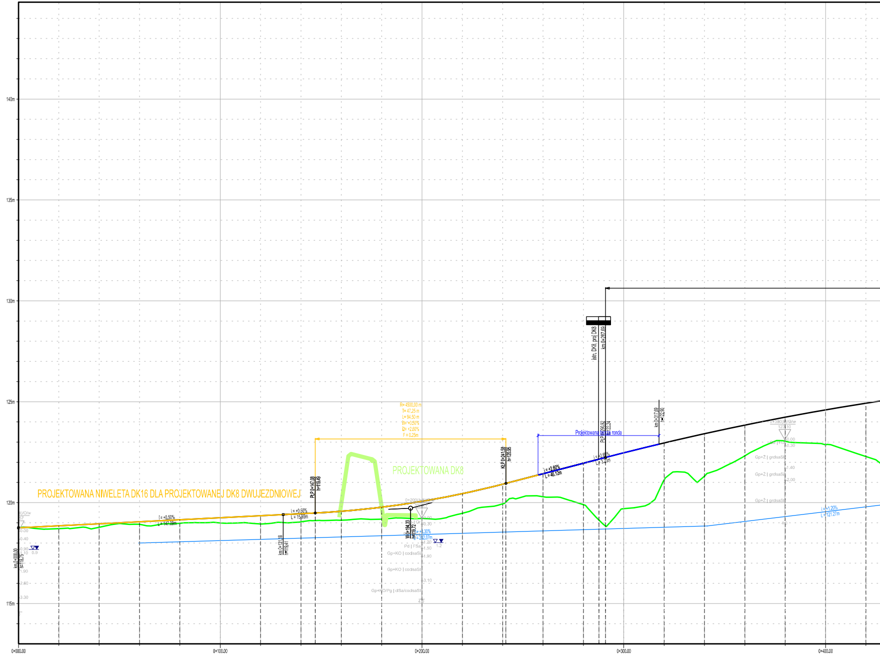
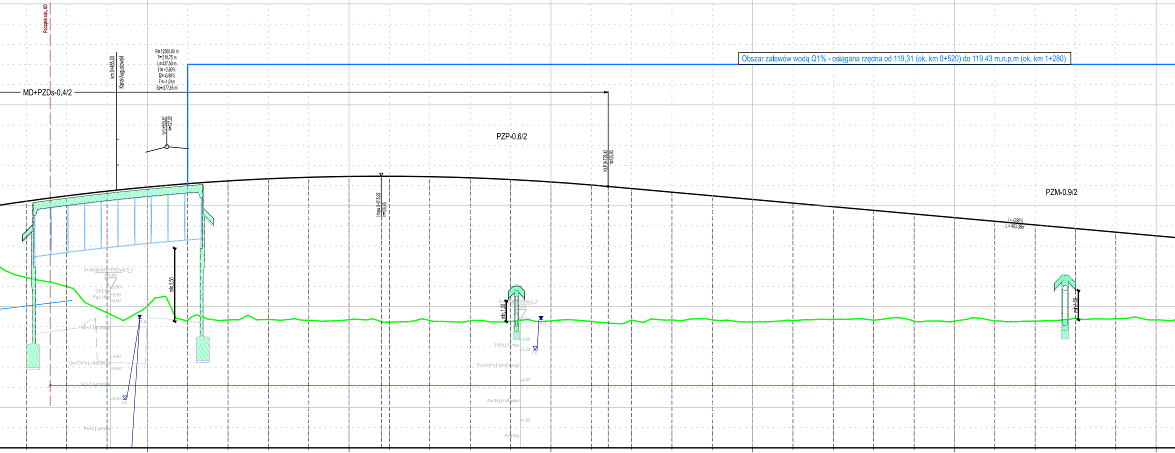

140m
135m
130m
125m
120m
115m
PROJEKTOWANA NIWELETA DK16 DLA PROJEKTOWANEJ DK8 DWUJEZDNIOWEJ
PROJEKTOWANA DK8
km 0+000.00
h=118.75
i = +0,50%
L = 147,09m
km 0+131.18
h=119,41
i = +0,50%
L = 15,90m
Pł.P 0+147.08
h=119,49
R= 4500,00 m
T= 47,25 m
L= 94,50 m
i1= +0,50%
i2= +2,60%
F = 0,25m
W 0+194.33
h=119,72
i = +0,30%
L = 282,07m
KŁ.P 0+241.58
h=120,95
i = +2,60%
L = 46,12m
Projektowana łącznica ronda
istn. DK8, proj DK8
km 0+287.69
Pł.P 0+290.92
h=122,24
i = +2,60%
L = 3,23m
km 0+317.69
h=122,90
i = +1,20%
L = 121,27m
0.00
-0.40
-0.90
-1.10
0.9
-1.90
-2.60
-3.30
0+200
112,21
0.00
-0.30
-1.20
1.2
-1.50
-1.90
-3.10
4.0
Pd | FSa
Gp+KO | coclsaSi
Gp+KO | coclsaSi
Gp+KO/Pg | clSa/coclsaSi
0+380
123,10
0.00
-0.30
-1.40
-2.00
4.0
Gp+Ż | grclsaSi
Gp+Ż | grclsaSi
Gp+Ż | grclsaSi
0+000.00
0+100.00
0+200.00
0+300.00
0+400.00

Pikietaż	0+000.00	0+020.00	0+040.00	0+060.00	0+080.00	0+100.00	0+120.00	0+134.59
Rzędne projektowane	118,75m	118,85m	118,95m	119,05m	119,15m	119,25m	119,35m	
Rzędne Istniejące	118,75m	118,71m	118,78m	118,93m	118,97m	118,99m	118,94m	
Różnica rzędnych	0,00m	0,14m	0,17m	0,13m	0,18m	0,26m	0,41m	
Proste i łuki poziome	L = 134,59m							A = -500,00m
Pochylenia i łuki pionowe	i = +0,50% L = 147,08m							

Pikietaż	0+140.00	0+147.08	0+160.00	0+180.00	0+200.00	0+220.00	0+240.00	0+241.58
Rzędne projektowane	119,45m	119,49m	119,57m	119,77m	120,06m	120,44m	120,91m	120,95m
Rzędne Istniejące	119,05m	119,11m	119,13m	119,18m	119,21m	119,47m	119,94m	119,99m
Różnica rzędnych	0,40m	0,38m	0,44m	0,59m	0,85m	0,97m	0,97m	0,97m
Proste i łuki poziome								
Pochylenia i łuki pionowe		Ll = 94,50m R = 4500,00m						i = +2,60% L = 46,11m

Pikietaż	0+260.00	0+280.00	0+287.69	0+290.92	0+300.00	0+320.00	0+340.00	0+360.00	0+380.00	0+400.00	0+420.00
Rzędne projektowane	121,43m	121,95m	122,15m	122,24m	122,47m	122,96m	123,42m	123,84m	124,23m	124,6m	124,93m
Rzędne Istniejące	120,29m	119,9m	119,14m	118,84m	119,7m	121,12m	121,31m	122,32m	123,04m	122,87m	122,29m
Różnica rzędnych	1,14m	2,05m	3,01m	3,40m	2,77m	1,84m	2,10m	1,52m	1,19m	1,72m	2,64m
Proste i łuki poziome											
Pochylenia i łuki pionowe			i = +2,60% L = 3,23m								

