

Technical drawing of a circular manhole structure, showing cross-sections 1-1 and 2-2.

Components and Labels:

- Trepce acces oțel beton Ø20
- Capac metalic necarosabil - circular Dn800mm/ patrat 800x800mm
- Conducta PEHD Dn225mm proiectată
- Baza 45 x 45 x 30 cm
- Camin din beton armat C25/30
- Beton de egalizare C8/10
- Conducta de ventilatie OL Ø4"

Dimensions:

- Overall diameter: 1.70 m
- Overall width (cross-section 2-2): 1.50 m
- Overall height (cross-section 1-1): 1.70 m
- Base height: 0.20 m
- Concrete ring height: 0.20 m
- Concrete cover height: 0.10 m
- Concrete access height: 0.10 m
- Concrete equalization layer height: 0.10 m
- Concrete ring width (cross-section 1-1): 0.10 m
- Concrete ring width (cross-section 2-2): 0.10 m
- Concrete ring width (cross-section 3-3): 0.10 m
- Concrete ring width (cross-section 4-4): 0.10 m
- Concrete ring width (cross-section 5-5): 0.10 m
- Concrete ring width (cross-section 6-6): 0.10 m
- Concrete ring width (cross-section 7-7): 0.10 m
- Concrete ring width (cross-section 8-8): 0.10 m
- Concrete ring width (cross-section 9-9): 0.10 m
- Concrete ring width (cross-section 10-10): 0.10 m
- Concrete ring width (cross-section 11-11): 0.10 m
- Concrete ring width (cross-section 12-12): 0.10 m
- Concrete ring width (cross-section 13-13): 0.10 m
- Concrete ring width (cross-section 14-14): 0.10 m
- Concrete ring width (cross-section 15-15): 0.10 m
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- Concrete ring width (cross-section 18-18): 0.10 m
- Concrete ring width (cross-section 19-19): 0.10 m
- Concrete ring width (cross-section 20-20): 0.10 m
- Concrete ring width (cross-section 21-21): 0.10 m
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- Concrete ring width (cross-section 30-30): 0.10 m
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- Concrete ring width (cross-section 96-96): 0.10 m
- Concrete ring width (cross-section 97-97): 0.10 m
- Concrete ring width (cross-section 98-98): 0.10 m
- Concrete ring width (cross-section 99-99): 0.10 m
- Concrete ring width (cross-section 100-100): 0.10 m

SECTIONE 1-1
 Scara 1:20

Conducta de ventilatie OL Ø4"

Placa din beton armat preturnata

Mortar de ciment

Cota teren = ±0.00 mdM

Cota = -0.20 mdM

var. 0.2-0.5m

0.20

1.00

0.20

0.20

1.80

2.00

1.80

2.20

0.20

0.10

1.60

1.40

Camin din beton armat C25/30

Cota = -2.20 mdM

Cota radiar = -2.40 mdM

Beton de egalizare C8/10

a

b

4"

Technical drawing of a manhole structure (Fig. 10.10). The drawing shows a cross-section of a manhole with a concrete frame and a PEHD pipe. Key dimensions include: total height of 2.20m, internal height of 1.80m, and a base layer of 0.10m concrete. The manhole is 1.50m wide at the top and 1.70m wide at the base. The structure is made of concrete (C25/30 for the frame, C8/10 for the base) and has a PEHD pipe (Dn225mm) with a radius of 0.240m. The drawing also shows the manhole's position relative to the ground level (Cota teren = ±0.00 mdM) and the base of the structure (Cota radier = -2.40 mdM).

SECTIUNE 4-4

Scara 1:20

Conducta de ventilatie OL Ø4"

Mortar de ciment

Placa din beton armat pretornata

Cota teren= ±0.00 mdM

Cota= -0.20 mdM

Camin din beton armat C25/30

Conducta PEHD Dn225mm proiectata

Cota = -1.46 mdM

Cota = -2.20 mdM

Cota radier= -2.40 mdM

Beton de egalizare C8/10

1.70

1.10

0.20

0.10

0.20

0.10

1.80

2.20

0.20

0.20

0.55

0.55

1.07

0.23

0.50

a

b

Inainte de inceperea executiei caminului si a montajului la pozitie a echipamentelor mecanice, se va verifica ca dimensiunile de gabarit ale acestora sa corespunda cu cele din proiect si sa incapa in camin, in caz contrar se va contacta proiectantul in vederea revizuirii proiectului/emiterii dispozitiilor de santier.

Adancimea caminului se va stabili cu exactitate in timpul lucrarilor de executie, functie de adancimea de pozare a conductei existente.

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			PROIECTARE SI EXECUTIE "VARIANTA DE OCOLIRE TIMISOARA SUD"				Sef Echipa Proiectare ing. Silivan Moldovan		NR. REV.	DATA	SEM.N.		PLAN COFRAJ CAMIN Cv14	
			NUMAR CONTRACT: 92/87467/19.12.2018		Data : 11.2020		Inginer Proiectant ing. Marius Iordache							Scara : 1:20
			NUMAR PROIECT : 10036		VERIFICATOR TEHNIC		Inginer Aprobat ing. Elena Manea							NUMAR PLANSA
											10036-VOTM-RA-PC-01			