Skonnert, med tre master

Skonnert Ideal

Kjenningssignal: LFGP

Tonnasjeberegninger



2050-101-015

23.09.2019
Rev. C

Møre Maritime AS

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C o n t e n t s

Date: 23 SEP 2019

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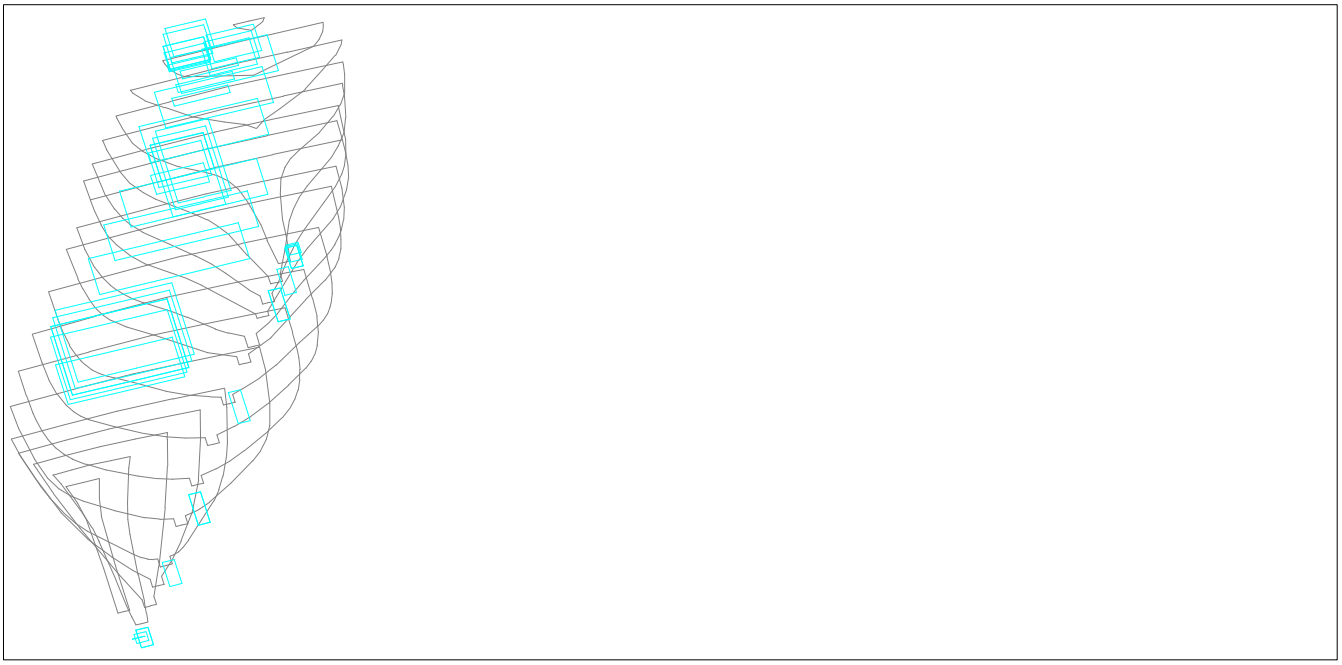
Tonnage calculation/Main data

Date: 23 SEP 2019

Builder: Saltkaia Båtbyggeri
Project: 2050
Drawing: 2050-101-015
Person respons.: MK
Date: 23.09.2019

Data for calculation of Gross tonnage.

Groups: 1

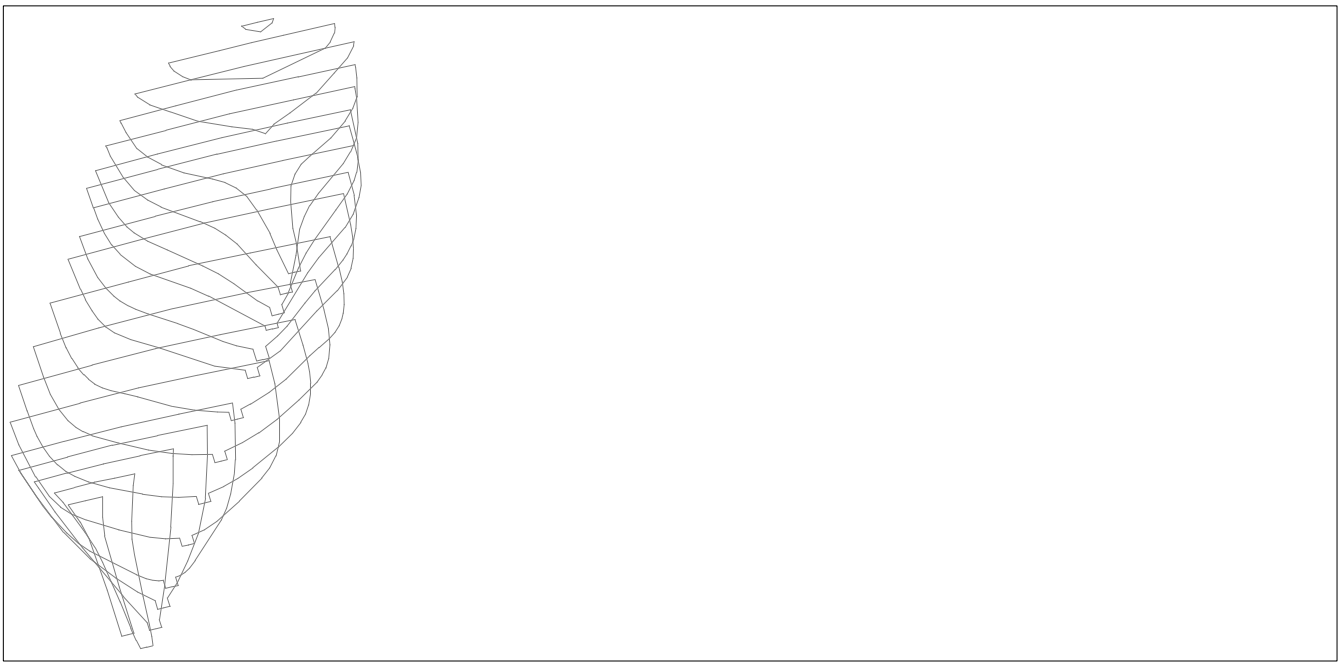


Data for calculation of Net tonnage.

Groups:

See 1969-Convention Rules 3 && 4, "Data for calculation of Net tonnage"

L (Length in metres)	ARTICLE 2,8 :	27.860
B (Max. Breadth measured Amidships in metres)	RULE 2,3 :'	6.890
D (Moulded Depth Amidships in metres)	--=-- 2,2 :	3.493
d (Moulded Draft Amidships in metres)	--=-- 4,2 :	2.030
N1 (No. of Pass. in Cabins with <= 8 Berths)	--=-- 4,1 :	25
N2 (No. of other Passengers)	--=-- 4,1 :	0



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Tonnage calculation/Gross tonnage

Date: 23 SEP 2019

Group No: 1 Tonnasjeberegninger

TOTAL VOLUME: 46.01 m3

+/-	No	Description of volume sections	Volume (m3)
+	1	Dekksluke Styreplass	0.71
+	2	Aktre dekkshus del 1	10.61
+	3	Aktre dekkshus del 2	0.58
+	4	Aktre dekkshus del 3	0.08
+	5	Aktre dekkshus del 4	0.48
+	6	Midtre dekkshus del 1	2.42
+	7	Midtre dekkshus del 2	1.04
+	8	Midtre dekkshus del 3	15.54
+	9	Fremre dekkshus del 1	5.36
+	10	Fremre dekkshus del 2	3.23
+	11	Ballastkjøl I	0.03
+	12	Ballastkjøl II	0.61
+	13	Ballastkjøl III	3.48
+	14	Ballastkjøl IV	1.80
+	15	Ballastkjøl V	0.04
Part volume:			**46.01**
+		Moulded MAIN HULL without any appendages	453.38
Total Gross volume:			**499.39**

Calculated Gross tonnage: 126.83

Calculated K1: 0.253969

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Tonnage calculation/Net tonnage

Date: 23 SEP 2019

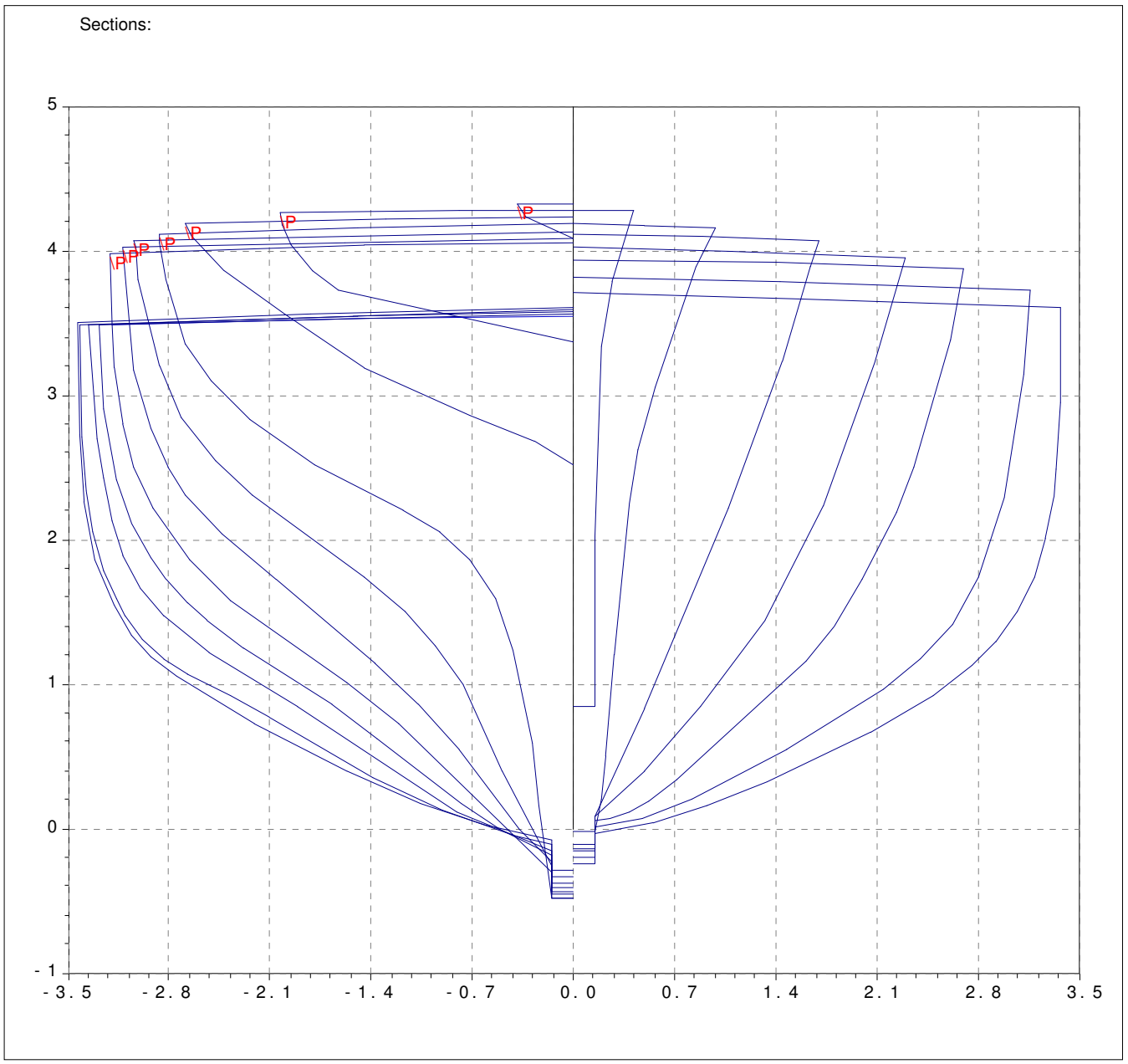
Total Net volume:		**0.00**
Calculated Net tonnage:	**63.35**	
Calculated K2:	**0.200000**	
Calculated K3:	**1.265854**	

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The list of Ship's hull sections

Date: 23 SEP 2019

Sections:

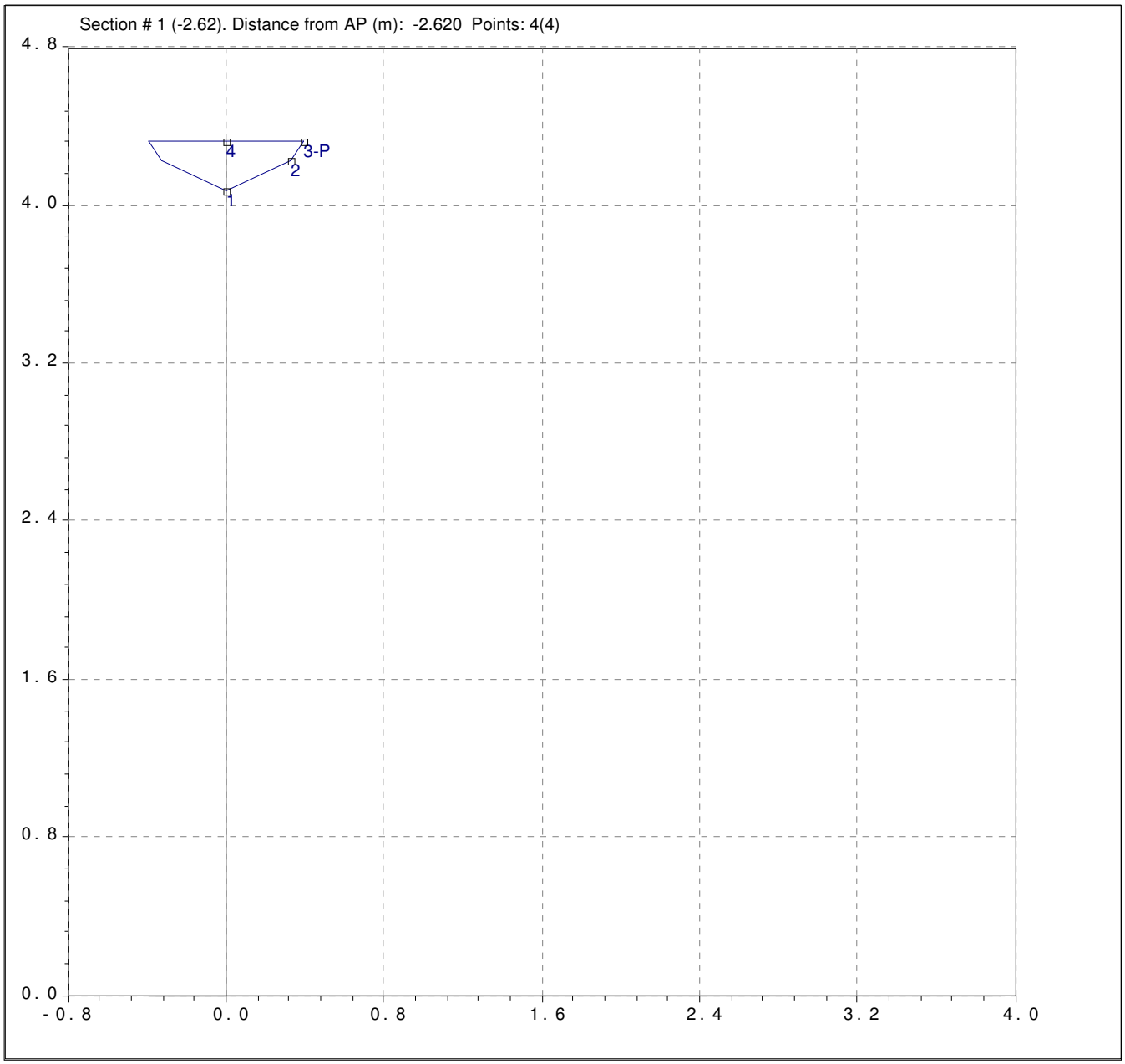


No	From AP (input)	From AP (m)	Points (input)	Points
1	-2.62	-2.620	4	4
2	-1.41	-1.410	8	8
3	0	0.000	10	10
4	1.41	1.410	18	18
5	2.82	2.820	17	17
6	4.23	4.230	16	16
7	5.23	5.230	12.3.2	17
8	7.05	7.050	18	18
9	8.46	8.460	15	15

No	From AP (input)	From AP (m)	Points (input)	Points
10	11.28	11.280	20	20
11	14.1	14.100	17	17
12	16.92	16.920	19	19
13	19.74	19.740	15	15
14	22.56	22.560	16	16
15	23.97	23.970	11	11
16	25.38	25.380	10	10
17	26.79	26.790	12	12
18	28.2	28.200	7	7

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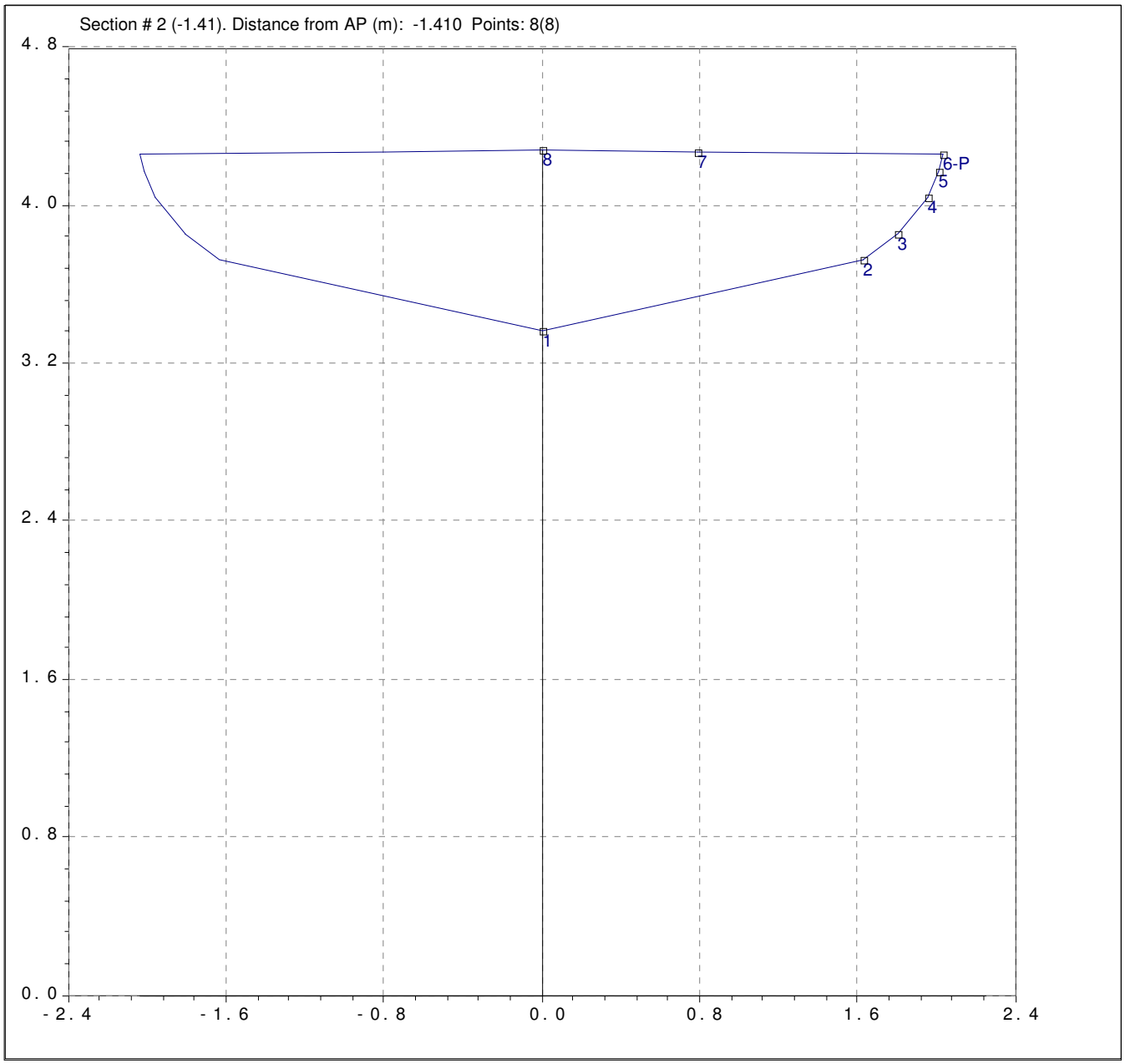
Date: 23 SEP 2019



