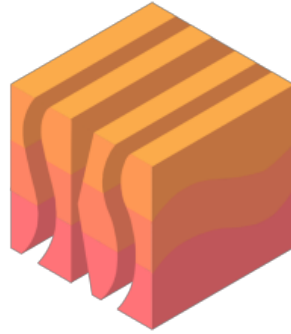


DEMO TUNNEL INSPECTION REPORT

Report done by PT. SURYA KWON SUNG



For

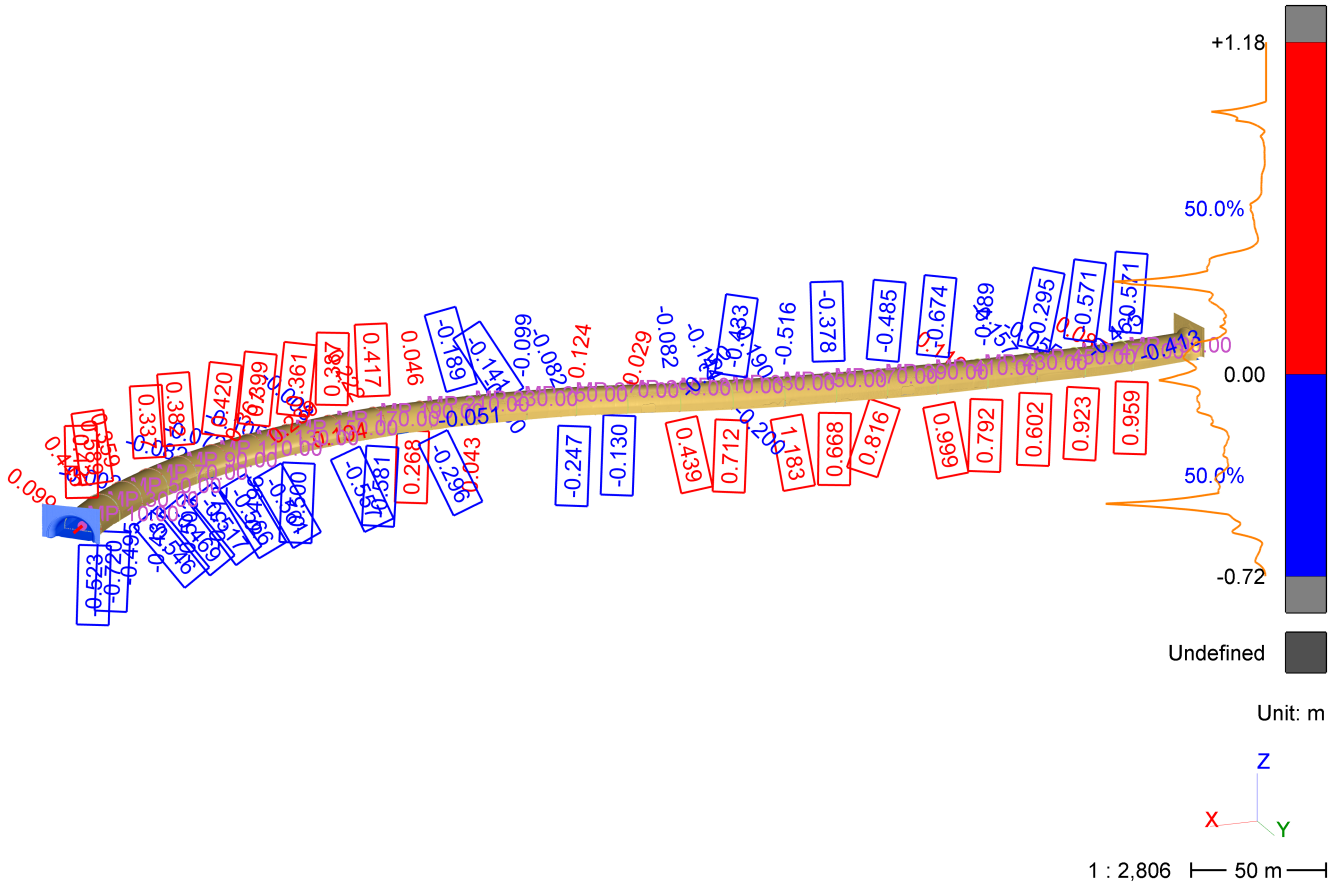
CLIENT

3/22/2025

Website: www.3dscanindonesia.co.id
Tel & WhatsApp: +6287876772196
Email: stephen@3dscanindonesia.co.id



TUNNEL CROSS SECTIONS



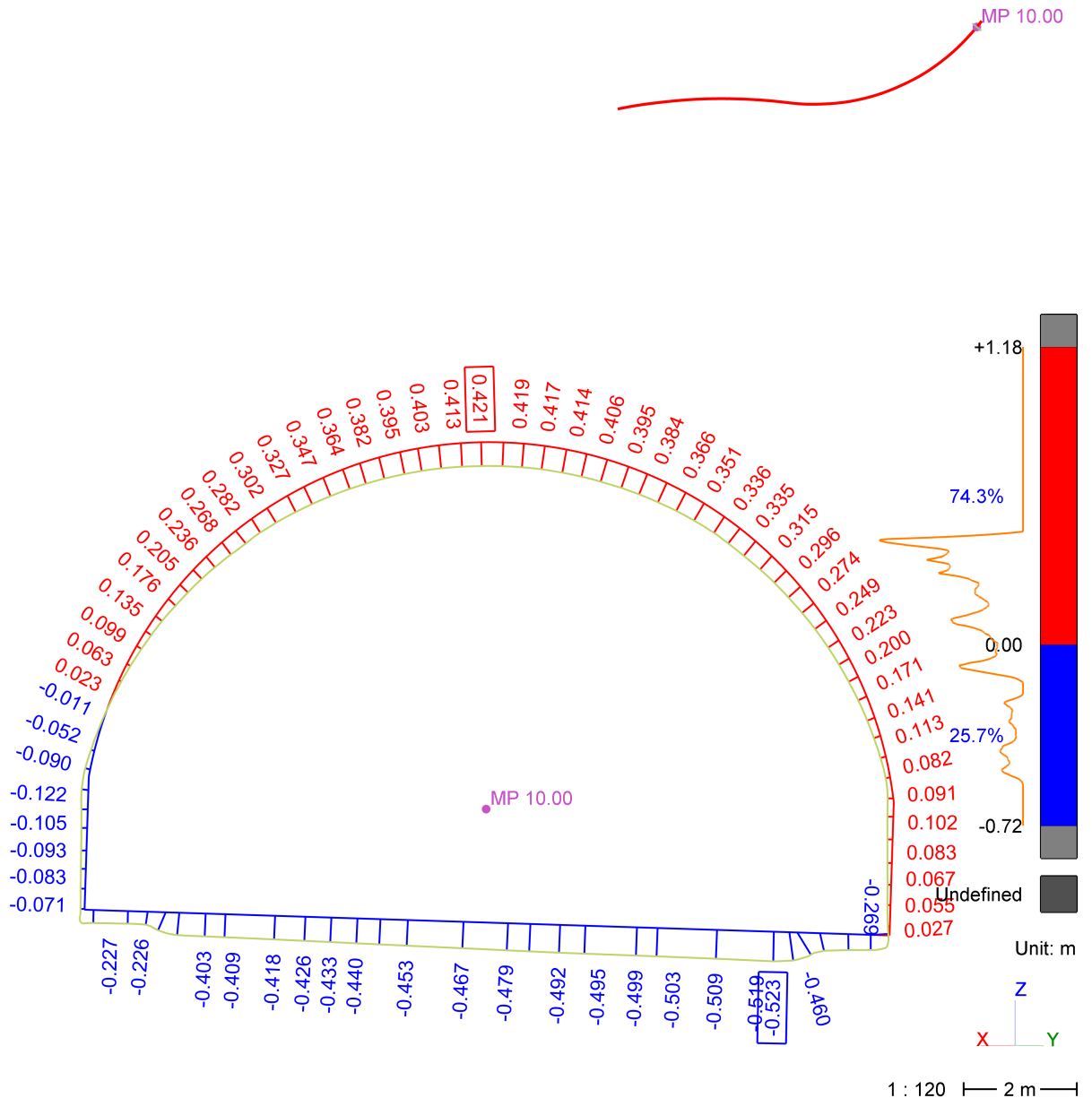


Section	Average Dev. (m)	Min. Dev. (m)	Max. Dev. (m)
MP 10.00	0.138	-0.523	0.421
MP 30.00	0.187	-0.720	0.589
MP 50.00	0.084	-0.546	0.435
MP 70.00	0.087	-0.469	0.337
MP 90.00	0.081	-0.517	0.382
MP 110.00	0.072	-0.566	0.420
MP 130.00	0.065	-0.561	0.399
MP 150.00	0.063	-0.500	0.361
MP 170.00	0.106	-0.557	0.387
MP 190.00	0.056	-0.581	0.417
MP 210.00	-0.008	-0.296	0.268
MP 230.00	-0.062	-0.189	0.570
MP 250.00	-0.058	-0.141	0.418
MP 270.00	0.021	-0.247	0.281
MP 290.00	-0.007	-0.130	0.130
MP 310.00	0.155	-0.263	0.439
MP 330.00	-0.170	-0.433	0.712
MP 350.00	-0.248	-0.526	1.183
MP 370.00	-0.160	-0.378	0.668
MP 390.00	-0.108	-0.485	0.816
MP 410.00	-0.130	-0.674	0.999
MP 430.00	-0.144	-0.501	0.792
MP 450.00	-0.134	-0.295	0.602
MP 470.00	-0.293	-0.571	0.923
MP 490.00	0.330	-0.571	0.959



MP 10.00

(X= 586,293.015 m ; Y= 2,368,810.827 m ; Z= 329.655 m)

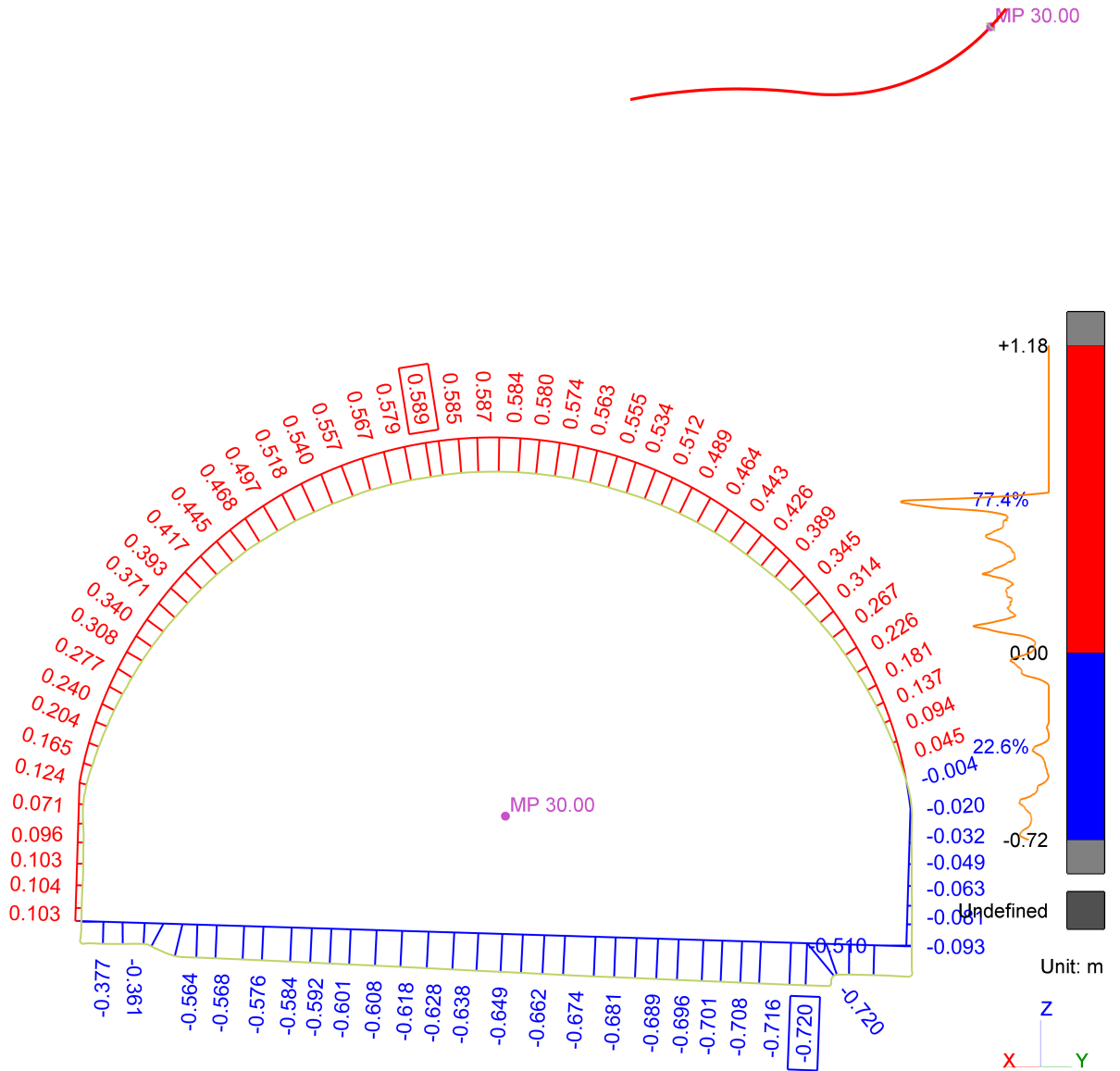


Magnification x1.000



MP 30.00

(X= 586,279.751 m ; Y= 2,368,795.869 m ; Z= 329.177 m)



