

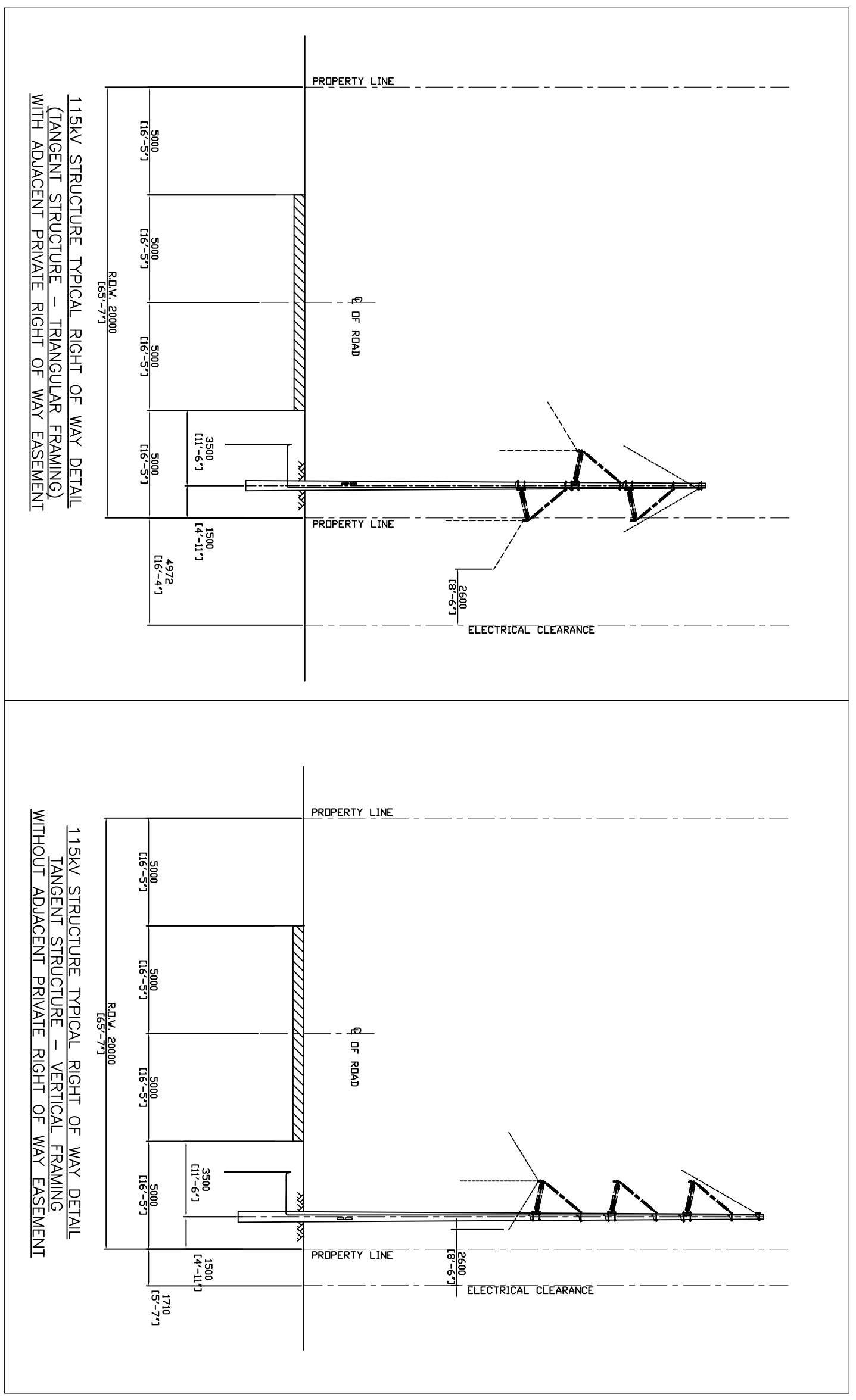
**McLean's Mountain Wind Limited Partnership**

**Exhibit E**

**Tab 1**

**Schedule 5**

**DESIGN SPECIFICATIONS AND OPERATIONAL DATA: OVERHEAD LINE DESIGN**  
**DRAWINGS AND STRINGING CHARTS**



115KV STRUCTURE TYPICAL RIGHT OF WAY DETAIL  
(TANGENT STRUCTURE - TRIANGULAR FRAMING)  
WITH ADJACENT PRIVATE RIGHT OF WAY EASEMENT

115KV STRUCTURE TYPICAL RIGHT OF WAY DETAIL  
(TANGENT STRUCTURE - VERTICAL FRAMING)  
WITHOUT ADJACENT PRIVATE RIGHT OF WAY EASEMENT

REV	D/W/Y	DESCRIPTION	DR	CHK	APP	APP	APP	APP	APP	ISS	D/W/Y	APP	ISSUED FOR	REF NUMBER	TITLE	REFERENCES
B1	09/11/11	IMPROVE CLIENT'S COMMENTS														
B	28/04/11	CONCEPTUAL ISSUED - EASEMENT STUDY	E.K.	E.K.												
A	15/03/11	ISSUED FOR REVIEW	L.V.	E.K.												
B1	09/11/11	ISSUED FOR PERMIT APPLICATION														
B	28/04/11	CONCEPTUAL ISSUED - EASEMENT STUDY	E.K.	E.K.												
A	15/03/11	ISSUED FOR REVIEW	L.V.	E.K.												

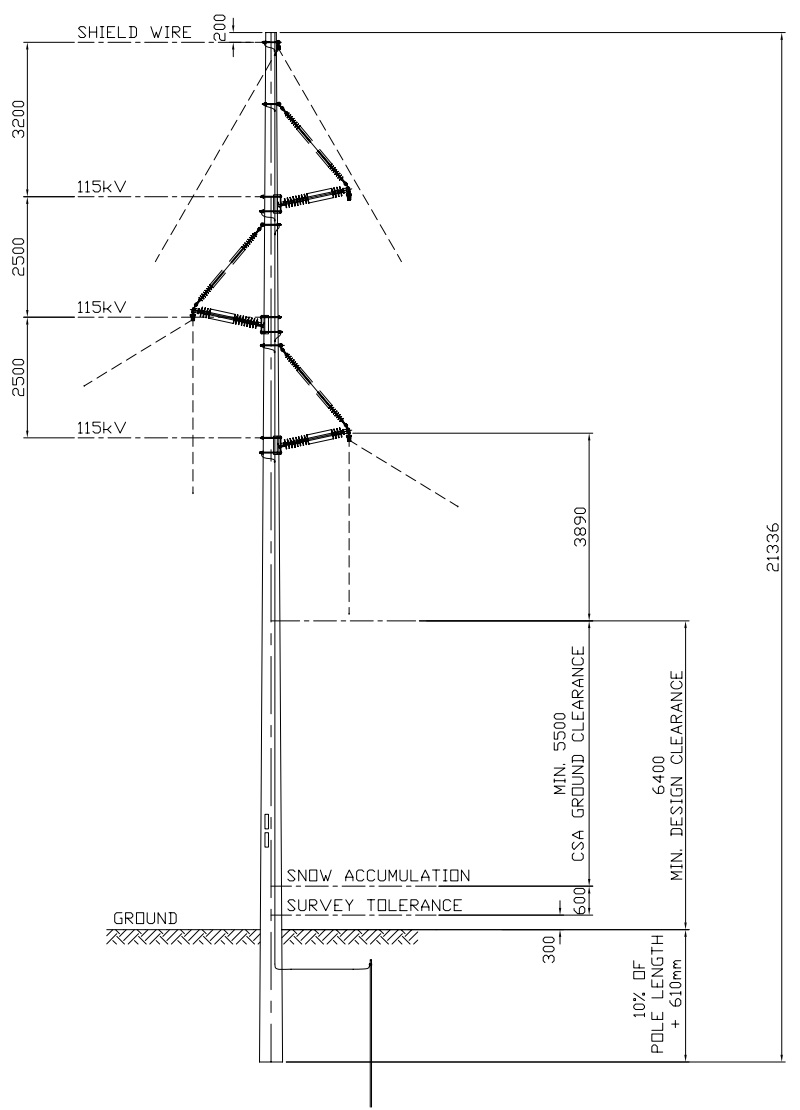
STAMP/SEAL		APPROVED FOR CONSTRUCTION	
PROPRIETARY INFORMATION - PROPERTY OF CH2M HILL INC. AND IS NOT TO BE LOANED OR REPRODUCED IN ANY WAY WITHOUT THE PERMISSION OF CH2M HILL INC.		CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR. PROJECT NO. ACTIVITY NO. PACKAGE CODE SCALE BY D/W/Y DRN. L/VN. 15/03/11	AREA SUBJECT MCLEEN MOUNTAIN WIND FARM 115KV TRANSMISSION OVERHEAD LINE TYPICAL RIGHT OF WAY DETAIL