P	Breadth (m)	Height (m)
1	0.000	4.078
2	0.327	4.228
3	0.391	4.320
4	0.000	4.321

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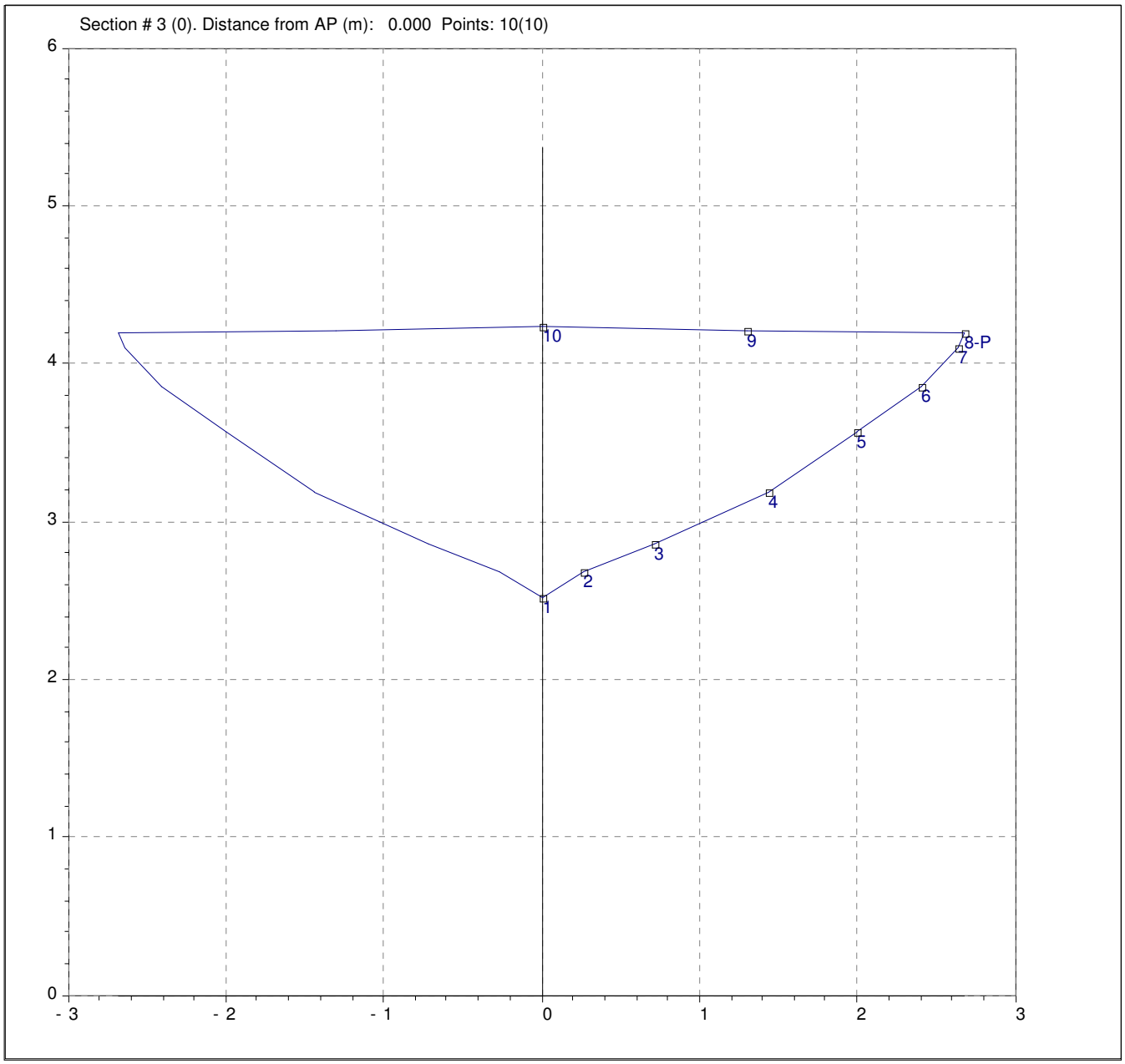
Date: 23 SEP 2019



P	Breadth (m)	Height (m)
1	0.000	3.364
2	1.631	3.730
3	1.805	3.858
4	1.955	4.038
5	2.013	4.171
6	2.030	4.260
7	0.786	4.270
8	0.000	4.279

Skonnert Ideal

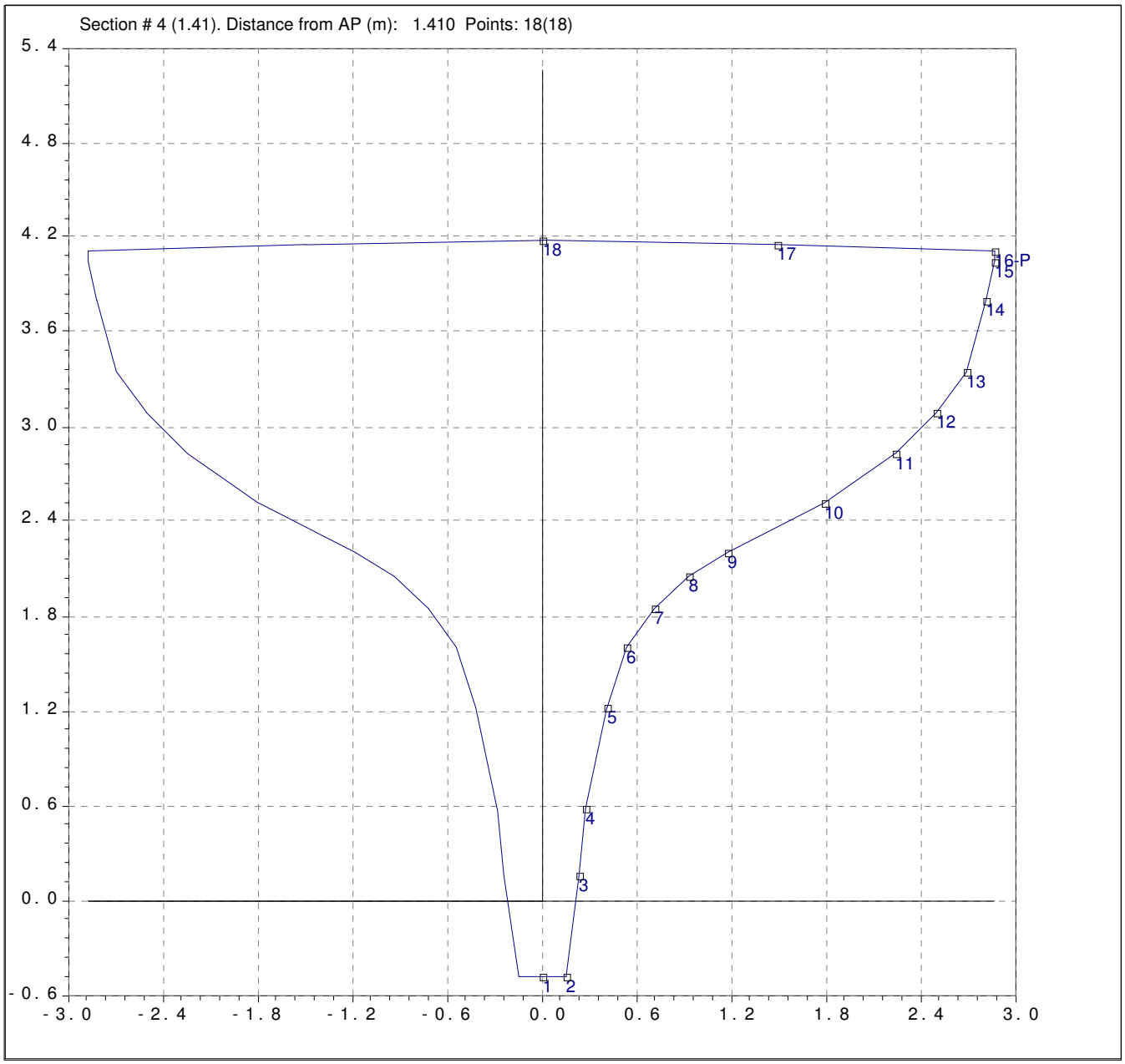
Date: 23 SEP 2019



P	Breadth (m)	Height (m)
1	0.000	2.509
2	0.261	2.686
3	0.711	2.863
4	1.445	3.187
5	2.000	3.562
6	2.412	3.851
7	2.640	4.103
8	2.680	4.190
9	1.302	4.210
10	0.000	4.230

Skonnert Ideal

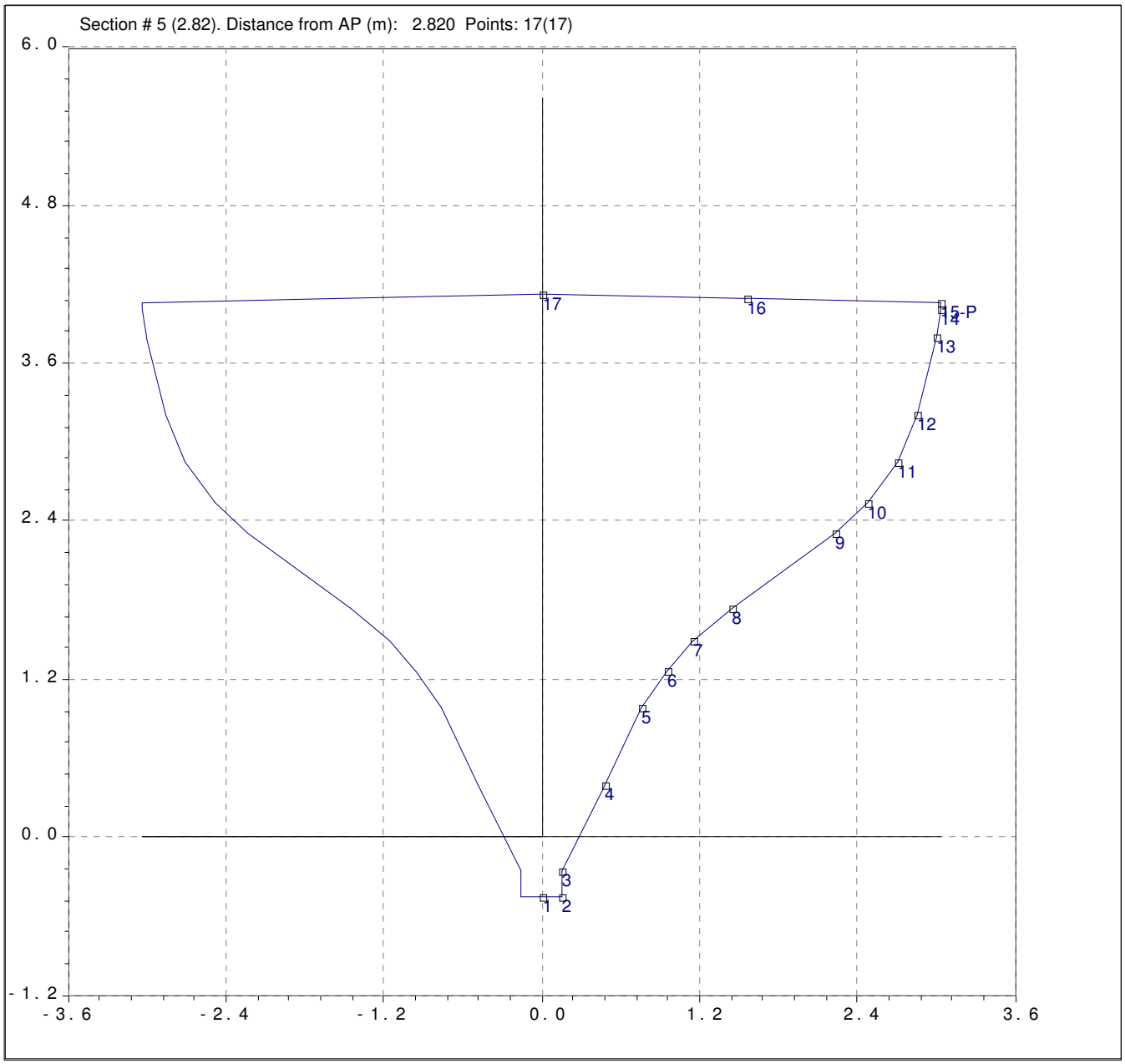
Date: 23 SEP 2019



P	Breadth (m)	Height (m)
1	0.000	-0.482
2	0.150	-0.482
3	0.242	0.158
4	0.276	0.584
5	0.416	1.225
6	0.539	1.596
7	0.717	1.854
8	0.931	2.049
9	1.186	2.199
10	1.793	2.511
11	2.245	2.835
12	2.506	3.091
13	2.687	3.346
14	2.820	3.792
15	2.865	4.048
16	2.870	4.116
17	1.491	4.150
18	0.000	4.182

Skonnert Ideal

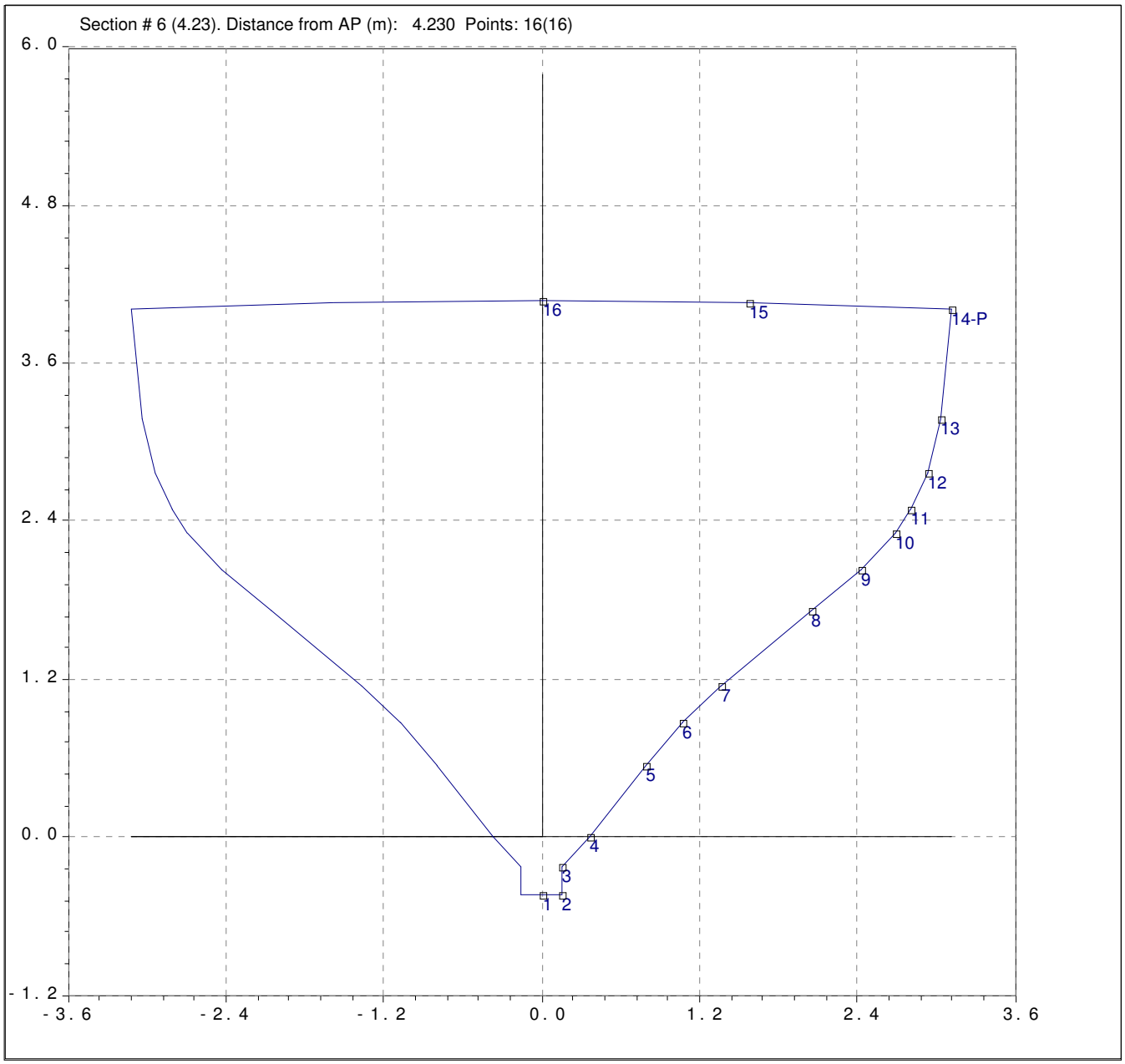
Date: 23 SEP 2019



P	Breadth (m)	Height (m)
1	0.000	-0.460
2	0.150	-0.460
3	0.150	-0.266
4	0.487	0.390
5	0.761	0.991
6	0.958	1.265
7	1.160	1.493
8	1.445	1.736
9	2.227	2.302
10	2.475	2.543
11	2.710	2.842
12	2.863	3.203
13	3.008	3.802
14	3.031	4.019
15	3.040	4.068
16	1.556	4.100
17	0.000	4.133

Skonnert Ideal

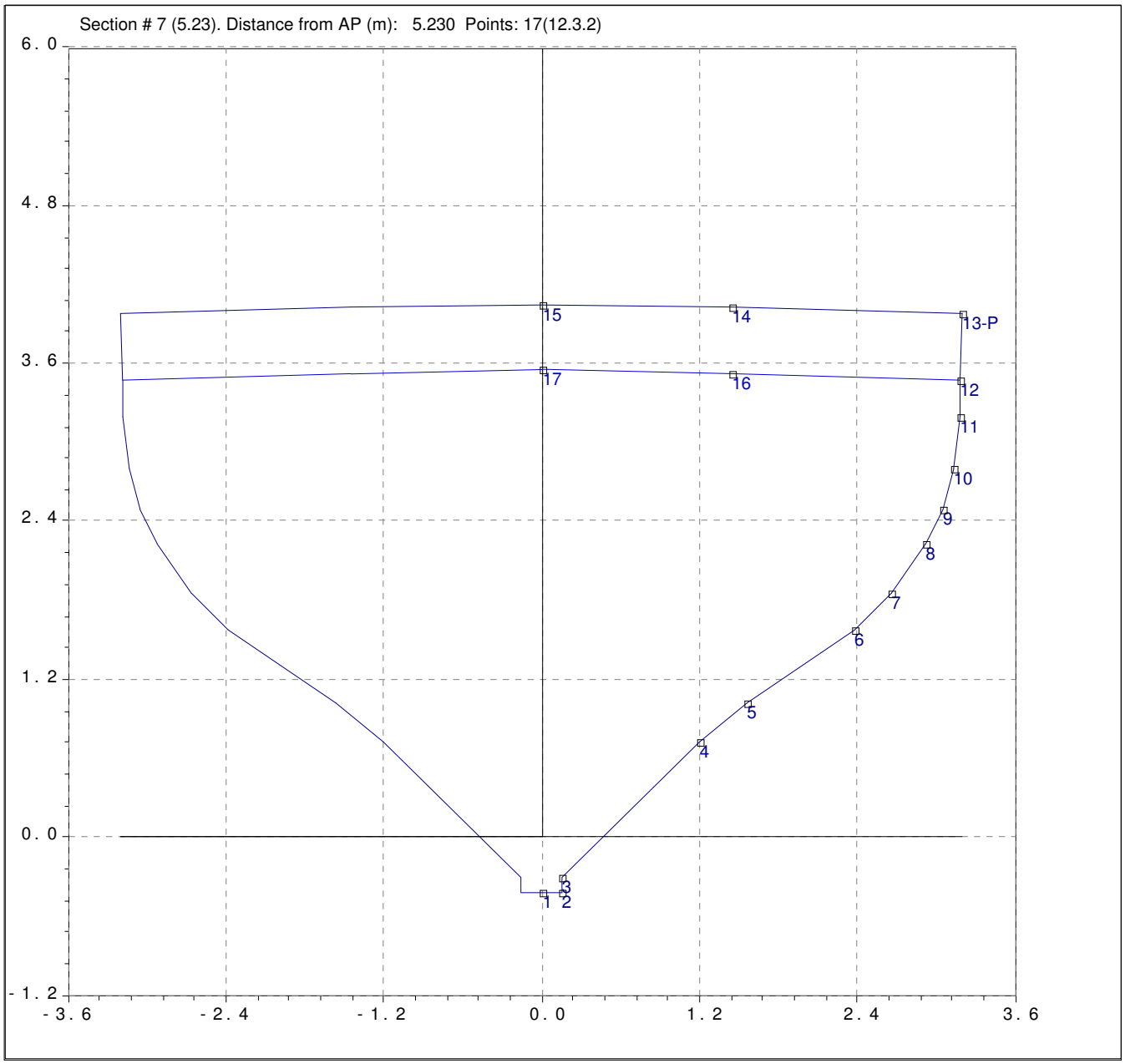
Date: 23 SEP 2019



P	Breadth (m)	Height (m)
1	0.000	-0.439
2	0.150	-0.439
3	0.150	-0.224
4	0.372	-0.001
5	0.792	0.545
6	1.074	0.864
7	1.367	1.141
8	2.058	1.719
9	2.437	2.038
10	2.684	2.310
11	2.803	2.494
12	2.930	2.776
13	3.041	3.172
14	3.115	4.016
15	1.585	4.059
16	0.000	4.084

