

ქ. ზუგდიდში არსებული "ლიბერთი ბანკი"-ის, ს/კ-ით 43.31.55.115 , გათბობა კონდიციონერების სისტემის პროექტი

KEYPLAN:

GENERAL NOTES:
ქ. ზუგდიდის "ლიბერთი ბანკი"
ს/კ-ით 43.31.55.115

REVISION:		DATE:
A		
B	""	8.12.2022
C		
D		
E		
F		


PROJECT NAME:




PROJECT ADDRES:

CUSTOMER:

CONTRACTOR:

PERFORMED BY:
LLC "TES"



POSITION:	NAME:	SIGNATURE:
DIRECTOR	GIORGI MAGHRADZE	
DESIGNED BY	E.ABRAMASHVILI	
CHECKED BY	G.MAGHRADZE	

DRAWING CODE:

DISCIPLINE:

DRAWING DESCRIPTION:

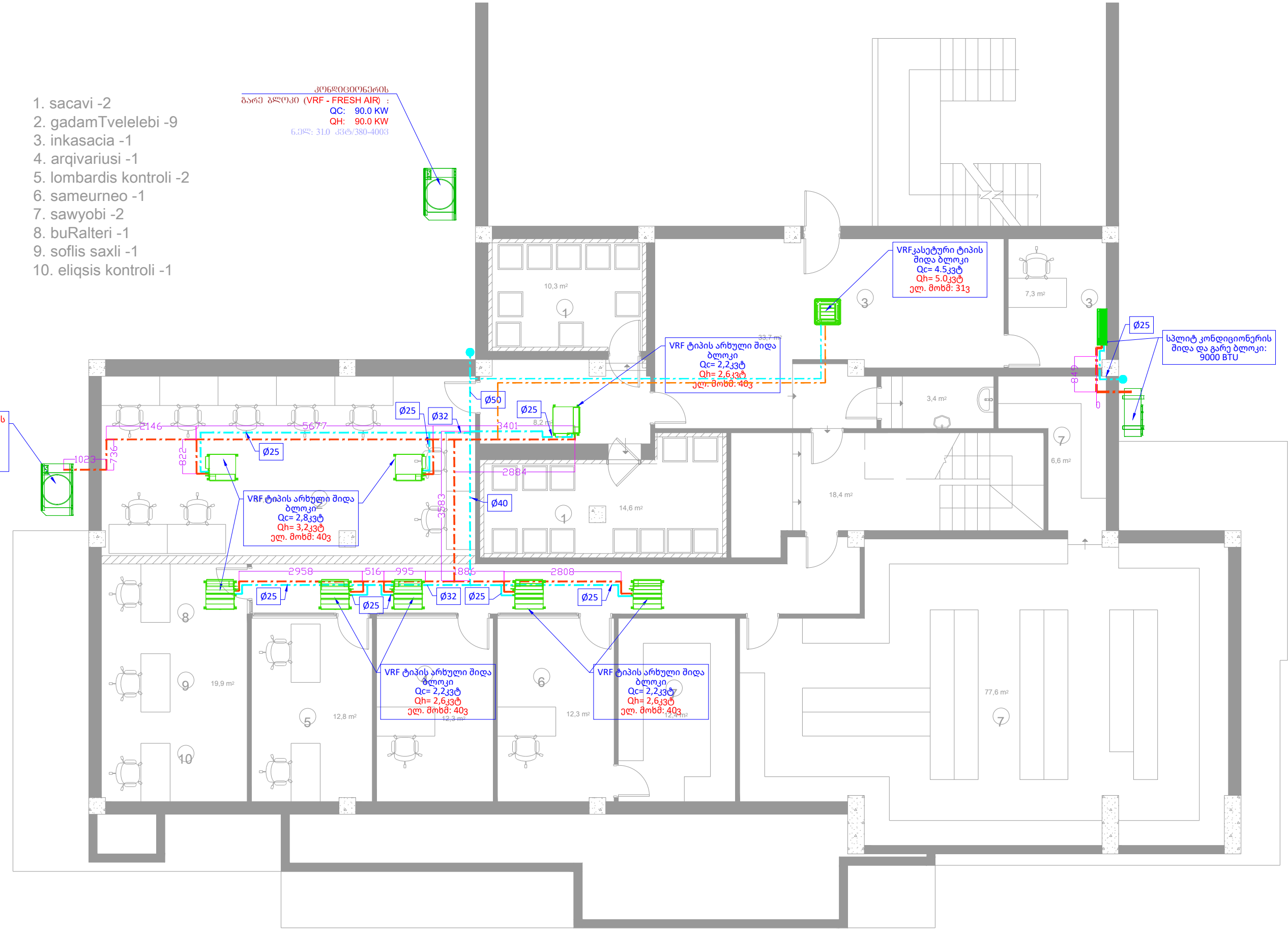
თავჯურცელი

DRAWING STAGE:
CONCEPTUAL PROJECT

PAGE NUMBER:
001

SIGNATURE DATE:	8.12.2022
SCALE:	1:100
PAGE FORMAT:	A3

TBILISI GEORGIA	2022 Year
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- 1. sacavi -2
- 2. gadamTvelelebi -9
- 3. inkasacia -1
- 4. arqivariusi -1
- 5. lombardis kontroli -2
- 6. sameurneo -1
