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**Budowa S3 Brzozowo - Miękowo**  
Ks. rob. 1265

## **OPERAT GEODEZYJNY**

**INWENTARYZACJA ODHUMUSOWANIA  
MOP PRZYBIERNÓW ZACHÓD**

**KM 45+375 – 45+700**

Wykonano:

Zlecenie nr : D\_00178

14.06.2019 r.



Budowa drogi ekspresowej S3 odcinek Brzozowo-Miękowo	Rodzaj prac: geod. obsługa budowy
Woj. zachodniopomorskie	
Powiat goleniowski/kamiński	
Skala 1:850	
Pomierzono: 2019-06-12	



**FOTOKART**

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Szkic polowy nr: 1 z 2 Zlecenie: 00178

## ODHUMUSOWANIE

### Poziom odniesienia: Teren 0

Obj. 18 794 [m<sup>3</sup>]  
Pow, 46 584 [m<sup>2</sup>]  
Śr. gr. 0.40 [m]

pomierzona rzędna odhumusowania [m]

zakres odhumusowania  
projekt wykonawczy, drogowy  
mapa do celów projektowych

Legenda:

WYMGR-2

20.45

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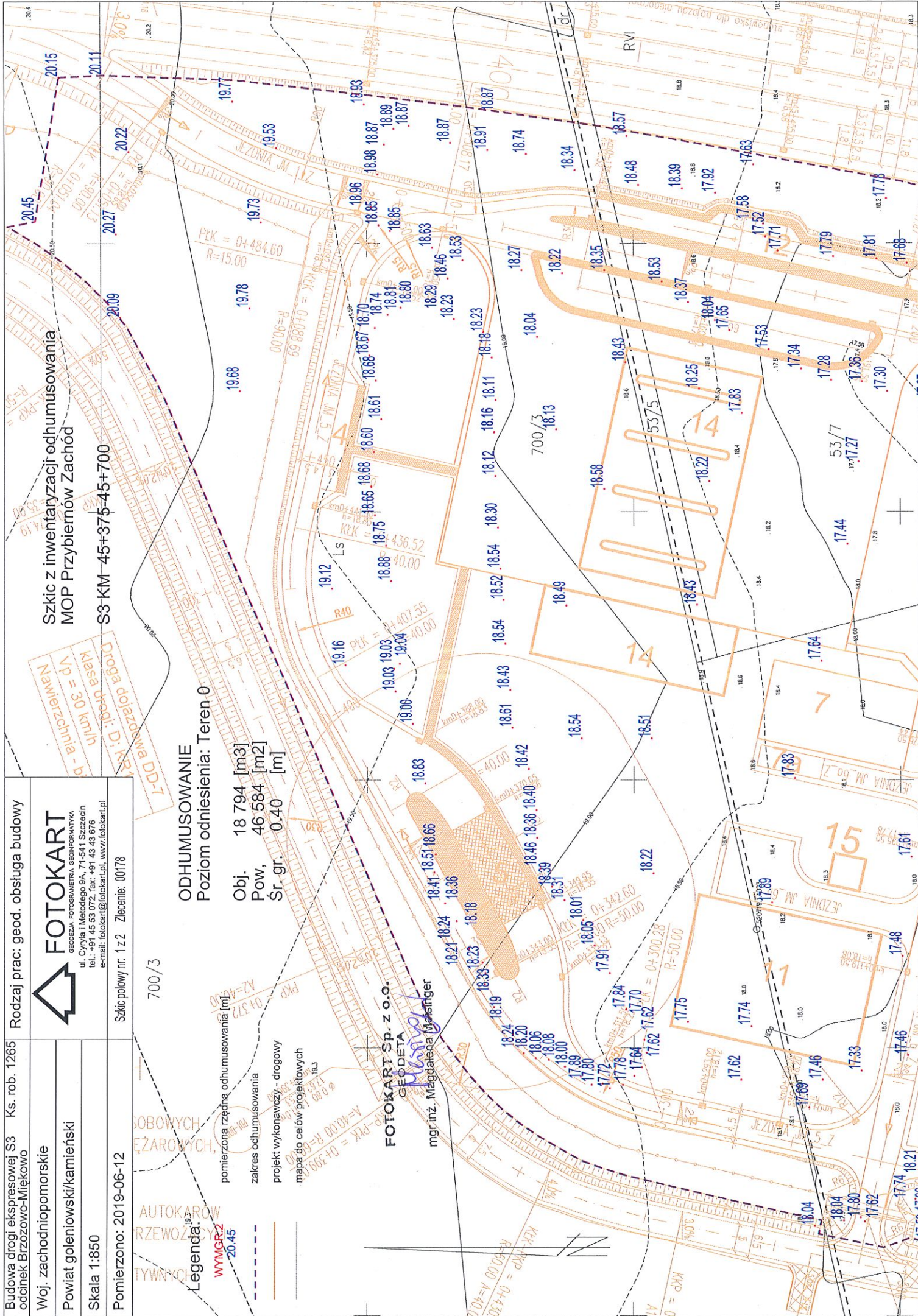
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GEODETA

