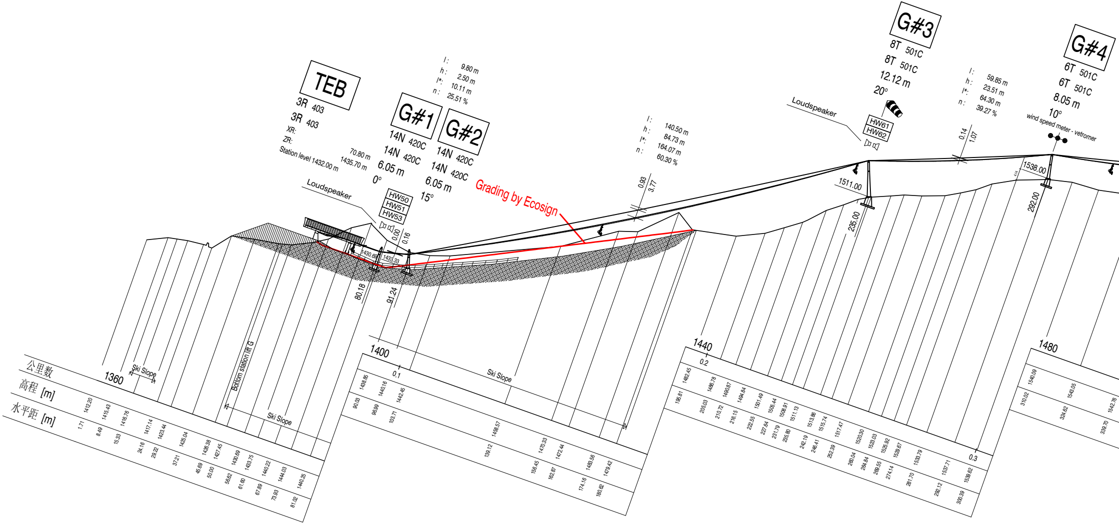
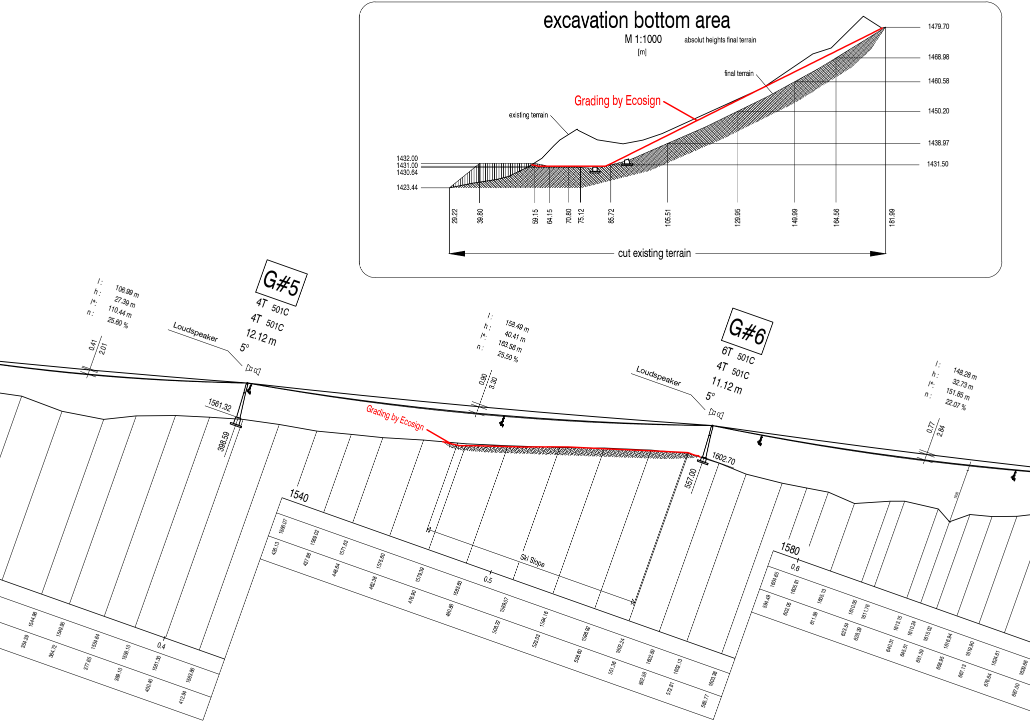
Instruction Signs

HW51 - Id.Nr.:10643531 = Symbol "open restraining bar"
HW50 - Id.Nr.:10643658 = Symbol "close restraining bar"
HW53 - Id.Nr.:10643458 = Symbol "lift ski tips"
HW61 - Id.Nr.:10646227 = Symbol "do not swing"
HW62 - Id.Nr.:10643476 = Symbol "do not jump off"


