

### 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

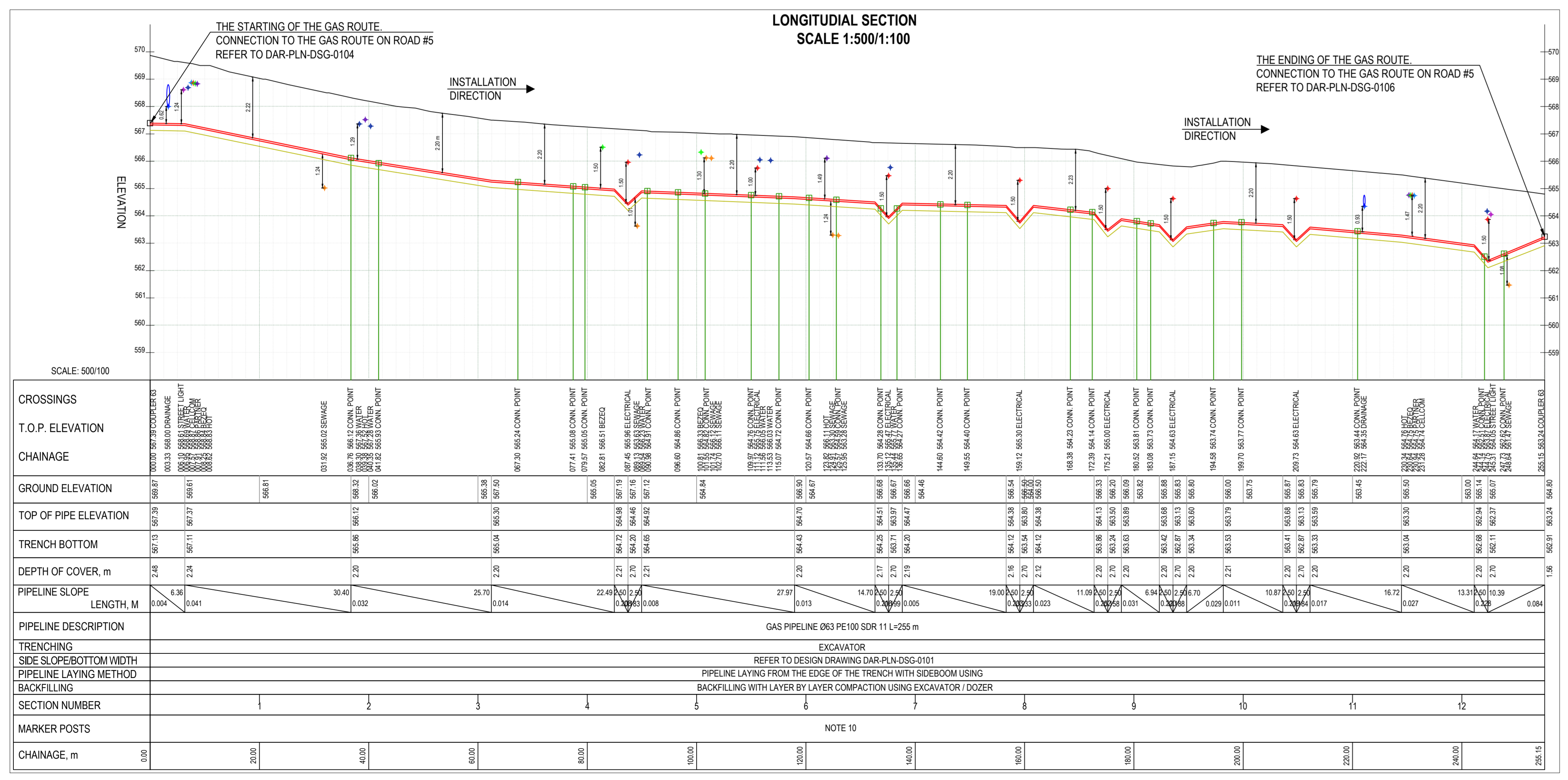
Distance to the building border from left  
Road width

BORDER OF THE CONSTRUCTION PHASE I

- ### 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

NATURAL GAS DISTRIBUTION SYSTEM	SI 5664 PART 3					
GENERAL CONSTRUCTION STANDARDS	GGG-STD-CSE-0001					
TYPICAL SCHEMES OF LAYING THE GAS PIPELINE IN THE TRENCH	DAR-CSC-DSG-0101					
TYPICAL ROAD CROSS SECTION	DAR-CSC-CIV-0101 DAR-CSC-CIV-0102					
Rev.	Date	Description	Revision	BY	CHK	APPD