mgr inż. Magdalena Maszinger









NR [-]	X [m]	Y [m]	Z [m]	NR [-]	X [m]	Y [m]	Z [m]
D178.989	5959789.59	5485489.65	20.78	D178.798D	5959680.91	5485368.62	18.239
D178.988	5959805.03	5485492.29	20.66	D178.797D	5959683.27	5485373.72	18.357
D178.987	5959803.55	5485506.04	20.54	D178.796D	5959685.47	5485377.01	18.41
D178.986	5959779.24	5485500.99	20.64	D178.795D	5959687.48	5485382.76	18.51
D178.985	5959747.42	5485456.97	19.87	D178.794D	5959687.21	5485386.15	18.66
D178.984	5959750.52	5485465.30	20.03	D178.793D	5959689.17	5485399.42	18.83
D178.983	5959756.69	5485473.27	20.37	D178.792D	5959691.49	5485410.51	19.00
D178.982	5959763.51	5485479.90	20.46	D178.791D	5959694.77	5485416.54	19.03
D178.981	5959772.41	5485485.29	20.62	D178.790D	5959695.05	5485420.76	19.03
D178.980	5959767.75	5485493.95	20.46	D178.789D	5959693.98	5485421.72	19.04
D178.979	5959762.38	5485504.13	20.45	D178.788	5959704.17	5485421.46	19.16
D178.978	5959684.85	5485493.52	18.46	D178.787	5959706.71	5485435.71	19.12
D178.977	5959668.00	5485482.61	18.04	D178.786D	5959695.58	5485437.13	18.88
D178.976	5959664.49	5485465.39	18.13	D178.785D	5959696.54	5485443.71	18.75
D178.975	5959655.58	5485454.29	18.58	D178.784D	5959698.62	5485449.40	18.65
D178.974	5959651.60	5485477.88	18.43	D178.783D	5959699.32	5485454.76	18.69
D178.973	5959637.72	5485472.95	18.25	D178.782D	5959699.32	5485454.69	18.70
D178.972	5959629.65	5485468.37	17.83	D178.781D	5959698.81	5485461.16	18.60
D178.971	5959635.82	5485455.71	18.22	D178.780D	5959697.40	5485467.28	18.61
D178.970	5959638.16	5485432.67	18.43	D178.779D	5959698.41	5485474.50	18.69
D178.969	5959662.62	5485432.53	18.49	D178.778D	5959699.63	5485479.17	18.67
D178.968	5959659.76	5485407.75	18.54	D178.777D	5959699.81	5485482.02	18.70
D178.967	5959646.73	5485407.76	18.51	D178.776D	5959698.57	5485484.28	18.74
D178.966	5959646.41	5485382.61	18.22	D178.775D	5959696.14	5485486.75	18.81
D178.965	5959639.93	5485354.88	17.75	D178.774D	5959693.74	5485488.09	18.80
D178.843D	5959686.03	5485487.74	18.29	D178.649D	5959555.56	5485472.98	17.29
D178.842D	5959683.67	5485485.95	18.23	D178.648D	5959556.38	5485469.35	17.38
D178.841D	5959678.09	5485483.47	18.23	D178.647D	5959557.96	5485466.55	17.31
D178.840D	5959676.52	5485478.75	18.18	D178.646D	5959563.57	5485465.80	17.11
D178.839D	5959675.81	5485470.84	18.11	D178.645D	5959570.02	5485464.86	17.18
D178.838D	5959676.12	5485464.81	18.16	D178.644D	5959578.57	5485467.41	17.19
D178.837D	5959676.09	5485464.88	18.16	D178.643D	5959589.25	5485469.76	17.14
D178.836D	5959675.89	5485456.67	18.12	D178.642D	5959594.35	5485471.09	17.27
D178.835D	5959675.98	5485456.62	18.14	D178.641D	5959602.43	5485472.49	17.30
D178.834D	5959675.98	5485456.68	18.13	D178.640D	5959607.16	5485474.30	17.36
