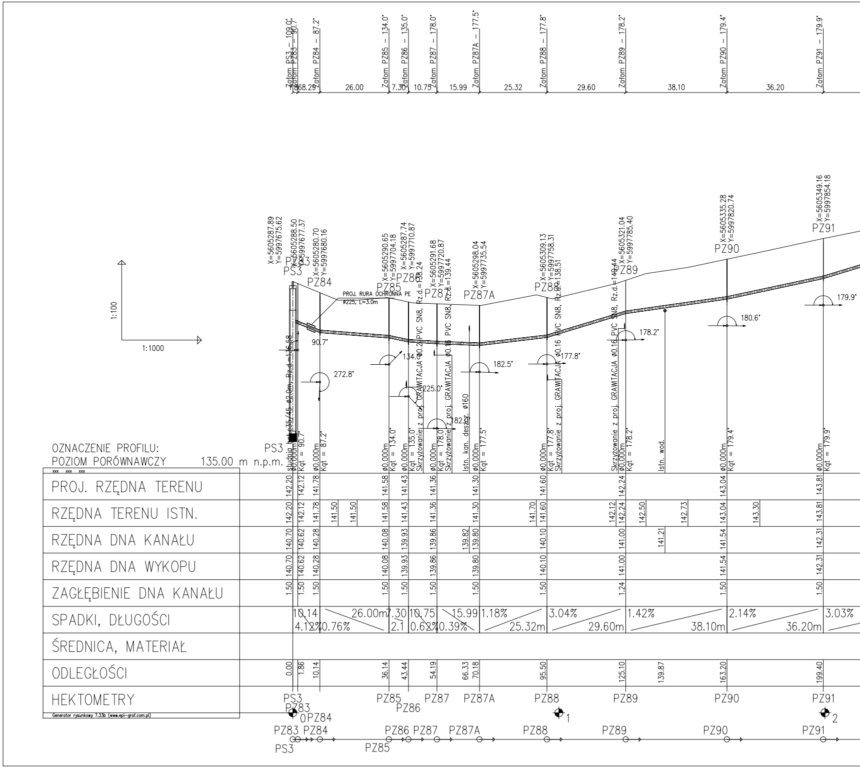
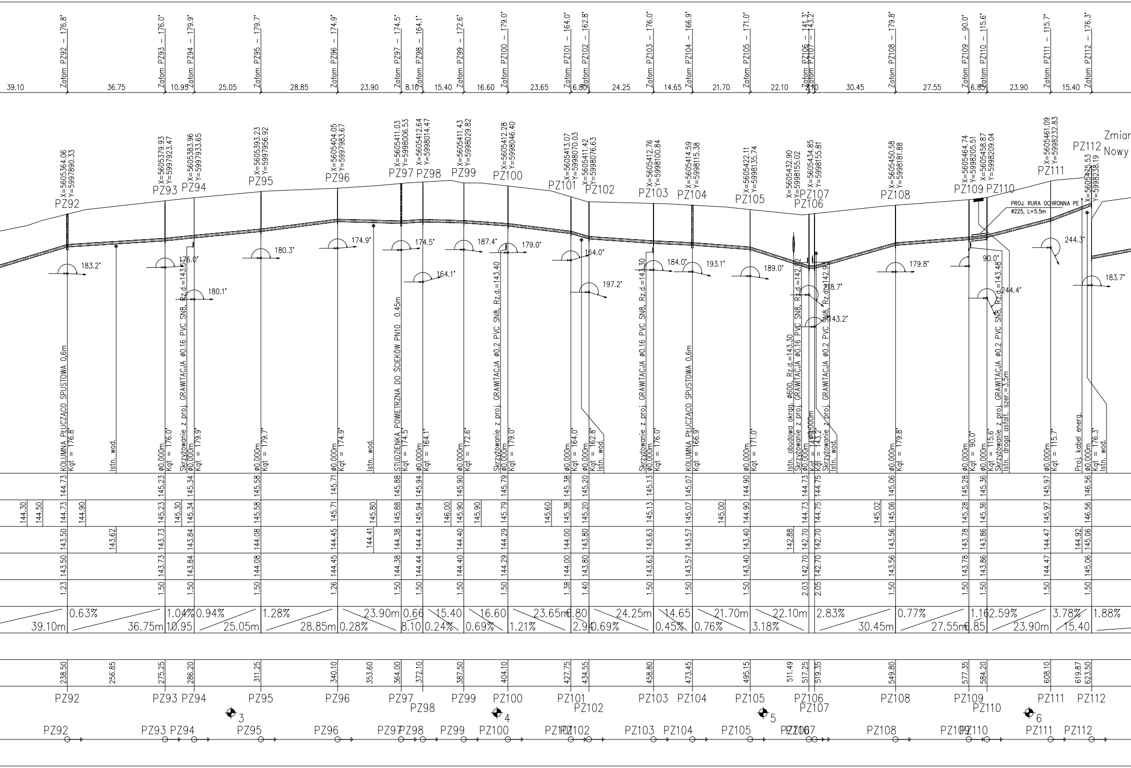
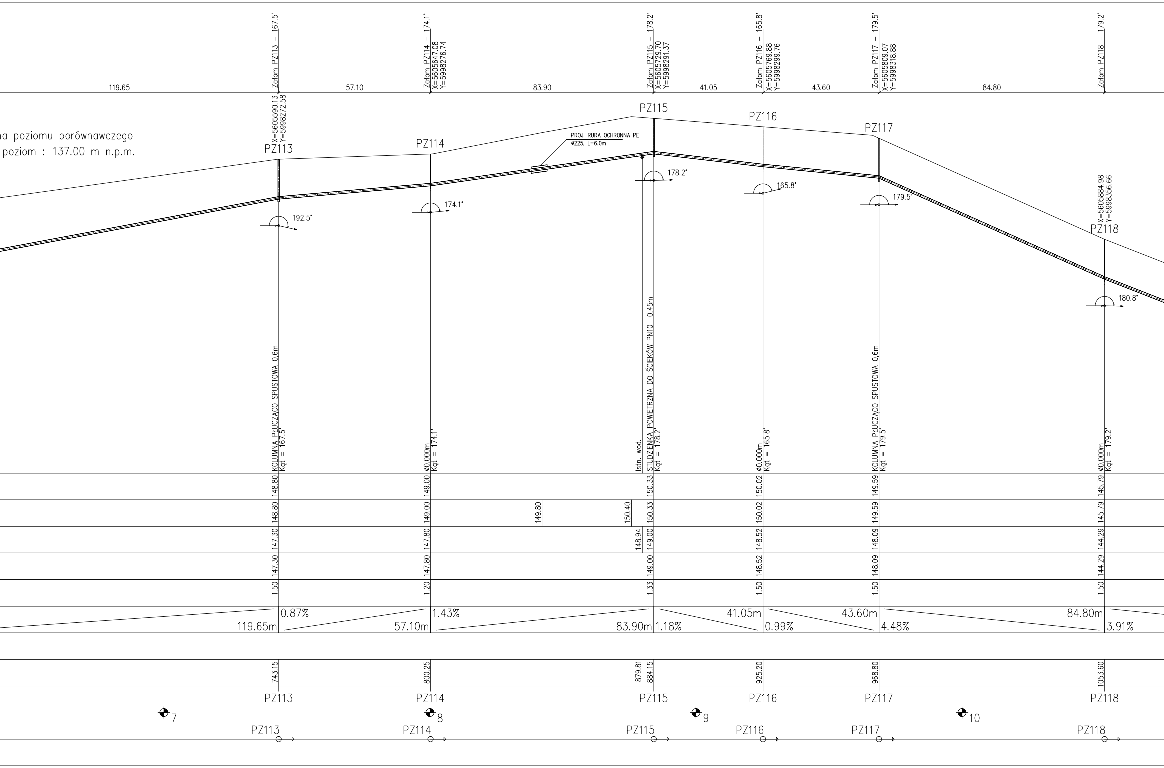
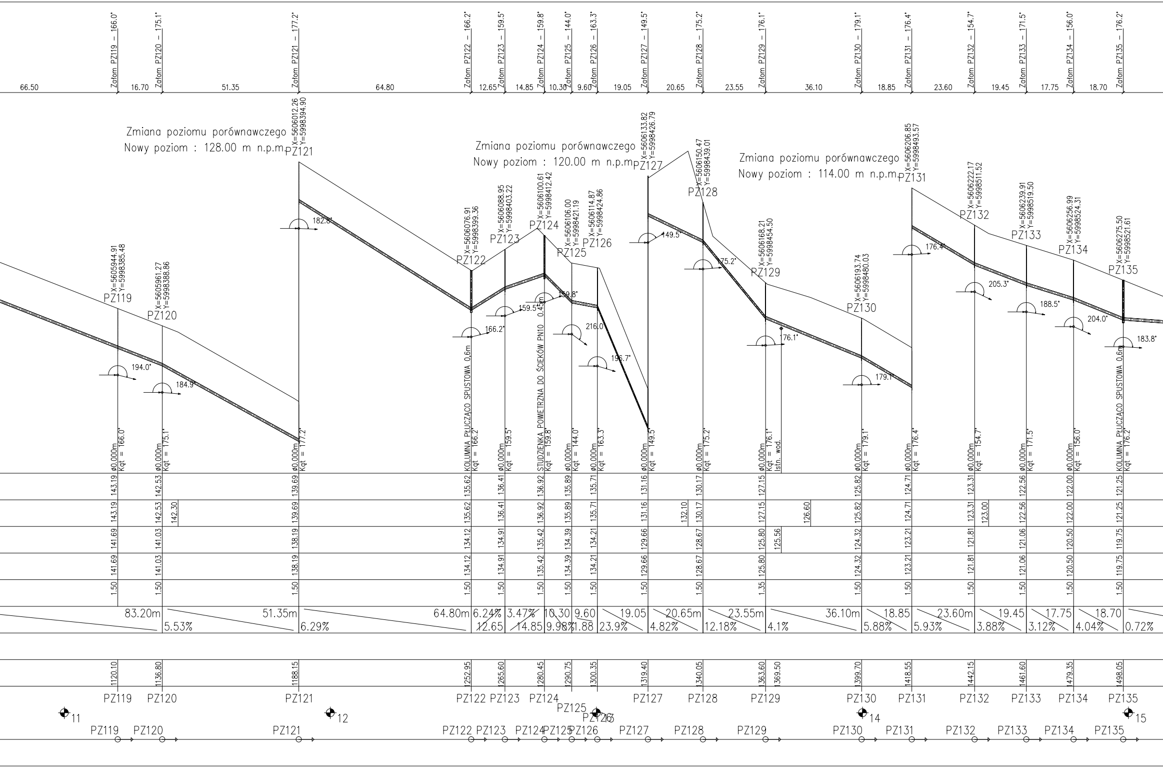