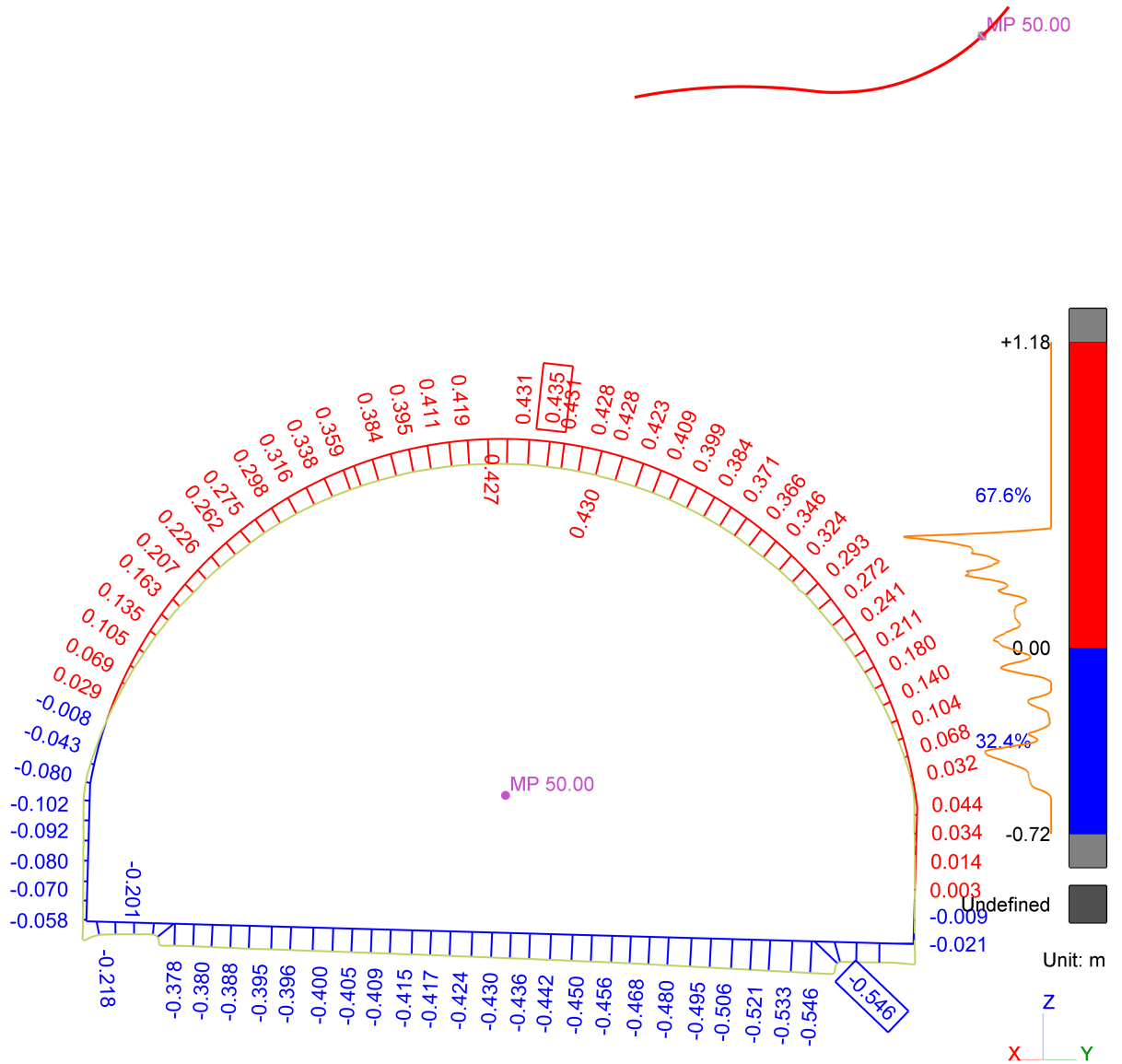
1 : 120 | 2 m

Magnification x1.000



MP 50.00

(X= 586,265.583 m ; Y= 2,368,781.768 m ; Z= 328.668 m)



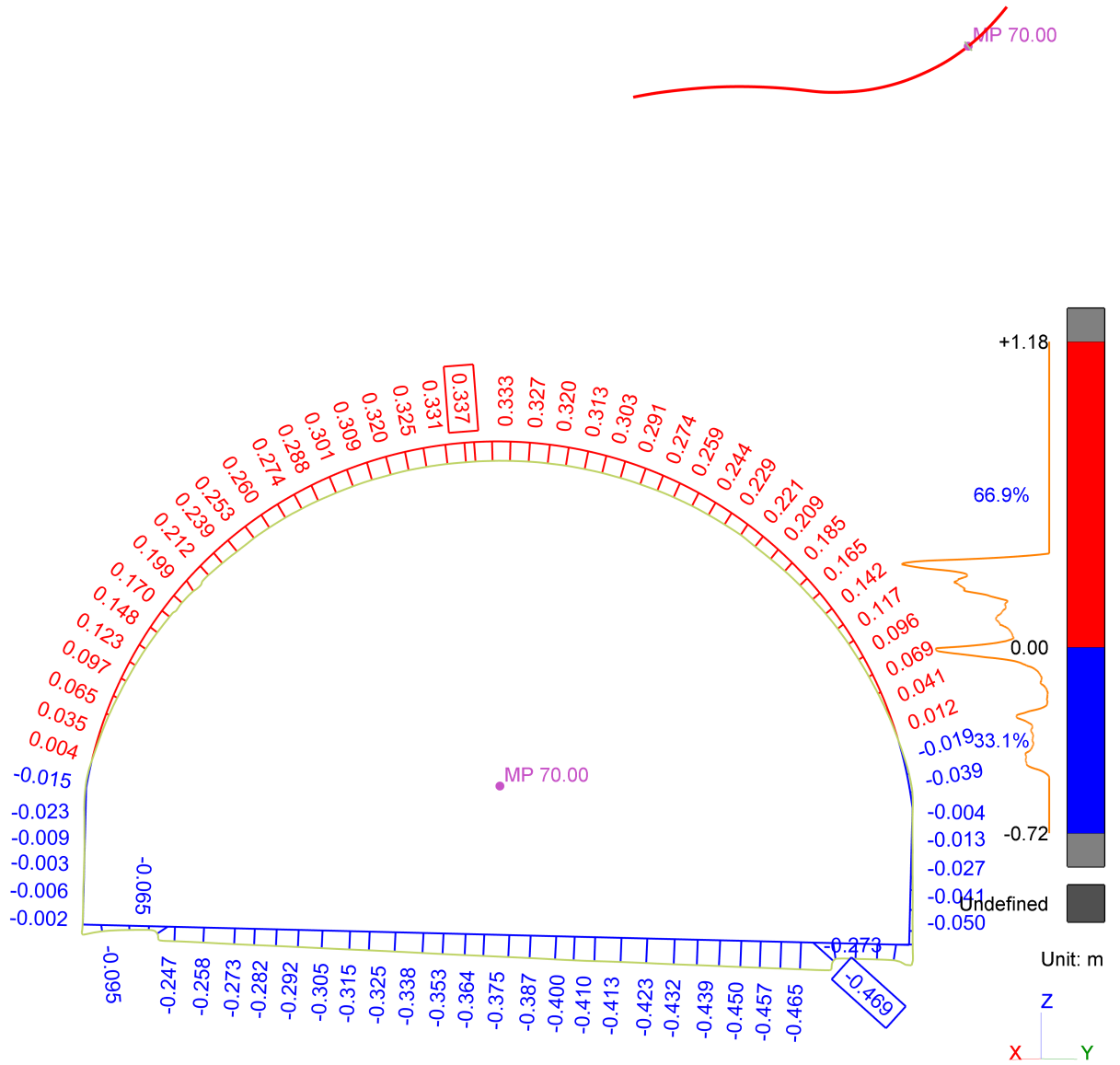
1 : 120 | 2 m

Magnification x1.000



MP 70.00

(X= 586,250.388 m ; Y= 2,368,768.782 m ; Z= 328.124 m)



