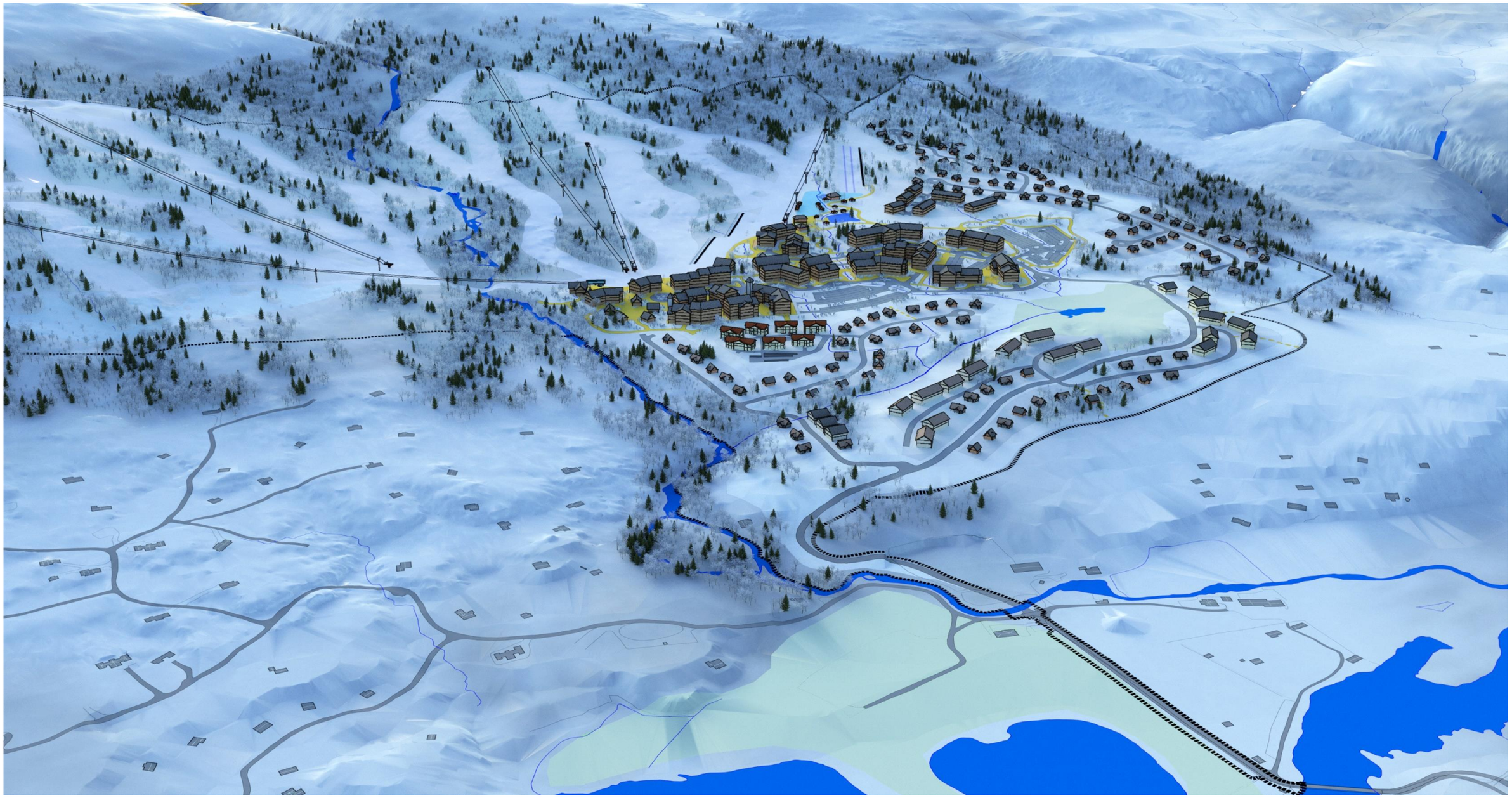


EIDFJORD RESORT	**Masterplan Teikningshefte**	**Datert 06.052020**

Norconsult

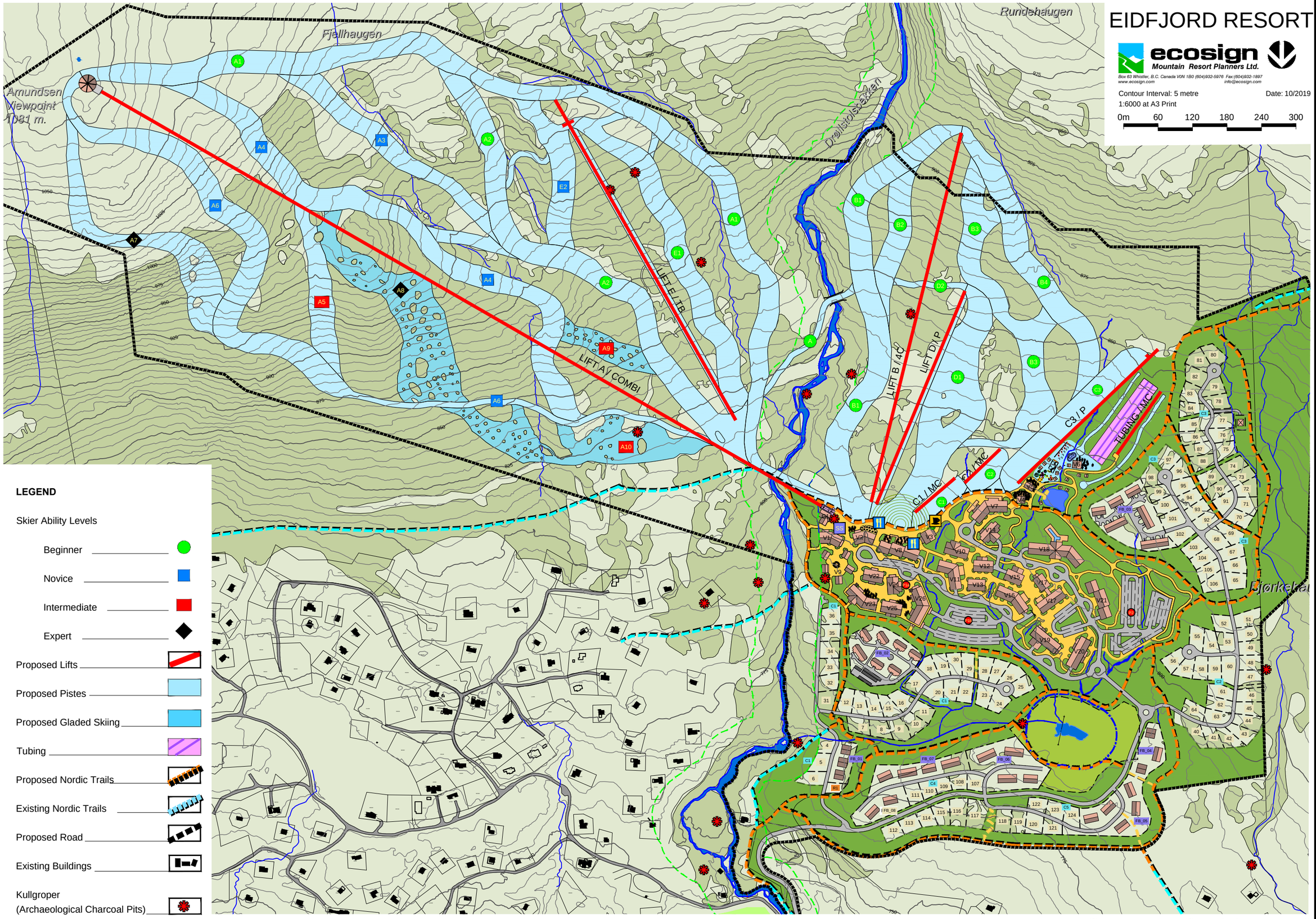
EIDFJORD RESORT

ecosign
Mountain Resort Planners Ltd.

Box 63 Whistler, B.C. Canada V0N 1B0 (604)932-5976 Fax:(604)932-1897
www.ecosign.com info@ecosign.com

Contour Interval: 5 metre
Date: 10/2019
1:6000 at A3 Print

0m 60 120 180 240 300



LEGEND

Skier Ability Levels

- Beginner
- Novice
- Intermediate
- Expert

- Proposed Lifts
- Proposed Pistes
- Proposed Gladed Skiing
- Tubing
- Proposed Nordic Trails
- Existing Nordic Trails
- Proposed Road
- Existing Buildings
- Kullgroper (Archaeological Charcoal Pits)

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Box 63 Whistler, B.C. Canada V0N 1B0 (604)932-5976 Fax:(604)932-1897
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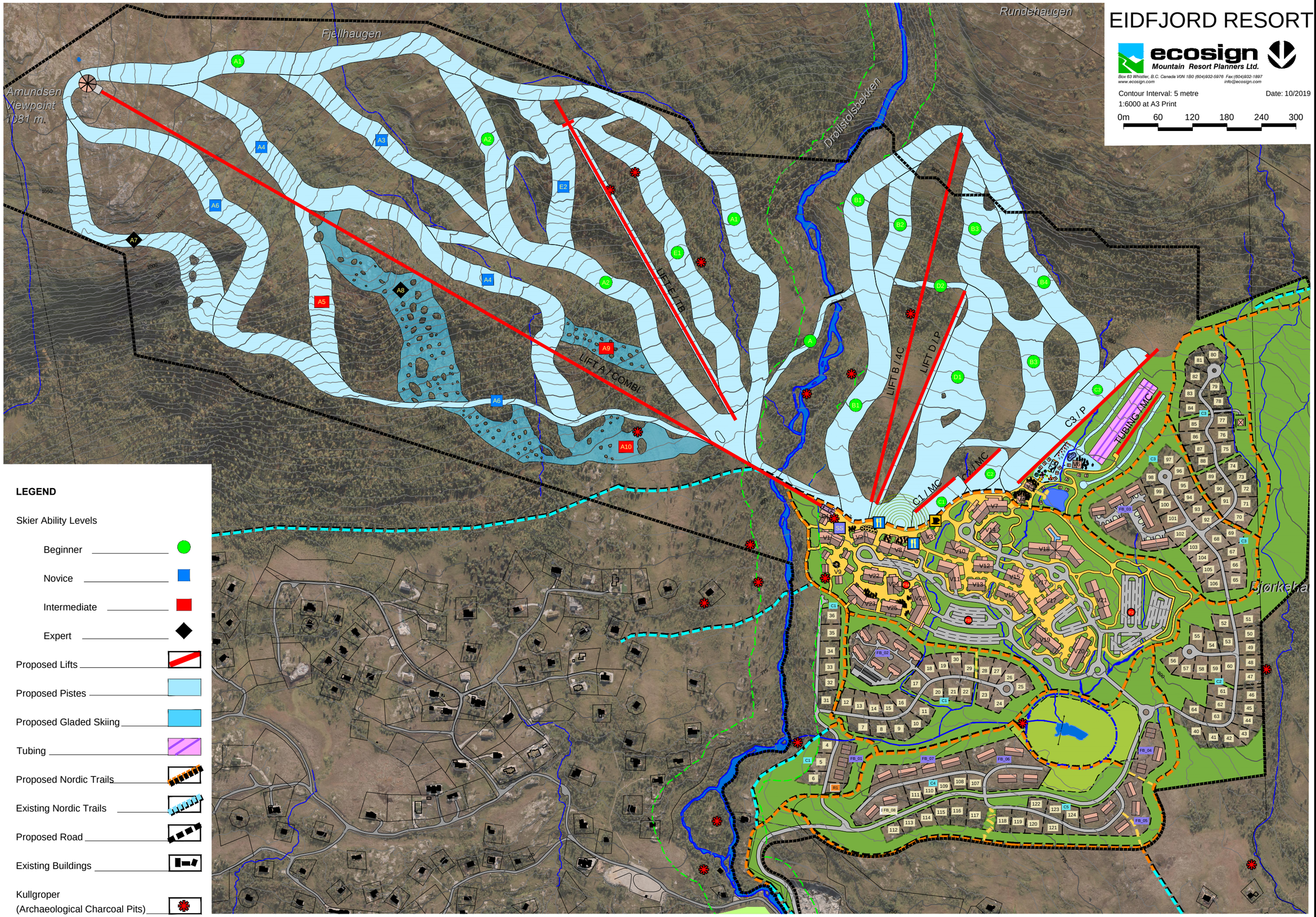
Contour Interval: 5 metre
Date: 10/2019
1:6000 at A3 Print

