

ABEST

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Mountain Resorts Development Company

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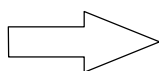
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GEORGIA

SNOW MAKING AND LEISURE LAKE

Resort : DIDVELI / BAKURIANI Country : GEORGIA

DESIGN PROJECT



- 1 - Site plan
- 2 - General drawing
- 3 - Cross - section
- 4 - Section and detail drawing
- 5 - Landscape scenery (insertion)

Reference (ABEST) : P:\2014\14-043 Lakes Gudauri\PRO\Bakuriani Lake.dwg

INDEX	DATE	EST.	VERIF.	OBSERVATIONS-MODIFICATIONS
0	26-02-15	VB	BB/DL	FIRST DRAWING

SITE PLAN

Bakuriani

Didi Mitarbi

Bakurianis Andeziti

Didveli

Lake Project

Gondola lift

Ski lift

2532 m

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Lake Project

Bottom Station

Gondola lift

Top Station

Ski lift

Ski lift

484 m

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[illegible]

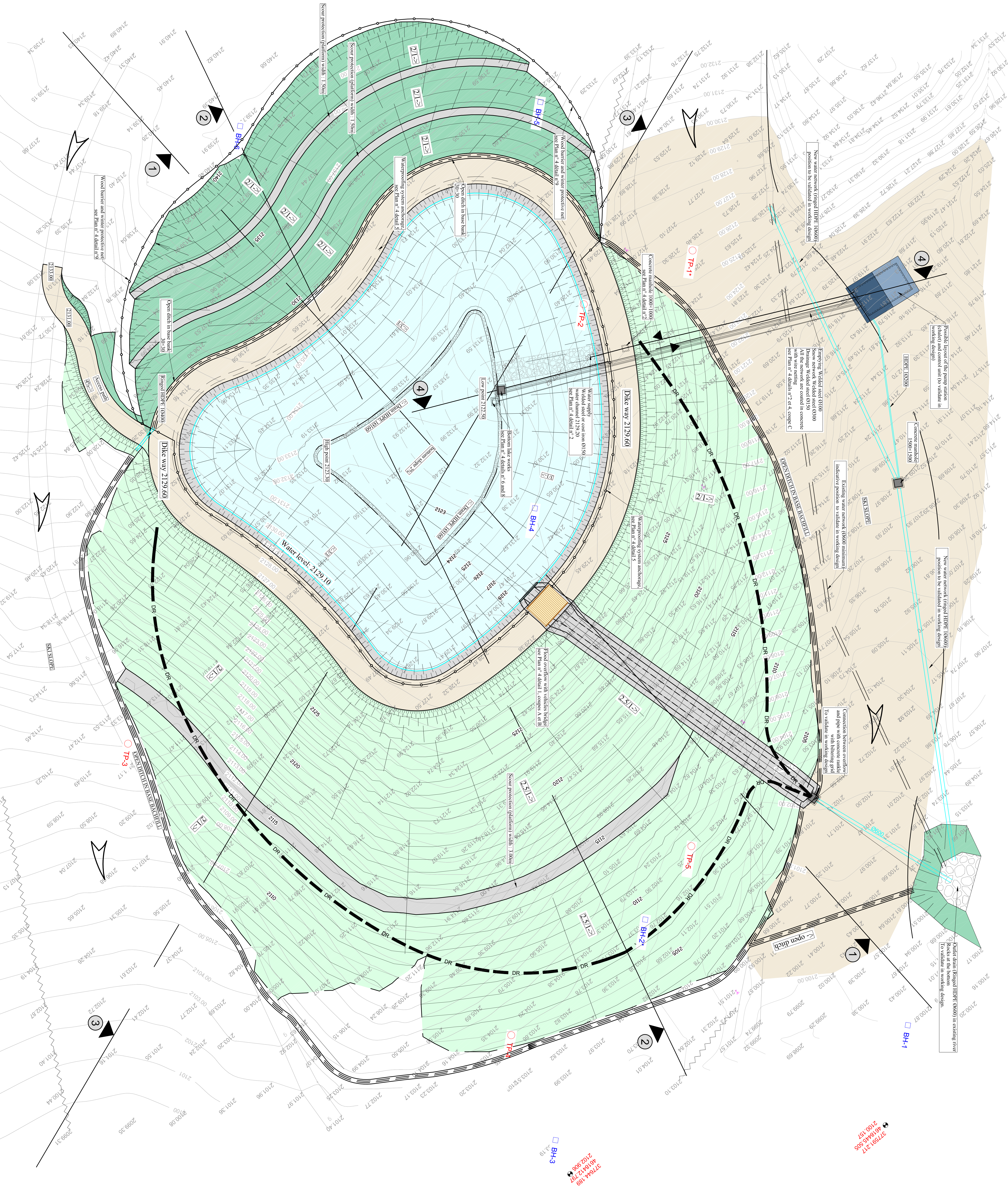
PROJECT OVERVIEW

Lake :

water volume = 15 900 m³

Earthwork volumes

organic / gross soil	= 6500 m ³ (depth 30cm)
Evacuated material	= 38 000 m ³ (without waterproofing system)
Backfill material	= 37 000 m ³ (without drainage layer)





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SCALE : 1/500

INDEX	DATE	EST.	VERIF.	OBSERVATIONS-MODIFICATIONS
0	26-02-15	VB	BB/DL	FIRST DRAWING
A	05-03-15	VB	BB/DL	PAGE SETUP MODIFICATION

LEGEND : Interpretative geologic section (according to the interpolation of the punctual geotechnical investigation).



Organic clayey / grass soil (approximately 30 to 40 cm) EGE1
Gravel in crush stone clayey EGE7 - EGE8



Sandy and clay soil with gravel and crushed stone EGE2 to EGE6



Borehole (From GUIRGUINI LTD Study)

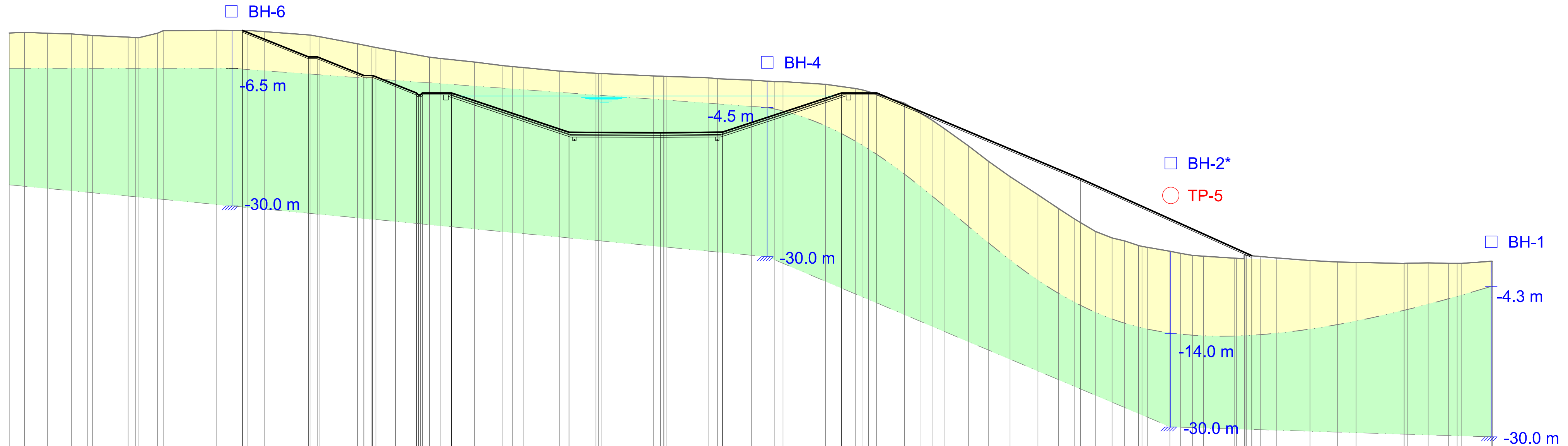


Pit (From GUIRGUINI LTD Study)

