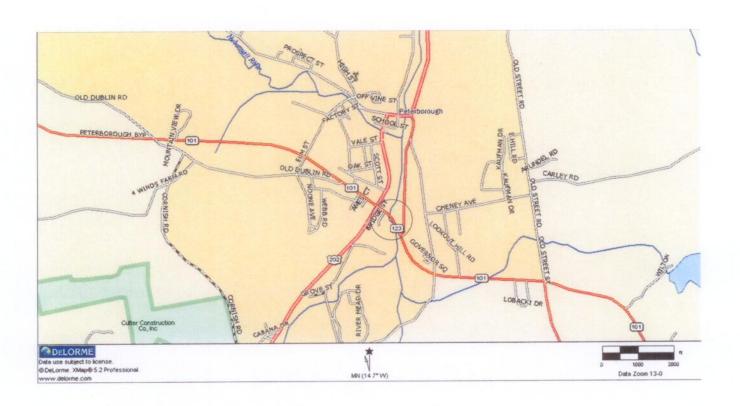
Teljet Longhaul LLC
Water Crossing Location
Stony Brook River
Wilton, New Hampshire



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POLE LOADING DATA

Pole: 50/2 Wood

Pole Loading

Horizontal: 89% (250B) Vertical: 13% (250B) NESC Edition: 2007 Loading District: Heavy Construction: Grade B

Elevation (ft)