**Chimax Inc.**  
 Engineering & Construction  
 1106-PO03  
 CLIENT DWG. NO.

**EPTICON LTD.**  
 TRANSMISSION CONSTRUCTION  
 560 SHELTON DRIVE, CAMBRIDGE, ONTARIO N1T 6A4  
 TEL: (519) 820-4414 FAX: (519) 820-4413

DRAWING NO. 1106-PO03  
 CAD FILE ADDRESS 1106-PO03-8  
 REV. B1

A B C D E F  
 9 8 7 6 5 4 3 2 1



115kV TRANSMISSION LINE  
1CCT TANGENT (0 - 2°) TRIANGULAR FRAMING  
W-S115-02-TX-WC0XX

**DESIGN NOTES:**

THE PROPOSED STRUCTURE FRAMING, POLE REQUIREMENT AND RECOMMENDATION STANDARD SPAN ARE BASED ON THE FOLLOWING DESIGN DATA:

**A. DESIGN CRITERIA**

1. MEAN ANNUAL SNOW ACCUMULATION: 0.6 m
2. ADDITIONAL SURVEY TOLERANCE: 0.3 m
3. MINIMUM DESIGN LOADING  
CSA HEAVY CONDITION  
HOURLY WIND 400 Pa  
RADIAL ICE THICKNESS 12.7 mm (1/2")  
CONDUCTOR TEMPERATION -20°C
4. WIND LOADING:  
(i) HOURLY WIND (1/100) 480 Pa (~101 km/hr)  
(ii) HOURLY WIND (1/50) 420 Pa (~94 km/hr)  
(iii) HOURLY WIND (1/30) 370 Pa (~88 km/hr)  
(iv) GUST WIND 130 km/hr
5. ICE LOADING:  
RADIAL ICE THICKNESS (STRUCTURAL) 25.4 mm (1")  
RADIAL ICE THICKNESS (CLEARANCE) 12.7 mm (1/2")

**B. CLEARANCE CRITERIA**

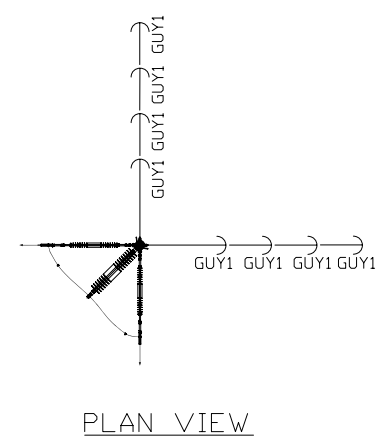
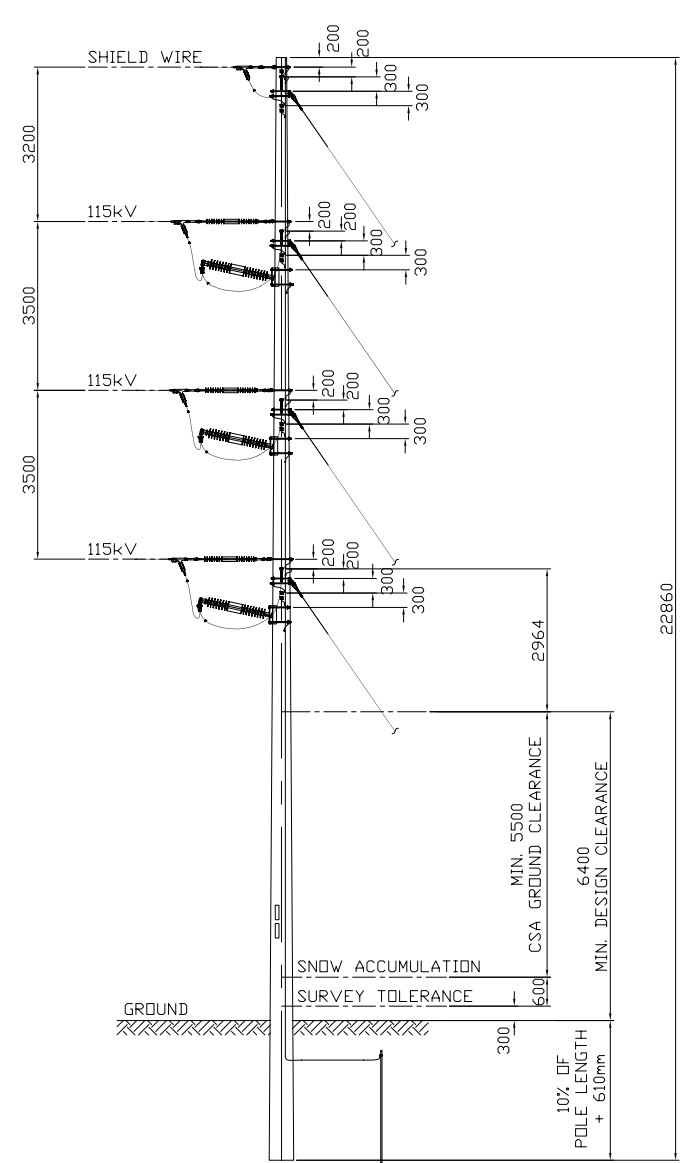
1. VERTICAL GROUND CLEARANCE  
MIN. 138 kV CONDUCTOR 5.5 m  
DESIGN 138kV CONDUCTOR 6.4 m

REV	D/M/Y	REVISION	DR	CHK	APP	APP	APP	APP	ISS	D/M/Y	APP	ISSUED FOR	REF	NUMBER	TITLE
B	26/04/11	CONCEPTUAL ISSUED - FEASIBILITY STUDY							B	26/04/11		CONCEPTUAL ISSUED - FEASIBILITY STUDY			
A	15/03/11	ISSUED FOR REVIEW							A	15/03/11		ISSUED FOR REVIEW			

APPROVED FOR CONSTRUCTION			ELECTRICAL POWER & TRANSMISSION CONSTRUCTION	
CLIENT PROJECT MGR.	DEPARTMENT MGR.	PROJECT MGR.	AREA	MCLEAN MOUNTAIN WIND FARM
PROJECT NO.	ACTIVITY NO.	PACKAGE CODE	SUBJECT	115kV TRANSMISSION OVERHEAD LINE 1CCT TANGENT (0°-2°) TRIANGULAR FRAMING
SCALE	BY	D/M/Y	CLIENT DWG. NO.	
	DSN. E.KWONG	15/03/11	DRAWING NO.	1106-P201
	DRN. J.JYN	15/03/11	REV.	B
STAMP/SEAL			CADD FILE ADDRESS 1106-P201-B	
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**EPTCON LTD.**  
560 SHELDON DRIVE, CAMBRIDGE, ONTARIO N1T 0A4  
TEL: (519) 620-4414 FAX: (519) 620-4413





115kV TRANSMISSION LINE  
1CCT HEAVY ANGLE (60 - 90°) FRAMING  
W-S115-90-WCOXX

**DESIGN NOTES:**

THE PROPOSED STRUCTURE FRAMING, POLE REQUIREMENT AND RECOMMENDATION STANDARD SPAN ARE BASED ON THE FOLLOWING DESIGN DATA:

**A. DESIGN CRITERIA**

1. MEAN ANNUAL SNOW ACCUMULATION: 0.6 m
2. ADDITIONAL SURVEY TOLERANCE: 0.3 m
3. MINIMUM DESIGN LOADING  
CSA HEAVY CONDITION  
HOURLY WIND 400 Pa  
RADIAL ICE THICKNESS 12.7 mm (1/2")  
CONDUCTOR TEMPERATURE -20°C
4. WIND LOADING:  
(i) HOURLY WIND (1/100) 480 Pa (~101 km/hr)  
(ii) HOURLY WIND (1/50) 420 Pa (~94 km/hr)  
(iii) HOURLY WIND (1/30) 370 Pa (~88 km/hr)  
(iv) GUST WIND 130 km/hr
5. ICE LOADING:  
RADIAL ICE THICKNESS (STRUCTURAL) 25.4 mm (1")  
RADIAL ICE THICKNESS (CLEARANCE) 12.7 mm (1/2")

**B. CLEARANCE CRITERIA**

1. VERTICAL GROUND CLEARANCE  
MIN. 138 kV CONDUCTOR 5.5 m  
DESIGN 138kV CONDUCTOR 6.4 m

REV	D/M/Y	REVISION	DR	CHK	APP	APP	APP	ISS	D/M/Y	APP	ISSUED FOR	REF	NUMBER	TITLE	REFERENCES
B	26/04/11	CONCEPTUAL ISSUED - FEASIBILITY STUDY						B	26/04/11		CONCEPTUAL ISSUED - FEASIBILITY STUDY				
A	15/03/11	ISSUED FOR REVIEW						A	15/03/11		ISSUED FOR REVIEW				

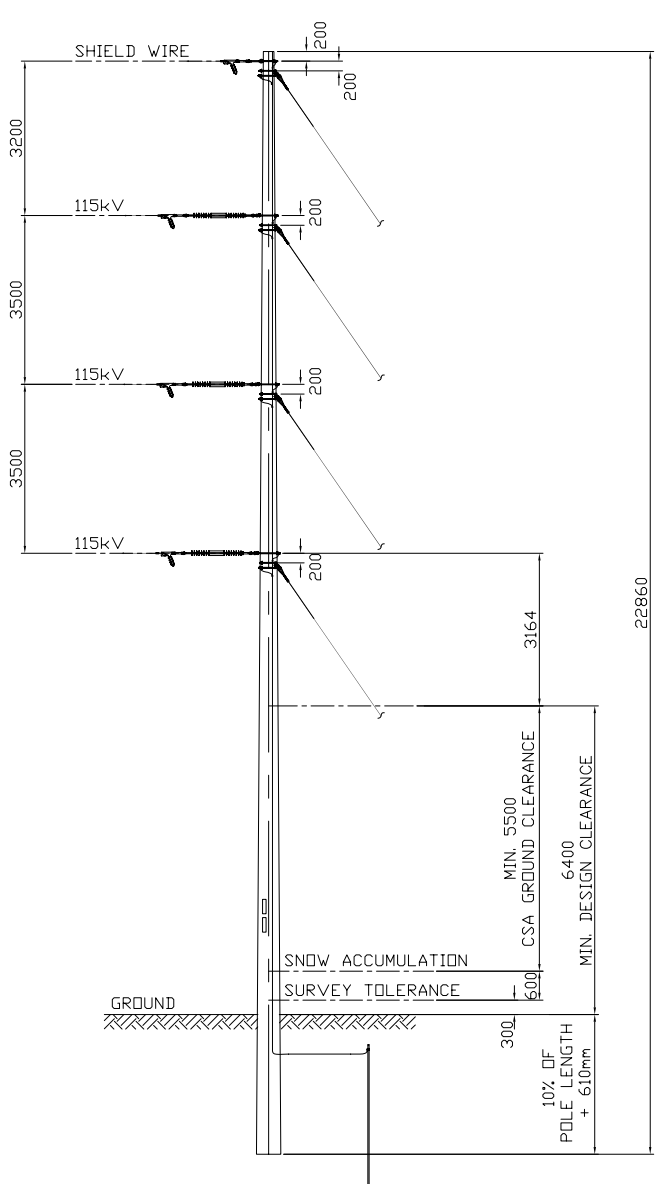
STAMP/SEAL  
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WITHOUT THE PERMISSION OF CHIMAX INC.

APPROVED FOR CONSTRUCTION			CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.	
PROJECT PHASE			AREA	MCLEAN MOUNTAIN WIND FARM
PROJECT NO.	ACTIVITY NO.	PACKAGE CODE	SUBJECT	
			115kV TRANSMISSION OVERHEAD LINE	
SCALE	BY	D/M/Y	SUBJECT	
	DSN. E.KWONG	15/03/11	1CCT HEAVY ANGLE (60°-90°) FRAMING	
	DRN. J.YIN	15/03/11		

**EPTCON LTD.** ELECTRICAL POWER & TRANSMISSION CONSTRUCTION  
560 SHELDON DRIVE, CAMBRIDGE, ONTARIO N1T 0A4  
TEL: (519) 620-4414 FAX: (519) 620-4413

**Chimax Inc.**  
Engineering Company  
3950 Fourteenth Ave. East, Suite 508  
Markham, On., L3R 0A9  
Email: chimax@chimax.ca

CLIENT DWG. NO.  
DRAWING NO. 1106-P202  
REV. B  
CADD FILE ADDRESS 1106-P202-B



115kV TRANSMISSION LINE  
1CCT DEADEND FRAMING  
W-S115-DDEST-WCOXX

**DESIGN NOTES:**

THE PROPOSED STRUCTURE FRAMING, POLE REQUIREMENT AND RECOMMENDATION STANDARD SPAN ARE BASED ON THE FOLLOWING DESIGN DATA:

**A. DESIGN CRITERIA**

1. MEAN ANNUAL SNOW ACCUMULATION: 0.6 m
2. ADDITIONAL SURVEY TOLERANCE: 0.3 m
3. MINIMUM DESIGN LOADING  
CSA HEAVY CONDITION  
HOURLY WIND 400 Pa  
RADIAL ICE THICKNESS 12.7 mm (1/2")  
CONDUCTOR TEMPERATION -20°C
4. WIND LOADING:  
(i) HOURLY WIND (1/100) 480 Pa (~101 km/hr)  
(ii) HOURLY WIND (1/50) 420 Pa (~94 km/hr)  
(iii) HOURLY WIND (1/30) 370 Pa (~88 km/hr)  
(iv) GUST WIND 130 km/hr
5. ICE LOADING:  
RADIAL ICE THICKNESS (STRUCTURAL) 25.4 mm (1")  
RADIAL ICE THICKNESS (CLEARANCE) 12.7 mm (1/2")

**B. CLEARANCE CRITERIA**

1. VERTICAL GROUND CLEARANCE  
MIN. 138 kV CONDUCTOR 5.5 m  
DESIGN 138kV CONDUCTOR 6.4 m

REV	D/M/Y	REVISION	DR	CHK	APP	APP	APP	APP	ISS	D/M/Y	APP	ISSUED FOR	REF	NUMBER	TITLE	REFERENCES
B	26/04/11	CONCEPTUAL ISSUED - FEASIBILITY STUDY							B	26/04/11		CONCEPTUAL ISSUED - FEASIBILITY STUDY				
A	15/03/11	ISSUED FOR REVIEW							A	15/03/11		ISSUED FOR REVIEW				

STAMP/SEAL  
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WITHOUT THE PERMISSION OF CHIMAX INC.

