



Report 2014

LEITNER[®]
ropeways





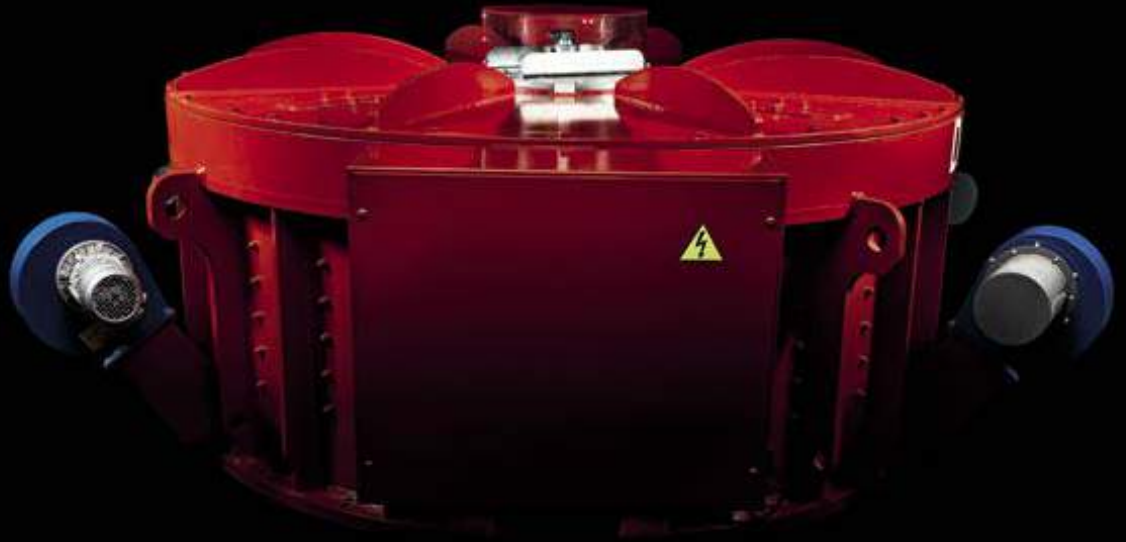
LEITNER ropeways: Innovative and sustainable ropeway technology.
Customized solutions and unique ride experience with uppermost comfort.

Welschnofen / Italy





INNOVATION
SUSTAINABILITY
DirectDrive



Obertauern / Austria



2014 IN RETROSPECT

Installations by LEITNER ropeways do more than just provide standard transport service. They set new comfort standards while their premium-quality design makes them a tourist attraction. Ropeways improve the quality of life by providing maximum ride comfort and child-friendly boarding for winter sports while reducing street traffic in cities as well as providing a fascinating bird's eye view at exhibitions and amusement parks. In 2014, LEITNER ropeways built 38 installations in thirteen countries where customers required top quality when it came to environmental friendliness, engineering and comfort.

DirectDrive – increased efficiency, reliability and sustainability

With the DirectDrive, LEITNER ropeways can offer applications that fulfill these specific demands sustainably. Ropeways equipped with modern drive technology provided exclusively by LEITNER ropeways run significantly more quietly, consume less energy and – thanks to fewer high-use parts – operate more reliably requiring less maintenance. In 2014, ten systems outfitted with DirectDrive were produced. These include the Tschein and Borest ropeways in South Tyrol, the panoramic ropeway in Obertauern, the Golzentippbahn in Obertilliach, the Milchhäuslexpress in Lenggries, the Rohace Express in Slovakia, the Klockar Express in Vemdalen, Sweden, the Levi South in Levi, Finland, the Expressheis in Roldal, Norway and the urban installation Yenimahalle in Ankara, Turkey.

Design and comfort – the ropeway as a tourist attraction

Quality and individuality are core competencies of LEITNER ropeways; however, the appearance of the ropeways likewise plays a central role. With innovative design solutions, today's ropeways provide promising new opportunities for operators. In addition to popular comfort features such as colorful bubbles and heated leather seats, individual design elements can significantly enhance the attractiveness of the ropeways and their visual appearance. Individual solutions with exceptional luxury and creative designs transform ropeways by LEITNER ropeways into attractions that enhance the site and create momentum. Individual style elements and impressive accessories make the ropeway into an important corporate design factor. For example, the seats on the Ganslernhang chairlift in Kitzbühel display posters of legendary slalom races. These seat displays have attracted the interest of the public at their debut at the Hahnenkamm Races. Each seat is dedicated to a year of the World Cup races on this famous slope.



Italy

In total, seven new ropeways were built in Italy during 2014. Connecting the Monte Elmo and Croda Rossa ski areas in Alta Pusteria with the GD8 ropeways Tre Cime di Lavaredo and Orto del Toro has provided significant improvement of sporting and touristic opportunities in the region. As a result, two new downhill runs were created, officially forming the new Sesto Dolomites ski area. In Colfosco in Alta Badia, the new Borest 8-passenger gondola lift has created a new connection to the Gardena Pass, thus enhancing the attractiveness of the world-famous Sella Ronda. In Molveno an additional 8-passenger gondola lift travels to the Pradel high plateau. New 6-seater chairlifts in both Corvara and Nova Levante were built. A new surface lift was constructed in Castione della Presolana.

Austria

In Obertauern, a new 6-seater chairlift was put into operation with seat heating, yellow bubbles and yellow-black upholstery providing particular ride comfort. The new 10-passenger gondola lift at the Golzentipp resort in Obertilliach, East Tyrol, has reduced the travelling time to the top station by 50 percent, and is equipped with DirectDrive and panoramic windows. This ropeway set an important milestone for tourism in Obertilliach. In Kaprun, the Lärchwand inclined elevator was outfitted with the latest technology, and now it carries passengers more quickly and comfortably to reservoirs and power plants.

Germany

The new CD6C Milchhäuslexpress at the popular Brauneck Ski Area in Bavaria is displaying a noticeable improvement on the connection to the south side. In addition, the ropeway has been equipped with particularly family-friendly functions such as an automatically locking safety bar and a conveyor belt with an elevating platform that detects whether children or adults are getting on.

Switzerland

Stand-XPRESS I and II in the Adelboden-Lenk Ski Area are the first 10-passenger gondola lifts in the Bernese Oberland. Passengers can now travel directly to the peak in half of the travel time as before.

Scandinavia

The GD8 Byliften in Funäsdalen, Sweden, is the first gondola-only lift in Scandinavia made by LEITNER ropeways. In only three minutes, passengers can use it to travel from the city to the summit – avoiding arduous trips by car. The CD6C Väst Express in Vemdalen is the largest installation in Sweden.

The 6-seater chairlift Levi South in Levi, Finland, is the first ropeway using DirectDrive in the Nordic countries. This modern installation is well-equipped with seat heating, comfort seats and bubbles. The adjacent storage facility is also used as an event venue for children. Additional new ropeways were installed in the Røldal and Strandafjellet Skisenter regions in Norway.

Ankara / Turkey



Bursa / Turkey



Spain

In the Valdelinares ski resort in the Aragón region, the new CF4 Valdelinares is an important component in the expansion of the resort. New slopes and improved connections have made the area much more attractive.

France

The new 8-passenger gondola lift, Des Villards, was constructed at the Les Arcs ski resort. During the winter season it is in operation until 11:00 pm. Thanks to the new 6-seater chairlift Mont Joux, the connection between Megève and St. Gervais has improved considerably. In the Le Lioran ski resort in the Massif Central, passengers arrive to the slopes significantly quicker. The new CD6 Buron du Baguet is the first detachable 6-seater chairlift in the region. At Le Dévoluy in the Hautes Alpes, a new aerial tramway – a combination of passenger transport and material handling ropeway installation – has established a notably improved connection to the Pic de Bure and the Observatory.

Turkey

For years, Turkey has been one of the most dynamically expanding markets for LEITNER ropeways. In Ankara, the largest urban ropeway in Eurasia connects the neighborhoods of Şentepe and Yenimahalle to the city's subway network. Likewise in Ankara, the pulsed gondola ropeway in the Sinpaş district was completed and will assume important transport activities in the prestigious new residential area. In Bursa, visitors can now access the recreation area on Uludağ mountain more quickly and comfortably using the nine kilometer-long gondola lift, the longest monocable gondola lift in the world. Lengthy bus or taxi rides are now a thing of the past. In addition, in 2014 three ropeways were completed in Sivas in Anatolia, three others in Tavas Bozdag, as well as one in Ilgaz.

Poland, Slovakia

In the Wisla Skolnity ski area in the Beskid Mountains in Poland, the new CF4 Wisla Skolnity is contributing to a substantial expansion of summer and winter recreational opportunities. The new CD6C Rohace Express in the Roháče-Spálená ski center in Slovakia is equipped with DirectDrive, seat heating, blue bubbles and an up-to-date automated garaging system.

Serbia

Kopaonik, the largest ski area in Serbia, completed two new 6-seater chairlifts, outfitted with bubbles and seat heating. Thanks to these systems, FIS races can also be held at this ski resort.

SYMPHONY: 3S cabin designed by Pininfarina



LEITNER Premium Chair



OUTLOOK

New premium seats, exclusive cabins and sustainable drive systems

In 2015, the focus is still on innovative design and highest quality. This concerns destination-specific branding of the ropeways as well as exclusive accessories. Together with its customers, LEITNER ropeways is constantly working on attractive options, setting new standards with high-quality innovations, including, for example, the new LEITNER Premium Chair with its automotive design and genuine leather cover. Particularly impressive is the new 3S cabin designed by Pininfarina. Highlights of this spectacular cabin include: panoramic view, high seating comfort, frame lighting with individual illumination options, a multimedia system, customized ventilation system and a glass floor that can be switched to transparent on command. Likewise notable: the innovative DirectDrive system, which has established itself as a standard at LEITNER ropeways.

Winter sports – more comfort, better design and new connections

Numerous new ropeway installations underscore the growing demand for more passenger comfort and greater experience quality on mountain trips. Thus, in Ponte di Legno at the Tonale Pass in Italy, an 8-passenger gondola lift to the Passo Presena will be built, allowing the operating period to be extended to 10 months, thereby enhancing the attractiveness of this glacier region as a tourist destination. Two gondola lifts in Gerlos in the Zillertal will provide a new direct connection from the village to the ski area. In 2016, the 3S Eisgratbahn at the Stubai Glacier will start operation as an important connecting ropeway. This will be the world's first tricable gondola lift with DirectDrive and will operate year-round. This year the 6-seater chairlift Joscht Hirli is being constructed in Zermatt. In addition, LEITNER ropeways will build a new 3S gondola lift in the highest ski area in Europe, running from the Trockener Steg station to the Klein Matterhorn, where one of the highest top stations in Europe is located. In Laax, customers buying the new GD10 Sogn Martin are

placing particular value on design. A particularly family-friendly 6-seater chairlift is being built in the Feldberg ski area in the German High Black Forest. In addition, a new CD6C ropeway with blue bubbles and black-blue comfort seats at the Černá Hora ski resort in the Czech Republic will attract the users' attention.

Tourism – bears, gorillas and spectacular panoramas

Two new projects demonstrate that ropeways offer advantages beyond carrying winter sports enthusiasts to their destination and solving traffic problems by providing interesting new perspectives. Visitors to the Cabárceno Nature Park, in the northern Spanish province of Cantabria, can travel directly to bears and gorillas in two new gondola lifts. Passengers on the new inclined elevator at Castel San Pietro in Verona can enjoy impressive views of the area.

Urban passenger transport – panoramic tour above the garden show







LEITNER ropeways is constructing pioneering urban ropeways worldwide. In the Ecatepec de Morelos district of Mexico City, the first Mexican urban ropeways are being built – and the first with DirectDrive in the Americas. Both projects have an overall length of 4,700 meters. For the Berlin 2017 International Garden Show, LEITNER ropeways is going to build a gondola lift that will enable visitors to experience a 1.5 kilometer panoramic ride from the main entrance to the Blumberger Damm. Located directly at the subway station, the garden is optimally linked to the public transportation system. In a new shopping complex with amusement park near Kuala Lumpur in Malaysia, a GD10 gondola lift, the Awana Skyway, will become the primary form of transportation.

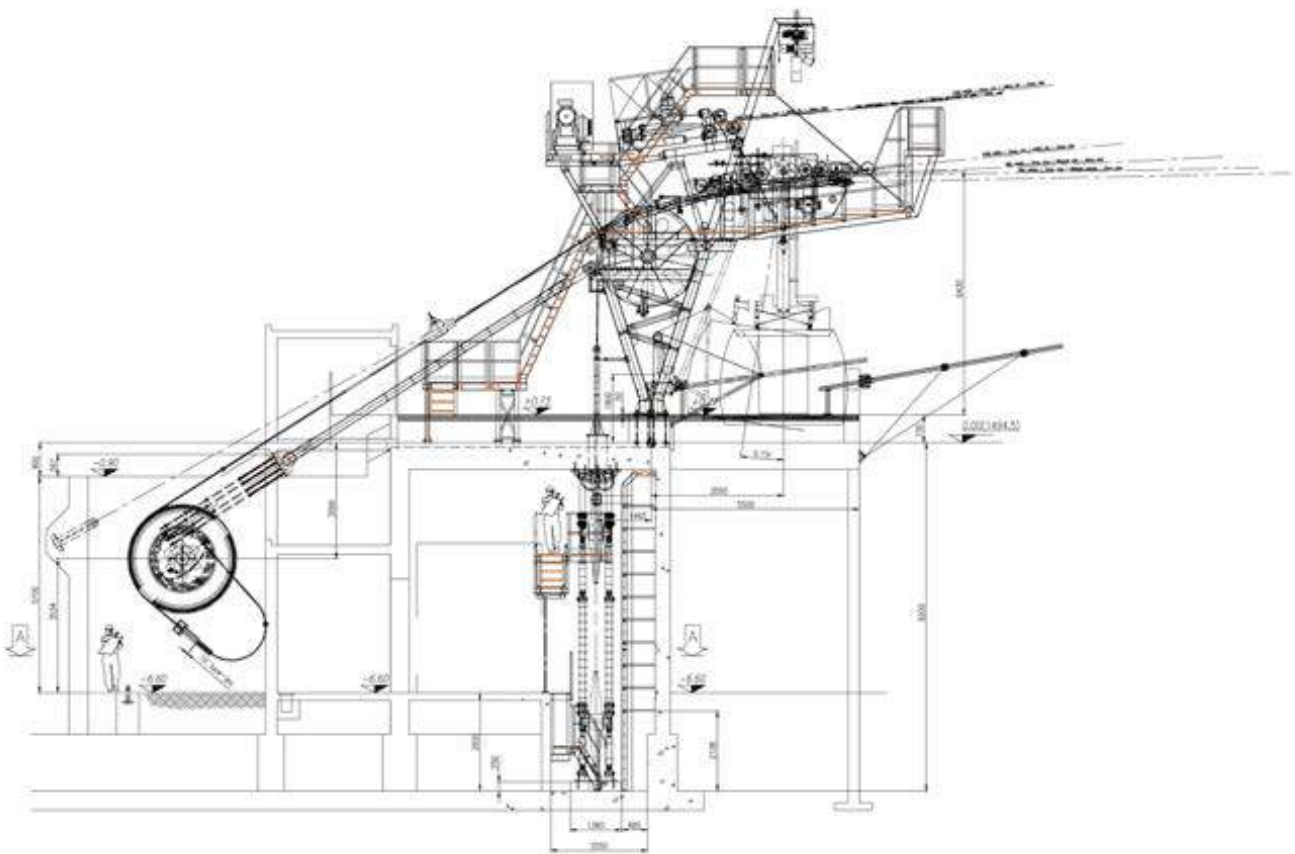


Examples of 365 working days ...