TEB
3R 403
3R 403
XR:
ZR:
Station level 1432.00 m
70.80 m
1435.70 m
Loudspeaker
G#1
14N 420C
14N 420C
6.05 m
0°
HW50
HW51
HW53
0.00
0.16
G#2
14N 420C
14N 420C
6.05 m
15°
l : 9.80 m
h : 2.50 m
l*: 10.11 m
n : 25.51 %
Grading by Ecosign
1430.69
1433.33
80.18
91.24
l : 140.50 m
h : 84.73 m
l*: 164.07 m
n : 60.30 %
0.93
3.77
Loudspeaker
G#3
8T 501C
8T 501C
12.12 m
20°
HW61
HW62
1511.00
235.00
l : 59.85 m
h : 23.51 m
l*: 64.30 m
n : 39.27 %
0.14
1.07
G#4
6T 501C
6T 501C
8.05 m
10°
wind speed meter - vetromer
1538.00
4.14
292.00
公里数
高程 [m]
水平距 [m]
1360
Ski Slope
Bottom station lift G
Ski Slope
1412.20
1415.43
1416.76
1417.14
1423.44
1425.04
1426.38
1427.45
1430.69
1433.75
1440.22
1444.03
1440.25
1.71
8.49
15.33
24.16
29.22
37.21
45.69
50.00
56.62
61.60
67.89
73.93
81.02
1400
0.1
Ski Slope
1438.85
1440.16
1442.45
1458.57
1470.33
1472.44
1483.56
1479.42
90.03
96.99
103.71
139.12
156.45
162.87
174.16
180.62
1440
0.2
1482.45
1486.78
1490.87
1494.84
1501.49
1505.44
1508.91
1511.13
1513.86
1515.74
1517.47
1520.30
1523.03
1525.92
1529.67
1533.79
1537.71
1539.62
195.81
205.03
210.72
216.15
222.55
227.64
231.79
235.80
242.19
246.41
252.39
260.04
264.84
269.55
274.14
281.70
292.12
300.39
0.3
1480
1540.09
1543.05
1542.76
310.02
324.62
339.70



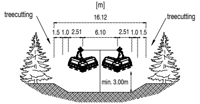
excavation bottom area

M 1:1000 [m]

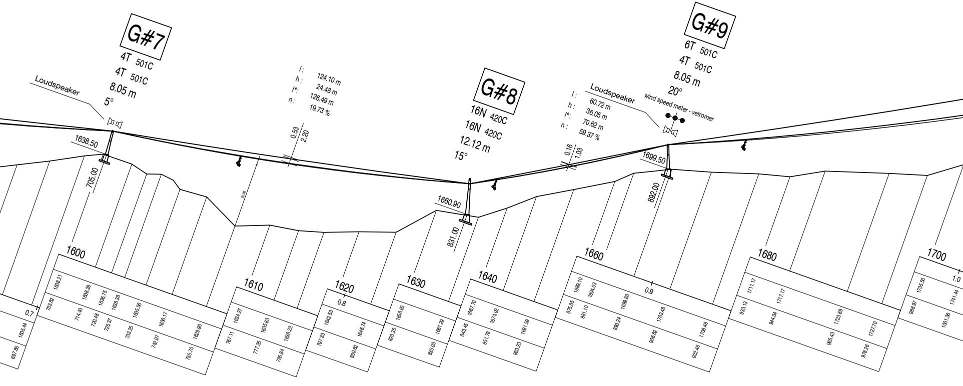
absolut heights final terrain
final terrain
Grading by Ecosign
existing terrain
1479.70
1468.98
1460.58
1450.20
1438.97
1431.50
1432.00
1431.00
1430.64
1423.44
29.22
39.80
59.15
64.15
70.80
75.12
85.72
105.51
129.95
149.99
164.56
181.99
cut existing terrain
l: 106.99 m
h: 27.39 m
l*: 110.44 m
n: 25.60 %
0.41
2.01
Loudspeaker
G#5
4T 501C
4T 501C
12.12 m
5°
1561.32
398.59
l: 158.49 m
h: 40.41 m
l*: 163.56 m
n: 25.50 %
0.90
3.30
Grading by Ecosign
Loudspeaker
G#6
6T 501C
4T 501C
11.12 m
5°
1602.70
557.00
l: 148.28 m
h: 32.73 m
l*: 151.85 m
n: 22.07 %
0.77
2.84
1540
Ski Slope
0.4
0.5
1580
0.6
1544.98
1549.95
1554.64
1558.10
1561.30
1563.86
354.39
364.72
377.65
389.10
400.40
412.94
1566.07
1569.02
1571.63
1575.60
1579.39
1583.63
1589.07
1594.16
1598.92
1602.24
1602.59
1602.13
1603.38
426.13
437.86
448.64
462.38
476.90
490.88
508.22
523.03
538.60
551.36
562.58
572.81
585.77
1604.65
1605.81
1605.13
1610.05
1611.76
1613.15
1610.24
1615.02
1616.94
1619.90
1624.61
1629.66
594.49
602.05
611.99
623.54
628.29
640.31
645.51
651.39
658.95
667.13
676.64
687.00

