



# Remarkables Gondola

E300 Series

**FOR FASTRACK APPLICATION**

	REVISION	DESCRIPTION	DATE
	C	For information	28/11/25

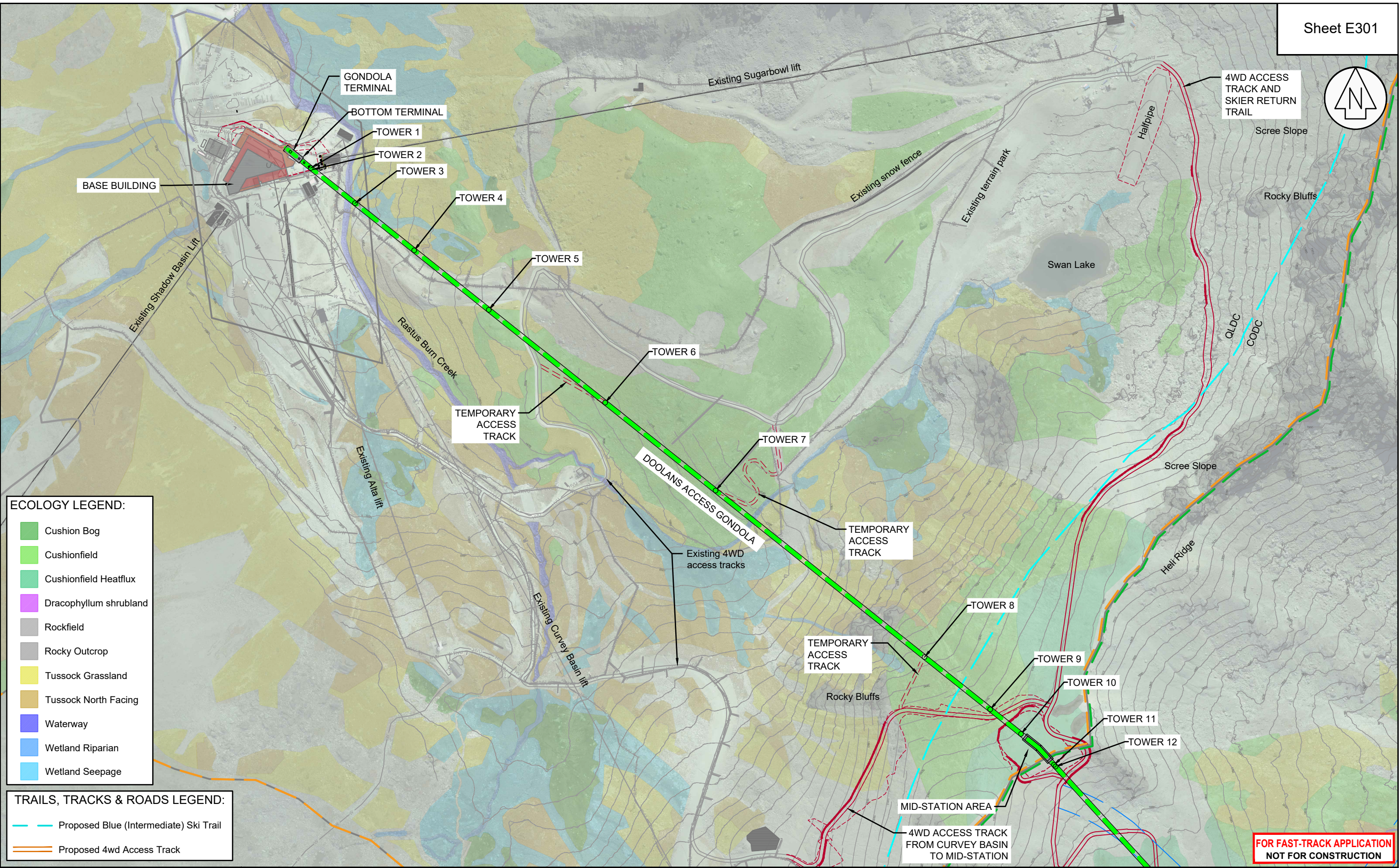
**Remarkables Ski Area Upgrades & Doolans Basin Expansion  
General Arrangements  
Section Cover**

		SCALE																			
<table border="1"> <tr> <td>DESIGNED</td> <td>DATE</td> <td>CHECKED</td> <td>DATE</td> </tr> <tr> <td>AJHB/TN</td> <td>28/11/25</td> <td>MB</td> <td>07/03/25</td> </tr> <tr> <td> </td> <td> </td> <td>APPROVED</td> <td>DATE</td> </tr> <tr> <td> </td> <td> </td> <td>AJHB</td> <td>28/11/25</td> </tr> </table>	DESIGNED	DATE	CHECKED	DATE	AJHB/TN	28/11/25	MB	07/03/25			APPROVED	DATE			AJHB	28/11/25	<table border="1"> <tr> <td>SHOWING REFERENCE</td> <td>REVISION</td> </tr> <tr> <td>A30043_E7</td> <td>G</td> </tr> </table>	SHOWING REFERENCE	REVISION	A30043_E7	G
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A30043_E7	G																				

Level 2 Broward House, 21 Broward St, Wanaka, Ph: (03) 443 5077, Email: contact@southernland.co.nz, www.southernland.co.nz  
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**ECOLOGY LEGEND:**

- Cushion Bog
- Cushionfield
- Cushionfield Heatflux
- Dracophyllum shrubland
- Rockfield
- Rocky Outcrop
- Tussock Grassland
- Tussock North Facing
- Waterway
- Wetland Riparian
- Wetland Seepage

**TRAILS, TRACKS & ROADS LEGEND:**

- Proposed Blue (Intermediate) Ski Trail
- Proposed 4wd Access Track

FOR FAST-TRACK APPLICATION  
NOT FOR CONSTRUCTION



REVISION	DESCRIPTION	DATE
H	For Consent	30/01/26
I	For Consent	03/03/26
J	For Consent	16/04/26
K	For Consent	06/05/26

**Remarkables Ski Area Upgrades & Doolans Basin Expansion**  
**Remarkables Gondola**  
**Rastus Burn Side**



SCALE  
1:4,500 @ A3

DATUM & LEVEL  
NZTM

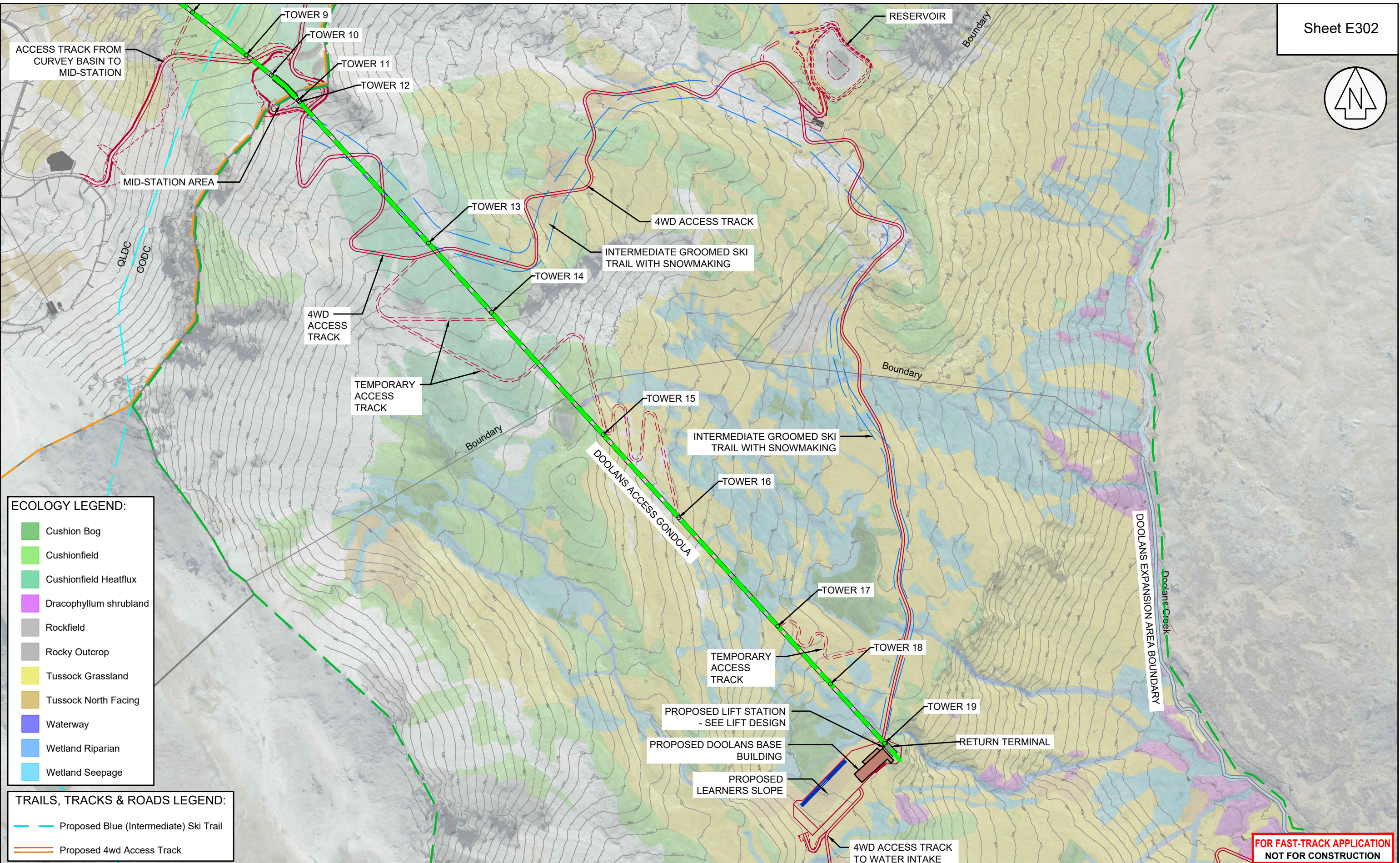
LEVEL IN TERMS OF DV088  
ORIGIN DAT XI DIP XXXXX RL = XXXXX

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SURVEYED	DATE	CHECKED	DATE	DRAWN	DATE	APPROVED	DATE	DRAWING REFERENCE	REVISION
-	-	AJHB	06/05/26	TN/MS	06/05/26	AJHB	06/05/26	A30043_E7	K



**FOR FAST-TRACK APPLICATION  
NOT FOR CONSTRUCTION**



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### Remarkables Ski Area Upgrades & Doolans Basin Expansion Remarkables Gondola Doolans Side



