

H= 1000 m  
T= 8.593 m  
f= -0.037 m  
TS= 92.769 m  
KM= 0+012.623

H= 1000 m  
T= 14.319 m  
f= 0.103 m  
TS= 90.377 m  
KM= 0+100.623

H= 2000 m  
T= 1.223 m  
f= 0.000 m  
TS= 90.479 m  
KM= 0+170.623

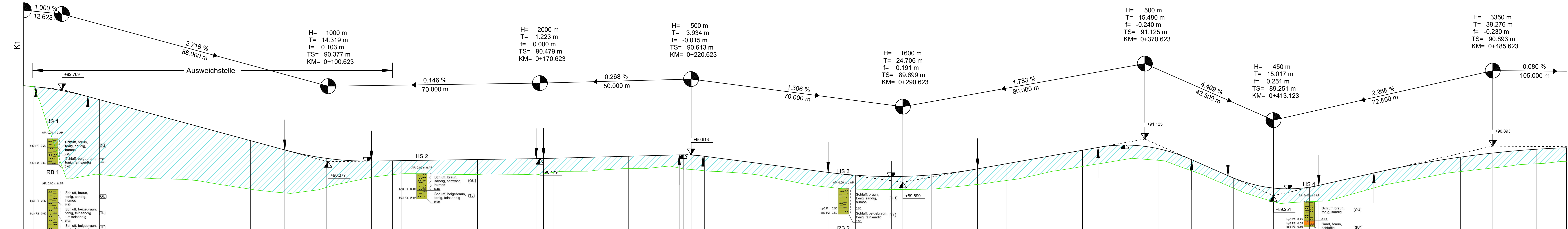
H= 500 m  
T= 3.934 m  
f= -0.015 m  
TS= 90.613 m  
KM= 0+220.623

