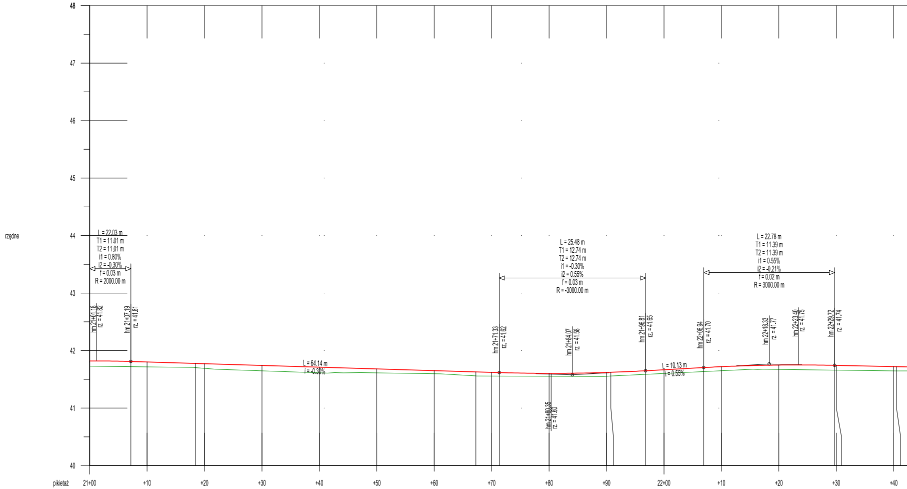
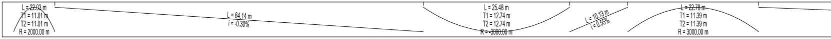

rzędne
48
47
46
45
44
43
42
41
40
pikietaż
21+00
+10
+20
+30
+40
+50
+60
+70
+80
+90
22+00
+10
+20
+30
+40
L = 22.03 m
T1 = 11.01 m
T2 = 11.01 m
i1 = 0.80%
i2 = -0.30%
f = 0.03 m
R = 2000.00 m
hm 21+01.18
rz. = 41.82
hm 21+07.19
rz. = 41.81
L = 64.14 m
i = -0.30%
L = 25.48 m
T1 = 12.74 m
T2 = 12.74 m
i1 = -0.30%
i2 = 0.55%
f = 0.03 m
R = -3000.00 m
hm 21+71.33
rz. = 41.62
hm 21+84.07
rz. = 41.58
hm 21+80.35
rz. = 41.60
hm 21+96.81
rz. = 41.65
L = 10.13 m
i = 0.55%
L = 22.78 m
T1 = 11.39 m
T2 = 11.39 m
i1 = 0.55%
i2 = -0.21%
f = 0.02 m
R = 3000.00 m
hm 22+06.94
rz. = 41.70
hm 22+18.33
rz. = 41.77
hm 22+23.40
rz. = 41.75
hm 22+29.72
rz. = 41.74

Rzędne niwelety:	41.82	41.81	41.80	41.78	41.77	41.74	41.71	41.68	41.65	41.63	41.62	41.62
Rzędne terenu:	41.73	41.72	41.72	41.70	41.69	41.65	41.61	41.61	41.60	41.56	41.56	41.56
Wysokości nasypu:	0.09	0.09	0.08	0.08	0.08	0.09	0.10	0.07	0.05	0.07	0.06	0.06
Głębokości wykopu:												
Pikietaż:	21+00.00	21+07.19	21+10.00	21+18.47	21+20.00	21+30.00	21+40.00	21+50.00	21+60.00	21+67.24	21+70.00	21+71.33

Rzędne niwelety:	41.60	41.62	41.62	41.65	41.67	41.70	41.72	41.75	41.74	41.74	41.72	41.72
Rzędne terenu:	41.55	41.55	41.56	41.59	41.60	41.63	41.65	41.67	41.66	41.66	41.65	41.65
Wysokości nasypu:	0.05	0.07	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.07	0.07
Głębokości wykopu:												
Pikietaż:	21+80.00	21+90.00	21+90.74	21+96.81	22+00.00	22+06.94	22+10.00	22+20.00	22+29.72	22+30.00	22+40.00	22+40.48

Elementy trasy w profilu:


L = 22.03 m
T1 = 11.01 m
T2 = 11.01 m
R = 2000.00 m
L = 64.14 m
i = -0.30%
L = 25.48 m
T1 = 12.74 m
T2 = 12.74 m
R = -3000.00 m
L = 10.13 m
i = 0.55%
L = 22.78 m
T1 = 11.39 m
T2 = 11.39 m
R = 3000.00 m

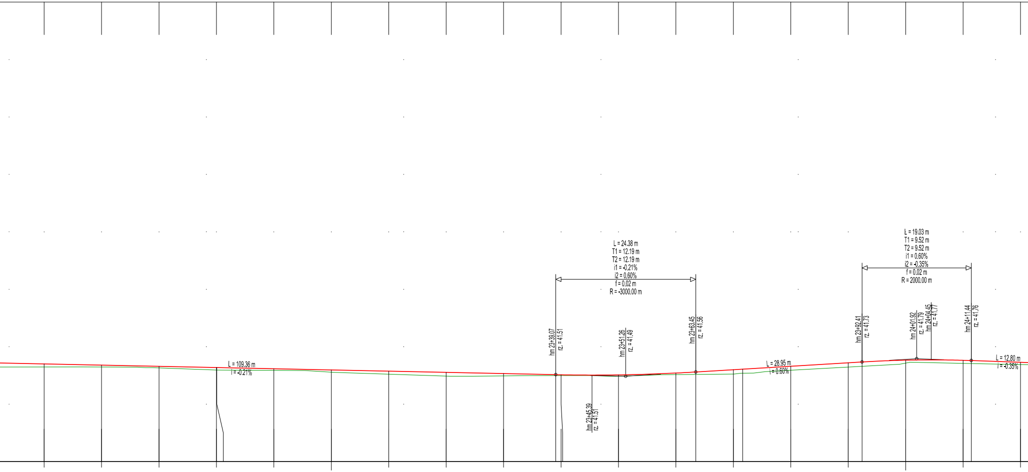
Elementy trasy w planie:

L = 50.40 m

L = 48.77 m

L = 23.50 m

L = 49.74 m


L = 109.36 m
i = -0.21%
L = 24.38 m
T1 = 12.19 m
T2 = 12.19 m
i1 = -0.21%
i2 = 0.60%
f = 0.02 m
R = -3000.00 m
hm 23+39.07
rz. = 41.51
hm 23+45.39
rz. = 41.51
hm 23+51.26
rz. = 41.49
hm 23+63.45
rz. = 41.56
L = 28.95 m
i = 0.60%
L = 19.03 m
T1 = 9.52 m
T2 = 9.52 m
i1 = 0.60%
i2 = -0.35%
f = 0.02 m
R = 2000.00 m
hm 23+92.41
rz. = 41.73
hm 24+01.92
rz. = 41.79
hm 24+04.45
rz. = 41.77
hm 24+11.44
rz. = 41.76
L = 12.80 m
i = -0.35%

+50	41.70	41.65	0.05	22+50.00
+60	41.68	41.65	0.03	22+60.00
+70	41.66	41.63	0.03	22+70.00
+80	41.64	41.59	0.05	22+80.00
	41.64	41.59	0.05	22+80.07
+90	41.62	41.59	0.03	22+90.00
23+00	41.60	41.56	0.04	23+00.00
+10	41.57	41.52	0.05	23+10.00
+20	41.55	41.49	0.06	23+20.00
+30	41.53	41.49	0.04	23+30.00
	41.51	41.50	0.01	23+39.07
+40	41.51	41.50	0.01	23+40.00
+50	41.51	41.49	0.02	23+50.00
+60	41.54	41.52	0.02	23+60.00
	41.56	41.52	0.04	23+63.45
+70	41.60	41.52	0.08	23+70.00
	41.61	41.54	0.07	23+71.63
+80	41.66	41.59	0.07	23+80.00
+90	41.72	41.65	0.07	23+90.00
	41.73	41.66	0.07	23+92.41
24+00	41.77	41.72	0.05	24+00.00
+10	41.76	41.71	0.05	24+10.00
	41.76	41.71	0.05	24+11.44
+20	41.73	41.69	0.04	24+20.00

