR: 61 STRUCT #: 273 OP VOLTAGE: 138 STN/EQ: 222.80 BACK SPAN: 540.00

DEFLECTION: TYPE:

WOOD POLE POLE HT: 65 POLE CLASS: 3

CONST TYPE: SA

CONDUCTORS

LINE 61

TYPE: 336.4 KCMIL ACSR

DES VOLTAGE: 138

DRAWINGS:

NUM

SAG: SDM025531

SPACER RMKS:

REMARKS

61: SAG 336.4 KCMIL ACSR FROM SUMMERTON SUB PER SDM025531 SH 4.

ELEVATIONS

GROUNDLINE: SETTING: CENTERLINE:

FRAMING

SHT LTR FIG DWG RE\ MZ0000909 22

CON LIST

DWG SHT LTR FIG REV T13800610 7

GROUND WIRE

LINE 61

TYPE:

DRAWINGS:

NUM SHT LTR FIG REV

SHT LTR FIG REV

SAG: SDM025537

REMARKS

6/: SAG 5/16" STEEL FROM SUMMERTON SUB PER SDM025537 SH 2.

GENERAL REMARKS

LOCATION

PROP OWNER: B.GILMORE

PARCEL NO: 98 REMARKS:

RIGHT-OF-WAY:

COUNTY: ISABELLA TOWNSHIP: CHIPPEWA TOWN/RANGE: T14N,R03W

SECTION: 26

REVISION

LETTER: A GWO:

RS NO:

NOTES: CHG'D LINE LETTER FOR RECORD (JEO,HJE)

REV DESIGNER:

REV ENGINEER:

REVISION DATE: 7/13/1972 DESIGNER: RGH ENGINEER: ACF, WAC, FFY

ENGINEER DATE: 7/30/1969

DIVISION HEAD: PAMULHEARN

DEPT HEAD:

LINE NO/LTR: 61 STR ORDER: 45 STRUCT #: 273 LINE NAME: 6I -- #316 TO #47 (BULLOCK-SUMMERTON)
STRUCTURE #: 274 ORDER: 44

STRUCTURE

DWG SHT LTR FIG REV COMMENTS

SDM025134 1 B

REMARKS: GUYING: LINE NO/LTR: 6I STRUCT #: 274 -OP VOLTAGE: 138 STN/EQ: 217.40 BACK SPAN: 450.00

DEFLECTION: TYPE:

WOOD POLE

POLE HT: 65
POLE CLASS: 3
CONST TYPE: SA

CONDUCTORS

LINE 6

TYPE: 336.4 KCMIL ACSR

DES VOLTAGE: 138

DRAWINGS:

NUM SHT LTR FIG REV

SAG: SDM025531

SPACER RMKS:

REMARKS

6/: SAG 336.4 KCMIL ACSR FROM SUMMERTON SUB PER SDM025531 SH 4.

ELEVATIONS

GROUNDLINE: SETTING: CENTERLINE:

FRAMING

DWG SHT LTR FIG RE\
MZ0000909 22

CONLIST

DWG SHT LTR FIG RE\ T13800610 7

GROUND WIRE

LINE 61

TYPE:

DRAWINGS:

NUM SHT LTR FIG REV

SAG: SDM025537

REMARKS

6/: SAG 5/16" STEEL FROM SUMMERTON SUB PER SDM025537 SH 2.

GENERAL REMARKS

LOCATION

PROP OWNER: B.GILMORE

PARCEL NO: 98 REMARKS: RIGHT-OF-WAY:

COUNTY: ISABELLA TOWNSHIP: CHIPPEWA TOWN/RANGE: T14N,R03W

SECTION: 26

REVISION

LETTER: A GWO: RS NO:

NOTES: CHG'D LINE LETTER FOR RECORD (JEO,HJE)

REV DESIGNER:

REV ENGINEER:

REVISION DATE: 7/13/1972

DESIGNER: RGH

ENGINEER: ACF,WAC,FFY

ENGINEER DATE: 7/30/1969

DIVISION HEAD: PAMULHEARN DEPT HEAD:

LINE NO/LTR: 61 STR ORDER: 44 STRUCT #: 274 LINE NAME: 6I -- #316 TO #47 (BULLOCK-SUMMERTON)

STRUCTURE #: 275 ORDER: 43

STRUCTURE

DWG SHT LTR FIG REV COMMENTS

SDM025134 1

REMARKS: **GUYING:**

LINE NO/LTR: STRUCT #: OP VOLTAGE:

61 275 138

212.90 BACK SPAN: 430.00

DEFLECTION: TYPE:

STN/EQ:

WOOD POLE

POLE HT: 65 POLE CLASS: 2 CONST TYPE: SA

CONDUCTORS

LINE 61

TYPE: 336.4 KCMIL ACSR

DES VOLTAGE: 138

DRAWINGS:

NUM SHT LTR FIG REV

SAG: SDM025531

SPACER RMKS:

REMARKS

61: SAG 336.4 KCMIL ACSR FROM SUMMERTON SUB PER SDM025531 SH 4.

ELEVATIONS

GROUNDLINE: SETTING: CENTERLINE:

FRAMING

DWG SHT LTR FIG REI MZ0000909 22

CON LIST

DWG SHT LTR FIG RE\ T13800610 7

GROUND WIRE

LINE 61

TYPE:

DRAWINGS:

SHT LTR FIG REV NUM

SAG: SDM025537

REMARKS

6/: SAG 5/16" STEEL FROM SUMMERTON SUB PER SDM025537 SH 2.