APPROVED FOR CONSTRUCTION			
CLIENT PROJECT MGR.	DEPARTMENT MGR.	PROJECT MGR.	AREA
PROJECT PHASE			MCLEAN MOUNTAIN WIND FARM
PROJECT NO.	ACTIVITY NO.	PACKAGE CODE	SUBJECT
SCALE			115kV TRANSMISSION OVERHEAD LINE 1CCT DEADEND FRAMING
DSN.	E.KWONG	D/M/Y	15/03/11
DRN.	J.YIN	D/M/Y	15/03/11

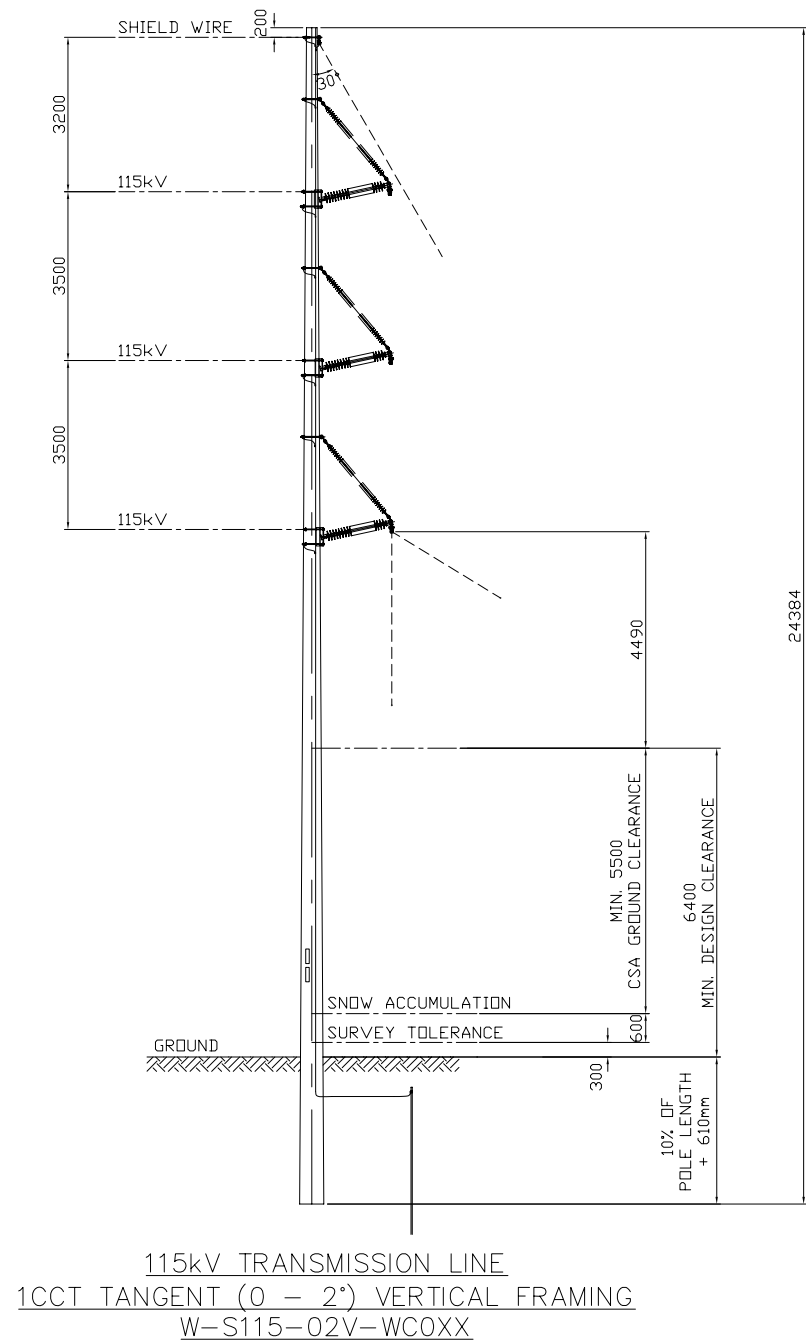
**EPTCON LTD.** ELECTRICAL POWER & TRANSMISSION CONSTRUCTION  
560 SHELDON DRIVE, CAMBRIDGE, ONTARIO N1T 0A4  
TEL: (519) 620-4414 FAX: (519) 620-4413

**Chimax Inc.**  
Engineering Company  
3950 Fourteenth Ave. East, Suite 508  
Markham, On., L3R 0A9  
Email: chimax@chimax.ca

CLIENT DWG. NO.  
DRAWING NO. 1106-P203  
REV. B  
CADD FILE ADDRESS 1106-P203-B



F  
E  
D  
C  
B  
A



**DESIGN NOTES:**

THE PROPOSED STRUCTURE FRAMING, POLE REQUIREMENT AND RECOMMENDATION STANDARD SPAN ARE BASED ON THE FOLLOWING DESIGN DATA:

- A. DESIGN CRITERIA**
- 1. MEAN ANNUAL SNOW ACCUMULATION: 0.6 m
  - 2. ADDITIONAL SURVEY TOLERANCE: 0.3
  - 3. MINIMUM DESIGN LOADING  
CSA HEAVY CONDITION  
HOURLY WIND: 400 Pa  
RADIAL ICE THICKNESS: 12.7 mm (1/2")  
CONDUCTOR TEMPERATURE: -20°C
  - 4. WIND LOADING:  
(i) HOURLY WIND (1/100): 480 Pa (~101 km/hr)  
(ii) HOURLY WIND (1/50): 420 Pa (~94 km/hr)  
(iii) HOURLY WIND (1/30): 370 Pa (~88 km/hr)  
(iv) GUST WIND: 130 km/hr
  - 5. ICE LOADING:  
RADIAL ICE THICKNESS (STRUCTURAL): 25.4 mm (1")  
RADIAL ICE THICKNESS (CLEARANCE): 12.7 mm (1/2")
- B. CLEARANCE CRITERIA**
- 1. VERTICAL GROUND CLEARANCE  
MIN. 138 kV CONDUCTOR: 5.5 m  
DESIGN 138kV CONDUCTOR: 6.4 m

REV	D/M/Y	REVISION	DR	CHK	APP	APP	APP	APP	ISS	D/M/Y	APP	ISSUED FOR	REF	NUMBER	TITLE
B	26/04/11	CONCEPTUAL ISSUED - FEASIBILITY STUDY							B	26/04/11		CONCEPTUAL ISSUED - FEASIBILITY STUDY			
A	15/03/11	ISSUED FOR REVIEW							A	15/03/11		ISSUED FOR REVIEW			

STAMP/SEAL  
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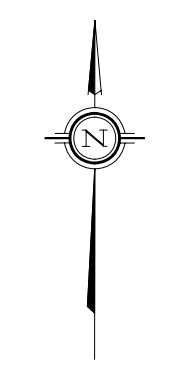
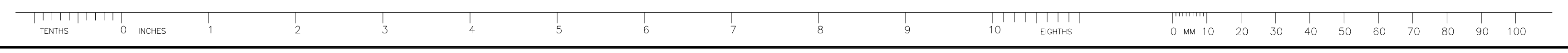
APPROVED FOR CONSTRUCTION			CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.	
PROJECT PHASE			AREA	MCLEAN MOUNTAIN WIND FARM
PROJECT NO.	ACTIVITY NO.	PACKAGE CODE	SUBJECT	
			115kV TRANSMISSION OVERHEAD LINE 1CCT TANGENT (0°-2°) VERTICAL FRAMING	
SCALE	BY	D/M/Y		
	DSN. E.KWONG	15/03/11		
	DRN. J.JYN	15/03/11		

**EPTCON LTD.** ELECTRICAL POWER & TRANSMISSION CONSTRUCTION  
 560 SHELDON DRIVE, CAMBRIDGE, ONTARIO N1T 0A4  
 TEL: (519) 620-4414 FAX: (519) 620-4413