AT15 PIC DE BURE

Le Dévoluy / FR

	4040 m		500 kW
	1061 m		2
	15 Pers.		4
	6000 kg		





















GD10 STAND-XPRESS I

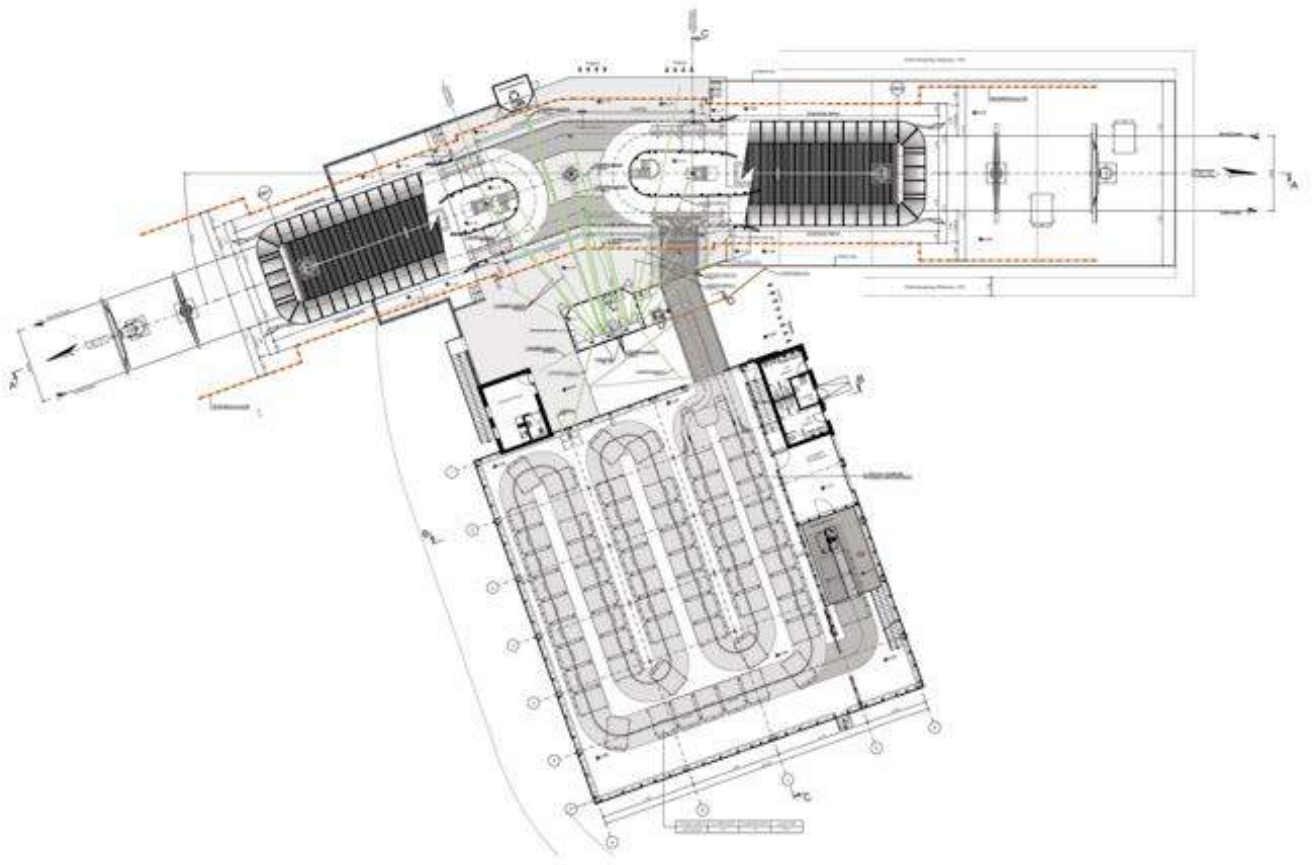
Lenk / CH

 886 m	 435 kW
 396 m	 29
 2400 p/h	 8

GD10 STAND-XPRESS II

Lenk / CH

 2151 m	 660 kW
 627 m	 59
 2400 p/h	 12











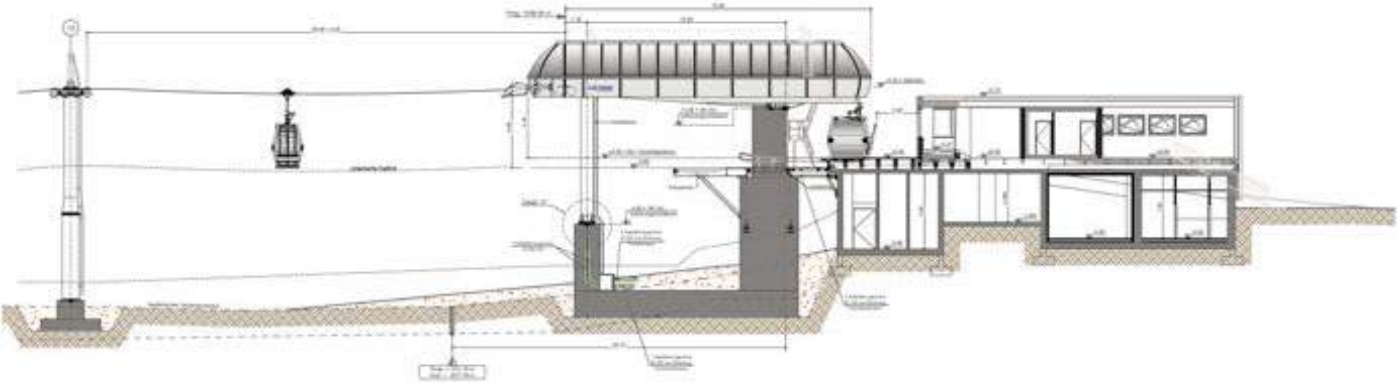




GD10 GOLZENTIPPBAHN

Golzentipp / AT

	1679 m		469 kW
	653 m		27
	1495 p/h		12











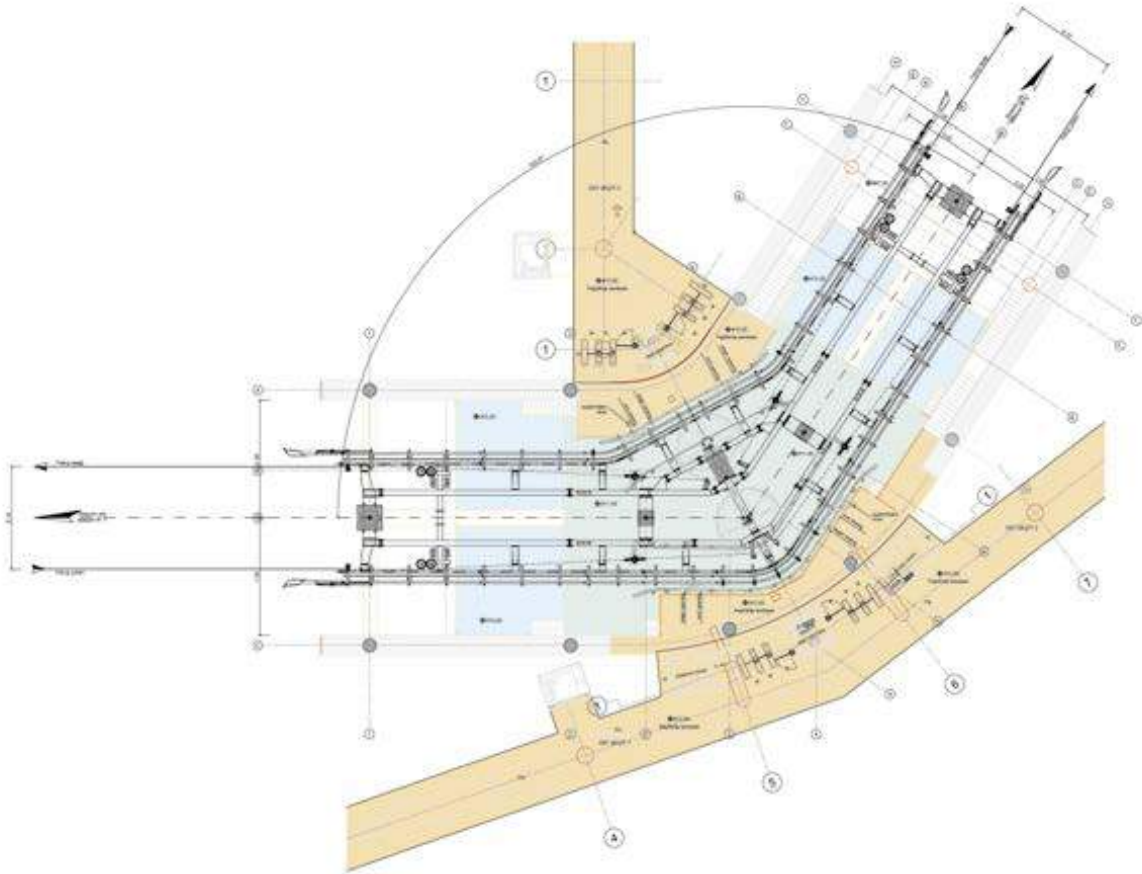




GD10 YENIMAHALLE I + II

Ankara / TR

	1430 m		440 kW
	126 m		54
	2400 p/h		12





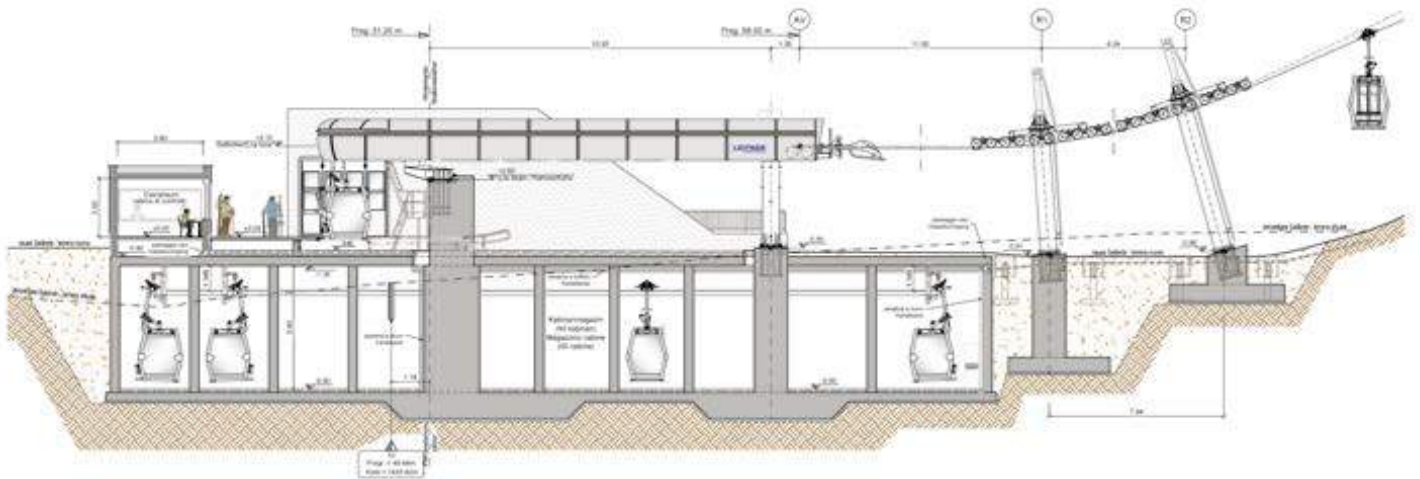




GD8 DREI ZINNEN

Sexten – Sesto / IT

↗	2033 m	⚙️	780 kW
↕	655 m	🗉	60
👤👤👤	2200 p/h	⌚	13





DREI ZINNEN