GENERAL REMARKS

208.74 - 2/W DIST, 2/W TELE UB, 210.45 - CL WISE ROAD, SECTION LINE, PROPERTY LINE, WARNING -**BURIED TEL CABLE, 210.70 - FENCE**

LOCATION

PROP OWNER: B.GILMORE

PARCEL NO: 98 REMARKS:

RIGHT-OF-WAY:

COUNTY: ISABELLA TOWNSHIP: CHIPPEWA

TOWN/RANGE: T14N,R03W

SECTION: 26

REVISION

LETTER: A

GWO: RS NO:

NOTES: CHG'D LINE LETTER FOR RECORD (JEO,HJE)

REV DESIGNER:

REV ENGINEER:

REVISION DATE: 7/13/1972

DESIGNER: RGH

ENGINEER: ACF, WAC, FFY

ENGINEER DATE: 7/30/1969

DIVISION HEAD: PAMULHEARN DEPT HEAD:

> LINE NO/LTR: 61 STR ORDER: 43 STRUCT #: 275

 LINE NAME:
 6I -- #316 TO #47 (BULLOCK-SUMMERTON)

 STRUCTURE #:
 276
 ORDER:
 42

STRUCTURE

DWG SHT LTR FIG REV COMMENTS

SDM025134 1 B

REMARKS: GUYING: | LINE NO/LTR: 6| | STRUCT #: 276 | OP VOLTAGE: 138 | STN/EQ: 208.60 | BACK SPAN: 380.00

WOOD POLE

DEFLECTION: TYPE:

POLE HT: 70
POLE CLASS: 2
CONST TYPE: SA

CONDUCTORS

LINE 6

TYPE: 336.4 KCMIL ACSR

DES VOLTAGE: 138

DRAWINGS:

NUM SHT LTR FIG REV

SAG: SDM025531

SPACER RMKS:

REMARKS

6/: SAG 336.4 KCMIL ACSR FROM SUMMERTON SUB PER SDM025531 SH 4.

ELEVATIONS

GROUNDLINE: SETTING: CENTERLINE:

FRAMING

DWG SHT LTR FIG RE\
MZ0000909 22

CON LIST

DWG SHT LTR FIG RE\ T13800610 6

GROUND WIRE

LINE 61

TYPE:

DRAWINGS:

NUM SHT LTR FIG REV

SAG: SDM025537

REMARKS

6/: SAG 5/16" STEEL FROM SUMMERTON SUB PER SDM025537 SH 2.

GENERAL REMARKS

LOCATION

PROP OWNER: E.SEELEY

PARCEL NO: 100 REMARKS: RIGHT-OF-WAY:

COUNTY: ISABELLA

TOWNSHIP: CHIPPEWA TOWN/RANGE: T14N,R03W

SECTION: 27

REVISION

LETTER: B

GWO:

RS NO:

NOTES: CHG'D LINE LETTER FOR RECORD (JEO,HJE)

REV DESIGNER:

REV ENGINEER:

REVISION DATE: 7/13/1972

DESIGNER: RGH

ENGINEER: ACF, WAC, FFY

ENGINEER DATE: 7/30/1969

DIVISION HEAD: PAMULHEARN DEPT HEAD:

52, , , , , , , , , ,

 LINE NO/LTR:
 6I

 STR ORDER:
 42

 STRUCT #:
 276

LINE NAME: 61 - #316 TO #47 (BULLOCK-SUMMERTON) STRUCTURE #: 277 ORDER: 41

STRUCTURE

DWG SHT LTR FIG REV COMMENTS

SDM025134 1

REMARKS: GUYING:

LINE NO/LTR: 61 STRUCT #: 277 OP VOLTAGE: 138 STN/EQ: 204.80 BACK SPAN: 530.00

DEFLECTION: TYPE: WOOD POLE

POLE HT: 65 POLE CLASS: 3 CONST TYPE: SA

CONDUCTORS

LINE 61

TYPE: 336.4 KCMIL ACSR

DES VOLTAGE: 138

DRAWINGS:

NUM

SHT LTR FIG REV SAG: SDM025531

SPACER RMKS:

REMARKS

6/: SAG 336.4 KCMIL ACSR FROM SUMMERTON SUB PER SDM025531 SH 4.

ELEVATIONS

GROUNDLINE: SETTING: CENTERLINE:

FRAMING

DWG SHT LTR FIG RE MZ0000909 22

CONLIST

DWG SHT LTR FIG REV T13800610 6

GROUND WIRE

LINE 61

TYPE:

DRAWINGS:

NUM SHT LTR FIG REV

SAG: SDM025537

REMARKS

6/; SAG 5/16" STEEL FROM SUMMERTON SUB PER SDM025537 SH 2.