Załom PS3 – 109.0°
Załom PZ83 – 90.7°
Załom PZ84 – 87.2°
Załom PZ85 – 134.0°
Załom PZ86 – 135.0°
Załom PZ87 – 178.0°
Załom PZ87A – 177.5°
Załom PZ88 – 177.8°
Załom PZ89 – 178.2°
Załom PZ90 – 179.4°
Załom PZ91 – 179.9°
1:100
1:1000
PROJ. RURA OCHRONNA PE
ø225, L=3.0m
PS3
PZ83
PZ84
PZ85
PZ86
PZ87
PZ87A
PZ88
PZ89
PZ90
PZ91
X=5605287.89 Y=5997675.62
X=5605288.50 Y=5997677.37
X=5605280.70 Y=5997680.16
X=5605290.65 Y=5997704.18
X=5605287.74 Y=5997710.87
X=5605291.68 Y=5997720.87
X=5605298.04 Y=5997735.54
X=5605309.13 Y=5997758.31
X=5605321.04 Y=5997785.40
X=5605335.28 Y=5997820.74
X=5605349.16 Y=5997854.18
Skrzyżowanie z proj. GRAWITACJA ø0.20 PVC SN8, Rz.d.=138.24
Skrzyżowanie z proj. GRAWITACJA ø0.16 PVC SN8, Rz.d.=139.44
Skrzyżowanie z proj. GRAWITACJA ø0.16 PVC SN8, Rz.d.=138.51
Skrzyżowanie z proj. GRAWITACJA ø0.16 PVC SN8, Rz.d.=140.44
Istn. kan. deszcz. ø160
Istn. wod.
OZNACZENIE PROFILU:
POZIOM PORÓWNAWCZY 135.00 m n.p.m.
PROJ. RZĘDNA TERENU
RZĘDNA TERENU ISTN.
RZĘDNA DNA KANAŁU
RZĘDNA DNA WYKOPU
ZAGŁĘBIENIE DNA KANAŁU
SPADKI, DŁUGOŚCI
ŚREDNICA, MATERIAŁ
ODLEGŁOŚCI
HEKTOMETRY
Generator rysunkowy 7.33b (www.epi-graf.com.pl)