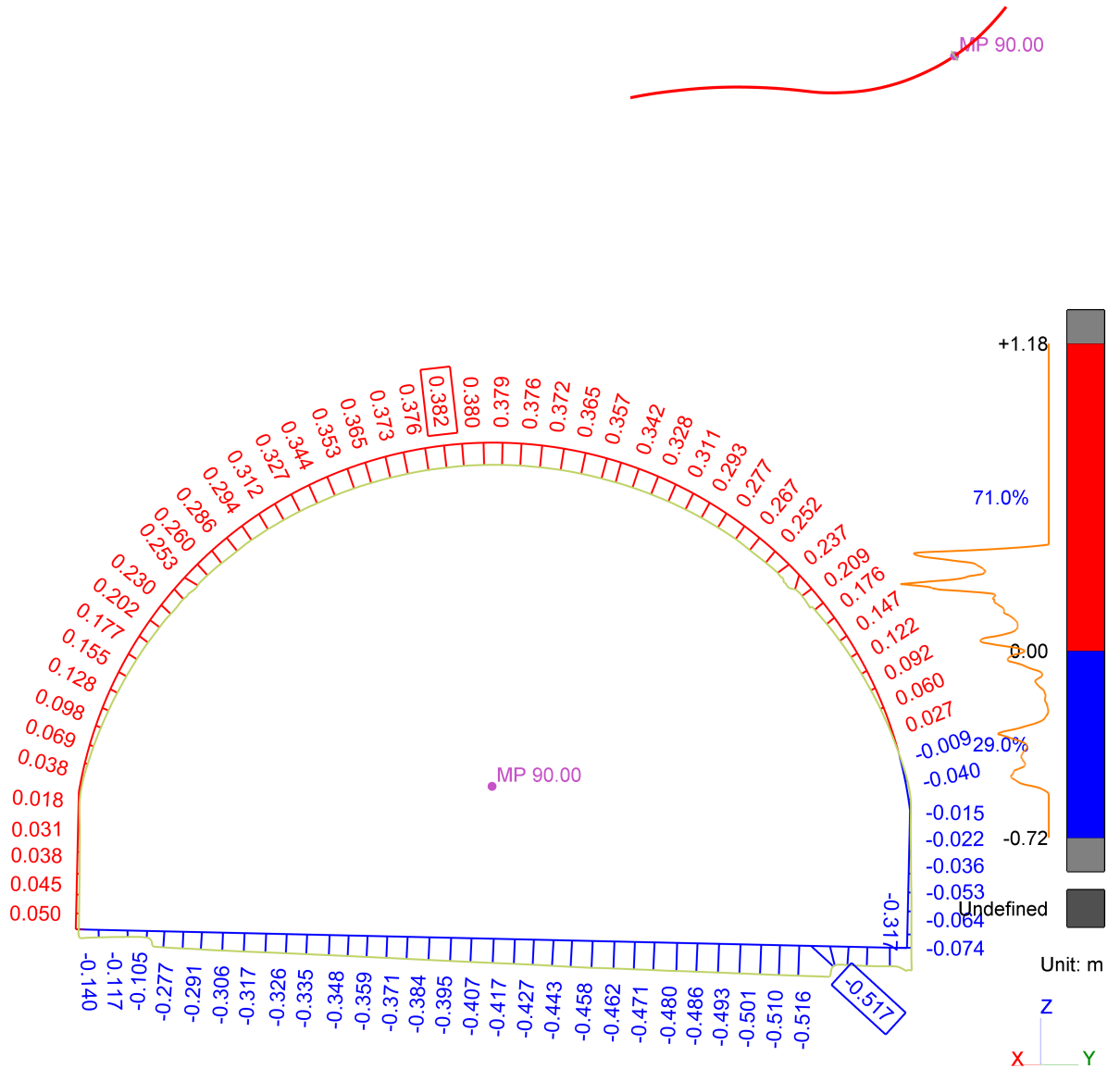
1 : 120 | 2 m

Magnification x1.000



MP 90.00

(X= 586,234.303 m ; Y= 2,368,756.918 m ; Z= 327.548 m)



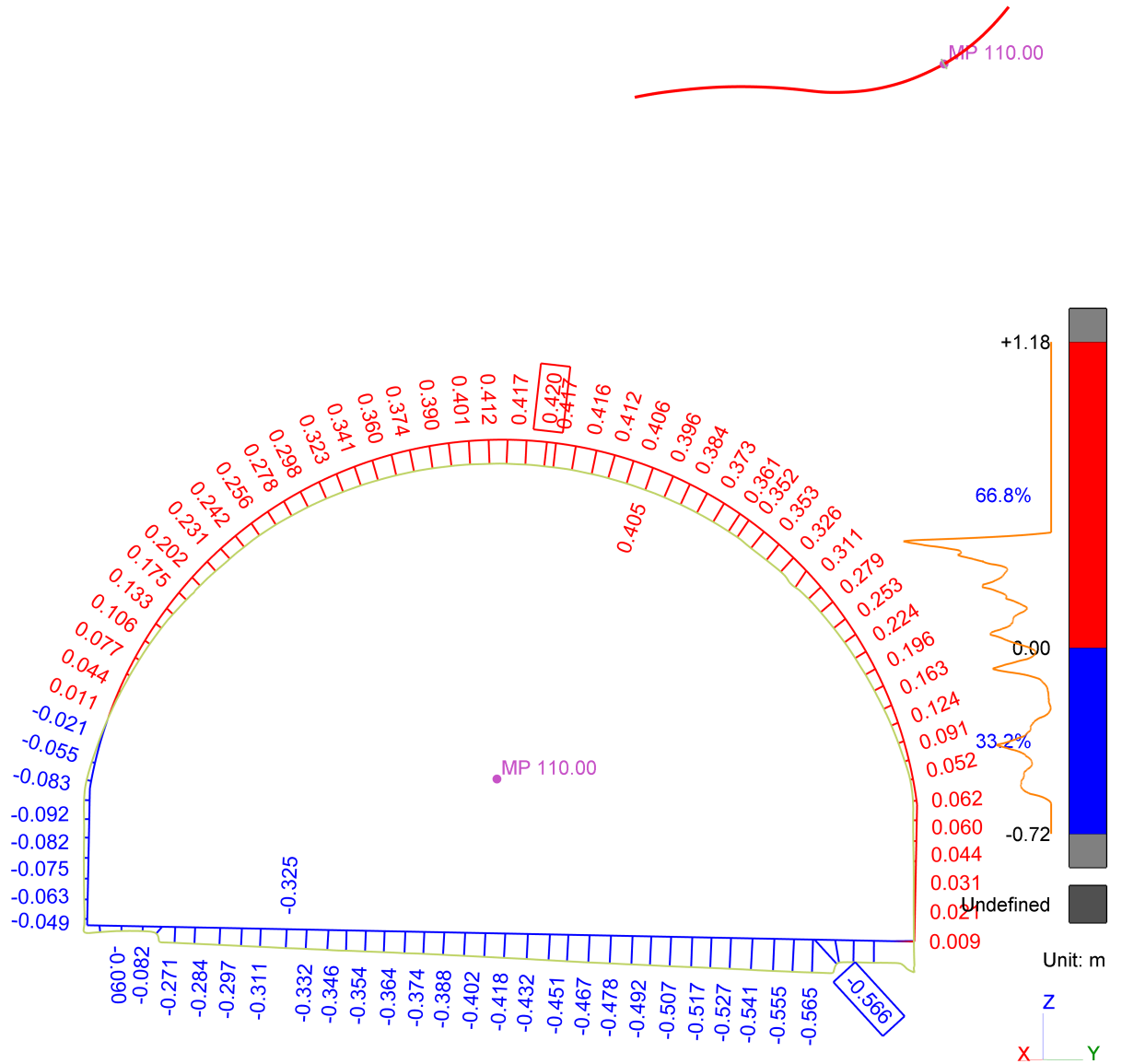
1 : 120 | 2 m

Magnification x1.000



MP 110.00

(X= 586,217.361 m ; Y= 2,368,746.318 m ; Z= 326.944 m)



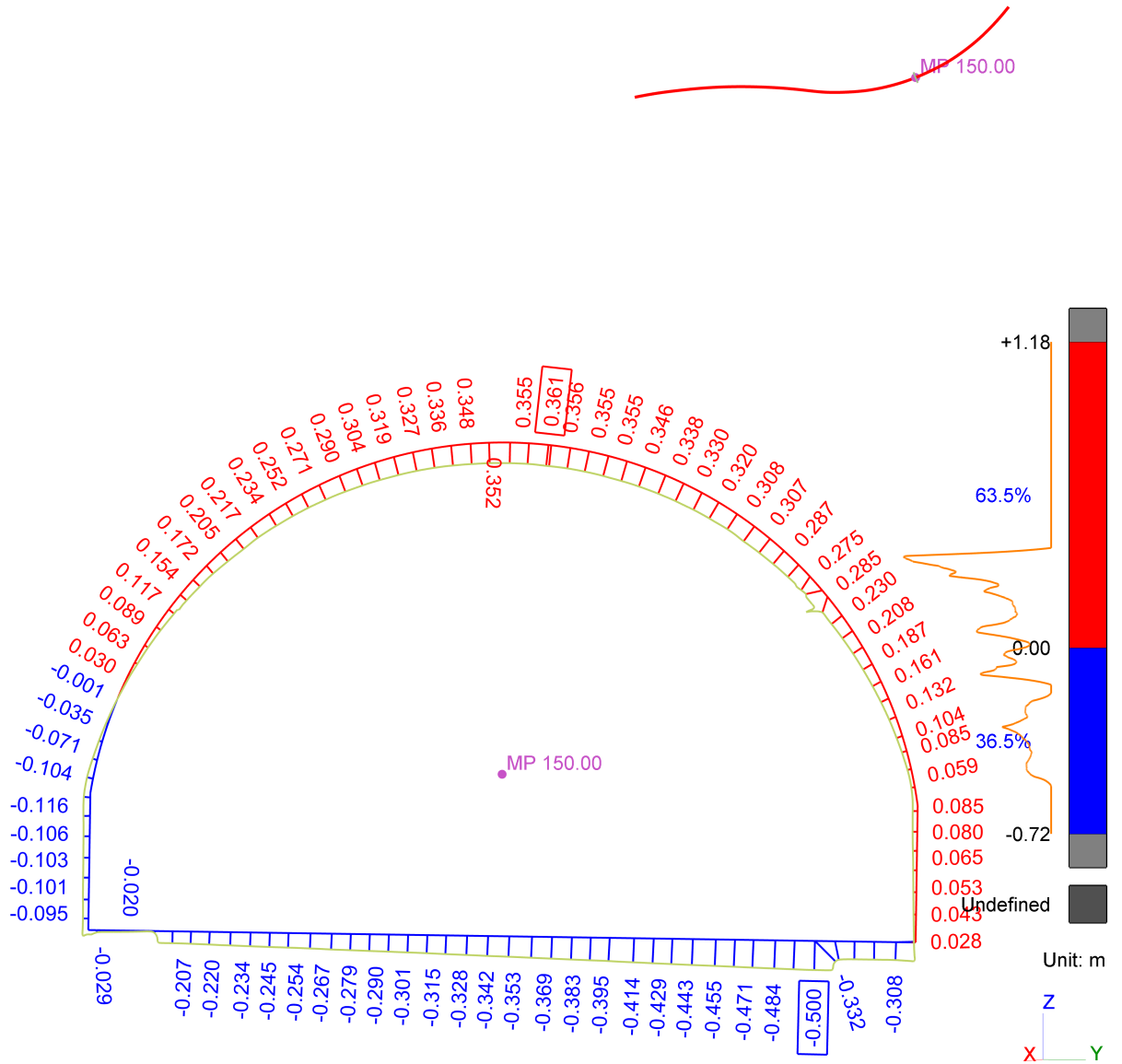
1 : 120 | 2 m

Magnification x1.000



MP 150.00

(X= 586,181.284 m ; Y= 2,368,729.150 m ; Z= 325.660 m)