TRE CIME

14

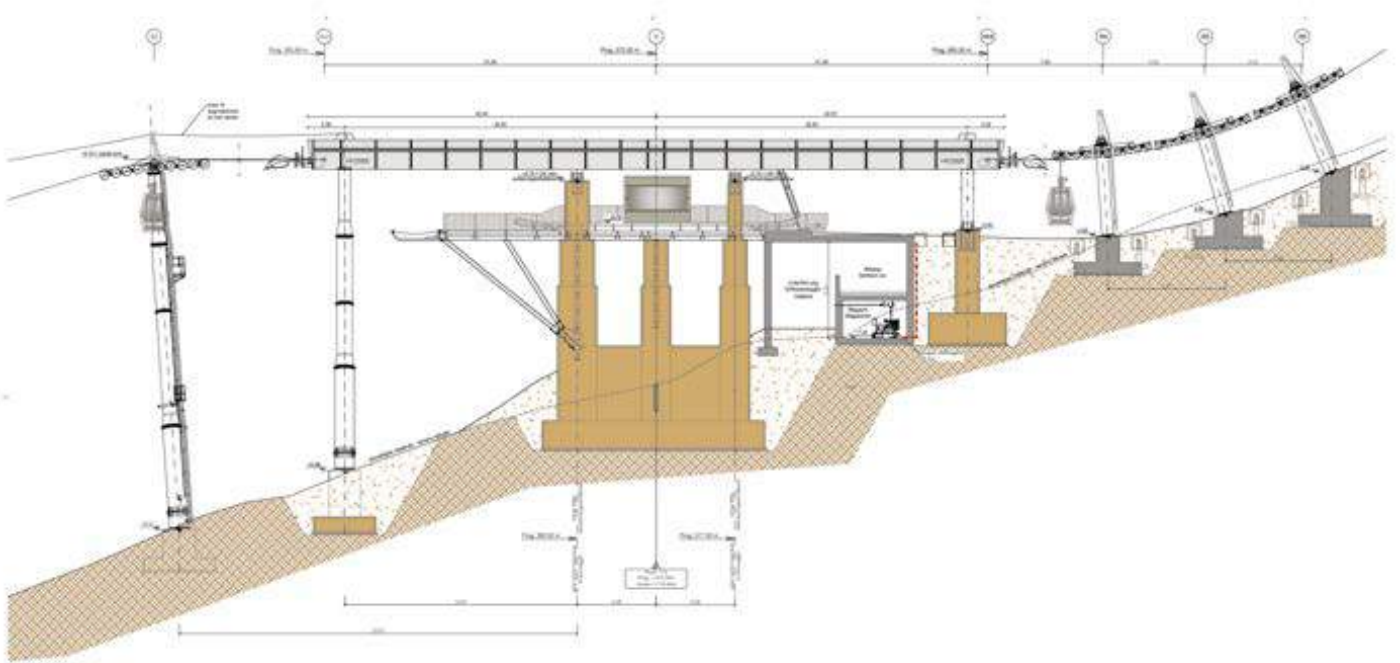




GD8 STIERGARTEN

Sexten – Sesto / IT

↗ 1791 m	⚙ 660 kW
↕ 424 m	🚠 50
👤 1800 p/h	⚙ 14





STIERGARTEN
ORTO DEL TORO







16

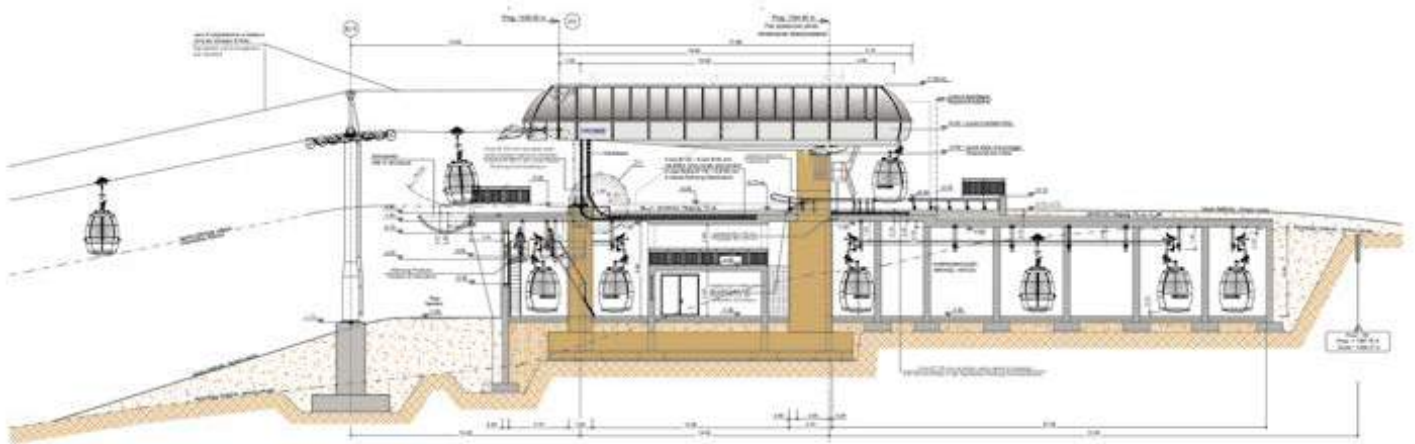




GD8 BOREST

Kolfuschg – Colfosco / IT

 1294 m	 358 kW
 59 m	 63
 3300 p/h	 11





Borest

SOLFOSCO
DOLOMITI
SUPERSKI







12

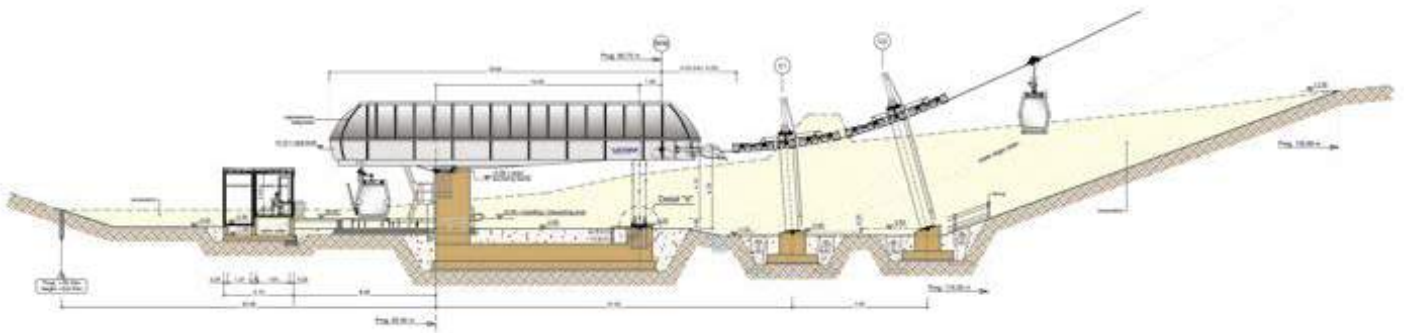




GD8 BYLIFTEN

Funäsdalen / SE

	862 m		370 kW
	316 m		22
	1474 p/h		7





FUNÄS
DALSBERGET



Audi







11

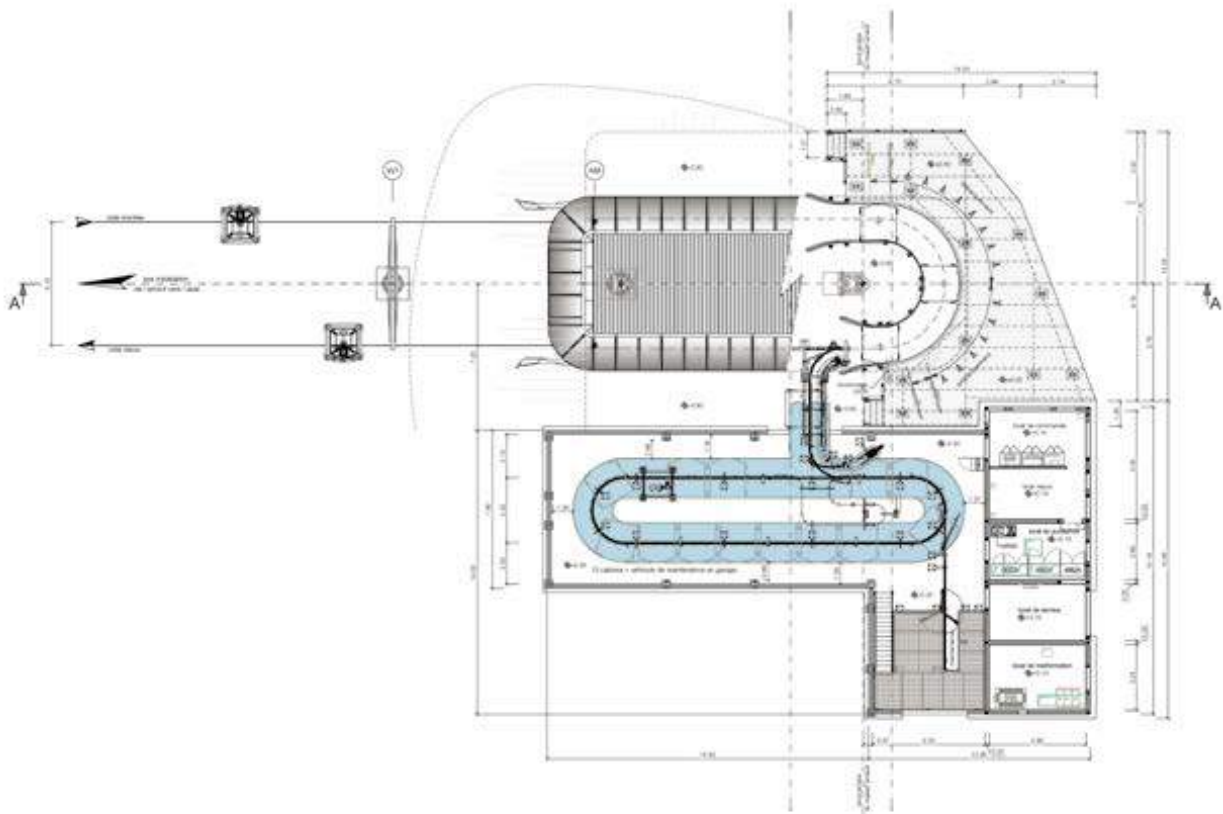




GD8 VILLARDS

Les Arcs / FR

 573 m	 400 kW
 119 m	 26
 2400 p/h	 7





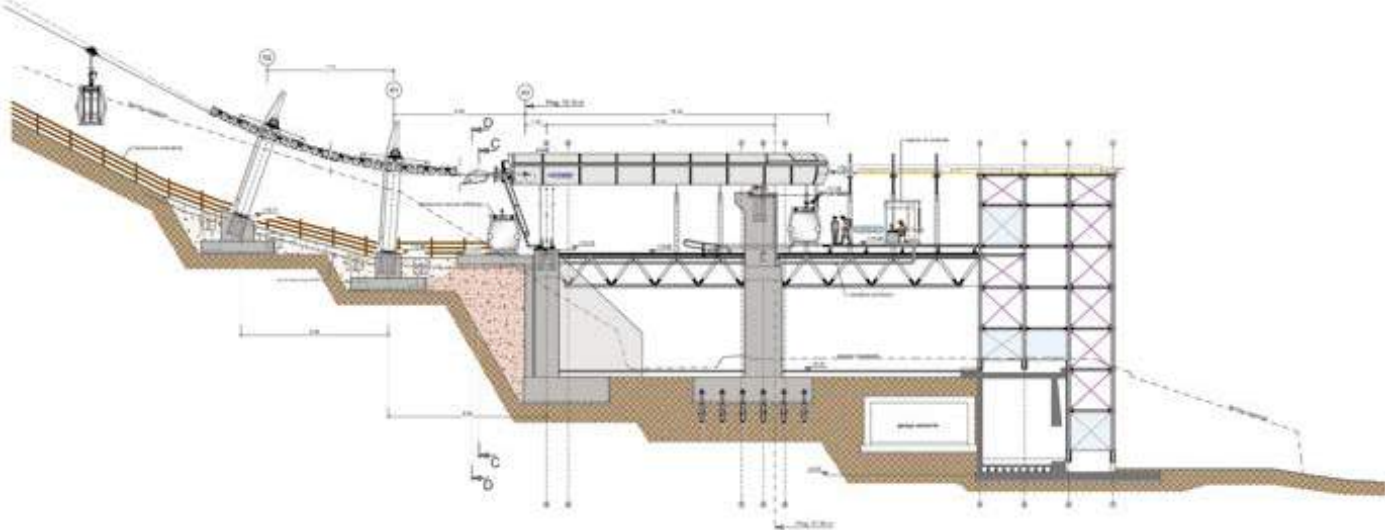




GD8/10 MOLVENO PRADEL

Molveno / IT

