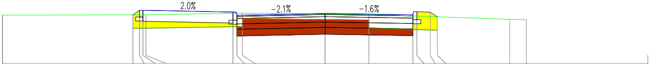
P.O. 67.90

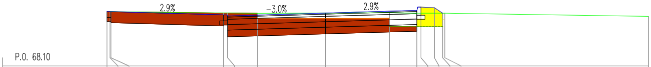


P.

		69.71	69.87	69.87		69.81	69.69		69.76		69.70	69.82	69.80	69.63			
	69.70	69.71	69.71	69.71	69.71	69.76	69.76	69.77	69.73	69.72	69.66	69.66	69.64	69.63	69.54	69.53	
	−12.00	−7.15	−6.90	−6.78	−6.66	−3.43	−3.28	−3.08	0.00	1.63	3.26	3.41	3.91	4.17	6.87	7.48	12.00

33
km 807.55
W=3.81 N=1.29 H=5.58 Pn=1.12 Pw=0.00

P.O. 68.10

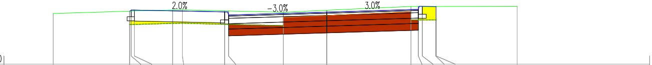


P.O. 67.80

		70.10		70.10	69.98	69.94		70.05		70.15	70.27	70.25	70.05		
			70.10	70.10	70.05	70.05	70.04	70.05	70.06	70.05	70.05	70.05	70.05	70.05	69.93
	−12.00	−8.12	−8.01	−7.97	−3.79	−3.64	−2.53	0.00	2.38	3.40	3.55	4.05	4.35	4.44	12.00

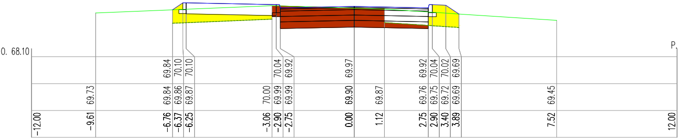
32
km 789.37
W=5.35 N=0.53 H=1.30 Pn=0.83 Pw=0.00

P.O. 68.20

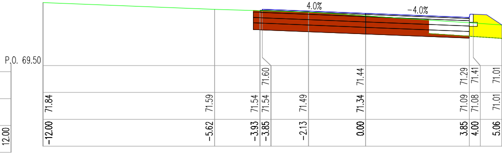


RZĘDNE PROJEKTOWANE			70.17	70.21	70.21			70.14	70.02		70.13		70.24	70.36	70.34	70.35		
RZĘDNE ISTNIEJĄCE		70.08	70.17	70.17	70.18	70.22	70.22	70.18	70.18	70.13	70.21	70.34	70.34	70.34	70.35	70.35	70.36	
ODSUNIĘCIE	−12.00	−10.17	−7.33	−7.27	−7.15	−5.73	−5.37	−3.80	−3.65	−1.62	0.00	3.13	3.40	3.55	4.05	4.07	7.07	12.00

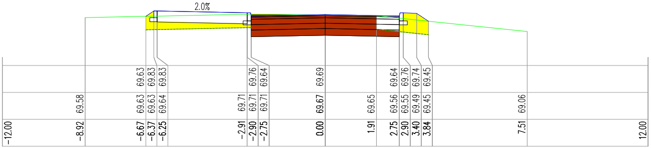
31
km 769.09
W=3.24 N=0.63 H=4.81 Pn=0.55 Pw=0.00


0. 68.10
69.84 70.10 70.10 70.04 69.92 69.97 69.92 70.04 70.02 69.69
69.73 69.84 69.86 69.87 70.00 69.99 69.99 69.90 69.87 69.76 69.75 69.72 69.69 69.45
-12.00 -9.61 -6.76 -6.37 -6.25 -3.06 -2.90 -2.75 0.00 1.12 2.75 2.90 3.40 3.89 7.52 12.00

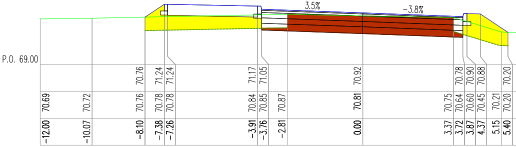
36
km 852.90
W=3.28 N=1.74 H=6.48 Pn=1.56 Pw=0.00


P.O. 69.50
4.0%
-4.0%
71.60 71.44 71.29 71.41 71.01
71.84 71.59 71.54 71.54 71.49 71.34 71.09 71.08 71.01
-12.00 -5.62 -3.93 -3.85 -2.13 0.00 3.85 4.00 5.06