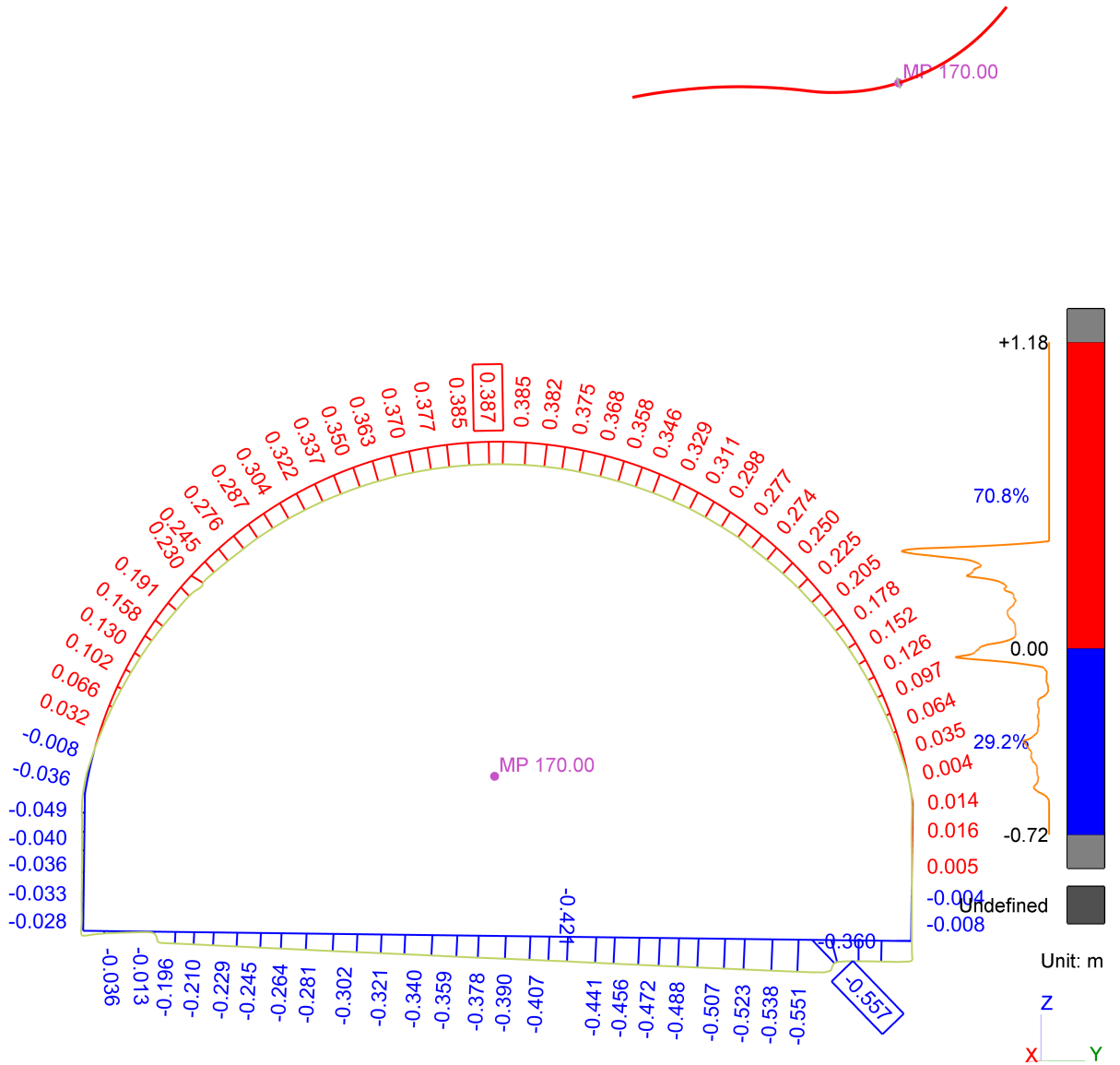
1 : 120 | 2 m

Magnification x1.000



MP 170.00

(X= 586,162.463 m ; Y= 2,368,722.435 m ; Z= 324.992 m)



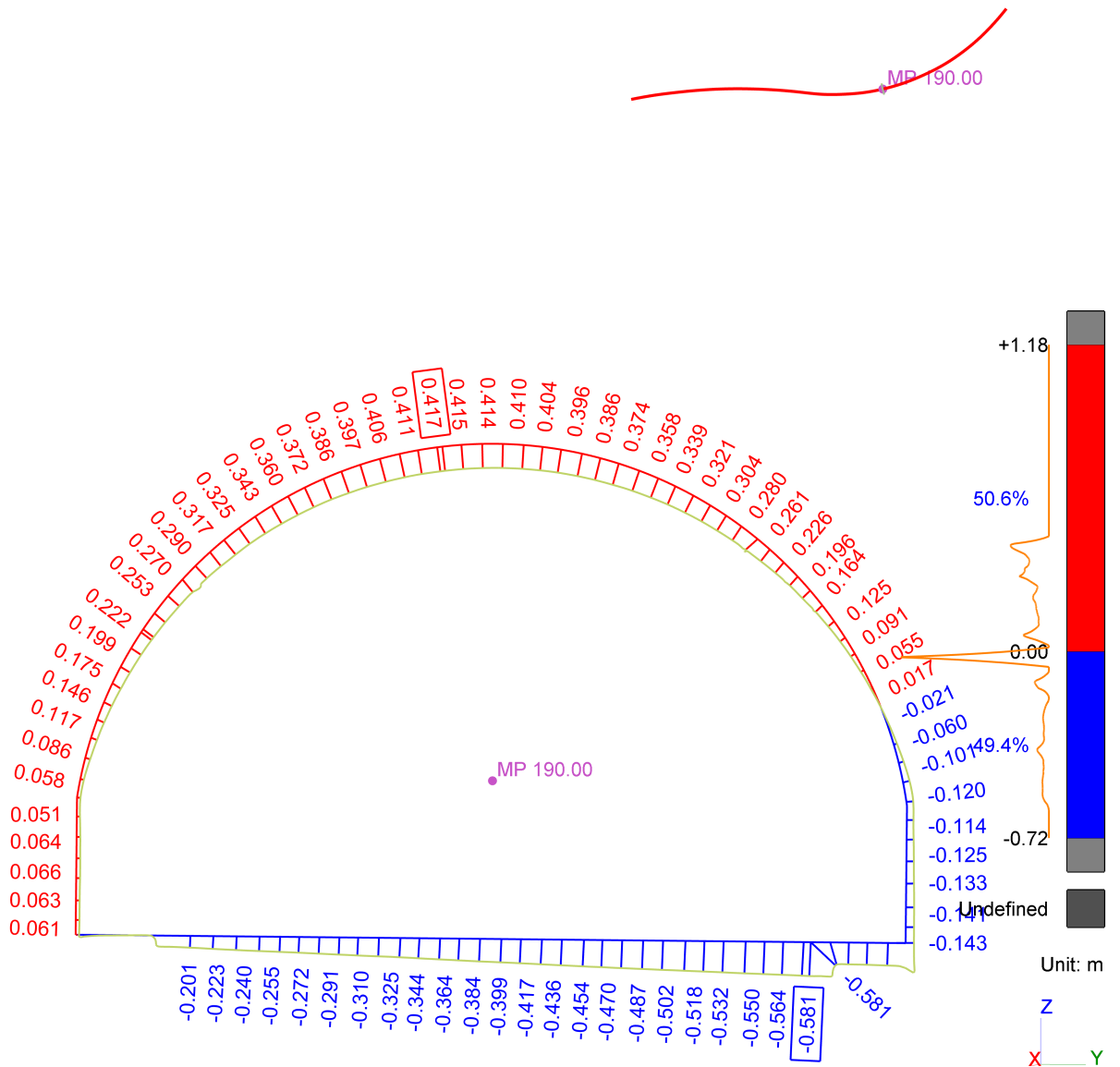
1 : 120 | 2 m

Magnification x1.000



MP 190.00

(X= 586,143.172 m ; Y= 2,368,717.220 m ; Z= 324.308 m)



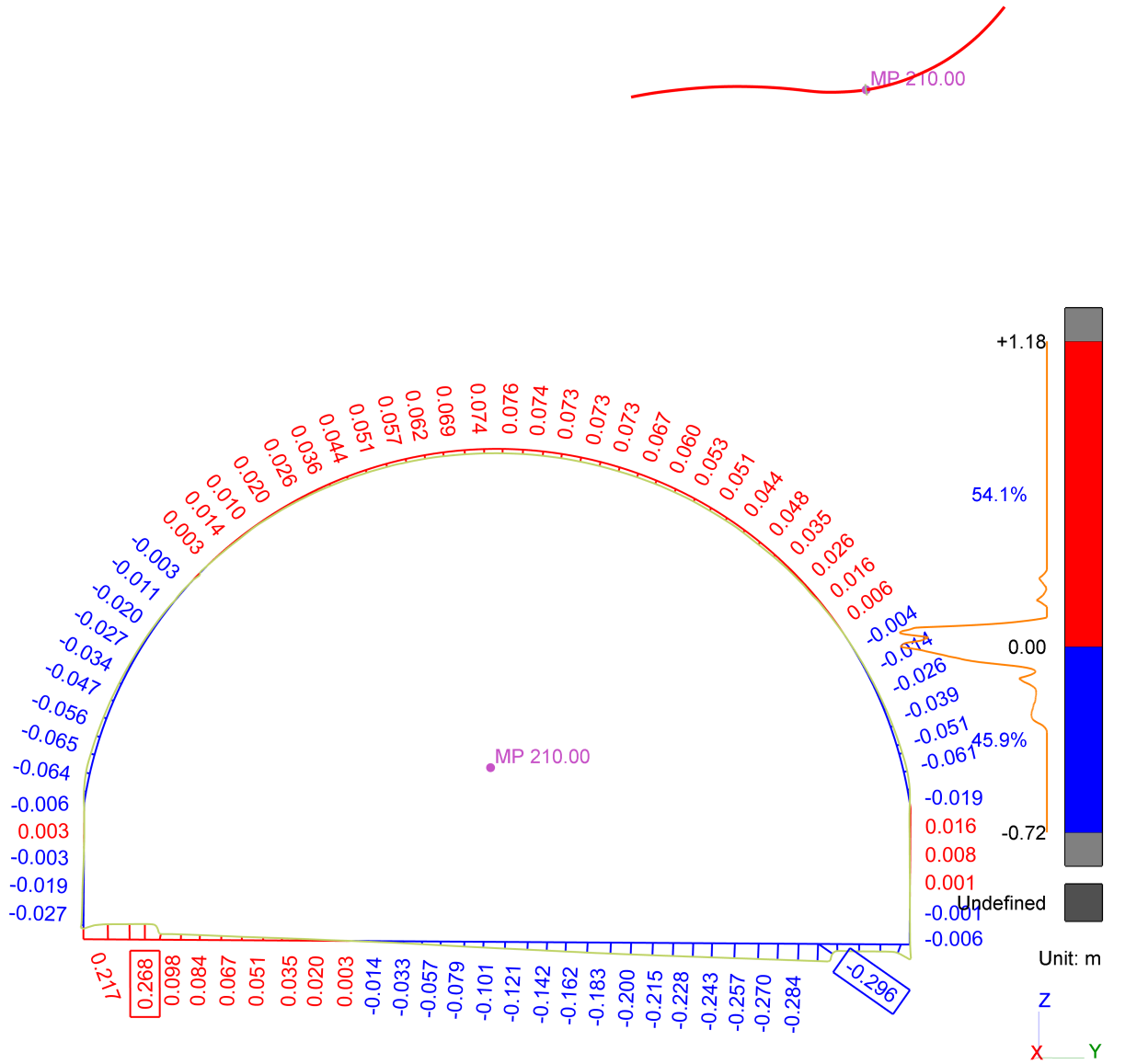
1 : 120 | 2 m

Magnification x1.000



MP 210.00

(X= 586,123.554 m ; Y= 2,368,713.415 m ; Z= 323.614 m)