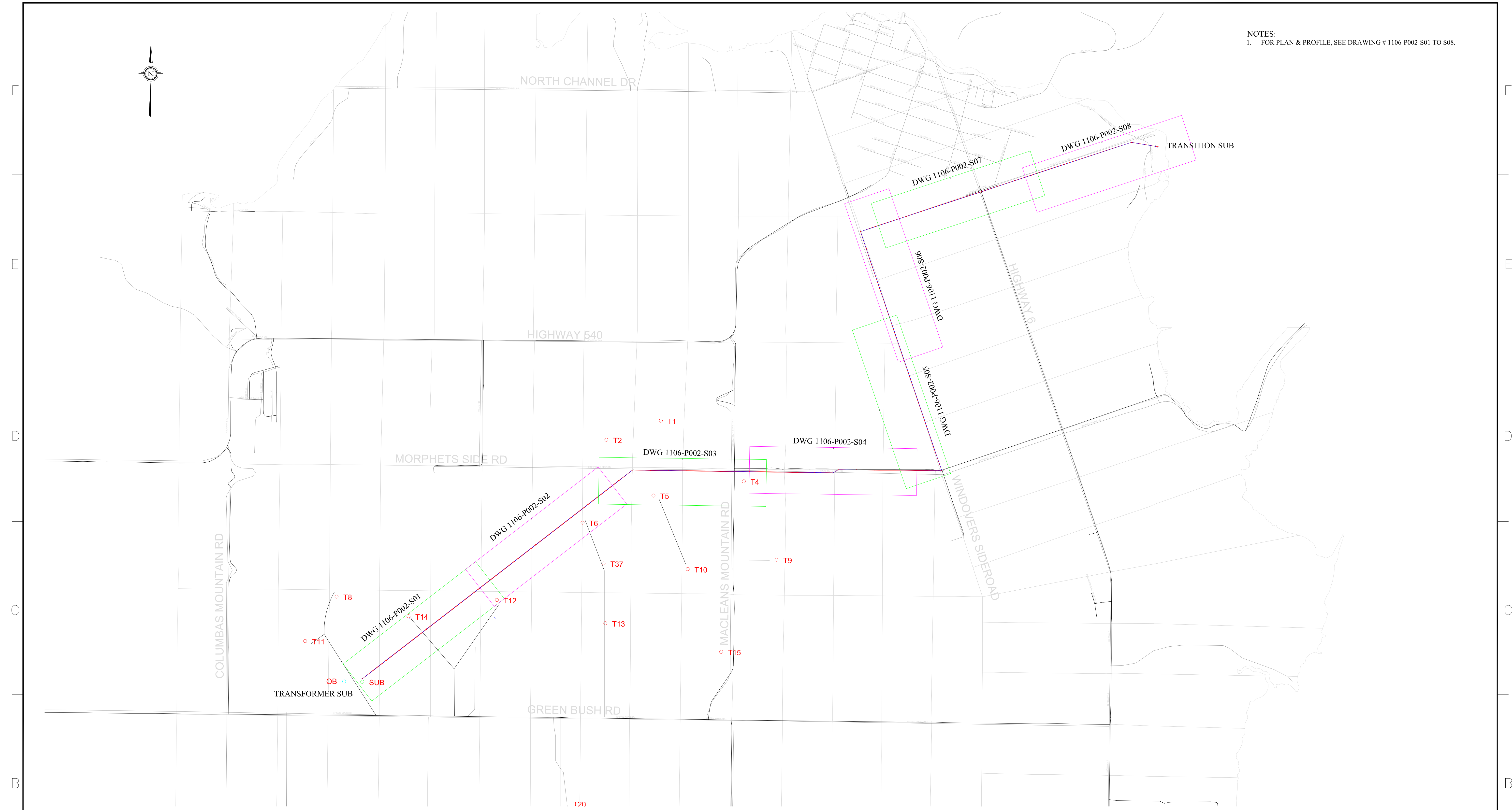
**Chimax Inc.**  
 Engineering Company  
 3950 Fourteenth Ave. East, Suite 508  
 Markham, On., L3R 0A9  
 Email: chimax@chimax.ca

CLIENT DWG. NO.  
 DRAWING NO. 1106-P204  
 CADD FILE ADDRESS 1106-P204-B  
 REV. B

F  
E  
D  
C  
B  
A



NOTES:  
1. FOR PLAN & PROFILE, SEE DRAWING # 1106-P002-S01 TO S08.



**EPTCON LTD.** ELECTRICAL POWER & TRANSMISSION CONSTRUCTION  
580 SHELDON DRIVE, CAMBRIDGE, ONTARIO N1T 0A4  
TEL: (519) 620-4414 FAX: (519) 620-4415

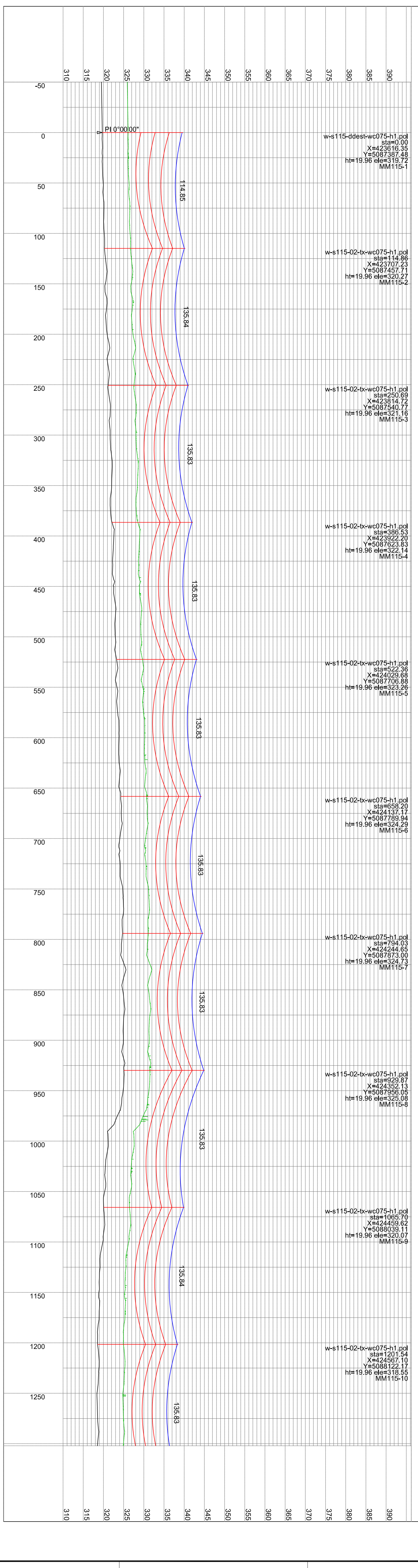
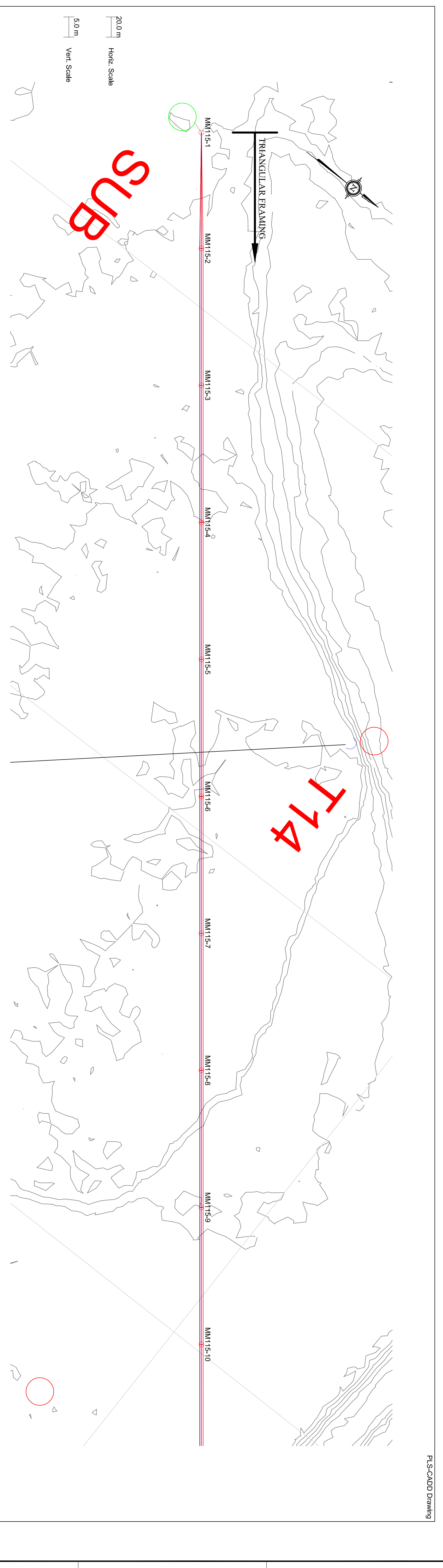
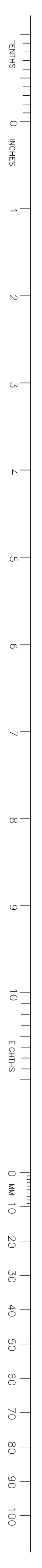
**Chimax Inc.**  
Engineering Company  
3850 Fourteenth Ave. East, Suite 508  
Markham, On. L3R 0A9  
Email: chimax@chimax.ca