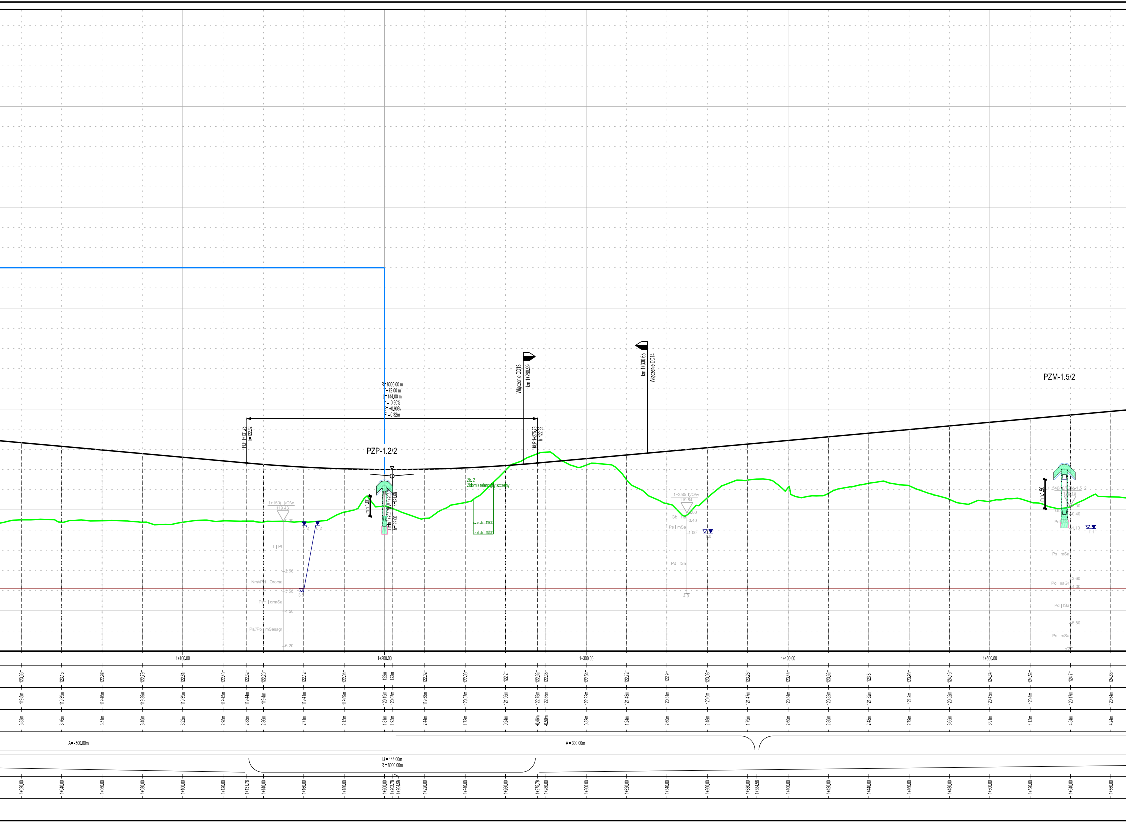

Początek odc. KD
km 0+485,00
Kanał Augustowski
R=12500,00 m
T=218,75 m
L=437,50 m
i1= +2,60%
i2= -0,90%
F= -1,91m
Sz= 277,65 m
Obszar zalewów wodą Q1% - osiągana rzędna od 119,31 (ok. km 0+520) do 119,43 m.n.p.m (ok. km 1+280)
MD+PZDs-0.4/2
W 0+509,67
h=127,92
PZP-0.6/2
KŁP 0+728,42
h=125,95
Hmax 0+615,92
h=126,46
PZM-0.9/2
i = -0,90%
L = 403,36m
mIn.3,50
mIn.1,00
mIn.1,50
0+482(II)/MD+PZDs-0.5_2
120.90
0.00
Gb | Hu
Pg | clSa
0.30
0.60
1.5
Gp+Ż | grclsaSi
3.40
Gp+Ż//Ps | clsaSimsa
4.00
Gp+Ż | grclsaSi
5.50
5.5
Ps+Ż | grmSa
0+6..(II)/PZD-0.6_2
119.34
0.00
0.0
1.00
T//Ps | Plmsa
1.50
1.5
Ps+H//Pg | grmSasagr
3.00
Ps//Pg | mSaclsa
5.00
Pd | fSa
0+500.00
0+600.00
0+700.00
0+800.00
0+900.00
1+000.00

0+440,00	125,22m	121,45m	3,77m
0+447,09			
0+460,00	125,49m	121m	4,49m
0+480,00	125,72m	119,69m	6,03m
0+500,00	125,92m	120,03m	5,90m
0+520,00	126,09m	119,32m	6,77m
0+540,00	126,23m	119,34m	6,90m
0+560,00	126,34m	119,37m	6,97m
0+580,00	126,41m	119,32m	7,09m
0+600,00	126,45m	119,36m	7,10m
0+615,92	126,46m	119,25m	7,21m
0+620,00	126,46m	119,23m	7,23m
0+640,00	126,44m	119,31m	7,13m
0+660,00	126,38m	119,3m	7,09m
0+680,00	126,3m	119,27m	7,03m
0+700,00	126,18m	119,29m	6,89m
0+720,00	126,03m	119,27m	6,76m
0+728,42	125,95m	119,18m	6,77m
0+740,00	125,85m	119,33m	6,52m
0+760,00	125,67m	119,34m	6,34m
0+780,00	125,49m	119,35m	6,14m
0+800,00	125,31m	119,24m	6,07m
0+820,00	125,13m	119,31m	5,82m
0+840,00	124,95m	119,37m	5,58m
0+860,00	124,77m	119,33m	5,44m
0+880,00	124,59m	119,28m	5,31m
0+892,08			
0+900,00	124,41m	119,28m	5,13m
0+920,00	124,23m	119,29m	4,94m
0+940,00	124,05m	119,29m	4,76m
0+960,00	123,87m	119,41m	4,46m
0+980,00	123,69m	119,4m	4,29m
1+000,00	123,51m	119,34m	4,17m