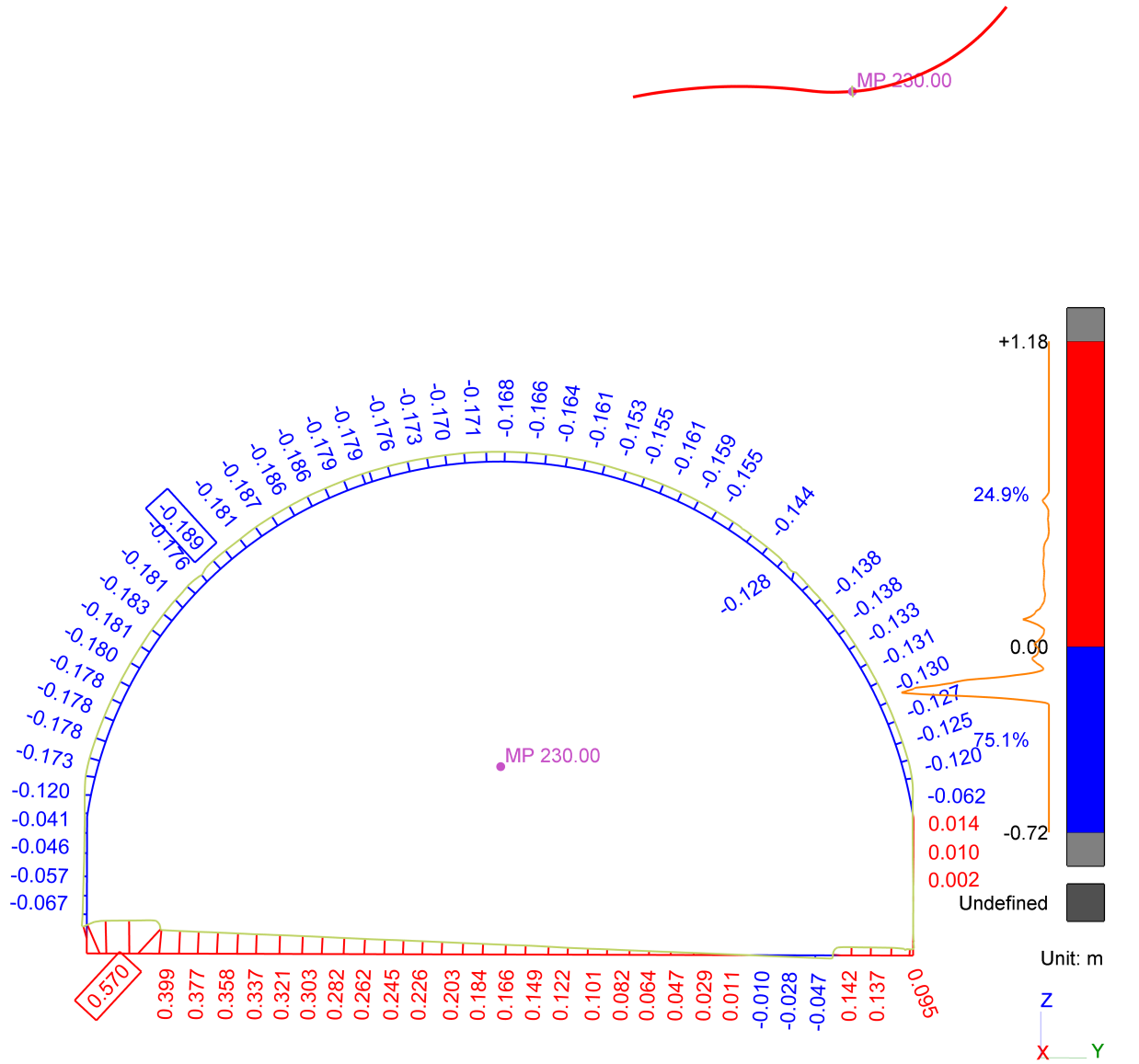
1 : 120 | 2 m

Magnification x1.000



MP 230.00

(X= 586,103.689 m ; Y= 2,368,711.255 m ; Z= 322.912 m)

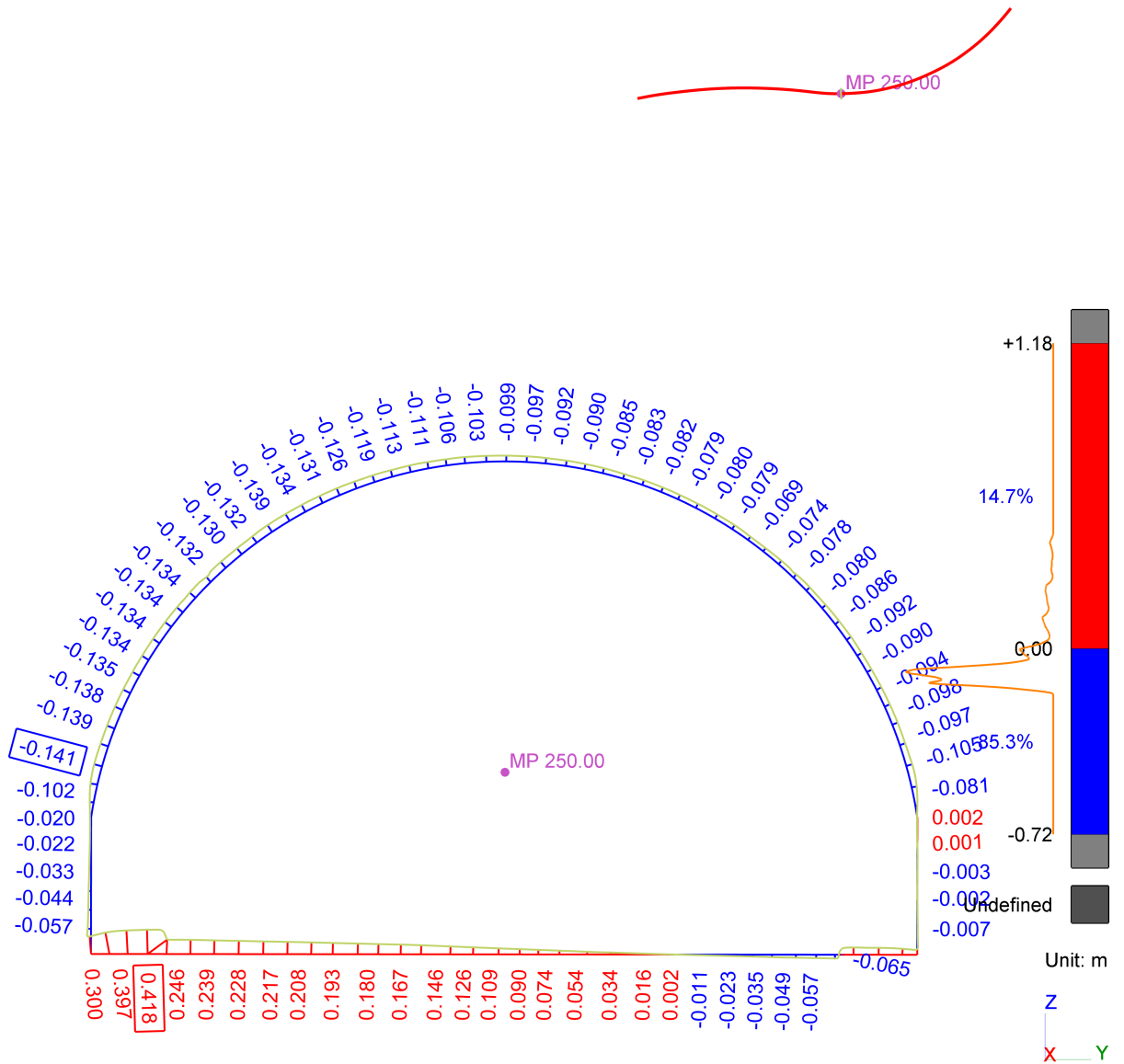


1:120 | 2 m |
Magnification x1.000



MP 250.00

(X= 586,083.723 m ; Y= 2,368,710.370 m ; Z= 322.207 m)



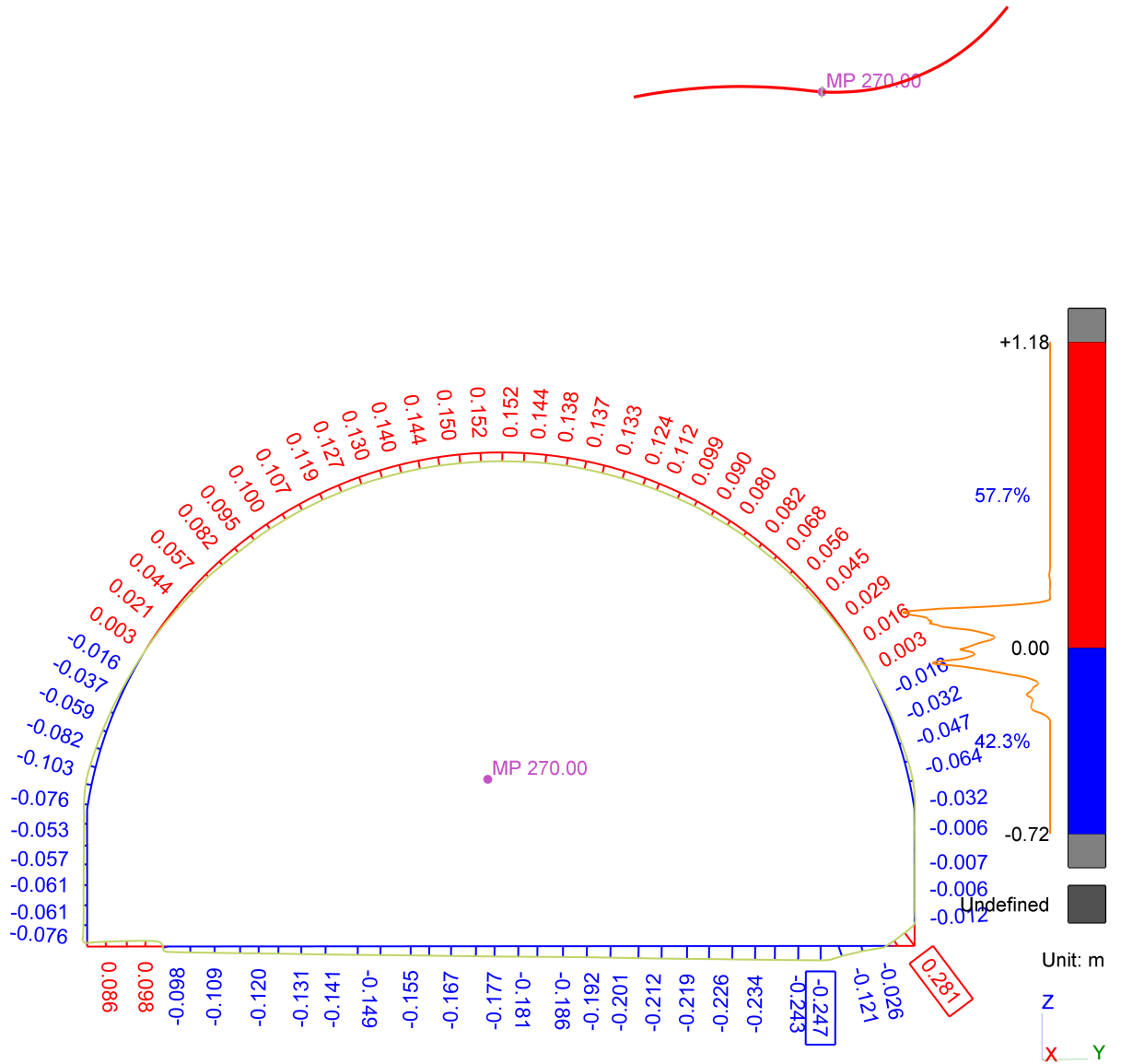
1 : 120 | 2 m

Magnification x1.000



MP 270.00

(X= 586,063.746 m ; Y= 2,368,710.772 m ; Z= 321.503 m)