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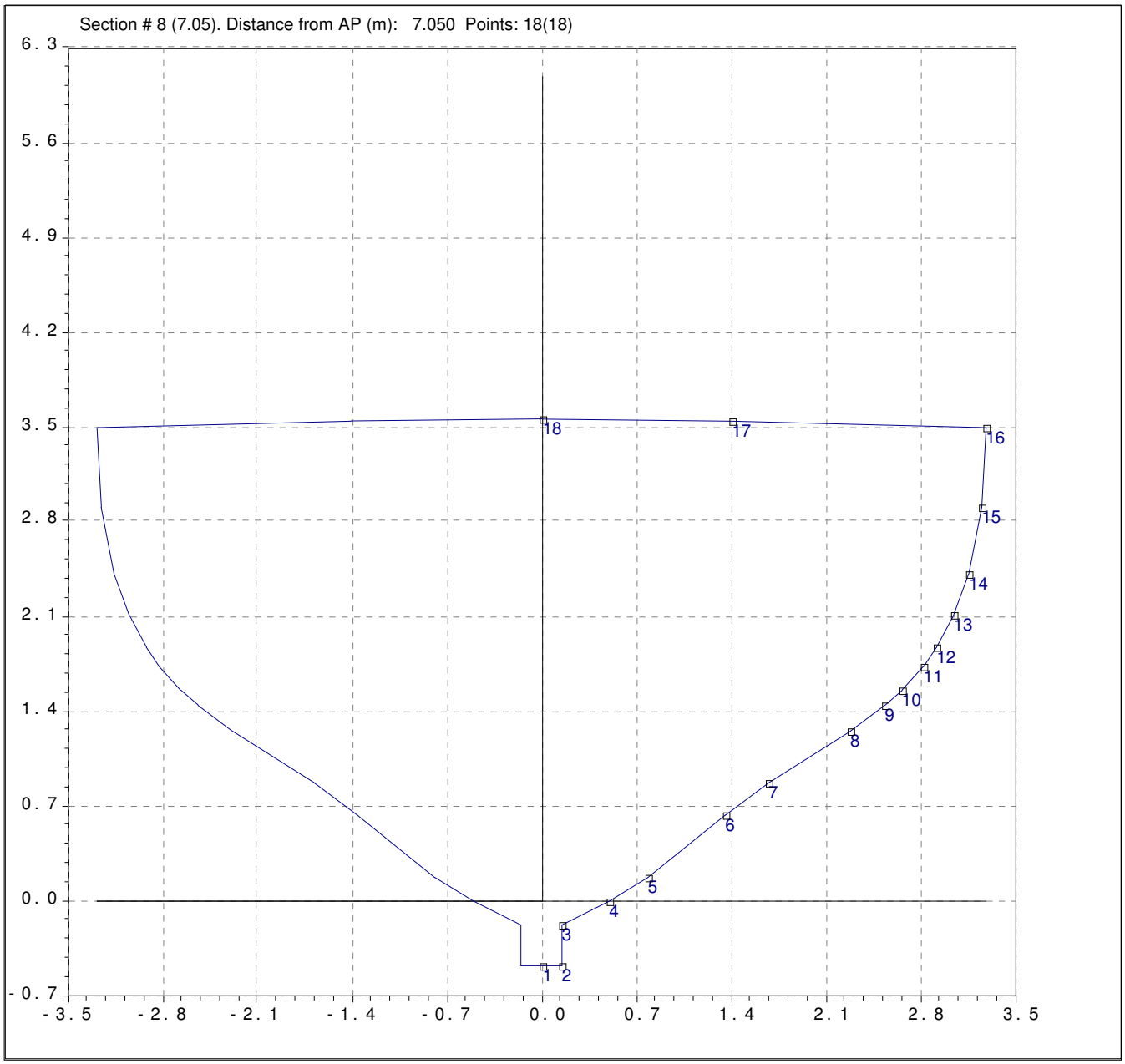
Date: 23 SEP 2019



P	Breadth (m)	Height (m)
1	0.000	-0.417
2	0.150	-0.417
3	0.150	-0.306
4	1.210	0.723
5	1.562	1.011
6	2.378	1.582
7	2.657	1.852
8	2.918	2.222
9	3.050	2.494
10	3.127	2.802
11	3.176	3.193
12	3.190	3.479
13	3.206	3.983
14	1.450	4.030
15	0.000	4.050
16	1.450	3.526
17	0.000	3.550

Skonnert Ideal

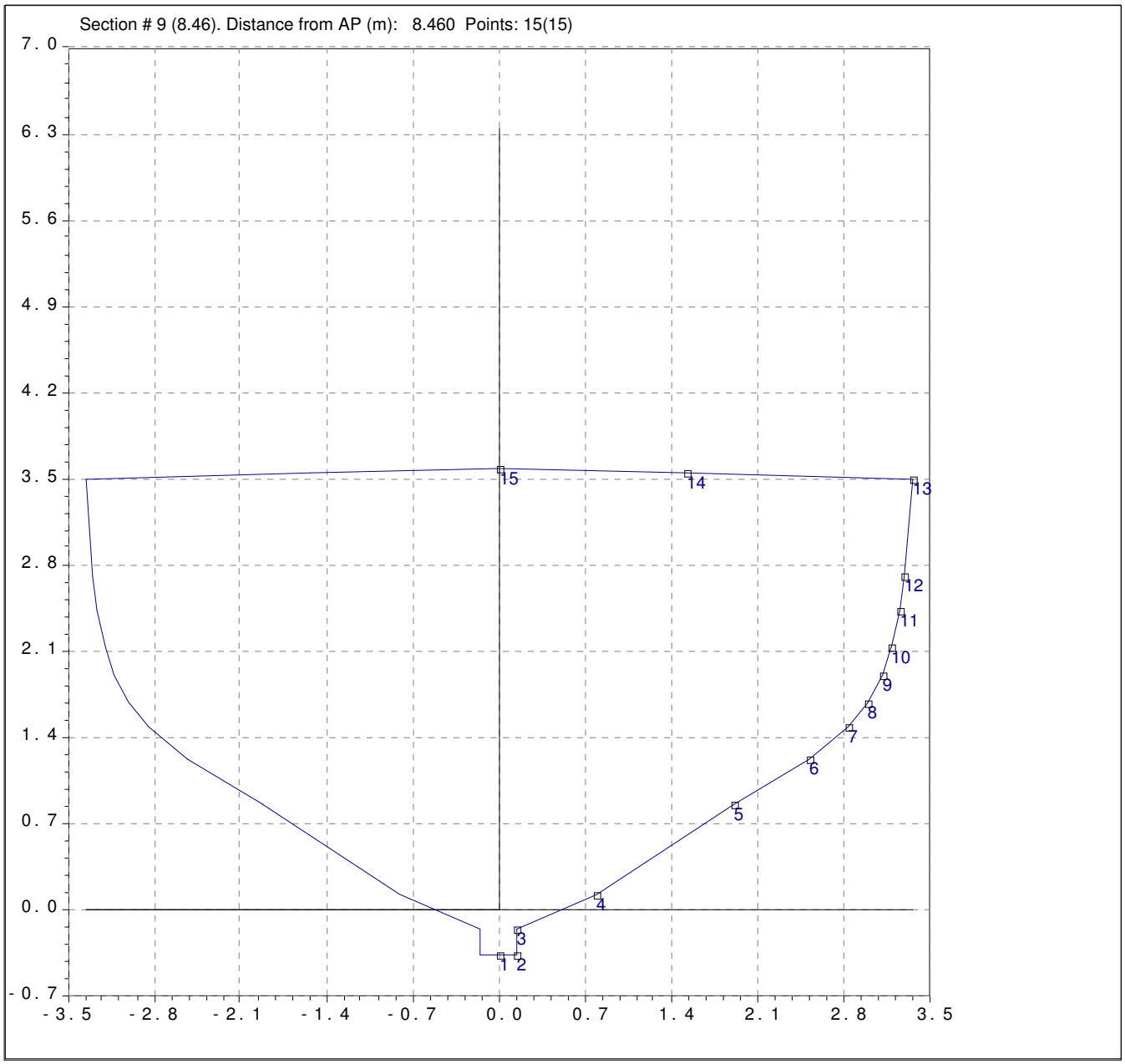
Date: 23 SEP 2019



P	Breadth (m)	Height (m)
1	0.000	-0.479
2	0.150	-0.479
3	0.150	-0.181
4	0.501	-0.002
5	0.781	0.174
6	1.356	0.627
7	1.676	0.861
8	2.285	1.252
9	2.532	1.435
10	2.671	1.557
11	2.822	1.725
12	2.925	1.870
13	3.054	2.107
14	3.164	2.410
15	3.254	2.904
16	3.280	3.487
17	1.415	3.537
18	0.000	3.562

Skonnert Ideal

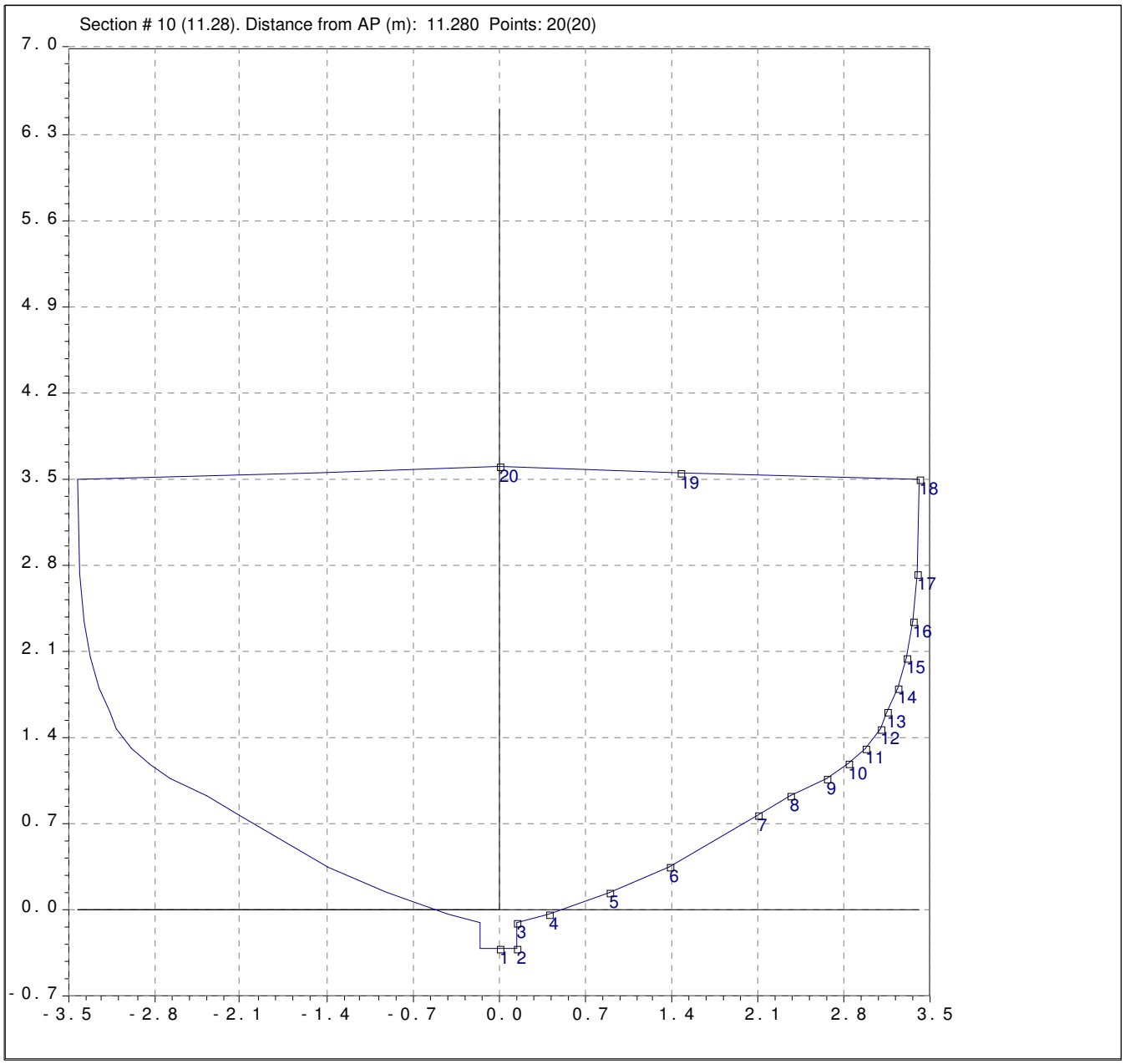
Date: 23 SEP 2019



P	Breadth (m)	Height (m)
1	0.000	-0.374
2	0.150	-0.374
3	0.150	-0.160
4	0.800	0.108
5	1.908	0.842
6	2.521	1.215
7	2.842	1.471
8	3.000	1.664
9	3.118	1.891
10	3.191	2.123
11	3.261	2.422
12	3.301	2.700
13	3.360	3.486
14	1.525	3.540
15	0.000	3.571

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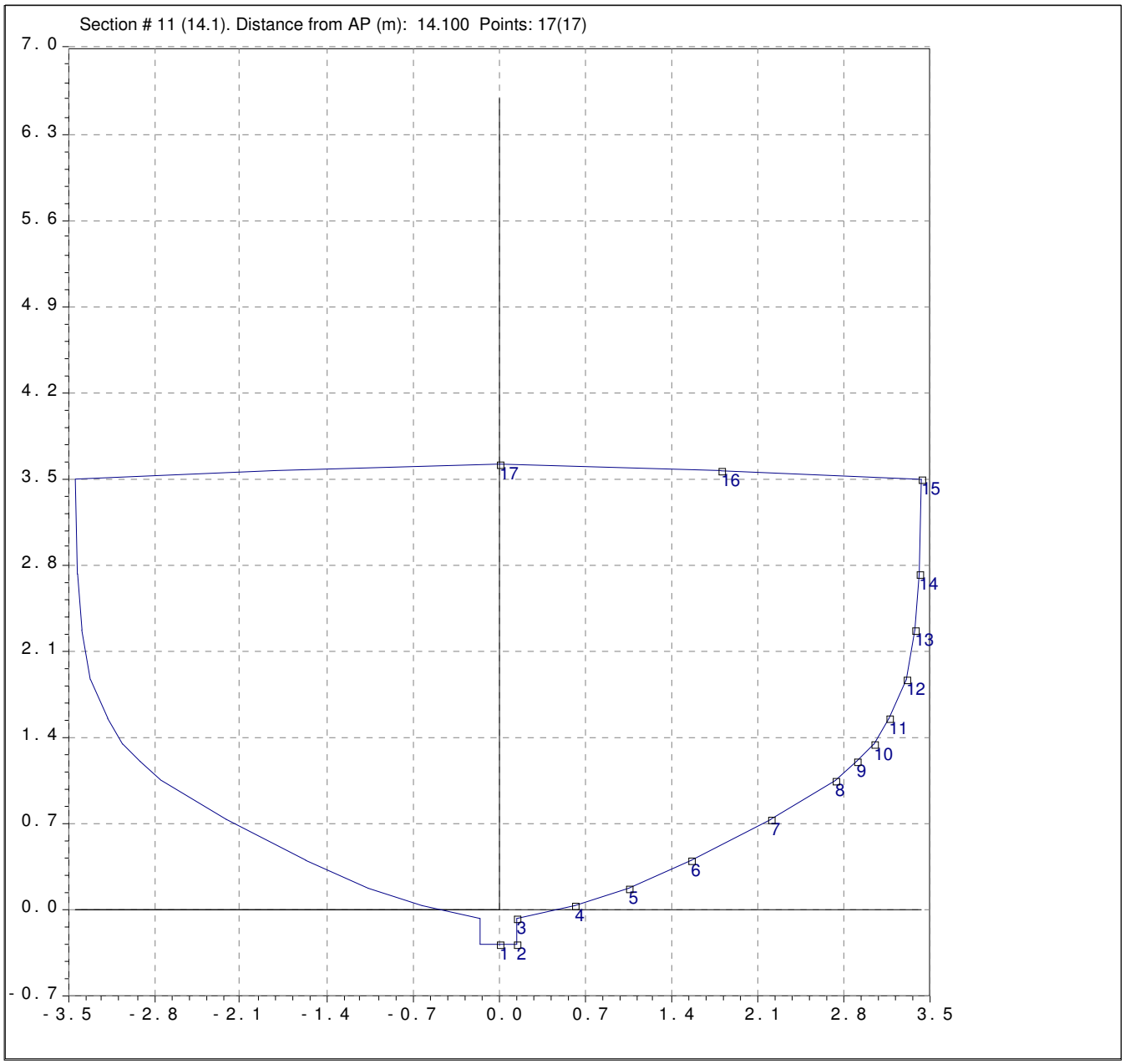
Date: 23 SEP 2019



P	Breadth (m)	Height (m)
1	0.000	-0.330
2	0.150	-0.330
3	0.150	-0.118
4	0.404	-0.045
5	0.909	0.128
6	1.387	0.345
7	2.102	0.763
8	2.374	0.911
9	2.668	1.064
10	2.839	1.179
11	2.985	1.312
12	3.098	1.469
13	3.167	1.593
14	3.250	1.787
15	3.324	2.047
16	3.372	2.336
17	3.400	2.713
18	3.420	3.489
19	1.485	3.550
20	0.000	3.589