D178.833D	5959675.93	5485456.80	18.12	D178.639D	5959612.93	5485474.58	17.28
D178.832D	5959675.42	5485447.10	18.30	D178.638D	5959618.50	5485476.67	17.34
D178.831D	5959674.96	5485439.42	18.54	D178.637D	5959624.55	5485480.28	17.53
D178.830D	5959674.40	5485433.59	18.52	D178.636D	5959631.95	5485483.85	17.65
D178.829D	5959674.04	5485425.41	18.54	D178.635D	5959634.68	5485485.70	18.04
D178.828D	5959673.13	5485416.79	18.43	D178.634D	5959639.74	5485489.05	18.37
D178.827D	5959672.74	5485409.75	18.61	D178.633D	5959644.73	5485492.91	18.53
D178.826D	5959669.68	5485402.08	18.42	D178.632D	5959655.52	5485495.05	18.35
D178.825D	5959668.24	5485394.40	18.40	D178.631D	5959663.29	5485494.44	18.22
D178.824D	5959668.11	5485389.21	18.37	D178.630D	5959670.91	5485495.05	18.27
D178.823D	5959667.50	5485383.55	18.46	D178.629D	5959682.03	5485496.89	18.53
D178.822D	5959665.36	5485380.12	18.39	D178.628D	5959687.75	5485499.22	18.63
D178.821D	5959663.00	5485377.60	18.31	D178.627D	5959695.68	5485502.36	18.85
D178.820D	5959659.50	5485373.89	18.01	D178.626D	5959697.83	5485503.41	18.85
D178.819D	5959657.42	5485369.15	18.05	D178.625D	5959699.30	5485506.84	18.96
D178.818D	5959654.64	5485364.02	17.91	D178.624D	5959698.03	5485512.92	18.98
D178.817D	5959651.57	5485357.24	17.84	D178.623	5959717.06	5485517.85	19.53
D178.816D	5959648.12	5485351.57	17.70	D178.622	5959719.96	5485503.96	19.73
D178.815D	5959647.70	5485349.12	17.63	D178.621	5959722.13	5485487.97	19.79
D178.814D	5959648.61	5485346.39	17.62	D178.620	5959723.97	5485472.51	19.69
D178.813D	5959650.04	5485344.77	17.64	D178.619	5959741.28	5485471.93	19.95
D178.812D	5959652.18	5485343.14	17.78	D178.618	5959746.42	5485486.25	20.09
D178.811D	5959654.63	5485342.49	17.72	D178.617	5959747.21	5485501.77	20.27
D178.810D	5959655.96	5485343.35	17.80	D178.616	5959744.79	5485517.12	20.22
D178.809D	5959657.98	5485343.17	17.89	D178.615	5959725.28	5485526.52	19.77
D178.808D	5959659.94	5485344.69	18.00	D178.614	5959700.54	5485525.99	18.93
D178.807D	5959662.92	5485346.54	18.08	D178.613D	5959696.80	5485518.48	18.87
D178.806D	5959665.92	5485347.80	18.06	D178.612D	5959694.98	5485521.41	18.89
D178.805D	5959668.41	5485348.10	18.20	D178.611D	5959692.11	5485521.94	18.87
D178.804D	5959670.62	5485349.03	18.24	D178.610D	5959684.31	5485518.83	18.87
D178.803D	5959672.74	5485352.56	18.19	D178.609	5959675.90	5485524.63	18.87
D178.802D	5959676.24	5485357.63	18.328	D178.608D	5959677.30	5485517.44	18.91
D178.801D	5959677.98	5485361.91	18.23	D178.607D	5959670.00	5485516.70	18.74
D178.800D	5959677.89	5485364.03	18.212	D178.606D	5959660.90	5485513.68	18.34
D178.799D	5959678.40	5485365.96	18.184	D178.605	5959651.29	5485520.03	18.57

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mgr inż. Magdalena Meisinger