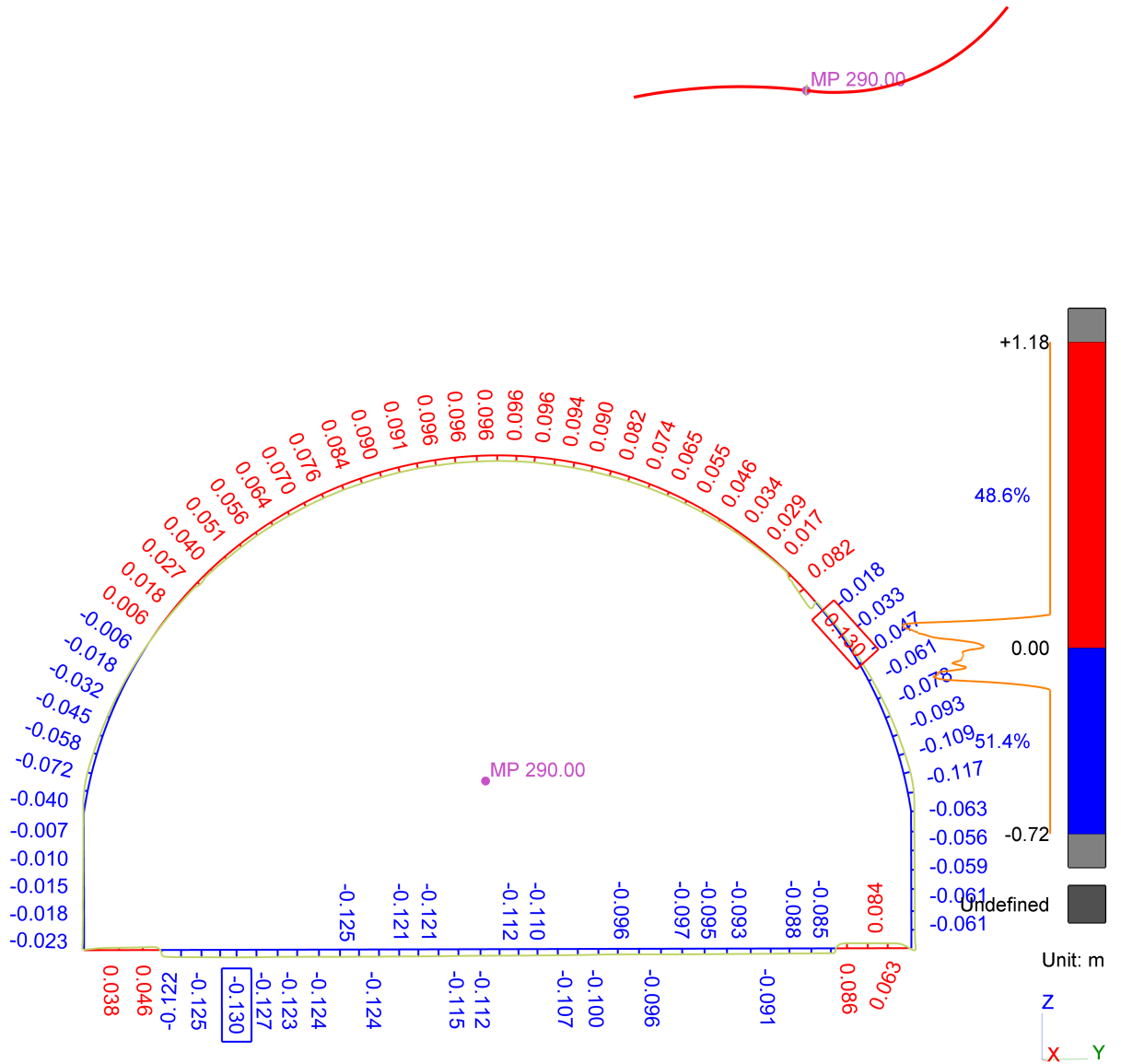
1 : 120 | 2 m

Magnification x1.000



MP 290.00

(X= 586,043.857 m ; Y= 2,368,712.740 m ; Z= 320.803 m)



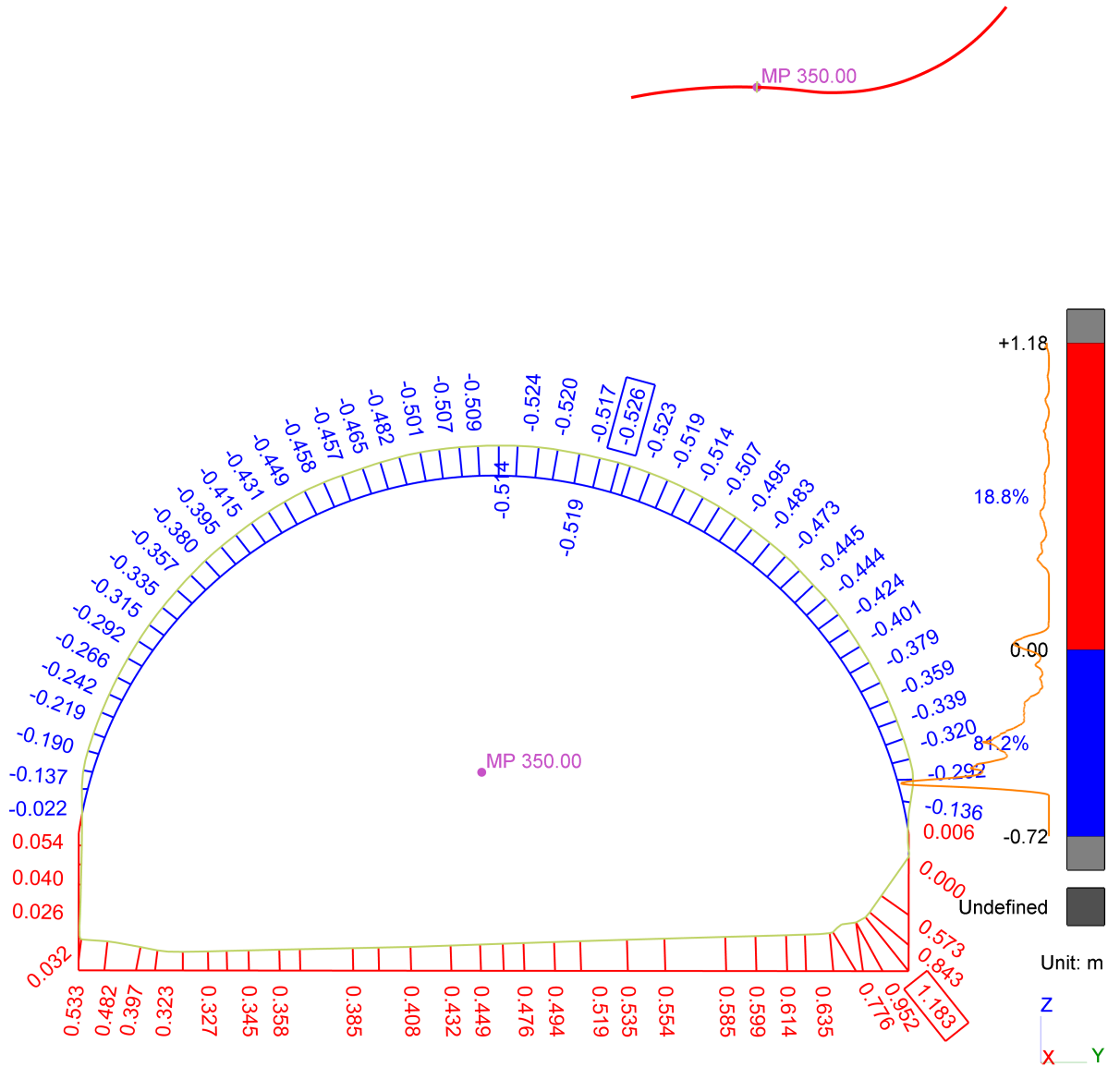
1: 120 | 2 m

Magnification x1.000



MP 350.00

(X= 585,984.079 m ; Y= 2,368,717.207 m ; Z= 318.698 m)



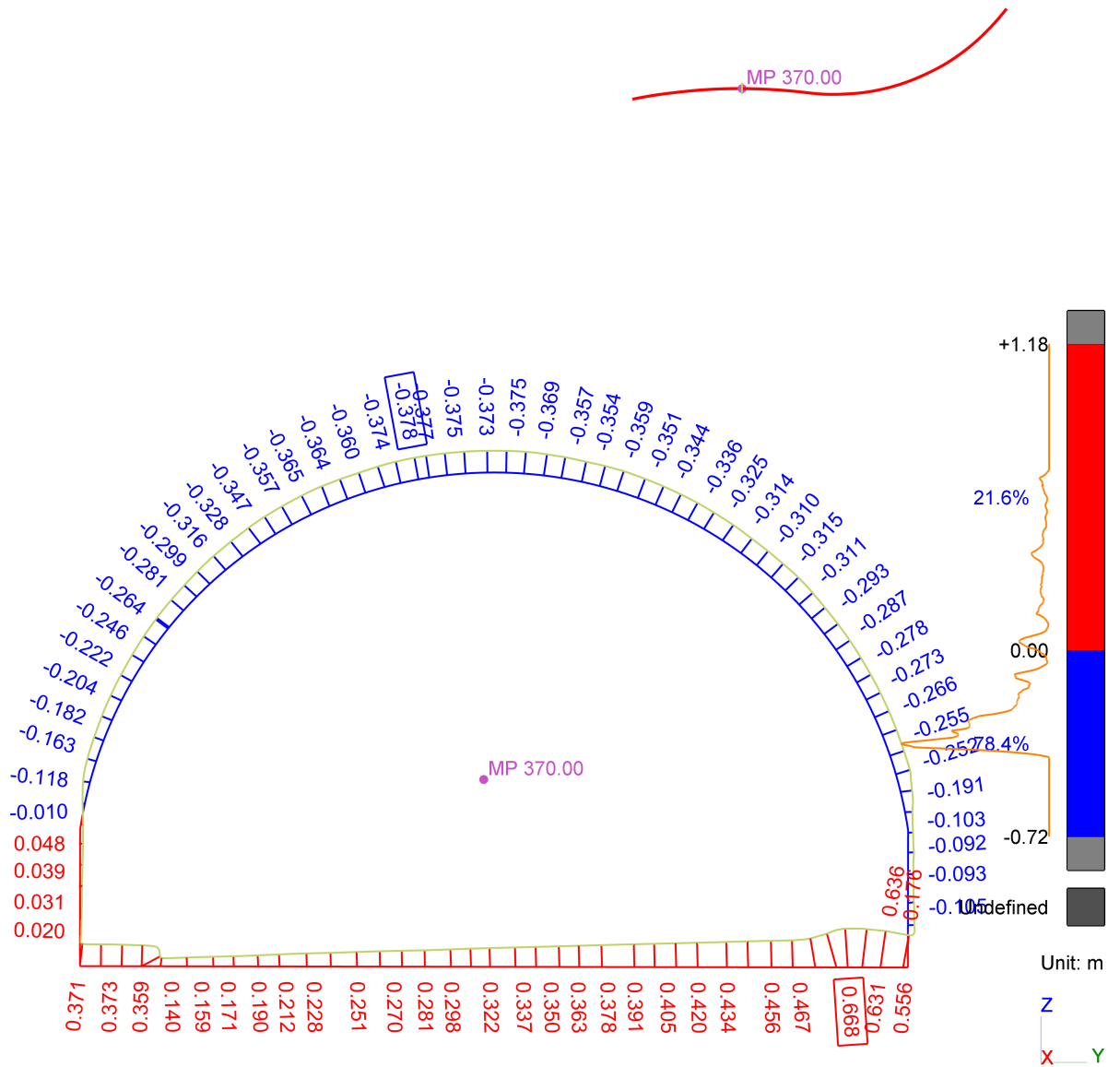
1 : 120 | 2 m

Magnification x1.000



MP 370.00

(X= 585,964.096 m ; Y= 2,368,717.613 m ; Z= 317.993 m)