↗	951 m	⚙️	500 kW
↕	455 m	🗉	33
👤👤👤	2000 p/h	⌚	9











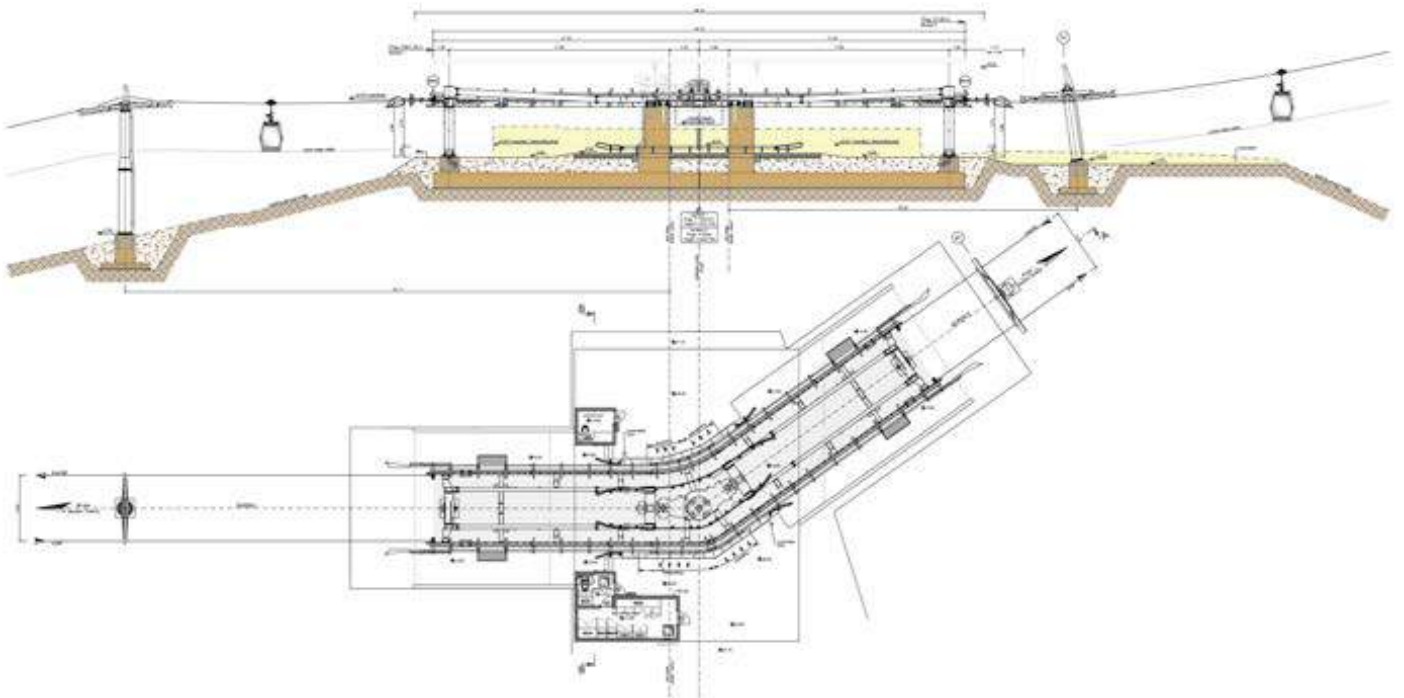




GD8 BURSA I + II

Bursa / TR

	4625 m		1056 kW
	1239 m		95
	1500 p/h		25









GD8 BURSA III

Bursa / TR

↗	4213 m	⊕	424 kW
↕	164 m	☎	81
👤👤👤	1500 p/h	⌋	19





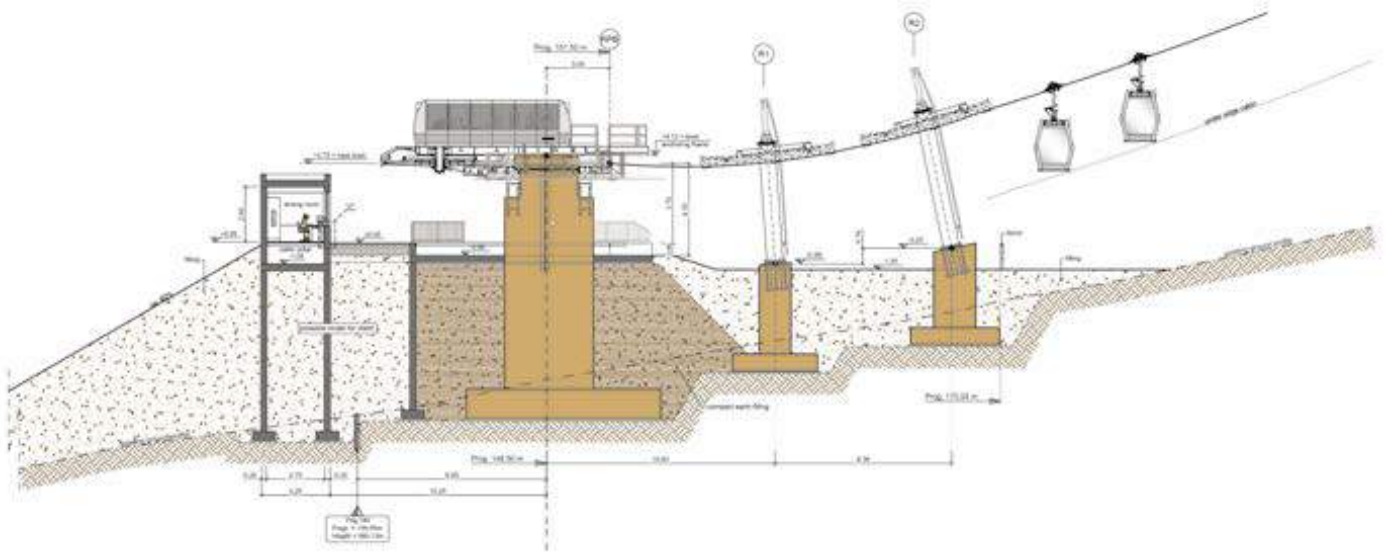




GFR 2-2-8 SINPAS

Ankara / TR

↗ 417 m	⚙ 200 kW
↕ 136 m	☎ 4
👤 400 p/h	⌚ 7

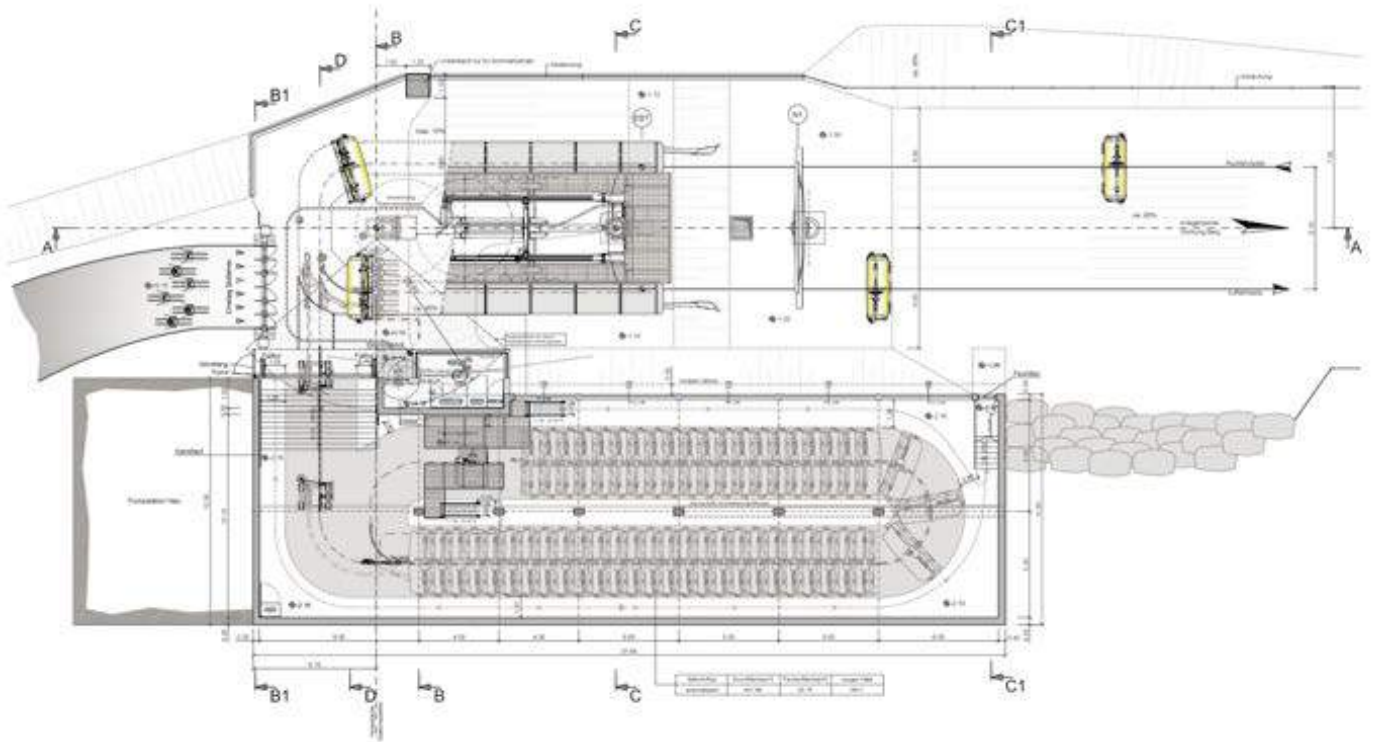




CD6C PANORAMABAHN

Obertauern / AT

↗ 911 m	⚙ 349 kW
↕ 261 m	🗣 49
👤 2600 p/h	🚪 8











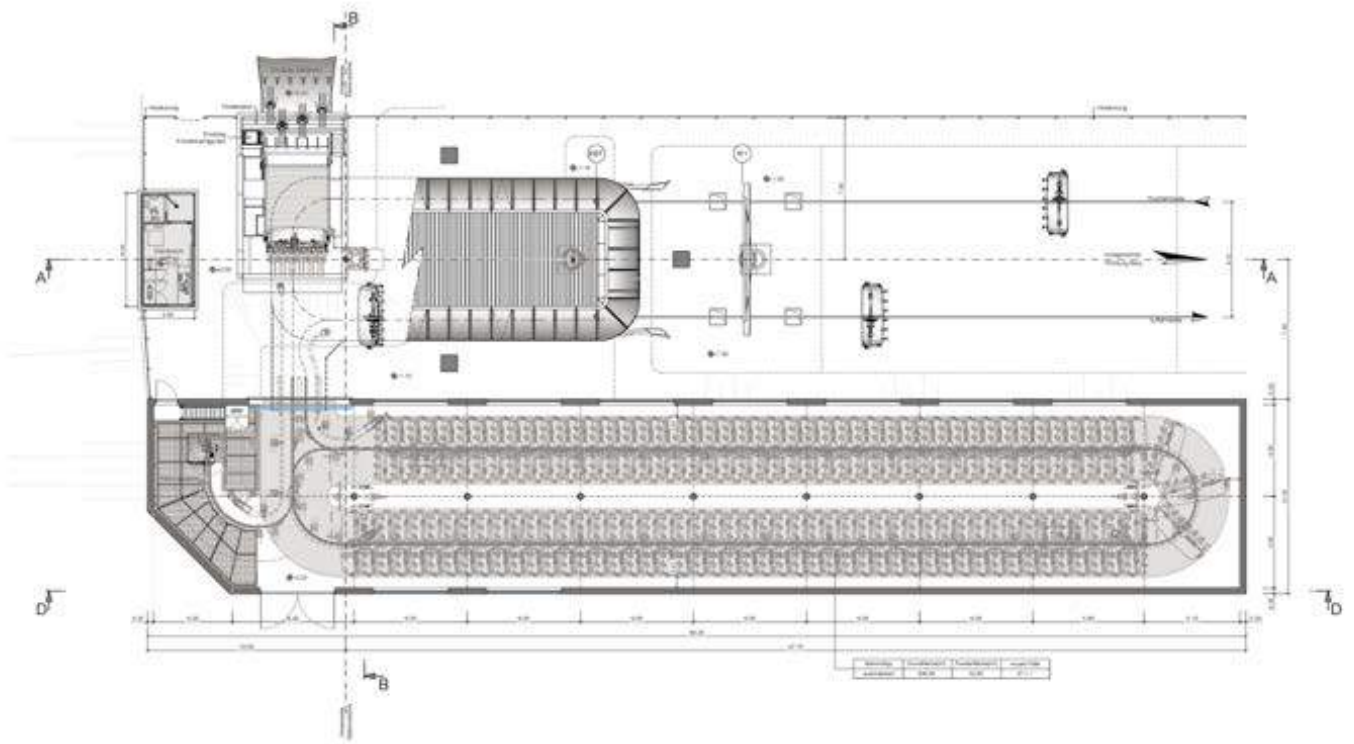




CD6C MILCHHÄUSLEXPRESS

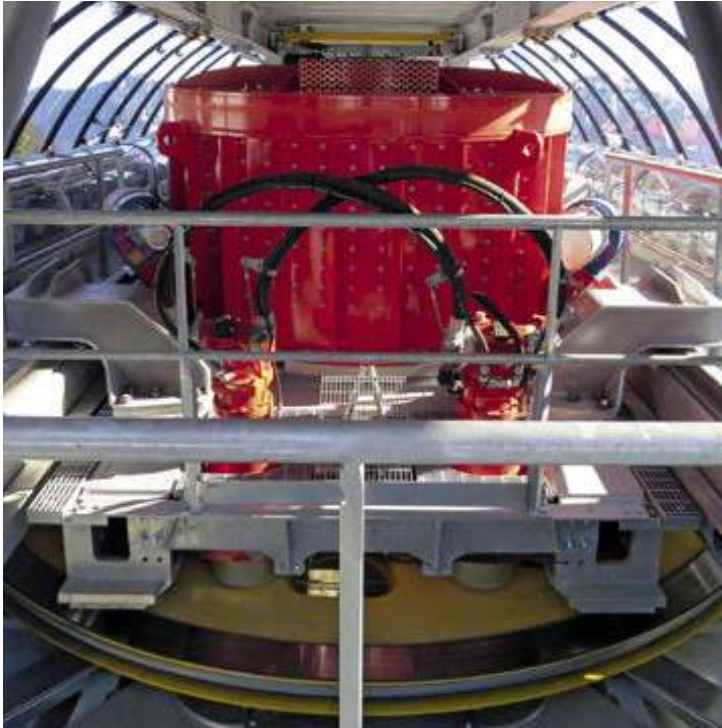
Lenggries / DE

	1774 m		636 kW
	456 m		97
	2800 p/h		15











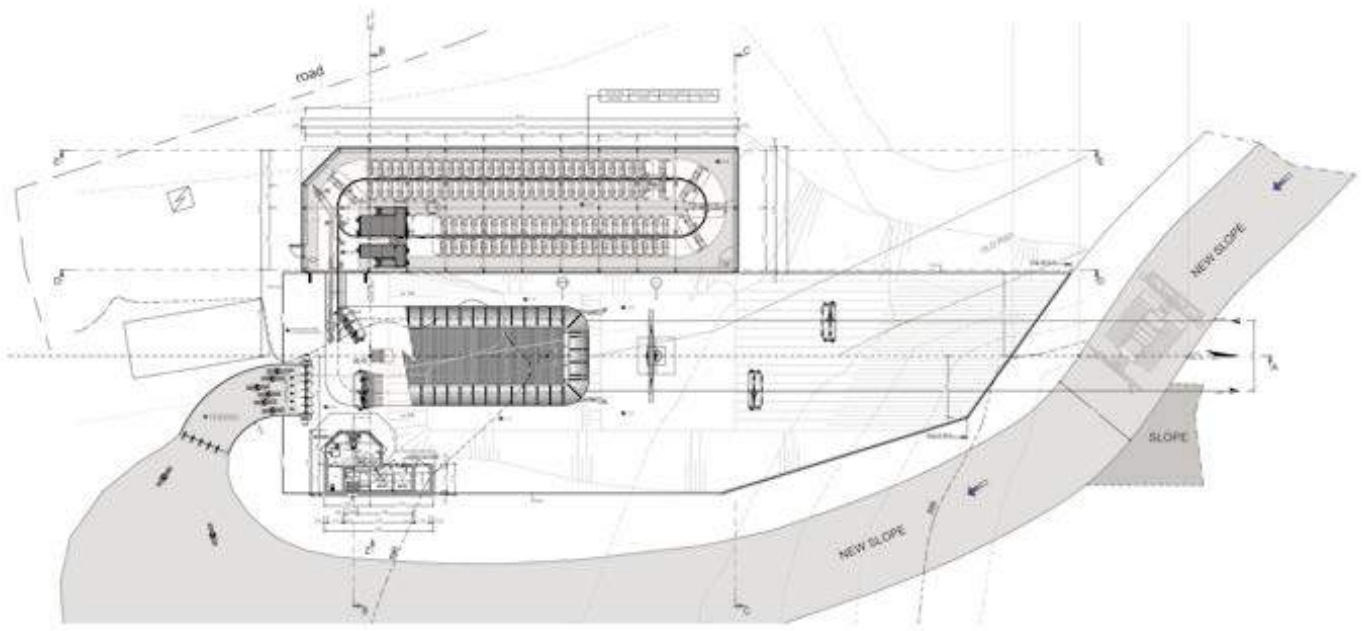