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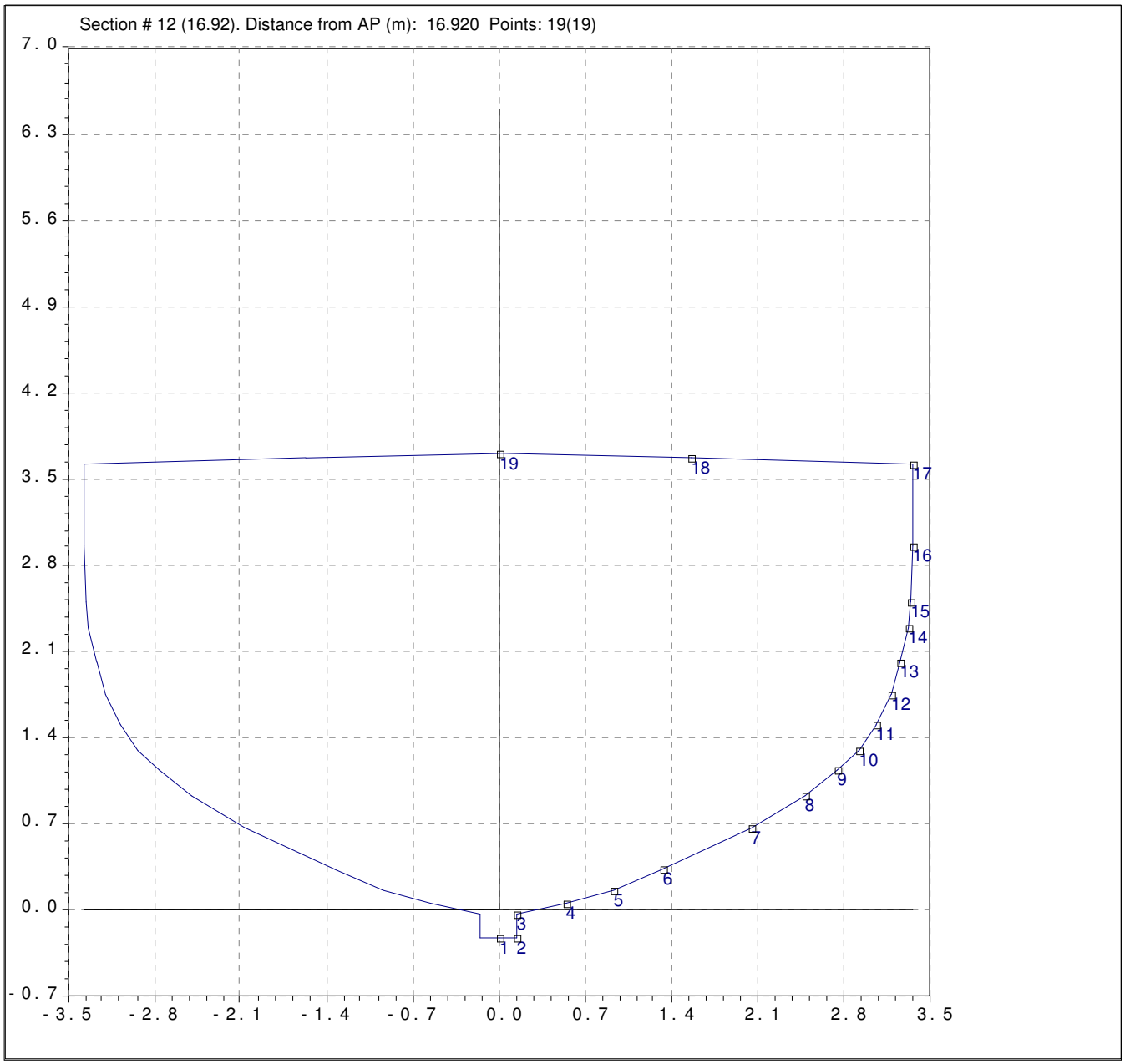
Date: 23 SEP 2019



P	Breadth (m)	Height (m)
1	0.000	-0.287
2	0.150	-0.287
3	0.150	-0.078
4	0.616	0.029
5	1.062	0.171
6	1.571	0.389
7	2.207	0.730
8	2.744	1.047
9	2.921	1.190
10	3.054	1.333
11	3.185	1.544
12	3.310	1.859
13	3.394	2.263
14	3.425	2.717
15	3.440	3.493
16	1.814	3.567
17	0.000	3.608

Skonnert Ideal

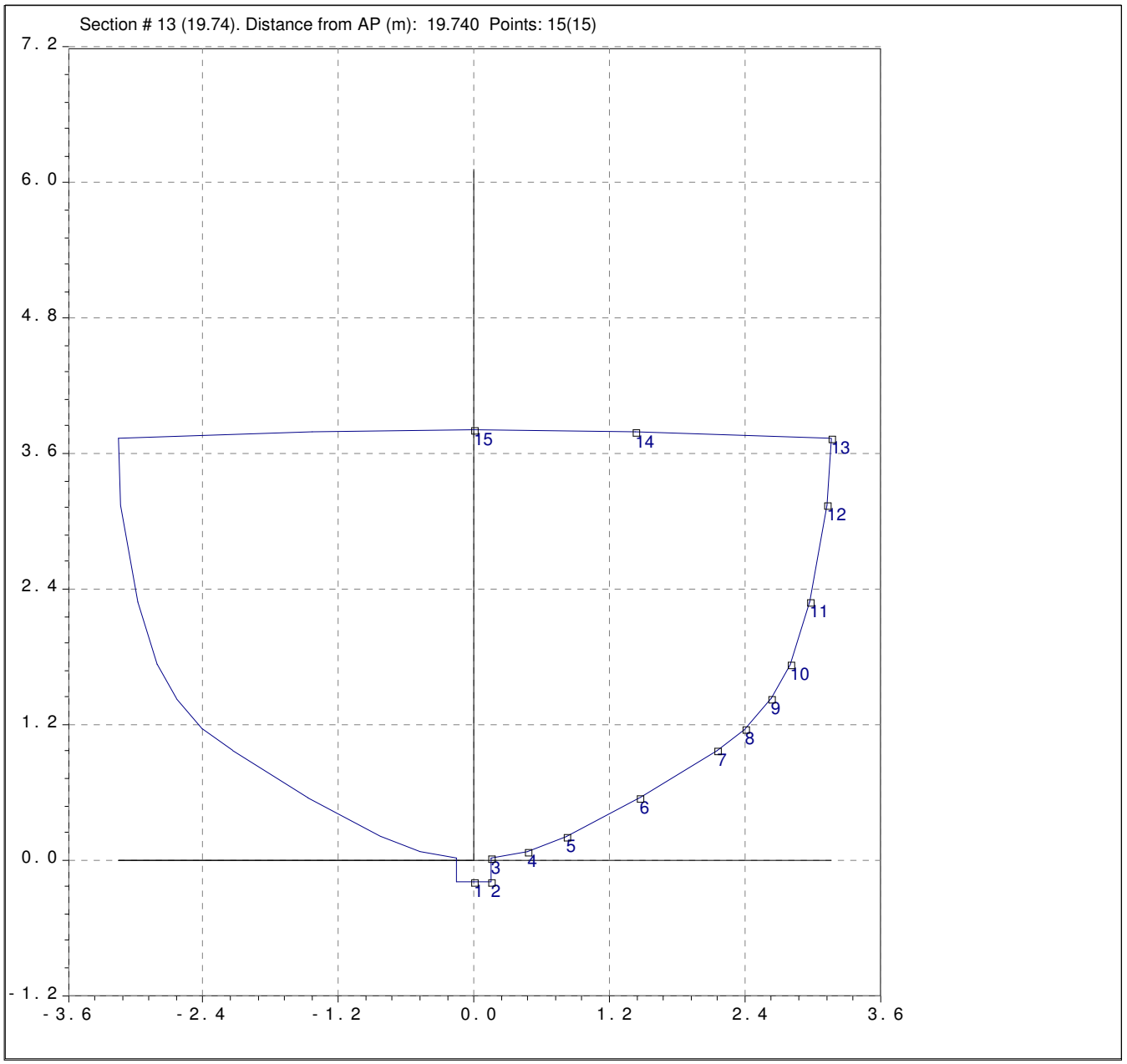
Date: 23 SEP 2019



P	Breadth (m)	Height (m)
1	0.000	-0.244
2	0.150	-0.244
3	0.150	-0.036
4	0.552	0.041
5	0.929	0.149
6	1.345	0.317
7	2.056	0.657
8	2.492	0.915
9	2.761	1.121
10	2.928	1.294
11	3.067	1.496
12	3.187	1.745
13	3.269	2.002
14	3.327	2.288
15	3.349	2.487
16	3.369	2.949
17	3.375	3.607
18	1.566	3.671
19	0.000	3.707

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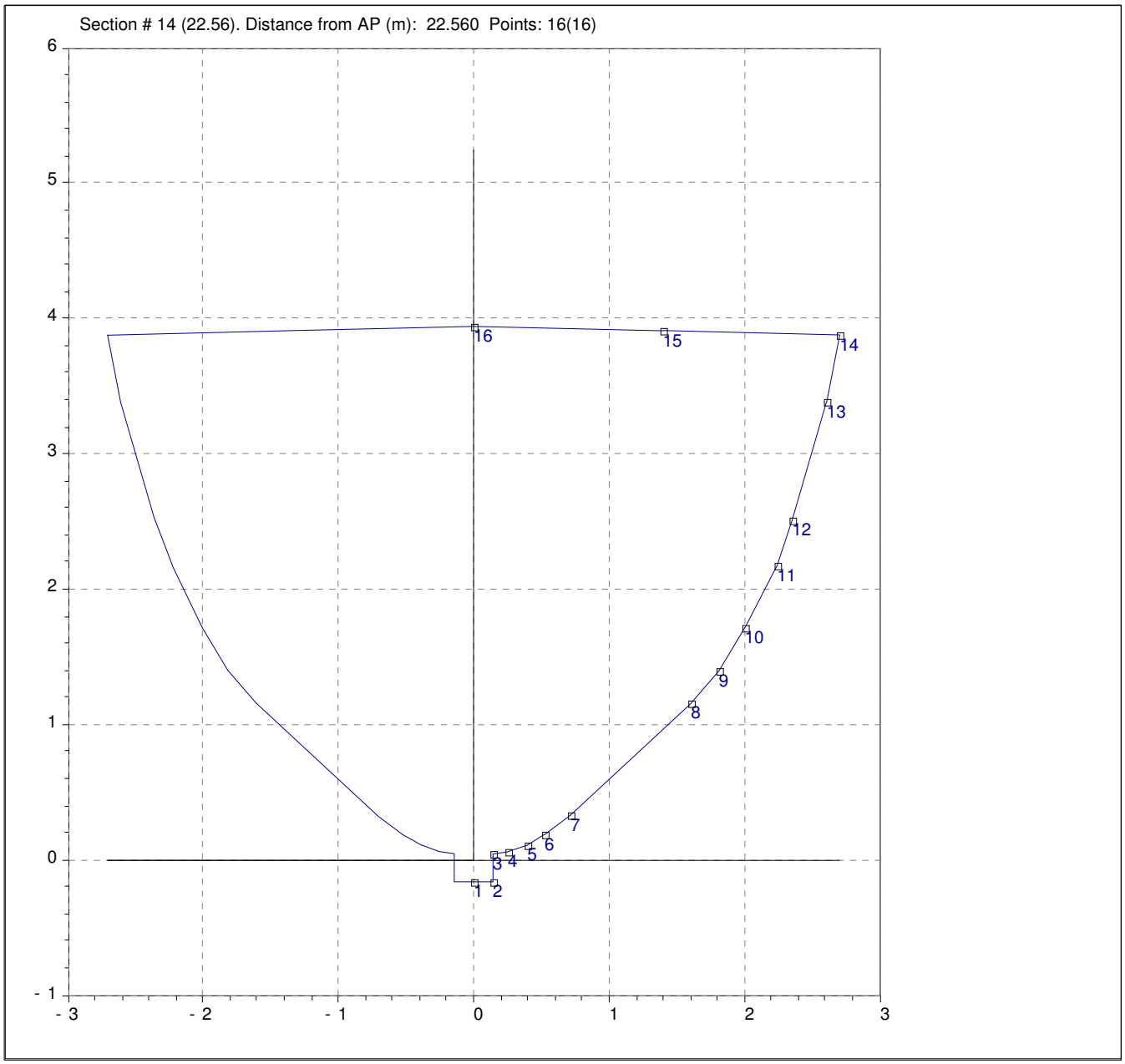
Date: 23 SEP 2019



P	Breadth (m)	Height (m)
1	0.000	-0.200
2	0.150	-0.200
3	0.150	0.008
4	0.472	0.070
5	0.817	0.196
6	1.471	0.547
7	2.147	0.968
8	2.404	1.166
9	2.627	1.417
10	2.811	1.738
11	2.979	2.284
12	3.125	3.141
13	3.160	3.729
14	1.437	3.784
15	0.000	3.814

Skonnert Ideal

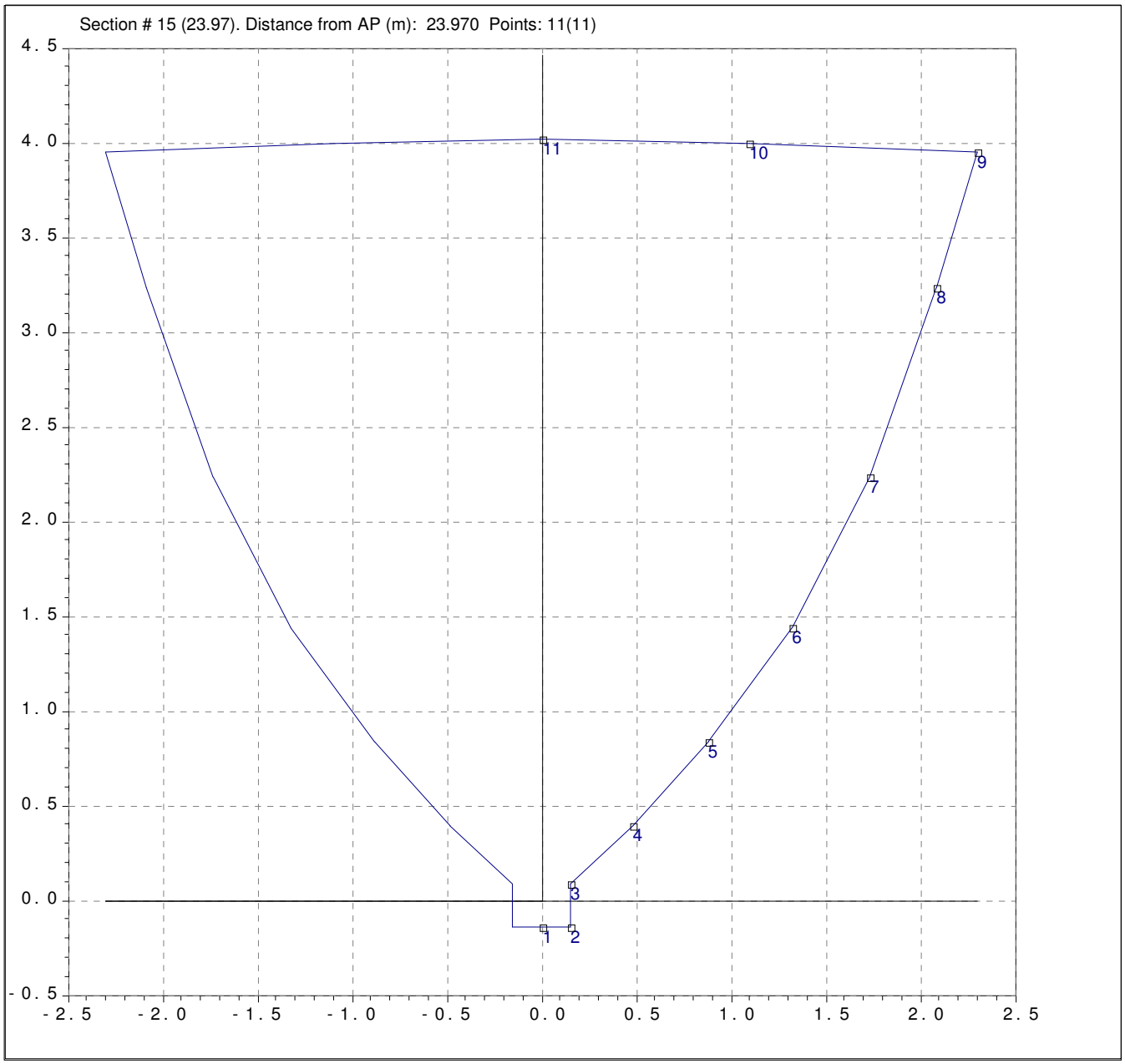
Date: 23 SEP 2019



P	Breadth (m)	Height (m)
1	0.000	-0.157
2	0.150	-0.157
3	0.150	0.049
4	0.259	0.063
5	0.391	0.107
6	0.526	0.183
7	0.717	0.333
8	1.605	1.154
9	1.809	1.402
10	2.005	1.719
11	2.234	2.182
12	2.354	2.504
13	2.608	3.381
14	2.700	3.870
15	1.402	3.912
16	0.000	3.937

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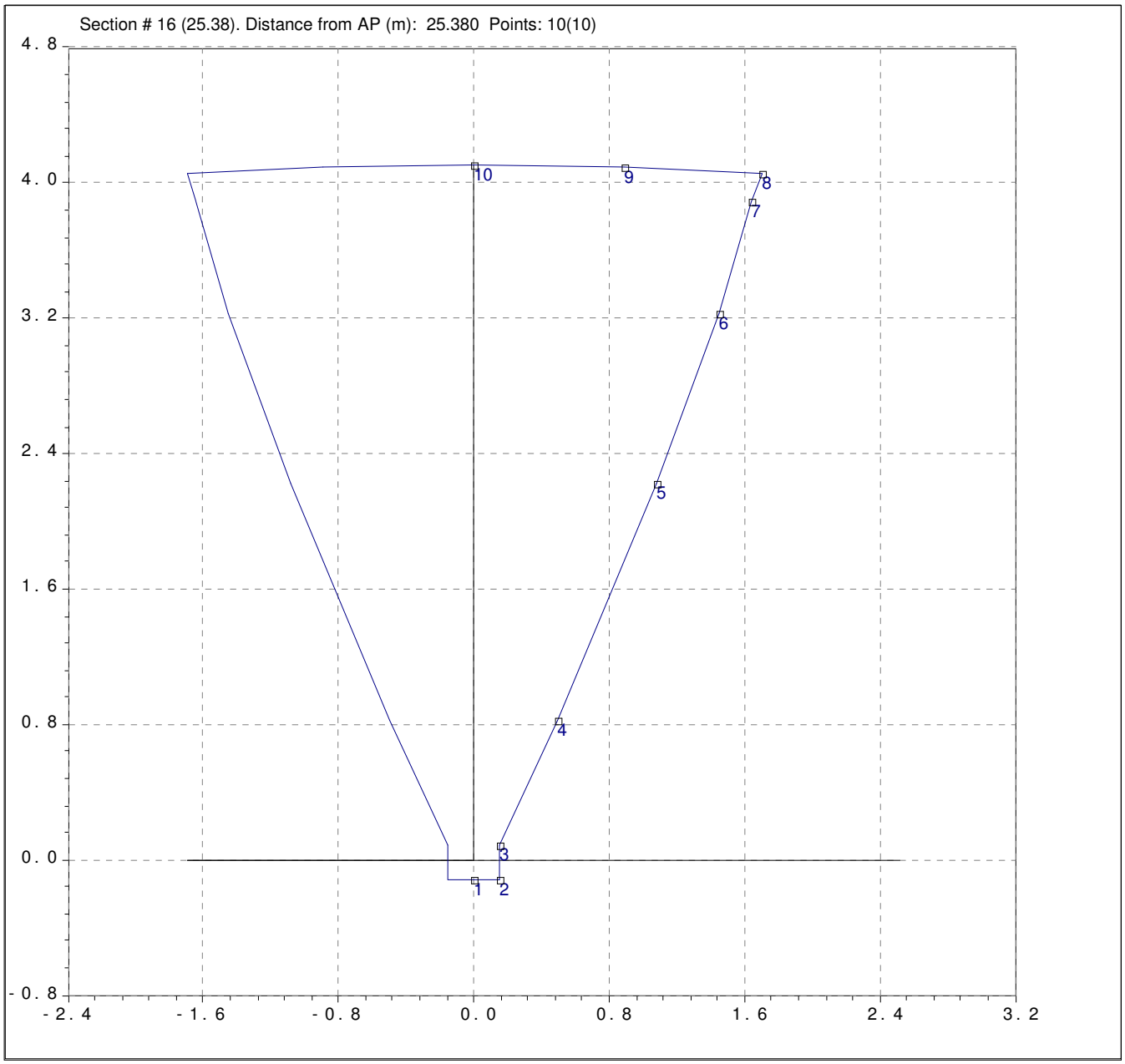
Date: 23 SEP 2019



P	Breadth (m)	Height (m)
1	0.000	-0.137
2	0.150	-0.137
3	0.150	0.080
4	0.488	0.388
5	0.876	0.840
6	1.322	1.439
7	1.737	2.228
8	2.091	3.233
9	2.300	3.954
10	1.095	3.996
11	0.000	4.021