GENERAL REMARKS

LOCATION

PROP OWNER: E.SEELEY

PARCEL NO: 100 REMARKS:

RIGHT-OF-WAY:

COUNTY: ISABELLA TOWNSHIP: CHIPPEWA

TOWN/RANGE: T14N.R03W

SECTION: 27

REVISION

LETTER: B GWO:

RS NO:

NOTES: CHG'D LINE LETTER FOR RECORD (JEO,HJE)

REV DESIGNER:

REV ENGINEER:

REVISION DATE: 7/13/1972

DESIGNER: RGH

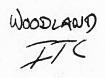
ENGINEER: ACF, WAC, FFY

ENGINEER DATE: 7/30/1969

DIVISION HEAD: PAMULHEARN DEPT HEAD:

> LINE NO/LTR: 61 STR ORDER: 41 STRUCT #: 277

Consumers Energy Application To Modify Existing Co-location Site



CLIENT INFORMATION	4
Company Name:	ALUTEL COMMUNICATIONS
Contact Person:	STEIR EARLS
Contact Address:	SEA WINCESS, INC
	6312 W. NAIN ST.
	KALAMAZOO, MI 49009
Contact Telephone #'s:	269-372-7100
	616-291-0211
Contact Fax #:	269-372-7112
Construction Coordinator Name:	727
Construction Coordinator Phone #:	TBD.
SITE INFORMATION	
Consumers Energy Site Identification (Name/#):	* , 90WER 970
Client Site Identification (Name/#):	11/0021 4410
Site Address:	6150 ANGUNG RD.
	KALAMAZOO, MI
Section, Town, Range:	
Township:	PORTOGE CITY
County:	KALAMAZOG
Latitude/Longitude:	420 13' 36.8" -850 37' 45.2
STRUCTURAL ANALYSIS/EQUIPMENT DATA	
Type of infrastructure: (Transmission tower, communications tower, distribution tower/pole, raw land, etc.)	TRANSMISSION TOWER #978
EXISTING EQUIPMENT:	
Antenna Type/Part Number(s):	2R70-12-00-A2
Antenna Mount Height:	116
Antenna Quantity:	THREE
Microwave Dish Type/Part Number:	NIA
Microwave Dish Quantity:	NIA
Co-axial Cable Size & Quantity:	6 COAK LINES 15/8"
Transmit and Receive Frequencies:	
Shelter or Cabinet:	SHELTER
EQUIPMENT TO REMOVE:	
Antenna Type/Part Number(s):	RR70-12-00-A2
Antenna Mount Height:	1/6'
Antenna Quantity:	THREE
Microwave Dish Type/Part Number:	NIA
Microwave Dish Quantity:	VIA
Co-axial Cable Size & Quantity:	NIA .
Transmit and Receive Frequencies:	7836.52-88152 1R. 880-890
Shelter or Cabinet:	1.000.00
Sucici di Capineti	
EQUIPMENT TO ADD:	
Antenna Type/Part Number(s):	Rula -8001765-5-25
Antenna Mount Height:	116
Antenna Quantity:	6
Microwave Dish Type/Part Number:	NIA
Microwave Dish Quantity:	NA
Co-axial Cable Size & Quantity:	NA
Transmit and Receive Frequencies:	~/ ``
Shelter or Cabinet:	

Shelter or Cabinet:

WOULAND

THE ANTENNA SPECIFICATION/CUT SHEETS INDICATING THE ANTENNA'S MECHANCIAL AND ELECTRICAL SPECIFICATIONS <u>MUST</u> BE ATTACHED TO THIS APPLICATION.

REMOVING 3 EXISTING ANTEUNAS AND ADDING 6 ANTEUNAS USING SAME COAN.

* Provided by Consumers Energy

DATE SUBMITTED:	3/30/	07	PROPOSED BUILD MONTH:	ASAP
	-	CONTROL OF THE CONTROL OF THE		

APPLICATION/ADMINISTRATIVE FEE:

An application and/or administrative fee is required to process this application, depending on the terms of the applicant's general lease agreement with Consumers Energy. The Application Fee is \$500.00, and the Administrative Fee (if required) is \$500.00.

INSTRUCTIONS:

Read entire application and sign the application.

- 2. Return the following items to the address below: Please do not send VIA Email
 - · One (1) signed copy of this application,
 - · Antenna specification/cut sheets,
 - Proposed site map (if exact address is unavailable), and
 - \$500 Administrative and/or \$500 Application Fee (make check(s) payable to Consumers Energy Company).
 - · Send to:

Paula K Bamm
Consumers Energy Company
Telecom Leasing Project
One Energy Plaza
Jackson, MI 49201-2276

GENERAL INFORMATION:

An engineering and operating review of your request <u>MUST</u> be made. Questions regarding progress may be directed to the Telecom Leasing Project (Paula Bamm 517-788-1752).

- If proposed site is a <u>transmission tower</u> co-location, <u>seven</u> copies of the site plans and construction drawings will need to be submitted when available.
- If proposed site is a <u>communications tower</u> co-location, <u>three</u> copies of the site plans and construction drawings will need to be submitted when available.
- All other proposed co-location or raw land installations require seven copies of the site plans and construction drawings be submitted when available.

Applicant understands that it is not obtaining an option, right of first refusal, or any other interest in the property in question by virtue of this application or the enclosed payment. Applicant also understands that Consumers Energy Company may (1) Not be able to lease the property; (2) Refuse to lease the property; and/or (3) Lease the property subject to any conditions, restriction or reservations it deems necessary or desirable.

Applicant acknowledges reading this application and understands that the \$500.00 <u>Administrative Fee is non-refundable</u>. The \$500 Application Fee will be refunded ONLY if Consumers Energy Company is unable to rent the requested space due to factors within Consumers Energy Company's control.

Applicant Signature M. Earls	3/30/07	
Applicant Signature	Date Signed	IFR T

This application for Schedule A to Lease Site has been APPROVED/APPROVED SUBJECT TO: /DENIED (circle one).

Consumers Energy Company Representative

Date Signed

TOWER SITE DETAIL (Please do not invoice from this document)

Schedule A

Date: February 7, 2000

Regarding a Lease made the 13th day of February 1998 between CONSUMERS ENERGY COMPANY, a Michigan corporation, 212 West Michigan Avenue, Jackson, Michigan 49201, "Landlord," and CENTURYTEL PERSONAL ACCESS NETWORK, INC., a Louisiana corporation, P.O. Box 4065, Monroe, Louisiana 71211-4065, "Tenant."