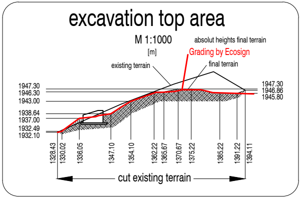
horizontal clearance

M 1:500
swaying of 35 %
[m]


treecutting
treecutting
16.12
1.5 1.0 2.51
6.10
2.51 1.0 1.5
min. 3.00m

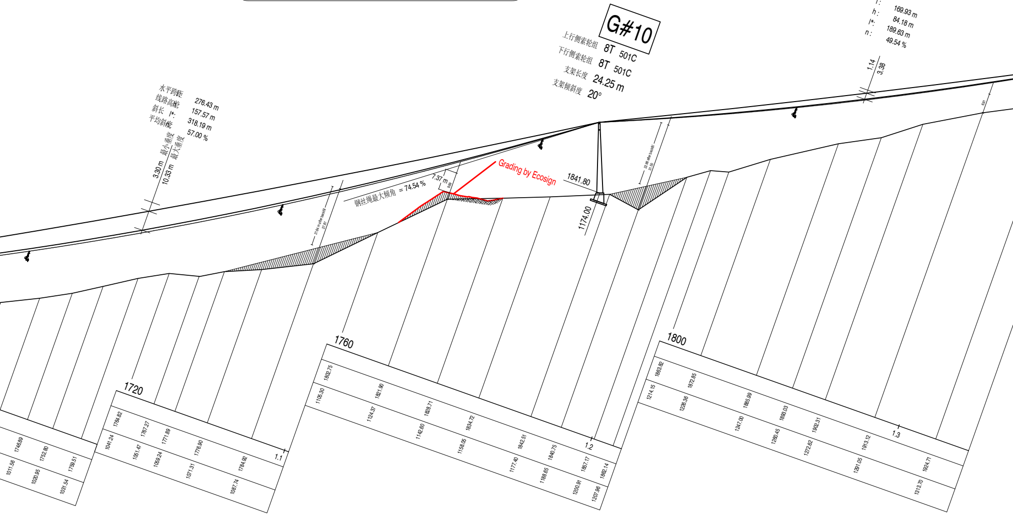
cut existing terrain accordingly


G#7
4T 501C
4T 501C
8.05 m
5°
Loudspeaker
1638.50
705.00
l : 124.10 m
h : 24.48 m
l*: 126.49 m
n : 19.73 %
0.53
2.20
G#8
16N 420C
16N 420C
12.12 m
15°
1660.90
831.00
l : 60.72 m
h : 36.05 m
l*: 70.62 m
n : 59.37 %
0.16
1.03
Loudspeaker
G#9
6T 501C
4T 501C
8.05 m
20°
wind speed meter - vetromer
1699.50
892.00
0.7
1635.44
697.85
1600
1638.21
1638.28
1636.75
1638.38
1635.56
1636.17
1629.90
703.82
714.43
720.48
725.37
733.25
742.97
755.70
1610
1634.27
1635.83
1638.22
767.11
777.25
785.84
1620
0.8
1642.53
1646.74
797.33
809.62
1630
1658.65
1661.29
820.35
835.03
1640
1667.70
1674.92
1681.59
843.45
851.78
863.23
1660
0.9
1689.10
1694.03
1699.80
1703.48
1708.48
875.85
881.10
893.24
906.62
922.46
1680
1711.17
1717.17
1723.89
1727.70
933.13
944.04
965.43
978.26
1700
1.0
1735.50
1741.44
988.97
1001.36



excavation top area

M 1:1000
[m]
absolut heights final terrain
Grading by Ecosign
existing terrain
final terrain
1947.30
1946.30
1943.00
1938.64
1937.00
1932.49
1932.10
1947.30
1946.86
1945.80
1328.43
1330.02
1336.05
1347.10
1354.10
1362.22
1365.67
1370.67
1375.22
1385.22
1391.22
1394.11
cut existing terrain