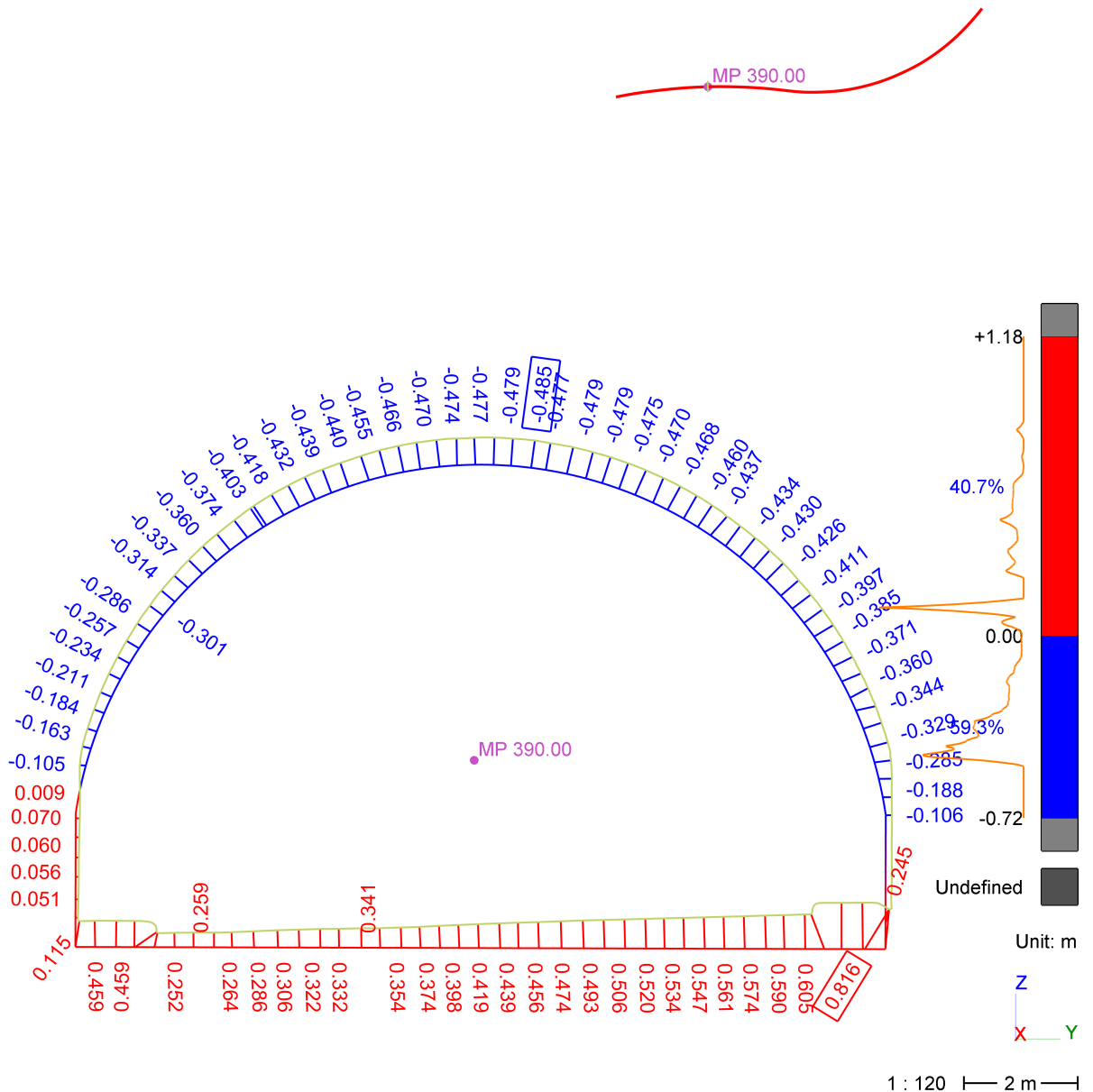


Unit: m
Z
X Y
1 : 120 | 2 m |
Magnification x1.000



MP 390.00

(X= 585,944.110 m ; Y= 2,368,717.443 m ; Z= 317.288 m)

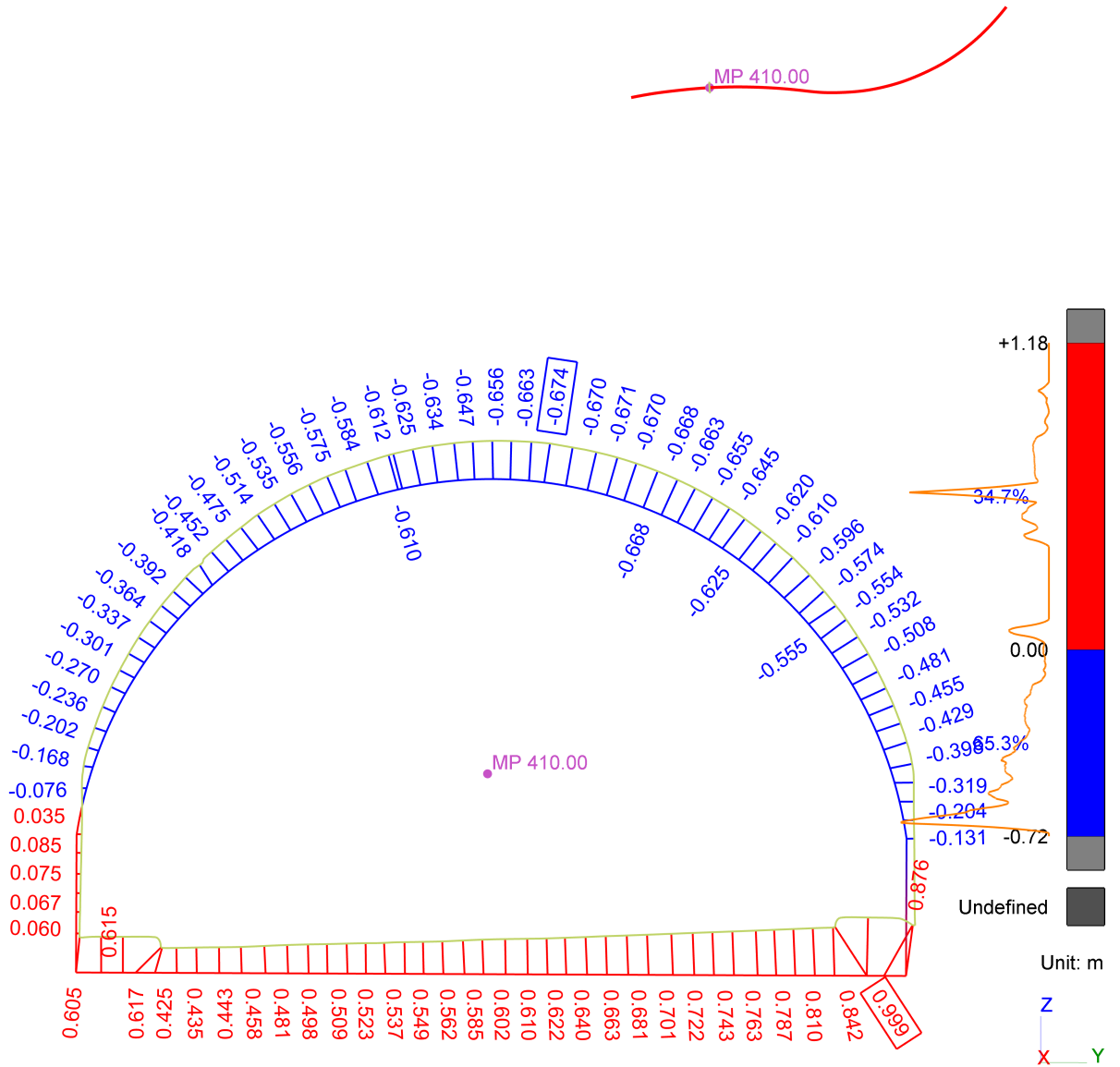


Magnification x1.000



MP 410.00

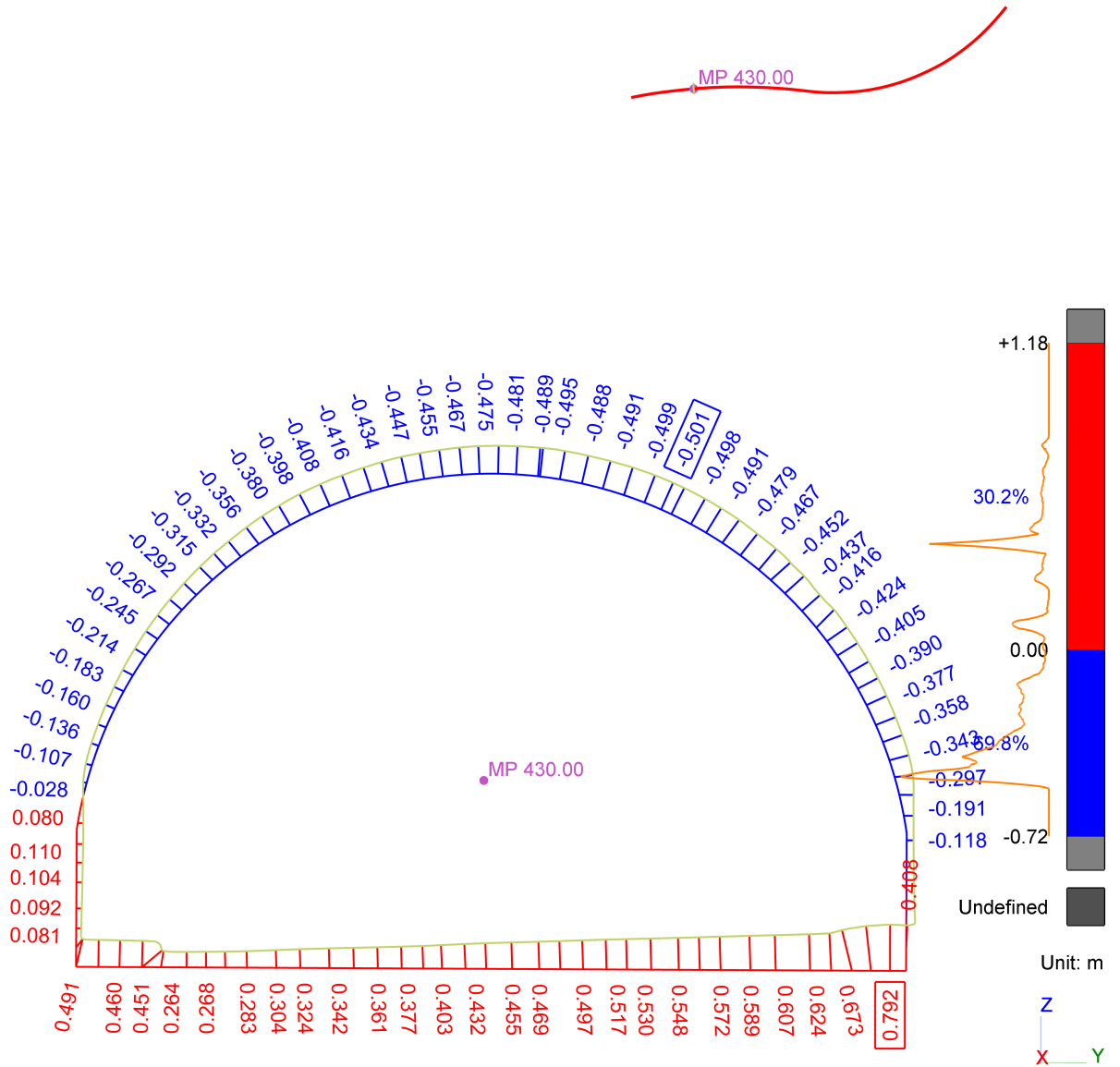
(X= 585,924.140 m ; Y= 2,368,716.645 m ; Z= 316.584 m)





MP 430.00

(X= 585,904.204 m ; Y= 2,368,715.215 m ; Z= 315.880 m)