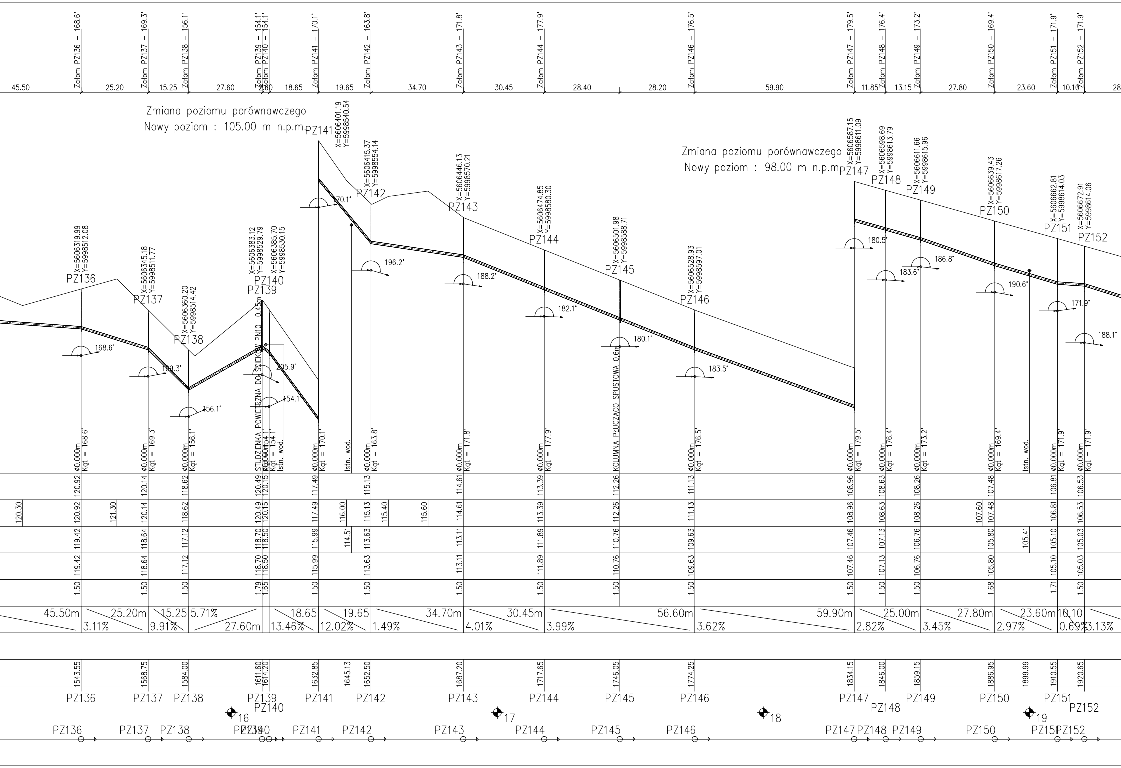


Załom PZ92 – 176.8°
Załom PZ93 – 176.0°
Załom PZ94 – 179.9°
Załom PZ95 – 179.7°
Załom PZ96 – 174.9°
Załom PZ97 – 174.5°
Załom PZ98 – 164.1°
Załom PZ99 – 172.6°
Załom PZ100 – 179.0°
Załom PZ101 – 164.0°
Załom PZ102 – 162.8°
Załom PZ103 – 176.0°
Załom PZ104 – 166.9°
Załom PZ105 – 171.0°
Załom PZ106 – 141.3°
Załom PZ107 – 143.2°
Załom PZ108 – 179.8°
Załom PZ109 – 90.0°
Załom PZ110 – 115.6°
Załom PZ111 – 115.7°
Załom PZ112 – 176.3°
39.10
36.75
10.95
25.05
28.85
23.90
8.10
15.40
16.60
23.65
6.80
24.25
14.65
21.70
22.10
2.10
30.45
27.55
6.85
23.90
15.40
PZ92 X=5605364.06 Y=5997890.33
PZ93 X=5605379.93 Y=5997923.47
PZ94 X=5605383.96 Y=5997933.65
PZ95 X=5605393.23 Y=5997956.92
PZ96 X=5605404.05 Y=5997983.67
PZ97 X=5605411.03 Y=5998006.53
PZ98 X=5605412.64 Y=5998014.47
PZ99 X=5605411.43 Y=5998029.82
PZ100 X=5605412.28 Y=5998046.40
PZ101 X=5605413.07 Y=5998070.03
PZ102 X=5605411.42 Y=5998076.63
PZ103 X=5605412.76 Y=5998100.84
PZ104 X=5605414.59 Y=5998115.38
PZ105 X=5605422.11 Y=5998135.74
PZ106 X=5605432.90 Y=5998155.02
PZ107 X=5605434.85 Y=5998155.81
PZ108 X=5605450.58 Y=5998181.88
PZ109 X=5605464.74 Y=5998205.51
PZ110 X=5605458.87 Y=5998209.04
PZ111 X=5605461.09 Y=5998232.83
PZ112 X=5605475.53 Y=5998238.19
Zmian
Nowy
PROJ. RURA OCHRONNA PE
ø225, L=5.5m
183.2°
176.0°
180.1°
180.3°
174.9°
174.5°
164.1°
187.4°
179.0°
164.0°
197.2°
184.0°
193.1°
189.0°
218.7°
143.2°
179.8°
90.0°
244.4°
244.3°
183.7°
KOLUMNA PŁUCZĄCO SPUSTOWA 0,6m
Kąt = 176.8°
Istn. wod.
ø0.000m
Kąt = 176.0°
Skrzyżowanie z proj. GRAWITACJA ø0.16 PVC SN8, Rz.d.=143.65
ø0.000m
Kąt = 179.9°
ø0.000m
Kąt = 179.7°
ø0.000m
Kąt = 174.9°
Istn. wod.
STUDZIENKA POWIETRZNA DO ŚCIEKÓW PN10 0.45m
Kąt = 174.5°
ø0.000m
Kąt = 164.1°
ø0.000m
Kąt = 172.6°
Skrzyżowanie z proj. GRAWITACJA ø0.2 PVC SN8, Rz.d.=143.40
ø0.000m
Kąt = 179.0°
ø0.000m
Kąt = 164.0°
ø0.000m
Kąt = 162.8°
Istn. wod.
Skrzyżowanie z proj. GRAWITACJA ø0.16 PVC SN8, Rz.d.=143.30
ø0.000m
Kąt = 176.0°
KOLUMNA PŁUCZĄCO SPUSTOWA 0,6m
Kąt = 166.9°
ø0.000m
Kąt = 171.0°
Istn. obudowa okrąg. ø600, Rz.d.=143.30
Skrzyżowanie z proj. GRAWITACJA ø0.16 PVC SN8, Rz.d.=142.82
ø0.000m
Kąt = 141.3°
Skrzyżowanie z proj. GRAWITACJA ø0.2 PVC SN8, Rz.d.=142.93
ø0.000m
Kąt = 143.2°
Istn. wod.
ø0.000m
Kąt = 179.8°
ø0.000m
Kąt = 90.0°
ø0.000m
Kąt = 115.6°
Skrzyżowanie z proj. GRAWITACJA ø0.2 PVC SN8, Rz.d.=143.48
Istn. droga asfalt. szer.=3.5m
ø0.000m
Kąt = 115.7°
Proj. kabel energ.
ø0.000m
Kąt = 176.3°
Istn. wod.
144.73 145.23 145.34 145.58 145.71 145.88 145.94 145.90 145.79 145.38 145.20 145.13 145.07 144.90 144.73 144.75 145.06 145.28 145.36 145.97 146.56
144.30 144.50 144.73 144.90 145.23 145.30 145.34 145.58 145.71 145.80 145.88 145.94 146.00 145.90 145.90 145.79 145.60 145.38 145.20 145.13 145.07 145.00 144.90 144.73 144.75 145.02 145.06 145.28 145.36 145.97 146.56
143.50 143.62 143.73 143.84 144.08 144.45 144.41 144.38 144.44 144.40 144.29 144.00 143.80 143.63 143.57 143.40 142.88 142.70 142.70 143.56 143.78 143.86 144.47 144.92 145.06
143.50 143.73 143.84 144.08 144.45 144.38 144.44 144.40 144.29 144.00 143.80 143.63 143.57 143.40 142.70 142.70 143.56 143.78 143.86 144.47 145.06
1.23 1.50 1.50 1.50 1.26 1.50 1.50 1.50 1.50 1.38 1.40 1.50 1.50 1.50 2.03 2.05 1.50 1.50 1.50 1.50 1.50
0.63% 39.10m
1.04% 36.75m
0.94% 10.95
1.28% 25.05m
28.85m
0.28% 23.90m
0.66 8.10
0.24% 15.40
0.69% 16.60
1.21% 23.65m
6.80 2.94
0.69% 24.25m
0.45% 14.65
0.76% 21.70m
3.18% 22.10m
2.83% 30.45m
0.77% 27.55m
1.16 6.85
2.59% 23.90m
3.78% 15.40
1.88%
238.50 256.85 275.25 286.20 311.25 340.10 353.60 364.00 372.10 387.50 404.10 427.75 434.55 458.80 473.45 495.15 511.49 517.25 519.35 549.80 577.35 584.20 608.10 619.87 623.50
PZ92 PZ93 PZ94 PZ95 PZ96 PZ97 PZ98 PZ99 PZ100 PZ101 PZ102 PZ103 PZ104 PZ105 PZ106 PZ107 PZ108 PZ109 PZ110 PZ111 PZ112
3
4
5
6
PZ92 PZ93 PZ94 PZ95 PZ96 PZ97 PZ98 PZ99 PZ100 PZ101 PZ102 PZ103 PZ104 PZ105 PZ106 PZ107 PZ108 PZ109 PZ110 PZ111 PZ112



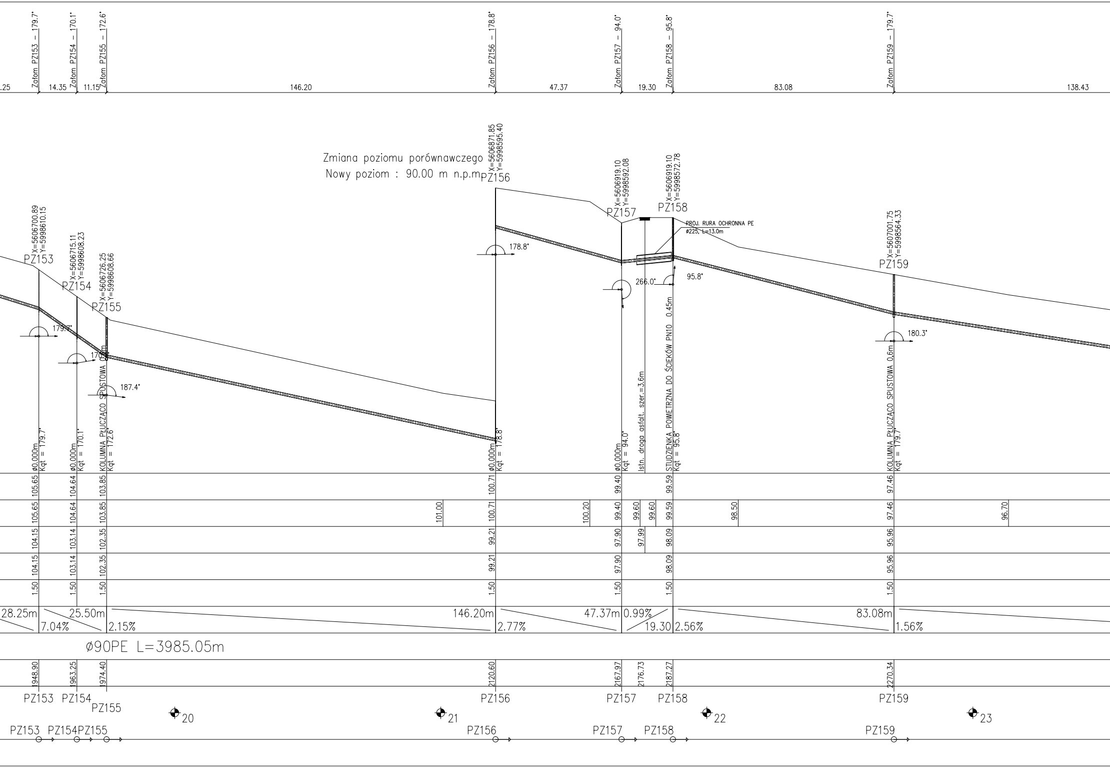
119.65
Załom PZ113 – 167.5°
57.10
Załom PZ114 – 174.1°
X=5605647.08
Y=5998276.74
83.90
Załom PZ115 – 178.2°
X=5605729.70
Y=5998291.37
41.05
Załom PZ116 – 165.8°
X=5605769.88
Y=5998299.76
43.60
Załom PZ117 – 179.5°
X=5605809.07
Y=5998318.88
84.80
Załom PZ118 – 179.2°
na poziomu porównawczego
poziom : 137.00 m n.p.m.
X=5605590.13
Y=5998272.58
PZ113
PZ114
PZ115
PZ116
PZ117
X=5605884.98
Y=5998356.66
PZ118
PROJ. RURA OCHRONNA PE
ø225, L=6.0m
192.5°
174.1°
178.2°
165.8°
179.5°
180.8°
KOLUMNA PŁUCZĄCO SPUSTOWA 0,6m
Kqt = 167.5°
ø0,000m
Kqt = 174.1°
Istn. wod.
STUDZIENKA POWIETRZNA DO ŚCIEKÓW PN10 0.45m
Kqt = 178.2°
ø0,000m
Kqt = 165.8°
KOLUMNA PŁUCZĄCO SPUSTOWA 0,6m
Kqt = 179.5°
ø0,000m
Kqt = 179.2°
148.80
149.00
150.33
150.02
149.59
145.79
148.80
149.00
149.80
150.40
150.33
150.02
149.59
145.79
147.30
147.80
148.94
149.00
148.52
148.09
144.29
147.30
147.80
149.00
148.52
148.09
144.29
1.50
1.20
1.33
1.50
1.50
1.50
119.65m
0.87%
57.10m
1.43%
83.90m
1.18%
41.05m
0.99%
43.60m
4.48%
84.80m
3.91%
743.15
800.25
879.81
884.15
925.20
968.80
1053.60
PZ113
PZ114
PZ115
PZ116
PZ117
PZ118
7
8
9
10
PZ113
PZ114
PZ115
PZ116
PZ117
PZ118


