



LEGEND

- 0225 GAS PIPELINE
- 0160 GAS PIPELINE
- 0110 GAS PIPELINE
- 063 GAS PIPELINE
- 032 GAS PIPELINE
- BEZEQ
- STREET LIGHT
- HOT
- ELECTRICAL LINE
- DRAINAGE
- WATER LINE
- SEWAGE
- CELLCOM
- PARTNER
- BALL VALVE

DAR-BVM-110-007

PLACEMENTS OF SYSTEMS
IN CONNECTION CABINETS

NUMBER OF PLOT,
TYPE OF PLOT

PLAN BOUNDARY

EXISTING LINES

SEWAGE
IRRIGATION LINE
MEKOROT

Distance to the building
border from right
Number of Road

Distance to the building
border from left
Road width

BORDER OF THE CONSTRUCTION PHASE I

SPECIFICATION OF MATERIALS AND PRODUCTS. BUILDING GAS PIPELINE ON THE ROADS

ITEM	DESCRIPTION	QUANTITY (M) OR (PIECES) ON ROAD	5% OF THE LENGTH OF THE PIPELINE (AT RESERVE)	OVERALL QUANTITY (M) OR (PIECES)
1	PIPE DN 63, PE100	387	19	406
2	MARKER TAPE "GAS"	387	19	406
3	TRACER WIRE	387	19	406
4	TEE DN 63, PE100			1
5	COUPLER DN 63, PE100			1

SPECIFICATION OF MATERIALS AND PRODUCTS. GAS PIPELINE CONNECTIONS TO THE LANDOWNERS

ITEM	DESCRIPTION	QUANTITY (M) OR (PIECES) ON ROAD	5% OF THE LENGTH OF THE PIPELINE (AT RESERVE), MIN-2M	OVERALL QUANTITY (M) OR (PIECES)
1	PIPE DN 32, PE100	411	104	515
2	MARKER TAPE "GAS"	411	104	515
3	TRACER WIRE	411	104	515
4	TAPPING SADDLE DN 63/32, PE100			52
5	PERFORMED BEND 90°, DN 32			52
6	PROTECTIVE SLEEVE DN 32			52
7	GAS STOP (4901D/4901Z) DN 32			52

*SOME POSITIONS ARE IN LARGE NUMBERS BECAUSE THE CONSTRUCTION PHASE OF NEW GAS ROUTES IS NOT DEFINED.