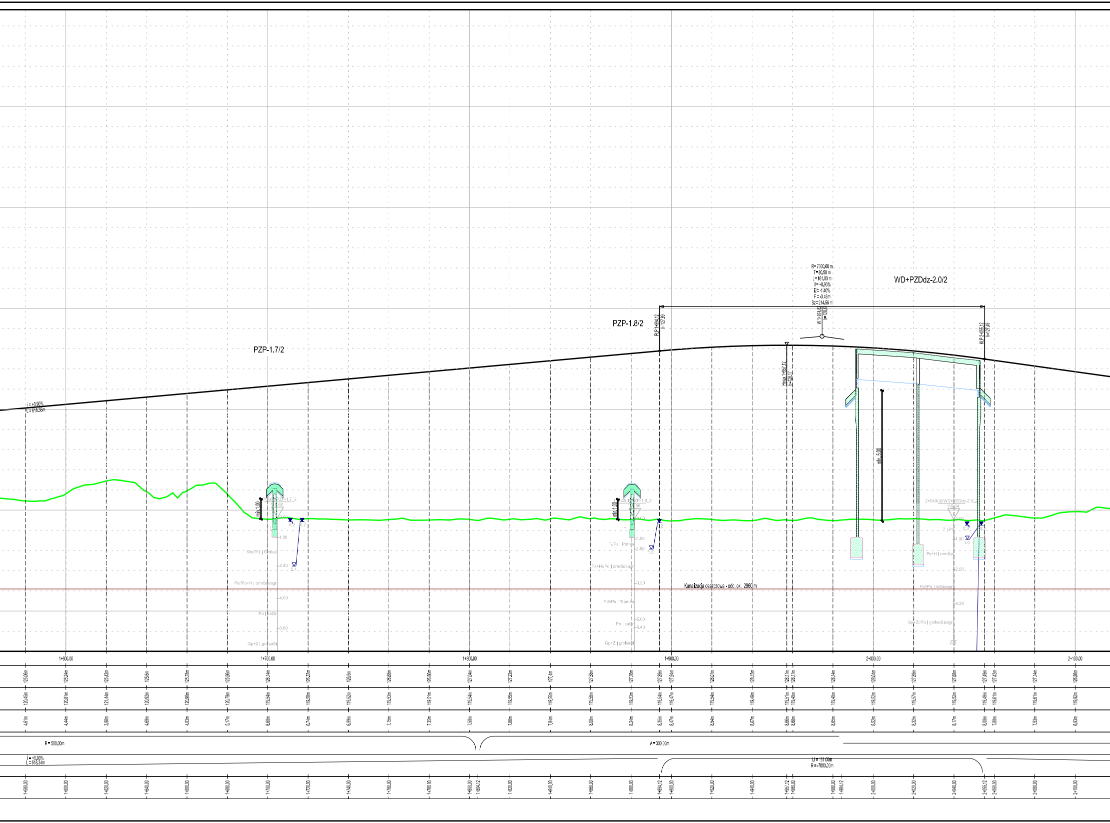
R= 800,00m

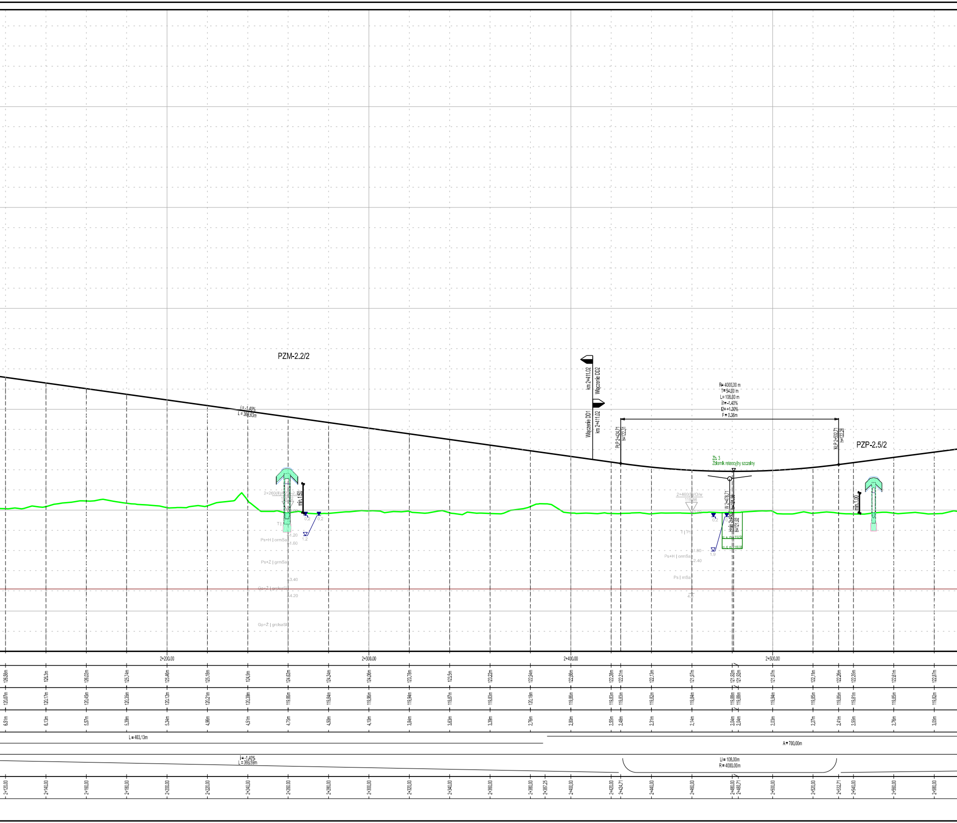
Ł= 437,50m
R= -12500,00m

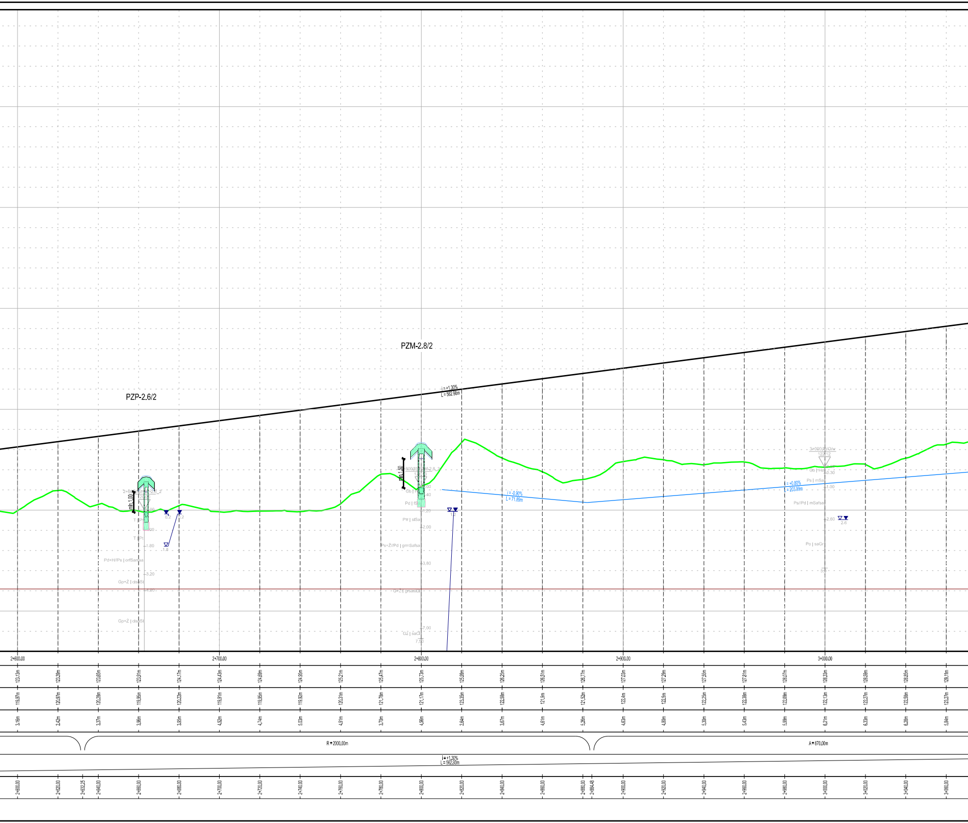
i = -0,90%
L = 403,36m

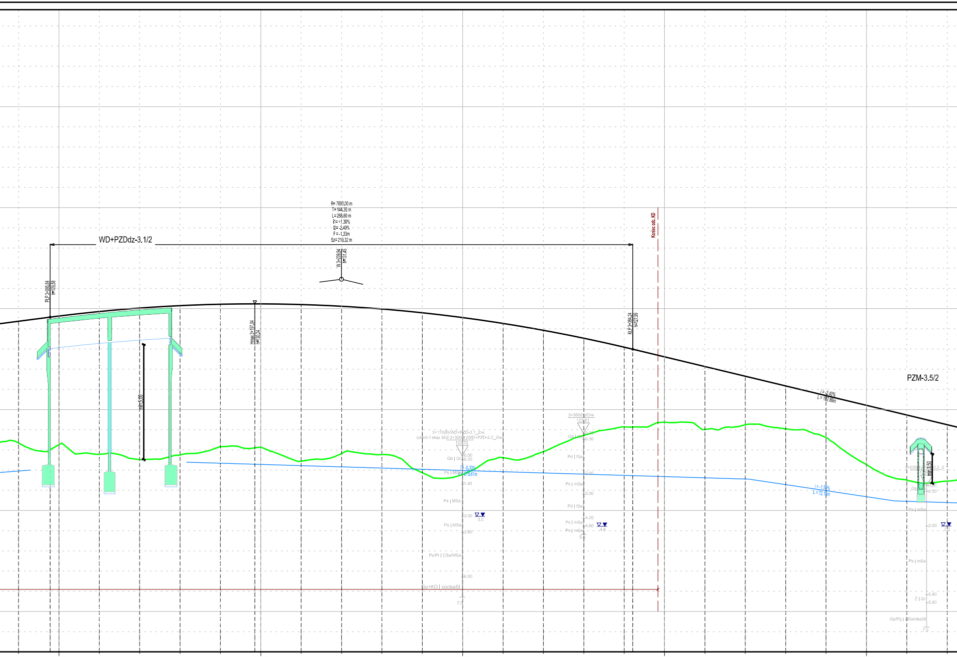

R= 8000,00 m
T= 72,00 m
L= 144,00 m
i1= -0,90%
i2= +0,90%
F = 0,32m
PłP 1+131,78
h=122,32
KłP 1+275,78
h=122,32
PZP-1.2/2
Włączenie DD13
km 1+268.99
km 1+330.65
Włączenie DD14
PZM-1.5/2
min.1,00
Hmin 1+203.78
W 1+203.78
h=121,68
h=122,00
Zb. 2
Zbiornik retencyjny szczelny
rz. w. zb. - 119,30
rz. d. zb. - 118,80
1+150(II)/O/w
119.43
0.00
0.2
0.2
T | Pt
-2.50
Nm//PH | Ororsa
-3.50
3.5
PsH | ormSa
-4.50
Ps//Pp | mSasagr
-6.20
1+350(II)/O/w
119.84
0.00
Gb | Hu
-0.40
Ps | mSa
-1.00
1.0
Pd | fSa
4.0
min.1,50
1+540(II)/PZM-1.5_2
120.16
0.00
-0.40
Pd | fSa
-1.10
1.1
Ps | mSa
-3.60
Po | saGr
-4.00
Pd | fSa
-5.80
Ps | mSa
7.7
1+100.00
1+200.00
1+300.00
1+400.00
1+500.00
A= -500,00m
A= 300,00m
L= 144,00m
R= 8000,00m

1+020,00	123,33m	119,5m	3,83m
1+040,00	123,15m	119,39m	3,76m
1+060,00	122,97m	119,46m	3,51m
1+080,00	122,79m	119,39m	3,40m
1+100,00	122,61m	119,39m	3,22m
1+120,00	122,43m	119,45m	2,98m
1+131,78	122,32m	119,44m	2,88m
1+140,00	122,25m	119,4m	2,86m
1+160,00	122,12m	119,41m	2,71m
1+180,00	122,04m	119,89m	2,15m
1+200,00	122m	120,19m	1,81m
1+203,78	122m	120,07m	1,93m
1+204,58			
1+220,00	122,02m	119,58m	2,44m
1+240,00	122,08m	120,37m	1,72m
1+260,00	122,2m	121,96m	0,24m
1+275,78	122,32m	122,78m	-0,46m
1+280,00	122,36m	122,86m	-0,50m
1+300,00	122,54m	122,22m	0,32m
1+320,00	122,72m	121,48m	1,24m
1+340,00	122,9m	120,31m	2,60m
1+360,00	123,08m	120,6m	2,48m
1+380,00	123,26m	121,47m	1,79m
1+384,58			
1+400,00	123,44m	120,84m	2,60m
1+420,00	123,62m	120,82m	2,80m
1+440,00	123,8m	121,32m	2,48m
1+460,00	123,98m	121,2m	2,79m
1+480,00	124,16m	120,52m	3,65m
1+500,00	124,34m	120,43m	3,91m
1+520,00	124,52m	120,4m	4,13m
1+540,00	124,7m	120,17m	4,54m
1+560,00	124,88m	120,64m	4,24m


WD+PZDdz-2.0/2
R= 7000,00 m
T= 80,50 m
L= 161,00 m
i1= +0,90%
i2= -1,40%
F = -0,46m
Sz= 214,56 m
W 1+974,62
h=128,61
PZP-1.8/2
PLP 1+894,12
h=127,89
KŁP 2+055,12
h=127,49
Hmax 1+957,12
h=128,17
PZP-1.7/2
i = +0,90%
L = 618,36m
min.1,00
min. 5,00
705(II)/PZP-1.7_2
119,62
0,00
0,2
0,2
-1,00
Nm//Ps | Orms̄a
-2,40
2,4
Ps//Po+H | ormSasagr
-4,00
Po | saGr
-5,50
Gp+Ż | grclsaSi
882(II)/PZP-1.8_2
119,56
0,00
0,2
T//Ps | Ptmsa
-1,00
-1,50
1,5
Ps+H//Po | ormSasagr
-3,20
Pd//Ps | fSamsa
-5,00
-5,40
Po | saGr
Gp+Ż | grclsaSi
Kanalizacja deszczowa - odc. ok. 2960 m
2+040(II)/WD+PZDdz-2.0_2
119,54
0,00
0,3
0,3
T | Pt
-1,00
1,0
Ps+H | ormSa
-2,50
Ps//Po | mSasagr
-4,20
Gp+Ż//Po | grclsaSisagr
6,0
1+600,00
1+700,00
1+800,00
1+900,00
2+000,00
2+100,00
125,06m
125,24m
125,42m
125,6m
125,78m
125,96m
126,14m
126,32m
126,5m
126,68m
126,86m
127,04m
127,22m
127,4m
127,58m
127,76m
127,89m
127,94m
128,07m
128,15m
128,17m
128,17m
128,14m
128,04m
127,89m
127,68m
127,49m
127,42m
127,14m
126,86m
120,45m
120,81m
121,44m
120,92m
120,96m
120,79m
119,54m
119,58m
119,52m
119,53m
119,51m
119,54m
119,55m
119,56m
119,58m
119,53m
119,54m
119,47m
119,54m
119,49m
119,51m
119,49m
119,49m
119,52m
119,57m
119,52m
119,49m
119,61m
119,61m
119,92m
4,61m
4,44m
3,98m
4,69m
4,83m
5,17m
6,60m
6,74m
6,99m
7,15m
7,35m
7,50m
7,68m
7,84m
8,00m
8,24m
8,35m
8,47m
8,54m
8,67m
8,66m
8,68m
8,65m
8,52m
8,32m
8,17m
8,00m
7,80m
7,53m
6,93m
R = 500,00m
A = 300,00m
i = +0,90%
L = 618,34m
Ll = 161,00m
R = -7000,00m
1+580,00
1+600,00
1+620,00
1+640,00
1+660,00
1+680,00
1+700,00
1+720,00
1+740,00
1+760,00
1+780,00
1+800,00
1+804,12
1+820,00
1+840,00
1+860,00
1+880,00
1+894,12
1+900,00
1+920,00
1+940,00
1+957,12
1+960,00
1+980,00
1+984,12
2+000,00
2+020,00
2+040,00
2+055,12
2+060,00
2+080,00
2+100,00