SCALE  
1:5,500 @ A3

DATUM & LEVEL  
NZTM

LEVEL IN TERMS OF DV088  
ORIGIN DAT XI DP XXXXX RL = XXXXX

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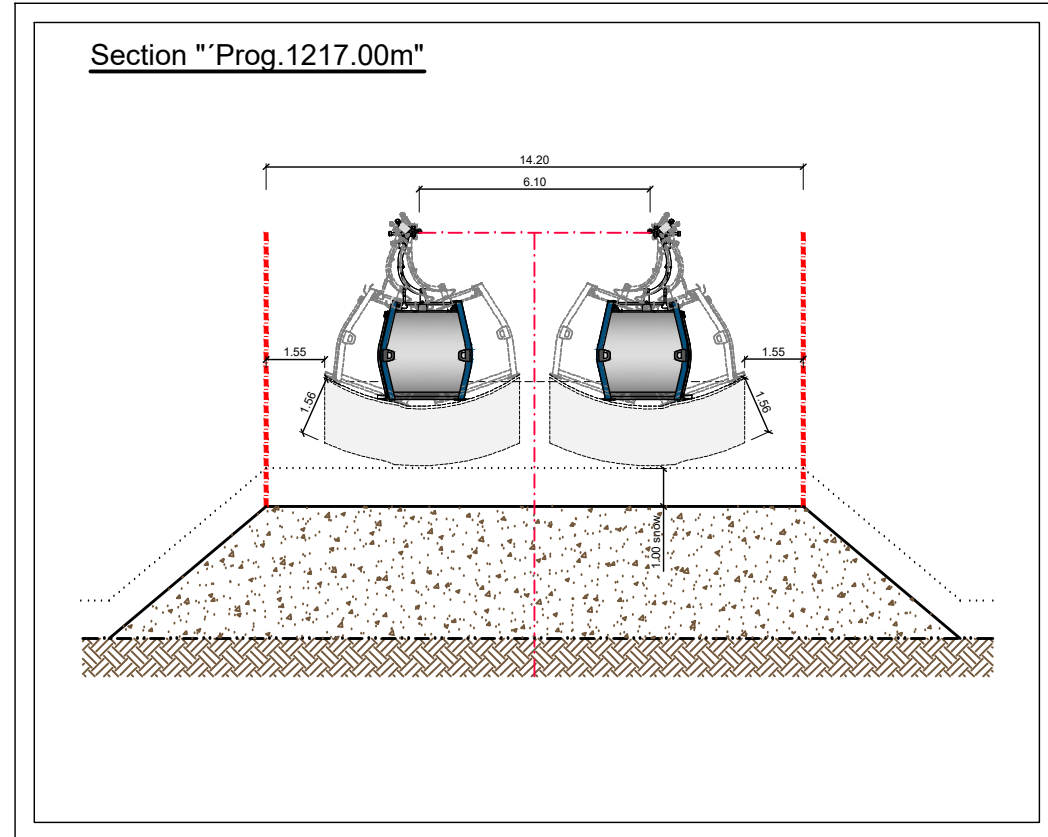
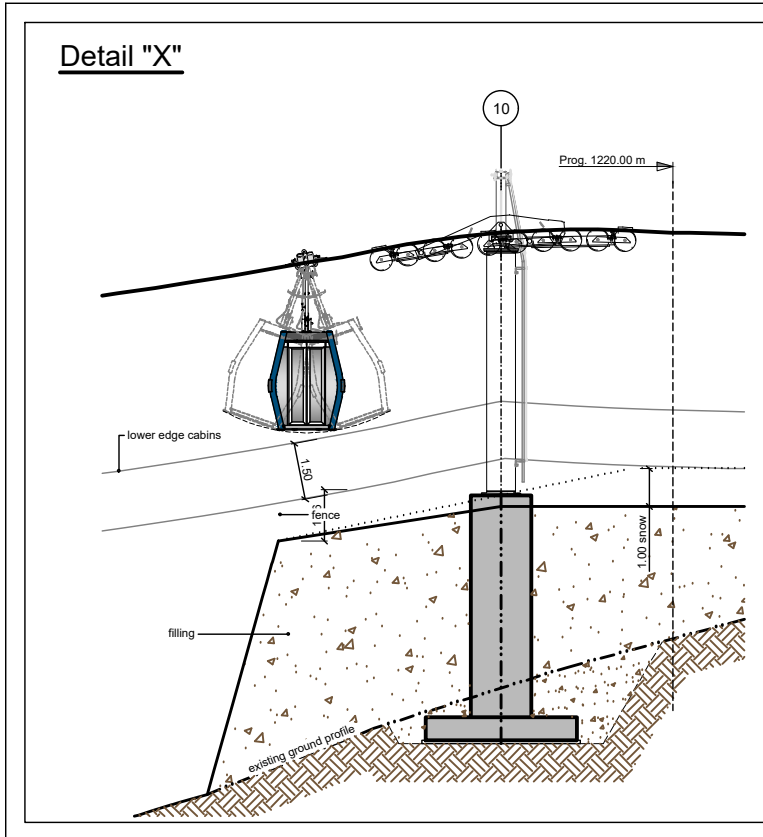


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-	-	AJHB	06/05/26
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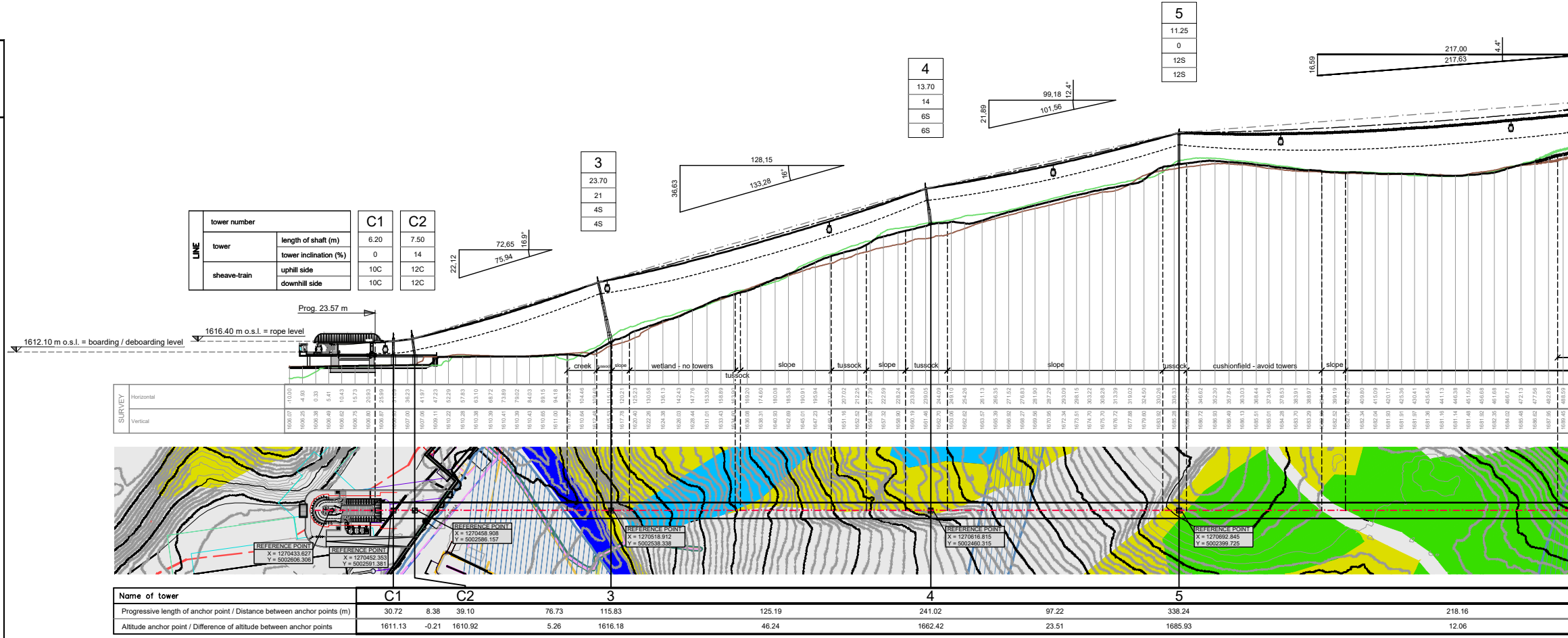
DRAWING REFERENCE  
A30043\_E7

REVISION  
K



**CO-ORDINATE SYSTEM**  
 NZTM2000 / ESPG: 2193

TECHNISCHE DATEN TECHNICAL DATA			
LAGE ANTRIEB	TAL		
POSITION OF DRIVE	BOTTOM		
LAGE SPANNUNG	BERG		
POSITION OF TENSIONING	TOP		
DREHRICHTUNG	GEGENUHRZEIGERSINN		
SENSE OF ROTATION	COUNTERCLOCKWISE		
FAHRZEUGTYP	DIAMOND EVO-B03 XLine deep		
TYPE OF CARRIER			
HORIZONTALE LÄNGE	2663,43	m	
HORIZONTAL LENGTH			
HÖHENUNTERSCHIED	21,40	m	
VERTICAL RISE			
SCHRÄGE LÄNGE	2756,46	m	
DEVELOPED LENGTH			
SEILDURCHMESSER	52	mm	
ROPE DIAMETER			
MAXIMALE DAUERLEISTUNG / DURCHSCHNITTLICHE DAUERLEISTUNG	838 / 478	kW	
MAXIMUM RATED POWER OF MAIN MOTOR / AVERAGE RATED POWER OF MAIN MOTOR			
ANFAHRLISTUNG	1040	kW	
STARTING POWER OF MAIN MOTOR			
SPANNKRAFT	670	kN	
NOMINAL TENSION			
SPURWEITE	6,10	m	
LINE GAUGE			
ANFANGSAUSBAU			
FÖRDERLEISTUNG	2000	P/h	2400
UPHILL CAPACITY			
FAHRGESCHWINDIGKEIT	6,00	m/s	6,00
OPERATING SPEED			
FAHRZEUGABSTAND	108,00	m	90,00
DISTANCE BETWEEN CARRIERS			
FOLGEZEIT	18,00	s	15,00
TIME INTERVAL BETWEEN CARRIERS			
FAHRZEUGANZAHL	65		78
NUMBER OF CARRIERS			
FAHRZEIT	8' 31"		8' 31"
TRAVEL TIME			