Site Name: Woodland #622 (Consumers Energy Tower #970)

Site Coordinates: Lat: N 42°13'38" Long: 85°37'45"

Site Address: 6150 Angling Road, City of Portage, Kalamazoo County, Michigan

Landlord Contract Manager: Jack M Decker Landlord Contract Manager Telephone: (517) 788-0055

Landlord Implementation Manager: Wendy C Allen Landlord Implementation Manager Telephone: (517) 788-1089

Landlord Site Manager: Richard G. Cottrell Landlord Site Manager Telephone: (517) 788-0817

Tenant Name: CenturyTel
Tenant Contact: Guy Link

Contact Address: 5025 28th Street SE, Grand Rapids, Michigan 49512

Tenant Telephone: (616) 285-7230 Tenant Fax: (616) 285-7396

First Year-Initial Term:
Second Year-Initial Term:
Third Year-Initial Term:
Fourth Year-Initial Term:
Fifth Year-Initial Term:
January 20, 2000 - January 19, 2001
January 19, 2002
January 20, 2001 - January 19, 2002
January 20, 2002 - January 19, 2003
January 20, 2003 - January 19, 2004
January 20, 2004 - January 19, 2005
Fifth Year-Initial Term Rent:
January 20, 2004 - January 19, 2005
Fifth Year-Initial Term Rent:
S15,000/year
Second Year-Initial Term Rent:
S16,224/year
Fourth Year-Initial Term Rent:
S16,873/year
Fifth Year-Initial Term Rent:
S16,873/year

Intended Site Use: Install antennas on tower and install equipment shelter or cabinets near tower.

Electric Energy charge of \$100.00 per month if metering is not obtained by tenant.

Tenant is authorized to install and maintain the following antenna and systems equipment:

Operating
Transmission Frequencies

Antenna Brand/Model Mount Height Azimuth Mounting Leg Line Transmit/Receive

2 PRO 17 00DP 114 feet 0.120-240 1/5/8" Ty 1945-1950 MF

3 RR90-17-00DP 114 feet 0-120-240 1/5/8" Tx 1945-1950 MHZ Rx 1865-1870 MHZ

The above-mentioned antennas may be replaced with the below mentioned antennas at a future date, provided that a new structural analysis is performed and the results are favorable.

Installed Equipment Description:

Rack Oty. Manufacturer Description Model See Site Plan for approved tower and ground details.



RR70-12-XXXA2

DualPol® Polarization 806 MHz - 896 MHz

OptiRange™

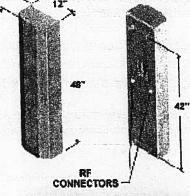
Electrical Specifications

Azimuth Beamwidth Elevation Beamwidth Gain Polarization Port-to-Port Isolation Front-to-Back Ratio **Electrical Downtilt Options VSWR** Connectors Power Handling Passive Intermodulation

Lightning Protection

70° 15° 11.2 dBd (13.1 dBi) Dual Linear, Slant (± 45°) ≥ 20 dB ≥ 26 dB 0°, 5° 1.35:1 Max

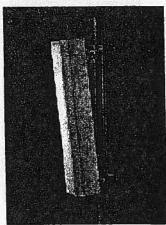
2; Type N or 7-16 DIN (female) 500 Watts CW \leq -150 dBc [2 x 20W (+ 43 dBm)] Chassis Ground



Mechanical Specifications Dimensions (L x W x D)

Rated Wind Velocity Equivalent Flat Plate Area Front Wind Load @ 100 mph (161 kph) Side Wind Load @ 100 mph (161 kph) Weight (Without Mounting Kit)

48 in x 12 in x 7 in (121.9 cm x 30.5 cm x 17.8 cm) 130 mph (209 kph) 4 ft2 (.37 m2) 118 lbs (525 N) 69 lbs (308 N) 18 lbs (8 kg)



Mounting Options

MTG-P00-10, MTG-S02-10, MTG-DXX-20*, MTG-CXX-10*, MTG-C02-10, MTG-TXX-10*

Note: *Model number shown represents a series of products. See Mounting Options section for specific model number.

Patterns Elevation Elevation **Azimuth** 0° Downtilt 5° Downtilt

Revised 04/20/04

EMS' antennas are protected by one or more of the following U.S. patents: 5,844,529; 6,067,053; 6,462,710; 6,392,600; 6,069,590; 5,966,102; 5,757,246. EMS' antenna designs may also be covered by pending U.S. patent applications and by pending & awarded international patents.

Mechanical specifications

Leng	4	2450	mm	96.5 ir	10
			late of #	- (AZ P P P E A 100 C	200
Widt		285	mm	11.2 lr	
	250 3 2 S	2. 2. 7. 30			5.07
Dept	h e	160	mm	6.3 ir	1
147 Te 1870 Tes	10000000000000000000000000000000000000			A THE STATE OF	
Weight	int .	14	kg 🐇	31.0 II	26
			2	7 -4 6	2
VVInc	Area	0.698	m	7.51 f	
41.0			E. Vers		
VYINC	load	The second of		OFO II	
at 5	0 m/s	1140	N. State	258 II	JS.

Antenna consisting of aluminum alloy with brass feedlines covered by a UV safe fiberglass radome.