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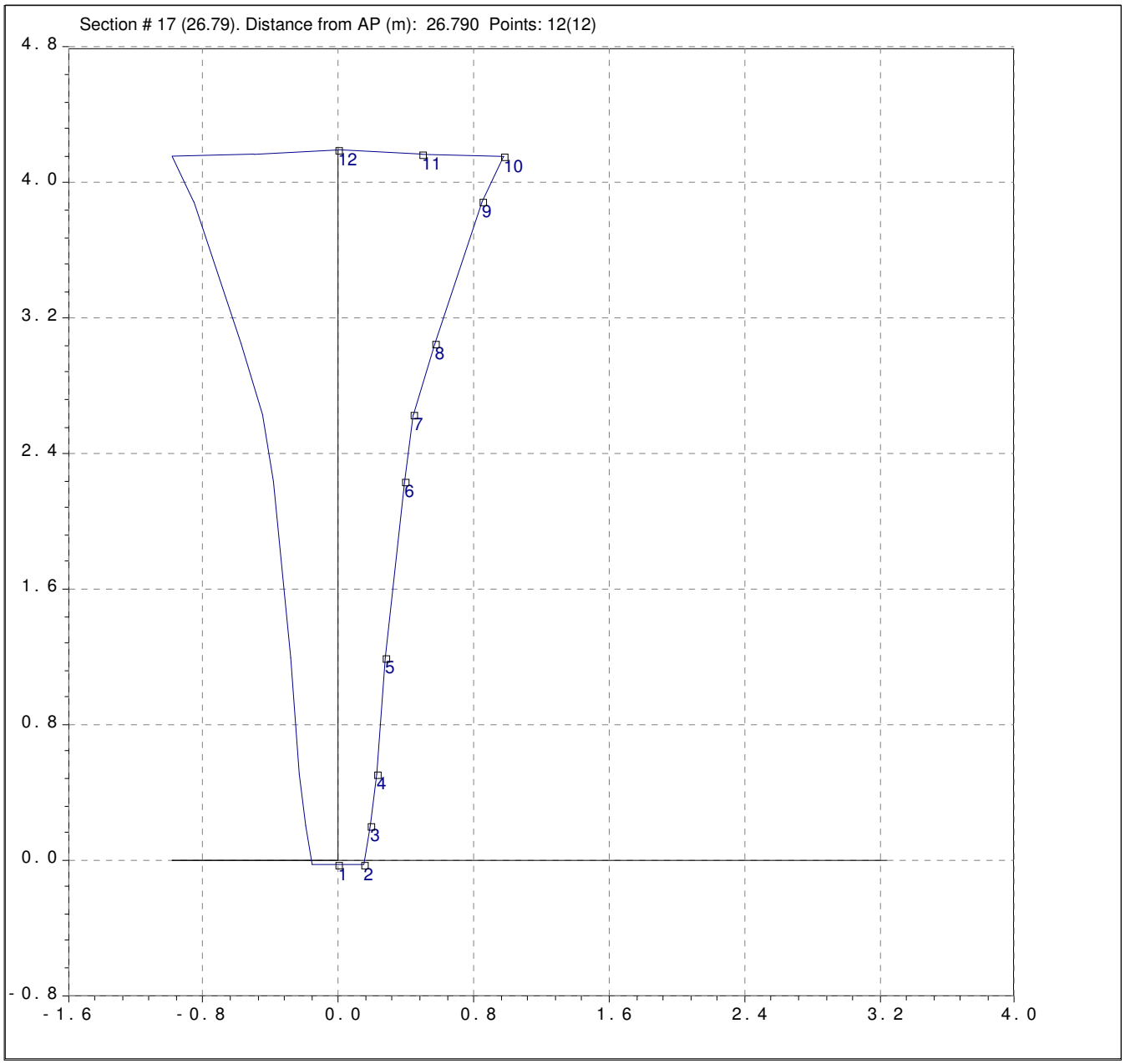
Date: 23 SEP 2019



P	Breadth (m)	Height (m)
1	0.000	-0.115
2	0.150	-0.115
3	0.150	0.082
4	0.498	0.826
5	1.079	2.222
6	1.447	3.233
7	1.645	3.893
8	1.700	4.060
9	0.895	4.090
10	0.000	4.105

Skonnert Ideal

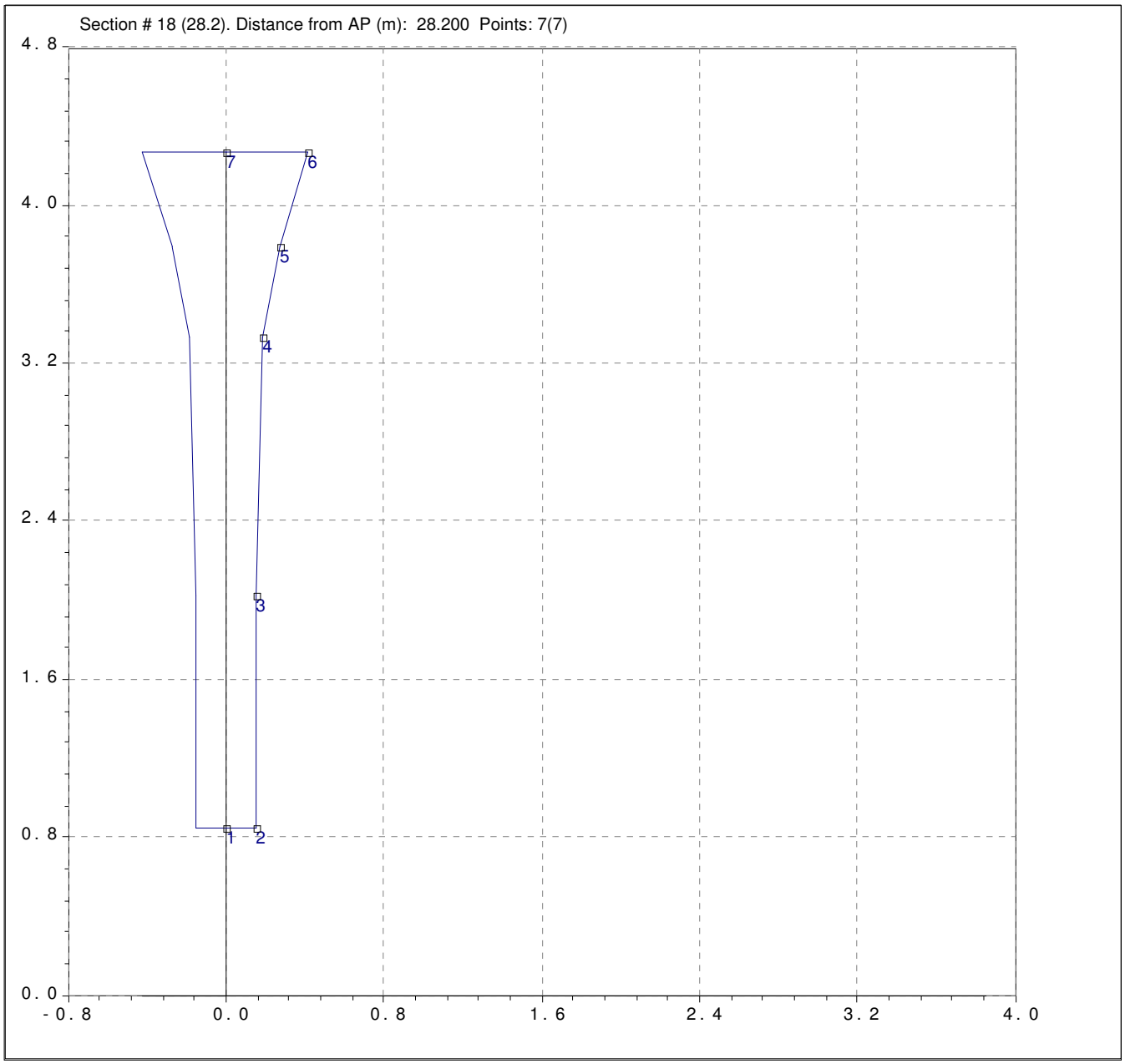
Date: 23 SEP 2019



P	Breadth (m)	Height (m)
1	0.000	-0.028
2	0.150	-0.028
3	0.189	0.195
4	0.226	0.502
5	0.278	1.195
6	0.390	2.241
7	0.449	2.625
8	0.569	3.051
9	0.856	3.891
10	0.980	4.160
11	0.494	4.175
12	0.000	4.190

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P	Breadth (m)	Height (m)
1	0.000	0.847
2	0.150	0.847
3	0.150	2.028
4	0.187	3.338
5	0.272	3.791
6	0.420	4.274
7	0.000	4.274

Skonnert Ideal
The list of Groups

Date: 23 SEP 2019

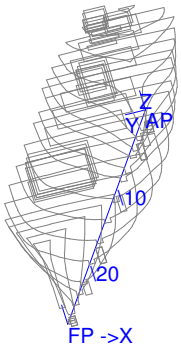
Group No: 1 **Description:** Tonnasjeberegninger
Boxes:
V.Sections: 1-15
Tanks:

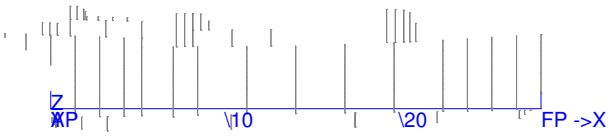
Full volume (m3): 46.012m3 (V.Sections: 46.012m3)

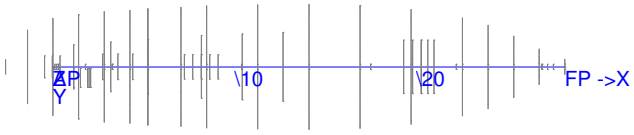
Skonnert Ideal
The drawings of groups

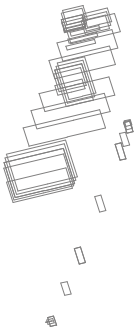
Date: 23 SEP 2019

Group No: 1 **Description:** Tonnasjeberegninger
Boxes:
V.Sections: 1-15
Tanks:











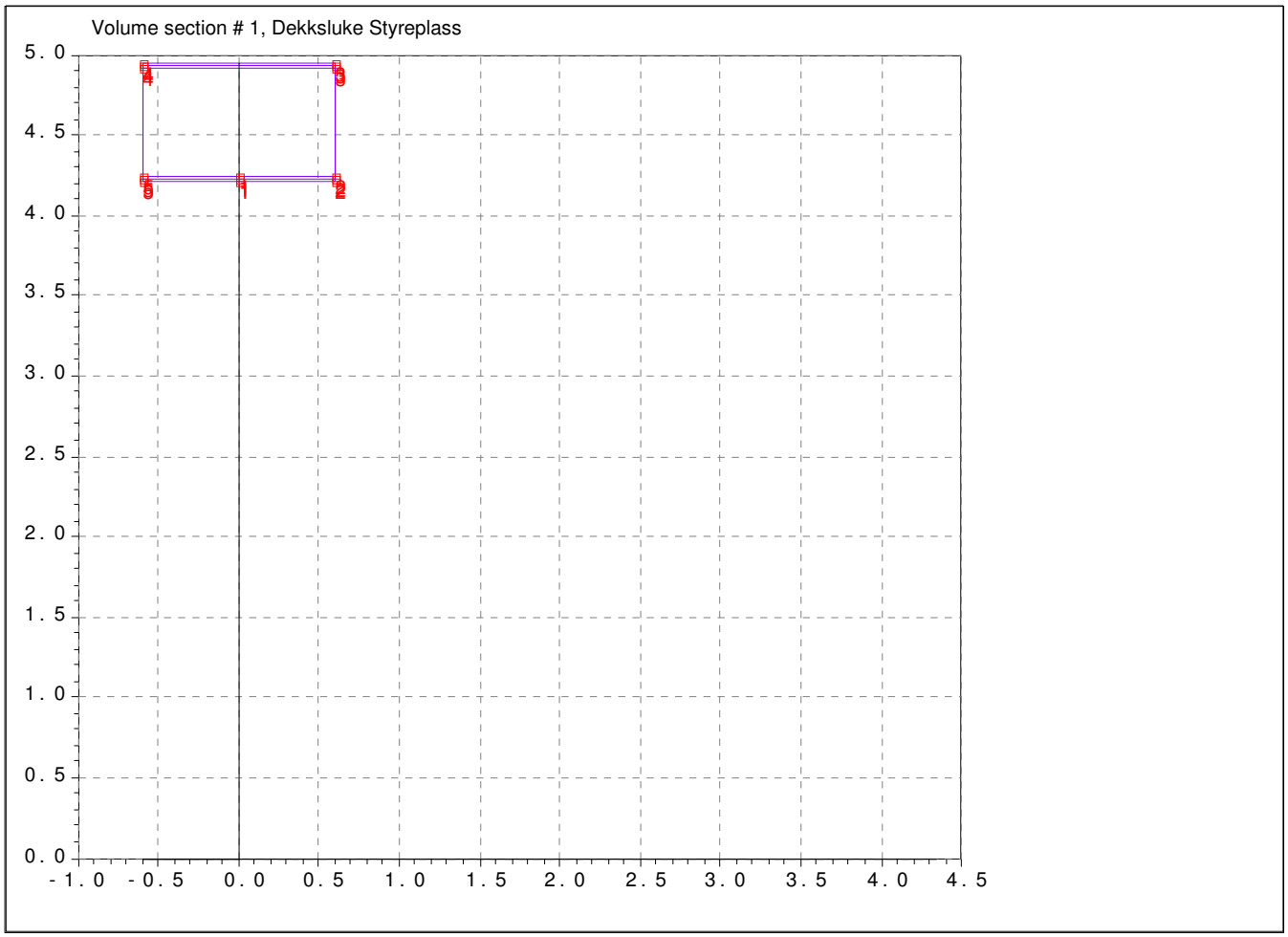


Skonnert Ideal

The list of volume sections.

Date: 23 SEP 2019

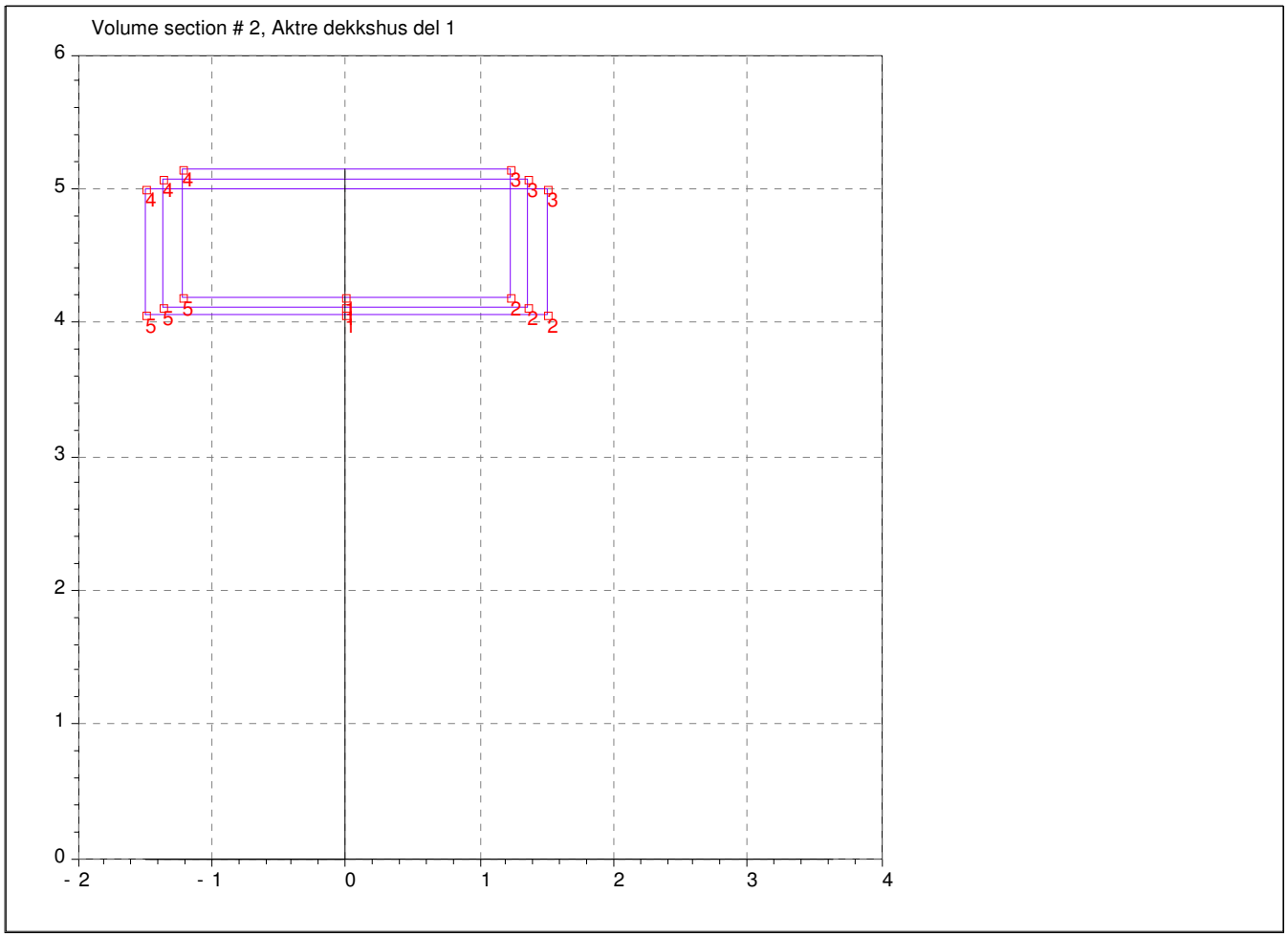
No	+/-	G	Description	From(m)	To(m)	Volume(m3)	LCG(m)	VCG(m)	TCG(m)	Corr.f.	Opt.Ang.
1	+	G	Dekksluke Styreplass	-0.470	0.38	0.71	-0.045	4.582	0.000	1.00000	
2	+	G	Aktre dekkshus del 1	1.13	5.23	10.61	3.249	4.593	0.000	1.00000	
3	+	G	Aktre dekkshus del 2	1.13	1.9	0.58	1.502	5.494	0.615	1.00000	
4	+	G	Aktre dekkshus del 3	1.9	2.07	0.08	1.971	5.353	0.615	1.00000	
5	+	G	Aktre dekkshus del 4	2.730	4.402	0.48	3.566	5.157	0.000	1.00000	
6	+	G	Midtre dekkshus del 1	7.23	8.18	2.42	7.705	4.516	0.000	1.00000	
7	+	G	Midtre dekkshus del 2	8.180	9.09	1.04	8.596	4.951	0.000	1.00000	
8	+	G	Midtre dekkshus del 3	8.18	12.68	15.54	10.464	4.059	0.000	1.00000	
9	+	G	Fremre dekkshus del 1	19.33	20.3	5.36	19.811	4.754	0.000	1.00000	
10	+	G	Fremre dekkshus del 2	20.3	20.99	3.23	20.617	4.657	0.000	1.00000	
11	+	G	Ballastkjøl I	0.087	0.294	0.03	0.202	-0.721	0.000	1.00000	
12	+	G	Ballastkjøl II	0.294	3.271	0.61	1.885	-0.831	0.000	1.00000	
13	+	G	Ballastkjøl III	3.271	17.498	3.48	10.360	-0.762	0.000	1.00000	
14	+	G	Ballastkjøl IV	17.498	26.94	1.80	21.797	-0.505	0.000	1.00000	
15	+	G	Ballastkjøl V	26.94	27.570	0.04	27.150	-0.253	0.000	1.00000	



Gen.code: 0,DK();0.6,z;y,z+0.7;M (Used optimize angle: 0.0)

Volume= 0.714m3 LCG= -0.045m VCG= 4.582m TCG= 0.000m

From AP:-0.470 (-0.470m)			From AP: -0.045 (-0.045m)			From AP:0.38 (0.380m)		
P	Breadth (m)	Height (m)	P	Breadth (m)	Height (m)	P	Breadth (m)	Height (m)
1	0.000	4.247	1	0.000	4.232	1	0.000	4.217
2	0.600	4.247	2	0.600	4.232	2	0.600	4.217
3	0.600	4.947	3	0.600	4.932	3	0.600	4.917
4	-0.600	4.947	4	-0.600	4.932	4	-0.600	4.917
5	-0.600	4.247	5	-0.600	4.232	5	-0.600	4.217



Gen.code: 0,DK();L3(),z;y,z+0.95;M (Used optimize angle: 0.0)

Volume= 10.614m3 LCG= 3.249m VCG= 4.593m TCG= 0.000m

From AP:1.13 (1.130m)