H= 1600 m  
T= 24.706 m  
f= 0.191 m  
TS= 89.699 m  
KM= 0+290.623

H= 500 m  
T= 15.480 m  
f= -0.240 m  
TS= 91.125 m  
KM= 0+370.623

H= 3350 m  
T= 39.276 m  
f= -0.230 m  
TS= 90.893 m  
KM= 0+485.623

H= 450 m  
T= 15.017 m  
f= 0.251 m  
TS= 89.251 m  
KM= 0+413.123



M = 1:500/50  
NN 88.00

Station	0+000	0+100	0+200	0+300	0+400	0+500		
<b>GRADIENTE</b>	0.000 92.895 0.124 0.103 12.623 2.00	0.000 91.753 0.000 91.073 86.304 90.786 0.000 90.488 0.623 90.480 13.485 90.357 14.342 90.386 21.886 90.408 25.000 90.413 0.000 90.449 0.000 90.558 16.685 90.602 18.029 90.604 20.623 90.588 24.657 90.562 25.000 90.556 50.000 90.229 66.887 90.022 AP: 0.00 m ü AP 9.929 68.885 68.809 90.623 89.890 0.000 89.940 15.329 90.139 25.000 90.312 50.000 90.757 55.143 90.849 64.056 90.929 70.623 90.885 75.000 90.809 86.103 90.442 86.106 89.913 0.000 89.834 13.123 89.502 17.946 89.476 25.000 89.531 28.140 89.591 Schluff, grau-braun, tonig, sandig 0.60 50.000 90.003 46.347 50.000 90.084 85.623 90.663 0.000 90.789 10.000 90.840	0.000 90.488 0.623 90.480 13.485 90.357 14.342 90.386 21.886 90.408 25.000 90.413 0.000 90.449 0.000 90.558 16.685 90.602 18.029 90.604 20.623 90.588 24.657 90.562 25.000 90.556 50.000 90.229 66.887 90.022 AP: 0.00 m ü AP 9.929 68.885 68.809 90.623 89.890 0.000 89.940 15.329 90.139 25.000 90.312 50.000 90.757 55.143 90.849 64.056 90.929 70.623 90.885 75.000 90.809 86.103 90.442 86.106 89.913 0.000 89.834 13.123 89.502 17.946 89.476 25.000 89.531 28.140 89.591 Schluff, grau-braun, tonig, sandig 0.60 50.000 90.003 46.347 50.000 90.084 85.623 90.663 0.000 90.789 10.000 90.840	0.000 90.488 0.623 90.480 13.485 90.357 14.342 90.386 21.886 90.408 25.000 90.413 0.000 90.449 0.000 90.558 16.685 90.602 18.029 90.604 20.623 90.588 24.657 90.562 25.000 90.556 50.000 90.229 66.887 90.022 AP: 0.00 m ü AP 9.929 68.885 68.809 90.623 89.890 0.000 89.940 15.329 90.139 25.000 90.312 50.000 90.757 55.143 90.849 64.056 90.929 70.623 90.885 75.000 90.809 86.103 90.442 86.106 89.913 0.000 89.834 13.123 89.502 17.946 89.476 25.000 89.531 28.140 89.591 Schluff, grau-braun, tonig, sandig 0.60 50.000 90.003 46.347 50.000 90.084 85.623 90.663 0.000 90.789 10.000 90.840	0.000 90.488 0.623 90.480 13.485 90.357 14.342 90.386 21.886 90.408 25.000 90.413 0.000 90.449 0.000 90.558 16.685 90.602 18.029 90.604 20.623 90.588 24.657 90.562 25.000 90.556 50.000 90.229 66.887 90.022 AP: 0.00 m ü AP 9.929 68.885 68.809 90.623 89.890 0.000 89.940 15.329 90.139 25.000 90.312 50.000 90.757 55.143 90.849 64.056 90.929 70.623 90.885 75.000 90.809 86.103 90.442 86.106 89.913 0.000 89.834 13.123 89.502 17.946 89.476 25.000 89.531 28.140 89.591 Schluff, grau-braun, tonig, sandig 0.60 50.000 90.003 46.347 50.000 90.084 85.623 90.663 0.000 90.789 10.000 90.840	0.000 90.488 0.623 90.480 13.485 90.357 14.342 90.386 21.886 90.408 25.000 90.413 0.000 90.449 0.000 90.558 16.685 90.602 18.029 90.604 20.623 90.588 24.657 90.562 25.000 90.556 50.000 90.229 66.887 90.022 AP: 0.00 m ü AP 9.929 68.885 68.809 90.623 89.890 0.000 89.940 15.329 90.139 25.000 90.312 50.000 90.757 55.143 90.849 64.056 90.929 70.623 90.885 75.000 90.809 86.103 90.442 86.106 89.913 0.000 89.834 13.123 89.502 17.946 89.476 25.000 89.531 28.140 89.591 Schluff, grau-braun, tonig, sandig 0.60 50.000 90.003 46.347 50.000 90.084 85.623 90.663 0.000 90.789 10.000 90.840	0.000 90.488 0.623 90.480 13.485 90.357 14.342 90.386 21.886 90.408 25.000 90.413 0.000 90.449 0.000 90.558 16.685 90.602 18.029 90.604 20.623 90.588 24.657 90.562 25.000 90.556 50.000 90.229 66.887 90.022 AP: 0.00 m ü AP 9.929 68.885 68.809 90.623 89.890 0.000 89.940 15.329 90.139 25.000 90.312 50.000 90.757 55.143 90.849 64.056 90.929 70.623 90.885 75.000 90.809 86.103 90.442 86.106 89.913 0.000 89.834 13.123 89.502 17.946 89.476 25.000 89.531 28.140 89.591 Schluff, grau-braun, tonig, sandig 0.60 50.000 90.003 46.347 50.000 90.084 85.623 90.663 0.000 90.789 10.000 90.840	0.000 90.488 0.623 90.480 13.485 90.357 14.342 90.386 21.886 90.408 25.000 90.413 0.000 90.449 0.000 90.558 16.685 90.602 18.029 90.604 20.623 90.588 24.657 90.562 25.000 90.556 50.000 90.229 66.887 90.022 AP: 0.00 m ü AP 9.929 68.885 68.809 90.623 89.890 0.000 89.940 15.329 90.139 25.000 90.312 50.000 90.757 55.143 90.849 64.056 90.929 70.623 90.885 75.000 90.809 86.103 90.442 86.106 89.913 0.000 89.834 13.123 89.502 17.946 89.476 25.000 89.531 28.140 89.591 Schluff, grau-braun, tonig, sandig 0.60 50.000 90.003 46.347 50.000 90.084 85.623 90.663 0.000 90.789 10.000 90.840
<b>GELÄNDE</b>	0.000 92.894 25.000 89.953 50.000 89.797 75.000 89.464 0.000 89.521 25.000 89.976 50.000 89.951 75.000 90.021 0.000 90.147 50.000 89.797 25.000 89.795 50.000 90.218 75.000 90.422 0.000 89.497 25.000 89.051 50.000 89.611 75.000 90.050 0.000 90.308	0.000 92.894 25.000 89.953 50.000 89.797 75.000 89.464 0.000 89.521 25.000 89.976 50.000 89.951 75.000 90.021 0.000 90.147 50.000 89.797 25.000 89.795 50.000 90.218 75.000 90.422 0.000 89.497 25.000 89.051 50.000 89.611 75.000 90.050 0.000 90.308	0.000 92.894 25.000 89.953 50.000 89.797 75.000 89.464 0.000 89.521 25.000 89.976 50.000 89.951 75.000 90.021 0.000 90.147 50.000 89.797 25.000 89.795 50.000 90.218 75.000 90.422 0.000 89.497 25.000 89.051 50.000 89.611 75.000 90.050 0.000 90.308	0.000 92.894 25.000 89.953 50.000 89.797 75.000 89.464 0.000 89.521 25.000 89.976 50.000 89.951 75.000 90.021 0.000 90.147 50.000 89.797 25.000 89.795 50.000 90.218 75.000 90.422 0.000 89.497 25.000 89.051 50.000 89.611 75.000 90.050 0.000 90.308	0.000 92.894 25.000 89.953 50.000 89.797 75.000 89.464 0.000 89.521 25.000 89.976 50.000 89.951 75.000 90.021 0.000 90.147 50.000 89.797 25.000 89.795 50.000 90.218 75.000 90.422 0.000 89.497 25.000 89.051 50.000 89.611 75.000 90.050 0.000 90.308	0.000 92.894 25.000 89.953 50.000 89.797 75.000 89.464 0.000 89.521 25.000 89.976 50.000 89.951 75.000 90.021 0.000 90.147 50.000 89.797 25.000 89.795 50.000 90.218 75.000 90.422 0.000 89.497 25.000 89.051 50.000 89.611 75.000 90.050 0.000 90.308	0.000 92.894 25.000 89.953 50.000 89.797 75.000 89.464 0.000 89.521 25.000 89.976 50.000 89.951 75.000 90.021 0.000 90.147 50.000 89.797 25.000 89.795 50.000 90.218 75.000 90.422 0.000 89.497 25.000 89.051 50.000 89.611 75.000 90.050 0.000 90.308	

