LEITNER POMA

North Ridge

Killington Resort
Vermont

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VERMONT
ACT 250 District Commission # 1, 8

Application #: 1R0062-1

Exhibit #: 009

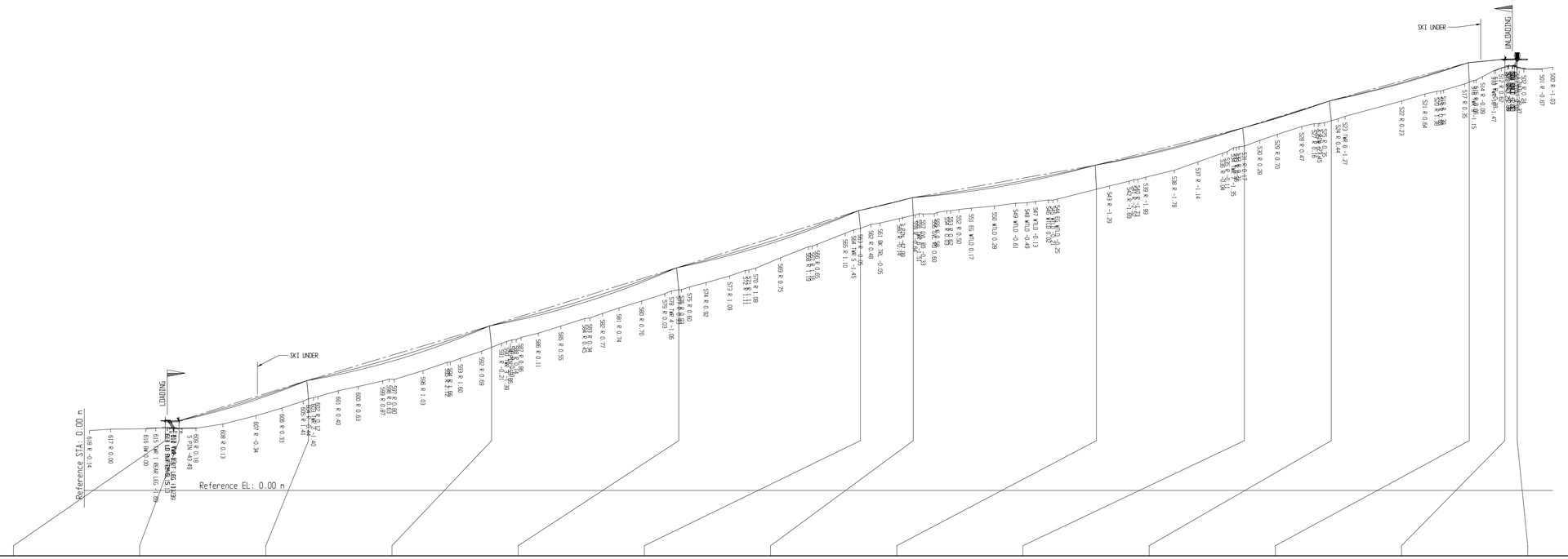
Date Received: 01/08/2019

PROFILE DATA

			INITIAL	FINAL
LIFT MODEL:	Alpha			
ROTATION:	CCW	SPEED:	2.29 m/s	2.29 m/s
CARRIER TYPE:	Quad Chair	CAPACITY UP:	2400.00 pph	2400.00 pph
GRIP TYPE:	FIXED	CAPACITY DOWN:	10.00 %	10.00 %
CABLE DIAMETER:	40.00 mm	SPACING:	13.72 m	13.72 m
SLOPE LENGTH:	691.91 m	INTERVAL:	6.00 sec	6.00 sec
VERTICAL RISE:	178.98 m	CARRIERS:	102	102
AVERAGE GRADE:	26.78 %	TRIP TIME:	5.11 min	5.11 min
LINE GAUGE:	4.50 m	TENSION PRESSURE:	111.28 bars	111.28 bars
DRIVE LOCATION:	TOP	TENSION FORCE:	39400.00 daN	39400.00 daN
TENSION LOCATION:	TOP	ORIGIN OF SURVEY:	Area Surveyor	

E			
D			
C			
B			
A			

DRAWN BY: B. Shepardson	P51910a	CHECKED BY:
DATE: September 2018		SCALE: 1/1000 1/100



TOWER NUMBER		RBW	***	1	2	3	4	5	6	7	8	9	***	DBW
LAYOUT	TOP OF CONCRETE STATION (m)	-----	-----	110.85	201.34	293.91	383.67	409.82	500.38	573.53	616.49	684.71	------	------
	TOP OF CONCRETE ELEVATION (m)	-----	-----	45.53	70.99	99.47	129.85	136.31	149.21	170.57	183.10	202.23	------	------
	SLOPE DISTANCE BETWEEN TOWERS (m)	----	-----	94.00	96.85	94.76	26.94	91.47	76.20	44.75	70.85	-----	----	
TOWERS	TOWER TUBE LENGTH (m)	0.00	0.00	8.81	10.40	10.73	8.62	8.53	11.70	8.80	9.64	9.44	0.00	0.00
	INCLINATION (%)	0.00	0.00	10.00	10.00	10.00	10.00	5.00	5.00	10.00	10.00	5.00	0.00	0.00
	LINE GAUGE (m)	RETURN BWD = 4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	DRIVE BWD = 4.00
	UPHILL LINE EQUIPMENT	---	12C	6S	6S	6S	6S	6S	2C/4S/2C	2C/4S/2C	6S	8S	4S	---
	DOWNHILL LINE EQUIPMENT	---	12C	4S	4S	4S	4S	4S	2C/4S/2C	2C/4S/2C	4S	8S	4S	---
	FOUNDATION DRAWING NUMBER	---	---	---	---	---	---	---	---	---	---	---	---	---