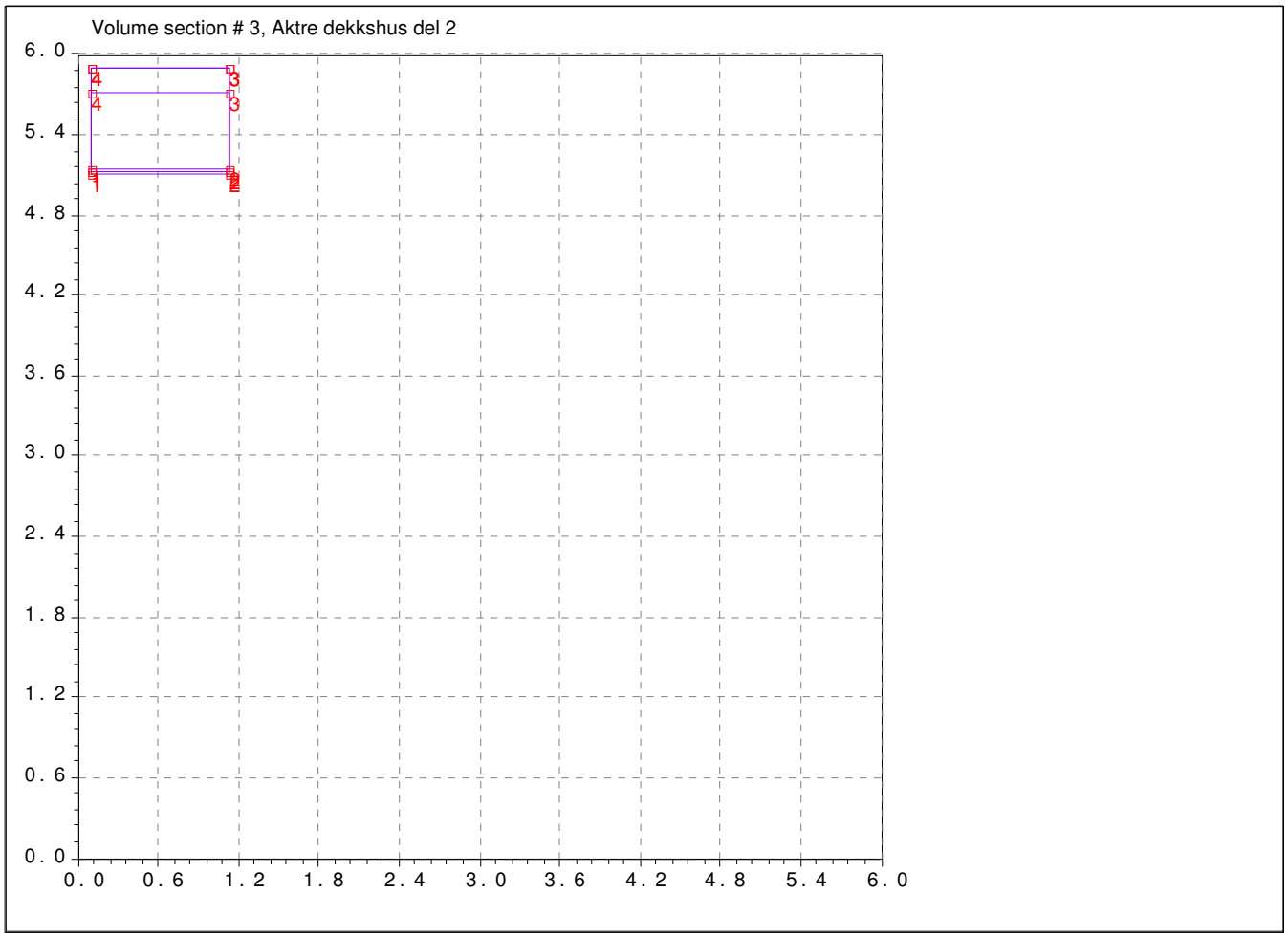
P	Breadth (m)	Height (m)
1	0.000	4.191
2	1.225	4.191
3	1.225	5.141
4	-1.225	5.141
5	-1.225	4.191

From AP: 3.180 (3.180m)

P	Breadth (m)	Height (m)
1	0.000	4.120
2	1.362	4.120
3	1.362	5.070
4	-1.362	5.070
5	-1.362	4.120

From AP:5.23 (5.230m)

P	Breadth (m)	Height (m)
1	0.000	4.050
2	1.500	4.050
3	1.500	5.000
4	-1.500	5.000
5	-1.500	4.050



Gen.code: 0.1,DK()+0.95;1.13,z;y,A3();0.1,z; (Used optimize angle: 0.0)

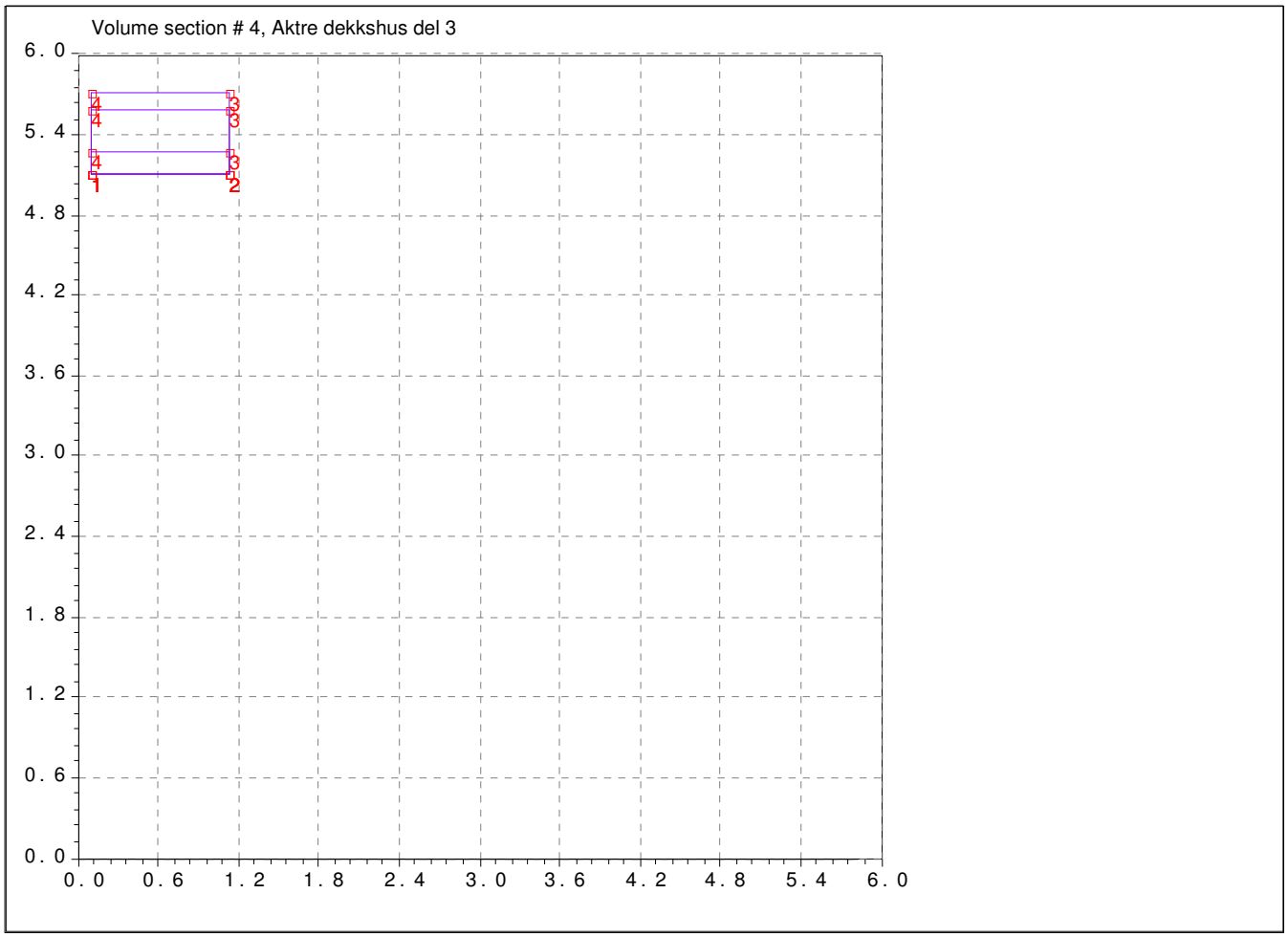
Volume= 0.582m3 LCG= 1.502m VCG= 5.494m TCG= 0.615m

From AP:1.13 (1.130m)			From AP: 1.515 (1.515m)			From AP:1.9 (1.900m)		
P	Breadth (m)	Height (m)	P	Breadth (m)	Height (m)	P	Breadth (m)	Height (m)
1	0.100	5.141	1	0.100	5.128	1	0.100	5.115
2	1.130	5.141	2	1.130	5.128	2	1.130	5.115
3	1.130	5.892	3	1.130	5.891	3	1.130	5.717
4	0.100	5.892	4	0.100	5.891	4	0.100	5.717

Skonnert Ideal

Aktre dekkshus del 3

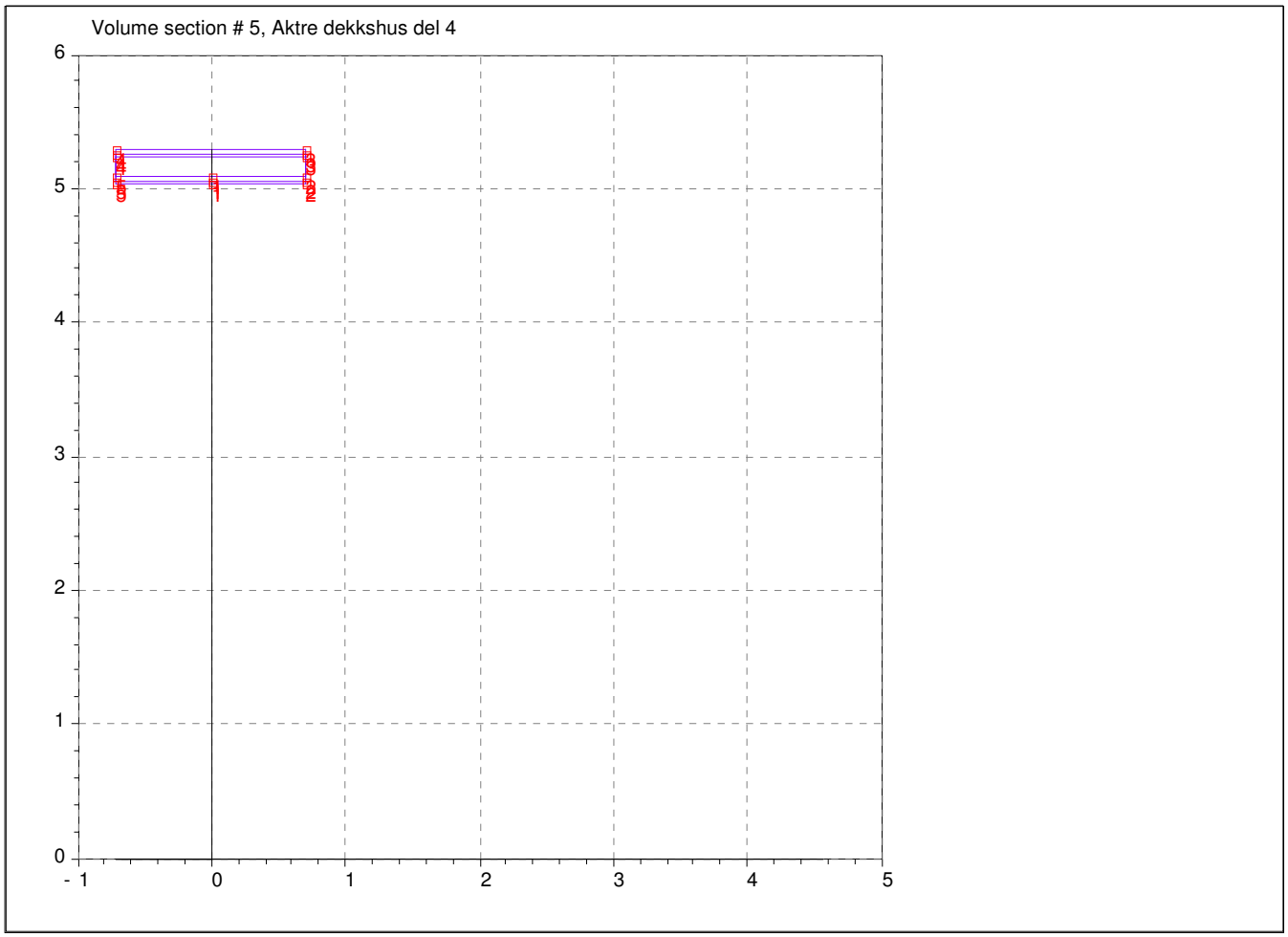
Date: 23 SEP 2019



Gen.code: 0.1,DK()+0.95;1.13,z;y,A3();0.1,z; (Used optimize angle: 0.0)

Volume= 0.078m3 LCG= 1.971m VCG= 5.353m TCG= 0.615m

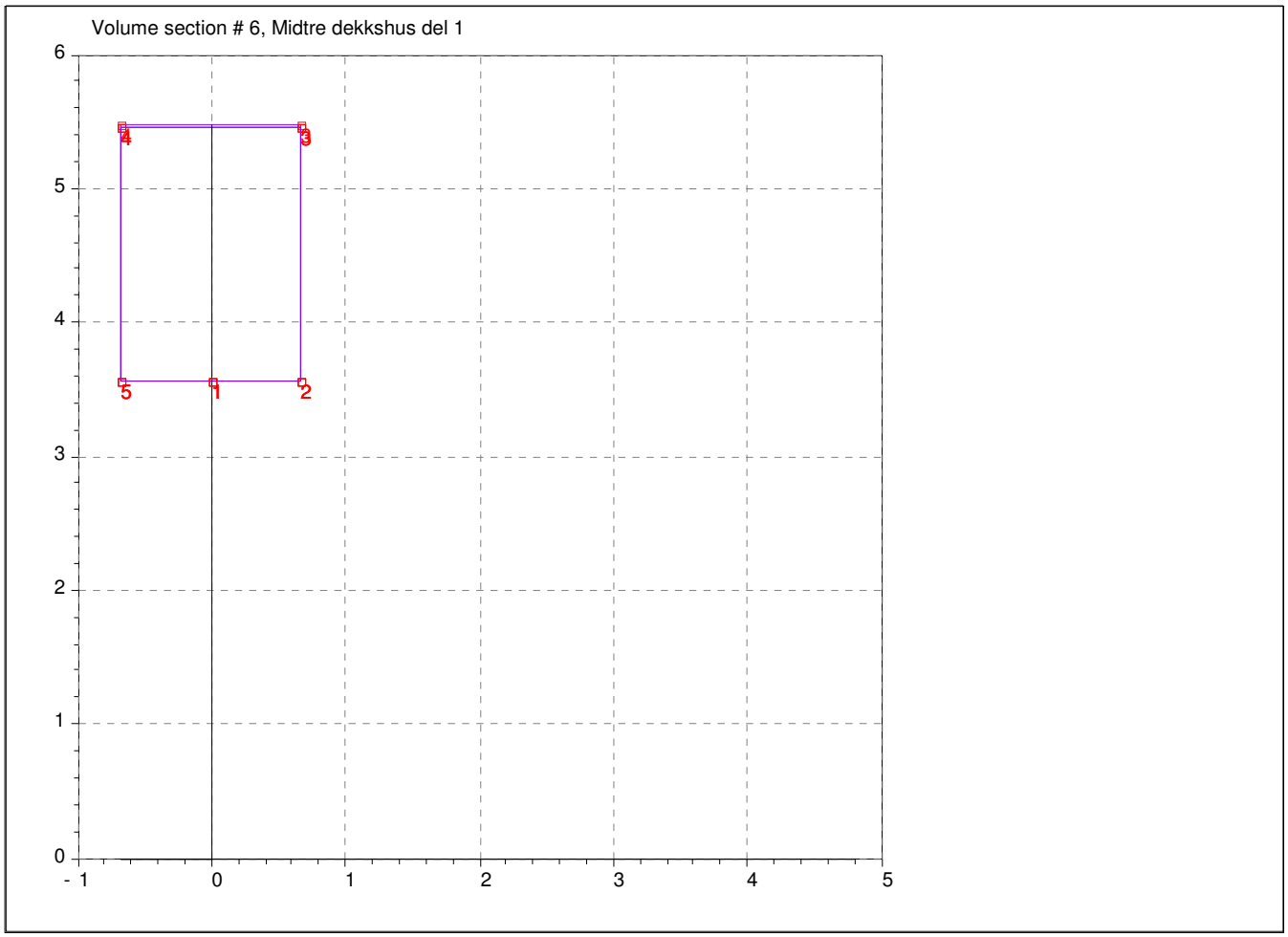
From AP:1.9 (1.900m)			From AP: 1.985 (1.985m)			From AP:2.07 (2.070m)		
P	Breadth (m)	Height (m)	P	Breadth (m)	Height (m)	P	Breadth (m)	Height (m)
1	0.100	5.115	1	0.100	5.112	1	0.100	5.109
2	1.130	5.115	2	1.130	5.112	2	1.130	5.109
3	1.130	5.717	3	1.130	5.586	3	1.130	5.281
4	0.100	5.717	4	0.100	5.586	4	0.100	5.281



Gen.code: 0,DK()+0.95;0.711,z;y,z+0.2;M (Used optimize angle: 0.0)

Volume= 0.476m3 LCG= 3.566m VCG= 5.157m TCG= 0.000m

From AP:2.730 (2.730m)			From AP: 3.566 (3.566m)			From AP:4.402 (4.402m)		
P	Breadth (m)	Height (m)	P	Breadth (m)	Height (m)	P	Breadth (m)	Height (m)
1	0.000	5.086	1	0.000	5.057	1	0.000	5.028
2	0.711	5.086	2	0.711	5.057	2	0.711	5.028
3	0.711	5.286	3	0.711	5.257	3	0.711	5.228
4	-0.711	5.286	4	-0.711	5.257	4	-0.711	5.228
5	-0.711	5.086	5	-0.711	5.057	5	-0.711	5.028



Gen.code: 0,DK();0.67,z;y,z+1.9;M (Used optimize angle: 0.0)

Volume= 2.419m3 LCG= 7.705m VCG= 4.516m TCG= 0.000m

From AP:7.23 (7.230m)