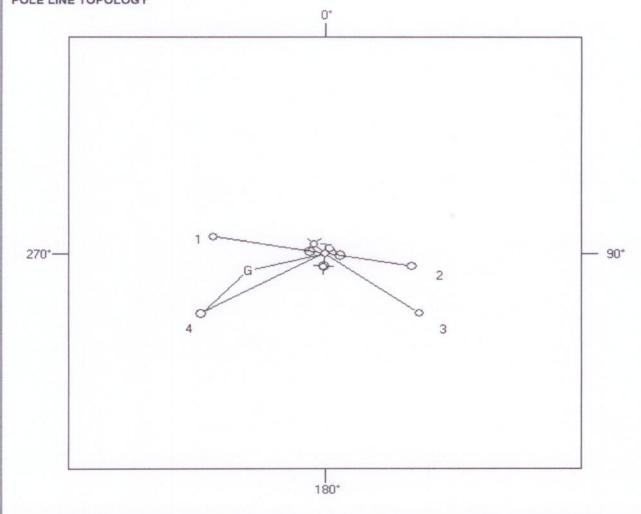
00000

Rule 250B Loading: Wind (psf): 4 Ice (in): 0.5

POLES Pole

Pole #	Length (ft)	Depth (ft)
0	50	7
1	50	7
2	40	6
3	40	6
4	50	7

POLE LINE TOPOLOGY



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4/12/11 6:13 PM

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Anchor Strand	Attach	Length	Direction	Tension	Strength	Loading		
1 1/2" EHS	148"	14'	70°	9,023	24,210	37%		
1 1/2" EHS 2 1/2" EHS	192"	14'	70° 5°	8,408 1,249	24,210 24,210	35% 5%		
2 1/2" EHS	228"	14'	5*	0	24,210	0%		
2 1/2" EHS	240"	14"	5*	1,629	24,210	7%		
ANCHOR DATA								
Anchor Rod	Anchor		Soil	Tension	Rod Strength	Anci	hor Strength	
1 1" Rod	10" Triple Hel		Class - 4	17,426	36,000		31,000	
2 1" Rod	10" Triple Hel	1	Class - 4	2,861	36,000		31,000	
SPAN GUY DATA		-						
Span Strand	Attach A	Attach B	Length	Direction	Tension	Strength	Loading	
4 1/2" EHS	144"	60"	192'	240°	0	24,210		
4 1/2" EHS	207"	72"	192"	240°	0	24,210	0%	
4 1/2" EHS	234"	159"	192'	240°	0	24,210	0%	
INSULATORS								
Insulator	Attach	Load	ling	Angle				
25KV Post	6"	57		O*				
25KV Post	6"	57		0°				
25KV Post	6"	57		0.				
ARM / BRACKET DAT	A.							
ARM / BRACKET DAT Arm/Bracket 8' Double Xarm (3-5/8x4-5/8	Attach	Vert 33%	Loading	Horz Loading 23%				
Arm/Bracket 8' Double Xarm (3-5/8x4-5/8 SPANS	Attach 6"	33%						
Arm/Bracket 8' Double Xarm (3-5/8x4-5/8 SPANS	Attach							
Arm/Bracket 8' Double Xarm (3-5/8x4-5/8 SPANS	Attach 6"	33%						
Arm/Bracket 8' Double Xarm (3-5/8x4-5/8 SPANS Span: 1 Span Ler Circuit: 1 Primary	Attach 6" agth (ft): 152 Ruling Span (ft)	Direction Offset (in	n: 280°	23% (in) Attach I	B(in) Te	ension		
Arm/Bracket 8' Double Xarm (3-5/8x4-5/8 SPANS Span: 1 Span Ler Circuit: 1 Primary 1/0 ACSR (6/1)	Attach 6" agth (ft): 152 Ruling Span (ft) 150	Direction Offset (in	1: 280° Attach A	23% (in) Attach (6)	B (in) Te	1602		
Arm/Bracket 8' Double Xarm (3-5/8x4-5/8 SPANS Span: 1 Span Ler Circuit: 1 Primary 1/0 ACSR (6/1) 1/0 ACSR (6/1)	Attach 6" right (ft): 152 Ruling Span (ft) 150 150	Direction Offset (in 44 0	1: 280°) Attach A	23% (in) Attach 6 6 -11	B (in) Te	1602 1602		
Arm/Bracket 8' Double Xarm (3-5/8x4-5/8 SPANS Span: 1 Span Ler Circuit: 1 Primary 1/0 ACSR (6/1)	Attach 6" agth (ft): 152 Ruling Span (ft) 150	Direction Offset (in	1: 280° Attach A	23% (in) Attach (6)	B (in) Te	1602		
Arm/Bracket 8' Double Xarm (3-5/8x4-5/6 SPANS Span: 1	Attach 6" ngth (ft): 152 Ruling Span (ft) 150 150 150	Direction Offset (in 44 0 -44	1: 280° Attach A -6 -6 -6	23% (in) Attach 6	B (in) Te	1602 1602 1602		
Arm/Bracket 8' Double Xarm (3-5/8x4-5/8 SPANS Span: 1 Span Ler Circuit: 1 Primary 1/0 ACSR (6/1) 1/0 ACSR (6/1) 1/0 ACSR (6/1)	Attach 6" right (ft): 152 Ruling Span (ft) 150 150	Direction Offset (in 44 0	1: 280°) Attach A	23% (in) Attach 6 6 -11	B (in) Te	1602 1602		
Arm/Bracket 8' Double Xarm (3-5/8x4-5/6 SPANS Span: 1	Attach 6" ngth (ft): 152 Ruling Span (ft) 150 150 150	Direction Offset (in 44 0 -44	1: 280° Attach A -6 -6 -6 129	23% (in) Attach 1 6 -11 6 42		1602 1602 1602		
Arm/Bracket 8' Double Xarm (3-5/8x4-5/8 SPANS Span: 1 Span Ler Circuit: 1 Primary 1/0 ACSR (6/1) 1/0 ACSR (6/1) 1/0 ACSR (6/1) Neutral 1/0 ACSR (6/1)	Attach 6" ngth (ft): 152 Ruling Span (ft) 150 150 150 150 Ruling Span (ft)	Direction Offset (in 44 0 -44 1 Diameter (in)	1: 280° Attach A -6 -6 -6 129 Weight (ibs/ft)	(in) Attach 1 6 -11 6 42 Attach A (in)	Attach B (in)	1602 1602 1602 Tension (lbs)	Description	