PZM-2.2/2
i = -1,40%
L = 369,63m
km 2+411,02
Włączenie DD2
Włączenie DD1
km 2+411,02
R= 4000,00 m
T= 54,00 m
L= 108,00 m
i1= -1,40%
i2= +1,30%
F= 0.36m
PŁP 2+424,71
h=122,31
KŁP 2+532,71
h=122,26
PZP-2.5/2
Zb. 3
Zbiornik retencyjny szczelny
W 2+478,71
h=121,56
Hmin 2+480,71
h=121,92
min.1,50
min.1,00
2+260(II)/PZ -2.2
1,9
0,00
0,2
0,2
1,2
T |
-1.20
Ps+H | ormSa
-1.60
Ps+Ż | grmSa
-3.40
Gp+Ż | grclsaSi
-4.20
Gp+Ż | grclsaSi
2+460(II)/O/w
119,86
0,00
0,2
0,2
1,9
T | Pt
-1.80
Ps+H | ormSa
-2.40
Ps | mSa
4,7
2+200.00
2+300.00
2+400.00
2+500.00
126,58m
126,3m
126,02m
125,74m
125,46m
125,18m
124,9m
124,62m
124,34m
124,06m
123,78m
123,5m
123,22m
122,94m
122,66m
122,38m
122,31m
122,13m
121,97m
121,92m
121,92m
121,97m
122,11m
122,26m
122,35m
122,61m
122,87m
120,07m
120,17m
120,45m
120,35m
120,12m
120,21m
120,39m
119,86m
119,84m
119,96m
119,94m
119,87m
119,83m
120,18m
119,86m
119,83m
119,83m
119,82m
119,84m
119,88m
119,88m
119,94m
119,85m
119,85m
119,81m
119,85m
119,82m
6,51m
6,13m
5,57m
5,39m
5,34m
4,96m
4,51m
4,75m
4,50m
4,10m
3,84m
3,63m
3,39m
2,76m
2,80m
2,55m
2,48m
2,31m
2,14m
2,04m
2,04m
2,03m
2,27m
2,41m
2,55m
2,76m
3,05m
L = 403,13m
A = 700,00m
i = -1,40%
L = 369,59m
Ł = 108,00m
R = 4000,00m
2+120,00
2+140,00
2+160,00
2+180,00
2+200,00
2+220,00
2+240,00
2+260,00
2+280,00
2+300,00
2+320,00
2+340,00
2+360,00
2+380,00
2+387,25
2+400,00
2+420,00
2+424,71
2+440,00
2+460,00
2+480,00
2+480,71
2+500,00
2+520,00
2+532,71
2+540,00
2+560,00
2+580,00


PZM-2.8/2
PZP-2.6/2
i = +1,30%
L = 562,93m
mIn.1,00
2+660(I)/WPZP-2,6_2
120,00
0,00
T | Pt
1,00
1,80
Pd+H//Ps | orfSamsa
3,20
Gp+Ż | clsaSi
4,00
Gp+Ż | clsaSi
0.2
0.2
1.8
min.1,50
2+800(II)/PZM-2,8_2
121,13
0,00
Gb | H
0,40
Pd | fSa
1,20
Pπ | slSa
2,00
Ps+Ż//Pd | grmSafsa
3,80
G+Ż | grsasiCl
7,00
Gz | saCl
7,50
1.2
i = -0,90%
L = 71,89m
3+000(II)/O/w
122,12
0,00
Gb | Hπ
0,30
Ps | mSa
1,00
Ps//Pd | mSafsa
2,60
2.6
Po | saGr
5,0
i = +0,80%
L = 203,99m
2+600,00
2+700,00
2+800,00
2+900,00
3+000,00
123,13m
123,39m
123,65m
123,91m
124,17m
124,43m
124,69m
124,95m
125,21m
125,47m
125,73m
125,99m
126,25m
126,51m
126,77m
127,03m
127,29m
127,55m
127,81m
128,07m
128,33m
128,59m
128,85m
129,11m
119,97m
120,97m
120,28m
119,95m
120,22m
119,91m
119,95m
119,92m
120,31m
121,78m
121,17m
123,35m
122,58m
121,9m
121,52m
122,4m
122,5m
122,25m
122,38m
122,09m
122,13m
122,27m
122,58m
123,27m
3,16m
2,42m
3,37m
3,96m
3,95m
4,52m
4,74m
5,03m
4,91m
3,70m
4,56m
2,64m
3,67m
4,61m
5,26m
4,63m
4,80m
5,30m
5,43m
5,99m
6,21m
6,33m
6,28m
5,84m
R = 2000,00m
A = 670,00m
i = +1,30%
L = 562,93m
2+600,00
2+620,00
2+632,25
2+640,00
2+660,00
2+680,00
2+700,00
2+720,00
2+740,00
2+760,00
2+780,00
2+800,00
2+820,00
2+840,00
2+860,00
2+880,00
2+884,48
2+900,00
2+920,00
2+940,00
2+960,00
2+980,00
3+000,00
3+020,00
3+040,00
3+060,00


R= 7800,00 m
T= 144,30 m
L= 288,60 m
i1= +1,30%
I2= -2,40%
F = -1,33m
Sz= 219,32 m
WD+PZDdz-3.1/2
W 3+239,94
h=131,45
PLP 3+095,64
h=129,58
Hmax 3+197,04
h=130,24
KLP 3+384,24
h=127,99
Koniec odc. KD
PZM-3.5/2
i = -2,40%
L = 192,86m
min.5,00
3+170(II)/WD+PZD-3.1_2/w
(otwór I etap SGI 3+300(II)/WD+PZD-3.2_2/w
122,70
0,00
Gb | Or
0,20
i = -0,30%
L= 278,61m
Ps | MSa
1,40
Ps | MSa
3,00
3,0
Ps | MSa
3,80
Ps/Pr | CSa/MSa
6,00
Gp+KO | coclsaSI
7,0
3+360(II)/O/w
123,81
0,00
Gb | Hu
0,30
Pd | fSa
2,00
Ps | mSa
3,00
Pd | fSa
4,20
Ps | mSa
4,60
Ps | mSa
4,6
5,0
i = -1,50%
L = 72,19m
3+530(II)/PZM-3.5_2
min.1,50
0,00
Gb
0,30
Ps | mSa
2,00
2,0
Ps | mSa
5,40
Ż | Gr
5,80
Gp/Pg | dSa/clsaSI
7,0
3+100,00
3+200,00
3+300,00
3+400,00
3+500,00

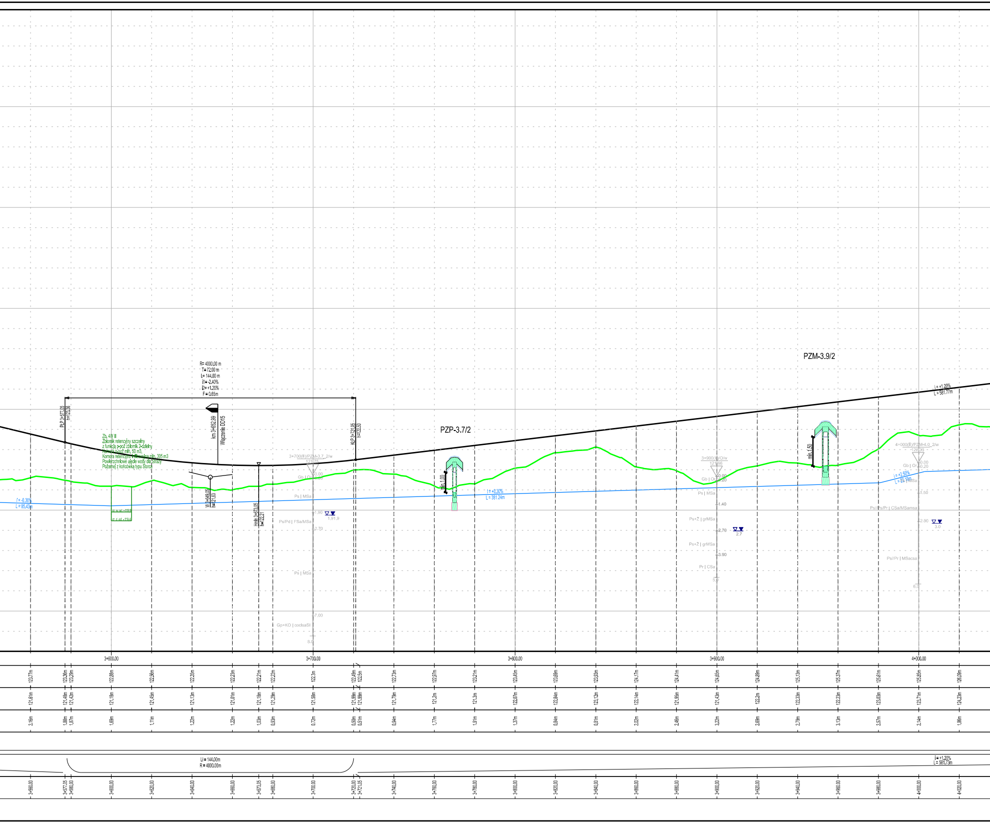
3+080,00	129,37m	123,34m	6,03m
3+095,64	129,58m	123,01m	6,57m
3+100,00	129,63m	123,26m	6,38m
3+108,93			
3+120,00	129,86m	122,78m	7,07m
3+140,00	130,03m	122,52m	7,51m
3+160,00	130,15m	122,75m	7,40m
3+180,00	130,22m	123,15m	7,06m
3+197,04	130,24m	123,1m	7,13m
3+200,00	130,24m	123,14m	7,09m
3+202,94			
3+220,00	130,2m	122,44m	7,76m
3+240,00	130,12m	122,82m	7,30m
3+260,00	129,98m	122,77m	7,21m
3+280,00	129,79m	121,88m	7,92m
3+300,00	129,56m	121,78m	7,77m
3+320,00	129,27m	122,62m	6,65m
3+340,00	128,93m	122,93m	6,01m
3+360,00	128,53m	123,72m	4,81m
3+380,00	128,09m	124,14m	3,95m
3+384,24	127,99m	124,13m	3,86m
3+400,00	127,61m	124,38m	3,24m
3+420,00	127,13m	124,02m	3,11m
3+440,00	126,65m	124,24m	2,41m
3+444,36			
3+460,00	126,17m	124,05m	2,13m
3+480,00	125,69m	123,61m	2,08m
3+500,00	125,21m	122,28m	2,93m
3+520,00	124,73m	121,51m	3,23m
3+540,00	124,25m	121,45m	2,80m