0m 60 120 180 240 300



LEGEND

Skier Ability Levels

- Beginner
- Novice
- Intermediate
- Expert

Proposed Lifts

Proposed Pistes

Proposed Gladed Skiing

Tubing

Proposed Nordic Trails

Existing Nordic Trails

Proposed Road

Existing Buildings

Kullgroper
(Archaeological Charcoal Pits)

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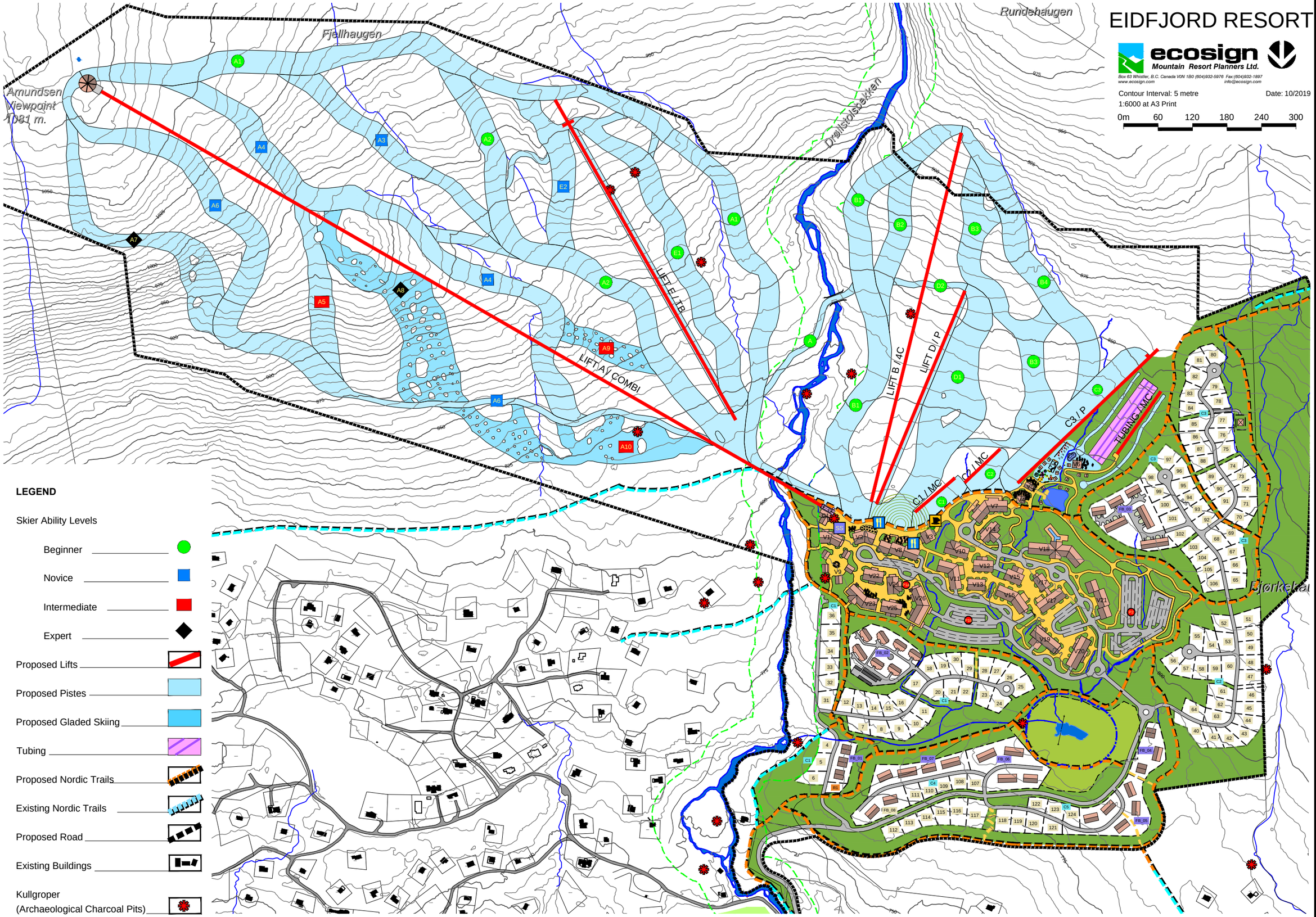
www.ecosign.com info@ecosign.com

Contour Interval: 5 metre
Date: 10/2019
1:6000 at A3 Print

0m 60 120 180 240 300



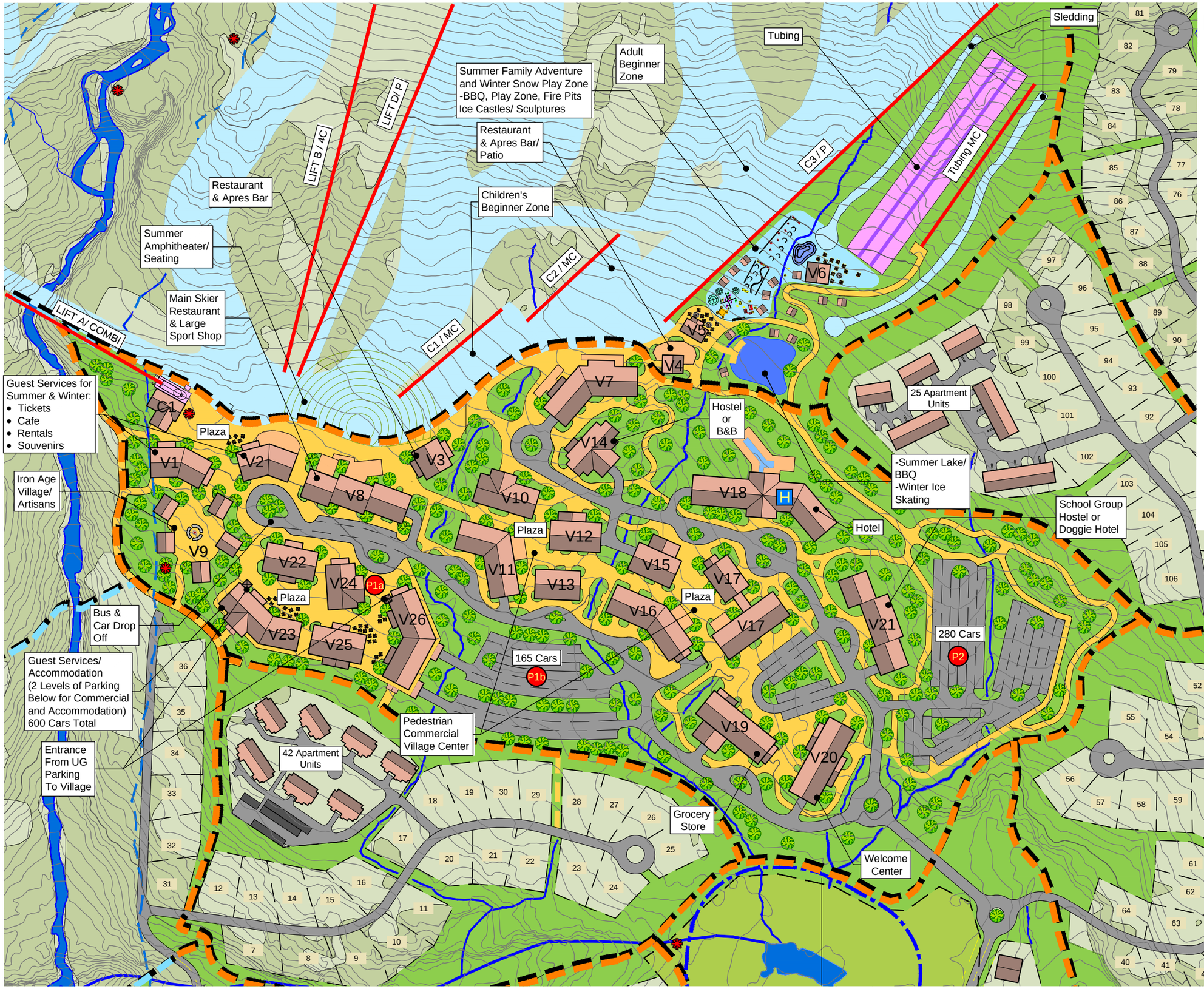
EIDFJORD RESORT

ecosign
Mountain Resort Planners Ltd.
Box 63 Whistler, B.C. Canada V0N 1B0 (604)932-5976 Fax:(604)932-1897
www.ecosign.com info@ecosign.com

