

PRACE NA ODCINKU LINII KOLEJOWEJ NR 98 SUCHA BESKIDZKA - CHABÓWKA

OPERAT GEODEZYJNY

***INWENTARYZACJA kotew skośnych i mikropali na murze oporowym w
Chabówce***

Zlecenie **571/Nowak-Mosty/Most/2023**
nr.: **117/PNUIK Kraków Sp. z o.o./OB/2023**
Branża: **Mosty**

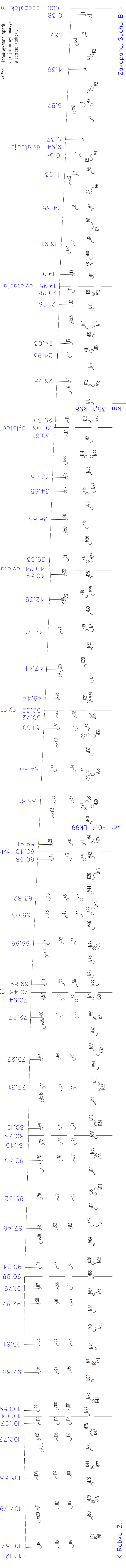
Pomierzył,
dn. 31.10-10.11.2023r.:
Jacek Rynia

Opracował,
dn. 04.12.2023r.:
Kierownik Zespołu
delu
mgr inż. *Lukasz Letkiewicz*
geodeta uprawniony
Nr upr. 19149

Przyjął,
dn.

INWENTARYZACJA POWYKONAWCZA
 kotew skosnych i mikropali w obróbkach
 przy budowie drogi powiatowej nr 38
 na linii kolejowej nr 98
 SUCHA BESIŁOWA - CHABOWKA
 2023,11,10

LEGENDA:
 "m" - mikropala pionowa 1-81
 "k" - kotwa dno ściana 1-46
 "r" - kotwa ściana 1-16
 ks "r" - kotwa wykonana zgodnie z projektem wykonawczym w zakresie kontraktu



Kierownik Zespołu
 mgr inż. Łukasz Lech
 geodeta uprawniony
 Nr upraw. 15149

„GEOPRZEM” Spółka z ograniczoną odpowiedzialnością
 Sąd Rejonowy dla M. St. Krakowa, XII KRS 0000262220
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 NIP 679-000-40-00 REGON 351502940

**INWENTARYZACJA kotew skońnych i mikropali na murze oporowym w
Chabówce**

PRACE NA ODCINKU LINII KOLEJOWEJ NR 98 SUCHA BESKIDZKA - CHABÓWKA

2023,11,10

Nr	X (2000-21) {m}	Y (2000-21) {m}	H (Kr'86) {m}
1	5496256.82	7423433.49	487.86
2	5496257.76	7423434.63	487.83
3	5496259.29	7423436.60	487.92
4	5496260.88	7423438.55	487.99
5	5496262.47	7423440.47	488.13
6	5496263.11	7423441.36	488.25
7	5496263.99	7423442.43	488.46
8	5496265.52	7423444.30	488.53
9	5496267.16	7423446.28	488.69
10	5496268.53	7423447.99	488.76
11	5496269.29	7423448.89	488.78
12	5496269.91	7423449.65	488.84
13	5496271.68	7423451.79	488.93
14	5496272.23	7423452.50	489.01
15	5496273.32	7423453.95	489.07
16	5496275.03	7423456.22	489.10
17	5496275.68	7423456.96	489.18
18	5496277.68	7423459.25	489.27
19	5496278.33	7423460.00	489.33
20	5496279.68	7423461.49	489.29
21	5496281.62	7423463.62	489.21
22	5496282.24	7423464.47	489.34
23	5496283.37	7423465.87	489.40
24	5496284.82	7423467.69	489.60
25	5496286.51	7423469.79	489.62
26	5496287.80	7423471.36	489.82
27	5496288.59	7423472.36	489.89
28	5496288.73	7423472.26	488.60
29	5496288.84	7423472.11	487.57
30	5496289.16	7423473.03	489.85
31	5496289.35	7423472.94	488.56
32	5496289.50	7423472.86	487.61
33	5496291.09	7423475.32	490.07
34	5496291.25	7423475.20	488.71
35	5496291.41	7423475.13	487.79
36	5496292.53	7423477.00	490.12
37	5496292.67	7423476.88	488.82
38	5496292.81	7423476.79	487.81
39	5496294.54	7423479.36	490.31
40	5496294.69	7423479.21	488.93
41	5496294.80	7423479.12	488.01
42	5496295.26	7423480.11	490.27
43	5496295.38	7423479.98	488.99
44	5496295.51	7423479.90	487.98
45	5496297.18	7423482.21	490.47