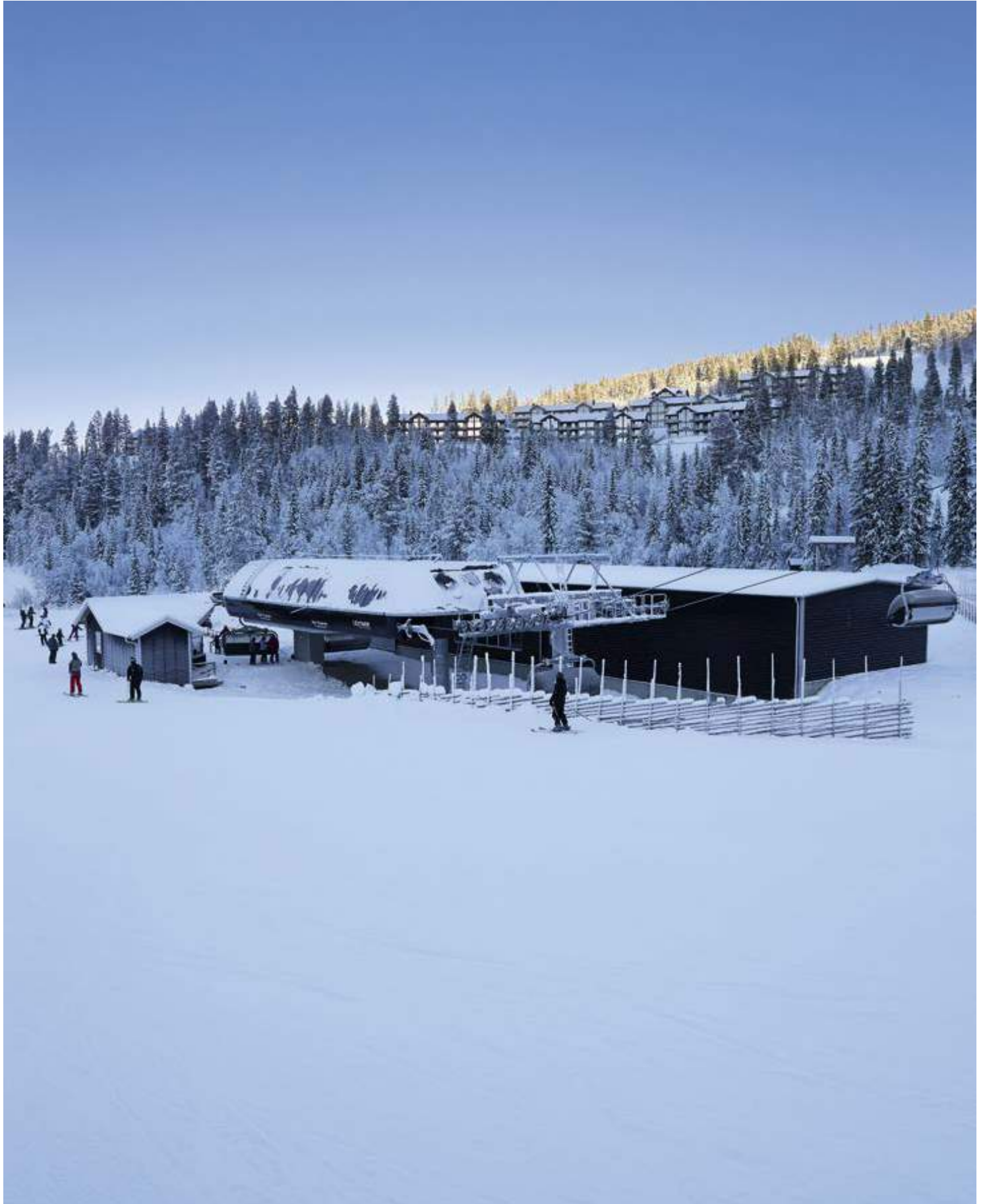
CD6C VÄST EXPRESS

Vemdalen / SE

	1177 m		350 kW
	319 m		56
	2800 p/h		11









CD6C LEVI SOUTH

Levi / FI

↗ 1711 m

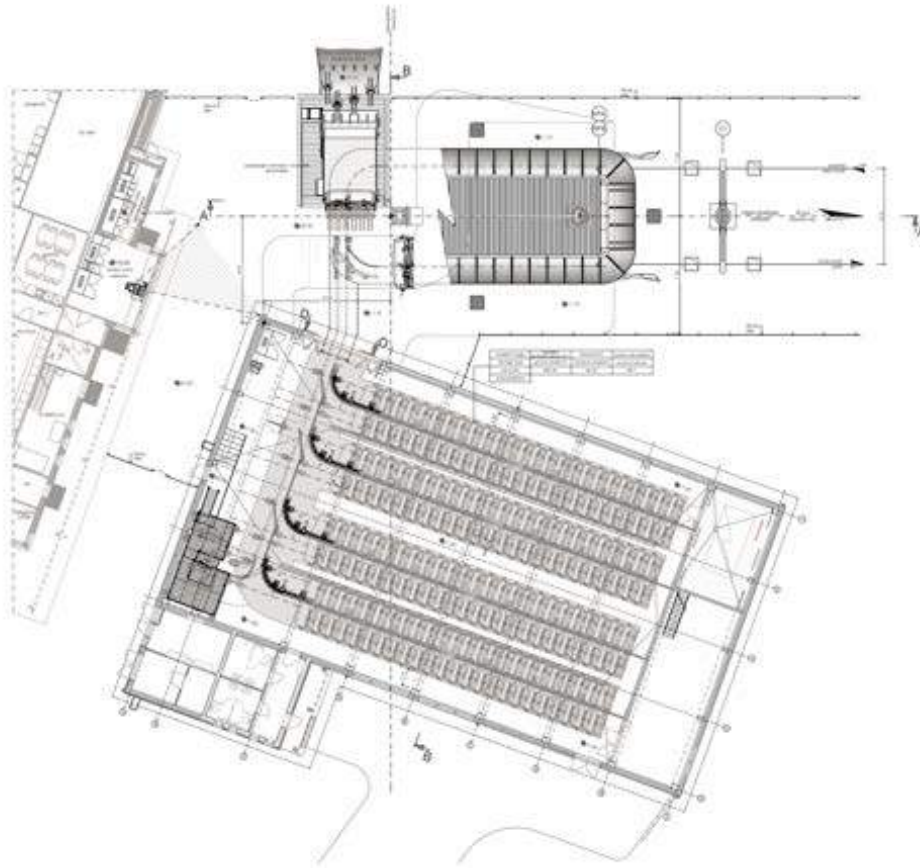
↕ 282 m

👤👤👤 3000 p/h

⚙️ 460 kW

☎️ 99

⌚ 13











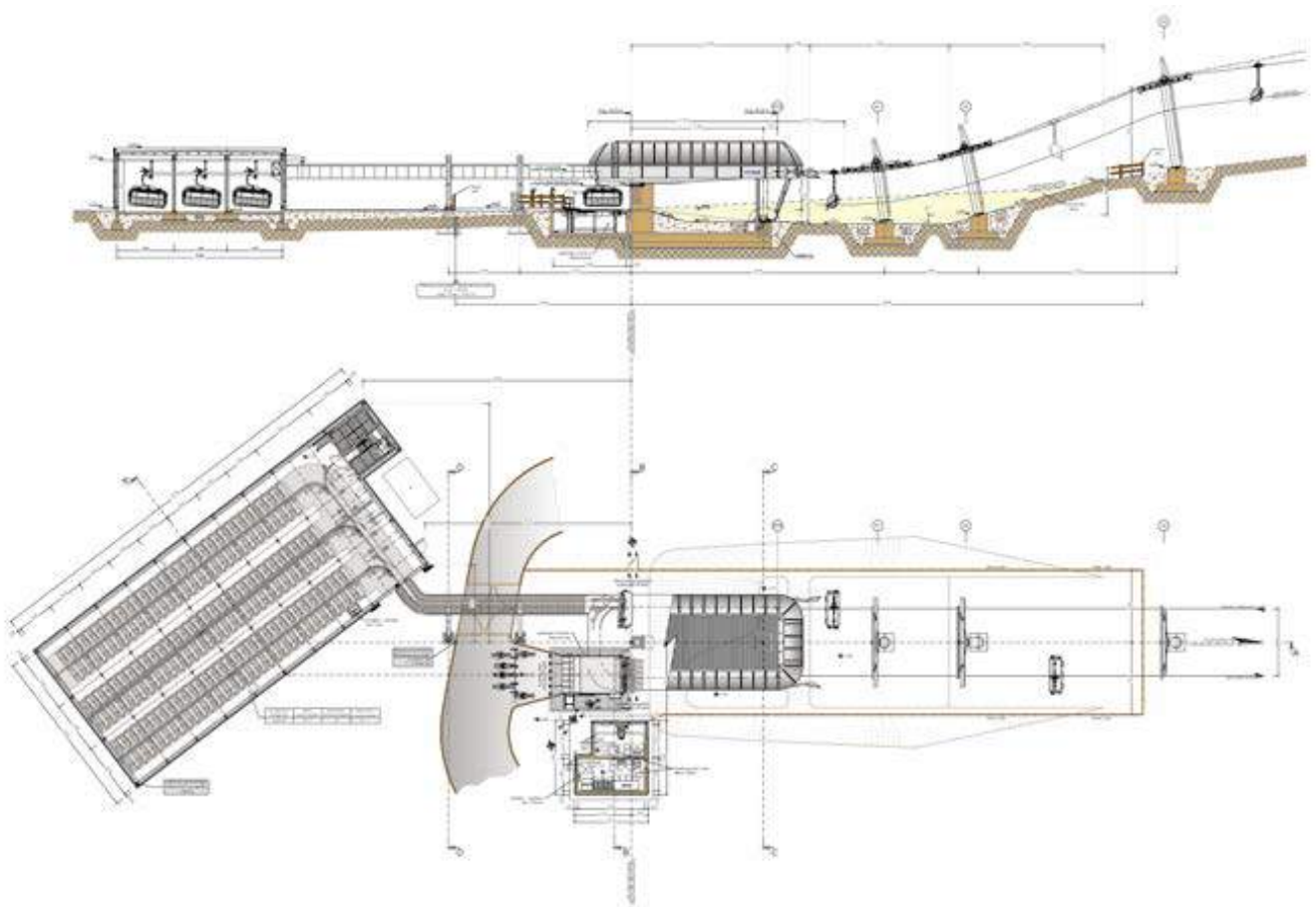




CD6C ROHACE EXPRESS

Zuberec Rohace Spalen / SK

	1948 m		537 kW
	460 m		92
	2400 p/h		16











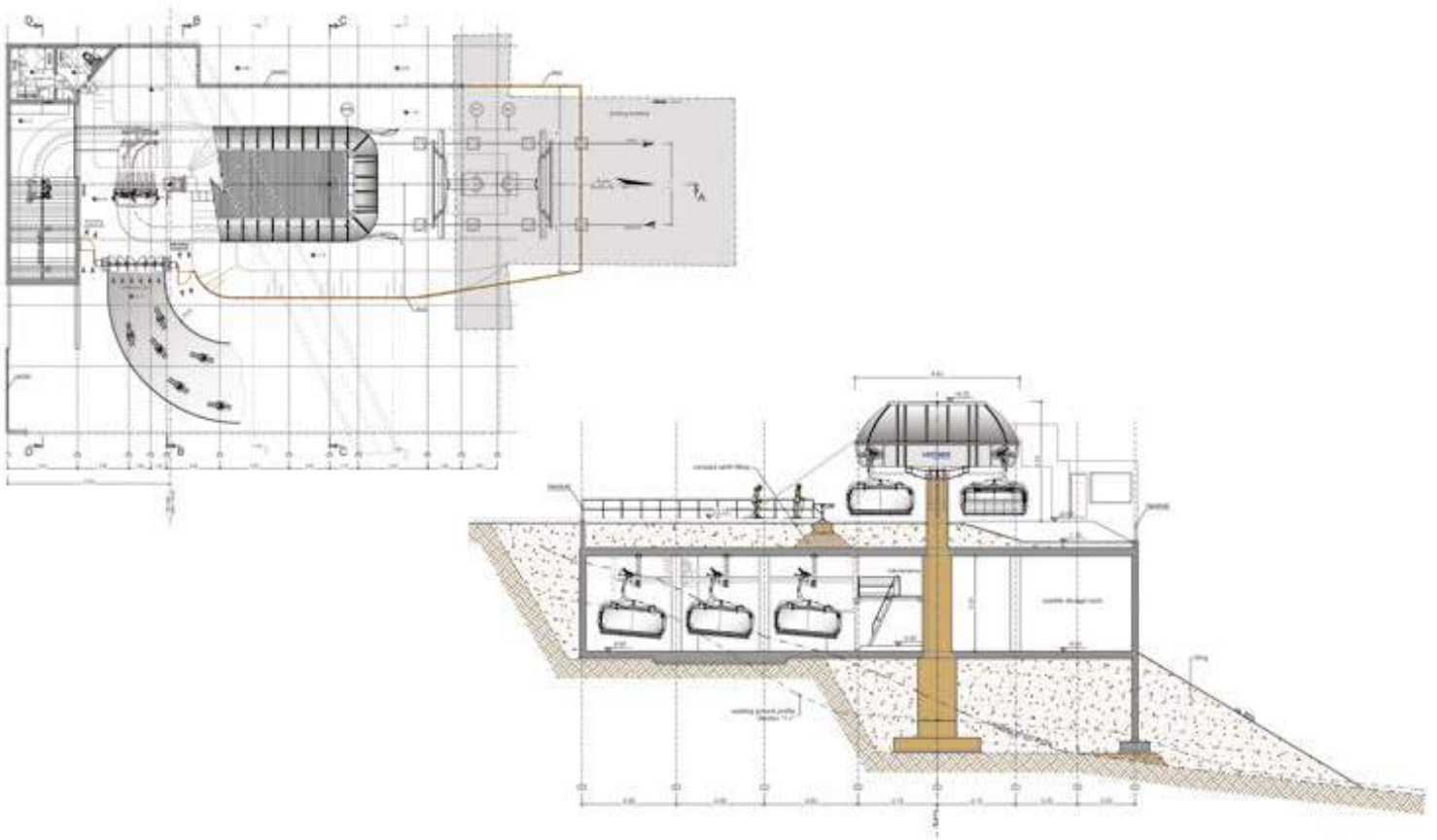




CD6C KRČMAR

Kapaonik / CS







	1939 m		517 kW
	471 m		91
	2400 p/h		14

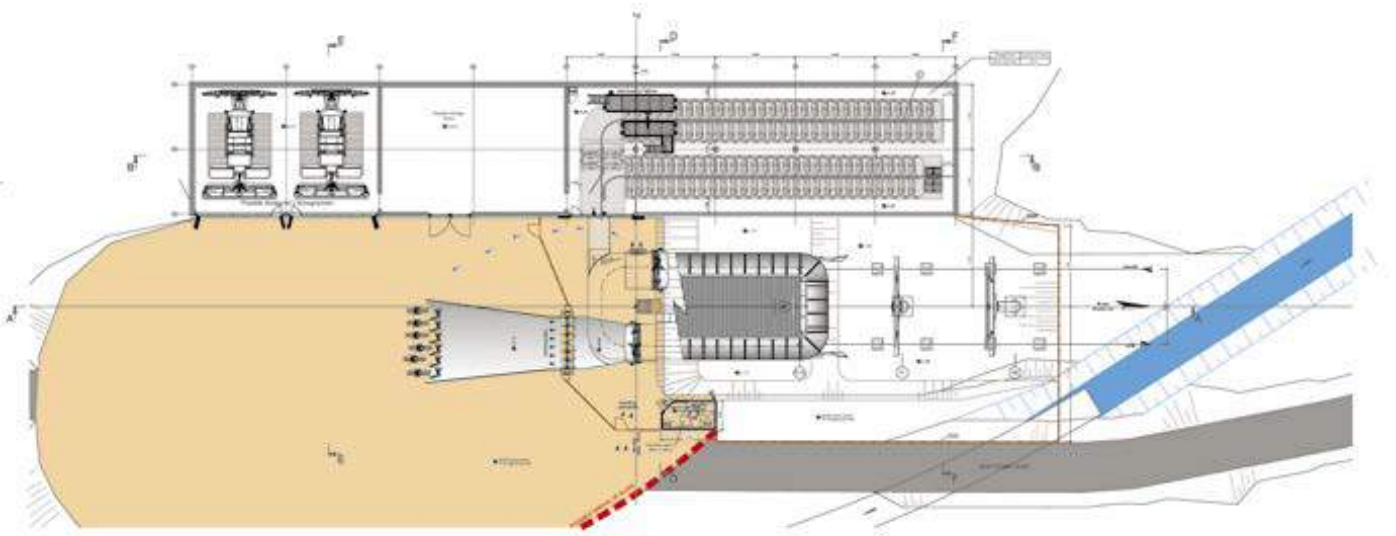




CD6C GVOZDAC

Kapaonik / CS







	1234 m		434 kW
	381 m		60
	2400 p/h		11

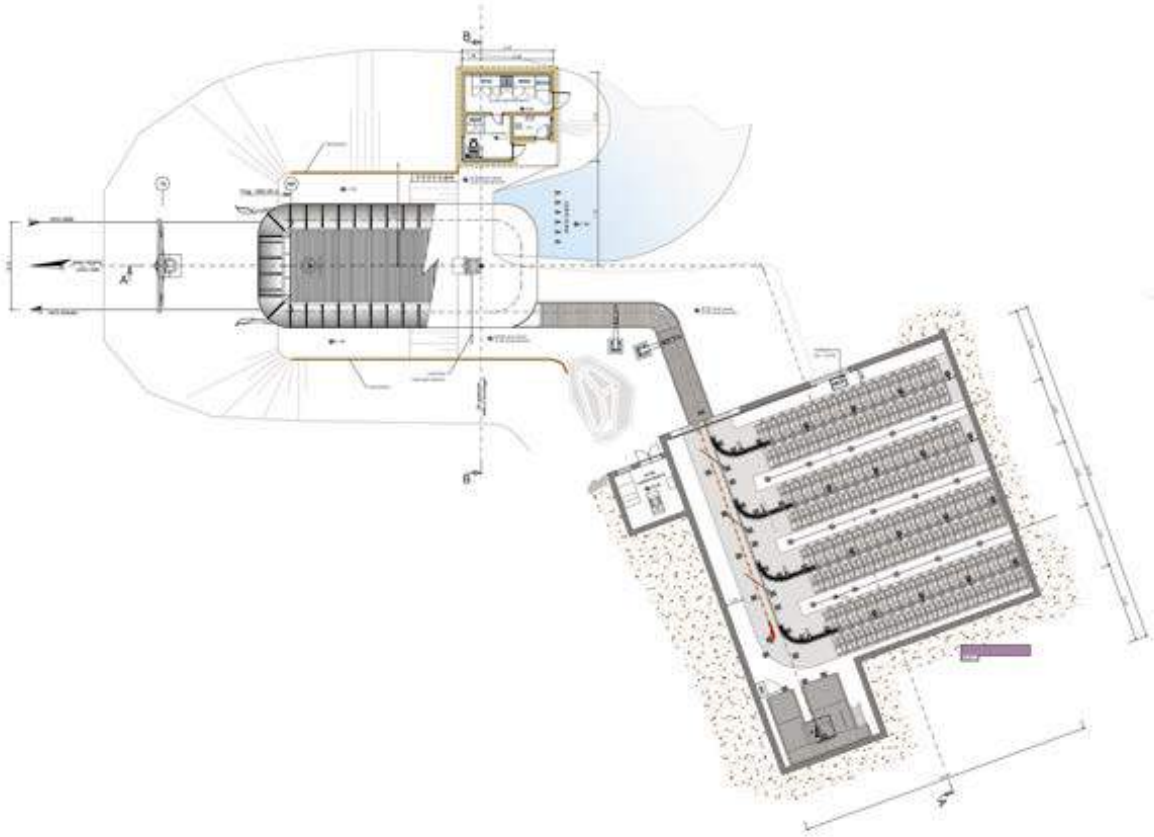