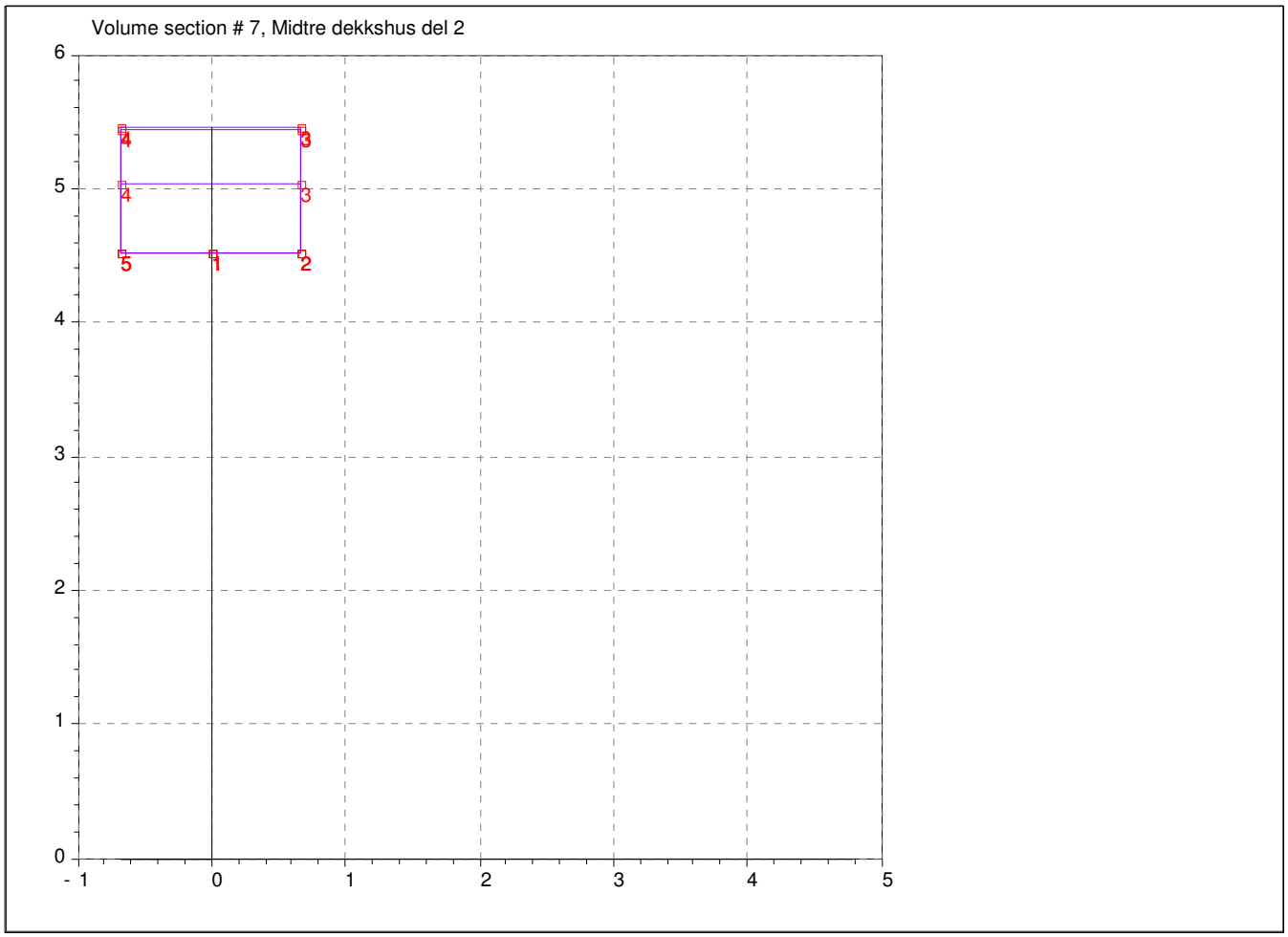
P	Breadth (m)	Height (m)
1	0.000	3.563
2	0.670	3.563
3	0.670	5.463
4	-0.670	5.463
5	-0.670	3.563

From AP: 7.705 (7.705m)

P	Breadth (m)	Height (m)
1	0.000	3.566
2	0.670	3.566
3	0.670	5.466
4	-0.670	5.466
5	-0.670	3.566

From AP:8.18 (8.180m)

P	Breadth (m)	Height (m)
1	0.000	3.569
2	0.670	3.569
3	0.670	5.469
4	-0.670	5.469
5	-0.670	3.569



Gen.code: 0,DK()+0.95;0.67,z;y,A2();M (Used optimize angle: 0.0)

Volume= 1.042m3 LCG= 8.596m VCG= 4.951m TCG= 0.000m

From AP:8.180 (8.180m)

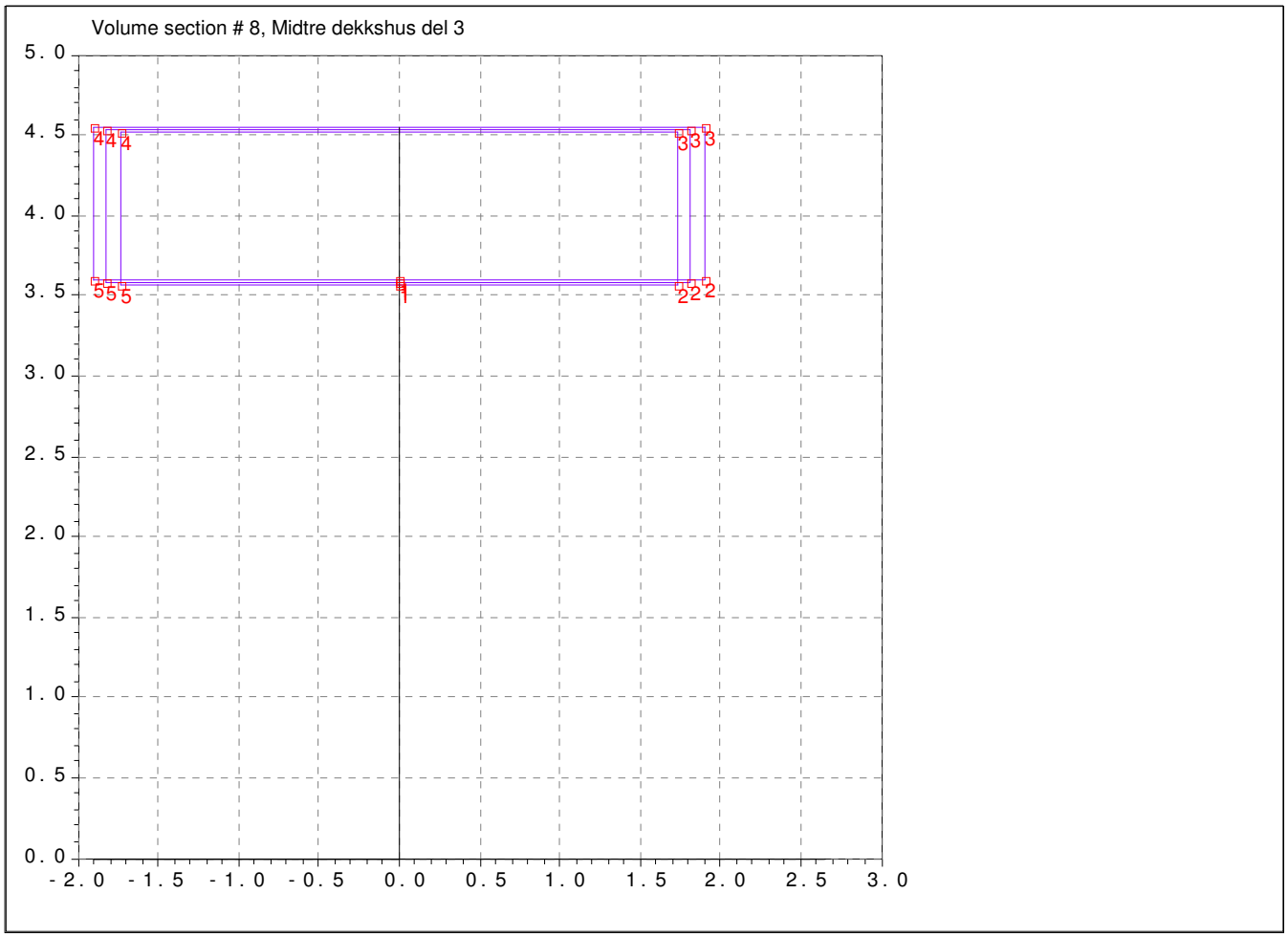
P	Breadth (m)	Height (m)
1	0.000	4.519
2	0.670	4.519
3	0.670	5.463
4	-0.670	5.463
5	-0.670	4.519

From AP: 8.635 (8.635m)

P	Breadth (m)	Height (m)
1	0.000	4.522
2	0.670	4.522
3	0.670	5.443
4	-0.670	5.443
5	-0.670	4.522

From AP:9.09 (9.090m)

P	Breadth (m)	Height (m)
1	0.000	4.525
2	0.670	4.525
3	0.670	5.028
4	-0.670	5.028
5	-0.670	4.525



Gen.code: 0,DK();L2(),z;y,z+0.95;M (Used optimize angle: 0.0)

Volume= 15.540m3 LCG= 10.464m VCG= 4.059m TCG= 0.000m

From AP:8.18 (8.180m)

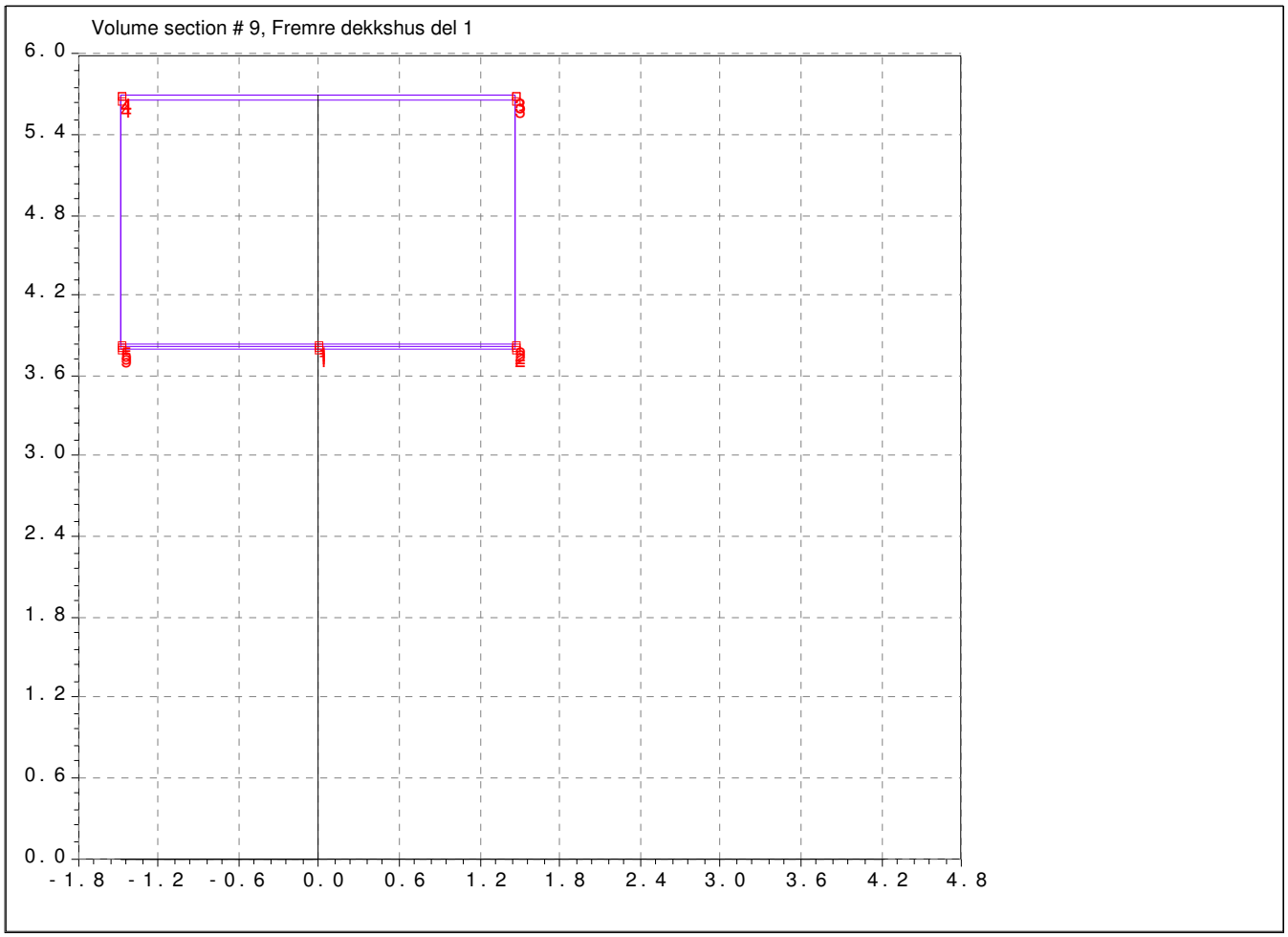
P	Breadth (m)	Height (m)
1	0.000	3.569
2	1.735	3.569
3	1.735	4.519
4	-1.735	4.519
5	-1.735	3.569

From AP: 10.430 (10.430m)

P	Breadth (m)	Height (m)
1	0.000	3.584
2	1.817	3.584
3	1.817	4.534
4	-1.817	4.534
5	-1.817	3.584

From AP:12.68 (12.680m)

P	Breadth (m)	Height (m)
1	0.000	3.598
2	1.900	3.598
3	1.900	4.548
4	-1.900	4.548
5	-1.900	3.598



Gen.code: 0,DK(); 1.475,z;y,A1();M (Used optimize angle: 0.0)

Volume= 5.360m3 LCG= 19.811m VCG= 4.754m TCG= 0.000m

From AP:19.33 (19.330m)

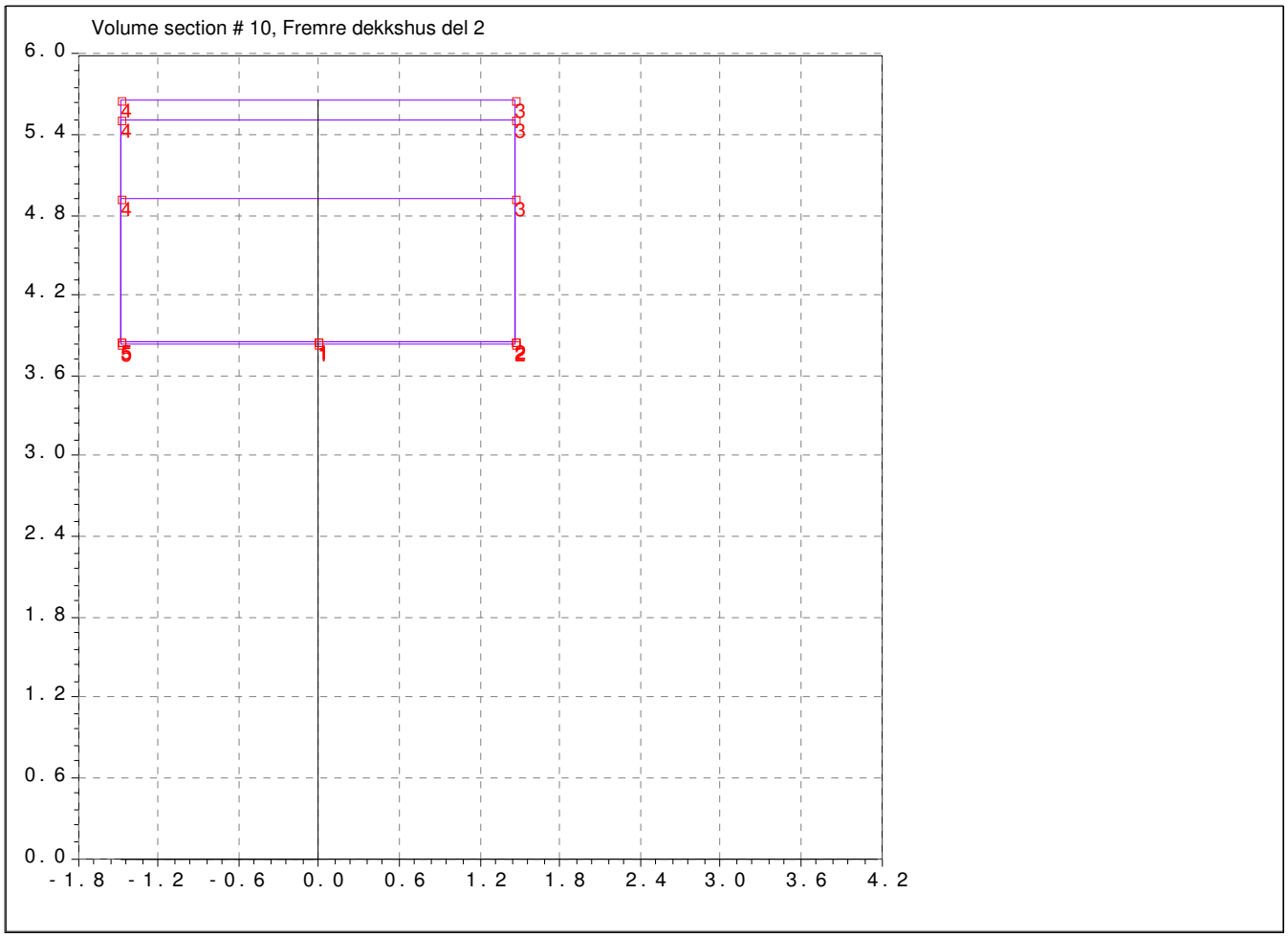
P	Breadth (m)	Height (m)
1	0.000	3.798
2	1.475	3.798
3	1.475	5.698
4	-1.475	5.698
5	-1.475	3.798

From AP: 19.815 (19.815m)

P	Breadth (m)	Height (m)
1	0.000	3.817
2	1.475	3.817
3	1.475	5.698
4	-1.475	5.698
5	-1.475	3.817

From AP:20.3 (20.300m)

P	Breadth (m)	Height (m)
1	0.000	3.835
2	1.475	3.835
3	1.475	5.651
4	-1.475	5.651
5	-1.475	3.835



Gen.code: 0,DK(); 1.475,z;y,A1();M (Used optimize angle: 0.0)

Volume= 3.227m3 LCG= 20.617m VCG= 4.657m TCG= 0.000m

From AP:20.3 (20.300m)

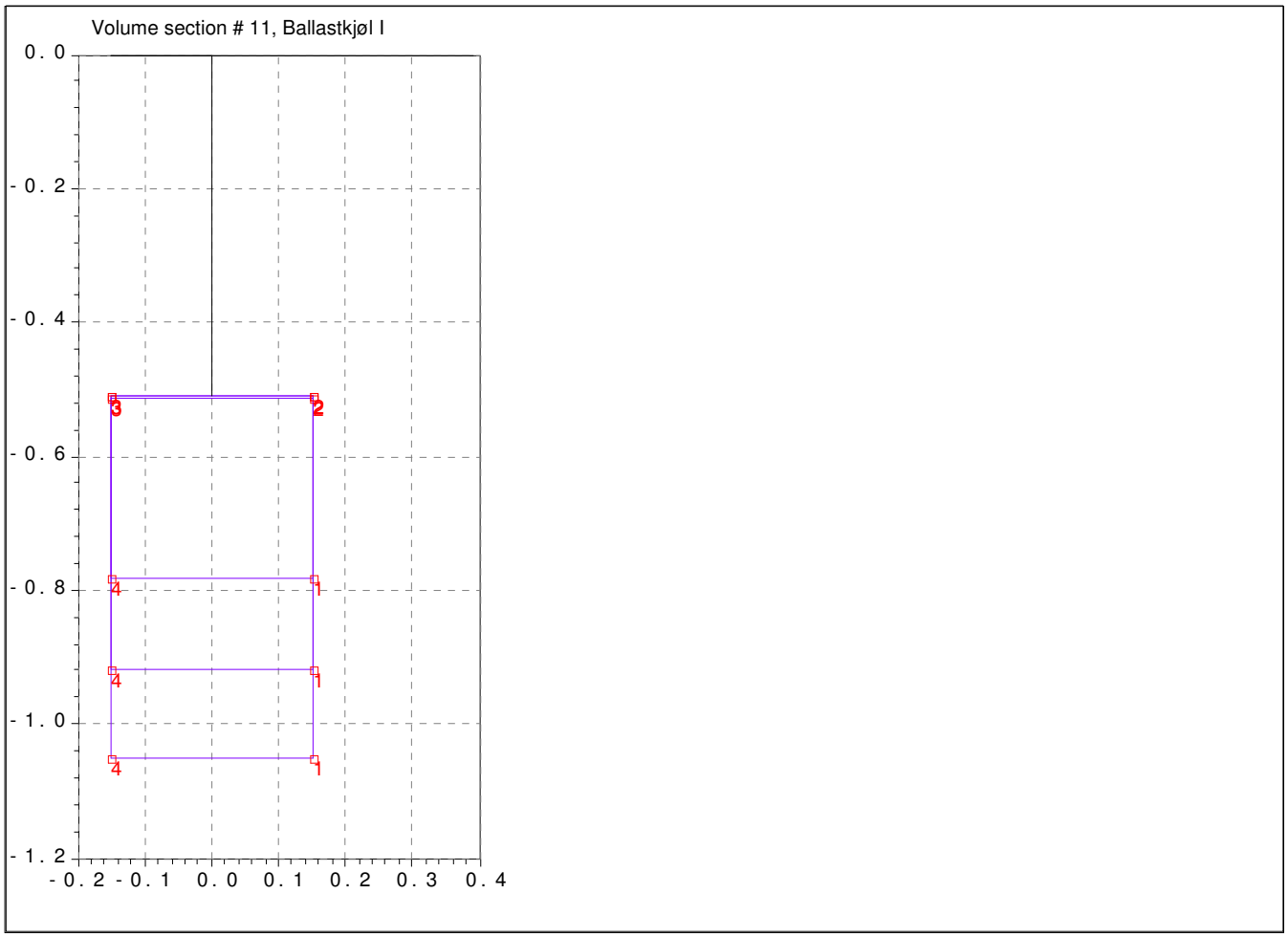
P	Breadth (m)	Height (m)
1	0.000	3.835
2	1.475	3.835
3	1.475	5.651
4	-1.475	5.651
5	-1.475	3.835

