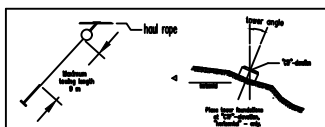




EASY RIDER 2-SL PLAN VIEW AND PROFILE

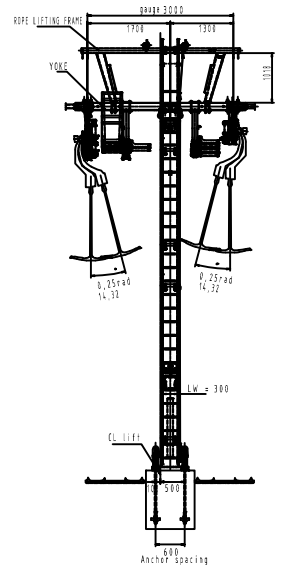
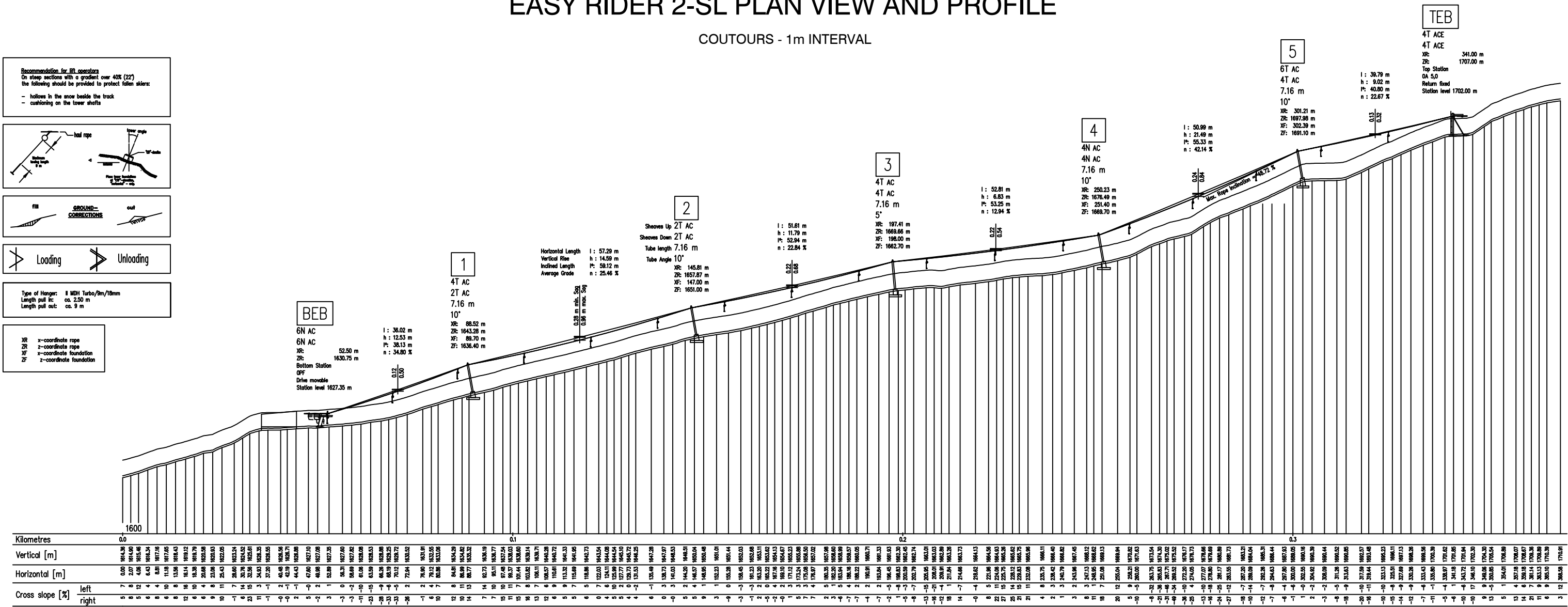
COUTOURS - 1m INTERVAL

Recommendation for lift operators
On steep sections with a gradient over 40% (22°) the following should be provided to protect fallen skiers:
- hollows in the snow beside the track
- cushioning on the tower shafts



Type of Hanger: 8 MDH Turbo/3m/18mm
Length pull in: ca. 2.50 m
Length pull out: ca. 9 m

XR x-coordinate rope
ZR z-coordinate rope
XF x-coordinate foundation
ZF z-coordinate foundation



Profile origin:
Profile file: Easy Rider Ground Points 20200810.gel
Ropeway file: Easy_Rider_SL_20200817_DMW_v4.sl
Program: Seiba 1.68.2 CIN:1598599876

Customer: Kosciuszko Thredbo
Location: Thredbo

Technical Data:

Uphill Side	Left	Ø Haul Rope	16 mm
Drive Station	Bottom	Minimum Breaking Strength	162 kN
Tension Station	Bottom	Ø Drive Bullwheel	2.50 m
Return Station	Top	Ø Return Bullwheel	2.50 m

Horizontal Length	288.50 m	Rope Gauge on Line	3.00 m
Vertical Rise	76.25 m	Drive Output Continuous	30 kW
Average Grade	26.43 %	Drive Output Starting (0.15 m/s²)	32 kW
Max. Rope Inclination	48.72 %	Elevation of Drive Station	1631 m
Inclined Length	299.57 m	Uphill Transportation	100 %
Spliced Rope Length	618.18 m	Downhill Transportation	0 %

Drive Speed	Initial	Final
Capacity	m/s	2.50 m/s
Number of Carriers	pph	1019 pph
Carrier Spacing	m	35
Carrier Interval	s	17.66 m
Trip Time	s	7.06 s
	min	1.70 min

C BOTTOM STATION LOCATION ADJUSTED		2020-12-06	SHT
B BOTTOM STATION MOVED, TOP STATION HEIGHT INCREASED		2020-10-23	SHT
A ADDITIONAL TOWER ADDED		2020-08-17	SHT
Index		Date	Name
		20200810	SHT
		Drawn	
		Approved	
		Scale	1:500
		Project No.	WAA0005494
		Drawing No.	191113
		Index	B

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