Nr	X (2000-21) {m}	Y (2000-21) {m}	H (Kr'86) {m}
46	5496297.35	7423482.09	489.16
47	5496297.47	7423481.96	488.18
48	5496298.02	7423483.07	490.54
49	5496298.16	7423482.94	489.23
50	5496298.25	7423482.83	488.21
51	5496299.36	7423484.47	490.57
52	5496299.44	7423484.31	489.52
53	5496299.56	7423484.25	488.61
54	5496301.37	7423486.60	490.77
55	5496301.54	7423486.49	489.50
56	5496301.62	7423486.43	488.46
57	5496302.09	7423487.33	490.81
58	5496302.28	7423487.23	489.51
59	5496302.42	7423487.17	488.55
60	5496303.06	7423488.24	490.95
61	5496303.15	7423488.07	489.59
62	5496303.29	7423488.03	488.51
63	5496305.26	7423490.27	491.04
64	5496305.32	7423490.12	489.77
65	5496305.45	7423490.08	488.71
66	5496306.78	7423491.63	490.86
67	5496306.95	7423491.58	489.62
68	5496307.03	7423491.48	488.66
69	5496308.91	7423493.57	491.04
70	5496309.04	7423493.44	489.70
71	5496309.09	7423493.36	488.71
72	5496309.79	7423494.35	490.93
73	5496309.85	7423494.17	489.63
74	5496309.93	7423494.06	488.65
75	5496310.67	7423495.06	491.07
76	5496310.78	7423494.93	489.65
77	5496310.87	7423494.80	488.68
78	5496312.83	7423496.74	491.06
79	5496312.96	7423496.65	489.81
80	5496313.06	7423496.56	488.75
81	5496314.51	7423498.06	491.09
82	5496314.65	7423497.96	489.97
83	5496314.74	7423497.85	488.88
84	5496316.71	7423499.77	491.14
85	5496316.82	7423499.66	489.88
86	5496316.96	7423499.60	488.92
87	5496317.94	7423500.70	491.14
88	5496318.03	7423500.54	489.81
89	5496318.12	7423500.48	488.92
90	5496318.83	7423501.32	491.22
91	5496318.95	7423501.22	489.86
92	5496319.05	7423501.15	488.91
93	5496321.22	7423503.02	491.17
94	5496321.34	7423502.90	489.88
95	5496321.43	7423502.81	488.89

Nr	X (2000-21) {m}	Y (2000-21) {m}	H (Kr'86) {m}
96	5496322.90	7423504.18	491.19
97	5496323.00	7423504.08	489.87
98	5496323.06	7423503.97	488.98
99	5496325.13	7423505.77	491.28
100	5496325.17	7423505.59	489.91
101	5496325.25	7423505.52	489.04
102	5496325.86	7423506.35	491.15
103	5496326.00	7423506.20	489.86
104	5496326.08	7423506.12	489.01
105	5496326.84	7423507.03	491.21
106	5496326.92	7423506.89	489.88
107	5496327.04	7423506.77	489.00
108	5496329.12	7423508.62	491.29
109	5496329.24	7423508.42	489.94
110	5496329.32	7423508.32	488.98
111	5496330.99	7423509.86	491.23
112	5496331.06	7423509.61	489.83
113	5496331.15	7423509.53	488.92
114	5496333.30	7423511.39	491.12
115	5496333.44	7423511.17	489.83
116	5496333.50	7423511.10	488.85
K1	5496257.08	7423433.68	487.48
K2	5496258.69	7423435.66	487.45
K3	5496260.26	7423437.59	487.47
K4	5496261.71	7423439.32	487.44
K5	5496263.45	7423441.44	487.51
K6	5496264.92	7423443.33	487.54
K7	5496266.53	7423445.19	487.42
K8	5496268.24	7423447.28	487.46
K9	5496269.62	7423448.85	487.36
K10	5496271.06	7423450.75	487.82
K11	5496272.21	7423452.02	487.55
K12	5496273.68	7423454.01	487.59
K13	5496275.27	7423456.06	487.65
K14	5496276.90	7423457.95	487.89
K15	5496278.69	7423459.88	487.81
K16	5496280.29	7423461.66	487.81
K17	5496281.90	7423463.49	487.78
K18	5496283.37	7423465.52	487.86
K19	5496284.93	7423467.44	487.80
K20	5496286.52	7423469.38	487.89
K21	5496288.15	7423471.33	487.70
K22	5496289.66	7423473.16	487.75
K23	5496291.52	7423475.28	487.75
K24	5496293.11	7423477.18	487.91
K25	5496294.76	7423478.93	487.38
K26	5496296.47	7423480.82	487.35
K27	5496298.22	7423482.63	487.42
K28	5496299.95	7423484.42	487.28
K29	5496301.74	7423486.23	487.08