Mounting & Downtilting: Mounting brackets attach to a pipe diameter of Ø50-160 mm (2.0-6.3 in).

Mounting bracket kit #36210002 Downtilt bracket kit #36114003

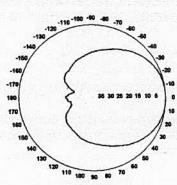
Electrical specifications

Frequency Rar	ige .	806-941	MHz*
Impedance		50Ω	
³⁾ Connector		NE, E-DI	Ŋ
¹⁾ VSWR		s1,4:1	
Polarization		Vertical	ar es
¹⁾ Gain ²⁾ Power Peting	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	16 dBd	
Louis Vanis		500 W	
¹⁾ Half Power An H-Plane		62°	
E-Plane	A CARLES	7	
1) Electrical Dow	ntiit	5°	
⁽¹⁾ Null Fill	PARTY STATE	25%	
Lightning Prote	ection	Direct G	round

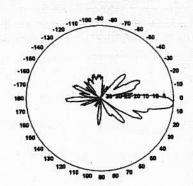
Also available up to 960 MHz. Consuit your sales director for more information.

When ordering, replace "___" with connector type.

Radiation-pattern1)



Horizontal

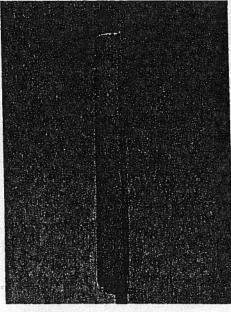


Vertical

Specially designed for enhanced upper side lobe suppression.

Radiation patterns for all antennas are measured with the antenna mounted on a fiberglass pole.

Mounting on a metal pole will typically improve the Front-to-Back Ratio.





Amphenol Antel's Exclusive 3T (True Transmission Line Technology) Antenna Design:

- A 11/4" four-channel extrusion running the entire length of the antenna for unmatched strength and rigidity
- Durable brass feedline design that eliminates the need for conventional solder joints in the signal path.
- A non-collinear system with access to every radiating element for broad band width and superior performance.
- Air as insulation for virtually no internal signal loss.

Every Amphenol Antel antenna is under a fiveyear limited warranty for repair or replacement.

Antenna available with bottom-fed connector only.

Typical Values:

Power Rating limited by connector only.

NE indicates an elongated N Connector.

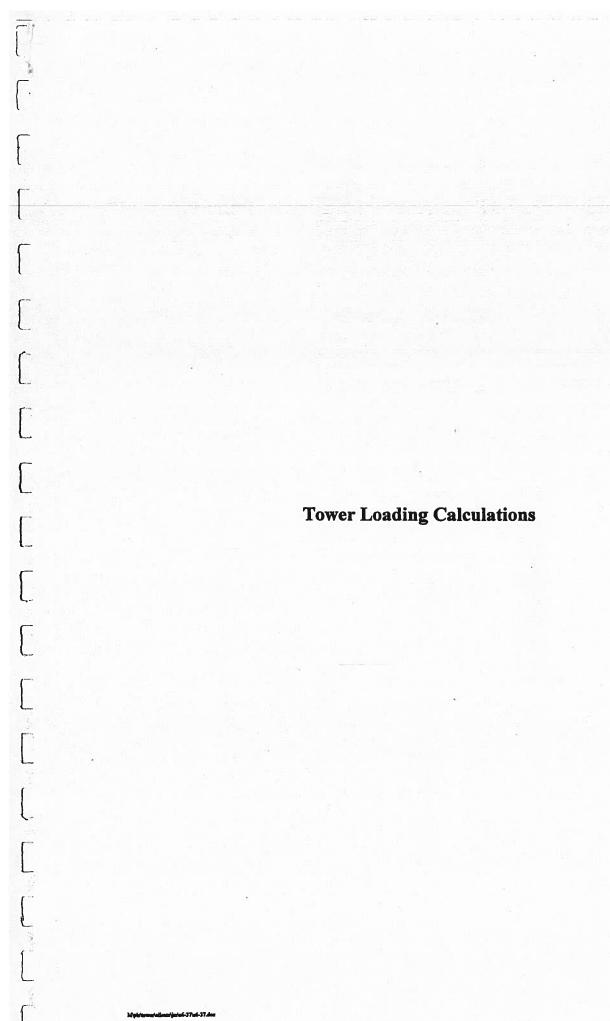
E-DIN indicates an elongated DIN Connector.

The antenna weight listed above does not include the

806-941 MHz



RWA-80017LS



TOWER #970 TOWER LOADS

Variable Assignment:

800	-	Wind Span (feet)	
1040	-	Weight Span (feet)	
0.273		Shield Wire Weight (pound/foot)	Shield Wire: 3/8" HS Steel (7 Str)
0.808	-	Shield Wire Weight (+ 1/2" radial ice) (pound/foot)	
1.613	-	Conductor Weight (pound/foot)	Conductor: 1431 Kcmil 45/7 Str. ACSR (Bobolink)
2.182	=	Conductor Weight (+ 1/2" radial ice) (pound/foot)	
0.36		Shield Wire Diameter (inches)	
1.36	=	Shield Wire Diameter (+ 1/2" radiat ice) (inches)	
1.427		Conductor Diameter (inches)	
2.427		Conductor Diameter (+ 1/2" radial ice) (inches)	
0.83		Line Angle (degrees)	
4500	=	Shield Wire Tension (Nesc Heavy) (pounds)	
12830	=	Conductor Tension (Nesc Heavy) (pounds)	
3299	8 48	Shield Wire Tension (Nesc Extreme Wind) (pounds	
10725	=	Conductor Tension (Nesc Extreme Wind) (pounds)	