- 7. sawyobi -2
- 8. buRalteri -1
- 9. soflis saxli -1
- 10. eliqsis kontroli -1

კონდიციონერის
გარე ბლოკი (VRF - FRESH AIR) :
Qc: 90.0 KW
QH: 90.0 KW
6.0პლ: 31.0 კვტ/380-400პ

VRFკასეტური ტიპის
შიდა ბლოკი
Qc= 4.5კვტ
Qh= 5.0კვტ
ელ. მოხმ: 313

VRF ტიპის არხული შიდა
ბლოკი
Qc= 2.2კვტ
Qh= 2.6კვტ
ელ. მოხმ: 403

სკალიტ კონდიციონერის
შიდა და გარე ბლოკი:
9000 BTU

VRF ტიპის არხული შიდა
ბლოკი
Qc= 2.8კვტ
Qh= 3.2კვტ
ელ. მოხმ: 403

VRF ტიპის არხული შიდა
ბლოკი
Qc= 2.2კვტ
Qh= 2.6კვტ
ელ. მოხმ: 403

VRF ტიპის არხული შიდა
ბლოკი
Qc= 2.2კვტ
Qh= 2.6კვტ
ელ. მოხმ: 403

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A	
B	8.12.2022
C	
D	
E	
F	

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DIRECTOR	GIORGI MAGHRADZE	
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CHECKED BY	G.MAGHRADZE	

DRAWING CODE:

DISCIPLINE:

DRAWING DESCRIPTION:

-1 სართული

DRAWING STAGE:
გაგრძელება

PAGE NUMBER:
002

SIGNATURE DATE:	8.12.2022
SCALE:	1:100
PAGE FORMAT:	A3

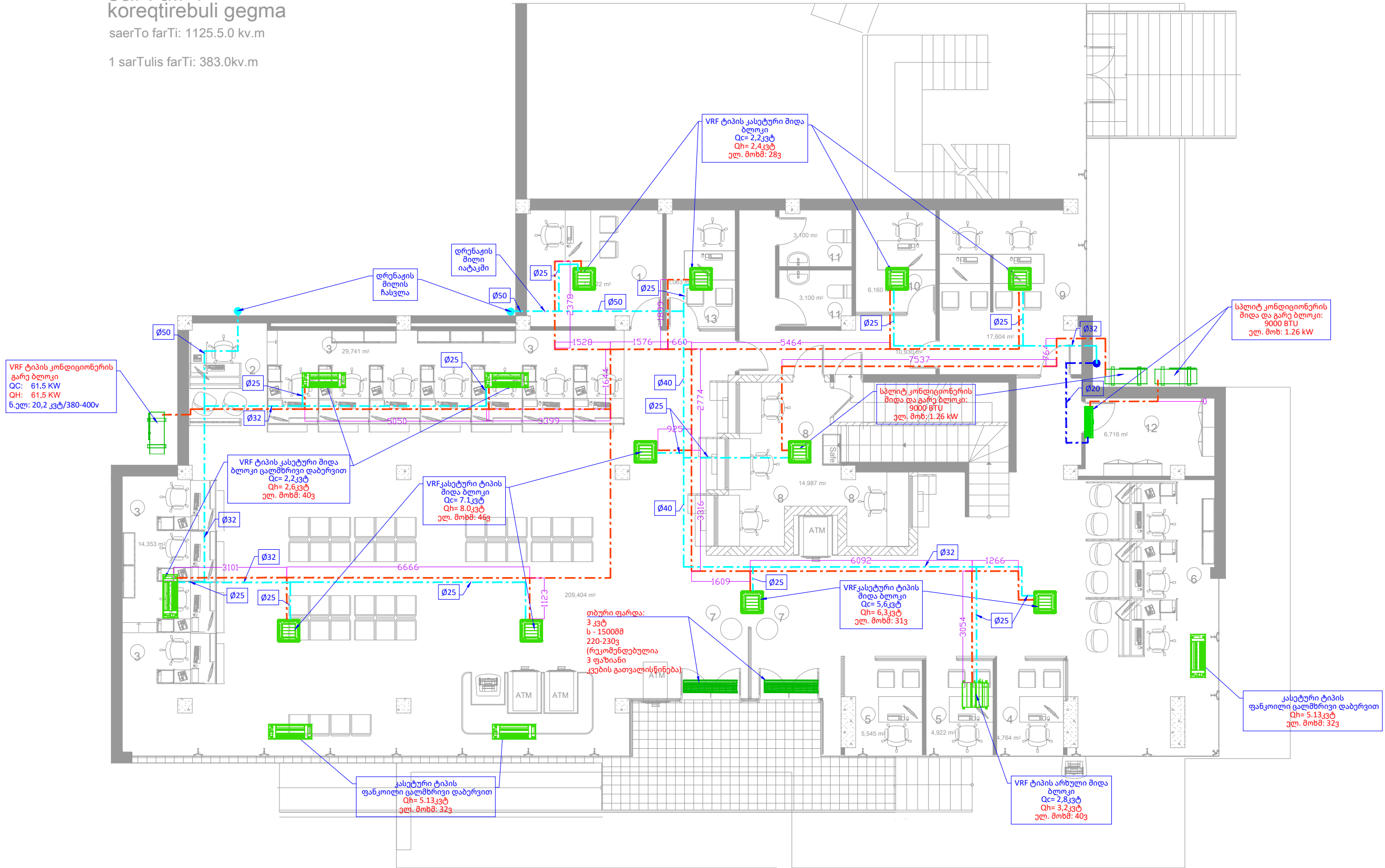
TBILISI GEORGIA	2022 Year
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zugdidis filiali

sarTuli 1 koreqtirebuli gegma

saerTo farTi: 1125.5.0 kv.m

1 sarTulis farTi: 383.0kv.m



KEYPLAN:

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C		
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DISCIPLINE:

DRAWING DESCRIPTION:

1 სართული

DRAWING STAGE:

გაგრილება

PAGE NUMBER:

003

SIGNATURE DATE: 8.12.2022

SCALE: 1:100

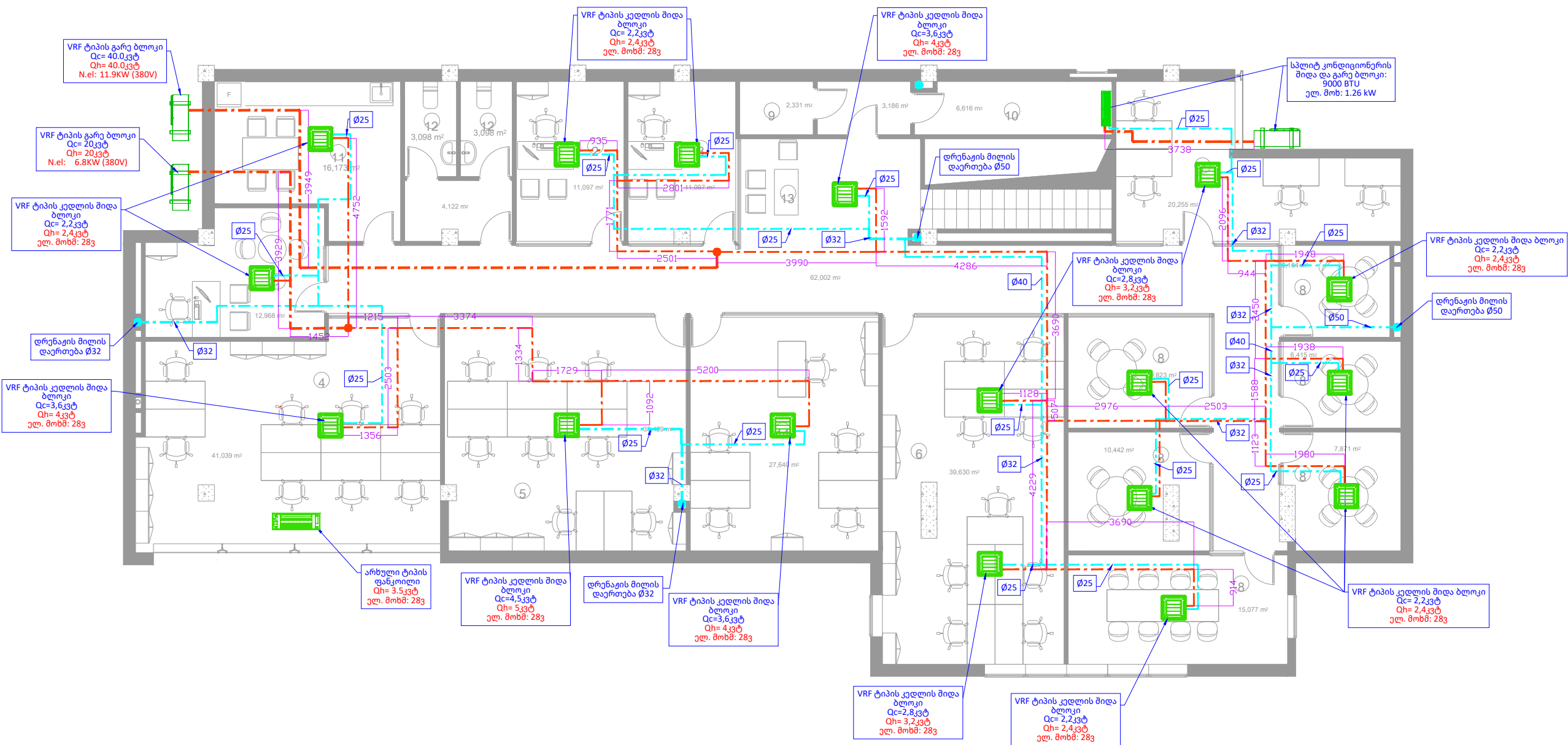
PAGE FORMAT: A3

TBILISI GEORGIA 2022 Year

zugdidis filiali

sarTuli 2
saproeqto gegma

2 sarTulis saerTo farTi: 385.3kv.m



KEYPLAN:

GENERAL NOTES:

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B

C

D

E

F

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სისტემა

PROJECT ADDRESS:

CUSTOMER:

CONTRACTOR:

PERFORMED BY:

LLC "TES"



POSITION: NAME: SIGNATURE:

DIRECTOR GIORGI MAGHRADZE

DESIGNED BY E.ABRAMASHVILI

CHECKED BY G.MAGHRADZE

DRAWING CODE:

DISCIPLINE:

DRAWING DESCRIPTION:

2 სართული

DRAWING STAGE:

გაგრილება

PAGE NUMBER:

004

SIGNATURE DATE: 8.12.2022

SCALE: 1:100

PAGE FORMAT: A3

TBILISI GEORGIA

2022 Year

System2
 MV6-1615WV2GNI CR82.4%
 Cooling Capacity: 50.69 kW
 Heating Capacity: 55.44 kW
 Indoor Total Cooling Capacity: 49.66 kW
 Indoor Total Heating Capacity: 55.44 kW

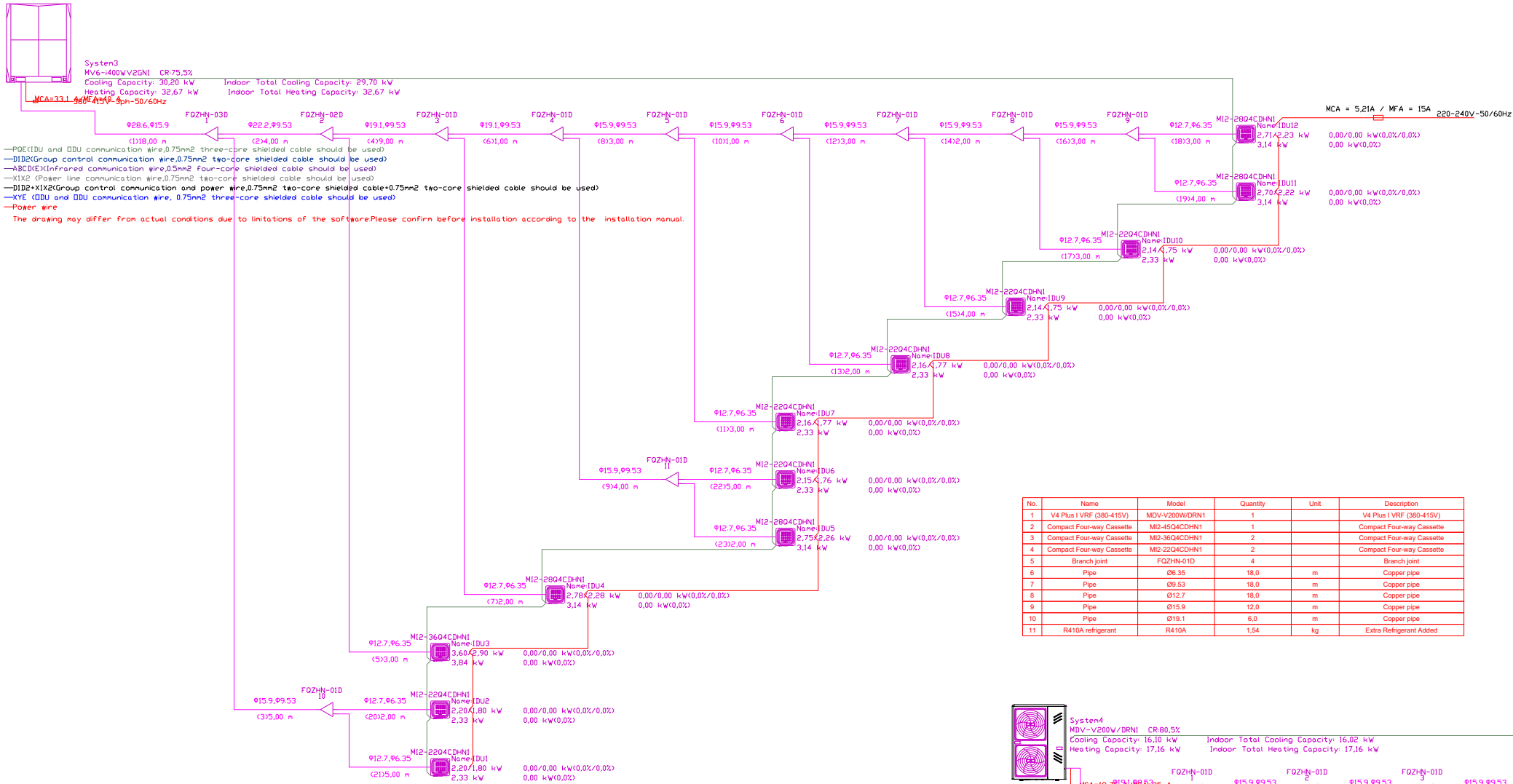
Legend:
 —PQE(IDU and ODU communication wire, 0.75mm² three-core shielded cable should be used)
 —D1D2(Group control communication wire, 0.75mm² two-core shielded cable should be used)
 —ABCD(E)X(Infrared communication wire, 0.5mm² four-core shielded cable should be used)
 —X1X2 (Power line communication wire, 0.75mm² two-core shielded cable should be used)
 —D1D2+X1X2(Group control communication and power wire, 0.75mm² two-core shielded cable+0.75mm² two-core shielded cable should be used)
 —XYE (ODU and ODU communication wire, 0.75mm² three-core shielded cable should be used)
 —Power wire