Nr	X (2000-21) {m}	Y (2000-21) {m}	H (Kr'86) {m}
<i>K30</i>	5496302.53	7423486.77	487.24
<i>K31</i>	5496303.44	7423487.94	487.17
<i>K32</i>	5496305.33	7423489.70	487.03
<i>K33</i>	5496307.19	7423491.36	486.92
<i>K34</i>	5496309.01	7423493.05	487.17
<i>K35</i>	5496310.89	7423494.55	487.18
<i>K36</i>	5496312.92	7423496.18	487.23
<i>K37</i>	5496314.69	7423497.58	487.44
<i>K38</i>	5496316.84	7423499.24	487.38
<i>K39</i>	5496318.61	7423500.55	487.18
<i>K40</i>	5496320.75	7423502.10	487.30
<i>K41</i>	5496322.70	7423503.49	487.27
<i>K42</i>	5496324.95	7423505.08	487.36
<i>K43</i>	5496326.91	7423506.43	487.47
<i>K44</i>	5496328.89	7423507.76	487.50
<i>K45</i>	5496331.00	7423509.14	487.36
<i>K46</i>	5496333.23	7423510.64	487.23
<i>ks1</i>	5496258.09	7423435.23	488.51
<i>ks2</i>	5496261.15	7423439.01	488.69
<i>ks3</i>	5496264.32	7423442.97	488.95
<i>ks4</i>	5496267.46	7423446.81	489.07
<i>ks5</i>	5496270.70	7423450.61	488.81
<i>ks6</i>	5496273.82	7423454.59	489.00
<i>ks8</i>	5496277.01	7423458.50	489.28
<i>ks9</i>	5496280.34	7423462.21	489.26
<i>ks10</i>	5496283.60	7423466.17	489.47
<i>ks11</i>	5496286.78	7423470.11	489.69
<i>ks12</i>	5496289.97	7423473.99	489.88
<i>ks13</i>	5496293.21	7423477.81	490.17
<i>ks14</i>	5496300.02	7423485.18	490.65
<i>ks15</i>	5496303.57	7423488.71	490.84
<i>ks16</i>	5496307.45	7423492.22	490.96
<i>ks17</i>	5496311.27	7423495.51	490.99
<i>ks18</i>	5496315.29	7423498.67	491.06
<i>ks19</i>	5496327.53	7423507.46	490.97
<i>ks20</i>	5496331.76	7423510.34	491.18
<i>M1</i>	5496258.88	7423435.56	487.48
<i>M2</i>	5496260.35	7423437.32	487.43
<i>M3</i>	5496261.13	7423438.29	487.48
<i>M4</i>	5496263.44	7423441.13	487.47
<i>M5</i>	5496264.21	7423441.98	487.38
<i>M6</i>	5496264.95	7423442.92	487.40
<i>M7</i>	5496265.86	7423444.12	487.40
<i>M8</i>	5496266.52	7423444.88	487.50
<i>M9</i>	5496267.33	7423445.83	487.39
<i>M10</i>	5496268.06	7423446.78	487.52
<i>M11</i>	5496268.95	7423447.79	487.43
<i>M12</i>	5496269.69	7423448.76	487.42
<i>M13</i>	5496270.47	7423449.59	487.34
<i>M14</i>	5496271.22	7423450.51	487.36