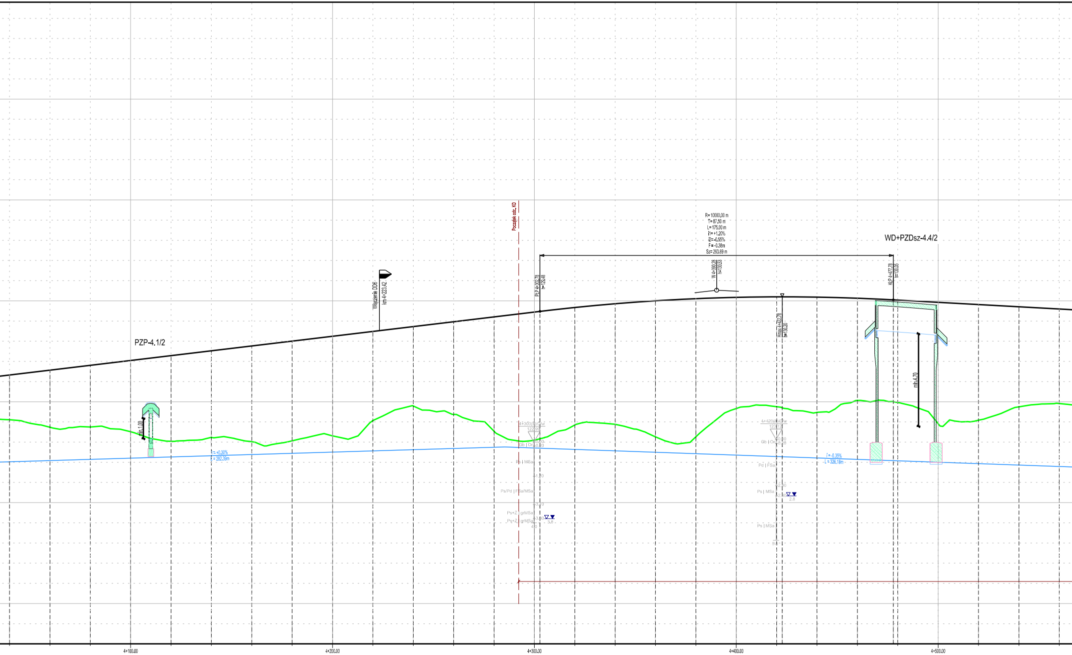
L = 94,00m

A = -650,00m

Ll = 288,60m
R = -7800,00m

i = -2,40%
L = 192,81m


PZM-3.9/2
PZP-3.7/2
R= 4000,00 m
T= 72,00 m
L= 144,00 m
i1= -2,40%
i2= +1,20%
F= 0,65m
PłP 3+577,05
h=123,36
km 3+652,99
Włączenie DD15
KłP 3+721,05
h=122,50
Zb. 4W II
Zbiornik retencyjny szczelny
z funkcją p-poż zbiornik 2-dzielny
Komora p-poż min. 50 m3,
Komora retencyjno infiltracyjna min. 305 m3
Powierzchniowe ujęcie wody dla Straży
Pożarnej z końcówką typu Storca
rz. w. od. -119,9
rz. d. od. -119,4
W 3+649,05
h=121,63
Hmh 3+673,05
h=122,21
3+700(II)/PZM-3.7_2/w
121,75
Gb | Or
0.00
0.20
Ps | MSa
1.90
1.91.9
Ps/Pd | FSa/MSa
2.70
Ps | MSa
7.00
Gp+KO | coclsaSI
8.0
min. 1,00
i = -0,30%
L = 85,43m
i = +0,30%
L = 381,24m
3+900(II)/O/w
121,66
Gb | Or
0.00
0.20
Ps | MSa
1.40
Ps+Ż | grMSa
2.70
2.7
Ps+Ż | grMSa
3.90
Pr | CSa
5.0
min. 1,50
4+000(II)/PZM-4.0_2/w
122,38
Gb | Or
0.00
0.20
i = +2,50%
L = 22,19m
MSa
1.50
Ps//Ps/Pr | CSa/MSamsa
2.90
3.0
Ps//Pr | MSacsa
6.0
i = +1,20%
L = 581,77m
3+600.00
3+700.00
3+800.00
3+900.00
4+000.00
123,77m
123,36m
123,29m
122,88m
122,56m
122,35m
122,23m
122,21m
122,22m
122,3m
122,49m
122,5m
122,73m
122,97m
123,21m
123,45m
123,69m
123,93m
124,17m
124,41m
124,65m
124,89m
125,13m
125,37m
125,61m
125,85m
126,09m
121,61m
121,48m
121,42m
121,18m
121,45m
121,13m
121,01m
121,18m
121,29m
121,58m
121,99m
121,99m
121,79m
121,2m
121,3m
122,07m
122,84m
123,12m
122,14m
121,95m
121,43m
122,2m
122,33m
122,23m
123,03m
123,71m
124,23m
2,16m
1,88m
1,87m
1,69m
1,11m
1,22m
1,22m
1,03m
0,93m
0,72m
0,50m
0,51m
0,94m
1,77m
1,91m
1,37m
0,84m
0,81m
2,02m
2,46m
3,22m
2,69m
2,79m
3,13m
2,57m
2,14m
1,86m
Ll = 144,00m
R = 4000,00m
i = +1,20%
L = 581,73m
3+560,00
3+577,05
3+580,00
3+600,00
3+620,00
3+640,00
3+660,00
3+673,05
3+680,00
3+700,00
3+720,00
3+721,05
3+740,00
3+760,00
3+780,00
3+800,00
3+820,00
3+840,00
3+860,00
3+880,00
3+900,00
3+920,00
3+940,00
3+960,00
3+980,00
4+000,00
4+020,00



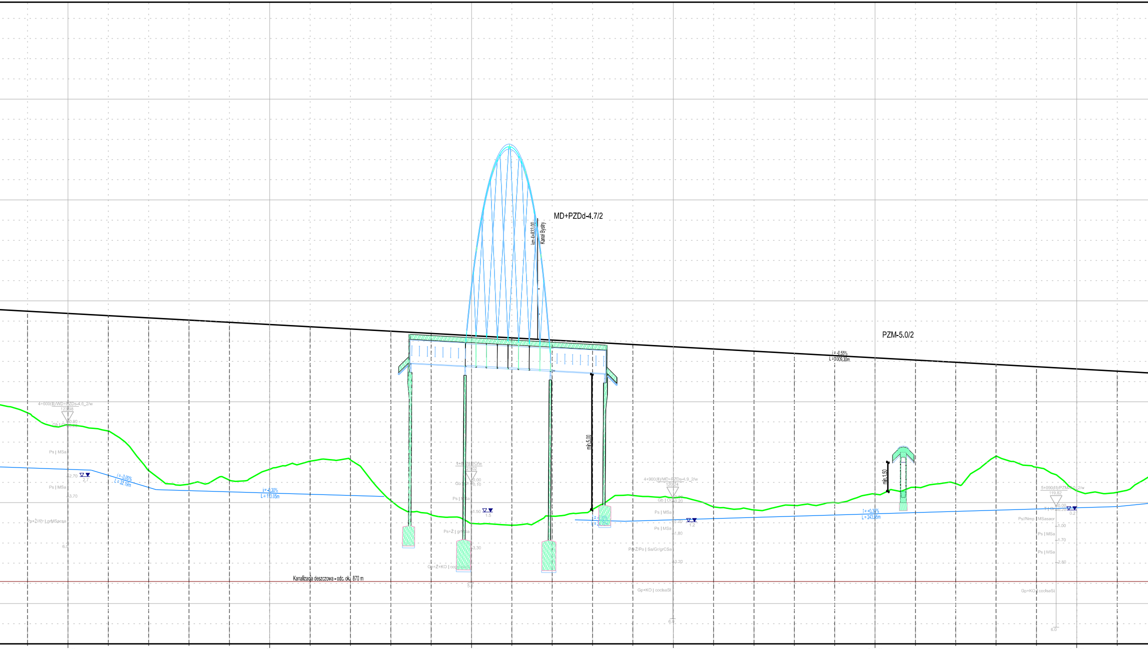
PZP-4.1/2
Włączenie DD6
km 4+223,42
Początek odc. KD
R= 10000,00 m
T= 87,50 m
L= 175,00 m
i1= +1,20%
i2= -0,55%
F= -0,38m
Sz= 263,69 m
WD+PZDsz-4.4/2
PŁP 4+302,78
h=129,48
W 4+390,28
h=130,53
KŁP 4+477,78
h=130,05
Hmax 4+422,78
h=130,20
min.1,00
min.4,70
i = +0,30%
L = 282,36m
i = -0,35%
L = 326,18m
4+300(II)/C/w
122,99
0,00
Gb | Or
0,20
Ps | MSa
1,70
Ps/Pd | FSa/MSa
3,70
Ps+Ż | grMSa
3,80
3,8
Ps+Ż | grMSa
4,0
4+420(III)/C/w
123,12
0,00
Gb | Or
0,20
Pd | FSa
2,90
Ps | MSa
2,80
2,8
Ps | MSa
5,0
4+100,00
4+200,00
4+300,00
4+400,00
4+500,00