COORDINATES TABLE

No	EASTING	NORTHING	POINT EL.	DETAIL / DIA	NOTES
COORDINATES OF THE SERVICE LINES					
1	218505.49	573409.51	565.59	TAPPING SADDLE / 63/32	SERVICE LINE
2	218510.01	573407.51	565.65	TAPPING SADDLE / 63/32	SERVICE LINE
3	218518.79	573403.76	565.92	TAPPING SADDLE / 63/32	SERVICE LINE
4	218523.29	573401.39	569.32	TAPPING SADDLE / 63/32	SERVICE LINE
5	218525.75	573400.16	568.41	TAPPING SADDLE / 63/32	SERVICE LINE
6	218529.69	573398.37	566.27	TAPPING SADDLE / 63/32	SERVICE LINE
7	218541.20	573393.14	566.51	TAPPING SADDLE / 63/32	SERVICE LINE
8	218545.13	573391.35	566.57	TAPPING SADDLE / 63/32	SERVICE LINE
9	218545.76	573391.07	566.58	TAPPING SADDLE / 63/32	SERVICE LINE
10	218549.69	573389.28	566.64	TAPPING SADDLE / 63/32	SERVICE LINE
11	218560.82	573383.89	566.68	TAPPING SADDLE / 63/32	SERVICE LINE
12	218564.57	573381.71	566.65	TAPPING SADDLE / 63/32	SERVICE LINE
13	218568.10	573379.12	566.63	TAPPING SADDLE / 63/32	SERVICE LINE
14	218576.08	573372.14	566.5	TAPPING SADDLE / 63/32	SERVICE LINE
15	218579.05	573368.58	566.43	TAPPING SADDLE / 63/32	SERVICE LINE
16	218586.18	573356.45	566.11	TAPPING SADDLE / 63/32	SERVICE LINE
17	218587.34	573353.44	566.01	TAPPING SADDLE / 63/32	SERVICE LINE
18	218588.64	573349.61	565.89	TAPPING SADDLE / 63/32	SERVICE LINE
19	218589.88	573345.41	565.42	TAPPING SADDLE / 63/32	SERVICE LINE
20	218590.75	573337.51	565.5	TAPPING SADDLE / 63/32	SERVICE LINE
21	218591.06	573333.21	565.36	TAPPING SADDLE / 63/32	SERVICE LINE
22	218588.66	573318.05	564.84	TAPPING SADDLE / 63/32	SERVICE LINE
23	218587.64	573314.91	564.64	TAPPING SADDLE / 63/32	SERVICE LINE
24	218584.36	573306.65	564.34	TAPPING SADDLE / 63/32	SERVICE LINE
25	218584.22	573306.33	564.35	TAPPING SADDLE / 63/32	SERVICE LINE
26	218575.29	573291.19	563.8	TAPPING SADDLE / 63/32	SERVICE LINE
27	218572.59	573287.82	563.65	TAPPING SADDLE / 63/32	SERVICE LINE
28	218565.54	573280.54	563.17	TAPPING SADDLE / 63/32	SERVICE LINE
29	218562.37	573277.59	563.16	TAPPING SADDLE / 63/32	SERVICE LINE
30	218561.59	573276.87	563.12	TAPPING SADDLE / 63/32	SERVICE LINE
31	218556.83	573273.71	562.92	TAPPING SADDLE / 63/32	SERVICE LINE
32	218542.23	573266.04	562.38	TAPPING SADDLE / 63/32	SERVICE LINE
33	218537.87	573264.45	562.24	TAPPING SADDLE / 63/32	SERVICE LINE
34	218536.35	573263.96	562.19	TAPPING SADDLE / 63/32	SERVICE LINE
35	218532.19	573262.81	562.04	TAPPING SADDLE / 63/32	SERVICE LINE
36	218521.38	573260.96	561.71	TAPPING SADDLE / 63/32	SERVICE LINE
37	218517.07	573260.65	561.57	TAPPING SADDLE / 63/32	SERVICE LINE
38	218509.76	573261.34	561.19	TAPPING SADDLE / 63/32	SERVICE LINE
39	218500.76	573261.68	561.12	TAPPING SADDLE / 63/32	SERVICE LINE
40	218498.73	573262.06	561.06	TAPPING SADDLE / 63/32	SERVICE LINE
41	218495.70	573262.60	560.97	TAPPING SADDLE / 63/32	SERVICE LINE
42	218479.66	573266.53	560.74	TAPPING SADDLE / 63/32	SERVICE LINE
43	218468.99	573271.494	560.75	TAPPING SADDLE / 63/32	SERVICE LINE
44	218468.73	573275.13	560.75	TAPPING SADDLE / 63/32	SERVICE LINE
45	218456.26	573286.44	560.95	TAPPING SADDLE / 63/32	SERVICE LINE
46	218455.09	573290.23	561.08	TAPPING SADDLE / 63/32	SERVICE LINE
47	218445.41	573302.42	561.45	TAPPING SADDLE / 63/32	SERVICE LINE
48	218444.62	573304.00	561.5	TAPPING SADDLE / 63/32	SERVICE LINE
49	218443.48	573306.29	561.56	TAPPING SADDLE / 63/32	SERVICE LINE
50	218442.57	573308.16	561.62	TAPPING SADDLE / 63/32	SERVICE LINE
51	218435.92	573325.46	562.1	TAPPING SADDLE / 63/32	SERVICE LINE
52	218432.52	573334.88	562.36	TAPPING SADDLE / 63/32	SERVICE LINE
PIPELINE DETAILS COORDINATES TABLE					
53	218488.72	573417.59	565.1	COUPLER / 63	MAINLINE
54	218429.49	573343.24	563.21	TEE / 63X63X63	MAINLINE