Contour Interval: 1 metre

Date: 10/ 2019

0m 25 50 75 100 125



LEGEND

Skier Ability Levels

- Beginner
- Novice
- Intermediate
- Expert

Proposed Lifts

Proposed Pistes

Tubing

Proposed Nordic Trails

Existing Nordic Trails

Kullgroper (Archaeological Charcoal Pits)

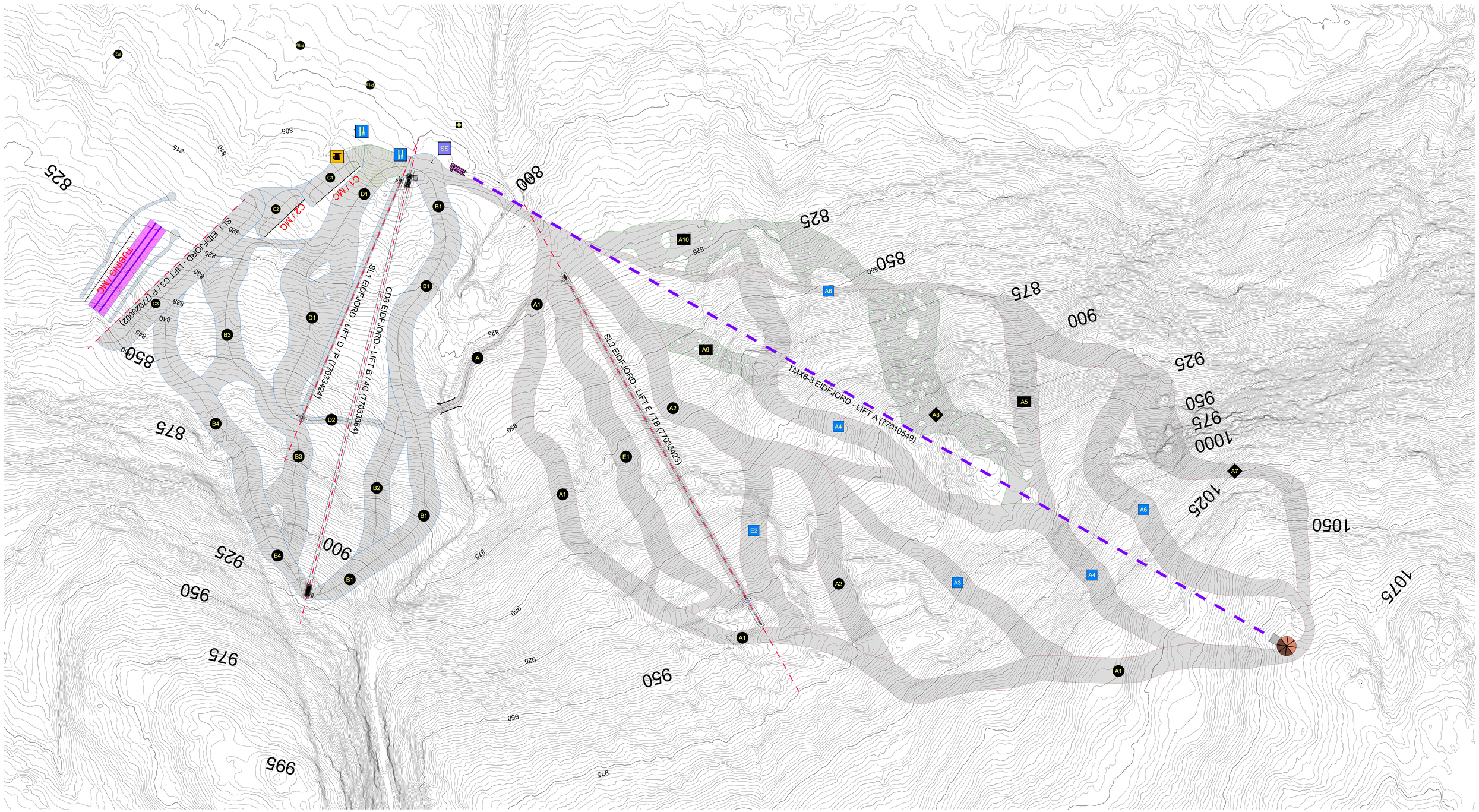
Commercial Use in Village Street:

- Bakery/Pizzeria
- Coffee Roaster/Cafe
- Toy Store
- Pet Store
- Outdoor Outfitters (camping, hunting, fishing)
- Nordic Ski Store
- Book Store
- Brewery/Pub
- Catering & Delicatessen
- Gift & Interior Decor
- Art Gallery/Jewellery
- Nordic Sweaters, wool, etc.
- Mini Museum

RESORT VILLAGE CONCEPT

Resort Village Center - October 29-2019

Reg.plan	Building	Building Type	Foot print m²	# of Floors (Inc. Parking)	Gross UG Parking Floor Space m²	GFA (Excl. Parking) m²	Commercial & Skier Serv. Space m²	Gross Accomm. Space m²	Lobby, BOH Space m²	Gross to Net Ratio	Net Accomm. Space m²	Unit Size m²	# of apt. Units	# of Units (plots/ rooms)	Beds per Unit	# of Beds	Guests From Beds	Skiers From Beds
	C1	Combi Lift Cabin/ Chair Storage/ First Aid	330	1.0		330	330											
BS17	V1	Skier Services / Rental Shop/Apts. ski-hotell (lockers)	750	4.0	750	2 250	1 420	830	242	75%	441	60	7					
BS7	V2	Restaurant/ Apres Ski Bar/Apts.	675	3.0	675	1 350	844	506	51	75%	341	60	6		4	20	15	13
BS12	V3	Apts./Rest./Bar	345	3.5	345	863	242	621	25	75%	447	60	7		4	24	18	15
BFT	V4	Restaurant/ Apres Bar	120	1.0		120	120											
BFT	V5	Ice Skating Rentals/ Washrooms/ Snacks	160	1.0		160	160											
BFT	V6	Snow Play Snacks/ Washrooms/ Tube Storage	150	1.0		150	150											
BS13	V7	Apts./Rest./Children's Building	1 235	4.5	1 235	4 323	865	3 458	138	75%	2 490	60	42		4	144	109	93
BS6	V8	Apts./Skier Services & Restaurant	1 220	4.5	1 220	4 270	854	3 416	137	75%	2 459	60	41		4	140	106	90
BS16	V9	Iron Age Village / Market	600	1.0		600	600											
BS11	V10	Apts./Comm.	795	3.5	795	1 988	557	1 431	57	75%	1 031	70	15		4	60	46	39
BS5	V11	Apts./Comm.	1 085	5.0	1 085	4 340	760	3 580	143	75%	2 578	70	37		4	148	112	95
BS10	V12	Apts./Comm.	685	3.5	685	1 713	480	1 233	49	75%	888	70	13		4	52	40	34
BS4	V13	Apts./Comm.	510	4.5	510	1 785	357	1 428	57	75%	1 028	70	15		4	60	46	39
HO03	V14	Hostel	740	4.5	740	2 590	370	2 220	222	70%	1 399	70	20		4	80	61	52
BS9	V15	Apts./Comm.	685	3.5	685	1 713	480	1 233	49	75%	888	70	13		4	52	40	34
BS3	V16	Apts./Comm.	1 075	4.5	1 075	3 763	753	3 010	120	75%	2 168	70	31		4	124	94	80
BS8	V17	Multi Purpose Center	1 375	4.5	1 375	6 188	1 925	4 263	171	75%	3 069	60	51		4	176	134	114
HO02	V18	Hotel/Conference/Spa	1 965	5.0	1 965	7 860	983	6 877	688	65%	4 023	26		155	3	253	192	163
BS2	V19	Apts./Grocery Store	1 165	4.5	1 165	4 078	816	3 262	130	75%	2 349	60	39		4	136	103	88
BS1	V20	Apts./Welcome Center	990	4.5	990	3 465	693	2 772	111	75%	1 996	60	33		4	116	88	75
HO01	V21	Hostel/Dog Hotel	1 190	5.0	1 190	4 760	595	4 165	167	70%	2 799	60	47		4	160	122	104
BS15	V22	Apts./Comm.	675	4.5	675	2 363	338	2 026	81	75%	1 458	60	24		4	84	64	54
BS15	V23	Apts./Comm.	1 125	4.5	1 125	3 938	563	3 376	135	75%	2 430	60	41		4	140	106	90
BS14	V24	Apts./Comm.	625	4.0	625	1 875	313	1 563	63	75%	1 125	60	19		4	64	49	42
BS14	V25	Apts./Comm.	730	4.5	730	2 555	365	2 190	88	75%	1 577	60	26		4	92	70	60
BS14	V26	Apts./Comm.	1 285	4.0	1 285	3 855	643	3 213	129	75%	2 313	60	39		4	132	100	85
	Total Village		***22 285***		***20 925***	***73 245***	***16 576***	***56 673***	***3 053***		***39 297***		***564***	***155***		***2 257***	***1 715***	***1 459***
	Other Real Estate Development		**# bygg**															
4-36	C2	Cabin Parcel (4-36) - delområde 2												33	8	264	129	91
FB01	FB_01	Apartments	3	2,5							1 200	50	24		8	192	94	66
FB02	FB_02	Apartments	7	2,5							2 500	70	36		8	336	165	115
FB03	FB_03	Townhouses	10	3,5	1 800						4 200	70	60		8	200	98	69
FB04	FB_04	Townhouses	3	3,5	540						1 100	60	18		8	64	31	22
FB05	FB_05	Townhouses	3	3,5	900						1 100	60	18		8	64	31	22
FB06	FB_06	Townhouses	3	3,5	900						1 800	60	30		8	160	78	55
FB07	FB_07	Townhouses	4	3,5	720						1 450	50	29		8	160	78	55
FB08	FB_08	Townhouses	4	3,5	720						1 450	50	29		8	160	78	55
FB09	FB_09	Townhouses	2	3,5	360						720	50	14		8	64	31	22
65-106	C3	Cabin Parcel (65-106) - delområde 3												42	8	336	165	115
40-64	C4	Cabin Parcel (40-64) - delområde 4												25	8	200	98	69
107-124	C5	Cabin Parcel (107-124) - delområde 5												18	8	144	71	49
	Total Other		***39***		***5 940***						***15 520***		***258***	***118***		***2344***	***1 149***	***804***