CD6 TSCHEIN

Welschnofen – Nova Levante / IT

	1885 m		441 kW
	378 m		74
	2000 p/h		16











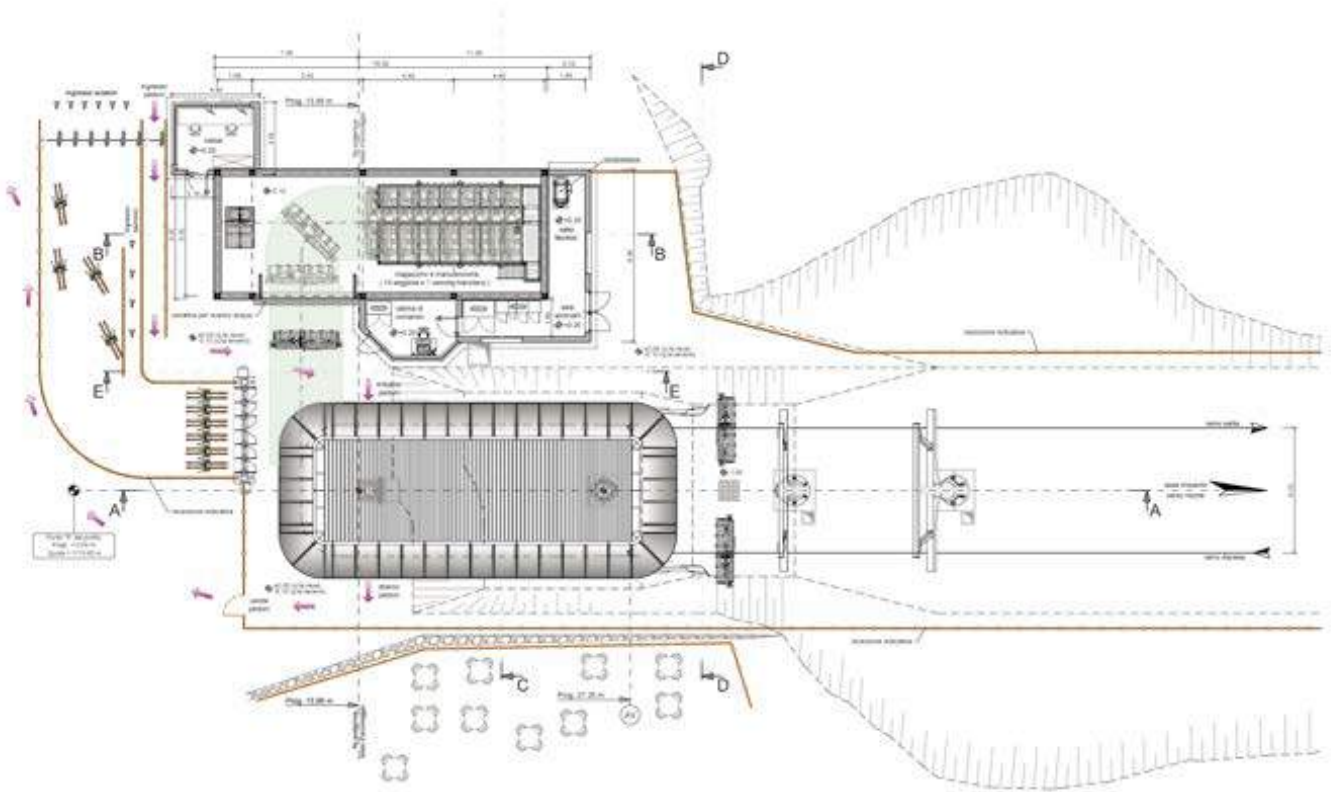




CD6 PRALONGIA

Corvara in Badia / IT

	1162 m		315 kW
	310 m		42
	1800 p/h		11











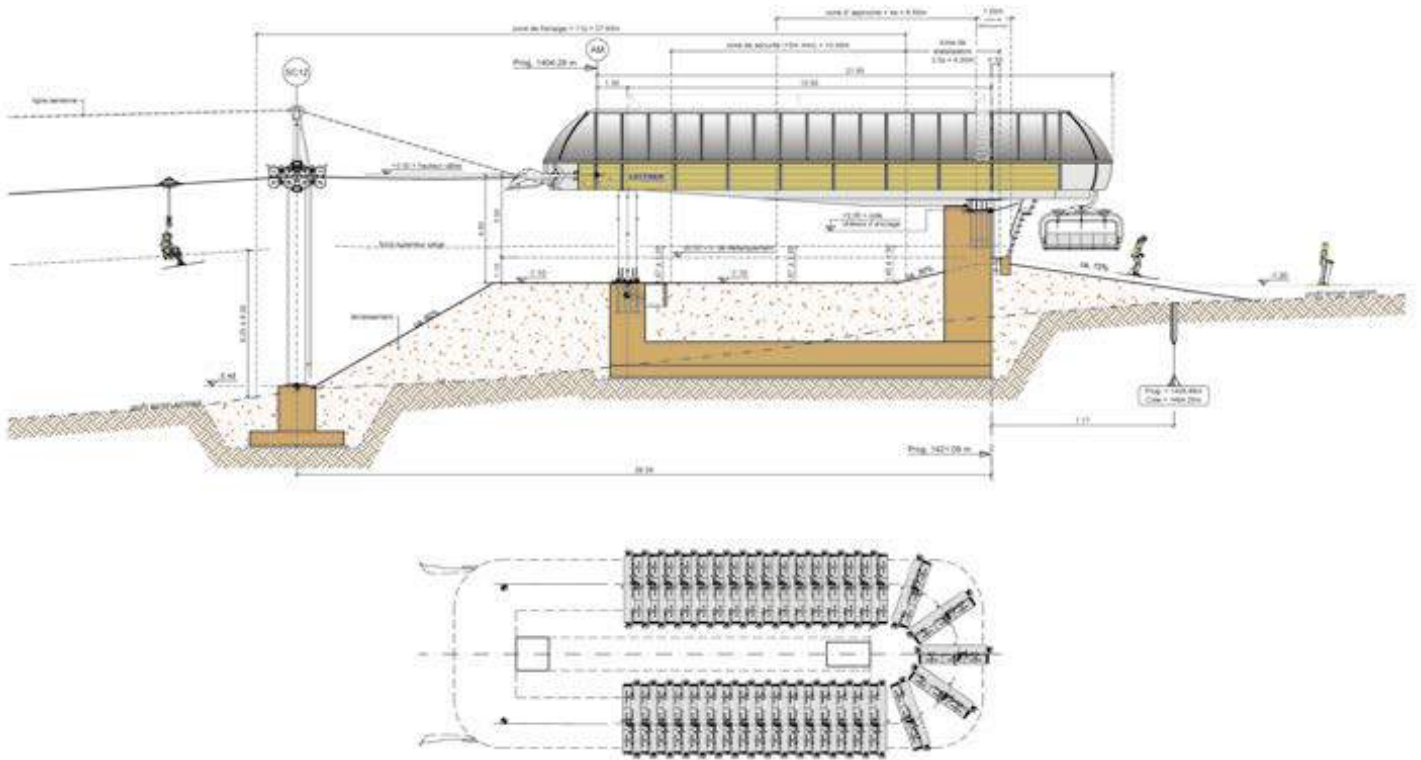




CD6 BURON DU BAGUET

Le Lioran / FR

	1350 m		2 x 428
	226 m		62
	3000 p/h		12











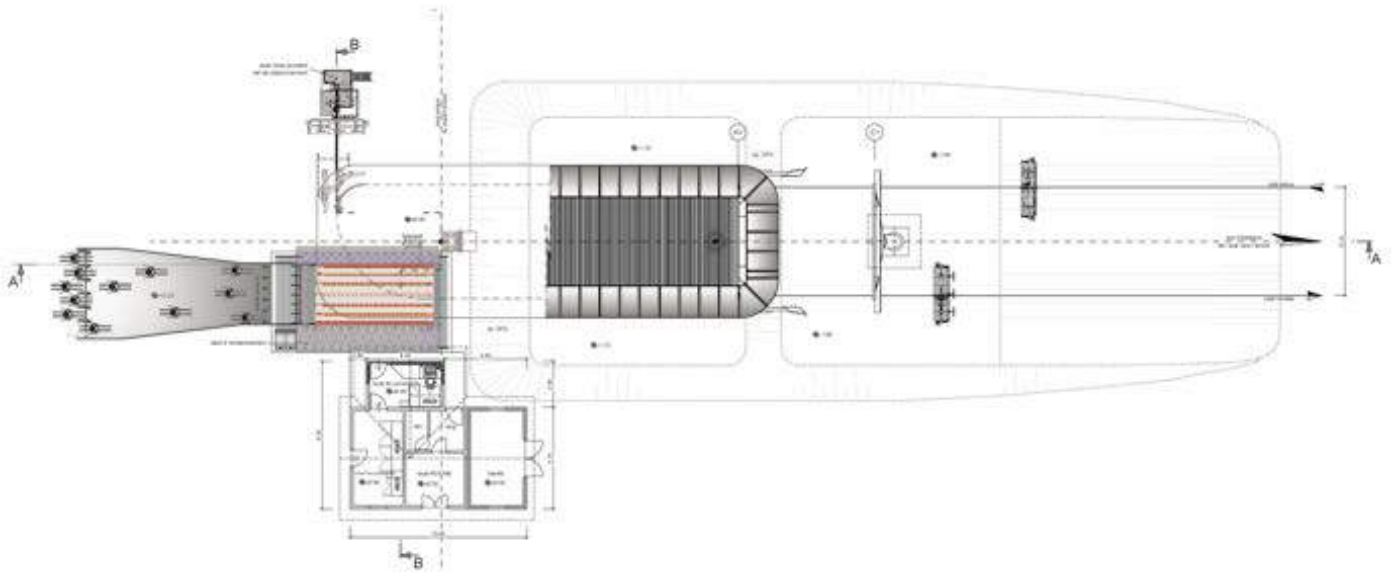




CD6 MONT JOUX

St Gervais / FR

 999 m	 710 kW
 318 m	 62
 3600 p/h	 10











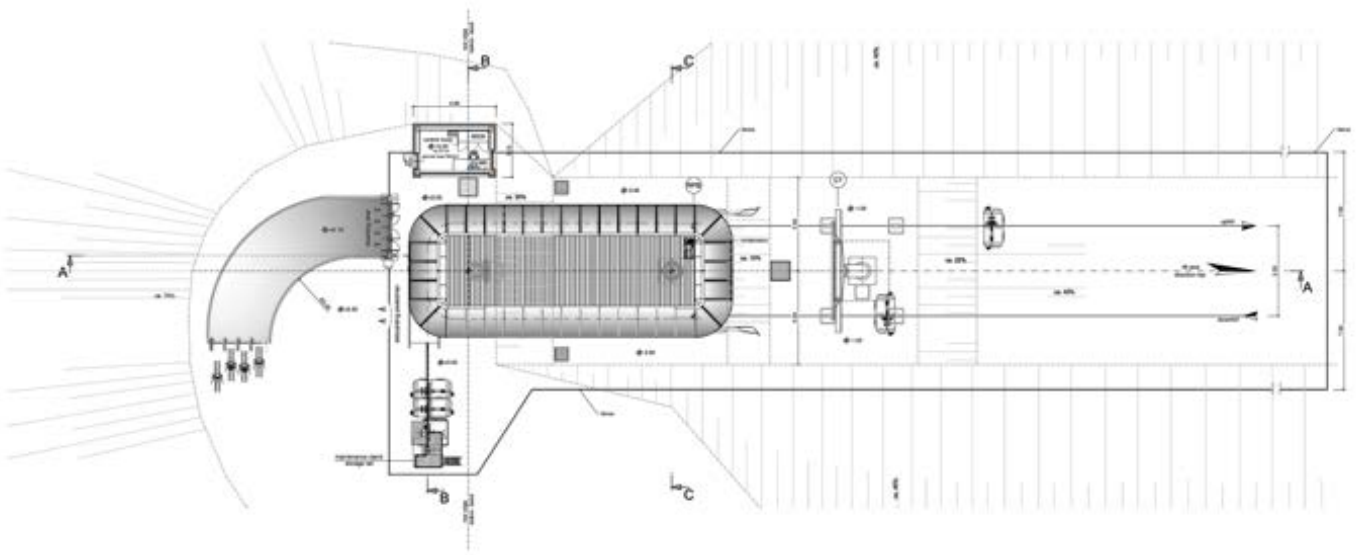




CD4C CANKIRI

İlgaz / TR

	862 m		193 kW
	192 m		40
	1498 p/h		9











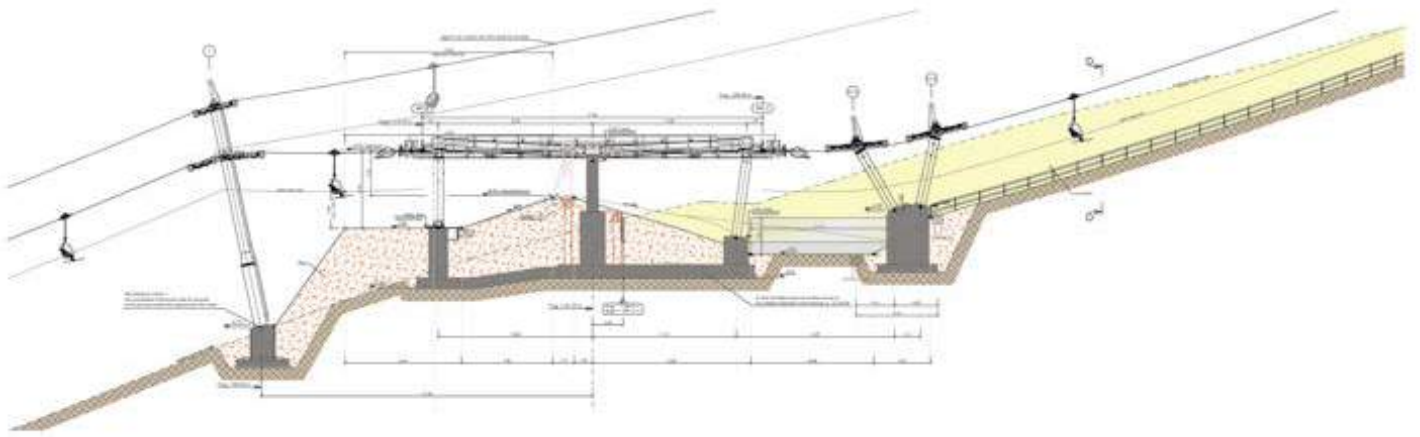
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CD4C SIVAS M2

