

[illegible]

Technical drawing of a sewerage system layout. The drawing shows a series of manholes (K12, K13, K14, K15, K16, K17, K18, K19, K20, K21, K22, K23, K24, K25, K26, K27, K28, K29, K30, K31, K32, K33, K34, K35, K36, K37, K38, K39, K40, K41, K42, K43, K44, K45, K46, K47, K48, K49, K50, K51, K52, K53, K54, K55, K56, K57, K58, K59, K60, K61, K62, K63, K64, K65, K66, K67, K68, K69, K70, K71, K72, K73, K74, K75, K76, K77, K78, K79, K80, K81, K82, K83, K84, K85, K86, K87, K88, K89, K90, K91, K92, K93, K94, K95, K96, K97, K98, K99, K100) connected by pipes. The drawing includes elevations for the ground surface (e.g., ±0.000 = 248.520, ±0.000 = 247.320, ±0.000 = 248.520) and the sewerage system (e.g., -1.200 = 247.320, -2.400 = 244.920, -1.800 = 246.720, -1.500 = 248.520). The drawing also shows the layout of the sewerage system, including the main sewer line and the distribution network. The drawing is a plan view, showing the horizontal layout of the system. The drawing is a technical drawing, showing the layout of the sewerage system in a clear and concise manner. The drawing is a plan view, showing the horizontal layout of the system. The drawing is a technical drawing, showing the layout of the sewerage system in a clear and concise manner.

Station	Manhole	Pipe	Elevation
16	K12	PVC KG DN 100	248.52
17	K13	PVC KG DN 100	248.52
18	K14	PVC KG DN 100	248.52
19	K15	PVC KG DN 100	248.52
20	K16	PVC KG DN 100	248.52
21	K17	PVC KG DN 100	248.52
22	K18	PVC KG DN 100	248.52
23	K19	PVC KG DN 100	248.52
24	K20	PVC KG DN 100	248.52
25	K21	PVC KG DN 100	248.52
26	K22	PVC KG DN 100	248.52
27	K23	PVC KG DN 100	248.52
28	K24	PVC KG DN 100	248.52
29	K25	PVC KG DN 100	248.52
30	K26	PVC KG DN 100	248.52
31	K27	PVC KG DN 100	248.52
32	K28	PVC KG DN 100	248.52
33	K29	PVC KG DN 100	248.52
34	K30	PVC KG DN 100	248.52
35	K31	PVC KG DN 100	248.52
36	K32	PVC KG DN 100	248.52
37	K33	PVC KG DN 100	248.52
38	K34	PVC KG DN 100	248.52
39	K35	PVC KG DN 100	248.52
40	K36	PVC KG DN 100	248.52
41	K37	PVC KG DN 100	248.52
42	K38	PVC KG DN 100	248.52
43	K39	PVC KG DN 100	248.52
44	K40	PVC KG DN 100	248.52
45	K41	PVC KG DN 100	248.52
46	K42	PVC KG DN 100	248.52
47	K43	PVC KG DN 100	248.52
48	K44	PVC KG DN 100	248.52
49	K45	PVC KG DN 100	248.52
50	K46	PVC KG DN 100	248.52
51	K47	PVC KG DN 100	248.52
52	K48	PVC KG DN 100	248.52
53	K49	PVC KG DN 100	248.52
54	K50	PVC KG DN 100	248.52
55	K51	PVC KG DN 100	248.52
56	K52	PVC KG DN 100	248.52
57	K53	PVC KG DN 100	248.52
58	K54	PVC KG DN 100	248.52
59	K55	PVC KG DN 100	248.52
60	K56	PVC KG DN 100	248.52
61	K57	PVC KG DN 100	248.52
62	K58	PVC KG DN 100	248.52
63	K59	PVC KG DN 100	248.52
64	K60	PVC KG DN 100	248.52
65	K61	PVC KG DN 100	248.52
66	K62	PVC KG DN 100	248.52
67	K63	PVC KG DN 100	248.52
68	K64	PVC KG DN 100	248.52
69	K65	PVC KG DN 100	248.52
70	K66	PVC KG DN 100	248.52
71	K67	PVC KG DN 100	248.52
72	K68	PVC KG DN 100	248.52
73	K69	PVC KG DN 100	248.52
74	K70	PVC KG DN 100	248.52
75	K71	PVC KG DN 100	248.52
76	K72	PVC KG DN 100	248.52
77	K73	PVC KG DN 100	248.52
78	K74	PVC KG DN 100	248.52
79	K75	PVC KG DN 100	248.52
80	K76	PVC KG DN 100	248.52
81	K77	PVC KG DN 100	248.52
82	K78	PVC KG DN 100	248.52
83	K79	PVC KG DN 100	248.52
84	K80	PVC KG DN 100	248.52
85	K81	PVC KG DN 100	248.52
86	K82	PVC KG DN 100	248.52