**GD10 DOOLANS ACCESS LIFT**      NZ

VARIANT - I

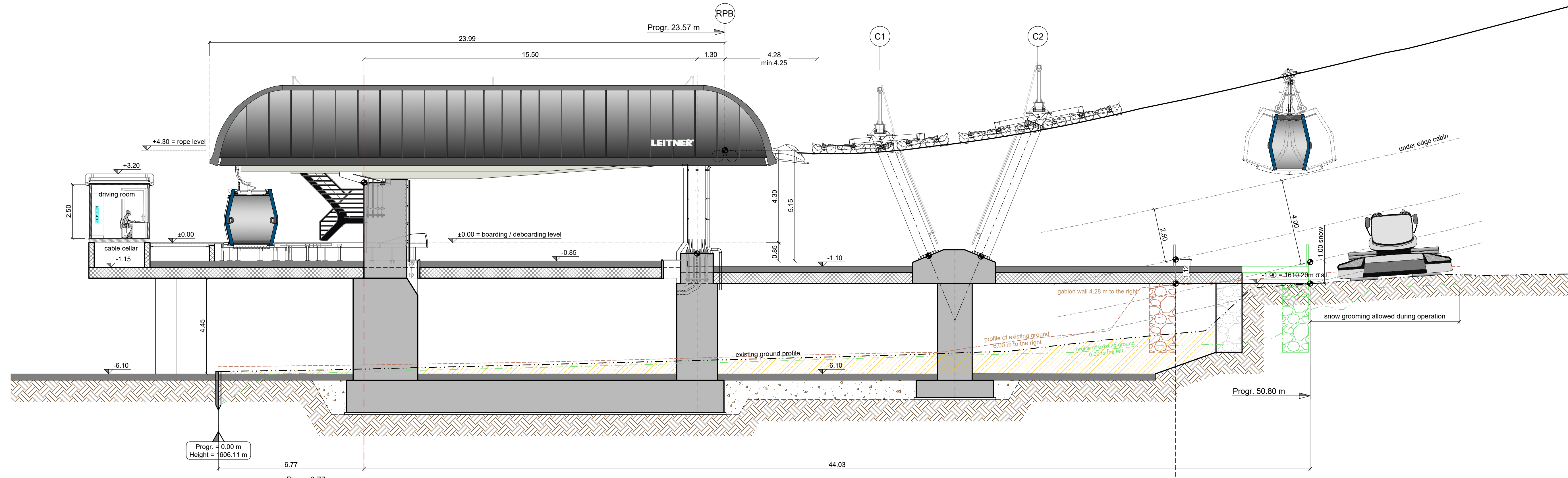
LÄNGENSCHNITT  
LONGITUDINAL PROFILE

FORMAT / FORMAT	A1	GEZEICHNET / DESIGNED BY	Hanni Valentin	KONTROLLIERT / CHECKED BY	Untertthiner Aaron
DATE / DATE	25/09/2025	ZEICHNUNG / DRAWING	77057478/02		
MASSSTAB / SCALE	1:1000				

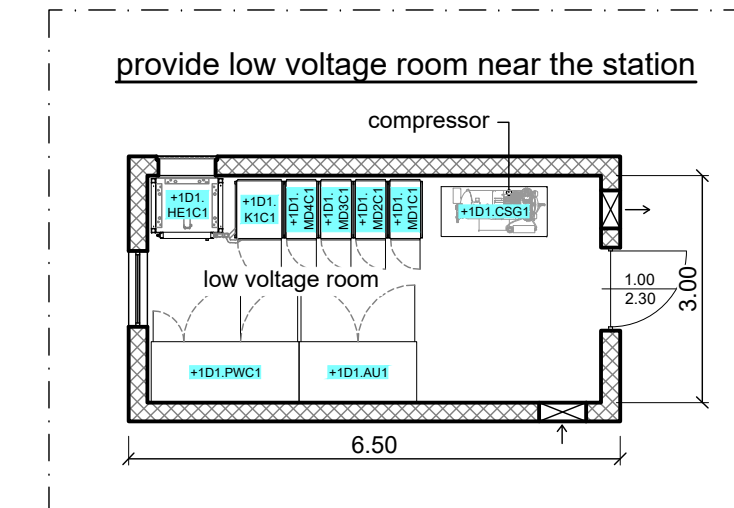
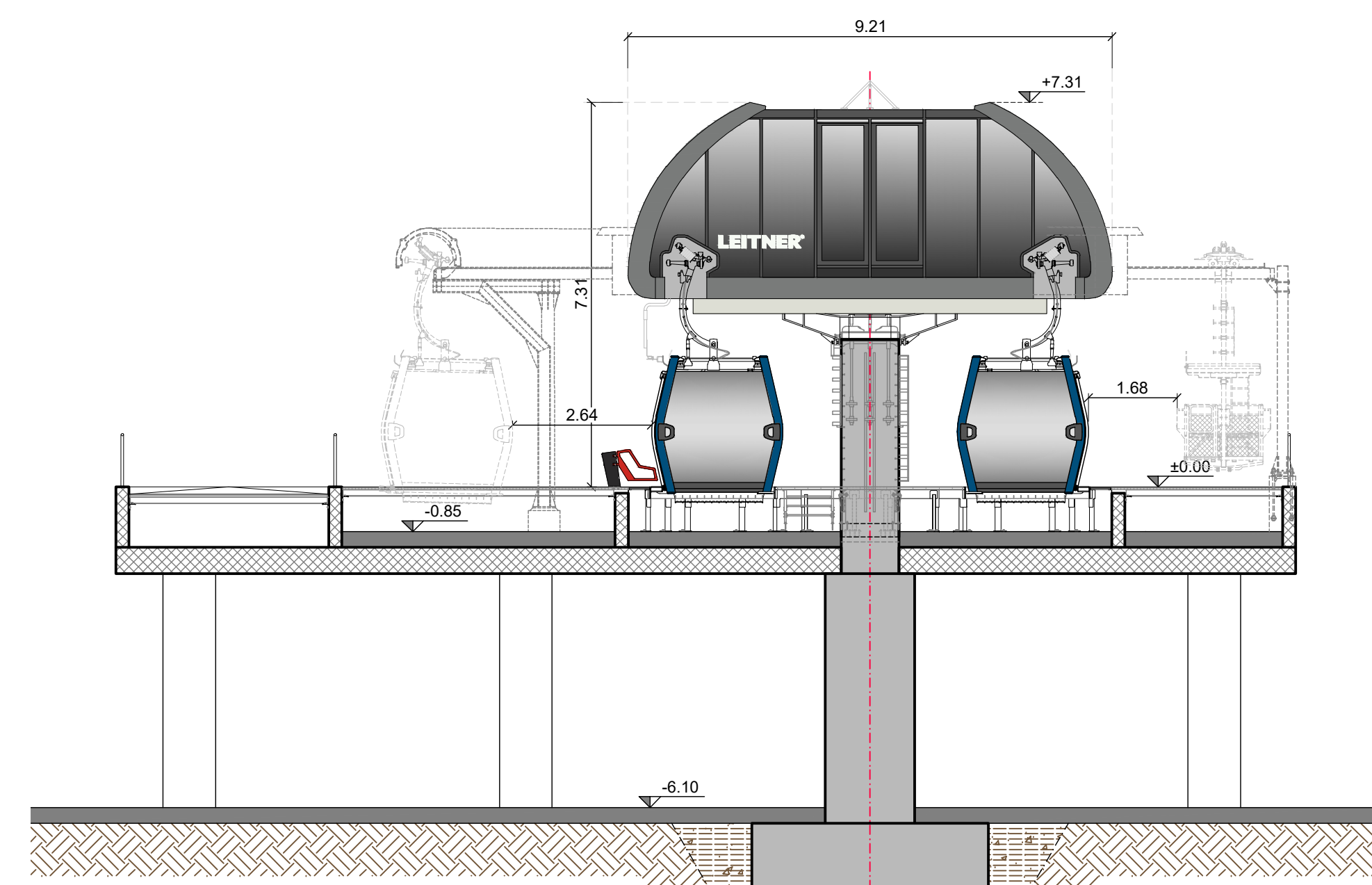
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- Bogensehne  
chordline
- - - Durchhang Abfahrtsseite - FZG leer - T0  
sag downhill side - empty vehicle @ T0
- - - Durchhang Auffahrtsseite - FZG voll - T0  
sag uphill side - full vehicle @ T0
- Unterkante Fahrzeug bei max. Durchhang inkl. Dynamik - T0 -8%  
lowest part of vehicle by max. sag incl. dynamic @ T0 -8%
- - - 6.00 m rechts - Geländeverlauf  
6.00 m at the right - ground profile
- - - 6.00 m links - Geländeverlauf  
6.00 m at the left - ground profile