Zmiana poziomu porównawczego
Nowy poziom : 128.00 m n.p.m.
Zmiana poziomu porównawczego
Nowy poziom : 120.00 m n.p.m.
Zmiana poziomu porównawczego
Nowy poziom : 114.00 m n.p.m.
66.50
Załom PZ119 – 166.0°
16.70
Załom PZ120 – 175.1°
51.35
Załom PZ121 – 177.2°
64.80
Załom PZ122 – 166.2°
12.65
Załom PZ123 – 159.5°
14.85
Załom PZ124 – 159.8°
10.30
Załom PZ125 – 144.0°
9.60
Załom PZ126 – 163.3°
19.05
Załom PZ127 – 149.5°
20.65
Załom PZ128 – 175.2°
23.55
Załom PZ129 – 176.1°
36.10
Załom PZ130 – 179.1°
18.85
Załom PZ131 – 176.4°
23.60
Załom PZ132 – 154.7°
19.45
Załom PZ133 – 171.5°
17.75
Załom PZ134 – 156.0°
18.70
Załom PZ135 – 176.2°
PZ119 X=5605944.91 Y=5998385.48
PZ120 X=5605961.27 Y=5998388.86
PZ121 X=5606012.26 Y=5998394.90
PZ122 X=5606076.91 Y=5998399.36
PZ123 X=5606088.95 Y=5998403.22
PZ124 X=5606100.61 Y=5998412.42
PZ125 X=5606106.00 Y=5998421.19
PZ126 X=5606114.87 Y=5998424.86
PZ127 X=5606133.82 Y=5998426.79
PZ128 X=5606150.47 Y=5998439.01
PZ129 X=5606168.21 Y=5998454.50
PZ130 X=5606193.74 Y=5998480.03
PZ131 X=5606206.85 Y=5998493.57
PZ132 X=5606222.17 Y=5998511.52
PZ133 X=5606239.91 Y=5998519.50
PZ134 X=5606256.99 Y=5998524.31
PZ135 X=5606275.50 Y=5998521.61
194.0°
184.9°
182.8°
166.2°
159.5°
159.8°
216.0°
196.7°
149.5°
175.2°
176.1°
179.1°
176.4°
205.3°
188.5°
204.0°
183.8°
0.45m
KOLUMNA PŁUCZĄCO SPUSTOWA 0.6m
STUDZIENKA POWIETRZNA DO ŚCIEKÓW PN10
KOLUMNA PŁUCZĄCO SPUSTOWA 0.6m
ø0.000m Kąt = 166.0°
ø0.000m Kąt = 175.1°
ø0.000m Kąt = 177.2°
Kąt = 166.2°
ø0.000m Kąt = 159.5°
Kąt = 159.8°
ø0.000m Kąt = 144.0°
ø0.000m Kąt = 163.3°
ø0.000m Kąt = 149.5°
ø0.000m Kąt = 175.2°
ø0.000m Kąt = 176.1° Istn. wod.
ø0.000m Kąt = 179.1°
ø0.000m Kąt = 176.4°
ø0.000m Kąt = 154.7°
ø0.000m Kąt = 171.5°
ø0.000m Kąt = 156.0°
Kąt = 176.2°
143.19 143.19 141.69 141.69 1.50
142.53 142.53 141.03 141.03 1.50
142.30
139.69 139.69 138.19 138.19 1.50
135.62 135.62 134.12 134.12 1.50
136.41 136.41 134.91 134.91 1.50
136.92 136.92 135.42 135.42 1.50
135.89 135.89 134.39 134.39 1.50
135.71 135.71 134.21 134.21 1.50
131.16 131.16 129.66 129.66 1.50
132.10
130.17 130.17 128.67 128.67 1.50
127.15 127.15 125.80 125.80 1.35
125.56
126.60
125.82 125.82 124.32 124.32 1.50
124.71 124.71 123.21 123.21 1.50
123.31 123.31 121.81 121.81 1.50
123.00
122.56 122.56 121.06 121.06 1.50
122.00 122.00 120.50 120.50 1.50
121.25 121.25 119.75 119.75 1.50
83.20m 5.53%
51.35m 6.29%
64.80m
6.24% 12.65
3.47% 14.85
10.30 9.98%
9.60 1.88
19.05 23.9%
20.65m 4.82%
23.55m 12.18%
4.1%
36.10m 5.88%
18.85 5.93%
23.60m 3.88%
19.45 3.12%
17.75 4.04%
18.70 0.72%
1120.10
1136.80
1188.15
1252.95
1265.60
1280.45
1290.75
1300.35
1319.40
1340.05
1363.60
1369.50
1399.70
1418.55
1442.15
1461.60
1479.35
1498.05
PZ119 PZ120 PZ121 PZ122 PZ123 PZ124 PZ125 PZ126 PZ127 PZ128 PZ129 PZ130 PZ131 PZ132 PZ133 PZ134 PZ135
11
12
13
14
15