SADOVÁ [611565]
27/1
OBJEKT

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Technical drawing of a sewerage line (S25) showing a cross-section and profile view.

**Cross-section details:**

- Material: PVC KG DN 125
- Slope: 15.0%
- Diameter: 3.10 m

**Profile view details:**

- Line type: S25
- Ground level: ± 0.00 = 248.520
- Line depth: 2.50 m
- Vertical offset: 2.80 m
- Line label: KGB 150/125-45

The diagram shows a plan view of a sewerage connection. A building at the top has a sewer outlet labeled S26. The sewer pipe runs horizontally to the right, passing through a wall and a fence. It then turns vertically downwards. At the bottom, there are two manholes: S26 on the left and S26' on the right. The vertical section of the pipe connects S26 to S26'. The horizontal distance between the building's sewer outlet and manhole S26 is 0.0 m. The horizontal distance between S26 and S26' is 1.70 m. The vertical depth from the ground level to the manhole S26 is 2.30 m. The vertical depth from the ground level to the manhole S26' is 2.70 m. The ground level is indicated by a dashed line with a spot height of 230.00. The sewer pipe is labeled PVC KG DN 125. The slope of the pipe is given as i = 20.0%. The length of the pipe segment is DL = 4.00 m. The manhole S26' is located under a road surface. The road width is 8.00 m. The road centerline is at a distance of 0.00 m from the manhole S26'. The road edge is at a distance of 4.00 m from the manhole S26'. The road surface elevation is 248.52. The manhole S26' is at an elevation of 245.56. The manhole S26 is at an elevation of 244.26. The ground level at the manhole S26 is 248.52. The ground level at the manhole S26' is 245.56. The ground level at the road edge is 245.45. The ground level at the road centerline is 245.45. The ground level at the building's sewer outlet is 248.52. The ground level at the building's sewer outlet is 248.52. The ground level at the building's sewer outlet is 248.52.

Point	Elevation (m)	Distance (m)
Building Sewer Outlet (S26)	248.52	0.0
Manhole S26	244.26	0.0
Manhole S26'	245.56	1.70
Road Edge	245.45	4.00
Road Centerline	245.45	8.00

**MATERIÁL**  
SPÁD(‰), DÉLKA(m)  
PVC KG DN 125  
i= 20.0%  
DL=4.00 m

Technical drawing of a sewerage connection. The drawing shows a vertical section of a sewer pipe (PVC KG DN 125) with a slope of 20.0‰ over a length of 2.70 m. The drawing includes elevations for the bottom of the manhole (245.03), the ground level (248.52), and the bottom of the pipe at the connection point (245.38). It also shows the connection to an existing sewer line (S27) with a slope of 2x KB 152-45' and a connection to a new sewer line (S27') with a slope of KB 150/125-45'. The drawing is labeled with 'HLOUBKA VÝKOPU' (excavation depth), 'KÓTA DŇA POTRUBÍ' (manhole bottom elevation), 'KÓTA TERÉNU' (ground level), 'SROVNÁVACÍ ROVINA' (comparison level), and 'STANÍČENÍ (m)' (stationing).