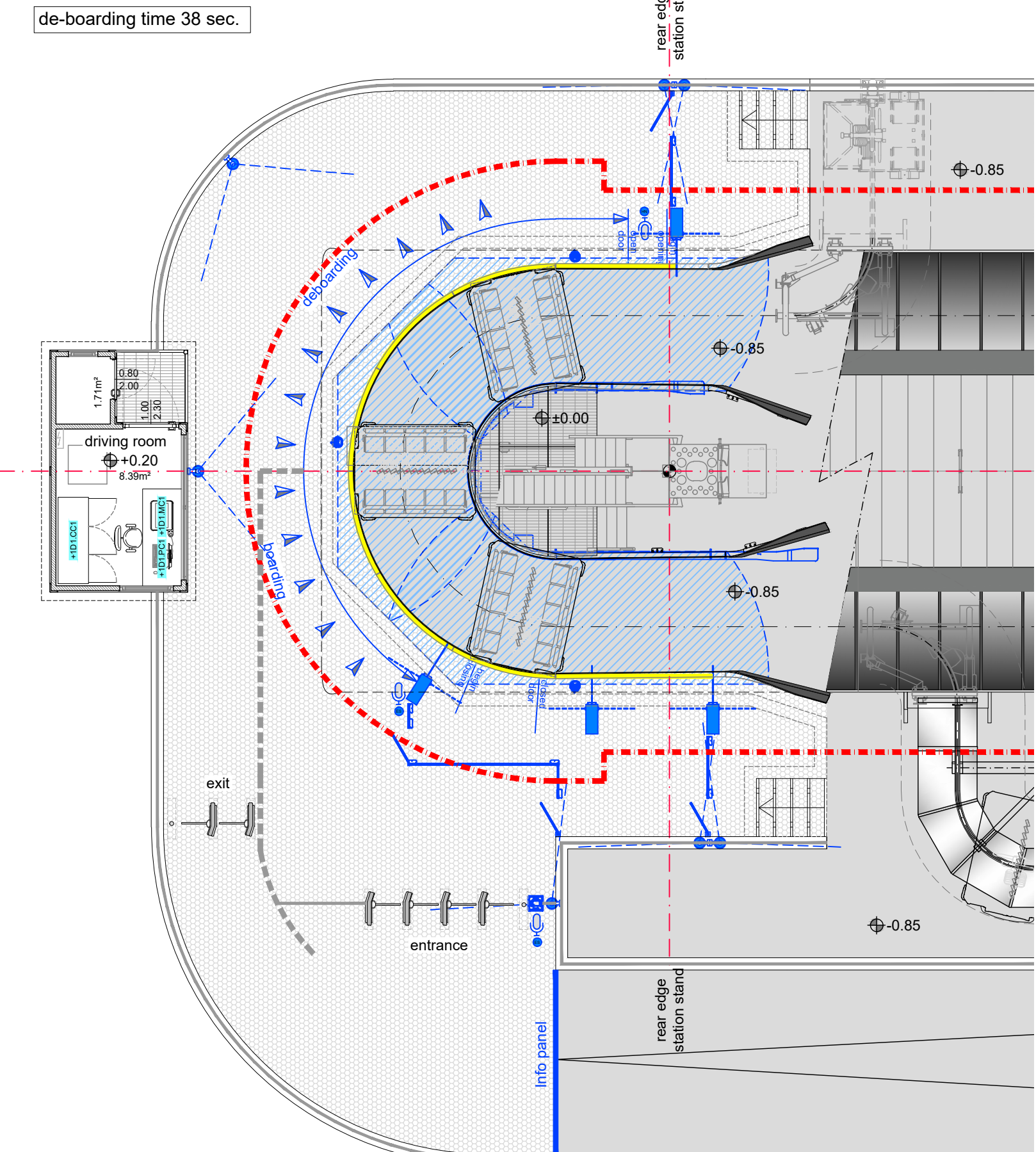
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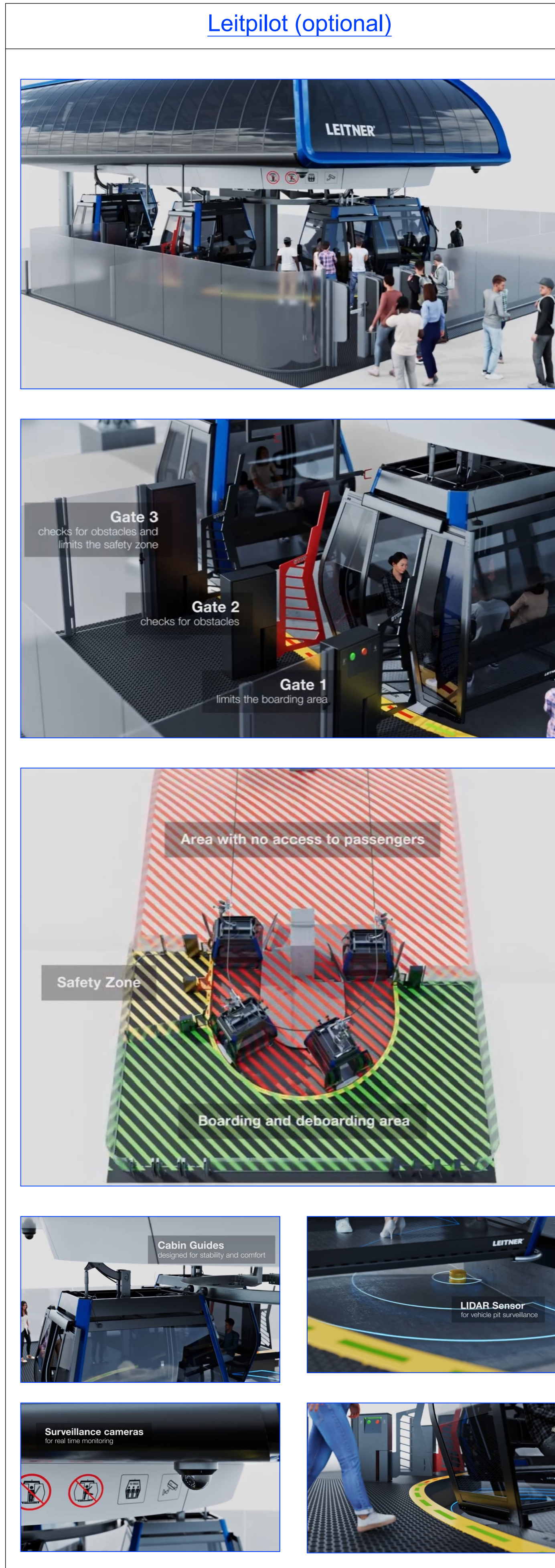
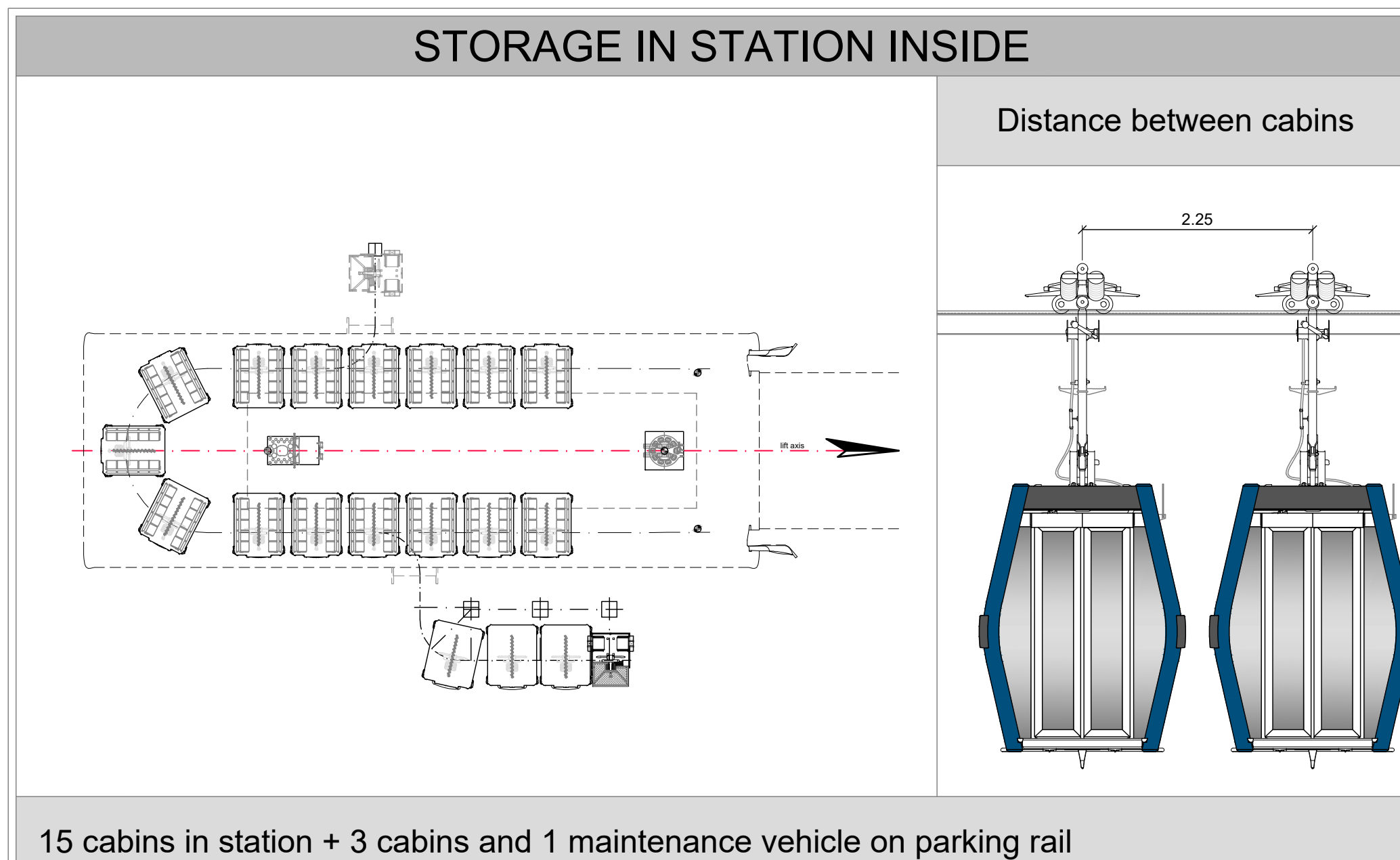
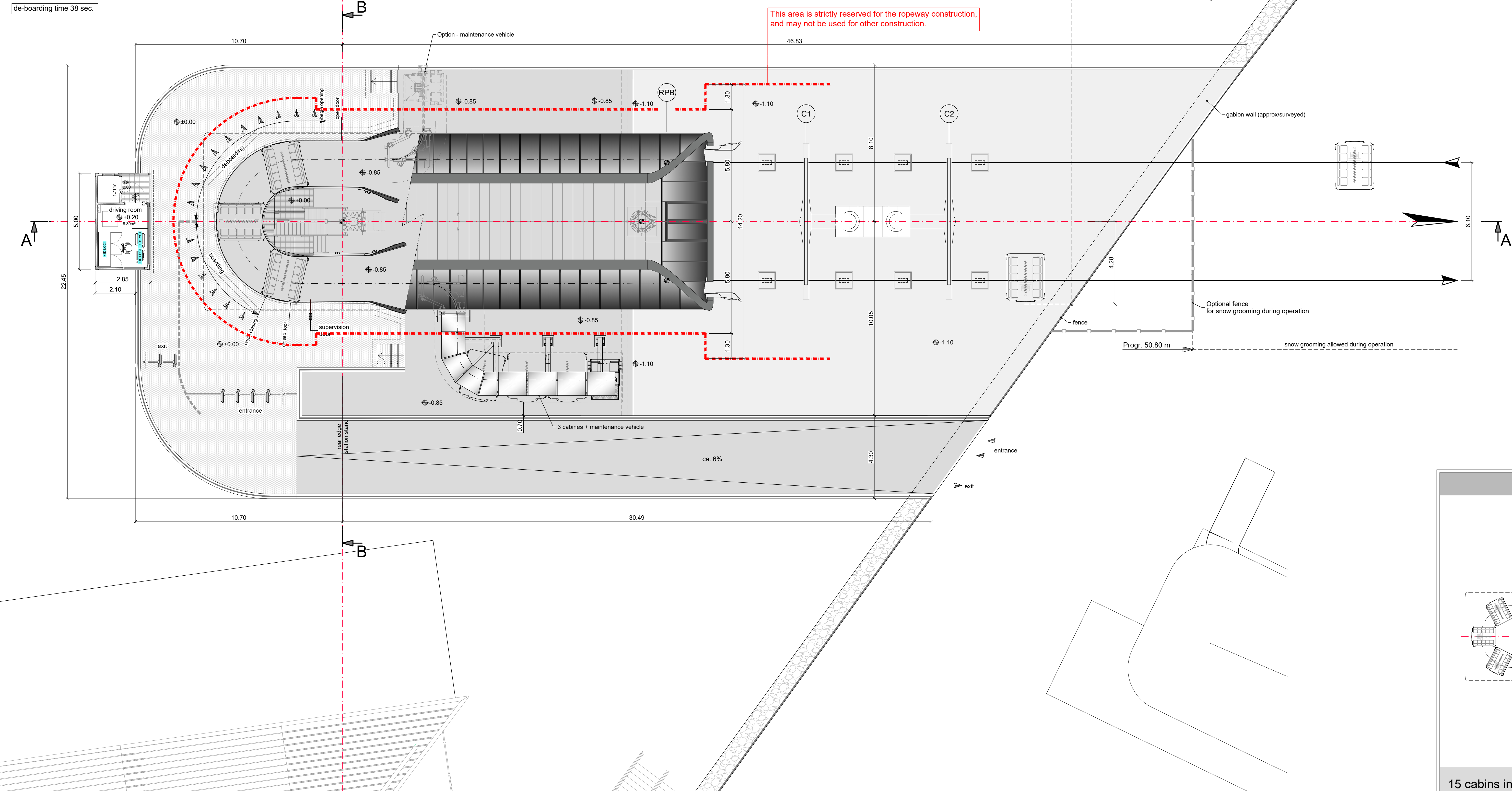
Section "B-B"