REV.	Änderungen - Modification	DATUM / DATE	NAME / NAME	KONTR. / CHECKED

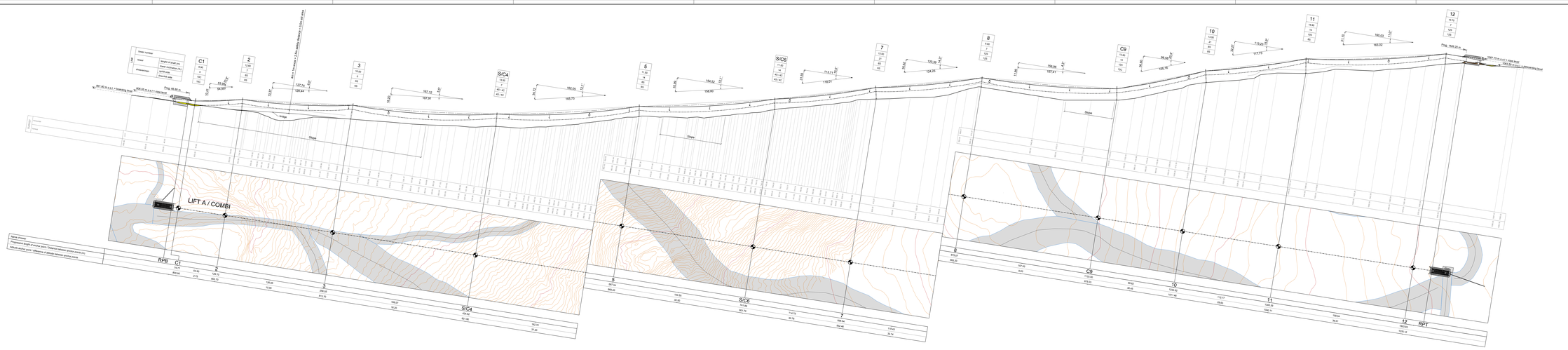
BAUJAHR/NAME / NAME OF INSTALLATION: SKI RESORT EIDFJORD — LAND / COUNTRY: NO

BENENNUNG / DESCRIPTION:
GESAMTLAGEPLAN
GENERAL LAYOUT PLAN

LEITNER ropeways

FORMAT / FORMAT: A0	GEZEICHNET / DESIGNED BY: Da Soghe Manuel	KONTR. VON / CHECKED BY: Gasser Luis
DATUM / DATE: 13/03/2020	ZEICHNUNG / DRAWING: 77033478/00	
MASSTAB / SCALE: 1:2000		

ONLY FOR OFFER PROJECTS



TECHNISCHE DATEN
TECHNICAL DATA

LAGE ANTRIEB POSITION OF DRIVE	TAL BOTTOM
LAGE SPANNUNG POSITION OF TENSIONING	TAL BOTTOM
DREHRICHTUNG SENS OF ROTATION	GEGENUHRZEIGERSINN COUNTERCLOCKWISE
HORIZONTALE LÄNGE HORIZONTAL LENGTH	1458.40 m
HÖHENUNTERSCHIED VERTICAL RISE	281.70 m
SCHRÄGE LÄNGE DEVELOPED LENGTH	1491.69 m
SEILDURCHMESSER ROPE DIAMETER	44 mm
DAUERLEISTUNG RATED POWER OF MAIN MOTOR	360 kW
ANFAHRLEISTUNG STARTING POWER OF MAIN MOTOR	550 kW
SPANNKRAFT NORMAL TENSION	530 kN

	ANFANGSAUSBAU INITIAL CAPAC.		ENDAUSBAU FINAL CAPAC.	
FÖRDERLEISTUNG CARRIER CAPACITY	1740 p/h	P/h p/h	2500 p/h	P/h p/h
FÖRDERGESCHWINDIGKEIT CONVEYING SPEED	5 m/s	m/s m/s	5 m/s	m/s m/s
FAHRZEUGABSTAND DISTANCE BETWEEN CARRIERS	62.06 m	m m	46.80 m	m m
FOLGEZEIT TIME BETWEEN BETWEEN CARRIERS	12.41 sec	s sec	9.36 sec	s sec
FAHRZEUGANZAHL NUMBER OF CARRIERS	57 chairs	57 chairs 19 cabins		
Fahrzeit TRAVEL TIME	4' 58"	4' 58"		

REV.	DESCRIPTION	DATE	DR.	CHK.	APP.
1	Drawing - Modification	2016-05	MW	MW	MW

PROJECT DESCRIPTION: TMX6-8 EIDFJORD A — NO

DRAWING TITLE:
LAENGENSCHNITT
LONGITUDINAL PROFILE

LEITNER ropeways

DRAWN FORMAT: A2	DRAWN / CHECKED: Rainer Weiser B.	DRAWN / CHECKED: Urlaerthner Aaron	
DATAFILE DATE: 24/02/2016	DRAWING NUMBER: 77010549/00		
SCALE: 1:1000			

Bogensehne
chordline

Durchhang Abfahrtseite - FZG leer - T0
sag downhill side - empty vehicle @ T0

Durchhang Auffahrtseite - 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%

TECHNISCHE DATEN
TECHNICAL DATA

LAGE ANTRIEB POSITION OF DRIVE	TAL BOTTOM
LAGE SPANNUNG POSITION OF TENSIONING	TAL BOTTOM
DREHRICHTUNG SENSE OF ROTATION	UHRZEIGERSINN CLOCKWISE
FAHRZEUGTYP TYPE OF CARRIER	OCC-F

HORIZONTALE LÄNGE HORIZONTAL LENGTH	639,75	m
HÖHENUNTERSCHIED VERTICAL RISE	124,00	m
SCHRÄGE LÄNGE DEVELOPED LENGTH	653,13	m
SEILDURCHMESSER ROPE DIAMETER	40	mm
DAUERLEISTUNG RATED POWER OF MAIN MOTOR	203	kW
ANFAHRLEISTUNG STARTING POWER OF MAIN MOTOR	247	kW
SPANNKRAFT NOMINAL TENSION	460	kN
SPURWEITE LINE GAUGE	6,10	m

	ANFANGSAUSBAU INITIAL CAPACITY		ENDAUSBAU FINAL CAPACITY	
FÖRDERLEISTUNG UPHILL CAPACITY	1200	P/h p/h	2400	P/h p/h
FAHRGESCHWINDIGKEIT OPERATING SPEED	5,00	m/s m/sec	5,00	m/s m/sec
FAHRZEUGABSTAND DISTANCE BETWEEN CARRIERS	90,00	m	45,00	m
FOLGEZEIT TIME INTERVAL BETWEEN CARRIERS	18,00	s sec	9,00	s sec
FAHRZEUGANZAHL NUMBER OF CARRIERS	17		34	
FAHRZEIT TRAVEL TIME	2' 11"		2' 11"	

REV.	Änderungen - Modification	DATUM / DATE	NAME / NAME	KONTR. / CHECKED

VALIDIERUNG / NAME OF INSTALLATION: CD6 EIDFJORD - LIFT B/4C

LAND / COUNTRY: NO

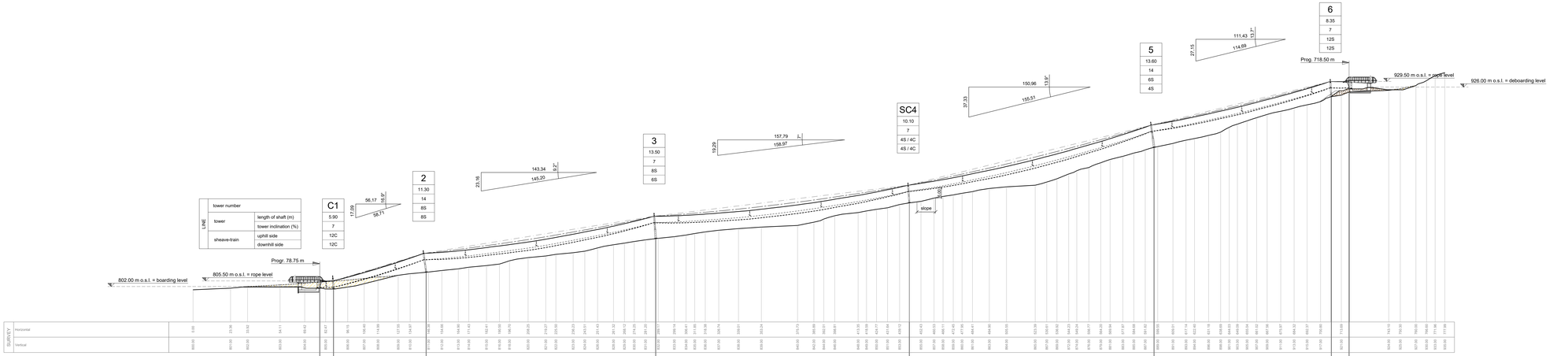
BENENNUNG / DESCRIPTION:

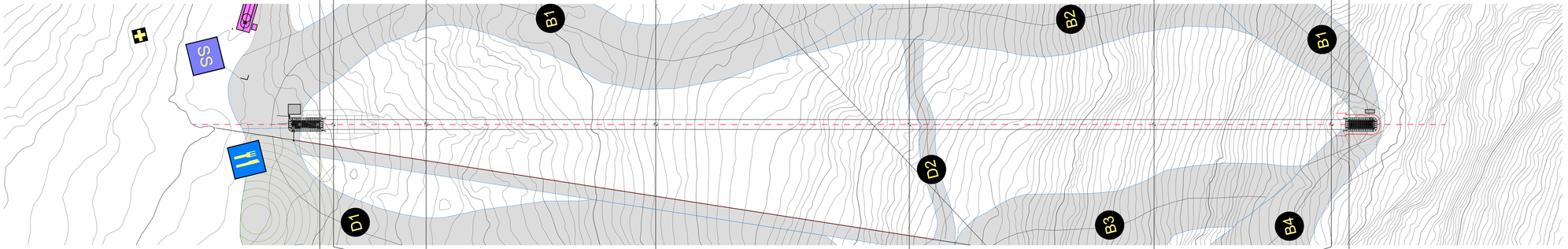
LÄNGENSCHNITT
LONGITUDINAL PROFILE

LEITNER® ropeways

FORMAT / FORMAT: A2	GEZEICHNET / DESIGNED BY: Da Soghe Manuel	KONTR. VON / CHECKED BY: Unterthiner Aaron	
DATUM / DATE: 12/03/2020	ZEICHNUNG / DRAWING: 77033364/00		
REGISTER SCALE: 1:1000			