### 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	255	13	268
2	MARKER TAPE "GAS"	255	13	268
3	TRACER WIRE	255	13	268
4	COUPLER DN 63, PE100			2

### 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	228	50	278
2	MARKER TAPE "GAS"	228	50	278
3	TRACER WIRE	228	50	278
4	TAPPING SADDLE DN 63/32, PE100			25
5	PREFORMED BEND 90° DN 32			25
6	PROTECTIVE SLEEVE DN 32			25
7	GAS STOP (4901D/4901Z) DN 32			25

\*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	218497.70	573484.16	566.12	TAPPING SADDLE / 63/32	SERVICE LINE
2	218493.11	573486.29	565.93	TAPPING SADDLE / 63/32	SERVICE LINE
3	218486.66	573491.52	565.24	TAPPING SADDLE / 63/32	SERVICE LINE
4	218459.06	573488.44	565.08	TAPPING SADDLE / 63/32	SERVICE LINE
5	218457.05	573487.64	565.05	TAPPING SADDLE / 63/32	SERVICE LINE
6	218447.98	573480.82	564.91	TAPPING SADDLE / 63/32	SERVICE LINE
7	218444.39	573476.50	564.86	TAPPING SADDLE / 63/32	SERVICE LINE
8	218441.33	573472.61	564.82	TAPPING SADDLE / 63/32	SERVICE LINE
9	218436.04	573466.06	564.76	TAPPING SADDLE / 63/32	SERVICE LINE
10	218432.82	573462.11	564.72	TAPPING SADDLE / 63/32	SERVICE LINE
11	218429.26	573457.92	564.66	TAPPING SADDLE / 63/32	SERVICE LINE
12	218426.04	573454.10	564.59	TAPPING SADDLE / 63/32	SERVICE LINE
13	218420.84	573447.83	564.28	TAPPING SADDLE / 63/32	SERVICE LINE
14	218418.96	573445.57	564.27	TAPPING SADDLE / 63/32	SERVICE LINE
15	218413.86	573439.46	564.42	TAPPING SADDLE / 63/32	SERVICE LINE
16	218410.69	573435.66	564.40	TAPPING SADDLE / 63/32	SERVICE LINE
17	218399.04	573420.88	564.23	TAPPING SADDLE / 63/32	SERVICE LINE
18	218397.55	573417.18	564.14	TAPPING SADDLE / 63/32	SERVICE LINE
19	218396.31	573409.16	563.81	TAPPING SADDLE / 63/32	SERVICE LINE
20	218396.83	573406.67	563.73	TAPPING SADDLE / 63/32	SERVICE LINE
21	218400.28	573395.72	563.74	TAPPING SADDLE / 63/32	SERVICE LINE
22	218403.08	573391.44	563.77	TAPPING SADDLE / 63/32	SERVICE LINE
23	218415.86	573374.49	563.44	TAPPING SADDLE / 63/32	SERVICE LINE
24	218424.73	573353.07	562.51	TAPPING SADDLE / 63/32	SERVICE LINE
25	218426.39	573349.89	562.62	TAPPING SADDLE / 63/32	SERVICE LINE
PIPELINE DETAILS COORDINATES TABLE					
26	218530.77	573468.77	567.39	COUPLER / 63	MAINLINE
27	218429.50	573343.20	563.24	COUPLER / 63	MAINLINE

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Title: **NATURAL GAS DISTRIBUTION NETWORK**  
**ROVA 12 ARAD**  
**Plan & Longitudinal section - Gas Route on Road#13**

Region/Area: **ROVA 12 ARAD**

Proj. No: -

Drawing No: **DAR-PLN-DSG-0107** Rev.: **P0**

Scale: 1:500 Date: 22.06.2021

Design Company Approvals			Client Company Approvals		
Designed	Checked	Approved	Approved	Approved	Approved
Name: A. Bukatchuk	O. Safaniuk	T. Gotsulenko	K. Sigron	Y. Leyziel	Y. Leyziel
Sign: [Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
Date: 22.06.2021	22.06.2021	22.06.2021	22.06.2021	22.06.2021	22.06.2021