126,33m	126,57m	126,81m	127,05m	127,29m	127,53m	127,77m	128,01m	128,25m	128,49m	128,73m	128,97m	129,21m	129,45m
124,11m	123,74m	123,75m	123,51m	123,04m	123,23m	123,02m	123,07m	123,31m	124,07m	124,79m	124,37m	123,54m	123,1m
2,22m	2,83m	3,05m	3,54m	4,25m	4,29m	4,75m	4,94m	4,94m	4,41m	3,93m	4,59m	5,67m	6,35m
4+040,00	4+060,00	4+080,00	4+100,00	4+120,00	4+140,00	4+160,00	4+180,00	4+200,00	4+220,00	4+240,00	4+260,00	4+280,00	4+300,00

129,48m	129,67m	129,86m	130m	130,11m	130,17m	130,2m	130,2m	130,18m	130,13m	130,05m	130,04m	129,93m	129,82m	129,71m	129,6m
123,17m	123,84m	123,88m	123,28m	123,28m	124,67m	124,75m	124,7m	124,47m	125,06m	125m	124,96m	123,91m	124,08m	124,75m	124,91m
6,31m	5,83m	5,98m	6,75m	6,85m	5,51m	5,45m	5,50m	5,71m	5,07m	5,05m	5,08m	6,01m	5,73m	4,96m	4,69m
4+302,78	4+320,00	4+340,00	4+360,00	4+380,00	4+400,00	4+420,00	4+422,78	4+440,00	4+460,00	4+477,78	4+480,00	4+500,00	4+520,00	4+540,00	4+560,00

R = 1750,00m

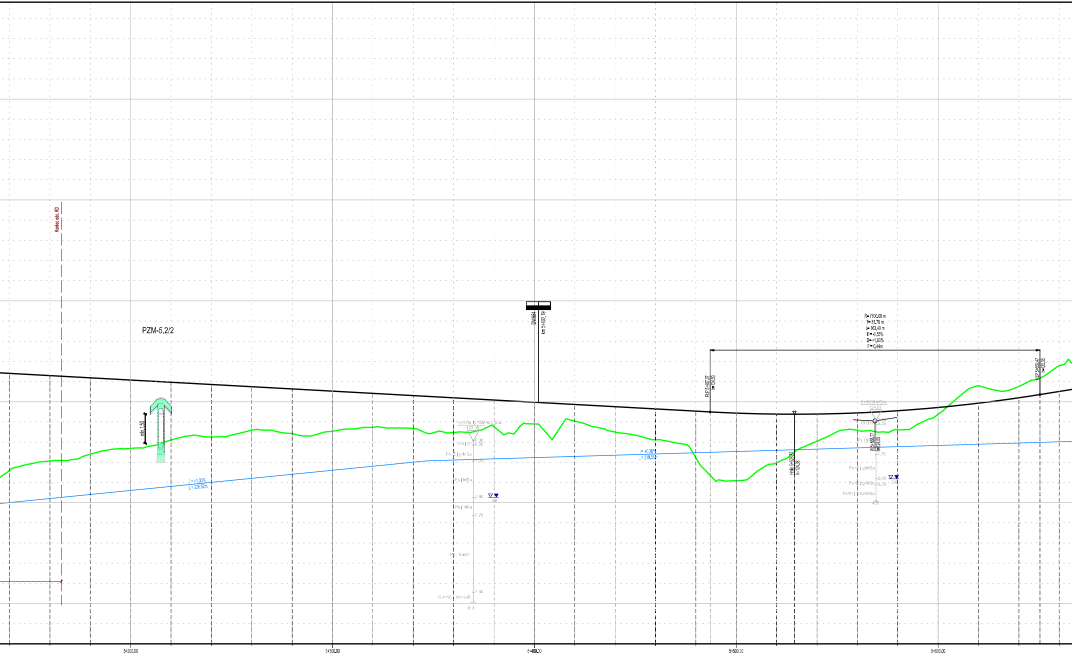
Ł= 175,00m
R = -10000,00m


MD+PZDd-4.7/2
km 4+833,00
Kanał Bystry
PZM-5.0/2
i = -0,55%
L = 1009,30m.
min.5,00
min.1,50
4+600(II)/WD+PZDs-4.6_2/w
123,98
-0,90
Gb | Or
Ps | MSa
2,70
2.7
Ps | MSa
3,70
Ps+Ż//Pr | grMSacsa
6.0
i = -3,00%
L = 32,19m
i = -0,30%
L = 113,05m
4+800(II)/TO/w
121,02
0,00
Gb | Or
0,10
Ps | MSa
1,50
1.5
Ps+Ż | grMSa
3,30
Gp+Ż+KO | cocIsaSi
5.0
Kanalizacja deszczowa - odc. ok. 870 m
4+900(II)/MD+PZDs-4.9_2/w
120,24
0,00
Gb | Or
0,20
Ps | MSa
1,20
1.2
Ps | MSa
1,80
Pr+Ż/Po | Sa/Gr/grCSa
3,20
Gp+KO | cocIsaSi
6.0
i = +0,30%
L = 243,95m
5+090(II)/PZM-5.0_2/w
119,82
0,00
T | Or
0,20
0.2
Ps//Nmp | MSasaor
1,00
Ps | MSa
1,70
Ps | MSa
2,80
Gp+KO | cocIsaSi
6.0
4+600.00
4+700.00
4+800.00
4+900.00
5+000.00
5+100.00

129,49m	129,38m	129,27m	129,16m	129,05m	128,94m	128,83m	128,72m	128,61m	128,5m	128,39m	128,28m	128,17m		128,06m	127,95m	127,84m	127,73m	127,62m	127,51m	127,4m	127,29m	127,18m	127,07m		126,96m	126,85m	126,74m	126,63m	126,52m
124,45m	123,85m	123,55m	121,59m	120,92m	121,11m	121,65m	122,05m	122,12m	120,1m	119,4m	118,97m	118,88m		119,33m	119,66m	120,36m	120,24m	119,79m	119,64m	119,86m	120m	120,42m	120,76m		120,94m	122,3m	121,75m	120,58m	120,51m
5,04m	5,52m	5,72m	7,56m	8,13m	7,82m	7,17m	6,66m	6,49m	8,40m	8,99m	9,30m	9,29m		8,72m	8,28m	7,48m	7,48m	7,83m	7,86m	7,53m	7,29m	6,75m	6,30m		6,01m	4,54m	4,98m	6,04m	6,00m
4+580,00	4+600,00	4+620,00	4+640,00	4+660,00	4+680,00	4+700,00	4+720,00	4+740,00	4+760,00	4+780,00	4+800,00	4+820,00	4+823,58	4+840,00	4+860,00	4+880,00	4+900,00	4+920,00	4+940,00	4+960,00	4+980,00	5+000,00	5+020,00	5+029,29	5+040,00	5+060,00	5+080,00	5+100,00	5+120,00

