

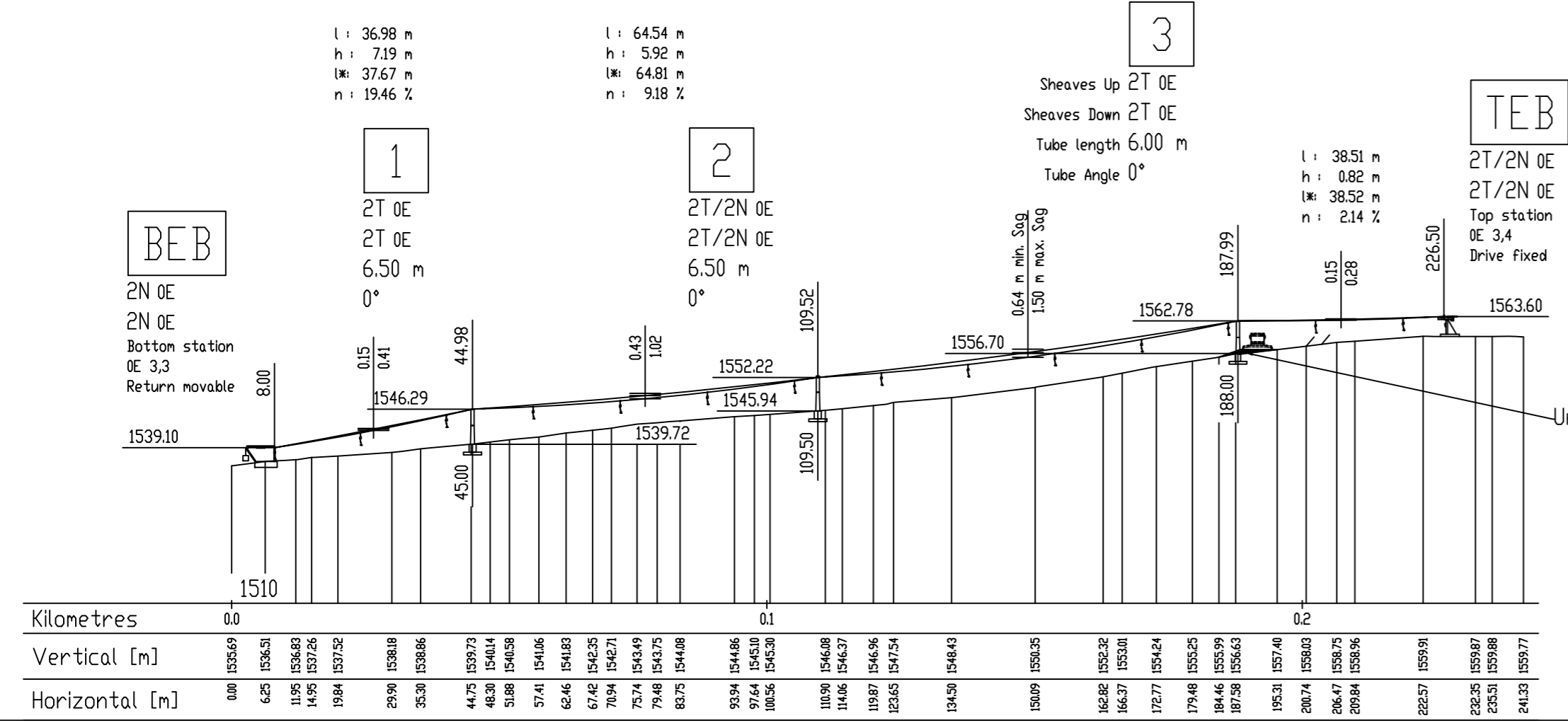
Profile 1-SL Boomerang

Plan View



- Relocate operator room 22m downhill
- Old operator room location
- Old drive station location
- Relocate drive station 22m downhill

Horizontal Length l : 78.47 m
 Vertical Rise h : 10.56 m
 Inclined Length l*: 79.18 m
 Average Grade n : 13.46 %



NSW Planning, Industry & Environment
 Issued under the Environmental Planning and Assessment Act 1979
 Approved Application No DA 10647
 Granted on the 7 May 2021
 Signed D James
 Sheet No 55 of 59

Customer: Selwyn Snow Resort Pty Ltd
 Location: Mt Selwyn

Technical Data:

Uphill Side	Left	Ø Haul Rope	16 mm
Drive Station	Top	Minimum Breaking Strength	132 kN
Tension Station	Bottom	Ø Drive Bullwheel	1.50 m
Return Station	Bottom	Ø Return Bullwheel	1.50 m

Horizontal Length	218.50 m	Rope Gauge on Line	1.50 m
Vertical Rise	24.50 m	Drive Output Continuous	8 kW
Average Grade	11.21 %	Drive Output Starting (0.15 m/s?)	8 kW
Max. Rope Inclination	23.94 %	Elevation of Drive Station	1564 m
Inclined Length	220.18 m	Uphill Transportation	100 %
Spliced Rope Length	457.76 m	Downhill Transportation	0 %

	Initial	Final
Drive Speed	m/s	2.40 m/s
Capacity	pph	528 pph
Number of Carriers		28
Carrier Spacing	m	16.35 m
Carrier Interval	s	6.81 s
Trip Time	min	1.32 min

Unload ramp with snow

Index	Revision	Date	Name
		2021-01-28	SHT

Scale	Project No.
1:1000	2021-03
Drawing No.	Index
2021-03-P-001	

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Profile origin:
 Ropeway file: Boomerang profile.sl
 Program: Seiba 1.68.3 CIN:1611793154