From AP: 20.645 (20.645m)

P	Breadth (m)	Height (m)
1	0.000	3.848
2	1.475	3.848
3	1.475	5.509
4	-1.475	5.509
5	-1.475	3.848

From AP:20.99 (20.990m)

P	Breadth (m)	Height (m)
1	0.000	3.861
2	1.475	3.861
3	1.475	4.915
4	-1.475	4.915
5	-1.475	3.861



Gen.code: -0.15,NKL2() ; 0.15,Z ; Y,KL2() ; -0.15,Z (Used optimize angle: 0.0)

Volume= 0.025m3 LCG= 0.202m VCG= -0.721m TCG= 0.000m

From AP:0.087 (0.087m)

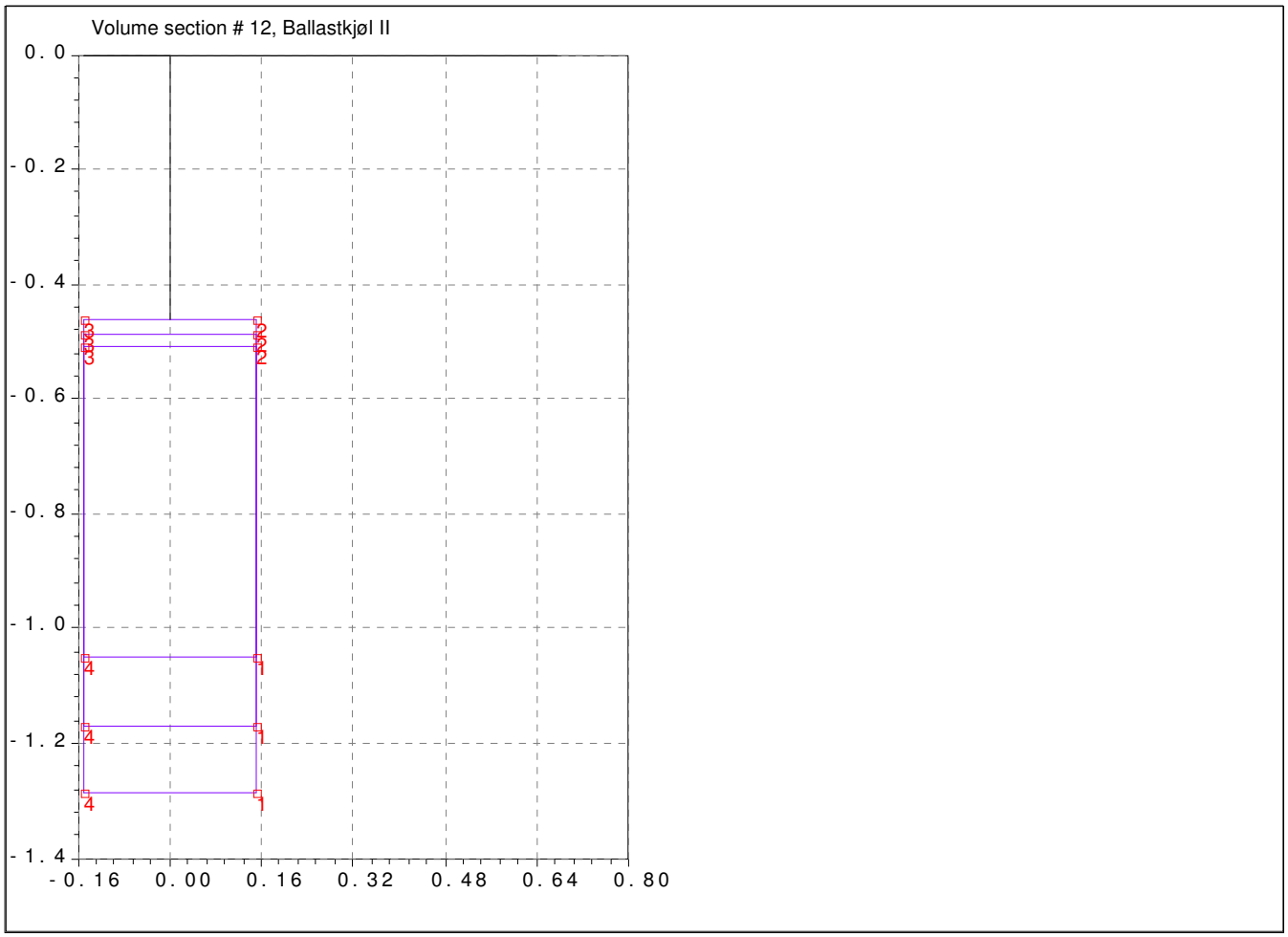
P	Breadth (m)	Height (m)
1	0.150	-0.784
2	0.150	-0.512
3	-0.150	-0.512
4	-0.150	-0.784

From AP: 0.191 (0.191m)

P	Breadth (m)	Height (m)
1	0.150	-0.918
2	0.150	-0.510
3	-0.150	-0.510
4	-0.150	-0.918

From AP:0.294 (0.294m)

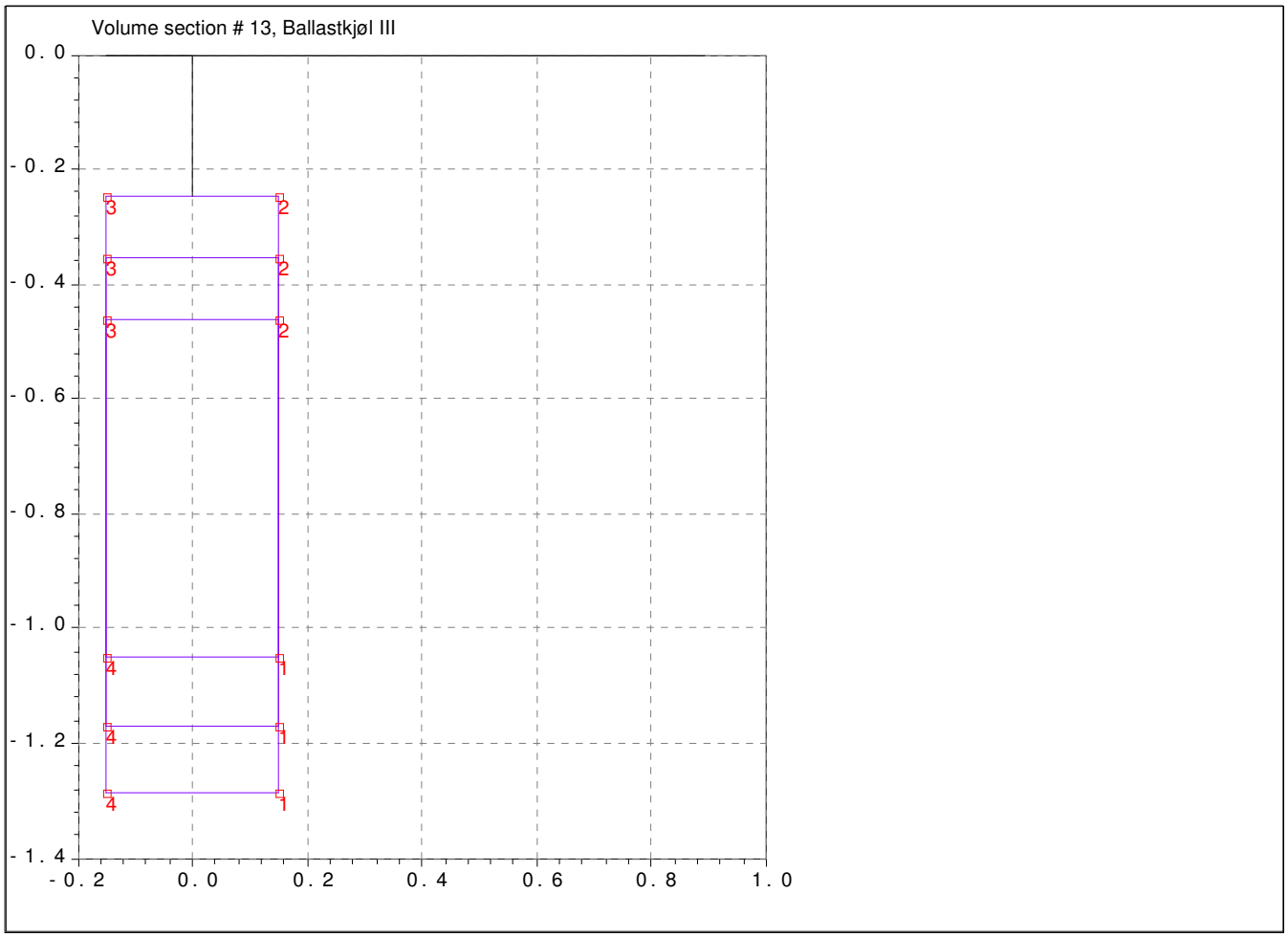
P	Breadth (m)	Height (m)
1	0.150	-1.050
2	0.150	-0.509
3	-0.150	-0.509
4	-0.150	-1.050



Gen.code: -0.15,NKL2() ; 0.15,Z ; Y,KL2() ; -0.15,Z (Used optimize angle: 0.0)

Volume= 0.610m3 LCG= 1.885m VCG= -0.831m TCG= 0.000m

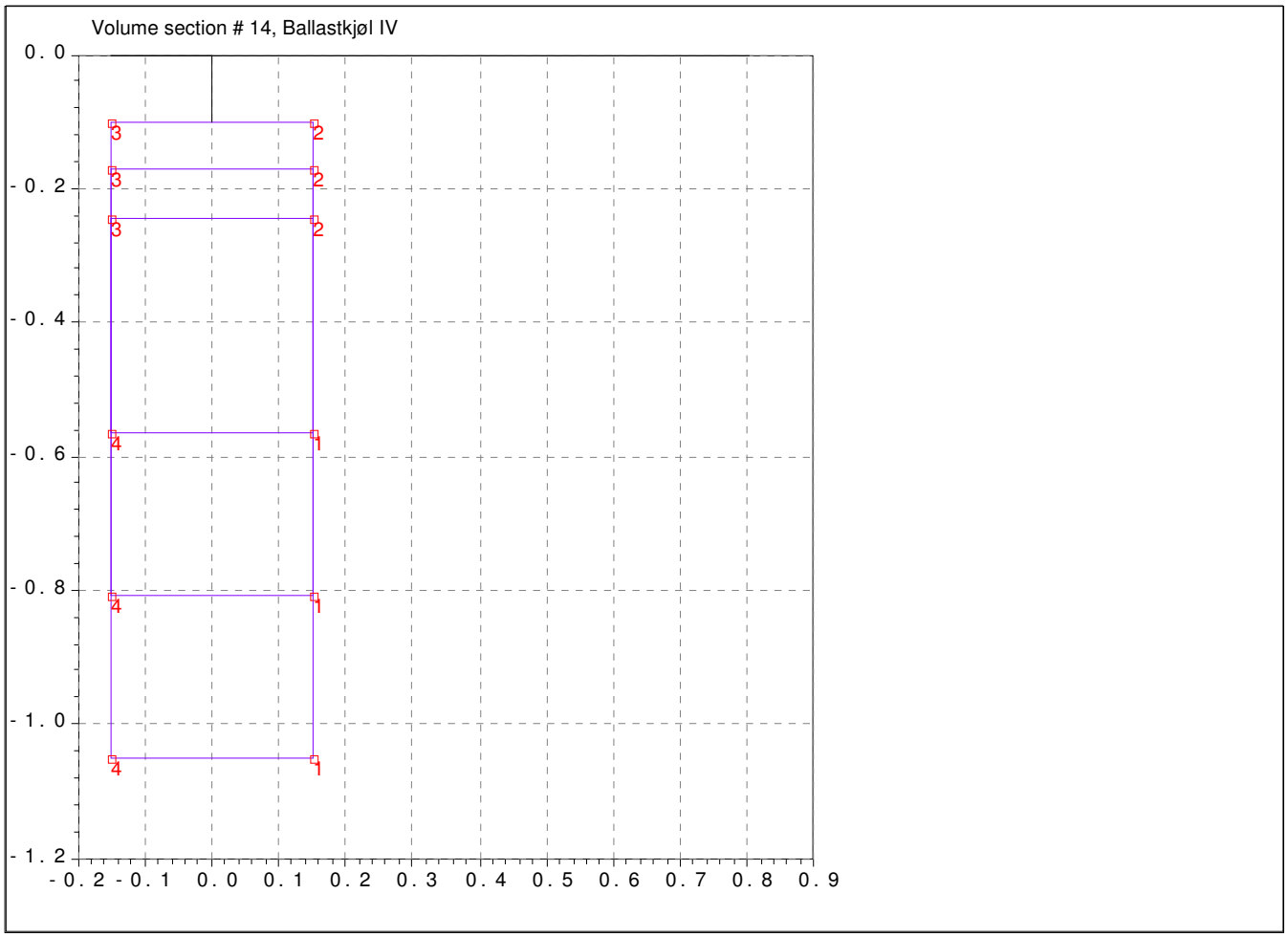
From AP:0.294 (0.294m)			From AP: 1.783 (1.783m)			From AP:3.271 (3.271m)		
P	Breadth (m)	Height (m)	P	Breadth (m)	Height (m)	P	Breadth (m)	Height (m)
1	0.150	-1.050	1	0.150	-1.169	1	0.150	-1.287
2	0.150	-0.509	2	0.150	-0.486	2	0.150	-0.463
3	-0.150	-0.509	3	-0.150	-0.486	3	-0.150	-0.463
4	-0.150	-1.050	4	-0.150	-1.169	4	-0.150	-1.287



Gen.code: -0.15,NKL2() ; 0.15,Z ; Y,KL2() ; -0.15,Z (Used optimize angle: 0.0)

Volume= 3.480m3 LCG= 10.360m VCG= -0.762m TCG= 0.000m

From AP:3.271 (3.271m)			From AP: 10.385 (10.385m)			From AP:17.498 (17.498m)		
P	Breadth (m)	Height (m)	P	Breadth (m)	Height (m)	P	Breadth (m)	Height (m)
1	0.150	-1.287	1	0.150	-1.169	1	0.150	-1.052
2	0.150	-0.463	2	0.150	-0.354	2	0.150	-0.245
3	-0.150	-0.463	3	-0.150	-0.354	3	-0.150	-0.245
4	-0.150	-1.287	4	-0.150	-1.169	4	-0.150	-1.052



Gen.code: -0.15,NKL2() ; 0.15,Z ; Y,KL2() ; -0.15,Z (Used optimize angle: 0.0)

Volume= 1.802m3 LCG= 21.797m VCG= -0.505m TCG= 0.000m

From AP:17.498 (17.498m)

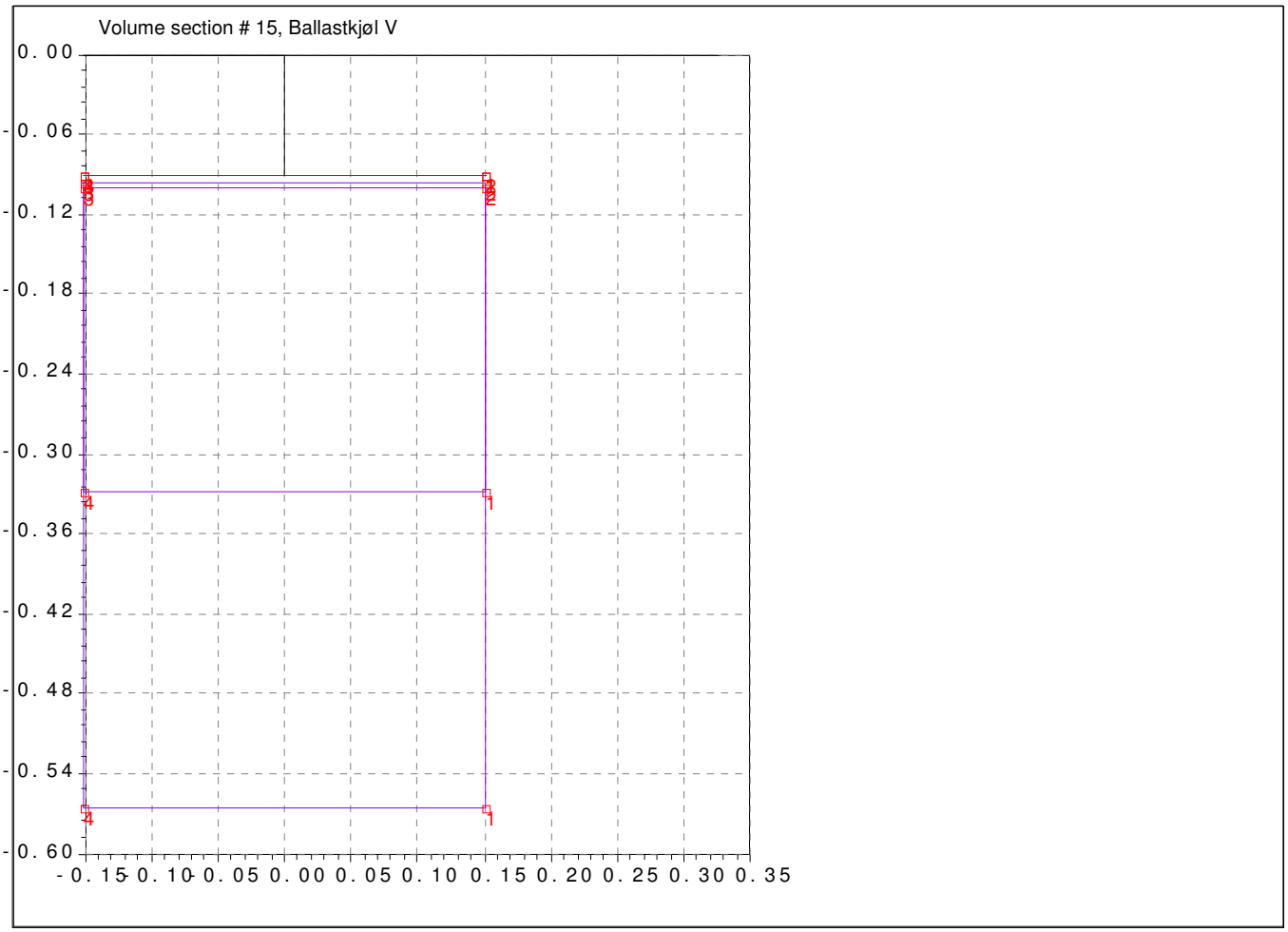
P	Breadth (m)	Height (m)
1	0.150	-1.052
2	0.150	-0.245
3	-0.150	-0.245
4	-0.150	-1.052

From AP: 22.219 (22.219m)

P	Breadth (m)	Height (m)
1	0.150	-0.809
2	0.150	-0.173
3	-0.150	-0.173
4	-0.150	-0.809

From AP:26.94 (26.940m)

P	Breadth (m)	Height (m)
1	0.150	-0.566
2	0.150	-0.101
3	-0.150	-0.101
4	-0.150	-0.566



Gen.code: -0.15,NKL2() ; 0.15,Z ; Y,KL2() ; -0.15,Z (Used optimize angle: 0.0)

Volume= 0.044m3 LCG= 27.150m VCG= -0.253m TCG= 0.000m

From AP:26.94 (26.940m)

P	Breadth (m)	Height (m)
1	0.150	-0.566
2	0.150	-0.101
3	-0.150	-0.101
4	-0.150	-0.566

From AP: 27.255 (27.255m)

P	Breadth (m)	Height (m)
1	0.150	-0.329
2	0.150	-0.096
3	-0.150	-0.096
4	-0.150	-0.329

From AP:27.570 (27.570m)

P	Breadth (m)	Height (m)
1	0.150	-0.091
2	0.150	-0.091
3	-0.150	-0.091
4	-0.150	-0.091