Sivas / TR







 2226 m	 353 kW
 594 m	 77
 1186 p/h	 14

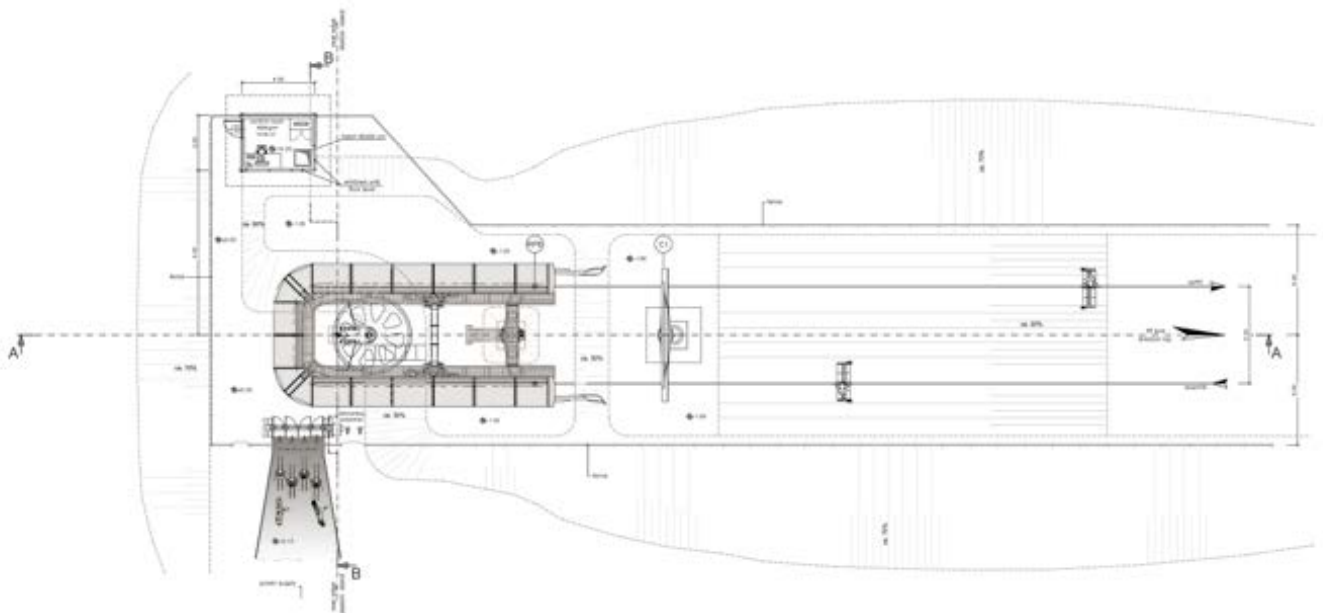




CD4 EKSPRESSHEIS RØLDAL

Roldal / NO

	1158 m		270 kW
	264 m		76
	2200 p/h		11

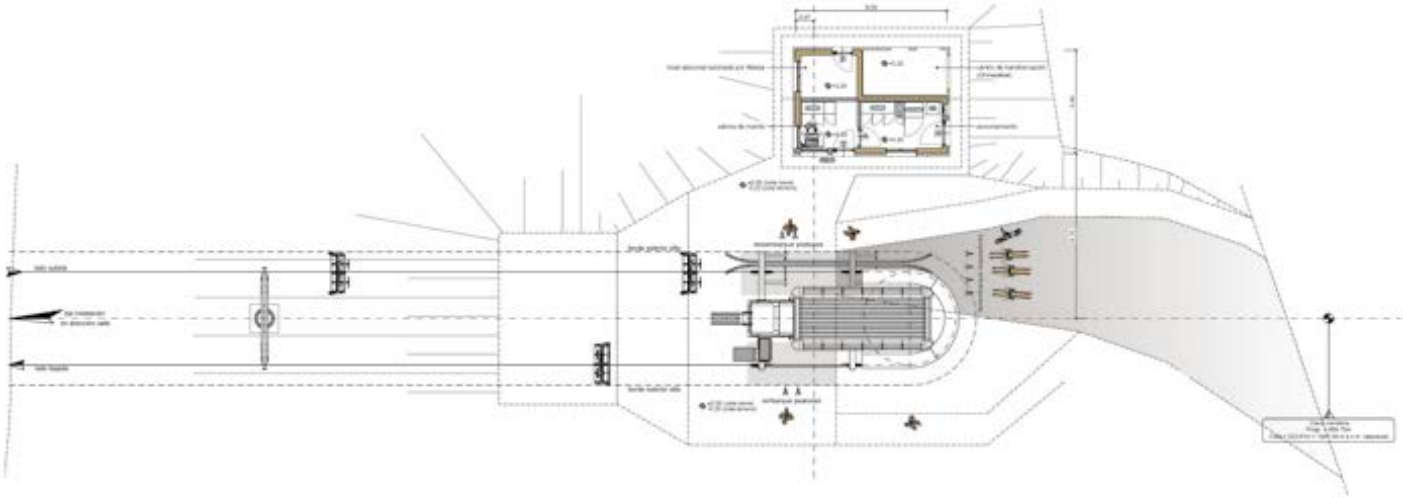




CF4 VALDELINARES

Valdelinares / ES







↗	947 m	⚙	195 kW
↕	216 m	☎	105
👤👤👤	2030 p/h	⌚	11

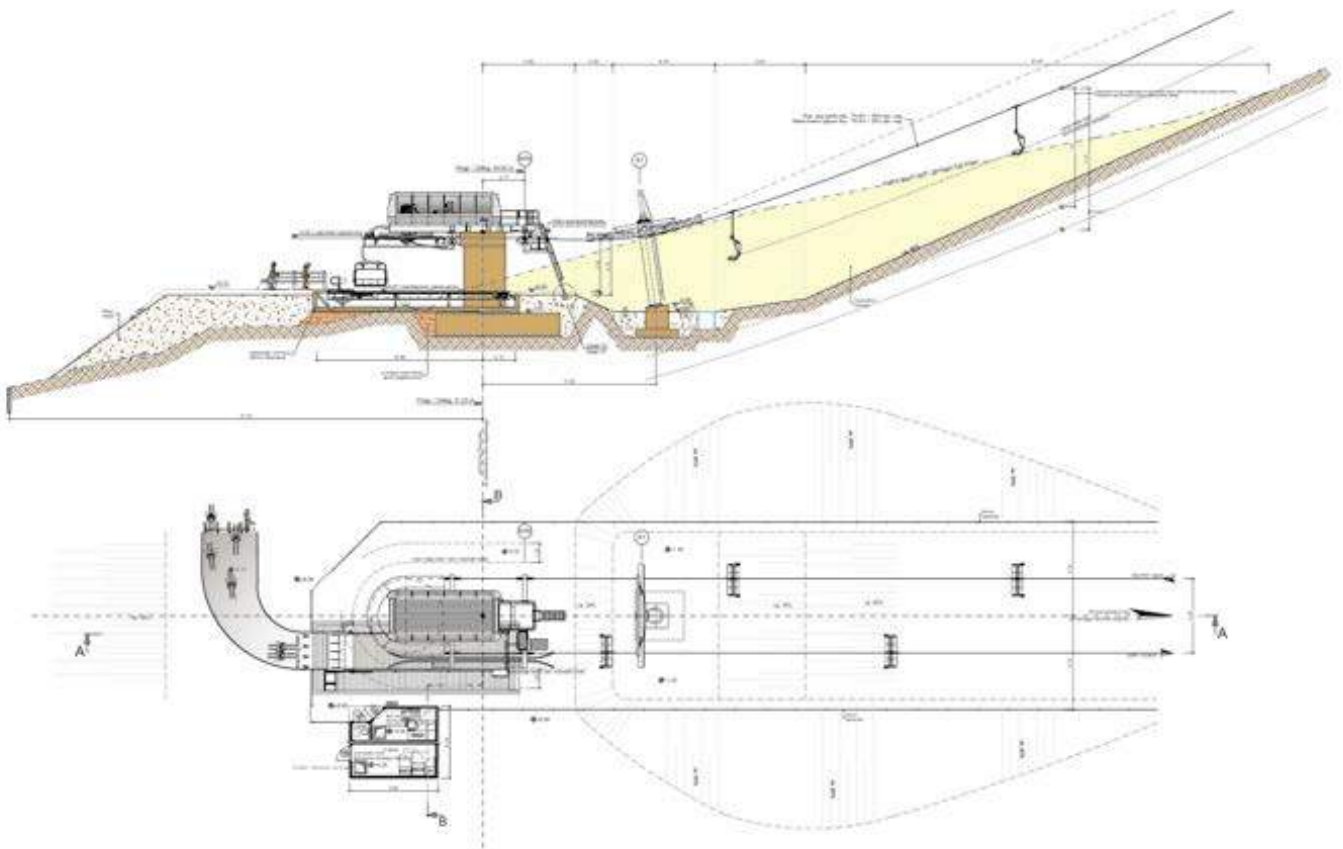




CF4 WISLA SKOLNITY

Wisla / PL

 738 m	 154 kW
 201 m	 82
 2000 p/h	 11





IF186 LÄRCHWAND

Kaprun / AT

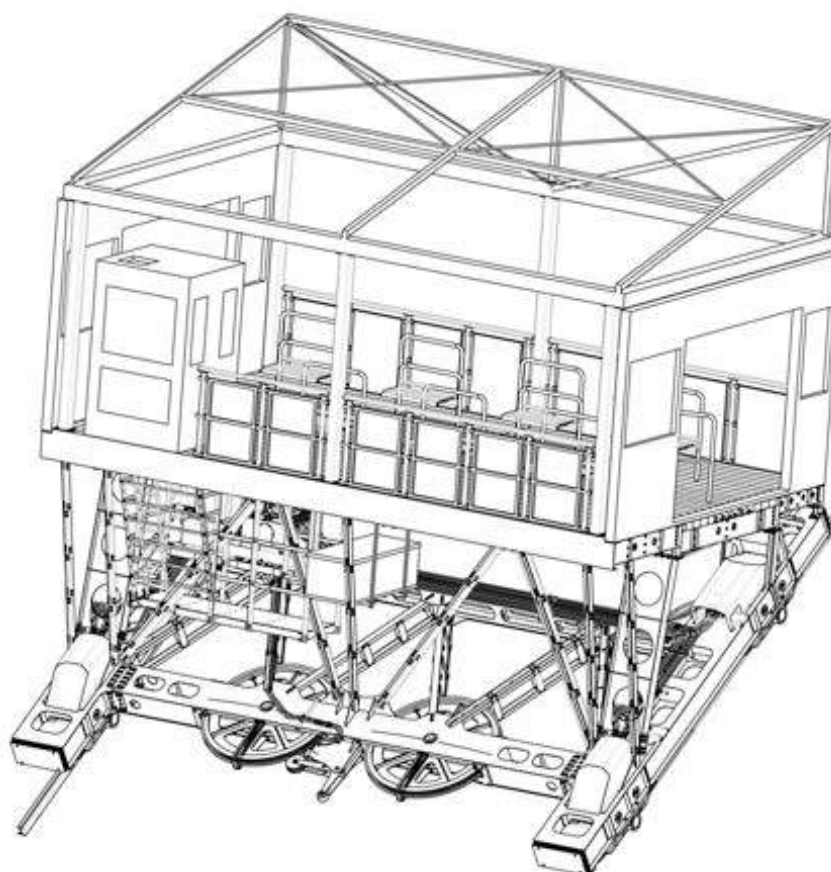
↗ 810 m

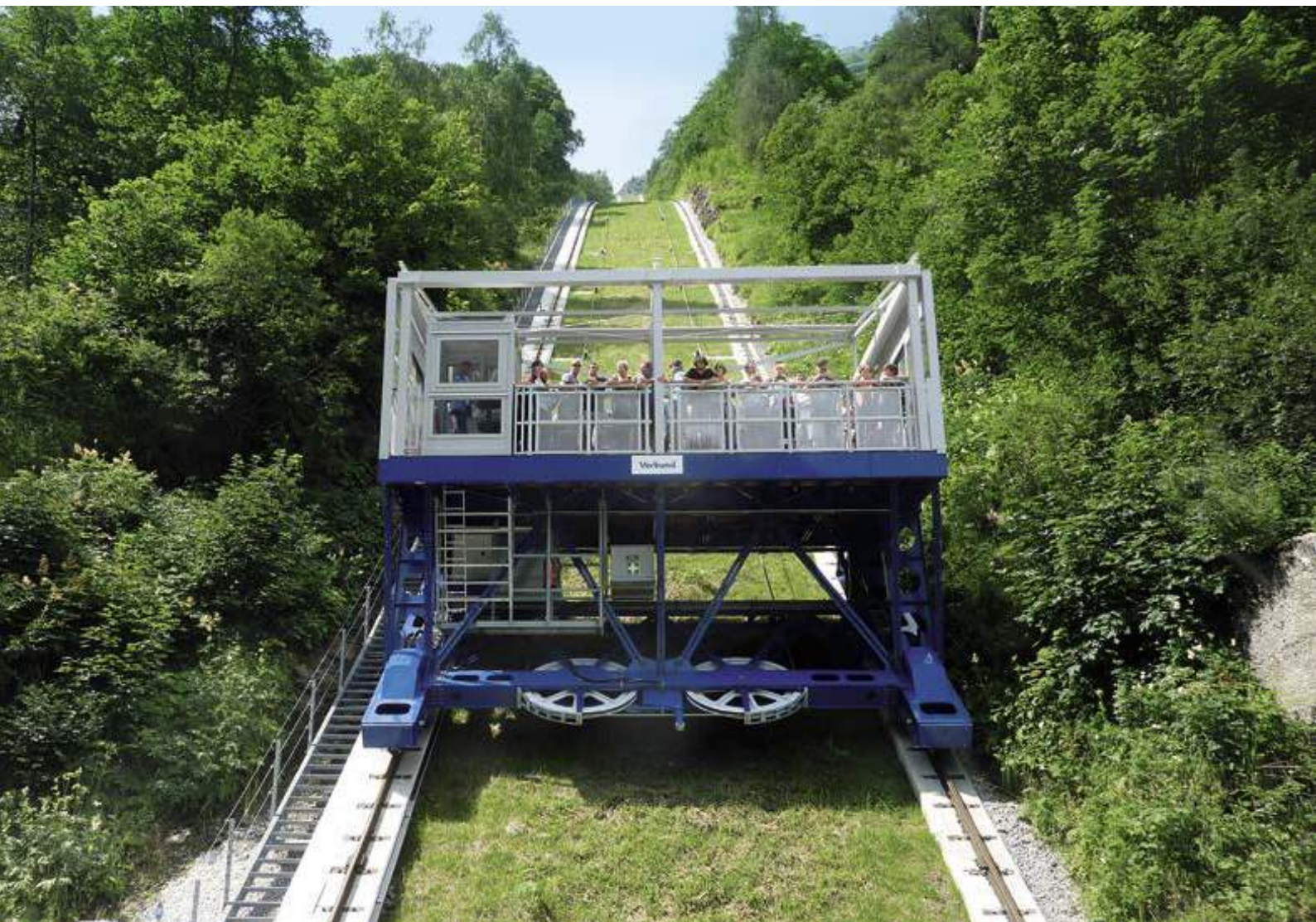
↕ 431 m

👤👤👤 900 p/h

⚙️ 2x500 kW






🚃 1

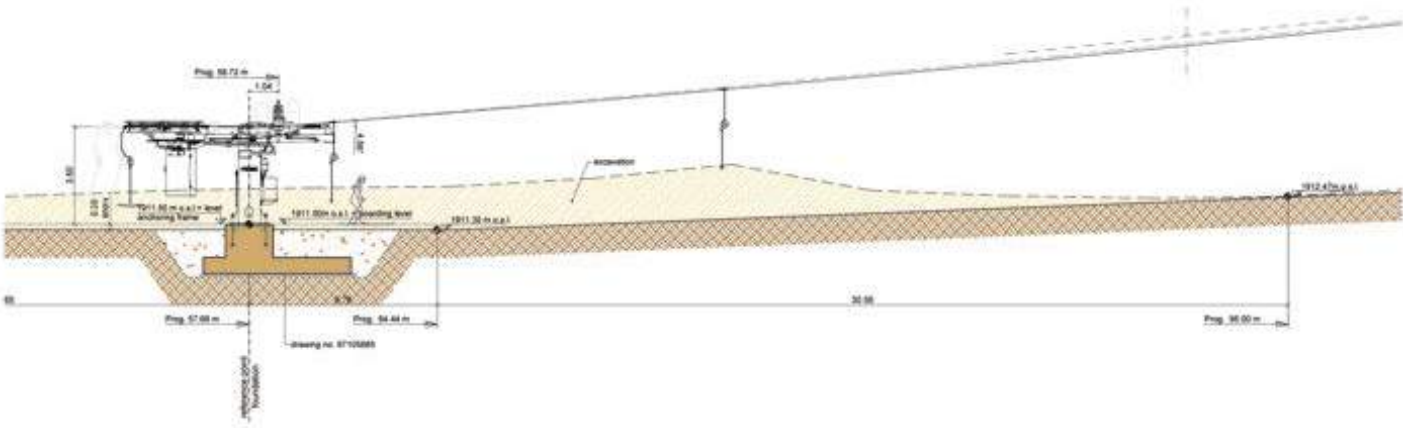




SL2 TAVAS M1

Tavas Bozdag / TR

 593 m	 38 kW
 120 m	 31
 500 p/h	 6











Successes 2014







GD10 GOLZENTIPPBAHN

Golzentipp / AT

	1679 m
	653 m
	1495 p/h
	469 kW
	27
	12







GD8 BOREST

Kolfuschg – Colfosco / IT

	1294 m
	59 m
	3300 p/h
	358 kW
	63
	11






GD8 VILLARDS

Les Arcs / FR

	573 m
	119 m
	2400 p/h
	400 kW
	26
	7






GD10 STAND-XPRESS I

Lenk / CH

	886 m
	396 m
	2400 p/h
	435 kW
	29
	8






GD8 DREI ZINNEN

Sexten – Sesto / IT

	2033 m
	655 m
	2200 p/h
	780 kW
	60
	13







GD8 BYLIFTEN

Funäsdalen / SE

	862 m
	316 m
	1474 p/h
	370 kW
	22
	7







GD10 STAND-XPRESS II

Lenk / CH

	2151 m
	627 m
	2400 p/h
	660 kW
	59
	12







GD8 STIERGARTEN

Sexten – Sesto / IT

	1791 m
	424 m
	1800 p/h
	660 kW
	50
	14







GD8 BURSA I + II

Bursa / TR

	4625 m
	1239 m
	1500 p/h
	1056 kW
	95
	25





GD10 YENIMAHALLE I + II

Ankara / TR

	1430 m
	126 m
	2400 p/h
	440 kW
	54
	12







GD8/10 MOLVENO PRADEL

Molveno / IT

	951 m
	455 m
	2000 p/h
	500 kW
	33
	9






GD8 BURSA III

Bursa / TR

	4213 m
	164 m
	1500 p/h
	424 kW
	81
	19




GFR 2-2-8 SINPAS

Ankara / TR

	417 m
	136 m
	400 p/h
	200 kW
	4
	7






CD6C PANORAMABAHN

Obertauern / AT

	911 m
	261 m
	2600 p/h
	349 kW
	49
	8







CD6C LEVI SOUTH

Levi / FI

	1711 m
	282 m
	3000 p/h
	460 kW
	99
	13







AT15 PIC DE BURE

Le Dévoluy / FR

	4040 m
	1061 m
	15 Pers. / 6000 kg
	500 kW
	2
	4