CROSS SECTION N°1

X scale : 1/500

Y scale : 1/500

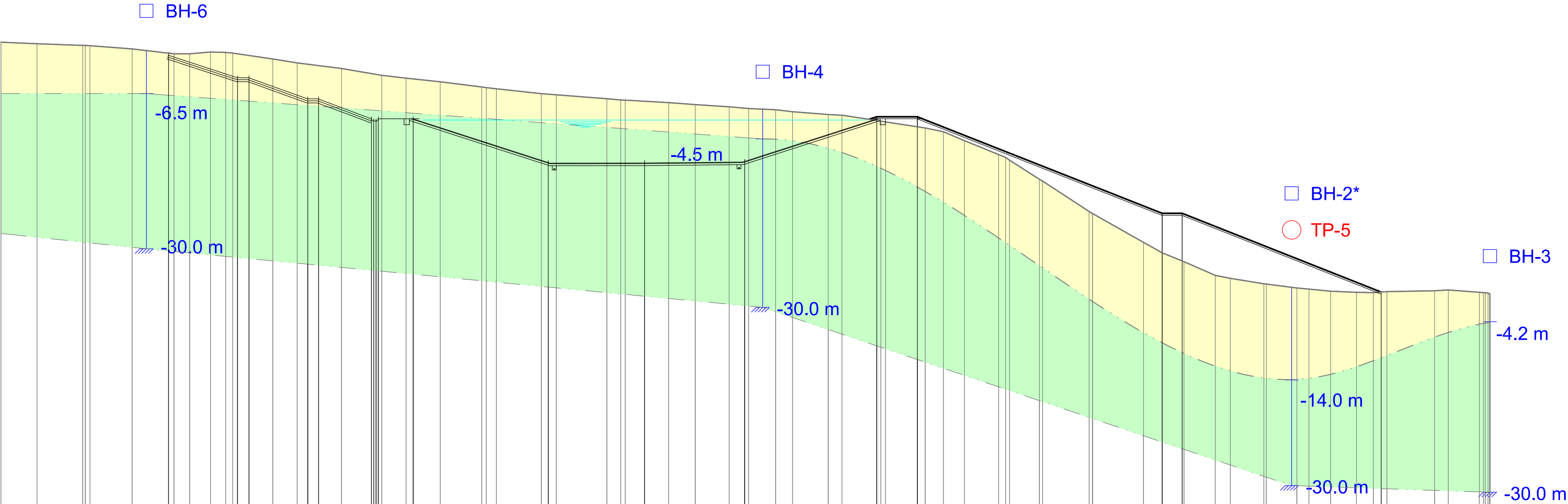


Reference level : 2063.00 m

[illegible]