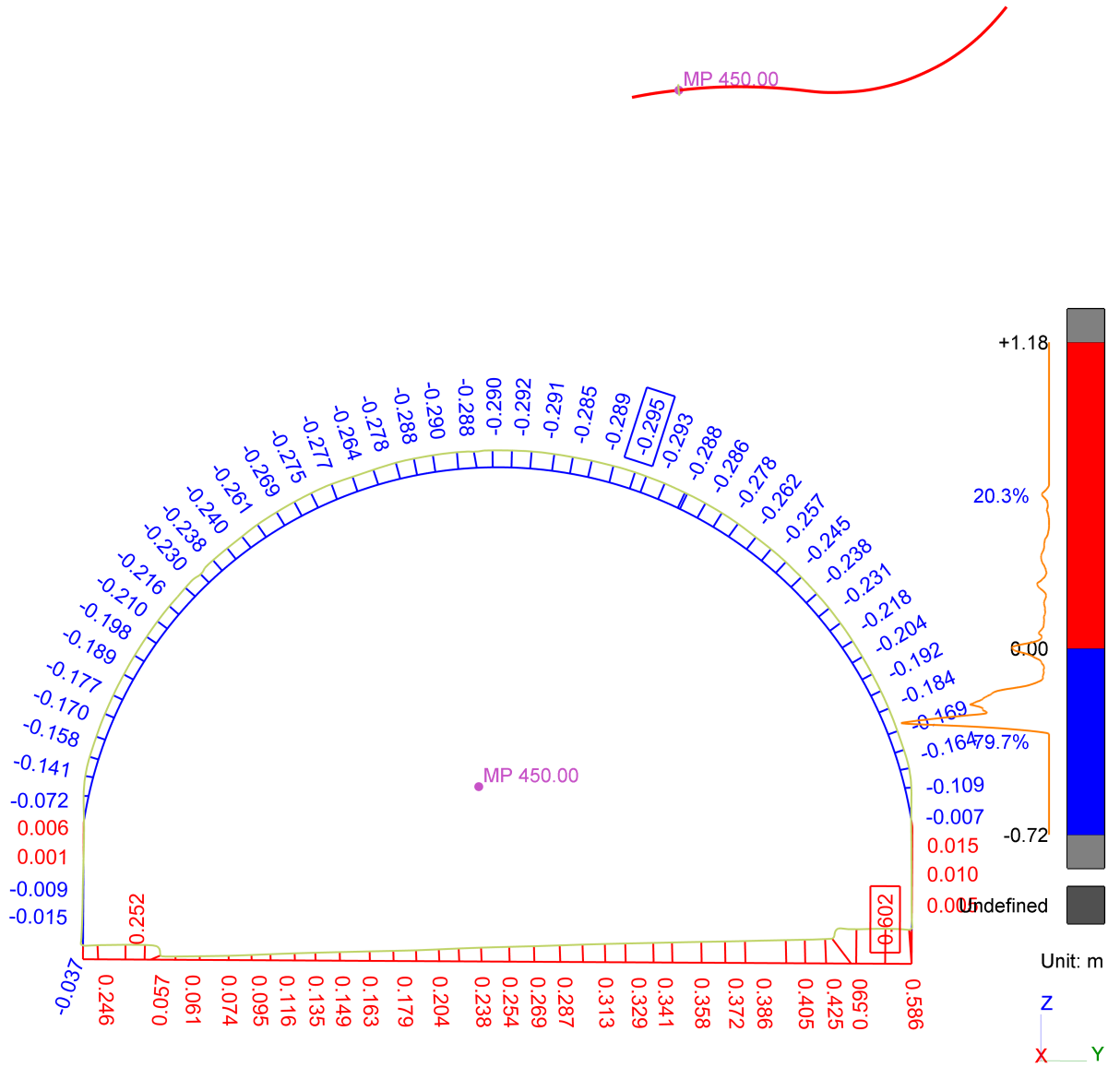


Magnification x1.000



MP 450.00

(X= 585,884.316 m ; Y= 2,368,713.228 m ; Z= 315.177 m)



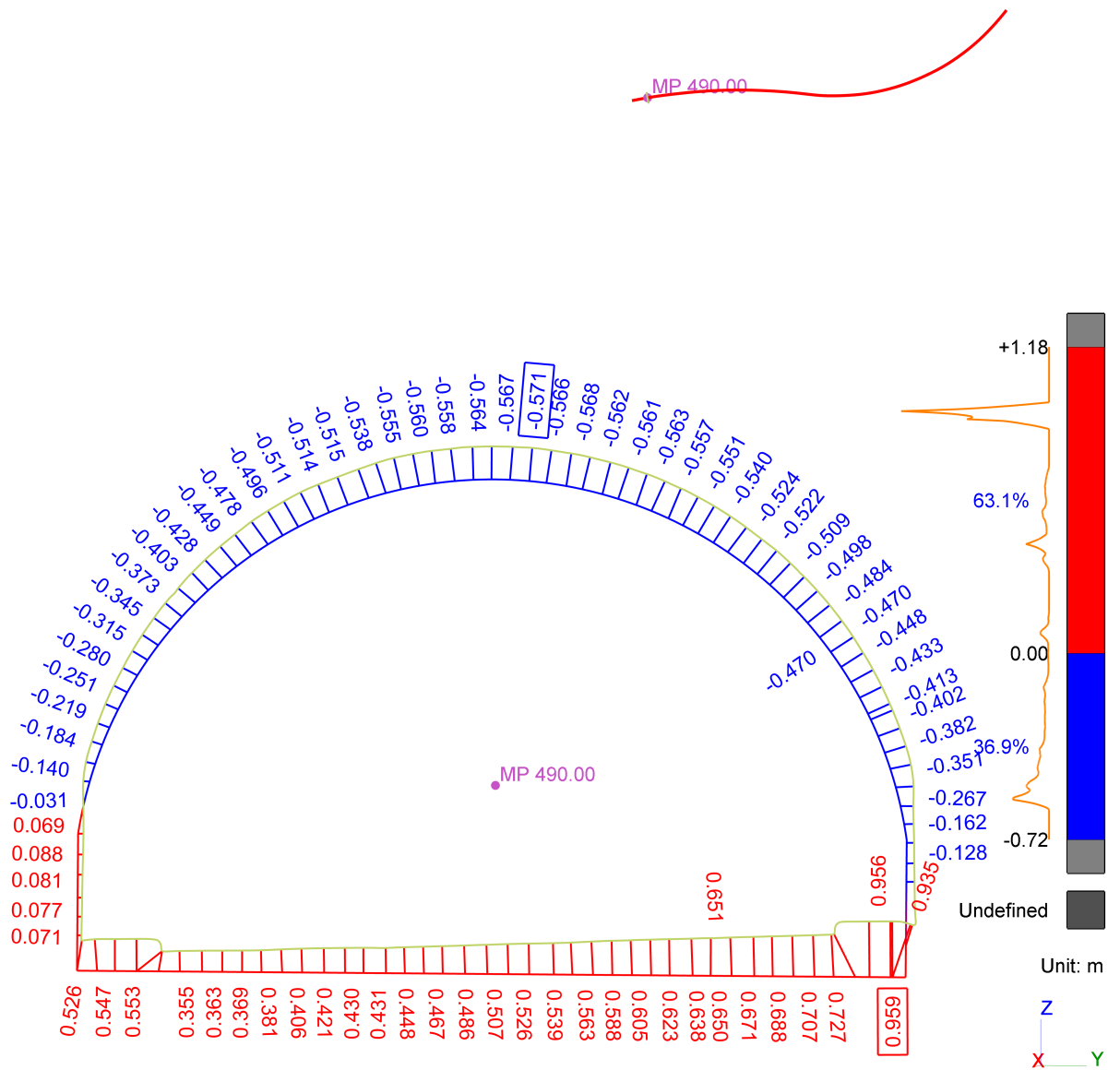
1 : 120 | 2 m

Magnification x1.000



MP 490.00

(X= 585,844.704 m ; Y= 2,368,707.896 m ; Z= 313.776 m)

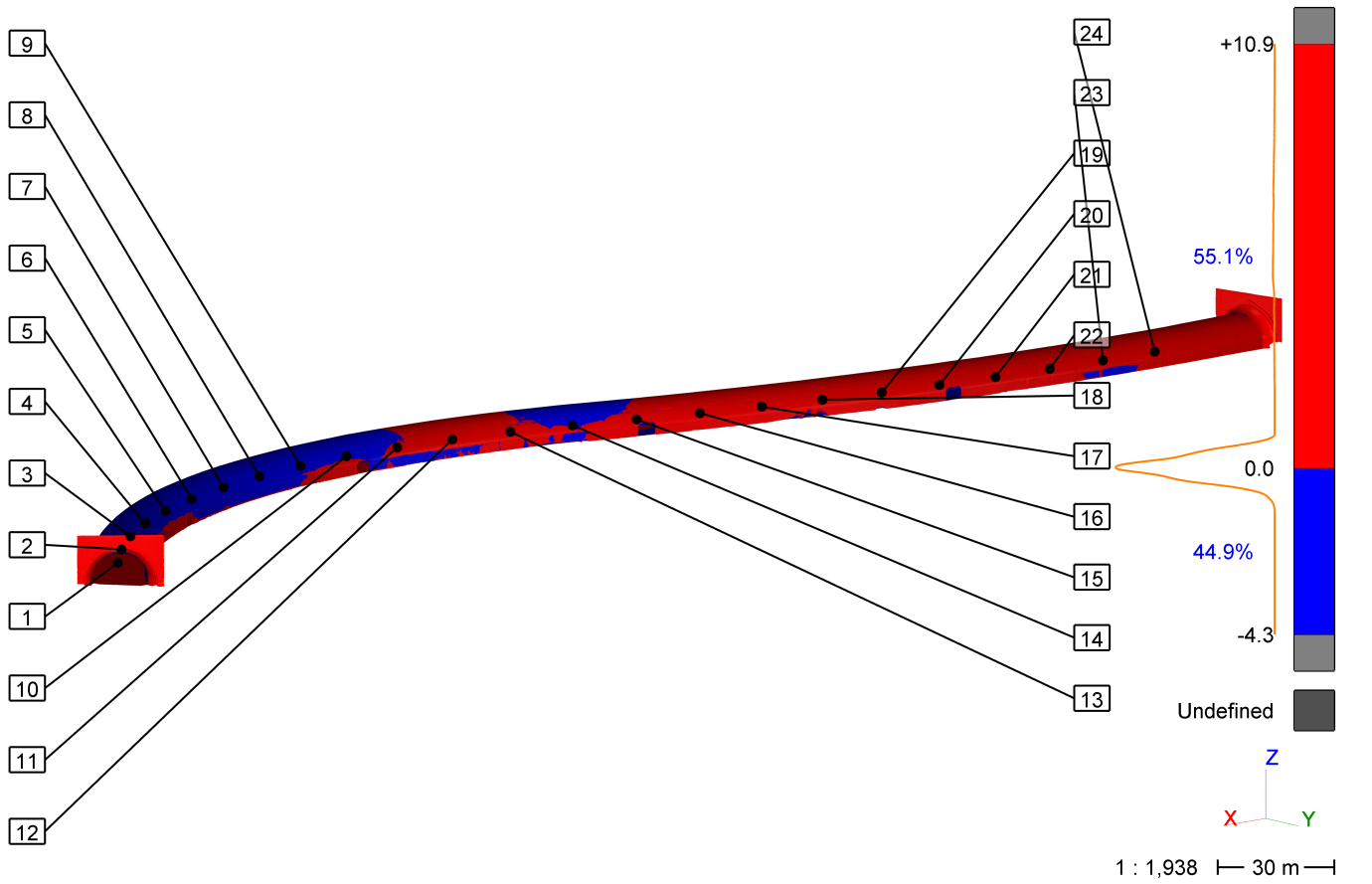


1 : 120 | 2 m

Magnification x1.000



TUNNEL OVERBREAK & UNDERBREAK VOLUMES



Overbreak: 2,743.066 m³
Underbreak: 2,370.251 m³

Vol + = Overbreak
Vol - = Underbreak



id	name	Meas Vol + (m³)	Meas Vol - (m³)
1	Label: Slice from 10 m to 30 m	154.649	142.790
2	Label: Slice from 30 m to 50 m	152.267	133.586
3	Label: Slice from 50 m to 70 m	105.033	86.874
4	Label: Slice from 70 m to 90 m	104.602	88.779
5	Label: Slice from 90 m to 110 m	113.016	100.589
6	Label: Slice from 110 m to 130 m	113.904	104.326
7	Label: Slice from 130 m to 150 m	103.185	92.133
8	Label: Slice from 150 m to 170 m	96.665	88.202
9	Label: Slice from 170 m to 190 m	112.901	105.506
10	Label: Slice from 190 m to 210 m	75.480	68.473
11	Label: Slice from 210 m to 230 m	47.459	36.657
12	Label: Slice from 230 m to 250 m	68.631	57.555
13	Label: Slice from 250 m to 270 m	35.746	23.726
14	Label: Slice from 270 m to 290 m	49.427	29.075
15	Label: Slice from 290 m to 310 m	42.946	23.245
16	Label: Slice from 310 m to 330 m	105.112	83.861
17	Label: Slice from 330 m to 350 m	160.102	141.924
18	Label: Slice from 350 m to 370 m	146.655	124.286
19	Label: Slice from 370 m to 390 m	131.265	108.467
20	Label: Slice from 390 m to 410 m	190.763	166.869
21	Label: Slice from 410 m to 430 m	184.937	167.935
22	Label: Slice from 430 m to 450 m	119.648	100.087
23	Label: Slice from 450 m to 470 m	124.664	106.775
24	Label: Slice from 470 m to 490 m	204.008	188.528