APPROVED FOR CONSTRUCTION		
CLIENT PROJECT MGR.	DEPARTMENT MGR.	PROJECT MGR.
PROJECT PHASE		AREA
		MCLEAN MOUNTAIN WIND FARM
PROJECT NO.	ACTIVITY NO.	PACKAGE CODE
SCALE	BY	D/M/Y
NTS	DSN. E.KWONG DRN. M.HUANG	26/04/11 26/04/11

SUBJECT	CLIENT DWG. NO.
115kV TRANSMISSION OVERHEAD LINE SITE PLAN	
DRAWING NO.	REV.
1106-P001	A

STAMP/SEAL		REF		NUMBER		TITLE	
PROPRIETARY INFORMATION: THIS DRAWING IS THE PROPERTY OF CHIMAX INC. AND IS NOT TO BE LOANED OR REPRODUCED IN ANY WAY WITHOUT THE PERMISSION OF CHIMAX INC.							
ISS	D/M/Y	APP	ISS	D/M/Y	APP	ISS	D/M/Y
DR	CHK	APP	APP	APP	APP	APP	APP
M.H.	E.K.						
A 26/04/11 CONCEPTUAL ISSUED - FEASIBILITY STUDY		A 26/04/11 CONCEPTUAL ISSUED - FEASIBILITY STUDY		A 26/04/11 CONCEPTUAL ISSUED - FEASIBILITY STUDY		A 26/04/11 CONCEPTUAL ISSUED - FEASIBILITY STUDY	
CONCEPTUAL ISSUED - FEASIBILITY STUDY		CONCEPTUAL ISSUED - FEASIBILITY STUDY		CONCEPTUAL ISSUED - FEASIBILITY STUDY		CONCEPTUAL ISSUED - FEASIBILITY STUDY	
REVISION		ISSUED FOR		REFERENCES		REFERENCES	

CADD FILE ADDRESS  
1106-P001-A



**PLAN & PROFILE LEGEND:**

- 115KV CONDUCTOR (795 MCM ACSR DRAKE)
- CLEARANCE LINE (UNLESS NOTED OTHERWISE)
- OPGW (AC-64-538)
- CLEARANCE LINE

**STRUCTURE DESCRIPTION LEGEND:**

- w-s115-02-bx-wc075-h1 xxx.pol
- sta
- X
- Y
- ht
- etc
- MM115-1

**PI-SPOLE FILE IDENTIFICATION**  
 xxx (SITE SPECIFIC VARIATION)  
 STATION CHAINAGE  
 UTM EASTING  
 UTM NORTHING  
 STRUCTURE HEIGHT ABOVE GROUND (M)  
 GROUND ELEVATION (M)  
 STRUCTURE NUMBER

- NOTES:**
- CLEARANCE LINE SHOWN AT 6.4 M (FOR VEHICULAR TRAFFIC).
  - CONDUCTOR (795 MCM ACSR DRAKE) SAG AT 100°C.
  - OPGW SAG AT 40°C.

REV	D/W/T	CONVENTIONAL ISSUED - FABRICATOR STUDY	DATE	BY	CHK	APP	APP	APP	APP	ISS	D/W/T	APP	CONVENTIONAL ISSUED - FABRICATOR STUDY	ISSUED FOR	REF	1002-R001	115KV TRANSMISSION OVERHEAD LINE SITE PLAN	TITLE
A	26/04/11	CONVENTIONAL ISSUED - FABRICATOR STUDY																

APPROVED FOR CONSTRUCTION			
CLIENT PROJECT MGR.	DEPARTMENT MGR.	PROJECT MGR.	AREA
PROJECT PHASE	ACTIVITY NO.	PACKAGE CODE	SUBJECT
PROJECT NO.	ACTIVITY NO.	PACKAGE CODE	115KV TRANSMISSION OVERHEAD LINE
SCALE	DATE	D/W/T	PLAN & PROFILE DRAWINGS
NIS	26/04/11	26/04/11	SHEET 1
BRN. MTD/MS	BRN. MTD/MS	26/04/11	

**Stamp/Seal**  
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**Chimax Inc.**  
 3000 Highway 101 East, Suite 508  
 Markham, Ont. L3R 0A9  
 Email: chimax@chimax.ca

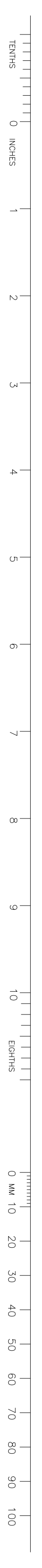
**EPTICON LTD.**  
 TRANSMISSION CONSTRUCTION  
 280 SHEPPARD AVENUE EAST, SUITE 200, SCARBOROUGH, ONTARIO M1T 0A4  
 TEL: (416) 291-4444 FAX: (416) 291-4417

DRAWING NO. 1106-P002-S01  
 CLIENT DWG. NO.

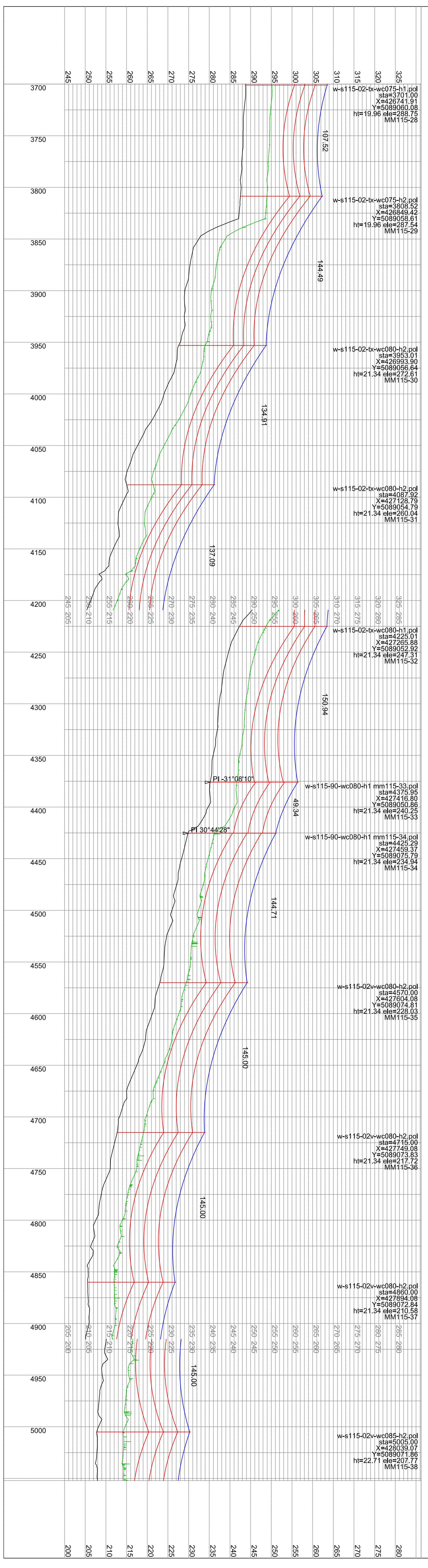
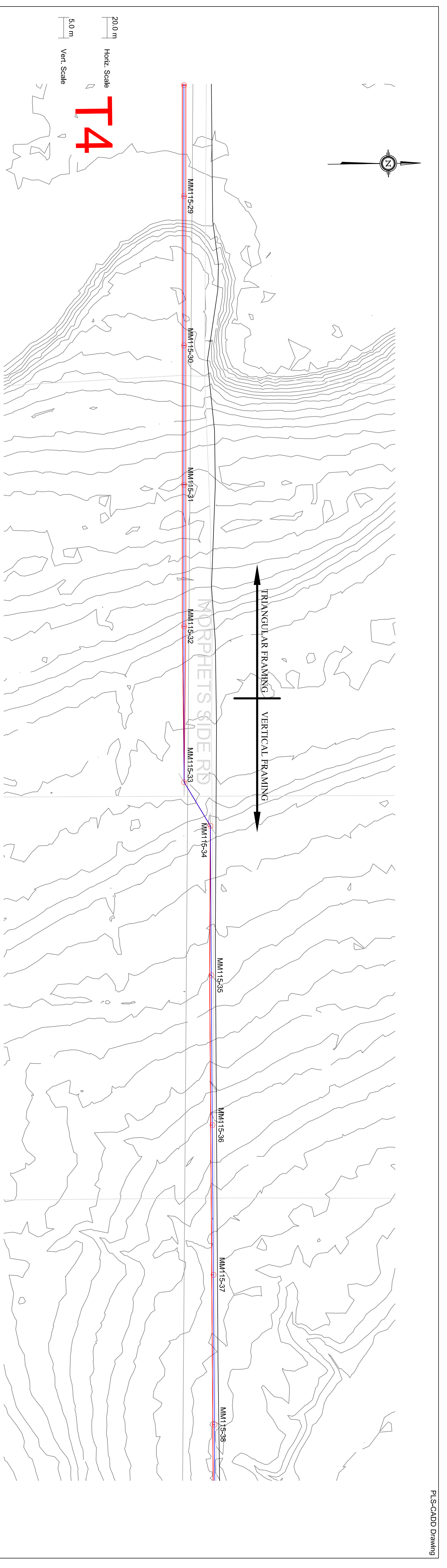
1106-P002-S01-A