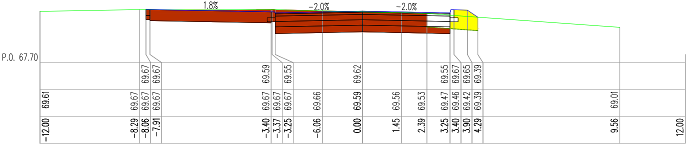
39
km 896.54
W=3.73 N=0.77 H=1.58 Pn=1.12 Pw=0.00


2.0%
69.63 69.83 69.83 69.76 69.64 69.69 69.64 69.76 69.74 69.45
69.58 69.63 69.63 69.64 69.71 69.71 69.71 69.67 69.65 69.56 69.55 69.49 69.45 69.06
-12.00 -8.92 -6.67 -6.37 -6.25 -2.91 -2.90 -2.75 0.00 1.91 2.75 2.90 3.40 3.84 7.51 12.00

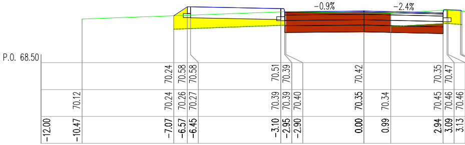
35
km 839.52
W=3.81 N=1.57 H=5.86 Pn=1.39 Pw=0.00


P.O. 69.00
3.5%
-3.8%
70.76 71.24 71.24 71.17 71.05 70.92 70.78 70.90 70.88 70.20
70.69 70.72 70.76 70.78 70.78 70.84 70.85 70.87 70.81 70.75 70.64 70.60 70.45 70.21 70.20
-12.00 -10.07 -8.10 -7.38 -7.26 -3.91 -3.76 -2.81 0.00 3.37 3.72 3.87 4.37 5.15 5.40

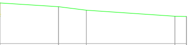
38
km 881.18
W=2.73 N=2.61 H=7.24 Pn=1.84 Pw=0.00


P.O. 67.70
1.8%
-2.0%
-2.0%
69.67 69.67 69.59 69.55 69.62 69.55 69.67 69.65 69.39
69.61 69.67 69.67 69.67 69.67 69.67 69.67 69.66 69.59 69.56 69.53 69.47 69.46 69.42 69.39 69.01
-12.00 -8.29 -8.06 -7.91 -3.40 -3.37 -3.25 -6.06 0.00 1.45 2.39 3.25 3.40 3.90 4.29 9.56 12.00

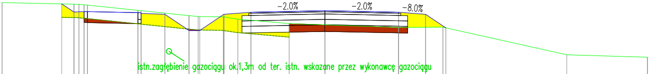
34
km 819.37
W=6.40 N=0.57 H=1.35 Pn=0.91 Pw=0.00


P.O. 68.50
-0.9%
-2.4%
70.24 70.58 70.58 70.51 70.39 70.42 70.35 70.47
70.12 70.24 70.26 70.27 70.39 70.39 70.40 70.35 70.34 70.45 70.46 70.46
-12.00 -10.47 -7.07 -6.57 -6.45 -3.10 -2.95 -2.90 0.00 0.99 2.94 3.09 3.13

37
km 866.58
W=3.23 N=1.62 H=7.93 Pn=1.13 Pw=0.00



	70.87	70.74	70.51	70.50
	7.24	8.28	11.57	12.00



−2.0%
−2.0%
−8.0%
istn.zagłębienie gazociągu ok.1,3m od ter. istn. wskazane przez wykonawcę gazociągu

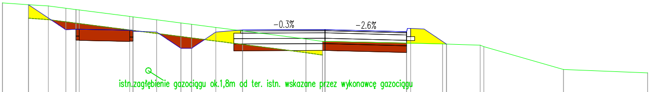
P.O. 69.50

RZĘDNE PROJEKTOWANE		72.48	72.18		72.20	72.20	72.16	72.13	72.09	71.49		71.49		72.09		72.17		72.23		72.17	72.09		71.59		
RZĘDNE ISTNIEJĄCE	72.53	72.48	72.48	72.47	72.45	72.44	72.24	72.23	72.14	72.05	72.01	72.01	72.00	72.00	71.92	71.88	71.75	71.70	71.61	71.61	71.61	71.62	71.59	70.59	70.50
ODSUNIĘCIE	−12.00	−9.78	−9.33	−9.14	−8.95	−8.83	−6.95	−6.83	−5.95	−5.05	−4.71	−4.65	−3.78	−3.75	−3.23	−2.75	−1.32	0.00	2.74	2.75	3.75	4.39	4.50	9.00	12.00

P.O.