CROSS SECTION N°2

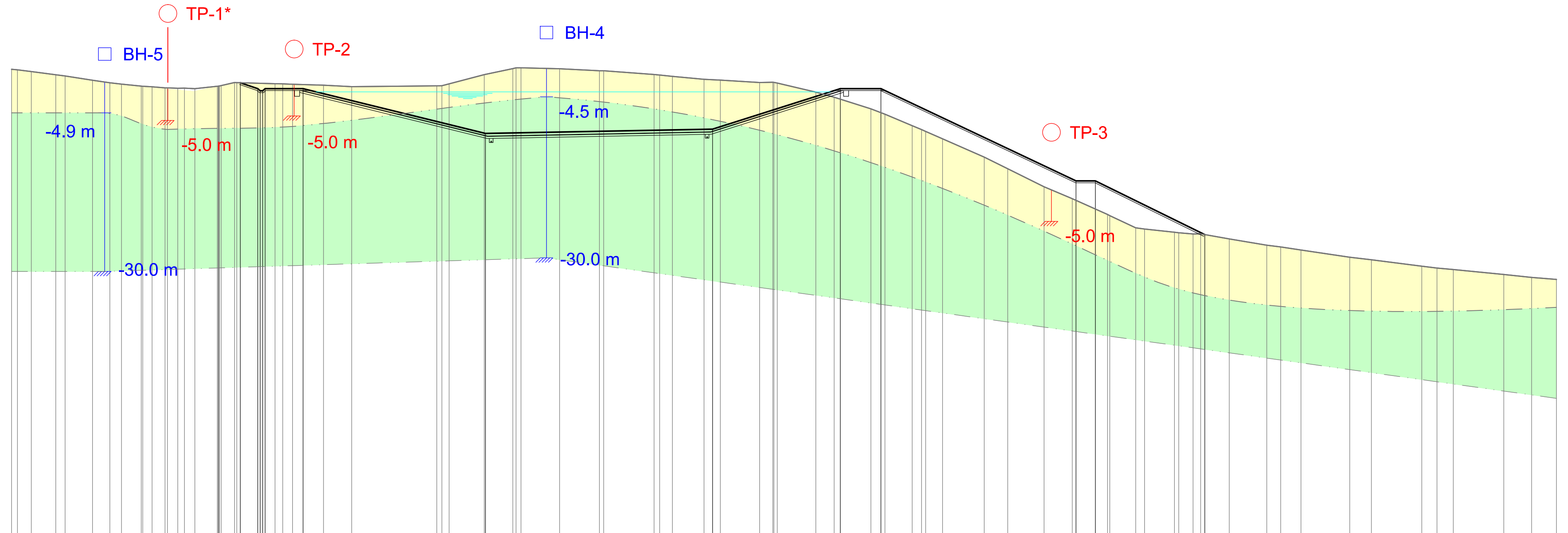
X scale : 1/500
Y scale : 1/500



Reference level : 2065.00 m

Altitudes Natural Ground	2140.89	2140.66	2140.40	2139.86	2139.13	2139.40	2138.34	2136.90	2135.86	2134.89	2134.11	2133.10	2132.33	2131.74	2131.09	2130.65	2129.94	2128.94	2127.91	2125.98	2123.89	2120.14	2115.27	2110.58	2107.67	2105.14	2104.32	2103.68	2103.19	2102.99	2103.26	2102.78
Dist. accumulated Natural Ground	0.82	6.28	13.20	20.67	26.99	32.52	41.94	52.34	59.44	67.27	73.54	82.57	92.46	101.84	110.98	118.00	125.96	133.93	140.63	146.56	151.72	157.90	165.42	173.66	179.76	186.78	191.85	196.86	201.95	208.40	217.67	226.06
Altitudes Project					2139.22		2135.80		2132.60		2129.60	2129.60		2123.00		2123.16		2129.60	2129.60					2115.00						2103.07		
Dist accumulated PROJECT					26.17		36.61		47.24		56.87	63.17		83.61		98.18		113.32	133.31	139.44					176.47					209.60		
Gradient / slope					S = -32.77 % L = 10.44 m		S = -35.96 % L = 8.90 m		S = -37.47 % L = 8.01 m		S = 0.00 % L = 5.26 m	SLOPE L = 20.44 m S = -32.34 %		S = 0.09 % L = 14.57 m		S = 1.07 % L = 15.13 m	LENGTH= 19.99 m SLOPE = 32.20 %	S = 0.00 % L = 6.13 m	LENGTH = 37.03 m SLOPE = -39.42 %					LENGTH = 30.10 m SLOPE = -39.63 %								

CROSS SECTION N°3



X scale : 1/500

Y scale : 1/500

Reference level : 2059.00 m

[illegible]