PLS-CADD Drawing

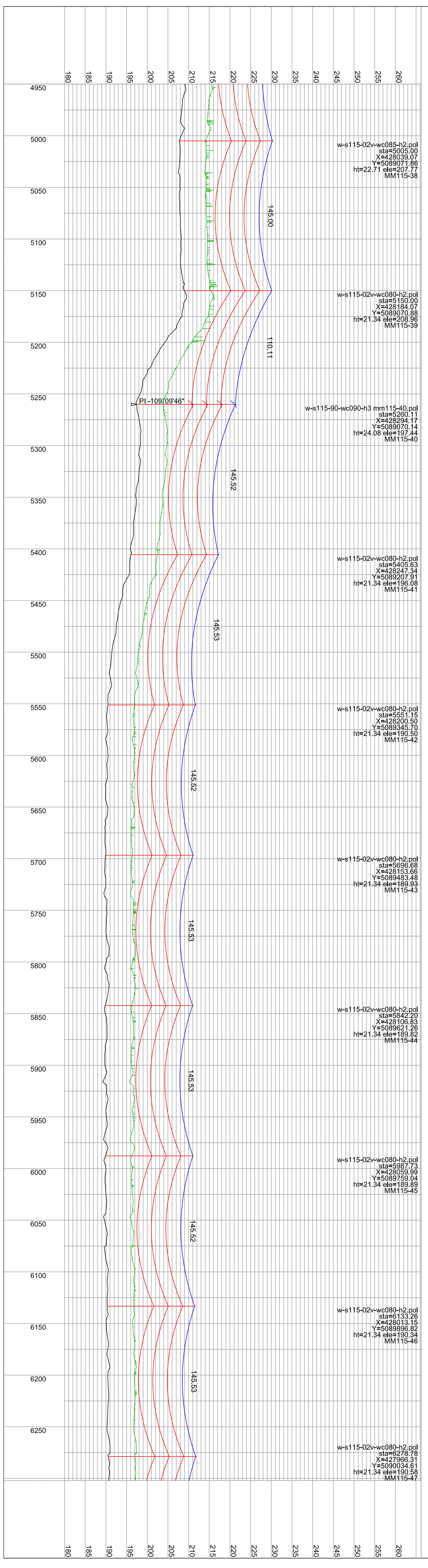
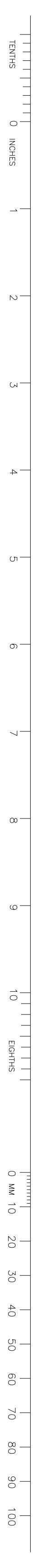


**PLAN & PROFILE LEGEND:**  
 115KV CONDUCTOR (795 MCM ACSR DRAKE)  
 (UNLESS NOTED OTHERWISE)  
 ORGW (AC-64-538)  
 CLEARANCE LINE

**STRUCTURE DESCRIPTION LEGEND:**  
 w-s115-02-bx-wc075-h1.pol  
 sta=3701.00  
 X=26741.89  
 Y=5089050.08  
 ht=19.96 ele=288.75  
 MM115-28

**NOTES:**  
 1. CLEARANCE LINE SHOWN AT 6.4 M (FOR VEHICULAR TRAFFIC).  
 2. CONDUCTOR (795 MCM ACSR DRAKE) SAG AT 100°C.  
 3. OPEN SAG AT 40°C.

A		B		C		D		E		F	
REV	D/W/T	DATE	BY	CHK	APP	DATE	BY	CHK	APP	DATE	BY
PROJECT NO. 1106-P002-504 PROJECT PHASE 115KV TRANSMISSION OVERHEAD LINE SITE PLAN ACTIVITY NO. 26/04/11 PACKAGE CODE 26/04/11				CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR. MCLEAN MOUNTAIN WIND FARM				SUBJECT 115KV TRANSMISSION OVERHEAD LINE PLAN & PROFILE DRAWINGS SHEET 4			
DRAWING NO. 1106-P002-504 CLIENT DWG. NO.				AREA MCLEAN MOUNTAIN WIND FARM				DRAWING NO. 1106-P002-504 CLIENT DWG. NO.			
EPTICON LTD. ELECTRICAL POWER & TRANSMISSION CONSTRUCTION 280 SHELDON DRIVE, CLANSBORO, ONTARIO N1T 0A4 TEL: (905) 524-4444 FAX: (905) 524-4413				Chimax Inc. Engineering Company 3000 Highway 7 East, Suite 508 Markham, Ont. L3R 0A9 Email: chimax@chimax.ca				CAD FILE ADDRESS 1106-P002-504-A			



**PLAN & PROFILE LEGEND:**  
 115KV CONDUCTOR (795 MCM ACSR DRAKE)  
 (UNLESS NOTED OTHERWISE)  
 OPGW (AC-64-538)  
 CLEARANCE LINE

**STRUCTURE DESCRIPTION LEGEND:**  
 w-s115-02-wc085-h2.pol  
 sta=5005.00  
 X=4280338.07  
 Y=5089071.86  
 ht=22.71 elev=207.77  
 MM115-38

w-s115-02-wc080-h2.pol  
 sta=5150.00  
 X=428184.07  
 Y=5089070.88  
 ht=21.34 elev=208.56  
 MM115-39

w-s115-90-wc090-h3 mm115-40.pol  
 sta=5260.11  
 X=428294.17  
 Y=5089207.51  
 ht=24.08 elev=197.44  
 MM115-40

w-s115-02-wc080-h2.pol  
 sta=5405.53  
 X=428247.34  
 Y=5089207.51  
 ht=21.34 elev=196.08  
 MM115-41

w-s115-02-wc080-h2.pol  
 sta=5551.15  
 X=428200.50  
 Y=5089345.70  
 ht=21.34 elev=195.50  
 MM115-42

w-s115-02-wc080-h2.pol  
 sta=5696.68  
 X=428153.66  
 Y=5089483.48  
 ht=21.34 elev=194.82  
 MM115-43

w-s115-02-wc080-h2.pol  
 sta=5842.20  
 X=428106.83  
 Y=5089621.26  
 ht=21.34 elev=194.14  
 MM115-44

w-s115-02-wc080-h2.pol  
 sta=5987.73  
 X=428060.00  
 Y=5089759.04  
 ht=21.34 elev=193.46  
 MM115-45

w-s115-02-wc080-h2.pol  
 sta=6133.26  
 X=428013.16  
 Y=5089896.82  
 ht=21.34 elev=192.78  
 MM115-46

w-s115-02-wc080-h2.pol  
 sta=6278.79  
 X=427966.34  
 Y=5090034.61  
 ht=21.34 elev=192.10  
 MM115-47

w-s115-02-wc080-h2.pol  
 sta=6424.32  
 X=427919.51  
 Y=5090172.39  
 ht=21.34 elev=191.42  
 MM115-48

- NOTES:**
- CLEARANCE LINE SHOWN AT 6.4 M (FOR VEHICULAR TRAFFIC).
  - CONDUCTOR (795 MCM ACSR DRAKE) SAG AT 100°C.
  - OPEN SAG AT 40°C.