Top view "Leitpilot"



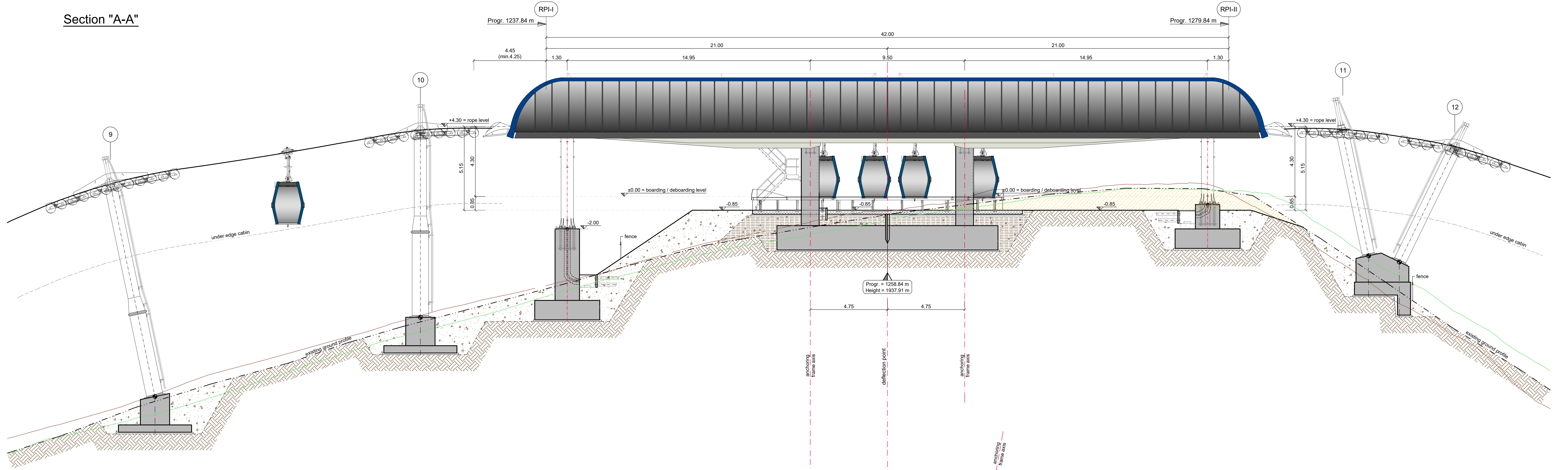
Top view



<ul style="list-style-type: none"> <li>new construction for ropeway</li> <li>new auxiliary construction</li> <li>protective concrete</li> <li>existing</li> <li>excavation</li> <li>filling</li> <li>compact earth filling</li> <li>demolition</li> </ul>	<p><b>BOARDING / DEBOARDING LEVEL (RUBBER MAT)</b> ±0.00 = 1612.10 m o.s.l.</p> <table border="1"> <tr> <td>STATION TYPE</td> <td>DRIVE STATION FIXED</td> </tr> <tr> <td>UPHILL CAPACITY</td> <td>2400 P/h</td> </tr> <tr> <td>OPERATING SPEED</td> <td>6,00 m/sec</td> </tr> <tr> <td>TYPE OF CARRIER</td> <td>DIAMOND EVO-B03 XLine deep</td> </tr> <tr> <td>SKI RACK</td> <td>INSIDE</td> </tr> </table>	STATION TYPE	DRIVE STATION FIXED	UPHILL CAPACITY	2400 P/h	OPERATING SPEED	6,00 m/sec	TYPE OF CARRIER	DIAMOND EVO-B03 XLine deep	SKI RACK	INSIDE
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UPHILL CAPACITY	2400 P/h										
OPERATING SPEED	6,00 m/sec										
TYPE OF CARRIER	DIAMOND EVO-B03 XLine deep										
SKI RACK	INSIDE										
<p>GD10 DOOLANS ACCESS LIFT</p>											
<p>ANORDNUNG - TALSTATION LAYOUT - BOTTOM STATION</p>											
<p>LEITNER</p>											
<p>DATE: 26/09/2025 SCALE: 1:100</p>	<p>PROJECT NO.: 77057425/00</p>										

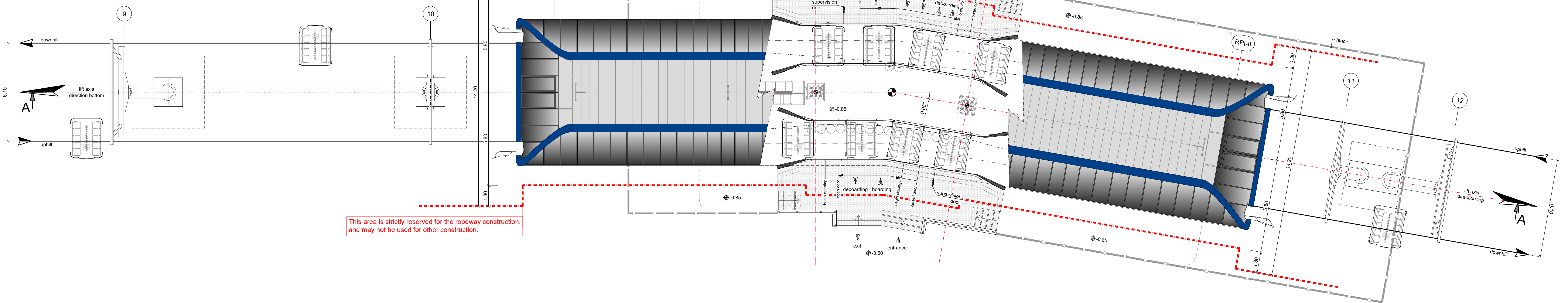


Section "A-A"



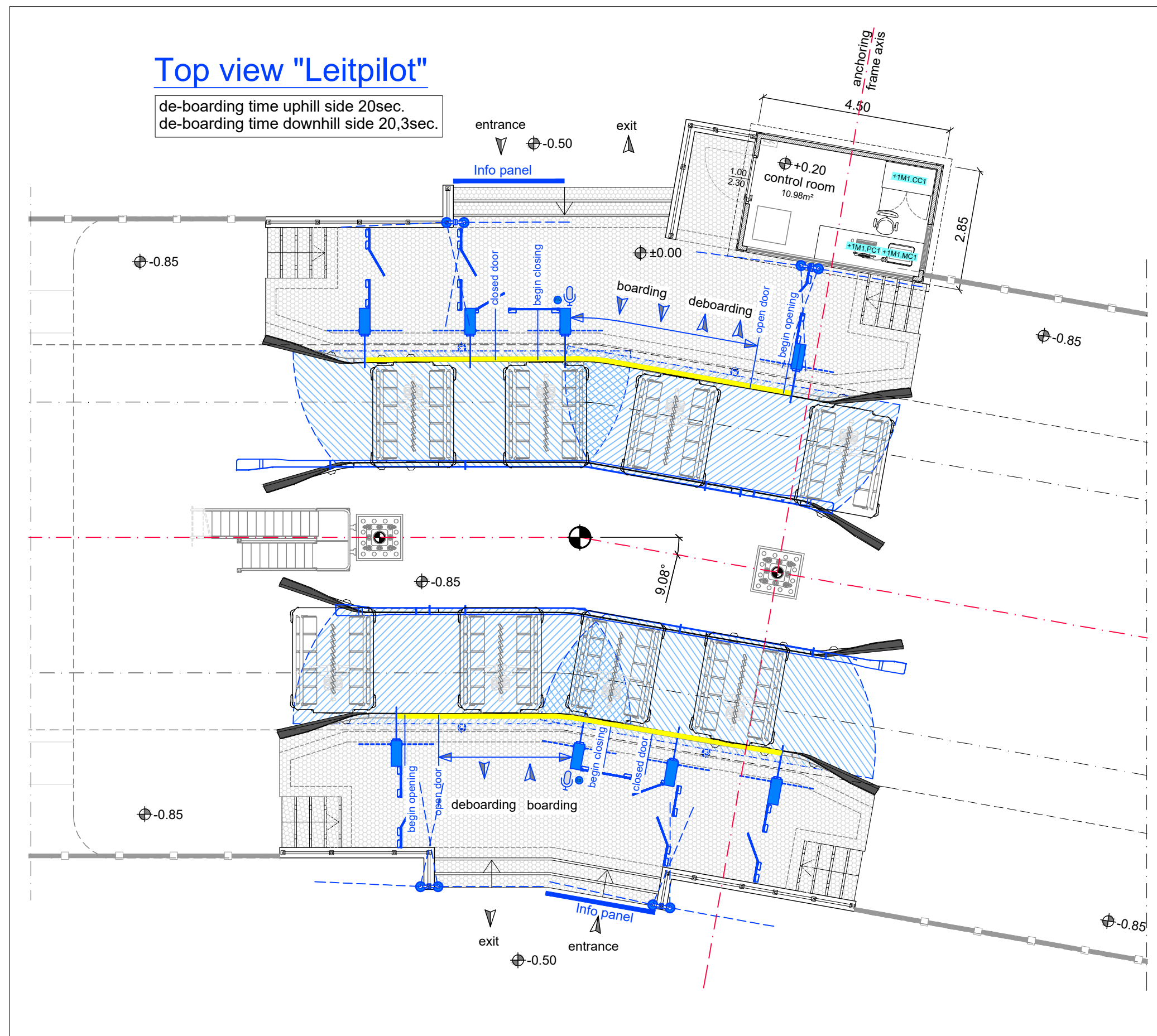
Top view

de-boarding time uphill side 20sec.  
de-boarding time downhill side 20,3sec.