Arm/Bracket 8' Double Xarm (3-5/8x4-5/8 SPANS Span: 1 Span Ler Circuit: 1 Primary 1/0 ACSR (6/1) 1/0 ACSR (6/1) 1/0 ACSR (6/1) Neutral 1/0 ACSR (6/1) Joint Use Joint Use Cable 6.6M (1/4) + 0.75° CATV	Attach 6" agth (ft): 152 Ruling Span (ft) 150 150 150 Ruling Span (ft) 100	Offset (in 44 0 -44 1 Diameter (in) 1.04	1: 280° Attach A -6 -6 -6 -9 129 Weight (ibs/ft) 0.27	(in) Attach 1 6 -11 6 42 Attach A (in) 228	Attach B (in)	1602 1602 1602 1602 Tension (lbs)	Description	
Arm/Bracket 8' Double Xarm (3-5/8x4-5/6 SPANS Span: 1	Attach 6" agth (ft): 152 Ruling Span (ft) 150 150 150 Ruling Span (ft) 100 100	0 -44 1 Diameter (in) 1.04 1.03	n: 280° Attach A -6 -6 -6 129 Weight (lbs/ft) 0.27 0.50	23% (in) Attach 1 6 -11 6 42 Attach A (in) 228 240	Attach B (in) 228 240	1602 1602 1602 1602 Tension (lbs) 974 2201	Description	
Arm/Bracket 8' Double Xarm (3-5/8x4-5/8 SPANS Span: 1 Span Ler Circuit: 1 Primary 1/0 ACSR (6/1) 1/0 ACSR (6/1) 1/0 ACSR (6/1) Neutral 1/0 ACSR (6/1) Joint Use Joint Use Cable 6.6M (1/4) + 0.75° CATV	Attach 6" agth (ft): 152 Ruling Span (ft) 150 150 150 Ruling Span (ft) 100	Offset (in 44 0 -44 1 Diameter (in) 1.04	1: 280° Attach A -6 -6 -6 -9 129 Weight (ibs/ft) 0.27	(in) Attach 1 6 -11 6 42 Attach A (in) 228	Attach B (in)	1602 1602 1602 1602 Tension (lbs)	Description	
Arm/Bracket 8' Double Xarm (3-5/8x4-5/8 SPANS Span: 1	Attach 6" agth (ft): 152 Ruling Span (ft) 150 150 150 Ruling Span (ft) 100 100	0 -44 1 Diameter (in) 1.04 1.03	1: 280° Attach A -6 -6 -6 129 Weight (ibs/ft) 0.27 0.50 1.40	23% (in) Attach 1 6 -11 6 42 Attach A (in) 228 240	Attach B (in) 228 240	1602 1602 1602 1602 Tension (lbs) 974 2201	Description	
Arm/Bracket 8' Double Xarm (3-5/8x4-5/8 SPANS Span: 1	Attach 6" right (ft): 152 Ruling Span (ft) 150 150 150 150 150 100 100 100 100 100	Directior Offset (in 44 0 -44 1 1 1.03 1.81 Directior	N: 280° Attach A -6 -6 -6 129 Weight (lbs/ft) 0.27 0.50 1.40 1: 100°	23% (in) Attach 1 6 -11 6 42 Attach A (in) 228 240 252	Attach B (in) 228 240 252	1602 1602 1602 1602 Tension (lbs) 974 2201 3514	Description	
Arm/Bracket 8' Double Xarm (3-5/8x4-5/8 SPANS Span: 1	Attach 6° agth (ft): 152 Ruling Span (ft) 150 150 150 150 150 150 150 150 100 100	Direction Offset (in 44 0 -44 1 Diameter (in) 1.04 1.03 1.81 Direction Offset (in	n: 280° Attach A -6 -6 -6 129 Weight (ibs/ft) 0.27 0.50 1.40 n: 100°	23% (in) Attach 6 6 -11 6 42 Attach A (in) 228 240 252	Attach B (in) 228 240 252	1602 1602 1602 1602 Tension (lbs) 974 2201 3514	Description	
Arm/Bracket 8" Double Xarm (3-5/8x4-5/8 SPANS Span: 1	Attach 6" agth (ft): 152 Ruling Span (ft) 150 150 150 150 150 Ruling Span (ft) 100 100 100 100 100 100 100 100 100 10	Directior Offset (in 44 0 -44 1 1 1.03 1.81 Directior	N: 280° Attach A -6 -6 -6 129 Weight (lbs/ft) 0.27 0.50 1.40 1: 100°	23% (in) Attach 1 6 -11 6 42 Attach A (in) 228 240 252	Attach B (in) 228 240 252	1602 1602 1602 1602 Tension (lbs) 974 2201 3514	Description	
Arm/Bracket 8' Double Xarm (3-5/8x4-5/8 SPANS Span: 1	Attach 6° agth (ft): 152 Ruling Span (ft) 150 150 150 150 150 150 150 150 100 100	Direction Offset (in	M: 280° Attach A -6 -6 -6 129 Weight (ibs/ft) 0.27 0.50 1.40 1: 100° Attach A -6	(in) Attach 1 6 -11 6 42 Attach A (in) 228 240 252 (in) Attach 1 6	Attach B (in) 228 240 252	1602 1602 1602 1602 Tension (lbs) 974 2201 3514	Description	