Load Case #1 NESC Heavy (1997 OLF)

SW	V = 1.5 * Weight Span * Shield Wire Weight = 1260	
	T = 2.5 * Wind Span * Shield Wire Diameter * 1 FT/ 12 IN * 4 PSF + 1.65 * 2 * SIN (Line Angle/2) * Shield Wire Tension = 1015	
COND	V = 1.5 * Weight Span * Conductor Weight = 3404	
	T = 2.5 * Wind Span * Conductor Diameter * 1 FT/ 12 IN * 4 PSF + 1.65 * 2 * SIN (Line Angle/2) * Conductor Tension = 1926	
TOWER	WIND 4 * (2.5 * 2 Faces * 1.6)/2 = 16 PSF/FACE DRAG FACTOR = 1.0	
	DEAD LOAD = DI * 1.5	

CABLE BELOW JOINT 4

3.00 #/ft

T = 4.38 #/ft

CABLE BELOW JOINT 10

V =

6.00 #/ft

T = 8.76 #/ft

JOINT LOAD DUE TO WIND ON CABLES ON LEGS

	Joint	Cable Lengths	Vertical	Transverse
Ī	48	5.20	16	23
	58	4.50	14	20
	68	4.50	14	20
	78	4.30	13	19
	88	4.00	12	18
	98	4.30	13	19
	10P	5.40	32	47
	118	6.50	39	57
	128	6.90	41	60
	138	7.10	43	62
	148	17.00	102	149
	158	29.00	174	254

JOINT LOAD DUE TO ANTENNA

Joir	it	Vertical	Transverse
	3P	69	43
	31	69	43
12	32	41	26
	33	41	26
	33 4S	69	43
	41	69	43
	42	41	26
	43	41	26
	42 43 6S	45	25
	61	45	25
	62	45	25
	75	45	25
	62 7S 71	45	25
	72	45	25

TOTAL JOINT LOADS

Joint	Vertical	Transverse
3P	69	43
31	69	43
32	41	26
33	41	26
48	85	66
41	69	43
42	41	26
43	41	26
5S	14	20
68	58	45
61	45	25
62		25
78		44
71	45	25
72	45	25
88		18
98		19
10P		47
118		57
128		60
138		62
148	1	149
158		254

Load Case #2 NESC Extreme Wind

SW

V = Weight Span * Shield Wire Weight

= 284

T = Wind Span * Shield Wire Diameter * 1 FT/ 12 IN * 24 PSF

+ 2 * SIN (Line Angle/2) * Shield Wire Tension

= 624

COND

V = Weight Span * Conductor Weight

= 1678

T = Wind Span * Conductor Diameter * 1 FT/ 12 IN * 24 PSF

+ 2 * SIN (Line Angle/2) * Conductor Tension

= 2439

TOWER

WIND 36.0 * 1.00

= 36.00 PSF/FACE

DRAG FACTOR = 1.0

DEAD LOAD = DL * 1.0

CABLE BELOW JOINT 4

V=

2.00 #/ft

CABLE BELOW JOINT 10

V =

4.00 #/ft

43

T =

9.84 #/ft

T = 19.68 #/ft

JOINT LOAD DUE TO WIND ON CABLES ON LEGS

1 11 7/2	Cable		
Joint	Lengths	Vertical	Transverse
48	5.20	10	51
58	4.50	9	44
68	4.50	9	44
78	4.30	9	42
88	4.00	8	39
98	4.30	9	42
10P	5.40	22	106
118	6.50	26	128
128	6.90	28	136
138	7.10	28	140
148	17.00	68	335
158	29.00	116	571

TOTAL JOINT LOADS

3P

Joint Vertical Transverse

69

31	69	43	
31 32	41	26	
33	41	26	
48	79	94	
41	69	43	
42	41	26	
43	41	26	
42 43 5S	9	44	
68	54	69	
61	45	25	
62	45	25	
75	53	67	
71	45	25	
72	45	25	
88	8	39	
98	9	42	
10P	22	106	
115	26	128	
128	28	136	
138	28	140	
148	68	335	
158	116	571	

JOINT LOAD DUE TO ANTENNA

Joint	Vertical	Transverse
3P	69	43
31	69	43
32	41	26
33 4S	41	26
48	69	43
41	69	43
42 43	41	26
43	41	26
6S	45	25
61	45	25
62	45	25
78	45	25
71	45	25
72	45	25

Load Case #3 NESC Extreme Wind (45 Degrees)

 $(24 \text{ PSF x } \cos^2 45^\circ \text{ x } 1.2 = 14.4 \text{PSF})$

SW

Weight Span * Shield Wire Weight

T = Wind Span * Shield Wire Diameter * 1 FT/ 12 IN * 14.4 PSF

+ 2 * SIN (Line Angle/2) * Shield Wire Tension

COND

V = Weight Span * Conductor Weight

= 1678

Wind Span * Conductor Diameter * 1 FT/ 12 IN * 14.4 PSF

+ 2 * SIN (Line Angle/2) * Conductor Tension

= 1526

TOWER

WIND 43.2 * 1.00 x cos 45°

= **43.20** PSF/FACE

30.5

DRAG FACTOR = 1.0

= DL * 1.0 **DEAD LOAD**

CABLE BELOW JOINT 4

V =

2.00 #/ft

CABLE BELOW JOINT 10

TOTAL JOINT LOADS

31

48

V = 4.00 #/ft

T= 9.84 #/ft T = 19.68 #/ft

JOINT LOAD DUE TO WIND ON CABLES ON LEGS

	Cable		
Joint	Lengths	Vertical	Transverse
48	5.20	10	51
58	4.50	9	44
68	4.50	9	44
78	4.30	9	42
88	4.00	8	39
98	4.30	9	42
10P	5.40	22	106
118	6.50	26	128
128	6.90	28	136
138	7.10	28	140
148	17.00	68	335
158	29.00	116	571