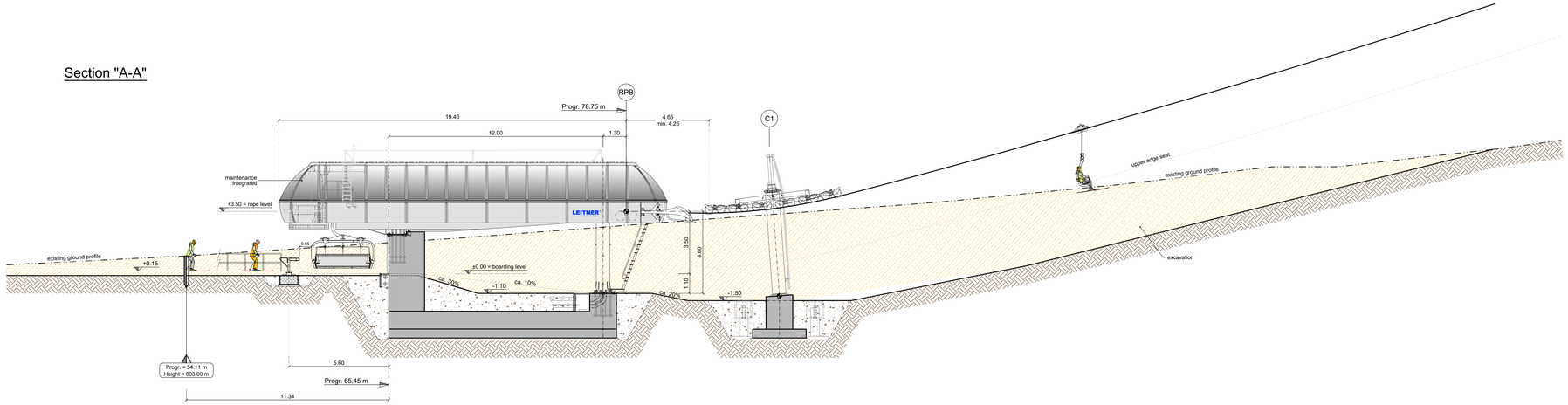
ONLY FOR OFFER PROJECTS





Name of tower	RPB	C1	2	3	SC4	5	6	RPT
Progressive lenght of anchor point / Distance between anchor points (m)		87.34 57.55	144.89	142.69 287.58	157.57 445.15	152.14 597.29	110.15 707.44	
Altitude anchor point / difference of altitude between anchor points		800.76 10.41	811.17 20.93	832.10 22.20	854.30 34.50	888.80 31.46	920.26	

Section "A-A"



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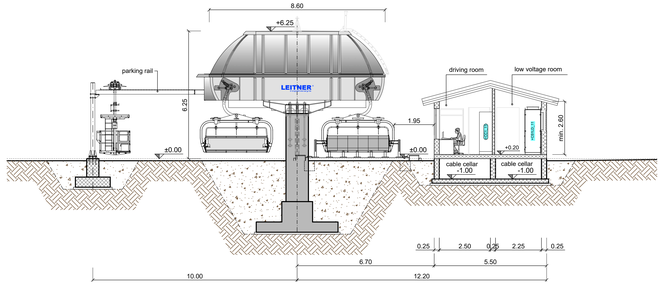
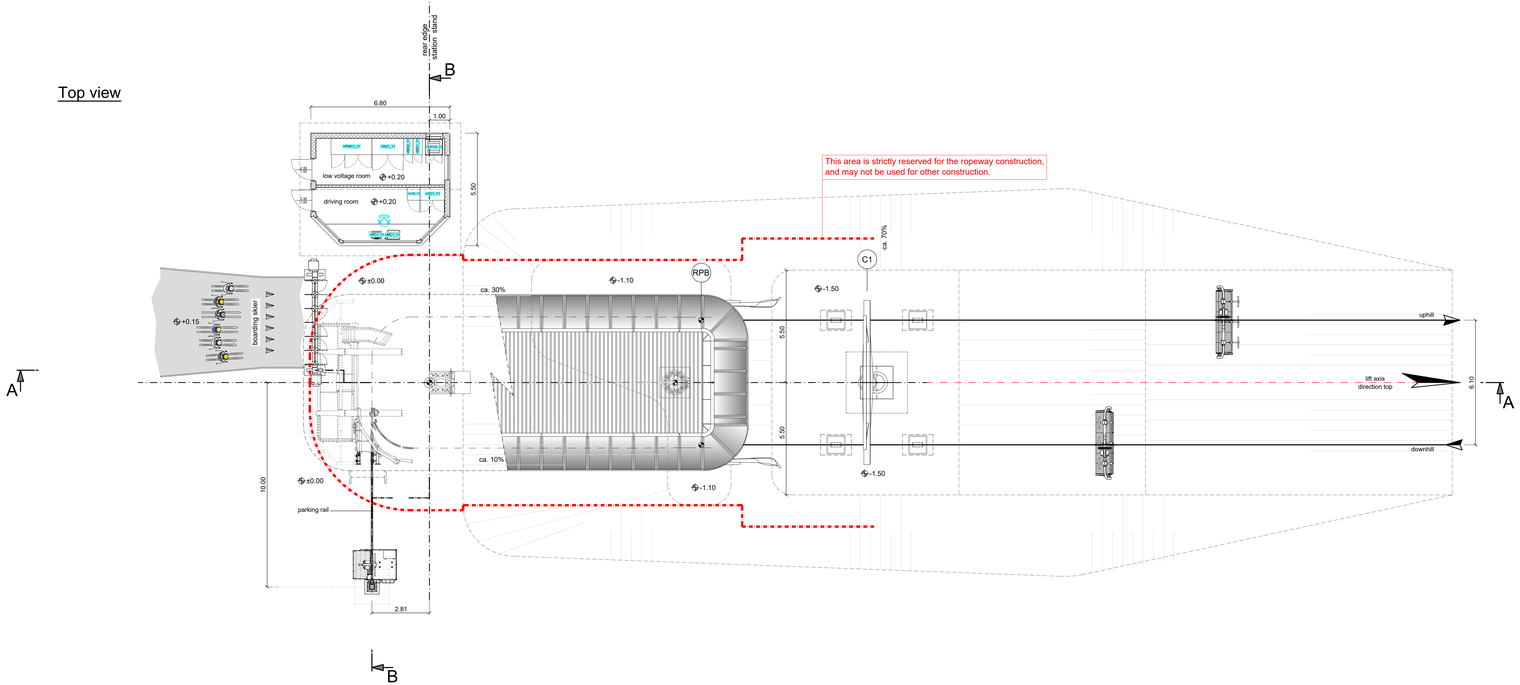


Top view



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

BOARDING LEVEL (SNOW LEVEL)
±0.00 = 802.00 m o.s.l.

OPERATING SPEED	5.00 m/sec
TYPE OF CARRIER	OCC-F
SAFETY BAR	WITHOUT LOCKABLE

REV	Änderungen - Modification	DATUM DATE	NAME NAME	KONTR. CHECKED

ANLAGENNAME NAME OF INSTALLATION: CD6 EIDFJORD - LIFT B/4C — LAND COUNTRY: NO

BEZEICHNUNG DESCRIPTION:
ANORDNUNG-ANTRIEBSSPANNSTATION IM TAL
LAYOUT-DRIVE TENS. STATION AT BOTTOM

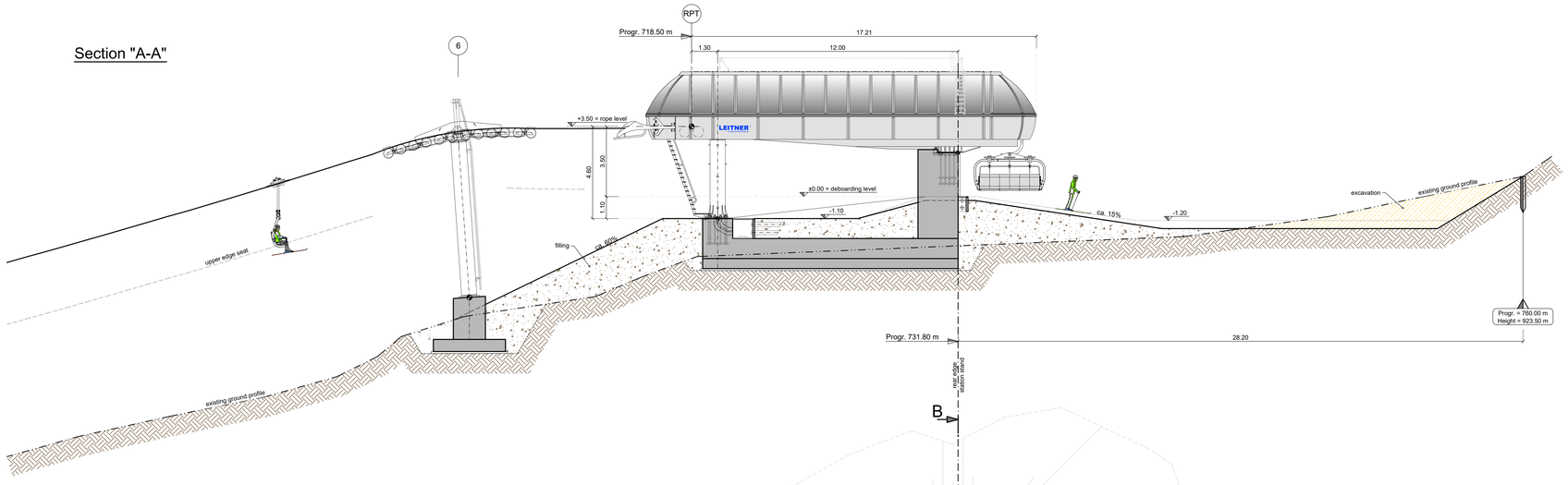
LEITNER ropeways

FORMAT / FORMAT	A1	GEZEICHNET / DRAWN BY	Da Soghe Manuel
DATUM / DATE	13/03/2020	ZEICHNUNG DRAWING	77033365/00
MASSSTAB SCALE	1:100		