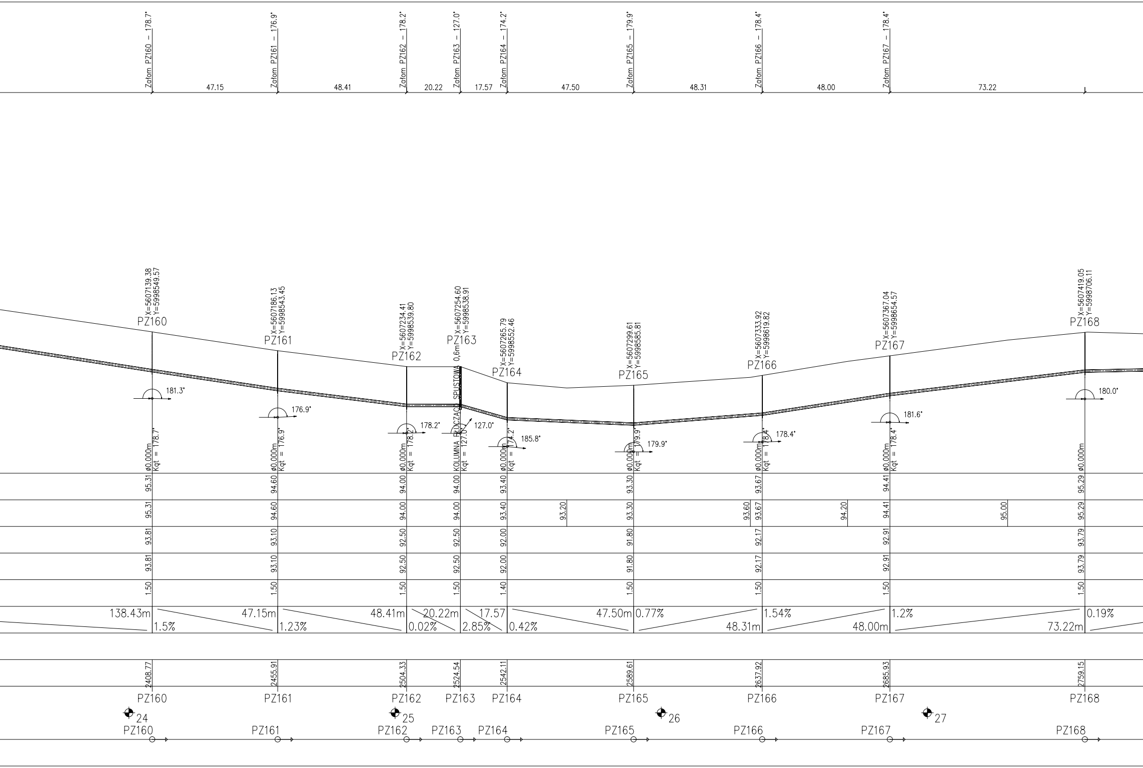


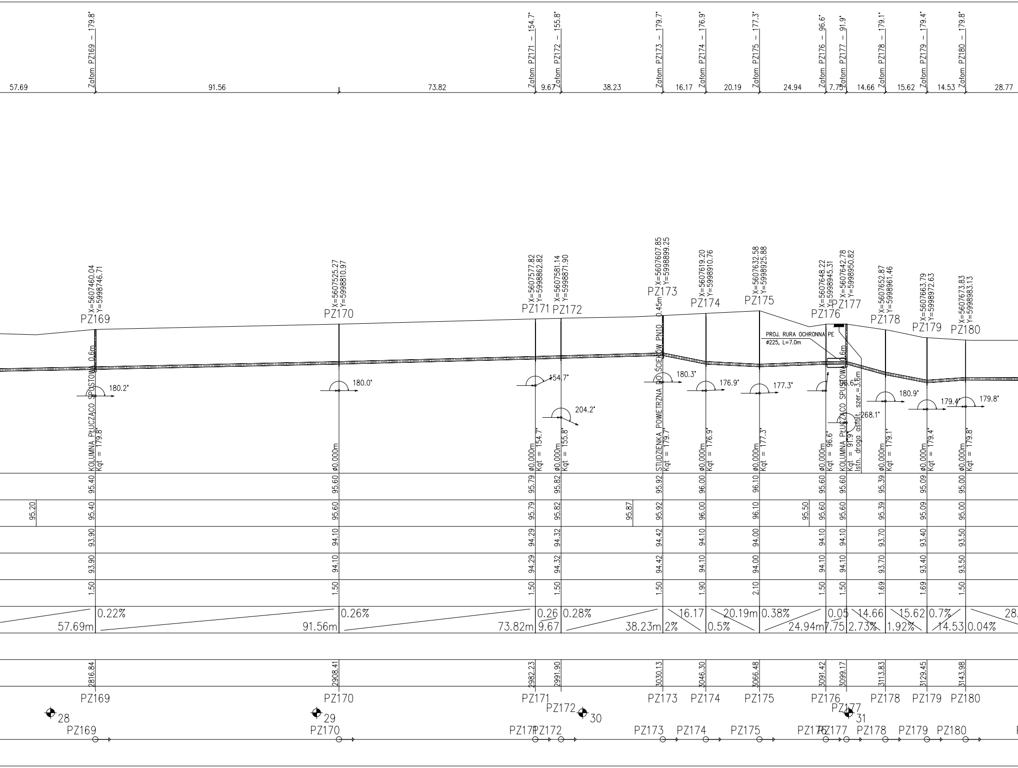
Załom PZ136 – 168.6°
Załom PZ137 – 169.3°
Załom PZ138 – 156.1°
Załom PZ139 – 154.1°
Załom PZ140 – 154.1°
Załom PZ141 – 170.1°
Załom PZ142 – 163.8°
Załom PZ143 – 171.8°
Załom PZ144 – 177.9°
Załom PZ146 – 176.5°
Załom PZ147 – 179.5°
Załom PZ148 – 176.4°
Załom PZ149 – 173.2°
Załom PZ150 – 169.4°
Załom PZ151 – 171.9°
Załom PZ152 – 171.9°
45.50
25.20
15.25
27.60
2.60
18.65
19.65
34.70
30.45
28.40
28.20
59.90
11.85
13.15
27.80
23.60
10.10
28
Zmiana poziomu porównawczego
Nowy poziom : 105.00 m n.p.m.
Zmiana poziomu porównawczego
Nowy poziom : 98.00 m n.p.m.
PZ136 X=5606319.99 Y=5998512.08
PZ137 X=5606345.18 Y=5998511.77
PZ138 X=5606360.20 Y=5998514.42
PZ139 X=5606383.12 Y=5998529.79
PZ140 X=5606385.70 Y=5998530.15
PZ141 X=5606401.19 Y=5998540.54
PZ142 X=5606415.37 Y=5998554.14
PZ143 X=5606446.13 Y=5998570.21
PZ144 X=5606474.85 Y=5998580.30
PZ145 X=5606501.98 Y=5998588.71
PZ146 X=5606528.93 Y=5998597.01
PZ147 X=5606587.15 Y=5998611.09
PZ148 X=5606598.69 Y=5998613.79
PZ149 X=5606611.66 Y=5998615.96
PZ150 X=5606639.43 Y=5998617.26
PZ151 X=5606662.81 Y=5998614.03
PZ152 X=5606672.91 Y=5998614.06
168.6°
169.3°
156.1°
205.9°
154.1°
170.1°
196.2°
188.2°
182.1°
180.1°
183.5°
180.5°
183.6°
186.8°
190.6°
171.9°
188.1°
STUDZIENKA POWIETRZNA DO ŚCIEKÓW PN10 0.45m
KOLUMNA PŁUCZĄCO SPUSTOWA 0.6m
45.50m 3.11%
25.20m 9.91%
15.25 5.71%
27.60m 13.46%
18.65 12.02%
19.65 1.49%
34.70m 4.01%
30.45m 3.99%
56.60m 3.62%
59.90m 2.82%
25.00m 3.45%
27.80m 2.97%
23.60m 0.69%
10.10 3.13%
16
17
18
19
PZ136 PZ137 PZ138 PZ139 PZ140 PZ141 PZ142 PZ143 PZ144 PZ145 PZ146 PZ147 PZ148 PZ149 PZ150 PZ151 PZ152

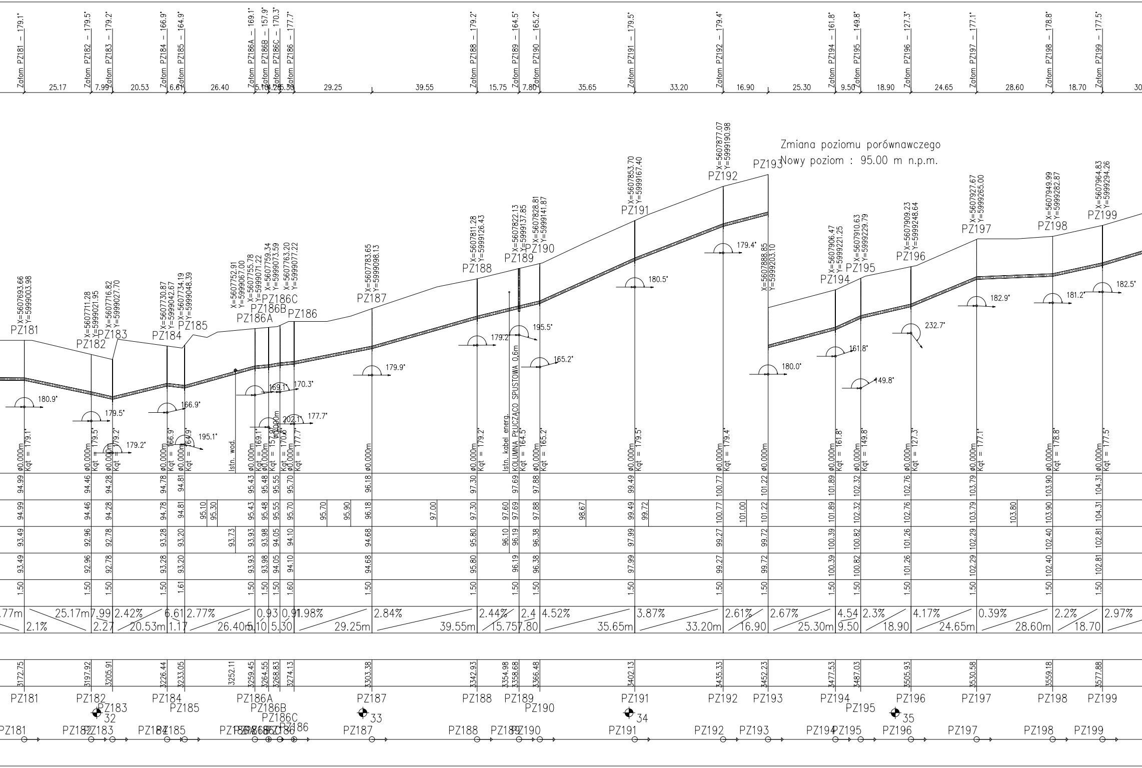
	ø0.000m Kqt = 168.6°		ø0.000m Kqt = 169.3°	ø0.000m Kqt = 156.1°	ø0.000m	ø0.000m Kqt = 154.1° Istn. wod.	ø0.000m Kqt = 170.1°	Istn. wod.	ø0.000m Kqt = 163.8°			ø0.000m Kqt = 171.8°	ø0.000m Kqt = 177.9°		ø0.000m Kqt = 176.5°	ø0.000m Kqt = 179.5°	ø0.000m Kqt = 176.4°	ø0.000m Kqt = 173.2°		ø0.000m Kqt = 169.4°	Istn. wod.	ø0.000m Kqt = 171.9°	ø0.000m Kqt = 171.9°
	120.92		120.14	118.62	120.49	120.15	117.49		115.13			114.61	113.39	112.26	111.13	108.96	108.63	108.26		107.48		106.81	106.53
120.30	120.92	121.30	120.14	118.62	120.49	120.15	117.49	116.00	115.13	115.40	115.60	114.61	113.39	112.26	111.13	108.96	108.63	108.26	107.60	107.48		106.81	106.53
	119.42		118.64	117.12	118.70	118.50	115.99	114.51	113.63			113.11	111.89	110.76	109.63	107.46	107.13	106.76		105.80	105.41	105.10	105.03
	119.42		118.64	117.12	118.70	118.50	115.99		113.63			113.11	111.89	110.76	109.63	107.46	107.13	106.76		105.80		105.10	105.03
	1.50		1.50	1.50	1.79	1.65	1.50		1.50			1.50	1.50	1.50	1.50	1.50	1.50	1.50		1.68		1.71	1.50
	1543.55		1568.75	1584.00	1611.60	1614.20	1632.85	1645.13	1652.50			1687.20	1717.65	1746.05	1774.25	1834.15	1846.00	1859.15		1886.95	1899.99	1910.55	1920.65
	PZ136		PZ137	PZ138	PZ139	PZ140	PZ141		PZ142			PZ143	PZ144	PZ145	PZ146	PZ147	PZ148	PZ149		PZ150		PZ151	PZ152