42
km 962.34
W=1.22 N=2.26 H=8.50 Pn=6.74 Pw=0.54

	70.04	70.24	70.22
	8.14	10.53	12.00



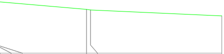
−0.3%
−2.6%
istn.zagłębienie gazociągu ok.1,8m od ter. istn. wskazane przez wykonawcę gazociągu

P.O. 69.40

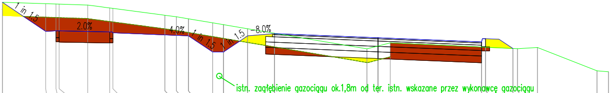
RZĘDNE PROJEKTOWANE		73.01		72.08	72.10	72.10	72.06	72.03	72.00	71.40	71.40	72.00	72.08			72.09	72.01	72.13		71.55				
RZĘDNE ISTNIEJĄCE	73.07	73.01	72.96	72.88	72.83	72.81	72.57	72.56	72.45	72.33	72.28	72.17	72.04	71.74	71.65	71.65	71.59	71.58	71.56	71.55	71.51	71.46	70.61	70.49
ODSUNIĘCIE	−12.00	−11.03	−10.29	−9.64	−9.26	−9.14	−7.26	−7.14	−6.26	−5.36	−4.96	−4.06	−3.06	−0.71	−0.10	0.00	3.04	3.19	4.37	4.52	5.77	5.91	8.87	12.00

P.O.

41
km 936.46
W=2.92 N=1.20 H=10.05 Pn=5.23 Pw=2.73



	70.45	70.42			
	70.42	70.42	70.13	70.11	69.88
	3.59	3.64	6.97	7.12	12.00



1 in 1.5
2.0%
4.0%
1 in 1.5
1 in 1.5
−8.0%
istn. zagłębienie gazociągu ok.1,8m od ter. istn. wskazane przez wykonawcę gazociągu

P.O. 69.60

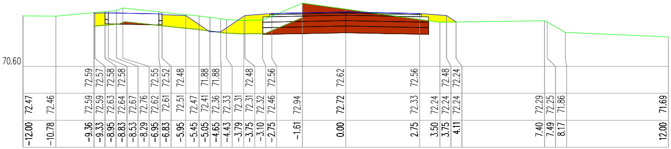
RZĘDNE PROJEKTOWANE		72.10	72.11	72.11		72.08	72.05		71.93	71.33	71.33	71.93	72.01		71.86		71.71	71.83	71.46					
RZĘDNE ISTNIEJĄCE	73.17	73.12	73.11	73.10	73.07	72.96	72.95	72.64	72.56	72.41	72.34	72.19	72.03	71.45	71.55	71.67	71.52	71.51	71.46	71.45	71.50	70.64	70.60	
ODSUNIĘCIE	−13.97	−12.36	−11.98	−11.86	−10.80	−9,98	−9.86	−7.50	−7.05	−6.15	−5.75	−4.85	−3.85	−0.41	0.00	0.46	3.85	4.00	5.01	5.19	5.93	8.15	8.57	12.00

P.O.

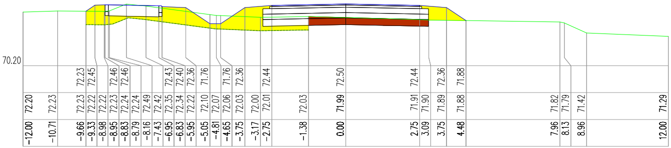
40
km 913.82
W=3.58 N=1.04 H=11.59 Pn=3.76 Pw=4.15

PRZEKROJE POPRZECZNE

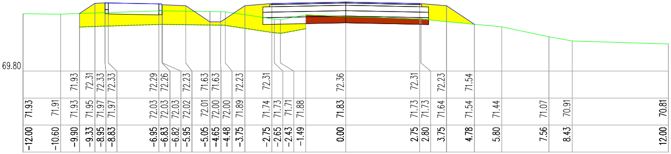
Legenda:
N=nasyp (m2)
W=wykop (m2)
H=istniejący humus (m)
Pn=plantowanie nasypów (m)
Pw=plantowanie wykopów (m)