L = 109.36 m
i = -0.21%

L = 24.38 m
T1 = 12.19 m
T2 = 12.19 m
R = -3000.00 m

L = 28.95 m
i = 0.60%

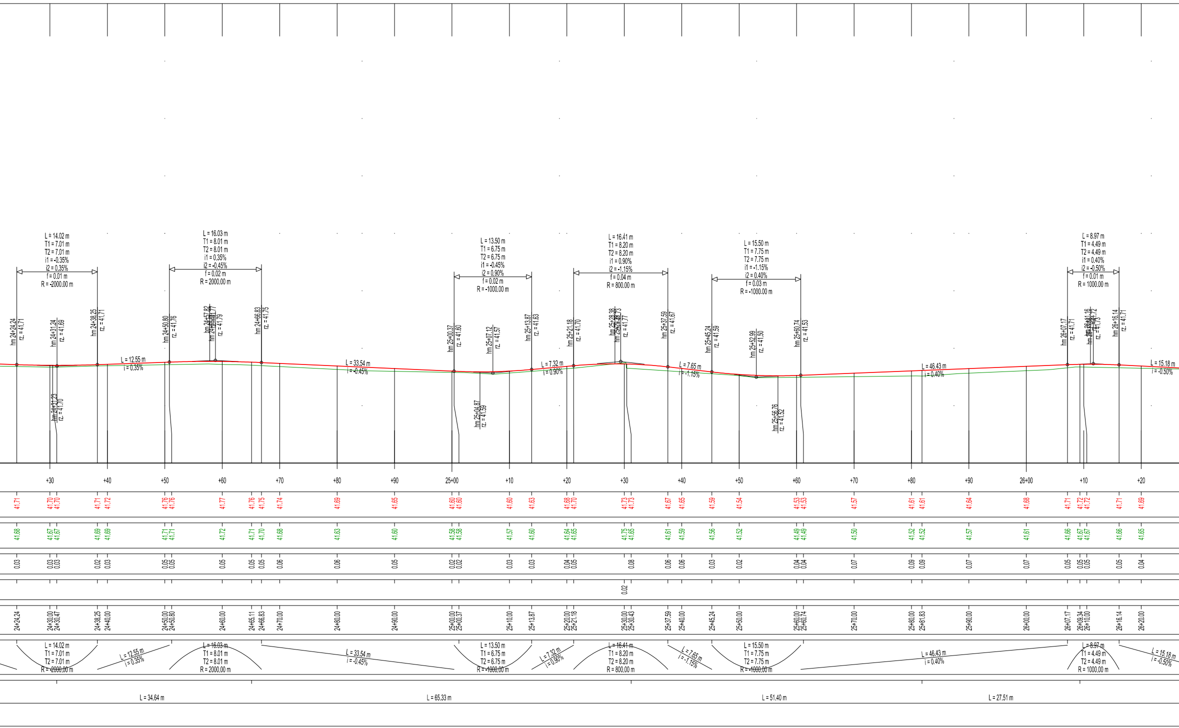
L = 19.03 m
T1 = 9.52 m
T2 = 9.52 m
R = 2000.00 m