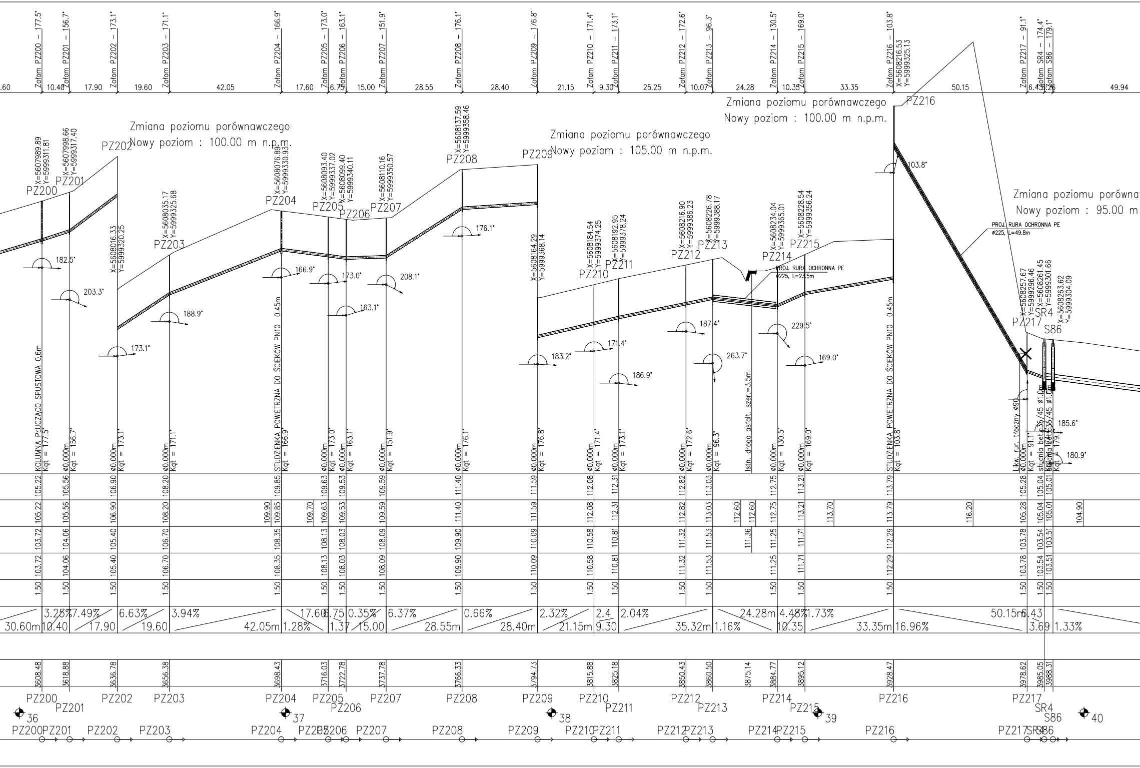


.25
Załom PZ153 – 179.7°
14.35
Załom PZ154 – 170.1°
11.15
Załom PZ155 – 172.6°
146.20
Załom PZ156 – 178.8°
47.37
Załom PZ157 – 94.0°
19.30
Załom PZ158 – 95.8°
83.08
Załom PZ159 – 179.7°
138.43
Zmiana poziomu porównawczego
Nowy poziom : 90.00 m n.p.m
X=5606871.85 Y=5998595.40 PZ156
X=5606919.10 Y=5998592.08 PZ157
X=5606919.10 Y=5998572.78 PZ158
PROJ. RURA OCHRONNA PE ø225, L=13.0m
X=5606700.89 Y=5998610.15 PZ153
X=5606715.11 Y=5998608.23 PZ154
X=5606726.25 Y=5998608.66 PZ155
X=5607001.75 Y=5998564.33 PZ159
178.8°
266.0°
95.8°
179.7°
170.1°
187.4°
180.3°
KOLUMNA PŁUCZĄCO SPUSTOWA 0.6m
STUDZIENKA POWIETRZNA DO ŚCIEKÓW PN10 0.45m
Istn. droga asfalt. szer.=3.6m
KOLUMNA PŁUCZĄCO SPUSTOWA 0.6m
ø0.000m Kąt = 179.7°
ø0.000m Kąt = 170.1°
Kąt = 172.6°
ø0.000m Kąt = 178.8°
ø0.000m Kąt = 94.0°
Kąt = 95.8°
Kąt = 179.7°
105.65 104.64 103.85 100.71 99.40 99.59 97.46
105.65 104.64 103.85 101.00 100.71 100.20 99.40 99.60 99.60 99.59 98.50 97.46 96.70
104.15 103.14 102.35 99.21 97.90 97.99 98.09 95.96
104.15 103.14 102.35 99.21 97.90 98.09 95.96
1.50 1.50 1.50 1.50 1.50 1.50 1.50
28.25m 7.04% 25.50m 2.15% 146.20m 2.77% 47.37m 0.99% 19.30 2.56% 83.08m 1.56%
ø90PE L=3985.05m
1948.90 1963.25 1974.40 2120.60 2167.97 2176.73 2187.27 2270.34
PZ153 PZ154 PZ155 PZ156 PZ157 PZ158 PZ159
20 21 22 23
PZ153 PZ154 PZ155 PZ156 PZ157 PZ158 PZ159


Załom PZ160 – 178.7°
Załom PZ161 – 176.9°
Załom PZ162 – 178.2°
Załom PZ163 – 127.0°
Załom PZ164 – 174.2°
Załom PZ165 – 179.9°
Załom PZ166 – 178.4°
Załom PZ167 – 178.4°
47.15
48.41
20.22
17.57
47.50
48.31
48.00
73.22
PZ160 X=5607139.38 Y=5998549.57
PZ161 X=5607186.13 Y=5998543.45
PZ162 X=5607234.41 Y=5998539.80
PZ163 X=5607254.60 Y=5998538.91
0,6m KOLUMNA PŁUCZĄCO-SPUSTOWA
PZ164 X=5607265.79 Y=5998552.46
PZ165 X=5607299.61 Y=5998585.81
PZ166 X=5607333.92 Y=5998619.82
PZ167 X=5607367.04 Y=5998654.57
PZ168 X=5607419.05 Y=5998706.11
181.3°
176.9°
178.2°
127.0°
185.8°
179.9°
178.4°
181.6°
180.0°
ø0.000m Kąt = 178.7°
ø0.000m Kąt = 176.9°
ø0.000m Kąt = 178.2°
Kąt = 127.0°
ø0.000m Kąt = 174.2°
ø0.000m Kąt = 179.9°
ø0.000m Kąt = 178.4°
ø0.000m Kąt = 178.4°
ø0.000m
95.31 94.60 94.00 94.00 93.40 93.30 93.67 94.41 95.29
95.31 94.60 94.00 94.00 93.40 93.20 93.30 93.60 93.67 94.20 94.41 95.00 95.29
93.81 93.10 92.50 92.50 92.00 91.80 92.17 92.91 93.79
93.81 93.10 92.50 92.50 92.00 91.80 92.17 92.91 93.79
1.50 1.50 1.50 1.50 1.40 1.50 1.50 1.50 1.50
138.43m 1.5%
47.15m 1.23%
48.41m 0.02%
20.22m 2.85%
17.57 0.42%
47.50m 0.77%
48.31m 1.54%
48.00m 1.2%
73.22m 0.19%
2408.77 2455.91 2504.33 2524.54 2542.11 2589.61 2637.92 2685.93 2759.15
PZ160 PZ161 PZ162 PZ163 PZ164 PZ165 PZ166 PZ167 PZ168
24 25 26 27
PZ160 PZ161 PZ162 PZ163 PZ164 PZ165 PZ166 PZ167 PZ168