**STRUCTURE IDENTIFICATION**  
 xxx (SITE SPECIFIC VARIATION)  
 STATION CHAINAGE  
 UTM EASTING  
 UTM NORTHING  
 STRUCTURE HEIGHT ABOVE GROUND (M)  
 GROUND ELEVATION (M)  
 STRUCTURE NUMBER

REV	DATE	BY	CHK	APP	ISS	DESCRIPTION
A	26/04/11	CONCEPTUAL STUDY - FEASIBILITY STUDY				
B	26/04/11	CONCEPTUAL STUDY - FEASIBILITY STUDY				
C	26/04/11	CONCEPTUAL STUDY - FEASIBILITY STUDY				
D	26/04/11	CONCEPTUAL STUDY - FEASIBILITY STUDY				
E	26/04/11	CONCEPTUAL STUDY - FEASIBILITY STUDY				
F	26/04/11	CONCEPTUAL STUDY - FEASIBILITY STUDY				
G	26/04/11	CONCEPTUAL STUDY - FEASIBILITY STUDY				
H	26/04/11	CONCEPTUAL STUDY - FEASIBILITY STUDY				
I	26/04/11	CONCEPTUAL STUDY - FEASIBILITY STUDY				
J	26/04/11	CONCEPTUAL STUDY - FEASIBILITY STUDY				

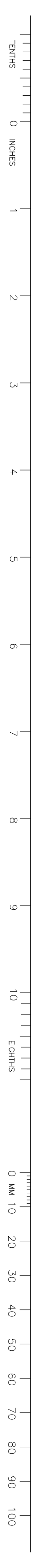
APPROVED FOR CONSTRUCTION	
CLIENT PROJECT MGR.	DEPARTMENT MGR.
PROJECT PHASE	PROJECT MGR.
PROJECT NO.	ACTIVITY NO.
SCALE	PACKAGE CODE
NTS	BRN. / MTDWGNS
DATE	D/M/Y
26/04/11	26/04/11
SUBJECT	
115KV TRANSMISSION OVERHEAD LINE	
PLAN & PROFILE DRAWINGS	
SHEET 5	

**EPTICON LTD.**  
 TRANSMISSION CONSTRUCTORS  
 280 VICTORIA DRIVE, UNIT #1 CAMBRIDGE, ONTARIO N1T 2Z2  
 TEL: (519) 835-5414 FAX: (519) 835-4913

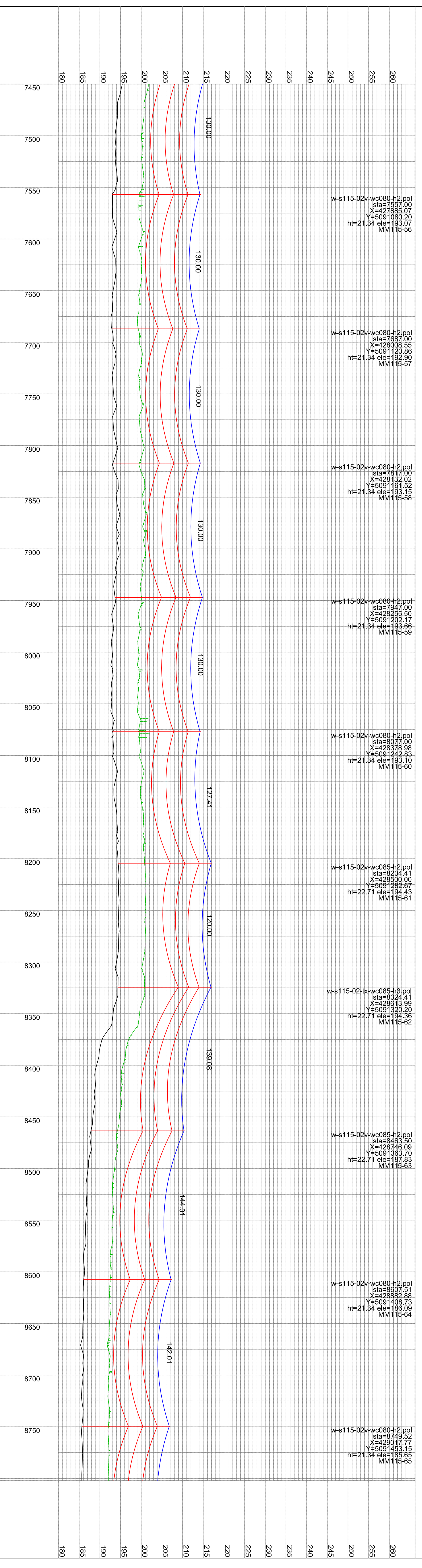
**Chimax Inc.**  
 Engineering company  
 3000 Highway 7 East, Suite 508  
 Markham, On., L3R 0A9  
 Email: chimax@chimax.ca

DRAWING NO.	CLIENT DWG. NO.	REV.
1106-P002-S05		A
CADD FILE ADDRESS		
1106-P002-S05-A		





PLS-CADD Drawing



**PLAN & PROFILE LEGEND:**  
 115KV CONDUCTOR (795 MCM ACSR DRAKE)  
 (UNLESS NOTED OTHERWISE)  
 ORGW (A-C-64-538)  
 CLEARANCE LINE

**STRUCTURE DESCRIPTION LEGEND:**  
 w-s115-02-bx-wc085-h3.pol  
 sta=7687.00  
 X=427885.07  
 Y=5091080.20  
 ht=21.34 ele=193.07  
 MM115-56

**STRUCTURE IDENTIFICATION:**  
 PLS:POLE FILE IDENTIFICATION  
 xxx (SITE SPECIFIC VARIATION)  
 STATION CHAINAGE  
 UTM EASTING  
 UTM NORTHING  
 STRUCTURE HEIGHT ABOVE GROUND (M)  
 GROUND ELEVATION (M)  
 STRUCTURE NUMBER

- NOTES:**
- CLEARANCE LINE SHOWN AT 6.4 M (FOR VEHICULAR TRAFFIC).
  - CONDUCTOR (795 MCM ACSR DRAKE) SAG AT 100°C.
  - OPEN SAG AT 40°C.

<b>APPROVED FOR CONSTRUCTION</b> CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR. PROJECT PHASE ACTIVITY NO. PACKAGE CODE AREA: MCLENNAN MOUNTAIN WIND FARM		SUBJECT: 115KV TRANSMISSION OVERHEAD LINE PLAN & PROFILE DRAWINGS SHEET 7		DRAWING NO. 1106-P002-S07 CLIENT DWG. NO.	
SCALE: NTS PROJECT NO.		BRN. EWORKS: 26/04/11 BRN. MWDINGS: 26/04/11		D/M/Y: 26/04/11 D/M/Y: 26/04/11	
REFERENCE: 115KV TRANSMISSION OVERHEAD LINE SITE PLAN REF. NUMBER: 1106-P001		STAMP/SEAL: THIS DRAWING IS THE PROPERTY OF CHIMAX INC. AND IS NOT TO BE LOANED OR REPRODUCED IN ANY WAY WITHOUT THE PERMISSION OF CHIMAX INC.		CAD FILE ADDRESS: 1106-P002-S07-A	
ISSUED FOR: CONCEPTUAL STUDY - FEASIBILITY STUDY ISS. D/M/Y: 26/04/11		CHECKED BY: [Blank] DRAWN BY: [Blank]		REVISION: [Blank]	

**EPTICON LTD.** ELECTRICAL POWER & TRANSMISSION CONSTRUCTION  
 280 SHELDON DRIVE, CAMDENOSIDE, GUYRARD NT1 0AA  
 TEL: (0819) 524 444 FAX: (0819) 524 413

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