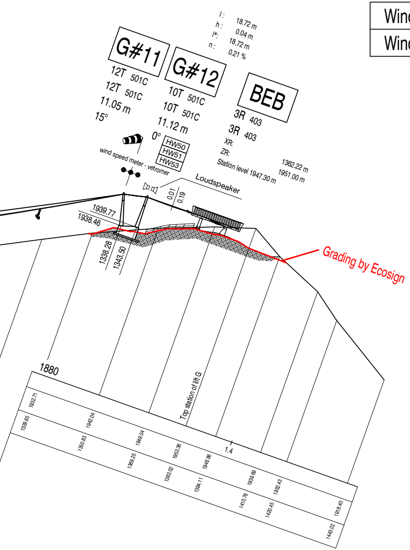
水平跨距
线路高差
斜长 l*:
平均斜度
276.43 m
157.57 m
318.19 m
57.00 %
最小垂度 3.30 m
最大垂度 10.33 m
21.64 m after backfill
27.87
钢丝绳最大倾角 = 74.54 %
7.37 m
9.89
Grading by Ecosign
1841.80
1174.00
G#10
上行侧索轮组 8T 501C
下行侧索轮组 8T 501C
支架长度 24.25 m
支架倾斜度 20°
22.66 after backfill
31.50
l :
h :
l*:
n :
169.93 m
84.18 m
189.63 m
49.54 %
1.14
3.38
6.91
1720
1760
1800
1.1
1.2
1.3
1746.89
1752.80
1759.51
1011.56
1020.95
1031.54
1764.82
1767.27
1771.89
1776.90
1784.92
1041.24
1051.47
1059.24
1071.31
1087.74
1802.75
1821.90
1828.71
1834.72
1842.51
1840.75
1857.17
1862.14
1105.30
1124.37
1142.60
1158.05
1177.40
1188.65
1200.91
1207.96
1863.82
1872.85
1885.99
1893.03
1902.31
1913.12
1924.71
1214.15
1226.36
1247.00
1260.45
1272.62
1291.05
1313.70

Rope gauge on line	
Tower: G#1 to G#12	6.10 m

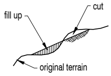
Windsock on tower: G#3, G#11

Windspeedmeter on tower: G#4, G#9, G#11

Attention: For the detailed terrain level in the station areas and the exit ramp please refer to the station layouts


l :
h :
l*:
n :
18.72 m
0.04 m
18.72 m
0.21 %
G#11
12T 501C
12T 501C
11.05 m
15°
G#12
10T 501C
10T 501C
11.12 m
0°
HW50
HW51
HW53
BEB
3R 403
3R 403
XR:
ZR:
Station level 1947.30 m
1362.22 m
1951.00 m
wind speed meter - vetromer
Loudspeaker
0.01
0.19
1939.77
1938.46
1338.28
1343.50
Grading by Ecosign
1880
Top station of lift G
1.4
1932.71
1329.65
1942.04
1350.83
1949.04
1369.25
1953.36
1383.02
1946.86
1394.11
1939.69
1410.76
1932.43
1420.45
1918.40
1443.02

Ground corrections


fill up
cut
original terrain

纵断面图来源：:
纵断面图文件：: WAA0004996_Yanqing_G_Profile_2017-11-28.gel
索道文件：: WAA0004996_Yanqing_Lift-G_2018-05-23_DMW_b.cld
计算程序：: CIN:1527092873

Doppelmayr®

纵断面图
Profile

6-CLD/B Yanqing Lift G

索道位置: Yanqing Alpine Center
Location

上山侧 Uphill Side	左 Left	运载索直径 Ø Haul Rope	48 mm
驱动站 Drive Station	下站 Bottom	驱动轮直径 Ø Drive Bullwheel	6.10 m
张紧站 Tension Station	下站 Bottom	回转轮直径 Ø Return Bullwheel	6.10 m
回转站 Return Station	上站 Top	线路索距 Rope Gauge on Line	6.10 m
水平长度 Horizontal Length	1291.42 m	驱动功率 Drive Output Continuous	419 kW
线路高差 Vertical Rise	515.30 m	启动功率 Drive Output Starting	532 kW 0.15 m/s²
平均斜度 Average Grade	39.90 %	制动功率输出 Drive Output Braking	-510 kW -1.00 m/s²
钢丝绳最大倾角 Max. Rope Inclination	74.54 %	驱动站标高 Elevation of Drive Station	1436 m
线路斜长 Inclined Length	1405.80 m	上行运送能力 Uphill Transportation	100 %
线路钢丝绳总长 Spliced Rope Length	2865.15 m	下行运送能力 Downhill Transportation	50 %

	终期 Final
运行速度 Drive Speed	5.00 m/s
运量 Capacity	1200 P/h
吊具数量 Number of Carriers	34
吊具间距 Carrier Spacing	90.00 m
吊具间隔 Carrier Interval	18.00 s
运行时间 Trip Time	5.06 min

b	Adjustments after final design confirmation	2018-05-23	WILC
a	Adjustments after detailed examination + acc. Ecosign	2018-03-15	WILC
Index	修改	日期	姓名

项目号		设计	比例	图号
WAA0004996	2018-02-26	WILC	1:1000	20007366P500100 b

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