57.69
Załom PZ169 – 179.8°
91.56
73.82
Załom PZ171 – 154.7°
9.67
Załom PZ172 – 155.8°
38.23
Załom PZ173 – 179.7°
16.17
Załom PZ174 – 176.9°
20.19
Załom PZ175 – 177.3°
24.94
Załom PZ176 – 96.6°
7.75
Załom PZ177 – 91.9°
14.66
Załom PZ178 – 179.1°
15.62
Załom PZ179 – 179.4°
14.53
Załom PZ180 – 179.8°
28.77
X=5607460.04 Y=5998746.71
PZ169
X=5607525.27 Y=5998810.97
PZ170
X=5607577.82 Y=5998862.82
PZ171
X=5607581.14 Y=5998871.90
PZ172
X=5607607.85 Y=5998899.25
PZ173
X=5607619.20 Y=5998910.76
PZ174
X=5607632.58 Y=5998925.88
PZ175
X=5607648.22 Y=5998945.31
PZ176
X=5607642.78 Y=5998950.82
PZ177
X=5607652.87 Y=5998961.46
PZ178
X=5607663.79 Y=5998972.63
PZ179
X=5607673.83 Y=5998983.13
PZ180
PROJ. RURA OCHRONNA PE
ø225, L=7.0m
0.6m
0.45m
0.6m
180.2°
180.0°
154.7°
204.2°
180.3°
176.9°
177.3°
96.6°
268.1°
180.9°
179.4°
179.8°
KOLUMNA PŁUCZĄCO SPUSTOWA
Kąt = 179.8°
ø0.000m
ø0.000m Kąt = 154.7°
ø0.000m Kąt = 155.8°
STUDZIENKA POWIETRZNA DO ŚCIEKÓW PN10
Kąt = 179.7°
ø0.000m Kąt = 176.9°
ø0.000m Kąt = 177.3°
ø0.000m Kąt = 96.6°
KOLUMNA PŁUCZĄCO SPUSTOWA
Kąt = 91.9°
Istn. droga asfalt. szer.=3.6m
ø0.000m Kąt = 179.1°
ø0.000m Kąt = 179.4°
ø0.000m Kąt = 179.8°
95.40 95.60 95.79 95.82 95.92 96.00 96.10 95.60 95.60 95.39 95.09 95.00
95.20 95.40 95.60 95.79 95.82 95.87 95.92 96.00 96.10 95.50 95.60 95.60 95.39 95.09 95.00
93.90 94.10 94.29 94.32 94.42 94.10 94.00 94.10 94.10 93.70 93.40 93.50
93.90 94.10 94.29 94.32 94.42 94.10 94.00 94.10 94.10 93.70 93.40 93.50
1.50 1.50 1.50 1.50 1.50 1.90 2.10 1.50 1.50 1.69 1.69 1.50
0.22% 57.69m
0.26% 91.56m
73.82m
0.26 9.67
0.28% 38.23m
16.17 2%
20.19m 0.5%
0.38% 24.94m
0.05 7.75
14.66 2.73%
15.62 1.92%
0.7% 14.53
0.04% 28.
2816.84 2908.41 2982.23 2991.90 3030.13 3046.30 3066.48 3091.42 3099.17 3113.83 3129.45 3143.98
PZ169 PZ170 PZ171 PZ172 PZ173 PZ174 PZ175 PZ176 PZ177 PZ178 PZ179 PZ180
28
29
30
31
PZ169 PZ170 PZ171 PZ172 PZ173 PZ174 PZ175 PZ176 PZ177 PZ178 PZ179 PZ180


Zmiana poziomu porównawczego
Nowy poziom : 95.00 m n.p.m.
Załom PZ181 – 179.1°
Załom PZ182 – 179.5°
Załom PZ183 – 179.2°
Załom PZ184 – 166.9°
Załom PZ185 – 164.9°
Załom PZ186A – 169.1°
Załom PZ186B – 157.9°
Załom PZ186C – 170.3°
Załom PZ186 – 177.7°
Załom PZ188 – 179.2°
Załom PZ189 – 164.5°
Załom PZ190 – 165.2°
Załom PZ191 – 179.5°
Załom PZ192 – 179.4°
Załom PZ194 – 161.8°
Załom PZ195 – 149.8°
Załom PZ196 – 127.3°
Załom PZ197 – 177.1°
Załom PZ198 – 178.8°
Załom PZ199 – 177.5°
PZ181
PZ182
PZ183
PZ184
PZ185
PZ186A
PZ186B
PZ186C
PZ186
PZ187
PZ188
PZ189
PZ190
PZ191
PZ192
PZ193
PZ194
PZ195
PZ196
PZ197
PZ198
PZ199
X=5607693.66 Y=5999003.98
X=5607711.28 Y=5999021.95
X=5607716.82 Y=5999027.70
X=5607730.87 Y=5999042.67
X=5607734.19 Y=5999048.39
X=5607752.91 Y=5999067.00
X=5607755.78 Y=5999071.22
X=5607759.34 Y=5999073.59
X=5607763.20 Y=5999077.22
X=5607783.65 Y=5999098.13
X=5607811.28 Y=5999126.43
X=5607822.13 Y=5999137.85
X=5607828.81 Y=5999141.87
X=5607853.70 Y=5999167.40
X=5607877.07 Y=5999190.98
X=5607888.85 Y=5999203.10
X=5607906.47 Y=5999221.25
X=5607910.63 Y=5999229.79
X=5607909.23 Y=5999248.64
X=5607927.67 Y=5999265.00
X=5607949.99 Y=5999282.87
X=5607964.83 Y=5999294.26
Istn. wod.
Istn. kabel energ.
KOLUMNA PŁUCZĄCO SPUSTOWA 0.6m
ø0.000m
25.17
7.99
20.53
6.61
26.40
29.25
39.55
15.75
7.80
35.65
33.20
16.90
25.30
9.50
18.90
24.65
28.60
18.70
2.1%
2.42%
2.77%
0.93
0.91
1.98%
2.84%
2.44%
4.52%
3.87%
2.61%
2.67%
4.54
2.3%
4.17%
0.39%
2.2%
2.97%
3172.75
3197.92
3205.91
3226.44
3233.05
3252.11
3259.45
3264.55
3268.83
3274.13
3303.38
3342.93
3354.98
3358.68
3366.48
3402.13
3435.33
3452.23
3477.53
3487.03
3505.93
3530.58
3559.18
3577.88
32
33
34
35



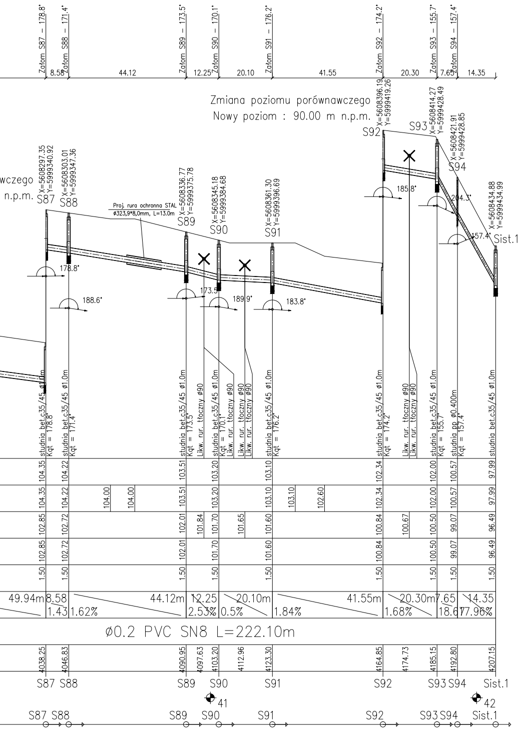
Zmiana poziomu porównawczego
Nowy poziom : 100.00 m n.p.m.

Zmiana poziomu porównawczego
Nowy poziom : 105.00 m n.p.m.

Zmiana poziomu porównawczego
Nowy poziom : 100.00 m n.p.m.