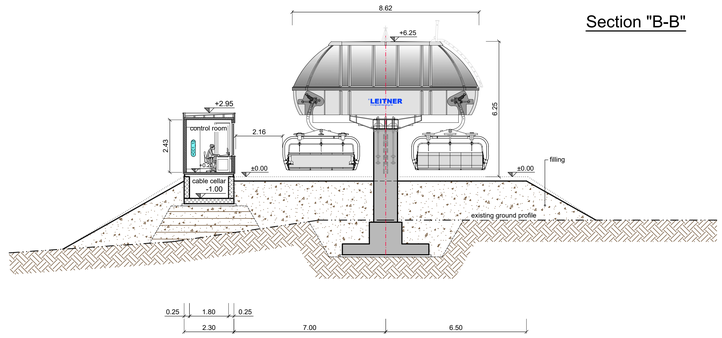
KONTR. VON / CHECKED BY: Gasser Luis

ONLY FOR OFFER PROJECTS

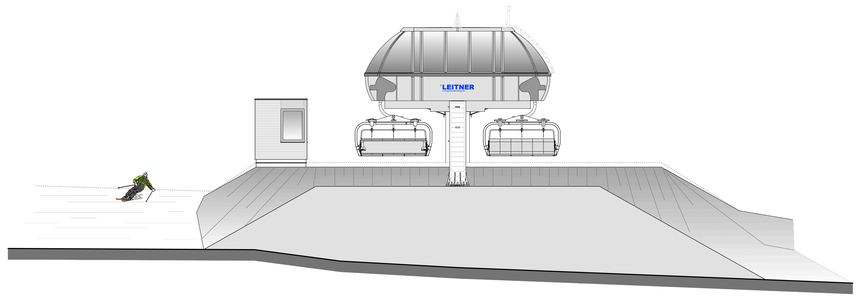
Section "A-A"



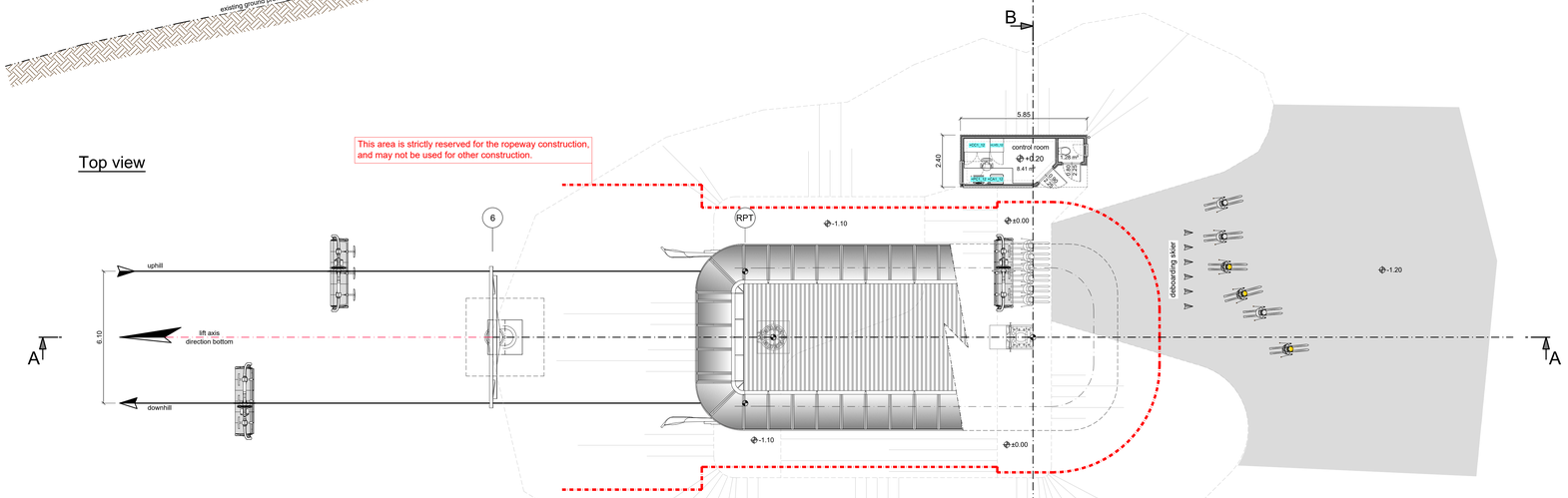
Section "B-B"



Front view

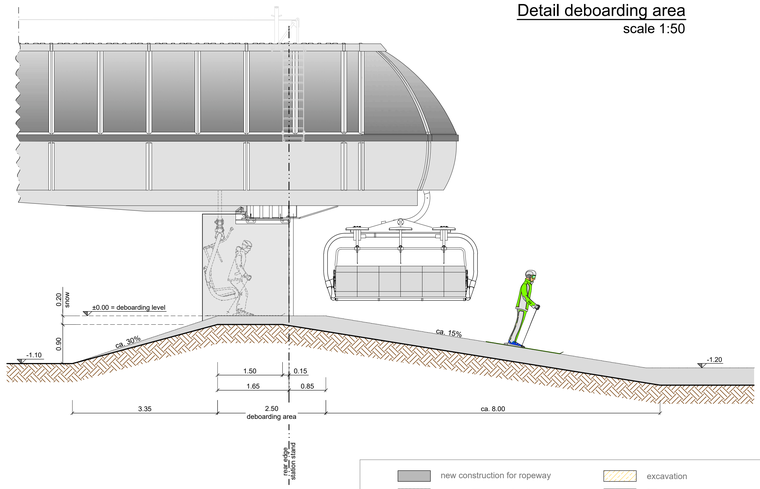


Top view

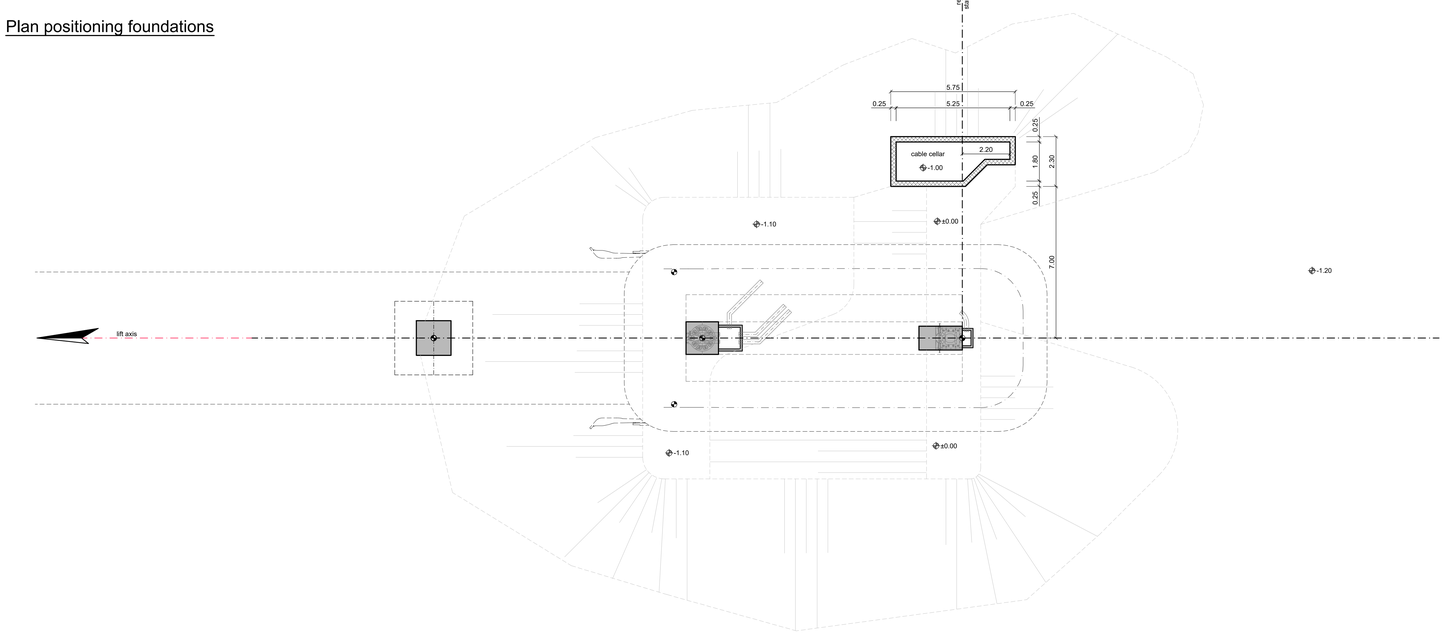


Detail deboarding area

scale 1:50



Plan positioning foundations



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

DEBOARDING LEVEL (SNOW LEVEL)
±0.00 = 926.00 m o.s.l.