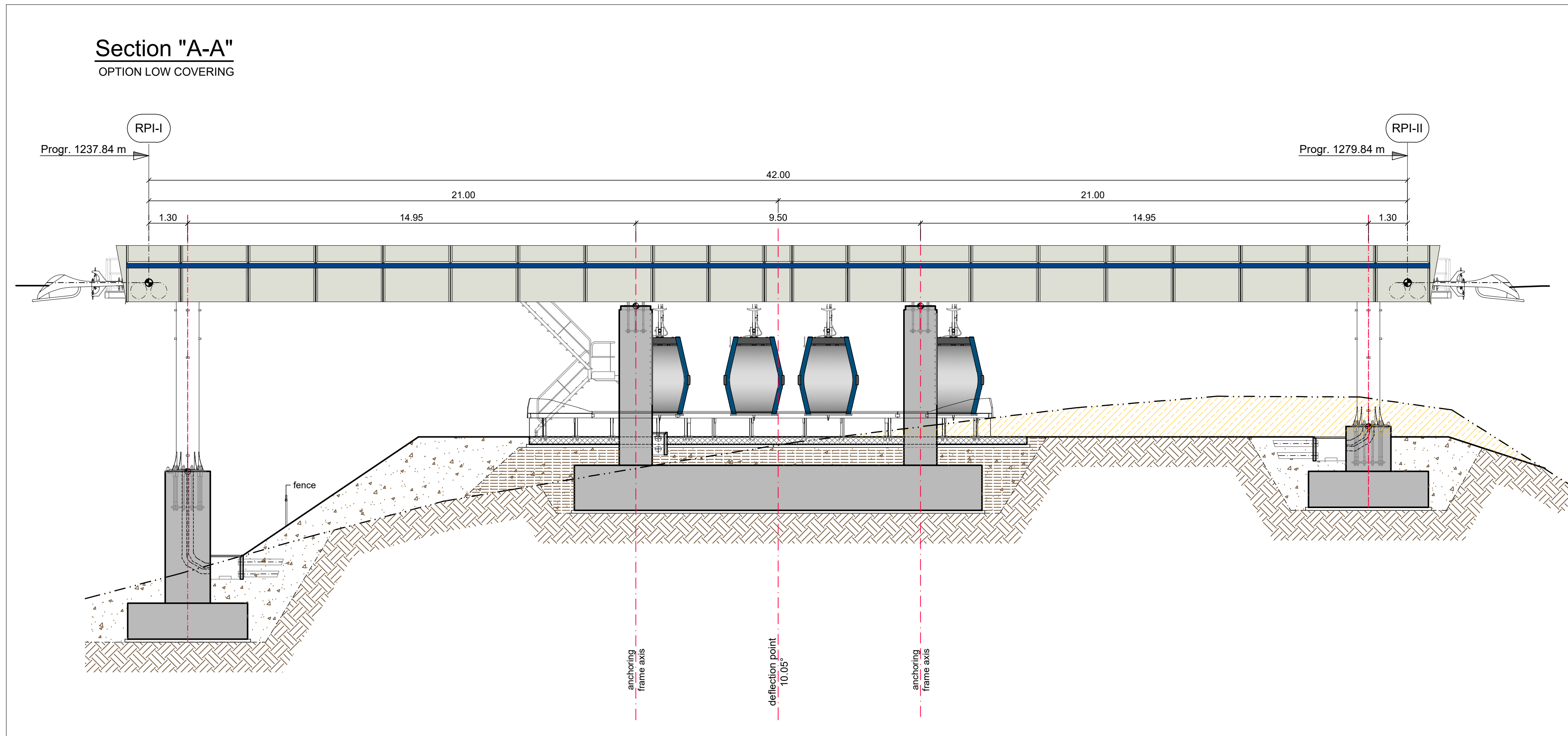
Top view "Leitpilot"

de-boarding time uphill side 20sec.  
de-boarding time downhill side 20,3sec.



Section "A-A"

OPTION LOW COVERING



new construction for ropeway	excavation
new auxiliary construction	filling
protective concrete	compact earth filling
existing	demolition

**BOARDING / DEBOARDING LEVEL (RUBBER MAT)**  
±0.00 = 1939.00 m o.s.l.

UPHILL CAPACITY	2400 P/h
OPERATING SPEED	6,00 m/sec
TYPE OF CARRIER	DIAMOND EVO-B03 XLine deep
SKI RACK	INSIDE

REV	Änderungen / Modification	DATE	NAME	SCALE

GD10 DOOLANS ACCESS LIFT		NZ
ANORDNUNG - ZWISCHENSTATION LAYOUT - INTERMEDIATE STATION		VARIANT - I

LEITNER	FORMAT / FORMAT: A0	DESIGNER / DESIGNED BY: Hanni Valentin	OWNER / CHECKED BY: Gasser Luis
DATE / DATE: 25/09/2025	SCALE: 1:100	PROJECT / DRAWING: 77057443/00	

INTERMEDIATE STATION  
 o.s.l. = rope level  
 o.s.l. = boarding / deboarding level

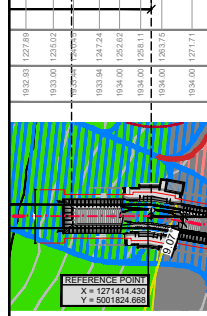
11	12
6.25	6.90
0	-14
8S	10S
8S	10S



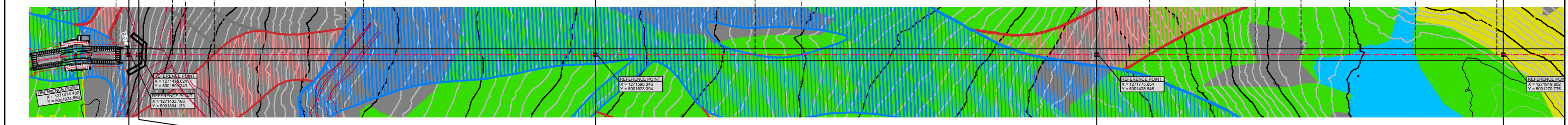
13
22.50
-14
8S
8S

14
20.75
-14
8S
8S

15
14.20
-21
8S
8S



10
15.45
32.00

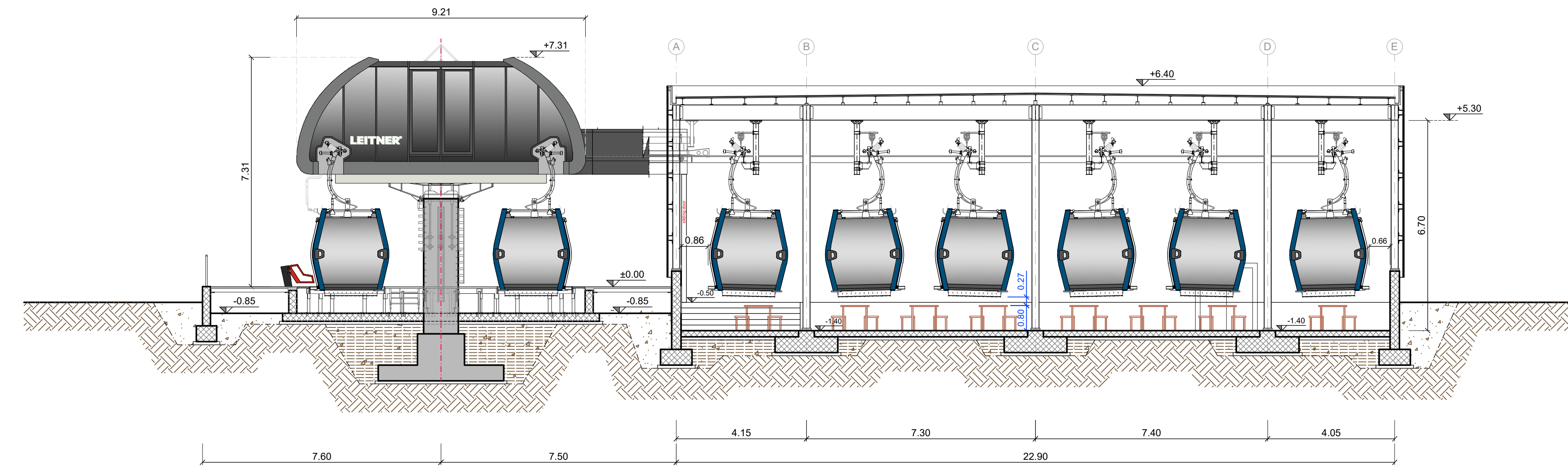
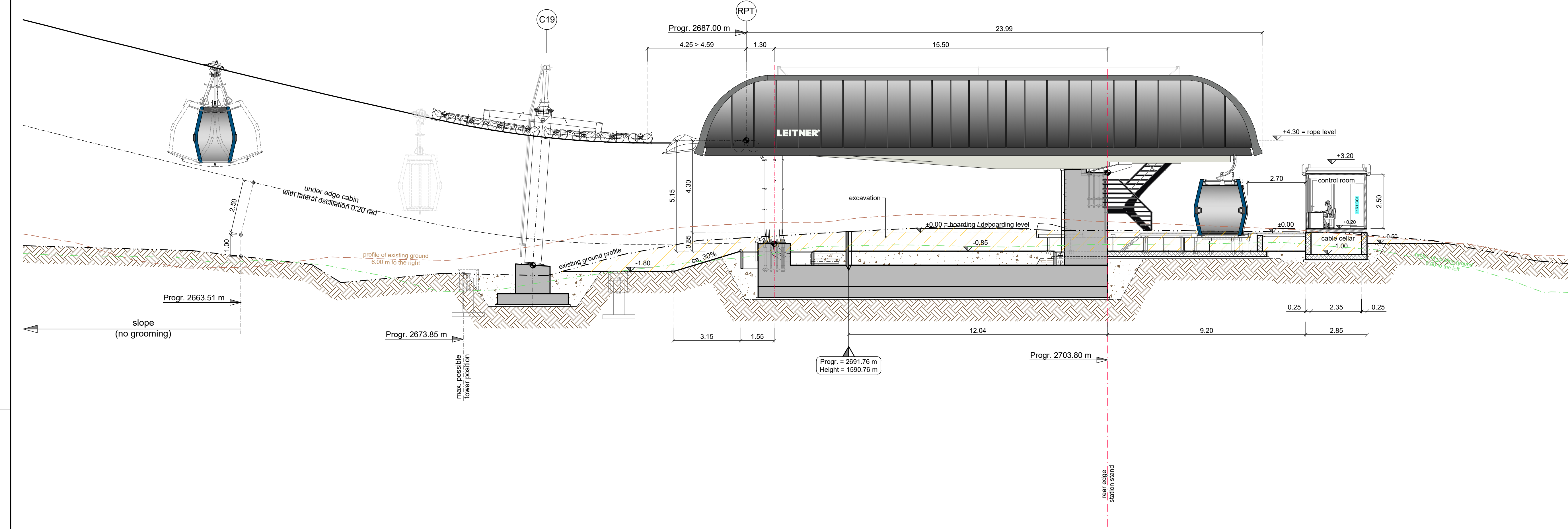


11	12	13	14	15
1288.74	5.13	1293.07	239.94	1533.61
1932.83	-2.01	1930.82	-74.08	1856.74
			263.38	1797.19
			-62.88	1793.86
				213.55
				-47.63
				2010.74
				1746.23