Nr	X (2000-21) {m}	Y (2000-21) {m}	H (Kr'86) {m}
M15	5496271.69	7423450.99	487.33
M16	5496272.35	7423451.83	487.44
M17	5496273.11	7423452.81	487.33
M18	5496273.84	7423453.81	487.37
M19	5496274.66	7423454.85	487.44
M20	5496275.47	7423455.83	487.46
M21	5496276.36	7423456.94	487.50
M22	5496277.07	7423457.76	487.48
M23	5496277.91	7423458.58	487.47
M24	5496278.76	7423459.58	487.30
M25	5496279.55	7423460.49	487.47
M26	5496281.28	7423462.28	487.58
M27	5496282.13	7423463.26	487.52
M28	5496282.74	7423464.30	487.46
M29	5496283.50	7423465.20	487.38
M30	5496284.30	7423466.31	487.46
M31	5496285.09	7423467.22	487.43
M32	5496285.94	7423468.25	487.40
M33	5496287.38	7423470.07	487.42
M34	5496288.22	7423471.14	487.47
M35	5496289.20	7423472.08	487.19
M36	5496289.97	7423472.99	487.30
M37	5496290.86	7423473.95	487.42
M38	5496291.70	7423475.11	487.37
M39	5496293.20	7423476.86	487.43
M40	5496293.99	7423477.71	487.47
M41	5496294.80	7423478.65	487.42
M42	5496295.62	7423479.60	487.37
M43	5496296.43	7423480.51	487.26
M44	5496297.32	7423481.41	487.43
M45	5496298.16	7423482.18	487.38
M46	5496299.09	7423483.23	487.36
M47	5496300.07	7423484.19	487.35
M48	5496300.80	7423484.94	487.35
M49	5496301.45	7423485.71	487.42
M50	5496302.62	7423486.76	487.41
M51	5496303.59	7423487.71	487.25
M52	5496304.46	7423488.53	487.14
M53	5496305.31	7423489.33	487.25
M54	5496306.29	7423490.13	487.08
M55	5496307.07	7423490.95	487.00
M56	5496308.05	7423491.89	487.19
M57	5496309.06	7423492.79	487.28
M58	5496309.89	7423493.48	487.17
M59	5496310.88	7423494.26	487.19
M60	5496311.84	7423495.16	487.26
M61	5496312.84	7423495.76	487.17
M62	5496313.90	7423496.63	487.16
M63	5496314.87	7423497.40	487.09
M64	5496315.90	7423498.26	487.35

Nr	X (2000-21) {m}	Y (2000-21) {m}	H (Kr'86) {m}
M65	5496316.91	7423499.06	487.24
M66	5496317.80	7423499.69	487.34
M67	5496318.76	7423500.44	487.33
M68	5496319.80	7423501.13	487.30
M69	5496320.79	7423501.93	487.20
M70	5496322.02	7423502.71	487.21
M71	5496322.91	7423503.24	487.41
M72	5496323.92	7423504.02	487.40
M73	5496325.01	7423504.81	487.45
M74	5496325.84	7423505.47	487.63
M75	5496326.85	7423506.06	487.57
M76	5496327.99	7423506.85	487.46
M77	5496329.08	7423507.55	487.32
M78	5496330.06	7423508.28	487.39
M79	5496331.12	7423509.00	487.40
M80	5496332.13	7423509.65	487.40
M81	5496333.33	7423510.43	487.20

"nr" - kotwa skośna 1 - 115

K"nr" - kotwa dolna skośna 1 - 46

M"nr" - mikropal pionowy 1 - 81

ks"nr" - kotwa wykonana zgodnie z projektem wykonawczym w zakresie kontraktu

Kierownik Zespołu
delu
 mgr inż. Łukasz Letkiewicz
 geodeta uprawniony
 Nr upr. 19149

„GEOPRZEM” Spółka z ograniczoną odpowiedzialnością
 Spółka komandytowa (3)
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 NIP 679-000-40-00 REGON 351502340