STANÍČENÍ (m)	KÓTA TERÉNU	KÓTA DŇA POTRUBÍ	HLOUBKA VÝKOPU
0.0	248.52	245.03	2.69
2.20	248.52	245.49	3.13
2.70	248.52	245.38	3.24

MATERIAL  
SPÁD(‰), DÉLKA(m)

PVC KG DN 125  
i= 20.0‰ L= 2.70 m

The diagram illustrates the longitudinal profile of a sewer line (S17). The vertical axis represents elevation in meters (m), ranging from 230.00 to 246.52. The horizontal axis represents stationing in meters (m), ranging from 0.0 to 3.10. The profile shows a constant slope of -1.200‰. Key features include the ground level (Hloubka výkopu), the sewer line (Kóta dna potrubí), and the ground surface (Kóta terénu). The sewer line is made of PVC KG DN 125 with a thickness of 25.0% and a length of 3.10 m. The profile also shows the sewer line's elevation at the start (246.52 m) and end (243.60 m) of the section.

Station (m)	Elevation (m)	Feature
0.0	246.52	Ground level (Hloubka výkopu)
0.0	246.52	Sewer line (Kóta dna potrubí)
0.60	247.32	Ground level (Hloubka výkopu)
0.60	247.32	Sewer line (Kóta dna potrubí)
1.00	248.31	Ground level (Hloubka výkopu)
1.00	248.31	Sewer line (Kóta dna potrubí)
2.50	247.32	Ground level (Hloubka výkopu)
2.50	247.32	Sewer line (Kóta dna potrubí)
3.10	243.60	Ground level (Hloubka výkopu)
3.10	243.60	Sewer line (Kóta dna potrubí)

**Legend:**

- S17**: Sewer line
- Kóta dna potrubí**: Sewer line elevation
- Kóta terénu**: Ground surface elevation
- Hloubka výkopu**: Excavation depth
- SROVNÁVACÍ ROVINA**: Reference level (230.00 m)
- STANIČENÍ (m)**: Stationing (0.0 to 3.10 m)
- MATERIÁL**: PVC KG DN 125
- SPÁD(%)**: -1.200‰
- DĚLKA(m)**: 3.10 m

Technical drawing of a sewerage line (S28) showing a cross-section and a longitudinal profile.

**Cross-section details:**

- Manhole diameter: 1200 mm
- Ground level:  $\pm 0.000 = 248.520$

**Longitudinal profile details:**

- Line: S28
- Profile: 2x KGB 125x45
- Stationing (m): 0.0 to 2.50
- Elevations (m): 248.52, 244.12
- Material: KGB 105x45

**Labels:**

- HLOUBKA VÝKOPU
- KÓTA DNA POTRUBÍ
- KÓTA TERÉNU
- SROVNÁVACÍ ROVINA
- STANIČNÍ (m)

**Table:**

MATERIÁL	SPÁD(%)	DĚLKA(m)
PVC KG DN 125	20.0%	4.00

**S19**

+0.00 = 246.520  
+246.420  
-1.200 = 247.320

KOTA DŇA POTRUBÍ

SROVNÁVACÍ ROVINA

STANIČENÍ (m)

MATERIÁL	SPÁD(%)	DĚLKA(m)
PVC KG DN 125 <td>3.0% <td>DL = 5.30 m</td> </td>	3.0% <td>DL = 5.30 m</td>	DL = 5.30 m

Technical drawing showing the profile of a sewerage line (S29) with elevations and distances. The drawing includes a cross-section of the pipe and a longitudinal profile view.

**Profile Data:**

Distance (m)	Elevation (m)	Point / Feature
0.0	248.52	Start of line (S29)
1.20	248.52	Point 1
2.35	244.27	Point 2
2.59	244.03	Point 3
3.28	244.34	Point 4
3.39	244.23	Point 5
5.20	248.52	End of line (S29)

**Material and Dimensions:**

- Material: PVC KG DN 100
- Spade (%): 20.0%
- Length (m): 5.20

**Other Labels:**

- HLOUBKA VÝKOPI (Excavation Depth)
- KÓTA DŇA POTRUBÍ (Pipe Invert Elevation)
- KÓTA TERÉNU (Ground Level Elevation)
- SROVNÁVACÍ ROVINA STANIČENÍ (m) (Reference Level Stationing (m))
- ± 0.000 = 248.520
- KGB 100-45°
- 2x KGB 100-45°
- KGB 100-45°
- KGB 150/100-45°

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Technical drawing of a sewerage line (S30) showing a cross-section and a plan view.