OPERATING SPEED	5,00 m/sec
TYPE OF CARRIER	OCC-F
SAFETY BAR	WITHOUT LOCKABLE

REV	Änderungen - Modification	DATUM / DATE	NAME / NAME	KONTR. / CHECKED

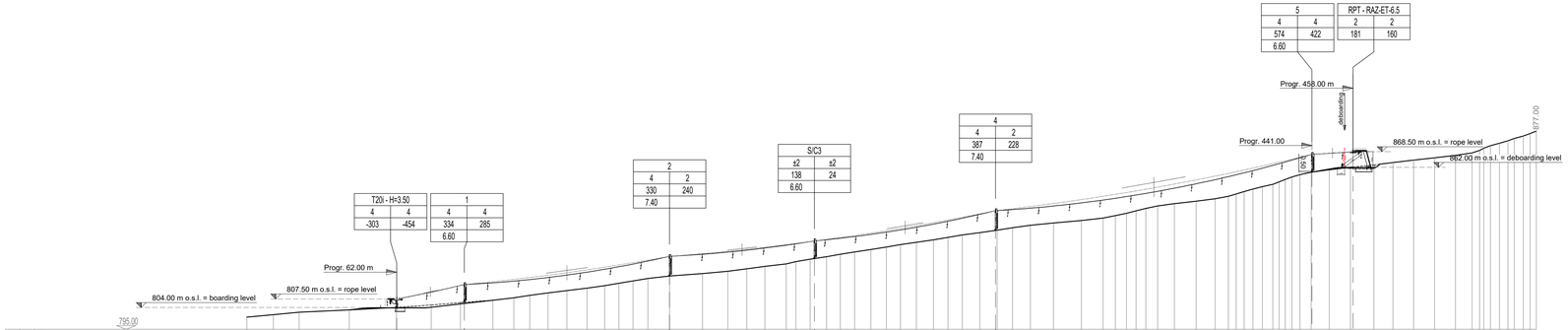
BAUGERÄNAME / NAME OF INSTALLATION: CD6 EIDFJORD - LIFT B/4C

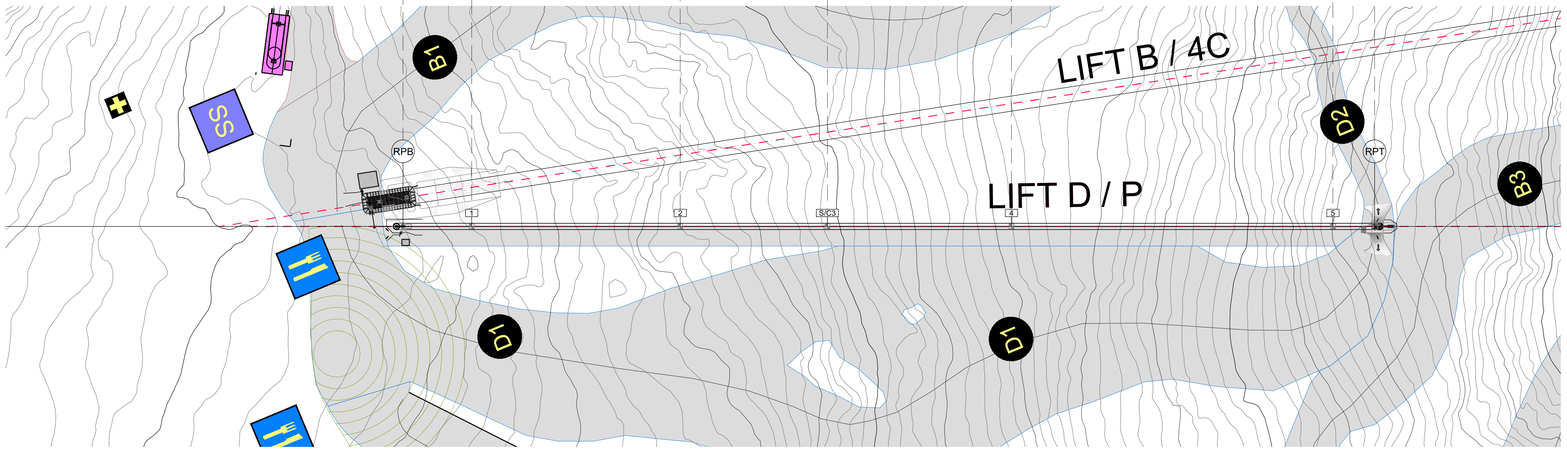
LAND / COUNTRY: NO

BENENNUNG / DESCRIPTION:
ANORDNUNG-UMLENKSTATION FIX AM BERG
LAYOUT-RETURN STATION FIXED AT TOP

LEITNER ropeways

FORMAT / FORMAT	A0	GEZEICHNET / DESIGNED BY	Da Soghe Manuel
KONTR. VON / CHECKED BY	Gasser Luis		
DATUM / DATE	13/03/2020	ZEICHNUNG DRAWING	77033366/00
MASSSTAB SCALE	1:100		





TECHNISCHE DATEN
TECHNICAL DATA

LAGE ANTRIEB POSITION OF DRIVE	TAL BOTTOM
LAGE SPANNUNG POSITION OF TENSIONING	TAL BOTTOM
DREHRICHTUNG SENSE OF ROTATION	GEGENUHRZEIGERSINN COUNTERCLOCKWISE
FAHRZEUGTYP TYPE OF CARRIER	SL LONG

HORIZONTALE LÄNGE HORIZONTAL LENGTH	396,00	m
HÖHENUNTERSCHIED VERTICAL RISE	61,00	m
SCHRÄGE LÄNGE DEVELOPED LENGTH	400,91	m
SEILDURCHMESSER ROPE DIAMETER	16	mm
DAUERLEISTUNG RATED POWER OF MAIN MOTOR	15	kW
ANFAHRLEISTUNG STARTING POWER OF MAIN MOTOR	17	kW
SPANNKRAFT NOMINAL TENSION	40	kN
SPURWEITE LINE GAUGE	2,50	m

	ENDAUSBAU FINAL CAPACITY	
FÖRDERLEISTUNG UPHILL CAPACITY	506	P/h p/h
FAHRGESCHWINDIGKEIT OPERATING SPEED	1,80	m/s m/sec
FAHRZEUGABSTAND DISTANCE BETWEEN CARRIERS	12,81	m
FOLGEZEIT TIME INTERVAL BETWEEN CARRIERS	7,12	s sec
FAHRZEUGANZAHL NUMBER OF CARRIERS	64	
FAHRZEIT TRAVEL TIME	3' 43"	

REV.	Änderungen - Modification	DATUM / DATE	NAME / NAME	KONTR. / CHECKED

ANLAGENNAME / NAME OF INSTALLATION: SL1 EIDFJORD - LIFT D/P

LAND / COUNTRY: NO

BENENNUNG / DESCRIPTION:

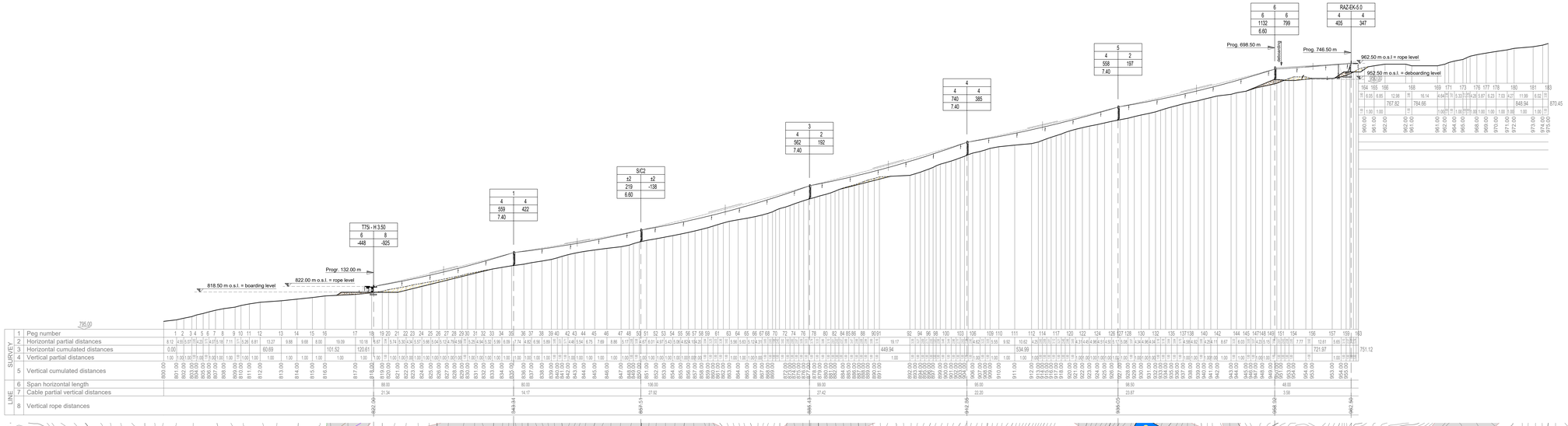
LÄNGENSCHNITT
LONGITUDINAL PROFILE

BULLWHEEL EXIT

LEITNER ropeways

FORMAT / FORMAT: A2	GEZEICHNET / DESIGNED BY: Da Soghe Manuel	KONTR. VON / CHECKED BY: Kofler Kurt	
DATUM / DATE: 12/03/2020	ZEICHNUNG DRAWING: 77033424/00		
MASSTAB SCALE: 1:1000			

ONLY FOR OFFER PROJECTS



TECHNISCHE DATEN
TECHNICAL DATA

LAGE ANTRIEB POSITION OF DRIVE	TAL BOTTOM
LAGE SPANNUNG POSITION OF TENSIONING	TAL BOTTOM
DREHRICHTUNG SENSE OF ROTATION	GEGENUHRZIGERSINN COUNTERCLOCKWISE
FAHRZEUGTYP TYPE OF CARRIER	SL LONG

HORIZONTALE LÄNGE HORIZONTAL LENGTH	614,50	m
HÖHENUNTERSCHIED VERTICAL RISE	140,50	m
SCHRÄGE LÄNGE DEVELOPED LENGTH	631,18	m
SEILDURCHMESSER ROPE DIAMETER	18	mm
DAUERLEISTUNG RATED POWER OF MAIN MOTOR	63	kW
ANFAHRLEISTUNG STARTING POWER OF MAIN MOTOR	69	kW
SPANNKRAFT NOMINAL TENSION	70	kN
SPURWEITE LINE GAUGE	3,00	m

	ENDAUSBAU FINAL CAPACITY	
FÖRDERLEISTUNG UPHILL CAPACITY	1193	P/h p/h
FAHRGESCHWINDIGKEIT OPERATING SPEED	3,00	m/s m/sec
FAHRZEUGABSTAND DISTANCE BETWEEN CARRIERS	18,11	m
FOLGEZEIT TIME INTERVAL BETWEEN CARRIERS	6,04	s sec
FAHRZEUGANZAHL NUMBER OF CARRIERS	71	
FAHRZEIT TRAVEL TIME	3' 16"	

REV.	Änderungen - Modification	DATUM / DATE	NAME / NAME	KONTR. / CHECKED

CALIDONIAN / NAME OF INSTALLATION: SL2 EIDFJORD - LIFT E/TB

LAND / COUNTRY: NO

BENENNUNG / DESCRIPTION:

LÄNGENSCHNITT
LONGITUDINAL PROFILE

LEITNER® ropeways

FORMAT / FORMAT	GEZEICHNET / DESIGNED BY	KONTR. VON / CHECKED BY
A2	Da Soghe Manuel	Kofler Kurt
DATUM / DATE 12/03/2020	ZEICHNUNG / DRAWING 77033423/00	
MASSTAB / SCALE 1:1000		

ONLY FOR OFFER PROJECTS

EIDFJORD RESORT

ecosign
Mountain Resort Planners Ltd.
Box 63 Whistler, B.C. Canada V0N 1B0 (604)932-5976 Fax:(604)932-1897
www.ecosign.com info@ecosign.com