Arm/Bracket 8' Double Xarm (3-5/8x4-5/8 SPANS Span: 1	Attach 6" agth (ft): 152 Ruling Span (ft) 150 150 150 150 150 150 150 Ruling Span (ft) 100 100 100 100 100 100 100 100 100 10	Directior Offset (in 44 0 -44 1 1 1.03 1.81 Directior Offset (in 44 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1: 280° Attach A -6 -6 -6 129 Weight (lbs/ft) 0.27 0.50 1.40 1: 100° Attach A -6 -6	23% (in) Attach 1 6 -11 6 42 Attach A (in) 228 240 252 (in) Attach 6 -11	Attach B (in) 228 240 252	1602 1602 1602 1602 Tension (lbs) 974 2201 3514	Description	
Arm/Bracket 8' Double Xarm (3-5/8x4-5/8 SPANS Span: 1	Attach 6° agth (ft): 152 Ruling Span (ft) 150 150 150 150 150 150 150 100 100 100	Direction Offset (in 44 0 -44 1 Diameter (in) 1.04 1.03 1.81 Direction Offset (in 44 0 -44 1	n: 280° Attach A -6 -6 -6 -6 129 Weight (lbs/ft) 0.27 0.50 1.40 1: 100° Attach A -6 -6 -6	23% (in) Attach 6 -11 6 42 Attach A (in) 228 240 252 (in) Attach 6 -11 6	Attach B (in) 228 240 252	1602 1602 1602 1602 Tension (lbs) 974 2201 3514 ension 1395 1395	Description	
Arm/Bracket 8' Double Xarm (3-5/8x4-5/8 SPANS Span: 1	Attach 6° agth (ft): 152 Ruling Span (ft) 150 150 150 150 Ruling Span (ft) 100 100 100 100 101 100 100 100 100 100	Direction Offset (in 44 0 -44 1 Diameter (in) 1.04 1.03 1.81 Direction Offset (in 44 0 -44 1	M: 280° Attach A -6 -6 -6 129 Weight (ibs/ft) 0.27 0.50 1.40 1: 100° Attach A -6 -6 -6 129	23% (in) Attach 6	Attach B (in) 228 240 252 B (in) Te	1602 1602 1602 1602 Tension (lbs) 974 2201 3514 ension 1395 1395		
Arm/Bracket 8' Double Xarm (3-5/8x4-5/8 SPANS Span: 1	Attach 6" agth (ft): 152 Ruling Span (ft) 150 150 150 150 150 Ruling Span (ft) 100 100 100 100 100 100 100 100 100 10	Direction Offset (in 44 0 -44 1 Diameter (in) 1.04 1.03 1.81 Direction Offset (in 44 0 -44 1	M: 280° Attach A -6 -6 -6 129 Weight (ibs/ft) 0.27 0.50 1.40 1: 100° Attach A -6 -6 -6 129	23% (in) Attach 6 -11 6 42 Attach A (in) 228 240 252 (in) Attach 6 -11 6	Attach B (in) 228 240 252	1602 1602 1602 1602 Tension (lbs) 974 2201 3514 ension 1395 1395		
8' Double Xarm (3-5/8x4-5/8 SPANS Span: 1	Attach 6° agth (ft): 152 Ruling Span (ft) 150 150 150 150 Ruling Span (ft) 100 100 100 100 101 100 100 100 100 100	Direction Offset (in 44 0 -44 1 Diameter (in) 1.04 1.03 1.81 Direction Offset (in 44 0 -44 1 Diameter (in) 1.04 1.03 1.81	1: 280° Attach A -6 -6 -6 -129 Weight (ibs/ft) 0.27 0.50 1.40 1: 100° Attach A -6 -6 -6 -6 -9 -9 Weight (ibs/ft)	23% (in) Attach 1 6 -11 6 42 Attach A (in) 228 240 252 (in) Attach 1 6 -11 6 42 Attach A (in)	Attach B (in) 228 240 252 B (in) Te	1602 1602 1602 1602 Tension (lbs) 974 2201 3514 ension 1395 1395 1395		

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4/12/11 6:13 PM

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License: Trial Version - Unregistered Span: 3 Span Length (ft): 158 Direction: 127° Joint Use Joint Use Cable 6.6M (1/4) + 0.75* TELCO Ruling Span (ft) Diameter (in) Weight (lbs/ft) Attach A (in) Attach B (in) Tension (lbs) Description 150 0.97 0.39 216 216 1419 Span Length (ft): 192 Direction: 240° Span: 4 Joint Use Ruling Span (ft) Diameter (in) Weight (lbs/ft) Attach A (in) Attach B (in) Tension (lbs) Description 150 0.97 0.39 216 216 1419 Joint Use Cable 6.6M (1/4) + 0.75* TELCO EQUIPMENT Equipment Weight (lbs) Attach (in) 280.0 280.0 96 96 100° 280° 15 KVA 15 KVA 185° LIGHTS Weight EPA Direction Bracket Light 150-400W Cobra 185° 315° 4 FT Bracket 2 FT Bracket 64 44 0.87 155 123 150-400W Flood

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4/12/11 6:13 PM

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