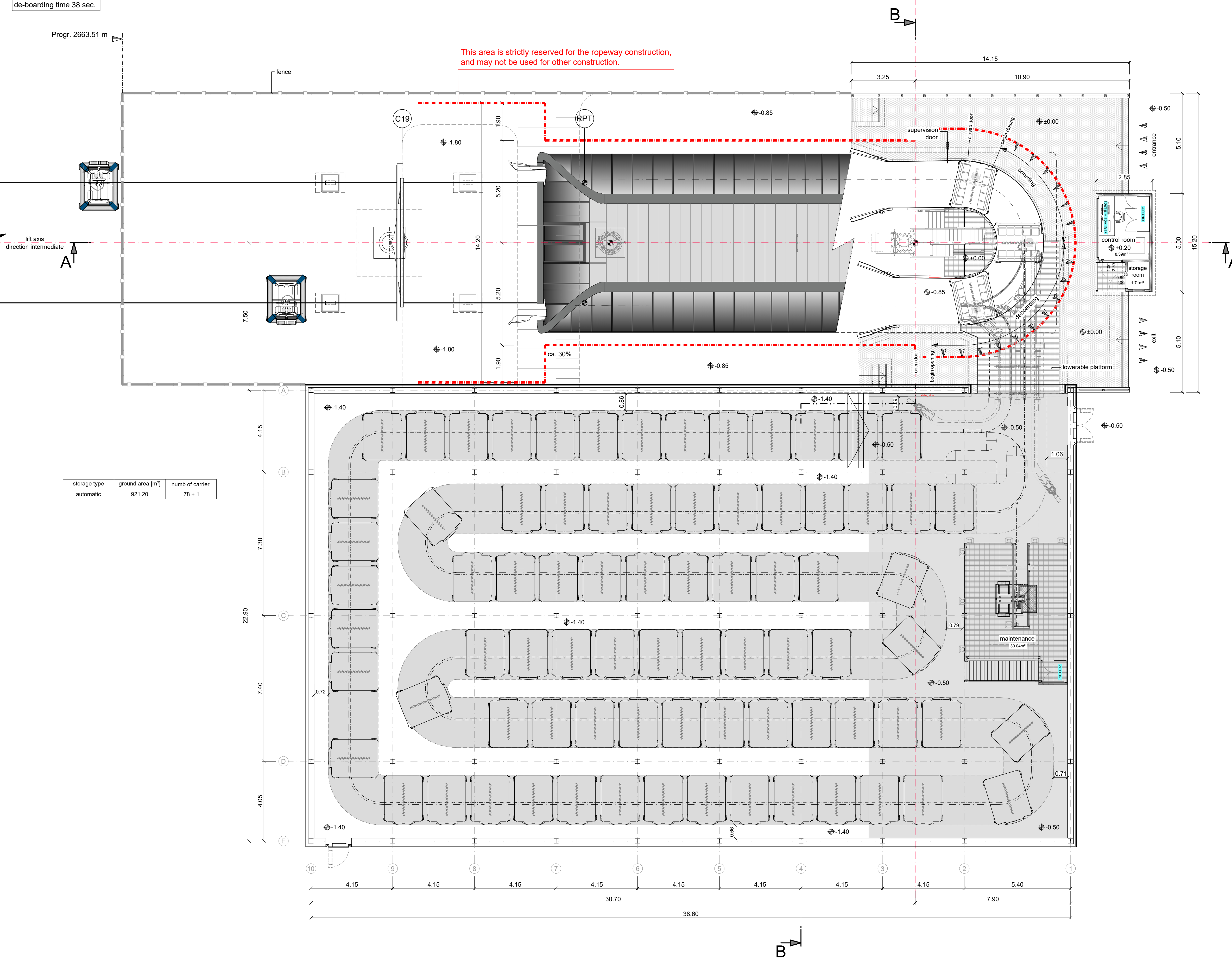


Section "A-A"