- NOTES**
- ALL DIMENSIONS ARE IN M UNLESS OTHERWISE STATED.
 - ALL PIPES AND FITTINGS RELATED TO THIS DRAWING ARE FROM PE100 MATERIAL.
 - GATE VALVES, ALSO AS BALL VALVES, SHOULD BE INSTALLED IN CONJUNCTION WITH EXTENDED SPINDLES AND SURFACE BOXES. VALVES CONNECTION TO MAINLINE SHOULD BE DONE USING COUPLERS.
 - PIPELINE MINIMUM ELASTIC BAND RADIUS SHOULD NOT BE LESS THAN 25D.
 - ACTUAL LOCATIONS AND DEPTHS OF THE UNDERGROUND UTILITIES SHOWN ON THE DRAWING (SEWAGE, DRAINAGE, IRRIGATION AND LIGHTING LINES, ETC.) ARE ESTIMATED VALUES ONLY.
 - CONTRACTOR IS RESPONSIBLE FOR DETECTING AND LOCATING ALL UNDERGROUND OBSTACLES WHETHER SHOWN ON THE DRAWINGS OR NOT.
 - ALL CROSSINGS WORKS SHOULD BE DONE WITH THE PRESENCE OF THE CROSSED LINE OWNER/OPERATOR REPRESENTATIVES.
 - THE CONTRACTOR IS RESPONSIBLE FOR THE EXAMINATION OF THE DIMENSIONS AND THEIR VERIFICATION AT THE SITE. THE CONTRACTOR SHALL CHECK ALL THE DIMENSIONS AND IN THE EVENT OF AN ERROR OR INCONSISTENCY, SHALL INFORM THE SUPERVISOR.
 - THE CONTRACTOR IS RESPONSIBLE FOR DESIGNING, APPROVING AND PERFORMING OF TEMPORARY SUPPORTS DURING CONSTRUCTION FOR ALL ADJACENT OR CROSSING OTHER INFRASTRUCTURES.
 - MARKER POSTS / WARNING SIGNS WILL BE INSTALLED AT THE END OF EACH SERVICE LINE CONNECTION.
 - CONNECTION LINE TIE-INS SHOULD BE DONE USING TAPPING SADDLE DETAIL. THE POSITION OF THE SERVICE LINE CONNECTIONS AND THEIR DIAMETER ARE SHOWN IN THE COORDINATES TABLE IN THE CURRENT DRAWING.

REFERENCES

Reference	Description
SI 5664 PART 3	NATURAL GAS DISTRIBUTION SYSTEM
GGG-STD-CSE-001	GENERAL CONSTRUCTION STANDARDS
DAR-CSC-DSG-0101	TYPICAL SCHEMES OF LAYING THE GAS PIPELINE IN THE TRENCH
DAR-CSC-CIV-0101	TYPICAL ROAD CROSS SECTION

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**NATURAL GAS DISTRIBUTION NETWORK
ROVA 12 ARAD**
Plan & Longitudinal section - Gas Route on Road#5 (between Road#5 and Road#13)

Region/Area: ROVA 12 ARAD

Proj. No: -

Drawing No: DAR-PLN-DSG-0106

Scale: 1:500

Date: 22.06.2021

Design Company Approvals		Client Company Approvals	
Designed	Checked	Approved	Approved
A. Bukatchuk	O. Safanuk	T. Gotsulenko	K. Sigron
22.06.2021	22.06.2021	22.06.2021	22.06.2021

Name: A. Bukatchuk, O. Safanuk, T. Gotsulenko, K. Sigron, Y. Leyel

Sign: [Signatures]

Date: 22.06.2021, 22.06.2021, 22.06.2021, 22.06.2021