NR [-]	X [m]	Y [m]	Z [m]	NR [-]	X [m]	Y [m]	Z [m]
D.178.604D	5959649.10	5485510.92	18.48	D.178.160D	5959527.95	5485331.01	17.45
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D.178.602D	5959634.56	5485509.43	17.923	D.178.158D	5959523.17	5485330.88	17.56
D.178.601	5959627.37	5485514.72	17.629	D.178.157D	5959519.02	5485330.71	17.37
D.178.600D	5959625.52	5485503.68	17.58	D.178.156D	5959542.91	5485319.5	16.689
D.178.599D	5959625.12	5485501.31	17.52	D.178.155D	5959542.68	5485320.35	17.067
D.178.598D	5959622.81	5485498.67	17.71	D.178.154D	5959541.03	5485322.31	17.31
D.178.597D	5959612.49	5485497.64	17.79	D.178.153D	5959540.52	5485324.79	17.42
D.178.596	5959602.51	5485508.44	17.78	D.178.152D	5959542.21	5485327.40	17.52
D.178.595D	5959604.33	5485497.18	17.81	D.178.151D	5959546.64	5485328.35	17.43
D.178.594D	5959598.64	5485496.35	17.68	D.178.150D	5959551.66	5485326.19	17.40
D.178.593D	5959590.03	5485494.61	17.59	D.178.149D	5959556.26	5485325.46	17.33
D.178.592	5959578.58	5485502.34	17.51	D.178.148D	5959560.58	5485323.79	17.26
D.178.591D	5959580.54	5485491.85	17.56	D.178.147D	5959566.06	5485321.33	17.20
D.178.590D	5959579.33	5485491.06	17.64	D.178.146D	5959571.10	5485319.76	17.17
D.178.589D	5959574.26	5485490.52	17.43	D.178.145D	5959577.38	5485319.18	17.14
D.178.588D	5959569.13	5485490.29	17.30	D.178.144D	5959582.39	5485320.50	17.30
D.178.587D	5959566.22	5485489.15	17.22	D.178.143D	5959587.75	5485323.71	17.26
D.178.586D	5959562.05	5485486.17	17.18	D.178.142D	5959588.78	5485326.82	17.15
D.178.585	5959558.05	5485485.75	17.14	D.178.141D	5959581.42	5485330.78	17.34
D.178.584D	5959559.11	5485484.61	17.22	D.178.140D	5959573.70	5485331.67	17.22
D.178.583D	5959555.60	5485483.31	17.21	D.178.139D	5959567.21	5485337.48	17.24
D.178.582D	5959554.70	5485481.30	17.19	D.178.138	5959558.01	5485335.15	17.27
D.178.581D	5959554.63	5485478.43	17.13	D.178.137D	5959553.72	5485349.44	17.43
D.178.580	5959547.53	5485490.07	17.17	D.178.136D	5959549.65	5485351.42	17.46
D.178.579	5959532.21	5485485.68	17.45	D.178.135	5959544.04	5485344.47	17.41
D.178.578	5959548.99	5485469.00	17.16	D.178.134	5959526.85	5485354.62	17.33
D.178.532D	5959486.97	5485468.38	18.37	D.178.133D	5959532.35	5485364.89	17.47
D.178.531D	5959487.62	5485468.75	18.81	D.178.132D	5959521.23	5485372.44	17.52
D.178.521D	5959486.08	5485449.65	17.99	D.178.131D	5959513.33	5485375.41	17.50
D.178.520D	5959486.94	5485449.19	18.50	D.178.130	5959506.71	5485364.31	17.31
D.178.313D	5959616.07	5485316.76	18.04	D.178.129	5959488.21	5485376.29	17.24
D.178.312D	5959610.65	5485317.76	18.04	D.178.128D	5959505.36	5485382.11	17.41
D.178.311D	5959607.48	5485318.35	17.80	D.178.127D	5959506.67	5485384.92	17.51
D.178.310D	5959606.73	5485317.57	17.62	D.178.126D	5959495.50	5485393.42	17.50