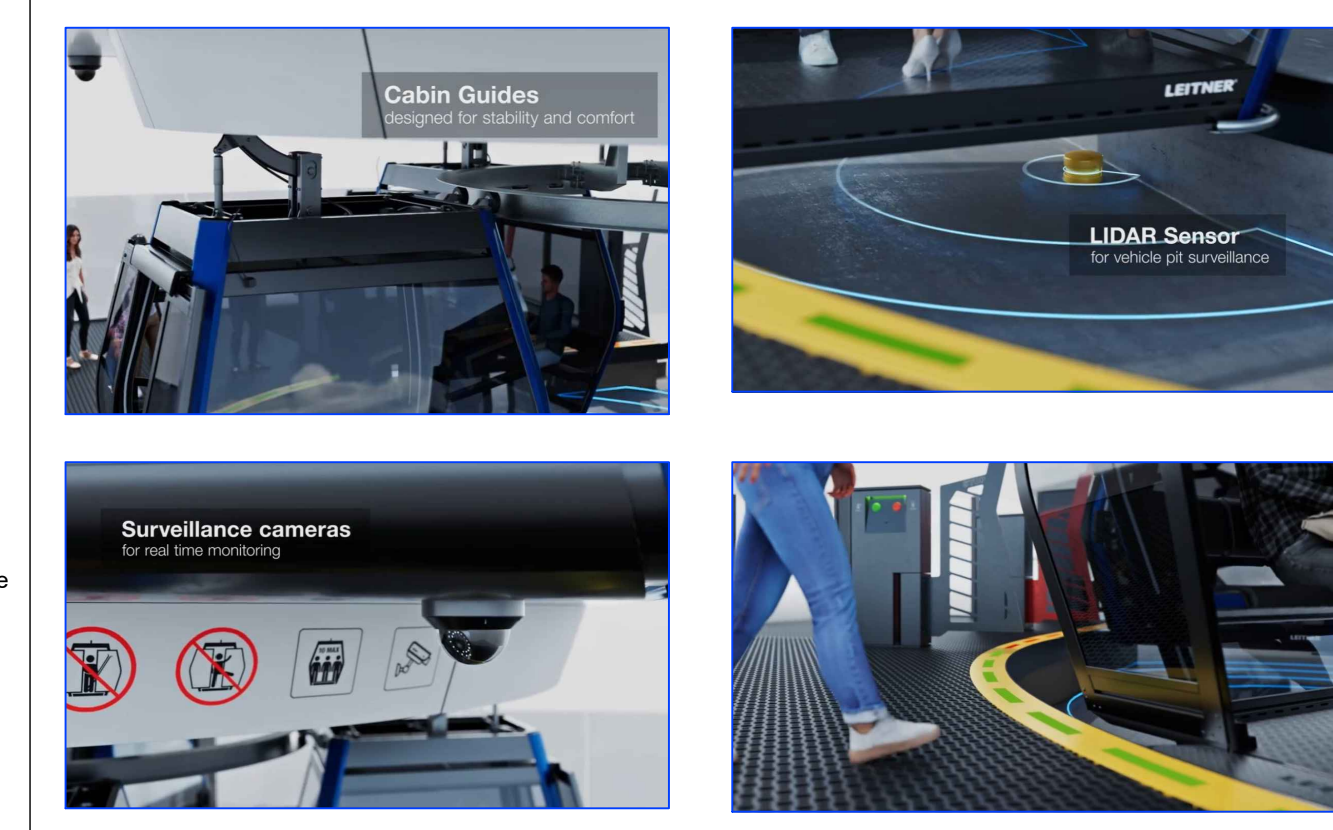
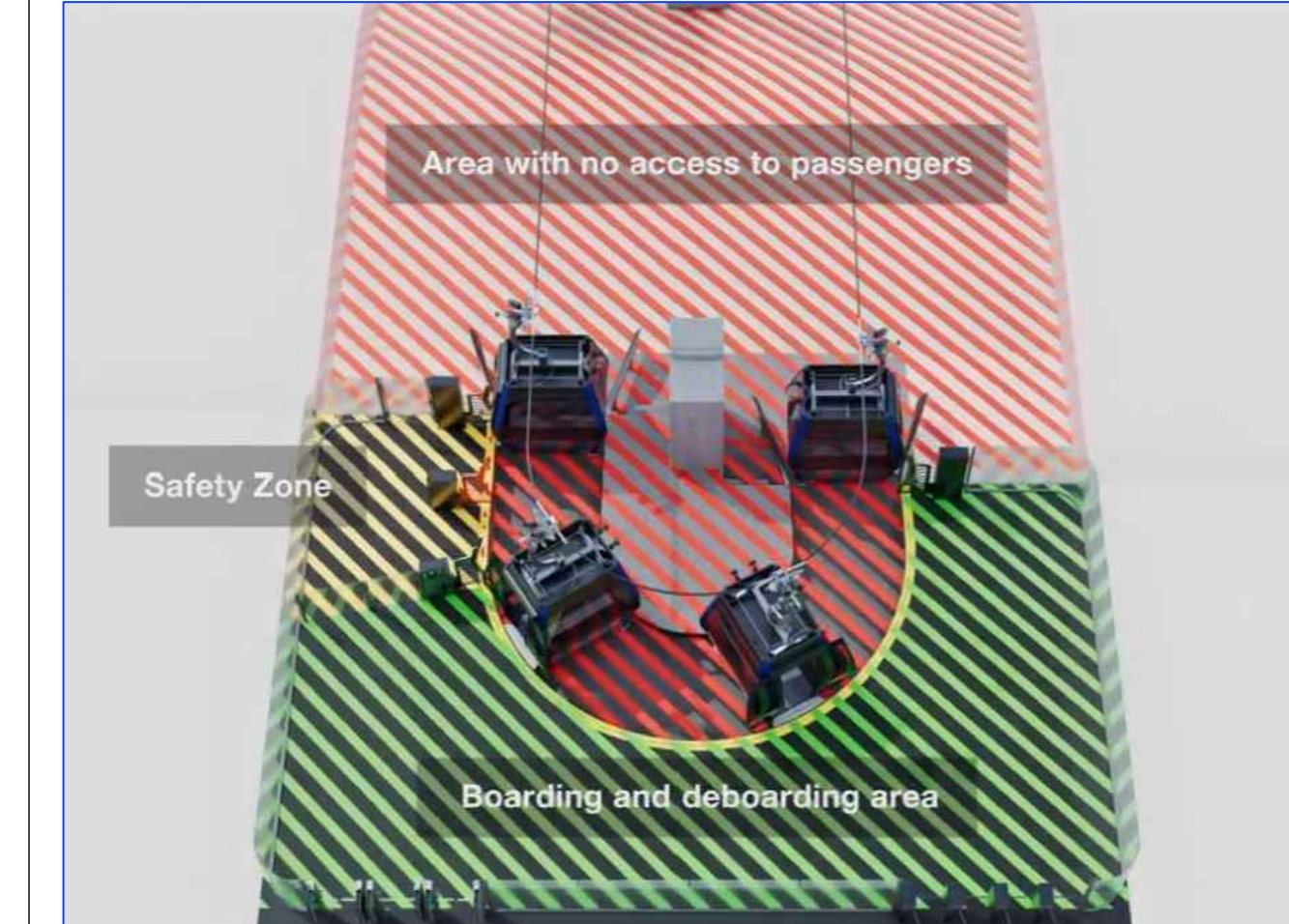
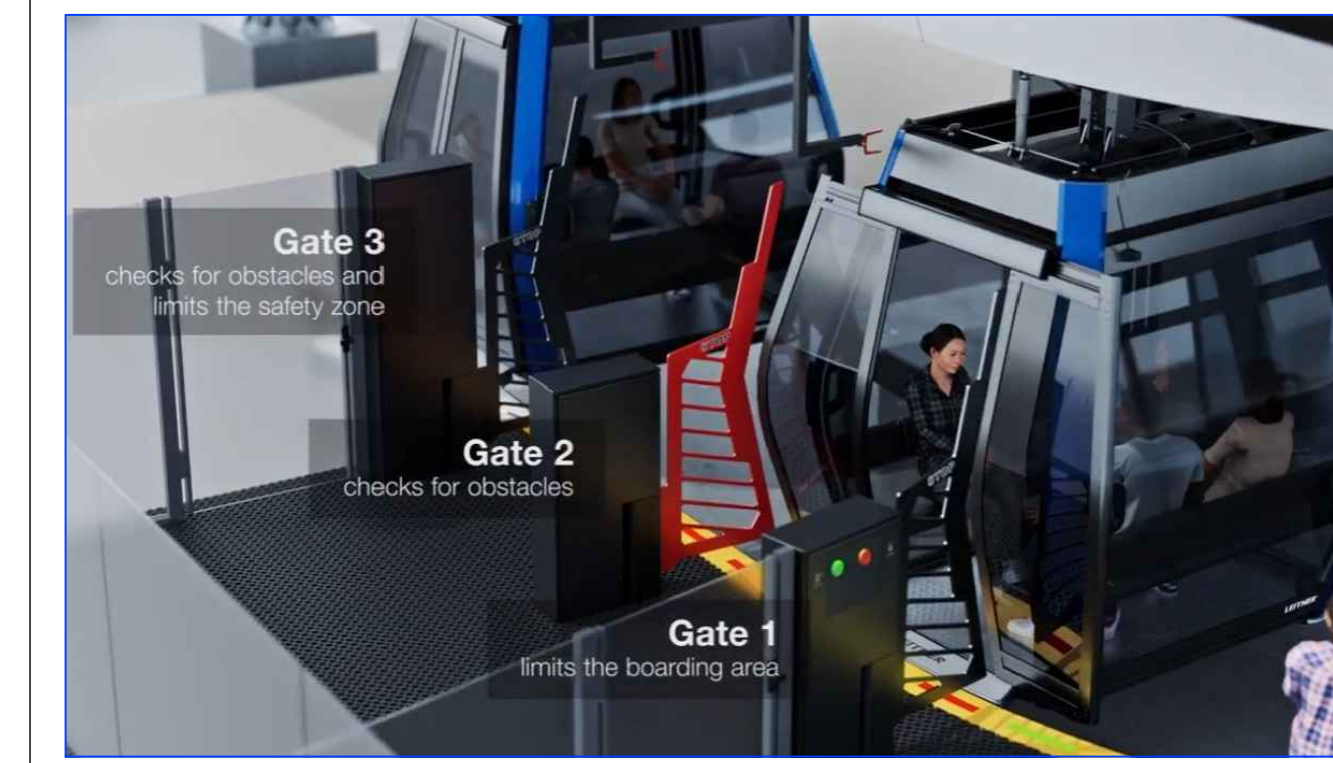
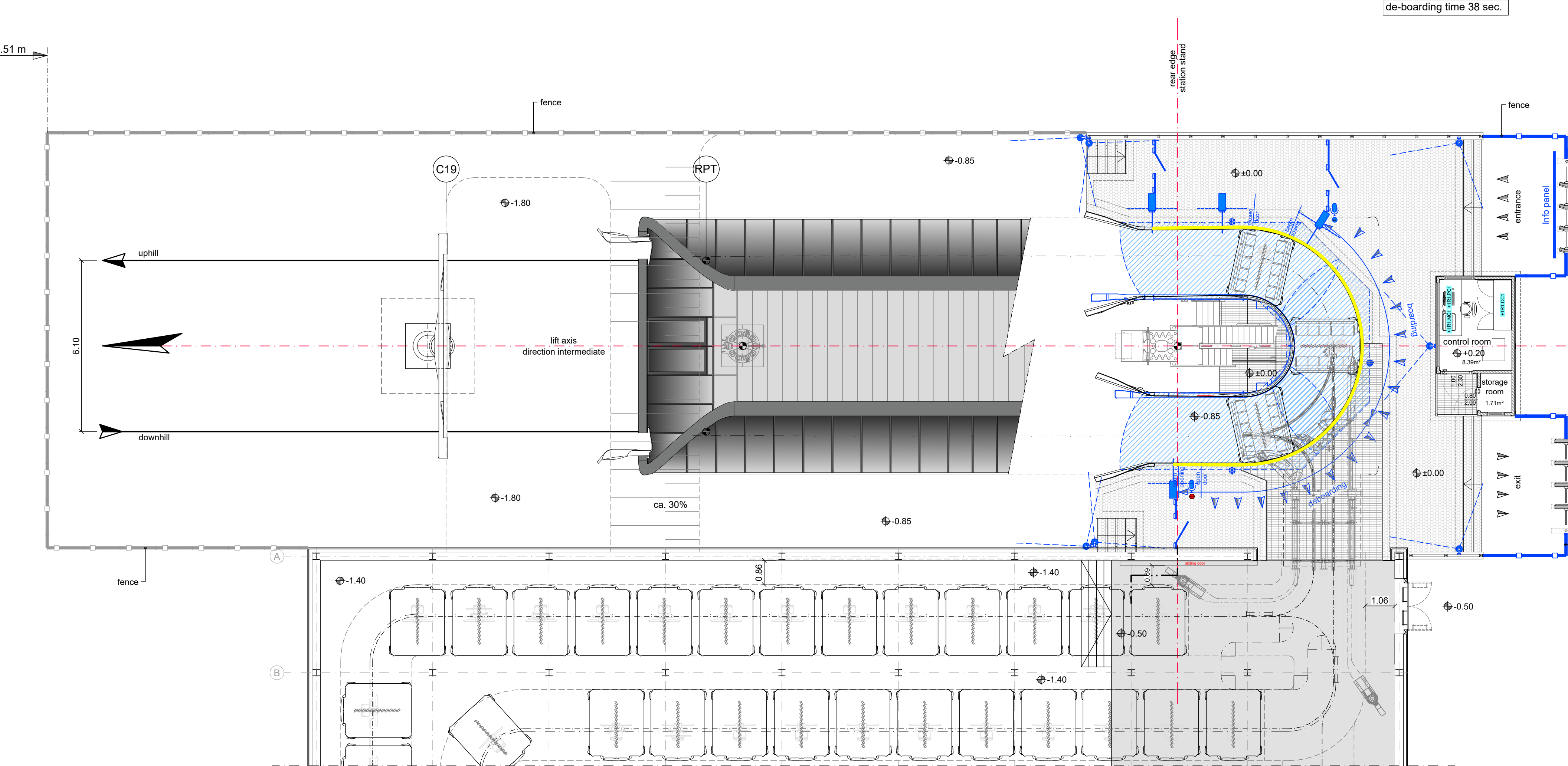
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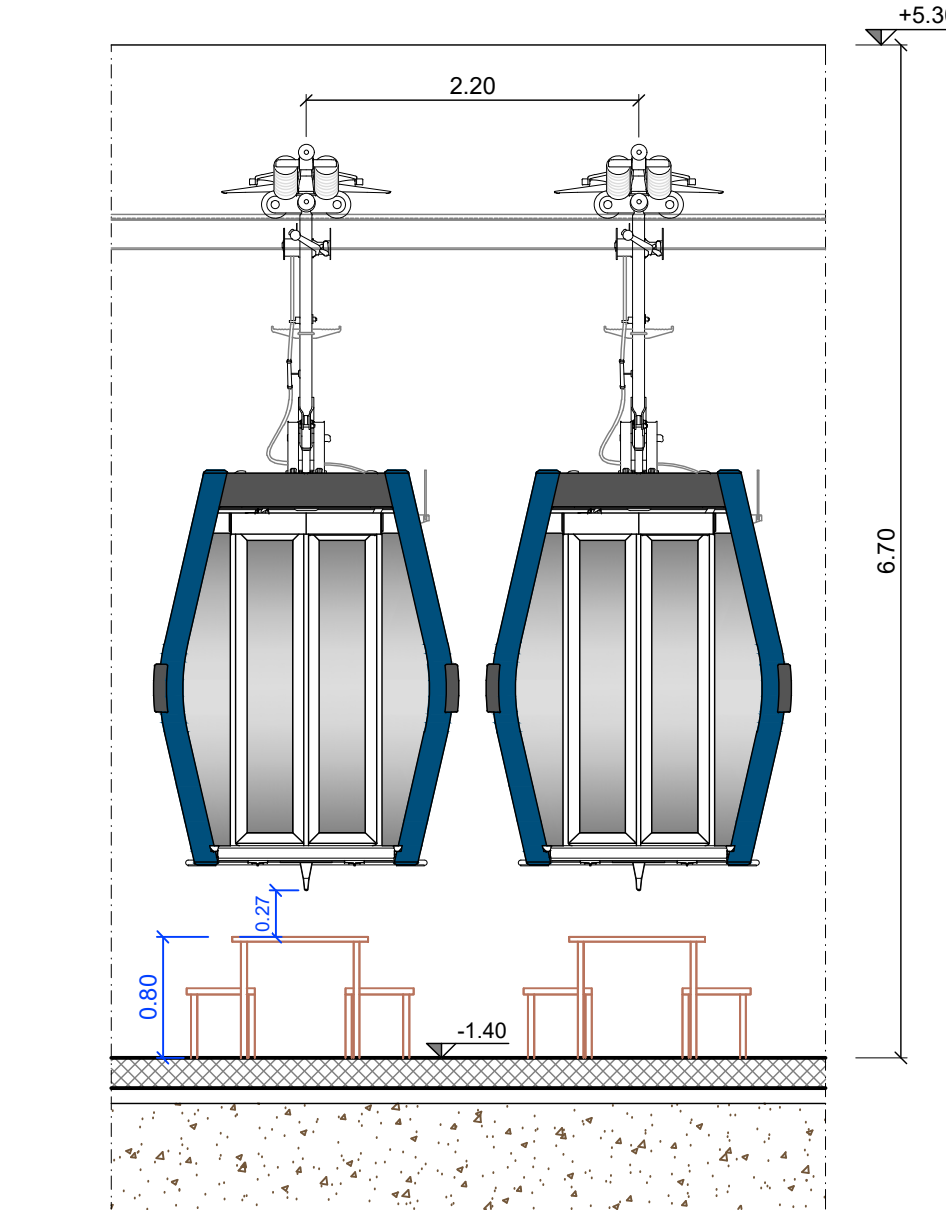
Top view



Option "Leitpilot"



Distance between cabins in storage scale 1:50



new construction for ropeway	excavation
new auxiliary construction	filling
protective concrete	compact earth filling
existing	demolition

**BOARDING / DEBOARDING LEVEL (RUBBER MAT)**  
±0.00 = 1590.70 m o.s.l.

STATION TYPE	RETURN TENSIONING STATION
UPHILL CAPACITY	2400 P/h
OPERATING SPEED	6.00 m/sec
TYPE OF CARRIER	DIAMOND EVO-B03 XLLine deep
SKI RACK	INSIDE

GD10 DOOLANS ACCESS LIFT

ANORDNUNG - BERGSTATION  
LAYOUT - TOP STATION

VARIANT - 1

**LEITNER**

DATE: 25/09/2025  
SCALE: 1:100  
PROJECT: 77057442/00