Room Data Table:

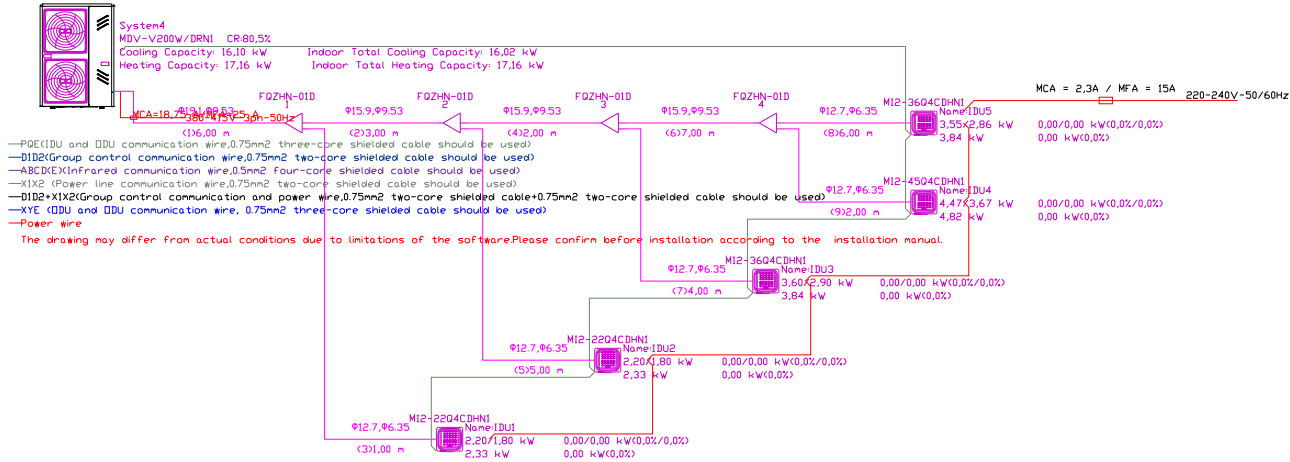
Room	Room Name	Room Area (m ²)	Room Volume (m ³)	Room Cooling Capacity (kW)	Room Heating Capacity (kW)	Room Cooling Capacity (%)	Room Heating Capacity (%)
1	Room 1	12.00	36.00	2.20	2.52	0.00	0.00
2	Room 2	12.00	36.00	2.20	2.52	0.00	0.00
3	Room 3	12.00	36.00	2.20	2.52	0.00	0.00
4	Room 4	12.00	36.00	2.20	2.52	0.00	0.00
5	Room 5	12.00	36.00	2.20	2.52	0.00	0.00
6	Room 6	12.00	36.00	2.20	2.52	0.00	0.00
7	Room 7	12.00	36.00	2.20	2.52	0.00	0.00
8	Room 8	12.00	36.00	2.20	2.52	0.00	0.00
9	Room 9	12.00	36.00	2.20	2.52	0.00	0.00
10	Room 10	12.00	36.00	2.20	2.52	0.00	0.00
11	Room 11	12.00	36.00	2.20	2.52	0.00	0.00
12	Room 12	12.00	36.00	2.20	2.52	0.00	0.00