**Legende**

- Auftrag (blue hatched)
- Abtrag (orange hatched)
- Gradienten-hochpunkt (upward arrow)
- Gradienten-tiefpunkt (downward arrow)
- Ausrundungs-anfangende (curved arrow)
- Einmündung links (left arrow)
- Einmündung rechts (right arrow)

Neigungsbrechpunkte mit Angabe von Gefälle (-) und Steigung (+) in Prozent, Länge der Gefälle- (Steigungs-)Strecke, Halbmesser, Tangentlänge und Stichtmaß

H= 8200 m  
T= 74.743 m  
f= -0.341 m

-1.000 %  
170.000 m

+0.500 %  
80.000 m

**GENEHMIGUNGSPLANUNG**

ipr Consult  
INGENIEURGESELLSCHAFT BERATUNG PLANUNG BAULEITUNG ERHALTUNG WIESENSTR.56 67433 NEUSTADT  
PAPPON+RIEDEL mbH WASSER ABWASSER ABFALL VERKEHR Tel 06321/870601 Fax 31081

GEBRÜDER WILLERSINN GmbH & Co. KG  
AUSKIESUNG BONNAU  
VERKEHRSANBINDUNG

PROJEKT NR.: 7 6 6 1 2  
PLAN NR.: 8 01  
INDEX: 1

**HÖHENPLAN**  
Zuwegung zur Warft  
Stat. 0+000 - 0+500

AUFTRAGGEBER  
GEBRÜDER WILLERSINN GmbH & Co. KG  
Mittelpartstraße 1  
67071 Ludwigshafen

STAND: 18.01.2018  
BEARB./GEZ.: Rink  
GEPRÜFT: [Signature]  
GESEHEN: [Signature]

NEUSTADT  
August 2018  
MASSSTAB: 1:500/50

Ludwigshafen, den 10.08.2018

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