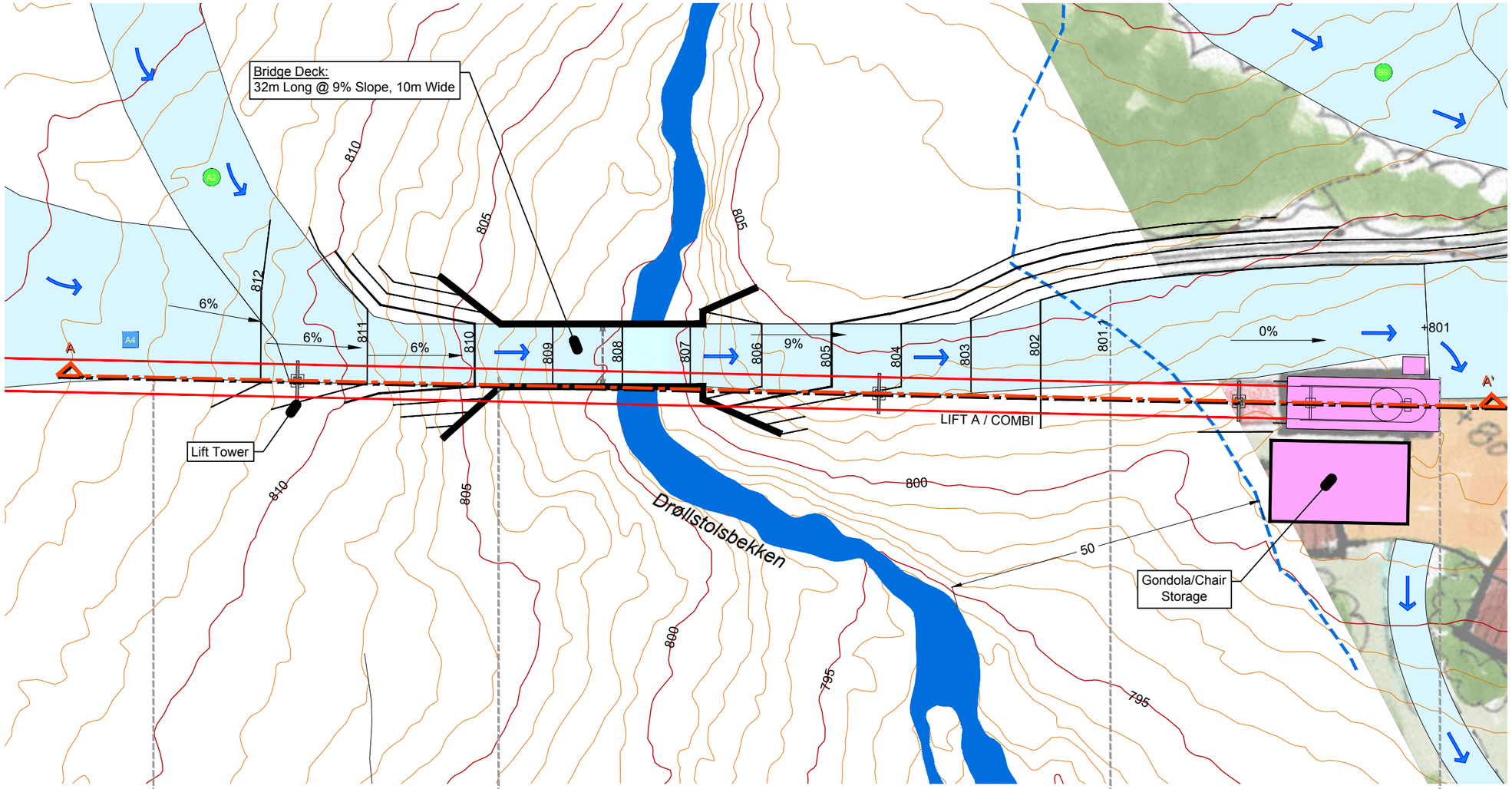
Contour Interval: 1 metre

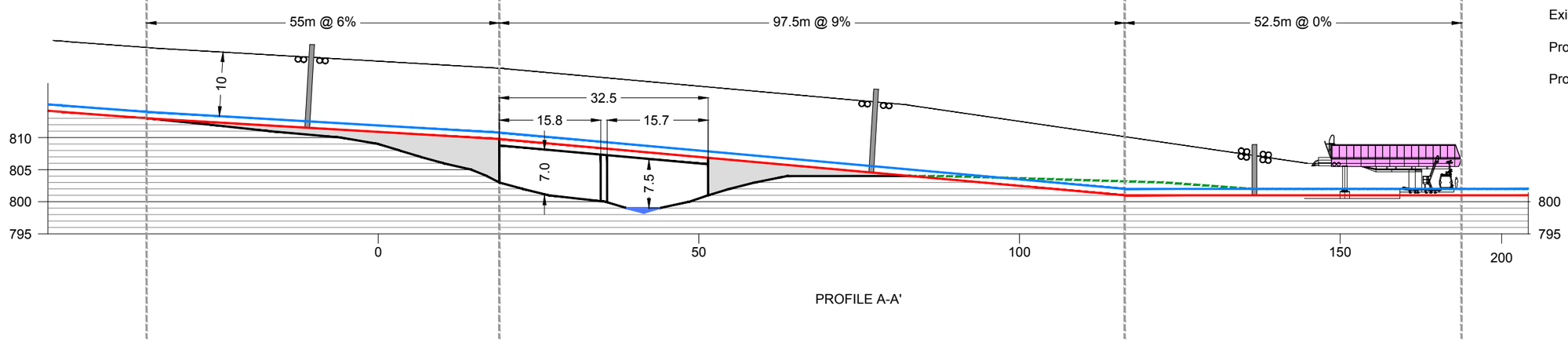
Date: 12/2015

0m 10 20 30 40

LEGEND

- Existing Contours
- Proposed Contours
- Proposed Lift
- Proposed Trail
- Skier Direction
- River
- Bridge
- A-A' Profile Line
- 50m Riparian Setback



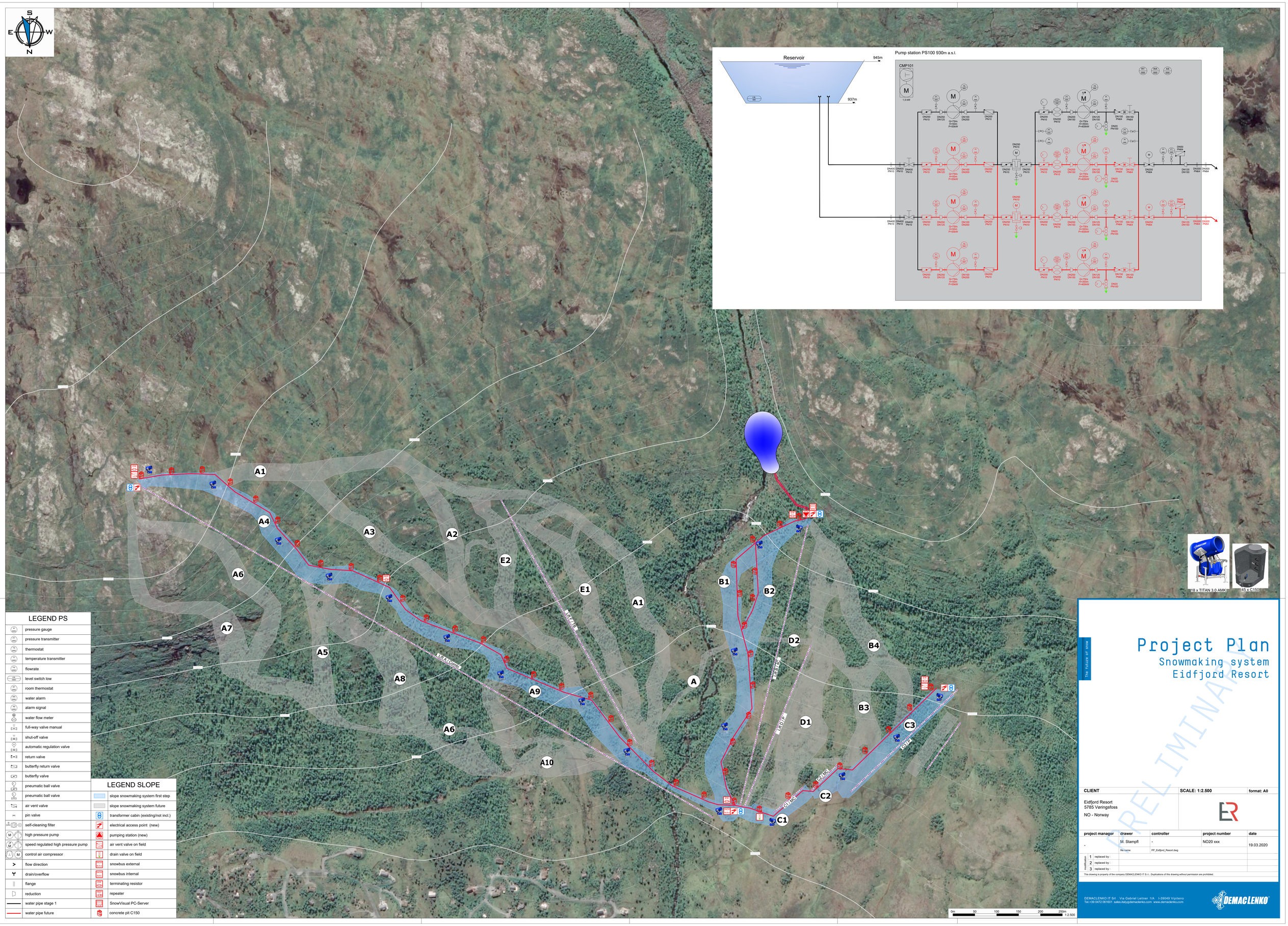


PROFILE A-A'

PROFILE LEGEND

- Existing Ground Elevation
- Proposed Ground Elevation
- Proposed Snow Elevation

DRØLLSTOLSBEKKEN SKIER BRIDGE CONCEPT ----



LEGEND PS

	pressure gauge
	pressure transmitter
	thermostat
	temperature transmitter
	flowrate
	level switch low
	room thermostat
	water alarm
	alarm signal
	water flow meter
	full-way valve manual
	shut-off valve
	automatic regulation valve
	return valve
	butterfly return valve
	butterfly valve
	pneumatic ball valve
	pneumatic ball valve
	air vent valve
	pin valve
	self-cleaning filter
	high pressure pump
	speed regulated high pressure pump
	control air compressor
	flow direction
	drain/overflow
	flange
	reduction
	water pipe stage 1
	water pipe future

LEGEND SLOPE

	slope snowmaking system first step
	slope snowmaking system future
	transformer cabin (existing/not incl.)
	electrical access point (new)
	pumping station (new)
	air vent valve on field
	drain valve on field
	snowbus external
	snowbus internal
	terminating resistor
	repeater
	SnowVisual PC-Server
	concrete pit C150

The future of snow

Project Plan

Snowmaking system
Eidfjord Resort

PRELIMINARY

CLIENT	SCALE: 1:2.500	format: A0
Eidfjord Resort 5785 Væringsfoss NO - Norway		

project manager	drawer	controller	project number	date
-	M. Stampfl	-	NO20 xxx	19.03.2020
	file name:	PP_Eidfjord_Resort.dwg		

revision			
1	replaced by :		
2	replaced by :		
3	replaced by :		

DEMACLENKO IT Srl Via Gabriel Leitner 1/A I-39049 Vipiteno
Tel.+39 0472 061601 sales.italy@demaclenko.com www.demaclenko.com

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