CD6C GVOZDAC

Kapaonik / CS

	1234 m
	381 m
	2400 p/h
	434 kW
	60
	11







CD6 BURON DU BAGUET

Le Lioran / FR

	1350 m
	226 m
	3000 p/h
	2 x 428
	62
	12







CD6 PRALONGIA

Corvara in Badia / IT

	1162 m
	310 m
	1800 p/h
	315 kW
	42
	11







CD6C KRČMAR

Kapaonik / CS

	1939 m
	471 m
	2400 p/h
	517 kW
	91
	14







CD6 MONT JOUX

St Gervais / FR

	999 m
	318 m
	3600 p/h
	710 kW
	62
	10







CD6 TSCHEIN

Welschnofen – Nova Levante / IT

	1885 m
	378 m
	2000 p/h
	441 kW
	74
	16







CD6C MILCHHÄUSLEXPRESS

Lenggries / DE

	1774 m
	456 m
	2800 p/h
	636 kW
	97
	15


CD6C VÄST EXPRESS

Vemdalen / SE

	1177 m
	319 m
	2800 p/h
	350 kW
	56
	11



CD6C ROHACE EXPRESS

Zuberec Rohace Spalen / SK

	1948 m
	460 m
	2400 p/h
	537 kW
	92
	16







CD4C SIVAS M3

Sivas / TR

	1636 m
	504 m
	1002 p/h
	250 kW
	48
	10







CF4 WISLA SKOLNITY

Wisla / PL

	738 m
	201 m
	2000 p/h
	154 kW
	82
	11







CD4 EKSPRESSHEIS RØLDAL

Roldal / NO

	1158 m
	264 m
	2200 p/h
	270 kW
	76
	11






CD4C TAVAS M2

Tavas Bozdog / TR

	1664 m
	391 m
	1000 p/h
	263 kW
	49
	11







SL2 SIVAS M1

Sivas / TR

	804 m
	155 m
	597 p/h
	39 kW
	48
	8







CD4C CANKIRI

Ilgaz / TR

	862 m
	192 m
	1498 p/h
	193 kW
	40
	9







CD4C TAVAS M3

Tavas Bozdog / TR

	1411 m
	343 m
	900 p/h
	178 kW
	37
	8





SL2 TAVAS M1

Tavas Bozdog / TR

	593 m
	120 m
	500 p/h
	38 kW
	31
	6



CD4C SIVAS M2

Sivas / TR

	2226 m
	594 m
	1186 p/h
	353 kW
	77
	14


CF4 VALDELINARES

Valdelinares / ES

	947 m
	216 m
	2030 p/h
	195 kW
	105
	11







SL1 DONICO

Castione della Presolana / IT

	213 m
	56 m
	900 p/h
	21 kW
	43
	2






SL1 FURSETTREKK








Stranda / NO

	924 m
	282 m
	783 p/h
	75 kW
	127
	9

IF186 LÄRCHWAND

Kaprun / AT

	810 m
	431 m
	900 p/h
	2x500 kW
	1

	inclined length
	vertical rise
	transport capacity
	power
	total number of vehicles
	total number of towers
	total number of vehicles

LEITNER ropeways



Sterzing (Italy)



Sterzing (Italy)



Telfs (Austria)



Montmélian (France)



Grand Junction (USA)



Stará Ľubovňa (Slovakia)