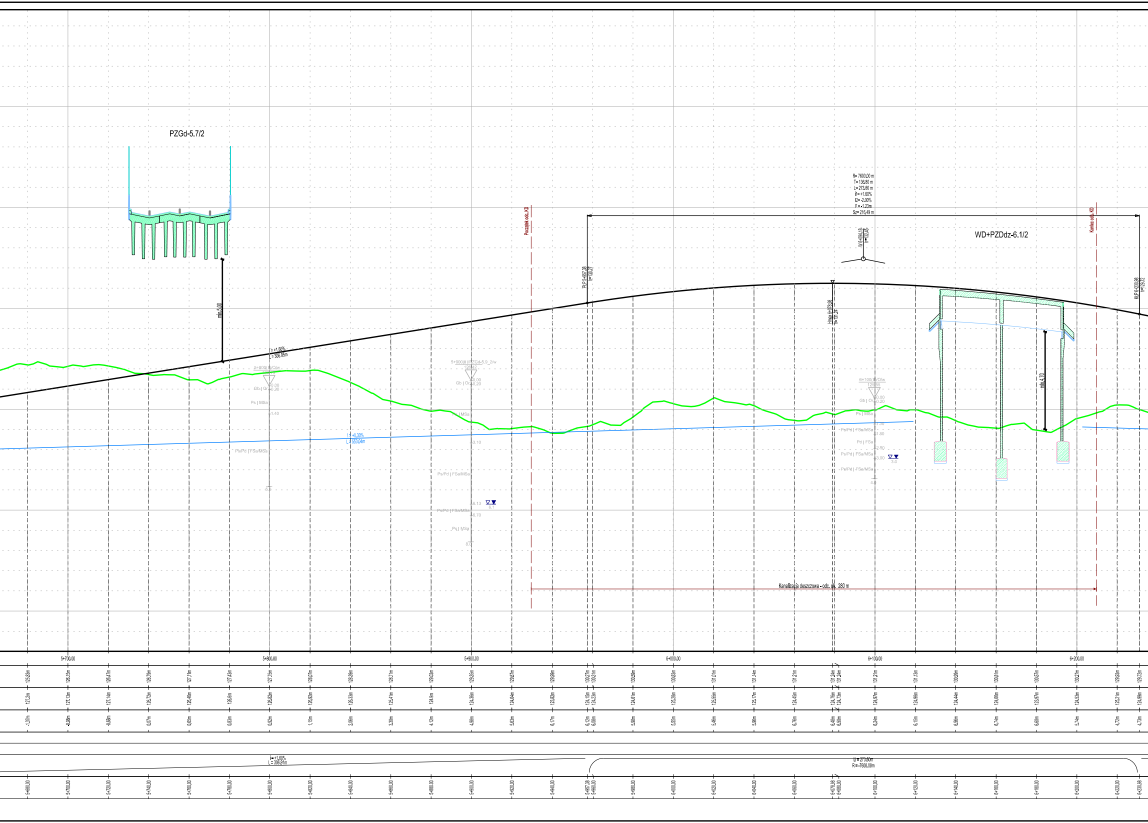
A= -600,00m

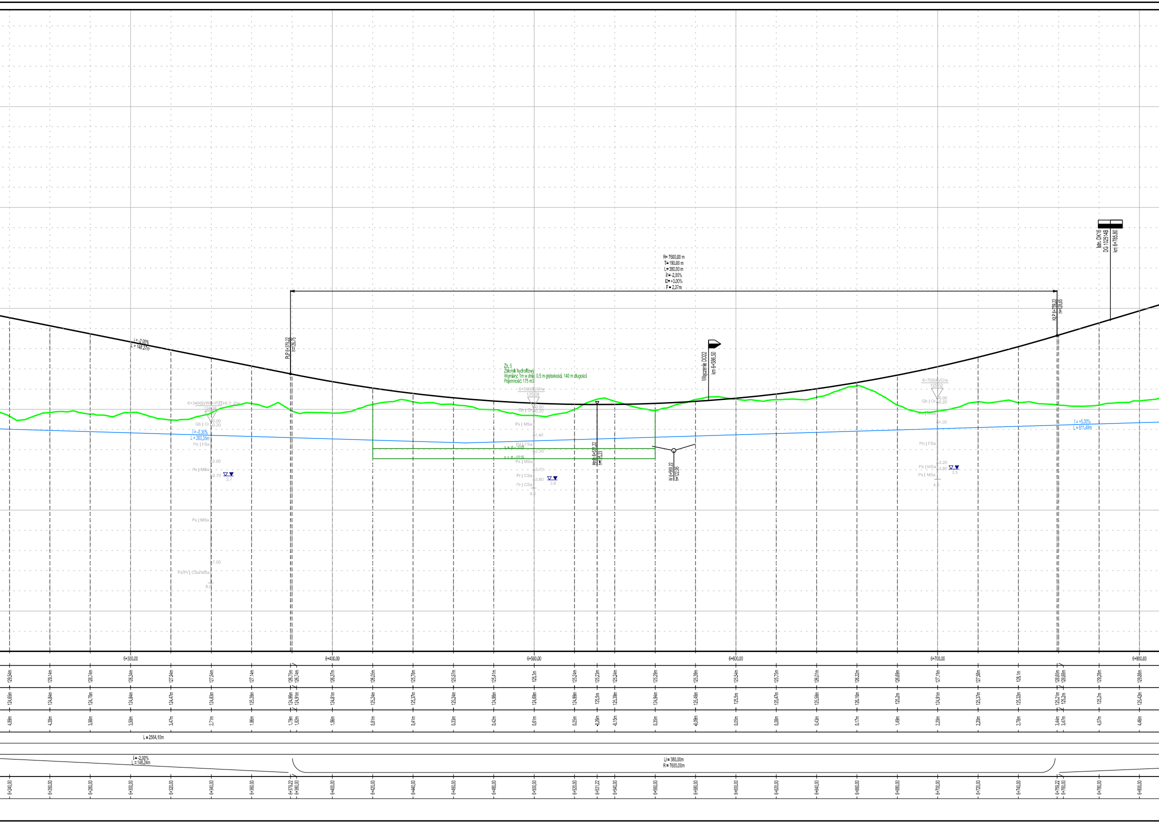
i = -0,55%
L = 1009,29m

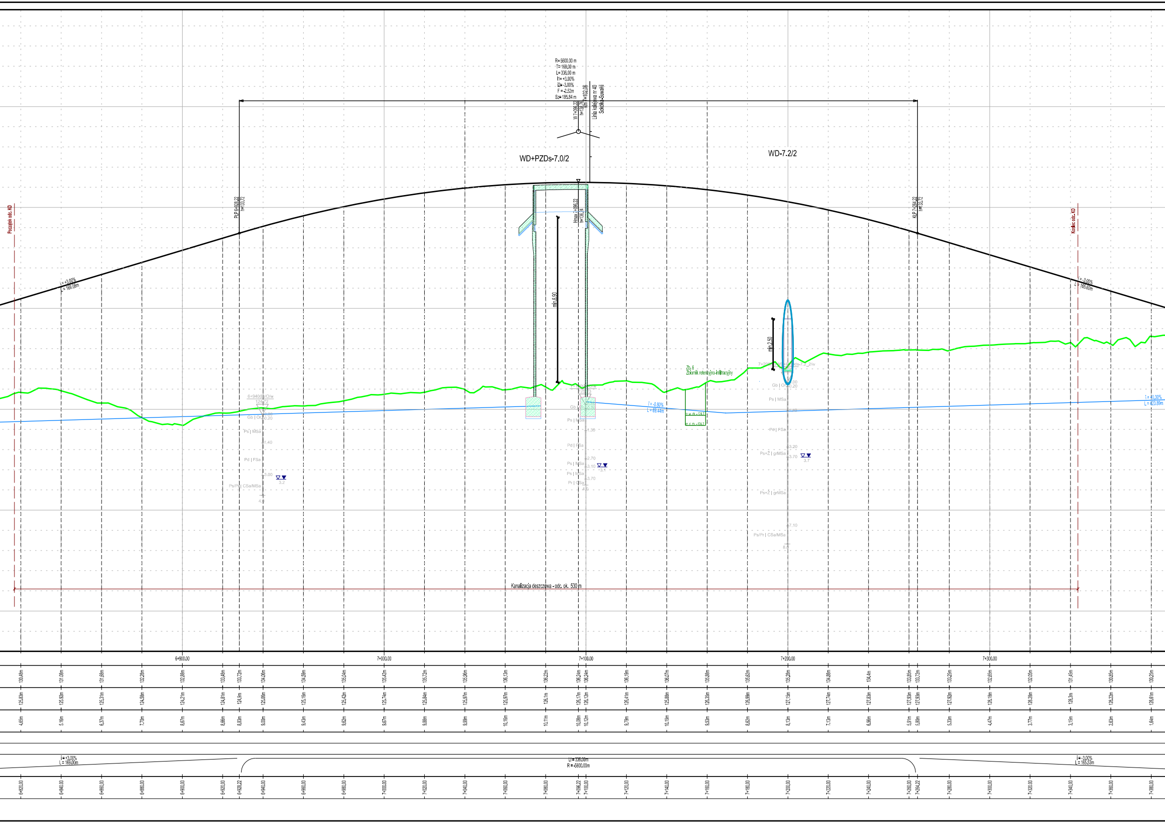

Koniec odc. KD
PZM-5.2/2
mh.1,50
DW664
km 5+402,19
R= 7600,00 m
T= 81,70 m
L= 163,40 m
I1= -0,55%
I2= +1,60%
F = 0,44m
PłP 5+487,07
h=124,50
KłP 5+650,47
h=125,35
Hmin 5+528,87
h=124,38
W5+568,77
h=124,05
i = +1,00%
L = 226,52m
i = +0,30%
L = 219,56m
5+370(II)/PZM-5.3_2/w
123.05
0.00
0.20
Gb | Or
Ps+Z | grMSa
1.30
Ps | MSa
2.80
2.8
Ps | MSa
3.70
Pp | Sa/Gr
7.50
Gp+KO | coclsaSI
8.0
5+560(II)/O/w
124.07
0.00
0.20
Gb | Or
Ps | M
1.70
Ps+Z | grMSa
2.90
2.8
Ps+Z | grMSa
3.20
Ps/Pr | CSa/MSa
4.0
5+200.00
5+300.00
5+400.00
5+500.00
5+600.00

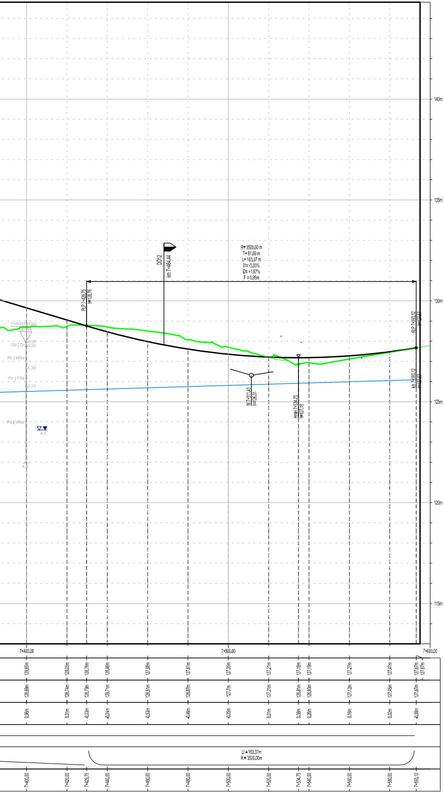
126,41m	121,59m	4,82m	5+140.00
126,3m	122,08m	4,23m	5+160.00
126,19m	122,4m	3,79m	5+180.00
126,08m	122,69m	3,39m	5+200.00
125,97m	123,1m	2,87m	5+220.00
125,86m	123,25m	2,60m	5+240.00
125,75m	123,59m	2,16m	5+260.00
125,64m	123,42m	2,22m	5+280.00
125,53m	123,54m	1,99m	5+300.00
125,42m	123,73m	1,69m	5+320.00
125,31m	123,67m	1,63m	5+340.00
125,2m	123,48m	1,72m	5+360.00
125,09m	123,76m	1,33m	5+380.00
124,98m	123,9m	1,07m	5+400.00
124,87m	124,04m	0,82m	5+420.00
124,76m	123,5m	1,26m	5+440.00
124,65m	123,11m	1,53m	5+460.00
124,54m	122,23m	2,31m	5+480.00
124,5m	121,35m	3,15m	5+487.07
124,44m	121,09m	3,35m	5+500.00
124,39m	121,97m	2,42m	5+520.00
124,38m	122,51m	1,87m	5+528.87
124,39m	123,05m	1,34m	5+540.00
124,45m	123,58m	0,86m	5+560.00
124,55m	123,61m	0,94m	5+580.00
124,71m	124,37m	0,34m	5+600.00
124,93m	125,8m	-0,87m	5+620.00
125,19m	125,75m	-0,56m	5+640.00
125,35m	126,16m	-0,81m	5+650.47
125,51m	126,78m	-1,27m	5+660.00