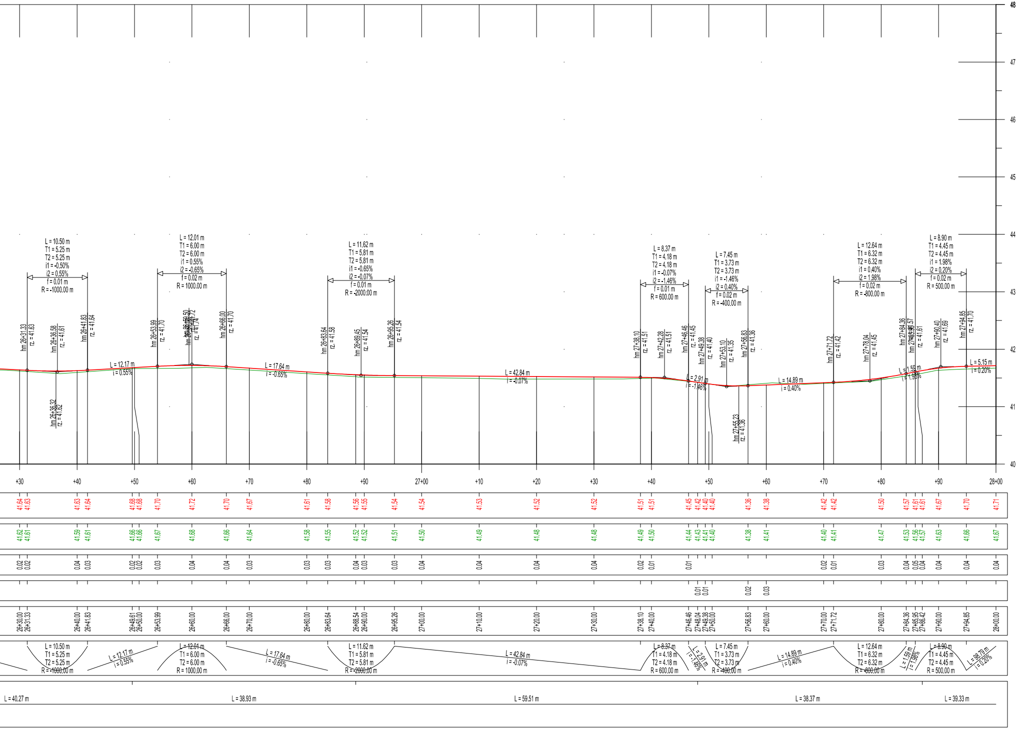
L = 12.80 m
i = -0.35%

L = 39.59 m

L = 91.56 m

L = 58.85 m


L = 14.02 m
T1 = 7.01 m
T2 = 7.01 m
i1 = -0.35%
i2 = 0.35%
f = 0.01 m
R = -2000.00 m
L = 16.03 m
T1 = 8.01 m
T2 = 8.01 m
i1 = 0.35%
i2 = -0.45%
f = 0.02 m
R = 2000.00 m
L = 13.50 m
T1 = 6.75 m
T2 = 6.75 m
i1 = -0.45%
i2 = 0.90%
f = 0.02 m
R = -1000.00 m
L = 16.41 m
T1 = 8.20 m
T2 = 8.20 m
i1 = 0.90%
i2 = -1.15%
f = 0.04 m
R = 800.00 m
L = 15.50 m
T1 = 7.75 m
T2 = 7.75 m
i1 = -1.15%
i2 = 0.40%
f = 0.03 m
R = -1000.00 m
L = 8.97 m
T1 = 4.49 m
T2 = 4.49 m
i1 = 0.40%
i2 = -0.50%
f = 0.01 m
R = 1000.00 m
hm 24+24.24 rz. = 41.71
hm 24+31.24 rz. = 41.69
hm 24+31.23 rz. = 41.70
hm 24+38.25 rz. = 41.71
hm 24+50.80 rz. = 41.76
hm 24+57.82
hm 24+58.81 rz. = 41.77
rz. = 41.79
hm 24+66.83 rz. = 41.75
hm 25+00.37 rz. = 41.60
hm 25+04.87 rz. = 41.59
hm 25+07.12 rz. = 41.57
hm 25+13.87 rz. = 41.63
hm 25+21.18 rz. = 41.70
hm 25+28.38
hm 25+29.73 rz. = 41.77
hm 25+37.59 rz. = 41.67
hm 25+45.24 rz. = 41.59
hm 25+52.99 rz. = 41.50
hm 25+56.76 rz. = 41.32
hm 25+60.74 rz. = 41.53
hm 26+07.17 rz. = 41.71
hm 26+11.16
hm 26+11.66 rz. = 41.72
rz. = 41.73
hm 26+16.14 rz. = 41.71
L = 12.55 m
i = 0.35%
L = 33.54 m
i = -0.45%
L = 7.32 m
i = 0.90%
L = 7.65 m
i = -1.15%
L = 46.43 m
i = 0.40%
L = 15.18 m
i = -0.50%
+30
+40
+50
+60
+70
+80
+90
25+00
+10
+20
+30
+40
+50
+60
+70
+80
+90
26+00
+10
+20
41.71
41.70
41.70
41.71
41.72
41.76
41.76
41.77
41.76
41.75
41.74
41.69
41.65
41.60
41.60
41.60
41.63
41.68
41.70
41.73
41.73
41.67
41.65
41.59
41.54
41.53
41.53
41.57
41.61
41.61
41.64
41.68
41.71
41.72
41.72
41.71
41.69
41.68
41.67
41.67
41.69
41.69
41.71
41.71
41.72
41.71
41.70
41.68
41.63
41.60
41.58
41.58
41.57
41.60
41.64
41.65
41.75
41.65
41.61
41.59
41.56
41.52
41.49
41.49
41.50
41.52
41.52
41.57
41.61
41.66
41.67
41.67
41.66
41.65
0.03
0.03
0.03
0.02
0.03
0.05
0.05
0.05
0.05
0.05
0.06
0.06
0.05
0.02
0.02
0.03
0.03
0.04
0.05
0.08
0.06
0.06
0.03
0.02
0.04
0.04
0.07
0.09
0.09
0.07
0.07
0.05
0.05
0.05
0.05
0.04
0.02
24+24.24
24+30.00
24+30.47
24+38.25
24+40.00
24+50.00
24+50.80
24+60.00
24+65.11
24+66.83
24+70.00
24+80.00
24+90.00
25+00.00
25+00.37
25+10.00
25+13.87
25+20.00
25+21.18
25+30.00
25+30.43
25+37.59
25+40.00
25+45.24
25+50.00
25+60.00
25+60.74
25+70.00
25+80.00
25+81.83
25+90.00
26+00.00
26+07.17
26+09.34
26+10.00
26+16.14
26+20.00
L = 14.02 m
T1 = 7.01 m
T2 = 7.01 m
R = -2000.00 m
L = 12.55 m
i = 0.35%
L = 16.03 m
T1 = 8.01 m
T2 = 8.01 m
R = 2000.00 m
L = 33.54 m
i = -0.45%
L = 13.50 m
T1 = 6.75 m
T2 = 6.75 m
R = -1000.00 m
L = 7.32 m
i = 0.90%
L = 16.41 m
T1 = 8.20 m
T2 = 8.20 m
R = 800.00 m
L = 7.65 m
i = -1.15%
L = 15.50 m
T1 = 7.75 m
T2 = 7.75 m
R = -1000.00 m
L = 46.43 m
i = 0.40%
L = 8.97 m
T1 = 4.49 m
T2 = 4.49 m
R = 1000.00 m
L = 15.18 m
i = -0.50%
L = 34.64 m
L = 65.33 m
L = 51.40 m
L = 27.51 m