32 33

Joint Vertical Transverse x cos 45° 3P 69 43

43

26

26

94

69

41

41

79

30

30

18

18

67

JOINT LOAD DUE TO ANTENNA

Joint	Vertical	Transverse
3P	69	43
31	69	43
32	41	26
33	41	26
48	69	43
41	69	43
42	41	26
43	41	26
6S 61	45	25
61	45	25
62	45	25
78	45	25
62 7S 71	45	25
72	45	25

41	69	43	
42	41	26	
43	41	26	
58	9	44	
42 43 55 6S	54	69	

41	69	43	30
42	41	26	18
43	41	26	18
58	9	44	31
68	54	69	49
61	45	25	18
62	45	25	18
78	53	67	48
71	45	25	18
72	45	25	18
41 42 43 5S 6S 61 62 7S 71 72 8S 9S	8	39	28
98	9	42	30
10P	22	106	75
115	26	128	90
128	28	136	96
138	28	140	99
148	68	335	237
158	116	571	404

Load Case #5 Extreme Wind Tower Only (45 degrees)

TOWER

WIND 73.2 • 1.00

= 73.20 PSF/FACE

x cos 45°

PSF/FACE 51.8 DRAG FACTOR = 1.0

DRAG F

DEAD LOAD = DL * 1.0

CABLE BELOW JOINT 4

V = 2.00 #/ft

T = 16.70 #/ft

CABLE BELOW JOINT 10

V = 4.00 #/ft

T = 33.40 #ft

JOINT LOAD DUE TO WIND ON CABLES ON LEGS

	Joint	Cable Lengths	Vertical	Transverse
L	48	5.20	10	87
	58	4.50	9	75
	68	4.50	9	75
	75	4.30	9	72
	88	4.00	8	67
	98	4.30	9	72
	10P	5.40	22	180
	118	6.50	26	217
	128	6.90	28	230
	138	7.10	28	237
	148	17.00	68	568
	158	29.00	116	969
			- 4	

JOINT LOAD DUE TO ANTENNA

Joint	Vertical	Transverse
3P	69	43
31	69	43
32	41	26
33	41	26
48	69	43
41	69	43
42	41	26
43	41	26
68	45	25
61	45	25
62	45	25
78	45	25
71	45	25
72	45	25

TOTAL JOINT LOADS

Joint	Vertical	Transverse	x cos 45°
3P	69	43	30
31	69	43	30
32	41	26	18
33	41	26	18
48	79	130	92
41	69	43	30
42	41	26	18
43	41	26	18
58	9	75	53
68	54	100	71
61	45	25	18
62	45	25	18
78	53	97	68
71	45	25	18
72	45	25	18
85	8	67	47
98	9	72	51
10P	22	180	128
118		217	154
128		230	163
138		237	168
148		568	401
158		969	685

Load Case #4&6 Extreme Wind Tower Only (Transverse/Longitudinal wind)

TOWER

WIND 61.0 • 1.00

= **61.00** PSF/FACE

DRAG FACTOR = 1.0

DEAD LOAD = DL * 1.0

CABLE BELOW JOINT 4

V =

2.00 #/ft

T =

16.70 #/ft

CABLE BELOW JOINT 10

V =

4.00 #/ft

T=

33.40 #/ft

JOINT LOAD DUE TO WIND ON CABLES ON LEGS

	Joint	Cable Lengths	Vertical	Transverse
_	48	5.20	10	87
	58	4.50	9	75
	68	4.50	9	75
	78	4.30	9	72
	88	4.00	8	67
	98	4.30	9	72
	10P	5.40	22	180
	118	6.50	26	217
	128	6.90	28	230
	138	7.10	28	237
	148	17.00	68	568
	158	29.00	116	969

JOINT LOAD DUE TO ANTENNA

Joint	Vertical	Transverse
3P	69	43
31	69	43
32	41	26
33	41	26
48	69	43
41	69	43
42	41	26
43	41	26
6S	45	25
61	45	25
62	45	25
78	45	25
71	45	25
72	45	25

TOTAL JOINT LOADS

Г	Joint	Vertical	Transverse/Longitudinal
	3P	69	43
	31	69	43
	32	41	26
	33	41	26
	48	79	130
	41	69	43
	42	41	26
	43	41	26
	5S	9	75
	68	54	100
	61	45	25
	62	45	25
	78		97
	71	45	25
	72	45	25
	88		67
	98	9	72
	10P		180
	118		217
	128		230
	138		237
	148		568
	158		969

ALUMINUM COMPANY OF AMERICA SAG AND TENSION DATA

COND FOR 970 TOWER

Conductor BOBOLINK 1431.0 Kcmil 45/7 Stranding ACSR
M:\PLS\TOWER\CLIENTS\CONSUMER\970_CON.PRF Time:09:01AM Date:09/20/1999
Area= 1.2010 Sq. In Dia= 1.427 In Wt= 1.613 Lb/F RTS= 38300 Lb
Data from Chart No. 1-957
English Units