Zmiana poziomu porówna
Nowy poziom : 95.00 m

Załom PZ200 – 177.5°
Załom PZ201 – 156.7°
Załom PZ202 – 173.1°
Załom PZ203 – 171.1°
Załom PZ204 – 166.9°
Załom PZ205 – 173.0°
Załom PZ206 – 163.1°
Załom PZ207 – 151.9°
Załom PZ208 – 176.1°
Załom PZ209 – 176.8°
Załom PZ210 – 171.4°
Załom PZ211 – 173.1°
Załom PZ212 – 172.6°
Załom PZ213 – 96.3°
Załom PZ214 – 130.5°
Załom PZ215 – 169.0°
Załom PZ216 – 103.8°
Załom PZ217 – 91.1°
Załom SR4 – 174.4°
Załom S86 – 179.1°
.60 10.40 17.90 19.60 42.05 17.60 6.75 15.00 28.55 28.40 21.15 9.30 25.25 10.07 24.28 10.35 33.35 50.15 6.43 3.26 49.94
PZ200 X=5607989.89 Y=5999311.81
PZ201 X=5607998.66 Y=5999317.40
PZ202 X=5608016.33 Y=5999320.25
PZ203 X=5608035.17 Y=5999325.68
PZ204 X=5608076.89 Y=5999330.93
PZ205 X=5608093.40 Y=5999337.02
PZ206 X=5608099.40 Y=5999340.11
PZ207 X=5608110.16 Y=5999350.57
PZ208 X=5608137.59 Y=5999358.46
PZ209 X=5608164.29 Y=5999368.14
PZ210 X=5608184.54 Y=5999374.25
PZ211 X=5608192.95 Y=5999378.24
PZ212 X=5608216.90 Y=5999386.23
PZ213 X=5608226.78 Y=5999388.17
PZ214 X=5608234.04 Y=5999365.01
PZ215 X=5608228.54 Y=5999356.24
PZ216 X=5608216.53 Y=5999325.13
PZ217 X=5608257.67 Y=5999296.46
SR4 X=5608261.45 Y=5999301.66
S86 X=5608263.62 Y=5999304.09
182.5° 203.3° 173.1° 188.9° 166.9° 173.0° 163.1° 208.1° 176.1° 183.2° 171.4° 186.9° 187.4° 263.7° 229.5° 169.0° 103.8° 185.6° 180.9°
PROJ. RURA OCHRONNA PE ø225, L=23.5m
PROJ. RURA OCHRONNA PE ø225, L=49.8m
KOLUMNA PŁUCZĄCO SPUSTOWA 0,6m Kąt = 177.5°
ø0.000m Kąt = 156.7°
ø0.000m Kąt = 173.1°
ø0.000m Kąt = 171.1°
STUDZIENKA POWIETRZNA DO ŚCIEKÓW PN10 0.45m Kąt = 166.9°
ø0.000m Kąt = 173.0°
ø0.000m Kąt = 163.1°
ø0.000m Kąt = 151.9°
ø0.000m Kąt = 176.1°
ø0.000m Kąt = 176.8°
ø0.000m Kąt = 171.4°
ø0.000m Kąt = 173.1°
ø0.000m Kąt = 172.6°
ø0.000m Kąt = 96.3°
Istn. droga asfalt. szer.=3.5m
ø0.000m Kąt = 130.5°
ø0.000m Kąt = 169.0°
STUDZIENKA POWIETRZNA DO ŚCIEKÓW PN10 0.45m Kąt = 103.8°
Likw. rur. tłoczny ø90 ø0.000m Kąt = 91.1°
studnia bet. 35/45 ø1.0m
studnia bet. 35/45 ø1.0m Kąt = 179.1°
105.22 105.56 106.90 108.20 109.85 109.63 109.53 109.59 111.40 111.59 112.08 112.31 112.82 113.03 112.75 113.21 113.79 105.28 105.04 105.01
105.22 105.56 106.90 108.20 109.90 109.85 109.70 109.63 109.53 109.59 111.40 111.59 112.08 112.31 112.82 113.03 112.60 112.60 112.75 113.21 113.70 113.79 116.20 105.28 105.04 105.01 104.90
103.72 104.06 105.40 106.70 108.35 108.13 108.03 108.09 109.90 110.09 110.58 110.81 111.32 111.53 111.36 111.25 111.71 112.29 103.78 103.54 103.51
103.72 104.06 105.40 106.70 108.35 108.13 108.03 108.09 109.90 110.09 110.58 110.81 111.32 111.53 111.25 111.71 112.29 103.78 103.54 103.51
1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50
30.60m 3.25% 10.40 7.49% 17.90 6.63% 19.60 3.94% 42.05m 1.28% 17.60 6.75 1.37 0.35% 15.00 6.37% 28.55m 0.66% 28.40m 2.32% 21.15m 2.4 9.30 2.04% 35.32m 1.16% 24.28m 4.48% 10.35 1.73% 33.35m 16.96% 50.15m 6.43 3.69 1.33%
3608.48 3618.88 3636.78 3656.38 3698.43 3716.03 3722.78 3737.78 3766.33 3794.73 3815.88 3825.18 3850.43 3860.50 3875.14 3884.77 3895.12 3928.47 3978.62 3985.05 3988.31
PZ200 PZ201 PZ202 PZ203 PZ204 PZ205 PZ206 PZ207 PZ208 PZ209 PZ210 PZ211 PZ212 PZ213 PZ214 PZ215 PZ216 PZ217 SR4 S86
36 37 38 39 40


Załom S87 – 178.8°
Załom S88 – 171.4°
Załom S89 – 173.5°
Załom S90 – 170.1°
Załom S91 – 176.2°
Załom S92 – 174.2°
Załom S93 – 155.7°
Załom S94 – 157.4°
8.58
44.12
12.25
20.10
41.55
20.30
7.65
14.35
Zmiana poziomu porównawczego
Nowy poziom : 90.00 m n.p.m.
wczego
n.p.m.
X=5608297.35 Y=5999340.92
X=5608303.01 Y=5999347.36
X=5608336.77 Y=5999375.78
X=5608345.18 Y=5999384.68
X=5608361.30 Y=5999396.69
X=5608396.19 Y=5999419.26
X=5608414.27 Y=5999428.49
X=5608421.91 Y=5999428.85
X=5608434.88 Y=5999434.99
S87
S88
S89
S90
S91
S92
S93
S94
Sist.1
Proj. rura ochronna STAL
ø323,9*8,0mm, L=13.0m
178.8°
188.6°
173.5°
189.9°
183.8°
185.8°
204.3°
157.4°
studnia bet.c35/45 ø1.0m
Kąt = 178.8°
studnia bet.c35/45 ø1.0m
Kąt = 171.4°
studnia bet.c35/45 ø1.0m
Kąt = 173.5°
Likw. rur. tłoczny ø90
studnia bet.c35/45 ø1.0m
Kąt = 170.1°
Likw. rur. tłoczny ø90
Likw. rur. tłoczny ø90
Likw. rur. tłoczny ø90
studnia bet.c35/45 ø1.0m
Kąt = 176.2°
studnia bet.c35/45 ø1.0m
Kąt = 174.2°
Likw. rur. tłoczny ø90
Likw. rur. tłoczny ø90
studnia bet.c35/45 ø1.0m
Kąt = 155.7°
studnia pp ø0.400m
Kąt = 157.4°
studnia bet.c35/45 ø1.0m
104.35
104.22
103.51
103.20
103.10
102.34
102.00
100.57
97.99
104.35
104.22
104.00
104.00
103.51
103.20
103.10
103.10
102.60
102.34
102.00
100.57
97.99
102.85
102.72
102.01
101.84
101.70
101.65
101.60
100.84
100.67
100.50
99.07
96.49
102.85
102.72
102.01
101.70
101.60
100.84
100.50
99.07
96.49
1.50
1.50
1.50
1.50
1.50
1.50
1.50
1.50
1.50
49.94m
8.58
1.43
1.62%
44.12m
12.25
2.53%
0.5%
20.10m
1.84%
41.55m
1.68%
20.30m
7.65
18.67
14.35
77.96%
ø0.2 PVC SN8 L=222.10m
4038.25
4046.83
4090.95
4097.63
4103.20
4112.96
4123.30
4164.85
4174.73
4185.15
4192.80
4207.15
S87 S88
S89
S90
S91
S92
S93 S94
Sist.1
41
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OBIEKT	KANALIZACJA SANITARNA·CETUŃ-ROSOCHA-POLANÓW GMINA POLANÓW
NAZWA OPRACOWANIA	8/44,8/9,7/4,20/1,8/17,7/17,13,8/21,12/1,1,15/1,3/1,3/2-OBRĘB CETUŃ 408/1,164,119,115,112/1,108,65/1,19/3,99/4,65/2,1,76,75,74,73,77,72, 380,379,12/3,18,9/3,179,20,178,362/4,5/11,19,16-OBRĘB ROSOCHA 362/2,362/1,212,567-OBRĘB WIETRZNO,104/14-OBRĘB 4 POLANÓW
ADRES OBIEKTU BUDOWLANEGO	PROJEKT BUDOWLANY KANALIZACJI SANITARNEJ CETUŃ-ROSOCHA-POLANÓW GMINA POLANÓW.
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