48
47
46
45
44
43
42
41
40
rzędne
L = 10.50 m
T1 = 5.25 m
T2 = 5.25 m
i1 = -0.50%
i2 = 0.55%
f = 0.01 m
R = -1000.00 m
L = 12.01 m
T1 = 6.00 m
T2 = 6.00 m
i1 = 0.55%
i2 = -0.65%
f = 0.02 m
R = 1000.00 m
L = 11.62 m
T1 = 5.81 m
T2 = 5.81 m
i1 = -0.65%
i2 = -0.07%
f = 0.01 m
R = -2000.00 m
L = 8.37 m
T1 = 4.18 m
T2 = 4.18 m
i1 = -0.07%
i2 = -1.46%
f = 0.01 m
R = 600.00 m
L = 7.45 m
T1 = 3.73 m
T2 = 3.73 m
i1 = -1.46%
i2 = 0.40%
f = 0.02 m
R = -400.00 m
L = 12.64 m
T1 = 6.32 m
T2 = 6.32 m
i1 = 0.40%
i2 = 1.98%
f = 0.02 m
R = -800.00 m
L = 8.90 m
T1 = 4.45 m
T2 = 4.45 m
i1 = 1.98%
i2 = 0.20%
f = 0.02 m
R = 500.00 m
hm 26+31.33 rz. = 41.63
hm 26+36.58 rz. = 41.61
hm 26+36.32 rz. = 41.62
hm 26+41.83 rz. = 41.64
hm 26+53.99 rz. = 41.70
hm 26+60.00 rz. = 41.74
hm 26+66.00 rz. = 41.70
hm 26+83.64 rz. = 41.58
hm 26+89.45 rz. = 41.54
hm 26+95.26 rz. = 41.54
hm 27+38.10 rz. = 41.51
hm 27+42.28 rz. = 41.51
hm 27+46.46 rz. = 41.45
hm 27+49.38 rz. = 41.40
hm 27+53.10 rz. = 41.35
hm 27+55.23 rz. = 41.36
hm 27+56.83 rz. = 41.36
hm 27+71.72 rz. = 41.42
hm 27+78.04 rz. = 41.45
hm 27+84.36
hm 27+85.95 rz. = 41.61
hm 27+90.40 rz. = 41.69
hm 27+94.85 rz. = 41.70
L = 12.17 m i = 0.55%
L = 17.64 m i = -0.65%
L = 42.84 m i = -0.07%
L = 2.91 m i = -1.46%
L = 14.89 m i = 0.40%
L = 1.59 m i = 1.98%
L = 5.15 m i = 0.20%
+30
+40
+50
+60
+70
+80
+90
27+00
+10
+20
+30
+40
+50
+60
+70
+80
+90
28+00
41.64 41.63 41.63 41.64 41.68 41.68 41.70 41.72 41.70 41.67 41.61 41.58 41.56 41.55 41.54 41.54 41.53 41.52 41.52 41.51 41.51 41.45 41.42 41.40 41.40 41.36 41.38 41.42 41.42 41.50 41.57 41.61 41.61 41.67 41.70 41.71
41.62 41.61 41.59 41.61 41.66 41.66 41.67 41.68 41.66 41.64 41.58 41.55 41.52 41.52 41.51 41.50 41.49 41.48 41.48 41.49 41.50 41.44 41.43 41.41 41.40 41.38 41.41 41.40 41.41 41.47 41.53 41.56 41.57 41.63 41.66 41.67
0.02 0.02 0.04 0.03 0.02 0.02 0.03 0.04 0.04 0.03 0.03 0.03 0.04 0.03 0.03 0.04 0.04 0.04 0.04 0.02 0.01 0.01 0.02 0.01 0.03 0.04 0.05 0.04 0.04 0.04 0.04
0.01 0.01 0.02 0.03
26+30.00 26+31.33 26+40.00 26+41.83 26+49.61 26+50.00 26+53.99 26+60.00 26+66.00 26+70.00 26+80.00 26+83.64 26+88.54 26+90.00 26+95.26 27+00.00 27+10.00 27+20.00 27+30.00 27+38.10 27+40.00 27+46.46 27+48.04 27+49.38 27+50.00 27+56.83 27+60.00 27+70.00 27+71.72 27+80.00 27+84.36 27+85.95 27+86.42 27+90.00 27+94.85 28+00.00
L = 10.50 m T1 = 5.25 m T2 = 5.25 m R = -1000.00 m
L = 12.17 m i = 0.55%
L = 12.01 m T1 = 6.00 m T2 = 6.00 m R = 1000.00 m
L = 17.64 m i = -0.65%
L = 11.62 m T1 = 5.81 m T2 = 5.81 m R = -2000.00 m
L = 42.84 m i = -0.07%
L = 8.37 m T1 = 4.18 m T2 = 4.18 m R = 600.00 m
L = 2.91 m i = -1.46%
L = 7.45 m T1 = 3.73 m T2 = 3.73 m R = -400.00 m
L = 14.89 m i = 0.40%
L = 12.64 m T1 = 6.32 m T2 = 6.32 m R = -800.00 m
L = 1.59 m i = 1.98%
L = 8.90 m T1 = 4.45 m T2 = 4.45 m R = 500.00 m
L = 98.79 m i = 0.20%
L = 40.27 m
L = 38.93 m
L = 59.51 m
L = 38.37 m
L = 39.33 m