Span=	800	.0 Feet	NES	C Heavy Lo	oad Zone			
Creep I	S a Fa	ctor						
Des	ign Po	ints			Final		Initi	al
Temp	Ice	Wind	K	Weight	Sag	Tension	Sag	Tension
F	In	Psf	Lb/F	Lb/F	Ft	Lb	Ft	Lb
0.	.50	4.00	.30	3.226	21.54	12024.	20.18	12830.*
0.	.50	2.80	.00	2.868	21.01	10961.	19.40	11864.
32.	.50	.00	.00	2.812	22.59	10001.	20.76	10873.
60.	.00	24.00	.00	3.278	24.58	10725.	22.91	11496.
60.	.00	14.40	.00	2.352	23.39	8082.	21.17	8925.
60.	.00	10.20	.00	2.018	22.93	7073.	20.47	7917.
-20.	.00	.00	.00	1.613	17.56	7366.	14.96	8641.
0.	.00	.00	.00	1.613	18.81	6880.	16.11	8026.
30.	.00	.00	.00	1.613	20.61	6283.	17.84	7250.
60.	.00	.00	.00	1.613	22.32	5804.	19.55	6622.
90.	.00	.00	.00	1.613	23.95	5413.	21.20	6109.
120.	.00	.00	.00	1.613	25.51	5086.	22.80	5685.
167.	.00	.00	.00	1.613	27.81	4671.	25.17	5153.
212.	.00	.00	.00	1.613	29.87	4352.	27.32	4753.
* Desi	on Con	dition					2 =	11, 11 2

¿ :

ALUMINUM COMPANY OF AMERICA SAG AND TENSION DATA

SHIELD WIRE FOR CONSUMERS TOWER NO. 970

Conductor Nominal Diameter 3/8 7 Strand Steel HS
M:\PLS\TOWER\CLIENTS\CONSUMER\970_SW.PRF Time:09:02AM Date:09/20/1999
Area= .0792 Sq. In Dia= .360 In Wt= .273 Lb/F RTS= 10800 Lb
Data from Chart No. 1-1245
English Units

Creen i	S NOT	a Factor		C Heavy Lo				
	ion Po				Final		Initi	al
Temp	Ice	Wind	K	Weight	Sag	Tension	Sag	Tension
F	In	Psf	Lb/F	Lb/F	Ft	Lb	Ft	Lb
0.	.50	4.00	.30	1.226	21.89	4500.	21.89	4500.*
0.	.50	2.80	.00	.868	19.32	3605.	19.11	3645.
32.	.50	.00	.00	.808	19.66	3299.	19.38	3346.
60.	.00	24.00	.00	.770	20.08	3078.	19.76	3128.
60.	.00	14.40	.00	.511	17.70	2316.	17.17	2387.
60.	.00	10.20	.00	.410	16.56	1985.	15.91	2066.
-20.	.00	.00	.00	.273	11.71	1867.	10.98	1992.
0.	.00	.00	.00	.273	.12.45	1757.	11.66	1875.
30.	.00	.00	.00	.273	13.57	1612.	12.72	1720.
60.	.00	.00	.00	.273	14.69	1490.	13.79	1586.
90.	.00	.00	.00	.273	15.80	1385.	14.87	1472.
120.	.00	.00	.00	.273	16.89	1296.	15.94	1373.
167.	.00	.00	.00	.273	18.54	1181.	17.58	1246.
212. * Desi	.00	.00	.00	.273	20.07	1092.	19.10	1147.

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· CENTURY FEL SITE #622 (WOODLAND) · COMNITOUST STE * KZ 06311 ·

> CE Tower # 970 138m Lines By/N Tower Type 2IA+30

ZI BERITES TOWER DESIGN LOAD BASTS

TABLE I

0.50													
	I	Initial Tensi	Penstons (Lbs)	Marie A.				fire Loading	lne	Wind on	Witness Mine	U. ma	
The first or Constitution	Babe	Bubconductor	Grounc	Wire	Design	Design Span (Pt)		(Initial			8	Safety Factors	2
	Tuesce	ьгокеп	Intact	Broken	Wind	7.	Temp	Wind	Ice	(PSF)	Vert	Trans	Long
24 (2), token TIPE	1431(45)	1431(45)ACSK	3/8'ST	(1 sne)					180 218	(WINDWARD			
I. MESC Gr B, Intact	12,630		1,500		8 1	\$ 25	•	hpsf	1/5"	# # #	1.5	2.5/1.65	1.65
III Broked GN	12,830		4,500	4,500	725	940	•	Bpsf	1/5"	98	1.0	1.0	1.0
X AII, Broken Copie	12,830	7,550	4,500	ı ı	725	046	8	Bpsf	1/5"	56	1.0	1.0	1.0
IVA. NESC Extreme Wind	11,273	•	3,269		725	046	• 99	24psf		TELANY	1.0	1.0	1.0
(Avp. Auge petrolme Ayal, 22 gre ye proper 11,273	11,273	•	3,269	•	725	680	•09	24psf		72	1.0	1.0	1.0
V. RESC Extreme Wind, Tower Only	•	•			•					122 (Any	1.0	1.0	1.0
										Direction)			

VI Heeky 196
yfi. Constr Veyt, Ch

Kill. Confr Veft, Condpétor

1.0

1.0 1.0

30

ट्ट

725

7,026

3,040 Lbs (See Note 1) 7,600 Lbs (See Note 1)

ALL = Not Repured

Markey 1/12/79 8/26/99