70.60
72.59 72.57 72.58 72.58 72.55 72.52 72.48 71.88 71.88 72.48 72.56 72.62 72.56 72.48 72.24
72.47 72.46 72.59 72.59 72.63 72.64 72.67 72.76 72.62 72.61 72.51 72.47 72.41 72.36 72.33 72.31 72.31 72.32 72.46 72.94 72.72 72.33 72.24 72.24 72.24 72.29 72.25 71.86 71.69
-12.00 -10.78 -9.36 -9.33 -8.95 -8.83 -8.53 -8.29 -6.95 -6.83 -5.95 -5.45 -5.05 -4.65 -4.43 -3.79 -3.75 -3.10 -2.75 -1.61 0.00 2.75 3.50 3.75 4.11 7.40 7.49 8.17 12.00

45
km 1032.22
W=4.21 N=1.86 H=7.91 Pn=6.02 Pw=0.28


70.20
72.23 72.45 72.46 72.46 72.43 72.40 72.36 71.76 71.76 72.36 72.44 72.50 72.44 72.36 71.88
72.20 72.23 72.23 72.22 72.22 72.23 72.24 72.24 72.49 72.42 72.35 72.34 72.22 72.10 72.07 72.06 72.03 72.00 72.01 72.03 71.99 71.91 71.90 71.89 71.88 71.82 71.79 71.42 71.29
-12.00 -10.71 -9.66 -9.33 -8.98 -8.95 -8.83 -8.79 -8.16 -7.43 -6.95 -6.83 -5.95 -5.05 -4.81 -4.65 -3.75 -3.17 -2.75 -1.38 0.00 2.75 3.09 3.75 4.48 7.96 8.13 8.96 12.00

44
km 1010.57
W=1.19 N=3.39 H=8.36 Pn=7.10 Pw=0.00


69.80
71.93 72.31 72.33 72.33 72.29 72.26 72.23 71.63 71.63 72.23 72.31 72.36 72.31 72.23 71.54
71.93 71.91 71.93 71.95 71.97 71.97 72.03 72.03 72.03 72.02 72.01 72.00 72.00 71.89 71.74 71.73 71.71 71.88 71.83 71.73 71.73 71.64 71.54 71.44 71.07 70.91 70.81
-12.00 -10.60 -9.90 -9.33 -8.95 -8.83 -6.95 -6.83 -6.82 -5.95 -5.05 -4.65 -4.48 -3.75 -2.75 -2.65 -2.43 -1.49 0.00 2.75 2.80 3.75 4.78 5.80 7.56 8.43 12.00

43
km 986.03
W=4.86 N=1.06 H=8.45 Pn=7.76 Pw=0.00

ELBI
Pracownia Projektowa

PRACOWNIA PROJEKTOWA "E L B I"
75-800 KOSZALIN, UL. 1-go MAJA 12/20

Nazwa inwestycji:	*Rozbudowa drogi gminnej nr 213017G na odcinku Szpęgawsk - Rywałd*		
Nazwa obiektu budowlanego:	*Droga gminna 213017G*		
Adres obiektu budowlanego:	Gm. Starogard Gd: Obr. Szpęgawsk: 266, 271, 270/5, 267/4, 343, 254, 260, 267/11, 267/10, 270/3, 270/8, 309/6, 319, 312/14, 312/1, 72, 329, 250/2, 281, 255, 340, 256/3, 256/4, 369/1, 258, 369/3, 261, 262, 268, 267/16, 267/17, 267/1, 269/2, 269/6, 269/9, 269/7, 270/1, 270/2, 318, 317/4, 316, 312/12, 311, 310/3, Obr. Rywałd: 102, 103/2, 103/1, 104/1, 105/1, 107/1, 107/2, 106, 83/1, 83/2, 10, 8, 66, 13/2, 12, 11, 3, 7		
Tytuł rysunku:	*PRZEKROJE POPRZECZNE*		
Stanowisko:	**Imię i nazwisko:**	**Nr uprawnień i specjalność:**	**Podpis:**	Skala: **1:100:100**
Projektował br. drogowa:	*mgr inż. Angelika Elas-Bińczyk*	*ZAP/0056/POOD/06*		Data: **30.07.2019r.**
Sprawdził br. drogowa:	*mgr inż. Adam Bińczyk*	*ZAP/0055/POOD/06*		Nr rys. **10.3**
ARKUSZ NR 3/7				