**Cross-section details:**

- Material: PVC KG DN 125
- Slope: 20.0%
- Length: 2.80 m
- Depth: 2.80 m
- Ground level: 246.52
- Excavation depth: 2.80 m
- Bottom elevation: 243.72

**Plan view details:**

- Stationing: 230.00
- Offset: 2.80 m
- Reference level: S30
- Ground level: 246.52
- Excavation depth: 2.80 m
- Bottom elevation: 243.72

**Labels:**

- HLOUBKA VÝKOPU
- KÓTA DNA POTRUBÍ
- KÓTA TERÉNU
- SROVNÁVACÍ ROVINA
- STANÍČENÍ (m)

**Scale:** 1:200

**Date:** 2021

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**Hĺbkový výkres**

**Kótovaný výkres**

**Legenda:**

- H - Hĺbka výkopu
- KGB - Kóta dna potrubí
- K - Kóta terénu
- S - Srovnávací rovina

**Tabuľka údajov:**

STANIČENÍ (m)	H (m)	KGB (m)	K (m)	S (m)
0.0	2.03	248.52	248.52	230.00
0.40	2.00	248.03	248.03	230.00
0.70	2.00	247.54	247.54	230.00
1.00	2.00	247.05	247.05	230.00
1.30	2.00	246.56	246.56	230.00
1.60	2.00	246.07	246.07	230.00
1.90	2.00	245.58	245.58	230.00
2.00	2.00	245.58	245.58	230.00

**Podrobnosti:**

- Material: PVC KG DN 125
- Slope: 15.0%
- DL: 3.10 m
- Stationing: 0.0 to 2.00
- Ground level: 230.00
- Bottom of trench: 248.52 to 245.58

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**ČTYRST**

<p>Zodpovědný projektant : <b>PROJEKT 315 s.r.o.</b> V Záměš 810/1 709 00 Ostrava - Mariánské hory e-mail: kaplan@p315.cz tel. 603 511 365</p>	<p>Generální projektant : <b>ČTYRSTĚN archi</b> Ing. arch. Tomáš B Husova 365/15, 602 00 Brno e-mail: pago@cty tel. 603 185 481</p>
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*zakaz stavby :*

**Novostavba dětského hospicio**

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<p>             Hlavní inženýr projektu :  <b>Ing. Roman Koplík</b>              Brněnská 28,              664 51 Šlapanice                e-mail: rkoplik@centrum.cz              tel. 725 128 181           </p>	<p>             Zpracoval / kreslil :  <b>Bc. Jakub Kašpárek</b>                Kontroloval :  <b>Ing. František</b> </p>
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±0,000 = 24

Zpracoval / kreslil  
Bc. Jakub Kap

Kontroloval :  
Ing. František

 $\pm 0,000 = 248,52 \text{ Bpv}$ 

Zpracoval projektant: <b>PROJEKT 316 s.r.o.</b> V Zásní 81/01 709 00 Ostrava - Mariánské hory e-mail: kaplan@p316.cz tel. 603 511 365		Generální projektant: <b>ČTYRSTĚN architekti v.o.s.</b> Ing. arch. Tomáš Plágo Husova 355/13, 602 00 Brno e-mail: pago@ctyristen.cz tel. 603 185 461		Hlavní inženýr projektu: <b>Ing. Roman Koplík</b> Benátská 28, 664 51 Slapčnice e-mail: rkoplík@centrum.cz tel. 725 128 181		Zpracoval / kreslil: <b>Bc. Jakub Kaplan</b> e-mail: jakub.kaplan@ctyristen.cz tel. 725 128 181	
název stavby: <b>Novostavba dětského hospice Dům pro Julii</b>							
místo stavby: k.ú. Sadová [611565] č.parc. 27/1							
objednatel: Dům pro Julii, z. ú. Ečerova 14, 635 00 Brno							
stupeň PD datum		DPS - dokumentace pro provedení stavby 05/2021		autorizace: zakázka č. formát: A4		--- 10xA4	
část projektové dokumentace: <b>D.1.4 - A - ZDRAVOTNÉ TECHNIČKÉ INSTALACE</b>				měřítko výkres č.		1:100/100 paré č.	
stavební objekt: <b>SO 01 - DĚTSKÝ HOSPIC</b>				<b>A.2.13</b>			
název výkresu: <b>KANALIZACE SPLAŠKOVÁ - PODÉLNÉ PROFILY - 3</b>							