LEGENDA

🟥 niweleta projektowanej nawierzchni

🟩 profil istniejącego terenu

JEDNOSTKA PROJEKTOWA	REWITAL PROJEKT	REWITAL PROJEKT DANIEL BZOWSKI ul. Wileńska 29/8, 56-400 Oleśnica; NIP: 753-207-60-88 , e-mail: d.bzowski@wp.pl tel. 604 561 233		
INWESTOR	Powiat Czarnkowsko - Trzcianecki ul. Rybaki 3, 64-700 Czarnków NIP: 763-20-92-218			
TEMAT/INWESTYCJA	Opracowanie dokumentacji projektowej dla budowy ścieżek rowerowych oraz częściowego oświetlenia na terenie Miasta Czarnków, Gminy Czarnków i Gminy Lubasz			
ZADANIE	Budowa ciągu pieszo - rowerowego i ścieżki rowerowej z oświetleniem (odcinek B)			
RYSUNEK	Profil podłużny			
SKALA 1:50/500	DATA: wrzesień 2015r.	BRANŻA DR	STADIUM PW	NR RYSUNKU PP4
Projekt chroniony prawem autorskim				
ZESPÓŁ PROJEKTOWY			PODPIS	
BRANŻA DROGOWA				
PROJEKTANT	mgr inż. ROBERT RYBKA			
OPR./NADZ.	mgr inż. DANIEL BZOWSKI			