

Želénky

Ref:

Run1

žlab u domu c.p. 34

Calculation Summary:

Loading	D400	Rainfall Rate	184 l/s/Ha	Area	490 m²
Length	40 m	Imp. Factor	0,85	Ground Slope	0 %
Chosen Product	ProV NW150-0 - ProV NW150-10			Unit Depth	260 mm
Grating	Ductile Iron Bar Grating			Grating Depth	39 mm
Total Required Flow	7,7 l/s	Number of Outlets	1	Waterway Depth	196 mm
Design Flow	7,7 l/s	Maximum Flow	19 l/s	Channel Running	40% Full

NW150-0

29m

NW150-5

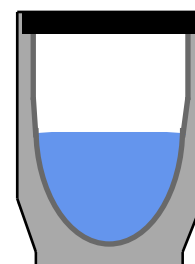
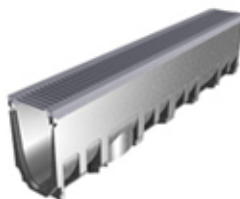
5m

NW150-10

6m



7,7



Materials List

ProV NW150 No0	29m
ProV NW150 No1	1m
ProV NW150 No2	1m
ProV NW150 No3	1m
ProV NW150 No4	1m
ProV NW150 No5	1m
ProV NW150 No6	1m
ProV NW150 No7	1m
ProV NW150 No8	1m
ProV NW150 No9	1m
ProV NW150 No10	1m
ProV NW150 No10-0	1m
Light/TEC/Pro NW150 End Cap	1
TEC/Pro NW150 End Cap Outlet	1
D400 150mm Ductile Iron Bar Grating	40m

Hydro BG can not be liable for any designs undertaken by users of this software.

All of the calculations and output generated above are unique and relevant to Filcoten channels only.

They should not be used in connection with any other drainage products.

Designer: GAIR

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Želénky

Ref:

Run2

žlab u domu c.p. 69

Calculation Summary:

Loading	D400	Rainfall Rate	184 l/s/Ha	Area	740 m²
Length	40 m	Imp. Factor	0,85	Ground Slope	0 %
Chosen Product	ProV NW150-0 - ProV NW150-10			Unit Depth	260 mm
Grating	Ductile Iron Bar Grating			Grating Depth	39 mm
Total Required Flow	11,6 l/s	Number of Outlets	1	Waterway Depth	196 mm
Design Flow	11,6 l/s	Maximum Flow	19 l/s	Channel Running	60% Full

NW150-0

29m

NW150-5

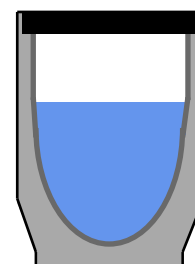
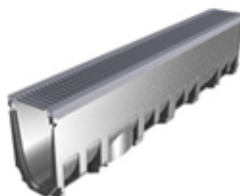
5m

NW150-10

6m



11,6



Materials List

ProV NW150 No0	29m
ProV NW150 No1	1m
ProV NW150 No2	1m
ProV NW150 No3	1m
ProV NW150 No4	1m
ProV NW150 No5	1m
ProV NW150 No6	1m
ProV NW150 No7	1m
ProV NW150 No8	1m
ProV NW150 No9	1m
ProV NW150 No10	1m
ProV NW150 No10-0	1m
Light/TEC/Pro NW150 End Cap	1
TEC/Pro NW150 End Cap Outlet	1
D400 150mm Ductile Iron Bar Grating	40m

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