D.178.309D	5959597.25	5485321.76	17.75	D.178.125D	5959488.85	5485391.76	17.40
D.178.308D	5959594.30	5485317.81	17.59	D.178.124D	5959484.64	5485392.34	17.28
D.178.307D	5959594.85	5485319.32	17.66	D.178.123D	5959477.64	5485397.09	17.11
D.178.306D	5959593.24	5485321.45	17.80	D.178.122D	5959477.42	5485400.06	17.36
D.178.305D	5959594.42	5485323.07	17.97	D.178.121D	5959478.12	5485405.26	17.34
D.178.304D	5959595.23	5485325.46	18.21	D.178.120D	5959480.62	5485409.46	17.46
D.178.244D	5959528.92	5485312.03	16.78	D.178.119D	5959486.80	5485410.36	17.45
D.178.243D	5959525.41	5485311.24	16.69	D.178.118D	5959492.53	5485409.79	17.45
D.178.242D	5959523.50	5485307.17	16.80	D.178.117D	5959497.34	5485408.14	17.51
D.178.241D	5959522.28	5485304.18	16.92	D.178.116D	5959498.83	5485405.37	17.53
D.178.240D	5959524.01	5485301.68	17.03	D.178.115D	5959503.88	5485401.56	17.45
D.178.239D	5959528.56	5485299.67	17.07	D.178.114D	5959514.99	5485397.32	17.27
D.178.238D	5959534.06	5485297.94	17.24	D.178.113D	5959516.41	5485396.53	17.46
D.178.237D	5959535.43	5485298.48	16.76	D.178.112D	5959523.57	5485390.53	17.67
D.178.236D	5959538.03	5485305.15	16.64	D.178.111D	5959532.31	5485386.56	17.78
D.178.235D	5959536.21	5485308.98	16.74	D.178.110D	5959537.52	5485386.04	17.63
D.178.234D	5959533.25	5485310.87	16.87	D.178.109D	5959545.22	5485381.00	17.59
D.178.178D	5959435.30	5485383.64	17.98	D.178.108D	5959549.68	5485379.03	17.72
D.178.177D	5959436.09	5485385.14	17.91	D.178.107D	5959557.84	5485372.50	17.53
D.178.176D	5959442.00	5485388.59	17.84	D.178.106D	5959559.88	5485368.63	17.44
D.178.175	5959456.60	5485395.43	17.25	D.178.105D	5959575.71	5485358.15	17.32
D.178.174D	5959445.54	5485388.56	17.23	D.178.104D	5959579.71	5485354.62	17.22
D.178.173D	5959455.68	5485378.35	17.10	D.178.103D	5959580.18	5485352.59	17.30
D.178.172D	5959459.83	5485376.07	17.10	D.178.102D	5959582.29	5485350.82	17.35
D.178.171D	5959469.46	5485370.76	17.15	D.178.101D	5959587.77	5485351.01	17.43
D.178.170D	5959475.03	5485368.01	17.16	D.178.100D	5959598.65	5485348.64	17.46
D.178.169D	5959479.91	5485364.11	17.23	D.178.99D	5959607.37	5485345.75	17.33
D.178.168D	5959486.23	5485358.37	17.25	D.178.98D	5959614.69	5485344.05	17.46
D.178.167D	5959495.36	5485351.47	17.32	D.178.97D	5959617.14	5485338.91	17.69
D.178.166D	5959498.82	5485349.15	17.39	D.178.96	5959629.88	5485344.05	17.62
D.178.165D	5959506.94	5485344.91	17.38	D.178.95	5959627.94	5485354.09	17.74
D.178.164D	5959515.72	5485341.16	17.40	D.178.94	5959624.04	5485377.16	17.89
D.178.163D	5959521.66	5485339.68	17.42	D.178.93	5959619.74	5485400.35	17.83
D.178.162D	5959526.30	5485338.25	17.38	D.178.92	5959614.88	5485422.24	17.65
D.178.161D	5959529.28	5485334.68	17.57	D.178.91	5959609.97	5485444.00	17.44