Ll = 163,40m
R = 7600,00m


PZGd-5.7/2
min.5,00
i= +1,60%
L= 306,95m
Początek odc. KD
PŁP 5+957,38
h=130,27
R= 7600,00 m
T= 136,80 m
L= 273,60 m
i1= +1,60%
i2= -2,00%
F= -1,23m
Sz= 216,49 m
W 6+094,18
h=132,45
Hmax 6+078,98
h=131,24
WD+PZDdz-6.1/2
min.4,70
Koniec odc. KD
KŁP 6+230,98
h=129,72
5+800/III/O/w
6+100/III/O/w
i= +0,30%
L= 553,04m
Kanalizacja deszczowa - odc. ok. 280 m
5+700,00
5+800,00
5+900,00
6+000,00
6+100,00
6+200,00
i= +1,60%
L= 306,91m
L= 273,60m
R= -7600,00m
6+078,98


R= 7600,00 m
T= 190,00 m
L= 380,00 m
i1= -2,00%
i2= +3,00%
F= 2,37m
Istn. DK16
DG 102514B
km 6+785,80
KLP 6+759,22
h=128,65
PLP 6+379,22
h=126,75
i = -2,00%
L = 148,27m
Włączenie DD22
km 6+586,50
Zb. 5
Zbiornik hydrofitowy
Wymiary: 1m w dnie, 0,5 m głębokości, 140 m długości
Pojemność: 175 m3
6+500(II)/Gb/w
125,08
6+340(II)/WD+PZD-6.3_2/w
124,38
6+700(II)/O/w
125,52
Gb | Or
0,00
0,20
Ps | MSa
Pd | FSa
Pr | CSa
Ps/Pr | CSa/MSa
1,40
2,00
2,20
2,70
2.7
3,10
3,60
3.6
4.0
3,20
3,50
3.5
7,00
8.0
1,20
rz. w. zb. - 123,05
rz. d. zb. - 122,55
Hmin 6+531,22
h=125,23
W 6+569,22
h=122,95
i = -0,30%
L = 263,35m
i = +0,30%
L = 611,40m
6+300,00
6+400,00
6+500,00
6+600,00
6+700,00
6+800,00
129,54m 129,14m 128,74m 128,34m 127,94m 127,54m 127,14m 126,75m 126,74m 126,37m 126,06m 125,78m 125,57m 125,41m 125,3m 125,24m 125,23m 125,24m 125,29m 125,39m 125,54m 125,75m 126,01m 126,32m 126,69m 127,11m 127,58m 128,1m 128,65m 128,68m 129,28m 129,88m
124,65m 124,84m 124,76m 124,84m 124,47m 124,83m 125,28m 124,96m 124,91m 124,81m 125,24m 125,37m 125,24m 124,98m 124,69m 124,99m 125,5m 125,39m 124,94m 125,48m 125,5m 125,47m 125,58m 126,16m 125,2m 124,91m 125,37m 125,33m 125,21m 125,2m 125,2m 125,42m
4,89m 4,30m 3,98m 3,50m 3,47m 2,71m 1,86m 1,79m 1,82m 1,56m 0,81m 0,41m 0,33m 0,42m 0,61m 0,25m -0,26m -0,15m 0,35m -0,09m 0,05m 0,28m 0,43m 0,17m 1,49m 2,20m 2,20m 2,78m 3,44m 3,47m 4,07m 4,46m
L = 2564,10m
i = -2,00%
L = 148,24m
Ł = 380,00m
R = 7600,00m
6+240,00 6+260,00 6+280,00 6+300,00 6+320,00 6+340,00 6+360,00 6+379,22 6+380,00 6+400,00 6+420,00 6+440,00 6+460,00 6+480,00 6+500,00 6+520,00 6+531,22 6+540,00 6+560,00 6+580,00 6+600,00 6+620,00 6+640,00 6+660,00 6+680,00 6+700,00 6+720,00 6+740,00 6+759,22 6+760,00 6+780,00 6+800,00


R= 5600.00 m
T= 168,00 m
L= 336,00 m
I1= +3,00%
i2= -3,00%
F = -2.52m
Sz= 185.84 m
W 7+096,22
h=138,76
km 7+102,06
Linia kolejowa nr 40
Sokółka-Suwałki
WD+PZDs-7.0/2
WD-7.2/2
Początek odc. KD
PoP 6+928,22
h=133,72
Hmax 7+096,22
h=136,24
KoP 7+264,22
h=133,72
Koniec odc. KD
i = +3,00%
L = 169,00m
i = -3,00%
L = 165,53m
min.6,90
min.2,50
6+940(I)/O/w
124,72
Gb | Or
0,00
0,20
Ps | MSa
1,40
Pd | FSa
3,00
3,2
Ps/Pr | CSa/MSa
4,0
125,33
Gb | Or
0,20
Ps | MSa
1,30
Pd | FSa
2,70
Ps | MSa
3,10
3,1
Ps | MSa
3,70
Pr | CSa
4,0
i = -0,80%
L = 69,44m
Zb. 6
Zbiornik retencyjno-infiltracyjny
rz. w. zb. - 124,7
rz. d. zb. - 124,2
7+200(I)/WD+PZDs-7.2_2/w
Gb | Or
0,00
0,20
Ps | MSa
1,40
Pd | FSa
3,20
Ps+Ż | grMSa
3,70
3,7
Ps+Ż | grMSa
7,10
Ps/Pr | CSa/MSa
8,0
i = +0,30%
L = 423,89m
Kanalizacja deszczowa - odc. ok. 530 m
6+900,00
7+000,00
7+100,00
7+200,00
7+300,00
130,48m
131,08m
131,68m
132,28m
132,88m
133,48m
133,72m
134,06m
134,59m
135,04m
135,42m
135,72m
135,96m
136,13m
136,22m
136,24m
136,24m
136,19m
136,07m
135,88m
135,62m
135,28m
134,88m
134,4m
133,85m
133,72m
133,25m
132,65m
132,05m
131,45m
130,85m
130,25m
125,83m
125,92m
125,31m
124,58m
124,21m
124,81m
124,9m
125,06m
125,16m
125,42m
125,74m
125,84m
125,97m
125,97m
126,1m
126,17m
126,12m
126,41m
125,88m
126,35m
126,99m
127,15m
127,74m
127,83m
127,93m
127,93m
127,92m
128,18m
128,28m
128,3m
128,22m
128,61m
4,65m
5,16m
6,37m
7,70m
8,67m
8,66m
8,83m
9,00m
9,43m
9,62m
9,67m
9,88m
9,99m
10,16m
10,11m
10,08m
10,12m
9,79m
10,19m
9,53m
8,62m
8,13m
7,13m
6,56m
5,91m
5,80m
5,33m
4,47m
3,77m
3,15m
2,63m
1,64m
i = +3,00%
L = 169,00m
Lł = 336,00m
R = -5600,00m
i = -3,00%
L = 165,53m
6+820,00
6+840,00
6+860,00
6+880,00
6+900,00
6+920,00
6+928,22
6+940,00
6+960,00
6+980,00
7+000,00
7+020,00
7+040,00
7+060,00
7+080,00
7+096,22
7+100,00
7+120,00
7+140,00
7+160,00
7+180,00
7+200,00
7+220,00
7+240,00
7+260,00
7+264,22
7+280,00
7+300,00
7+320,00
7+340,00
7+360,00
7+380,00


140m
135m
130m
125m
120m
115m
R= 3500.00 m
T= 81.69 m
L= 163.37 m
i1= -3.00%
i2= +1.67%
F = 0.95m
DD12
km 7+464.44
PLP 7+429.75
h=128.76
7+400(I)/O/w
127.94
0.00
Gb | Or
0.20
Ps | MSa
1.30
Pd | FSa
2.20
Ps | MSa
4.3
4.0
W7+511.43
h=126.31
Hmin 7+534.75
h=127.18
KLP 7+593.12
h=127.67
km 7+593.12
h=127.67
7+400.00
7+500.00
7+600.00
129,65m
129,05m
128,76m
128,46m
127,98m
127,61m
127,35m
127,21m
127,18m
127,19m
127,27m
127,47m
127,67m
127,67m
128,69m
128,74m
128,79m
128,71m
128,51m
128,07m
127,7m
127,21m
126,81m
126,93m
127,12m
127,45m
127,67m
0,96m
0,31m
-0,03m
-0,24m
-0,53m
-0,46m
-0,35m
0,01m
0,38m
0,26m
0,16m
0,02m
-0,00m
Ł = 163.37m
R = 3500.00m
7+400.00
7+420.00
7+429.75
7+440.00
7+460.00
7+480.00
7+500.00
7+520.00
7+534.75
7+540.00
7+560.00
7+580.00
7+593.12

Inwestor:

Skarb Państwa
Generalny Dyrektor Dróg Krajowych i Autostrad
reprezentowany przez
Generalną Dyrecję Dróg Krajowych i Autostrad
Oddział w Białymstoku
ul. Zwycięstwa 2,
15-703 Białystok

Jednostka projektowa:

Value Engineering Sp. z o.o.
Aleja Krakowska 22a
02-284 Warszawa

Nazwa inwestycji:

Budowa obwodnicy m. Augustów w ciągu drogi krajowej nr 16
Opracowanie Studium Techniczno-Ekonomiczno-Środowiskowego z elementami Koncepcji Programowej wraz z analizą i prognozą ruchu, materiałami do wniosku o wydanie decyzji środowiskowej oraz dokumentacją geologiczno-inżynierską w ramach zadania „Budowa obwodnicy m. Augustów w ciągu drogi krajowej nr 16"

Etap: **STEŚ-R etap II**

Tom: **1.2 - Część ogólna - Część rysunkowa**

Tytuł rysunku: **Profil podłużny**

Funkcja:	Imię i nazwisko:	Nr uprawnień / Specjalność:	Podpis:
Projektant	mgr inż. Paweł Gębski	POM/0193/PBD/23 - drogi	
Opracowanie	Łukasz Mielczarek		
Sprawdzający	mgr inż. Grzegorz Hołyś	MAZ/0348/PWOD/08 - drogi	

Data: 02.2026 | Skala: 1:100/1000 | Rewizja: P00 | Numer rysunku i arkusza: **4-00**

Kod rysunku: DK16A_199_Profil_STES-II-1-2-Rys4-00