FOTOKART Sp. z o.o.  
GEODETA

mgr inż. Magdalena Melbinger



NR [-]	X [m]	Y [m]	Z [m]
D.178.90	5959607.81	5485459.38	17.27
D.178.89	5959583.32	5485451.88	17.20
D.178.88	5959586.87	5485437.74	17.58
D.178.87	5959590.77	5485423.77	17.64
D.178.86	5959593.96	5485406.08	17.69
D.178.85	5959598.00	5485385.63	17.61
D.178.84	5959599.68	5485367.16	17.483
D.178.83	5959569.35	5485381.37	17.504
D.178.82	5959569.81	5485397.52	17.52
D.178.81	5959569.14	5485413.20	17.46
D.178.80	5959564.10	5485426.70	17.73
D.178.79	5959565.83	5485446.61	17.48
D.178.78	5959539.74	5485437.85	17.87
D.178.77	5959544.43	5485423.25	17.81
D.178.76	5959547.29	5485400.87	17.91
D.178.75	5959518.02	5485413.61	17.52
D.178.74	5959516.25	5485431.53	17.56
D.178.73	5959487.52	5485428.41	17.59
D.178.72D	5959488.02	5485446.91	17.63
D.178.71D	5959498.53	5485448.13	17.55
D.178.70D	5959501.86	5485448.10	17.55
D.178.69D	5959514.75	5485448.99	17.62
D.178.68D	5959520.02	5485450.45	17.67
D.178.67D	5959529.33	5485454.81	17.96
D.178.66D	5959533.15	5485453.23	17.87
D.178.65D	5959540.77	5485455.25	17.82
D.178.64D	5959543.87	5485456.41	17.61
D.178.63D	5959542.78	5485461.73	17.43
D.178.62D	5959541.43	5485470.46	17.34
D.178.61D	5959536.59	5485475.37	17.43
D.178.60D	5959532.77	5485478.17	17.48
D.178.59D	5959519.88	5485477.08	17.73
D.178.58D	5959517.36	5485473.96	17.80
D.171.57	5959507.58	5485481.23	17.63
D.178.56D	5959511.84	5485471.50	17.68
D.178.55D	5959510.97	5485468.95	18.12
D.178.54D	5959506.30	5485467.53	18.25
D.178.53D	5959504.60	5485471.02	17.57
D.178.52D	5959502.79	5485471.90	17.55
D.178.51D	5959490.13	5485471.50	17.84
D.178.50D	5959489.94	5485472.29	17.84
D.171.49	5959489.84	5485484.91	17.80
D.171.48	5959489.01	5485500.96	17.68
D.171.47	5959488.94	5485514.17	17.47
D.171.46	5959488.77	5485517.92	17.61
D.171.45	5959536.76	5485529.61	16.79
D.171.44	5959520.69	5485525.05	16.92
D.171.43	5959498.27	5485520.08	17.23
D.171.42	5959499.52	5485520.41	17.31
D.171.41	5959502.04	5485505.41	17.52
D.171.40	5959511.32	5485516.71	17.08
D.171.39	5959513.55	5485507.75	17.19
D.171.38	5959521.98	5485519.46	17.04
D.171.37	5959522.23	5485518.65	17.24
D.171.36	5959526.50	5485510.76	17.25
D.171.35	5959542.00	5485513.27	17.22
D.171.34	5959540.07	5485526.14	17.31
D.171.33	5959540.09	5485527.47	16.84
D.171.32	5959549.05	5485531.42	17.31
D.171.31	5959550.62	5485526.51	17.39
D.171.30	5959551.09	5485525.02	17.17
D.171.29	5959553.51	5485516.81	17.18
D.171.28	5959575.13	5485521.51	17.65
D.171.27	5959572.22	5485536.10	17.70
D.171.26	5959596.75	5485540.76	17.65
D.171.25	5959599.65	5485526.39	17.68
D.171.24	5959624.79	5485531.85	17.20
D.171.23	5959623.11	5485536.75	17.32
D.171.22	5959621.74	5485544.81	17.48
D.171.21	5959646.22	5485550.59	18.23

NR [-]	X [m]	Y [m]	Z [m]
D.171.20	5959648.59	5485535.50	18.53
D.171.19	5959673.16	5485539.35	18.69
D.171.18	5959671.27	5485553.58	18.68
D.171.17	5959683.23	5485555.41	18.40
D.171.16	5959684.55	5485540.08	18.41
D.171.15	5959698.41	5485542.66	18.72
D.171.14	5959696.12	5485557.51	18.52
D.171.13	5959721.45	5485560.74	19.17
D.171.12	5959723.17	5485546.31	19.425
D.171.11	5959746.84	5485548.78	19.877
D.171.10	5959746.25	5485563.33	19.70
D.171.9	5959768.96	5485565.08	19.63
D.171.8	5959769.47	5485558.41	19.53
D.171.7	5959774.88	5485562.94	19.37
D.171.6	5959779.27	5485555.99	19.59
D.171.5	5959777.36	5485544.83	20.11
D.171.4	5959769.52	5485541.48	20.21
D.171.3	5959770.28	5485538.72	20.32
D.171.2	5959757.91	5485531.03	20.15
D.171.1	5959749.64	5485531.44	20.11

FOTOKART Sp. z o.o.  
GEODETA

mgr inż. Magdalena Maksinger