2022 Year

No.	Name	Model	Quantity	Unit	Description
1	V6+ VRF (380-415V)	MV6-400WV2GN1	1		V6+ VRF (380-415V)
2	Compact Four-way Cassette	M12-3604CDHN1	1		Compact Four-way Cassette
3	Compact Four-way Cassette	M12-3604CDHN1	4		Compact Four-way Cassette
4	Compact Four-way Cassette	M12-2204CDHN1	7		Compact Four-way Cassette
5	Branch joint	FQZHN-01D	9		Branch joint
6	Branch joint	FQZHN-02D	1		Branch joint
7	Branch joint	FQZHN-03D	1		Branch joint
8	Pipe	Ø6.35	38.0	m	Copper pipe
9	Pipe	Ø9.53	35.0	m	Copper pipe
10	Pipe	Ø12.7	38.0	m	Copper pipe
11	Pipe	Ø15.9	39.0	m	Copper pipe
12	Pipe	Ø19.1	10.0	m	Copper pipe
13	Pipe	Ø22.2	4.0	m	Copper pipe
14	Pipe	Ø28.6	18.0	m	Copper pipe
15	R410A refrigerant	R410A	6.26	kg	Extra Refrigerant Added



No.	Name	Model	Quantity	Unit	Description
1	V4 Plus VRF (380-415V)	MDV-V200WDRN1	1		V4 Plus VRF (380-415V)
2	Compact Four-way Cassette	M12-4504CDHN1	1		Compact Four-way Cassette
3	Compact Four-way Cassette	M12-3604CDHN1	2		Compact Four-way Cassette
4	Compact Four-way Cassette	M12-2204CDHN1	2		Compact Four-way Cassette
5	Branch joint	FQZHN-01D	4		Branch joint
6	Pipe	Ø6.35	18.0	m	Copper pipe
7	Pipe	Ø9.53	18.0	m	Copper pipe
8	Pipe	Ø12.7	18.0	m	Copper pipe
9	Pipe	Ø15.9	12.0	m	Copper pipe
10	Pipe	Ø19.1	6.0	m	Copper pipe
11	R410A refrigerant	R410A	1.54	kg	Extra Refrigerant Added



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A		
B	""	8.12.2022
C		
D		
E		
F		

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სისტემა

PROJECT ADDRESS:

CUSTOMER:

CONTRACTOR:

PERFORMED BY:

LLC "TES"



POSITION: NAME: SIGNATURE:

DIRECTOR GIORGI MAGHRADZE

DESIGNED BY E.ABRAMASHVILI

CHECKED BY G.MAGHRADZE

DRAWING CODE:

DISCIPLINE:

DRAWING DESCRIPTION:

გაგრილება

სქემატური დიაგრამა 2 სართული

DRAWING STAGE:

PAGE NUMBER:

001

SIGNATURE DATE: 8.12.2022

SCALE: 1:100

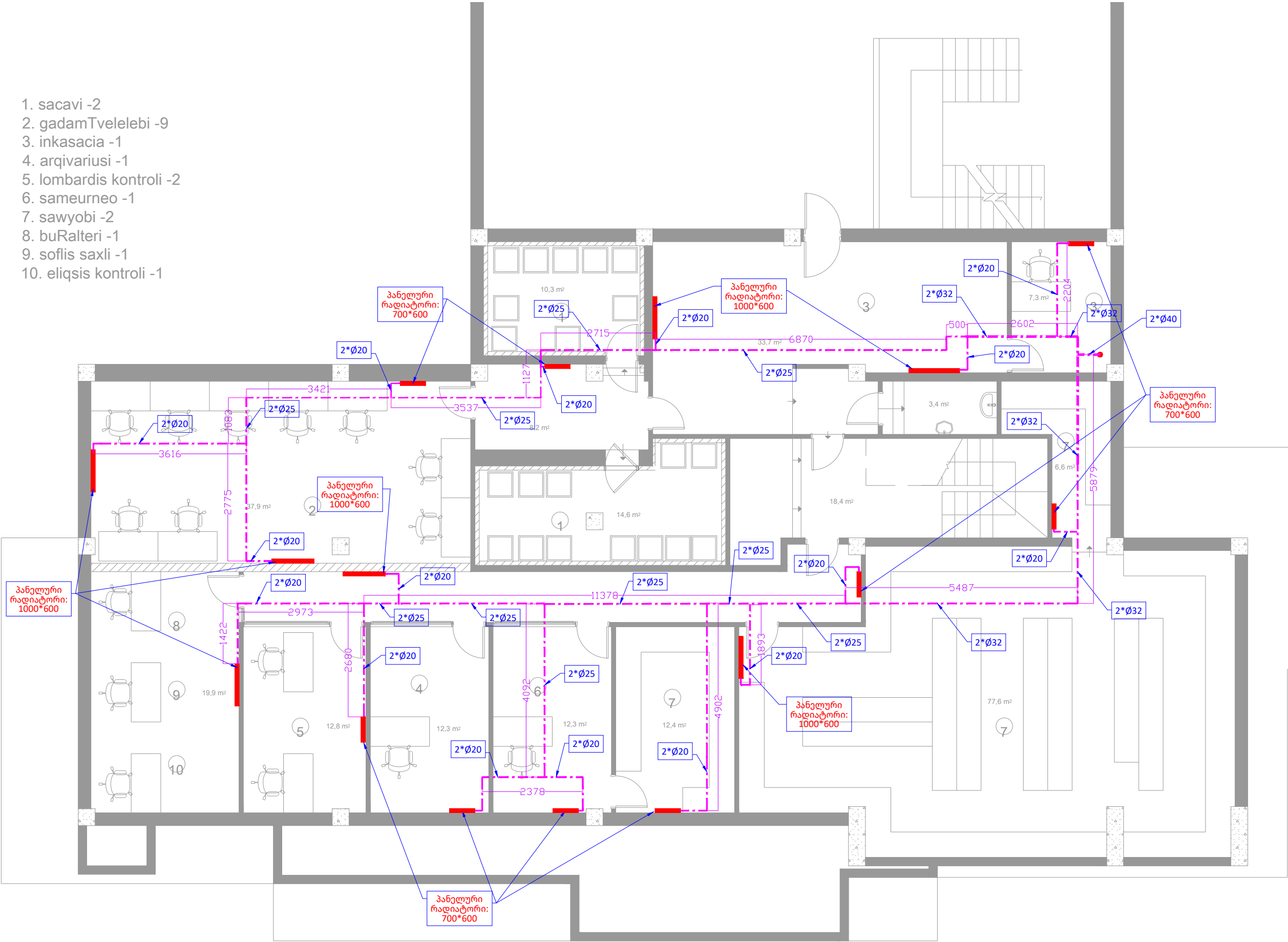
PAGE FORMAT: A3

TBILISI GEORGIA 2022 Year

proeqto gegma

sarTulis farTi: 357.0kv.m

- 1. sacavi -2
- 2. gadamTvelelebi -9
- 3. inkasacia -1
- 4. arqivariusi -1
- 5. lombardis kontroli -2
- 6. sameurneo -1
- 7. sawyobi -2
- 8. buRalteri -1
- 9. soflis saxli -1
- 10. eliqsis kontroli -1



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A	
B	8.12.2022
C	
D	
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F	

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LLC "TES"



POSITION:	NAME:	SIGNATURE:
DIRECTOR	GIORGI MAGHRADZE	
DESIGNED BY	E.ABRAMASHVILI	
CHECKED BY	G.MAGHRADZE	

DRAWING CODE:

DISCIPLINE:

DRAWING DESCRIPTION:

გათბობა

-1 სართული

DRAWING STAGE:

PAGE NUMBER:

001

SIGNATURE DATE: 8.12.2022

SCALE: 1:100

PAGE FORMAT: A3

TBILISI GEORGIA

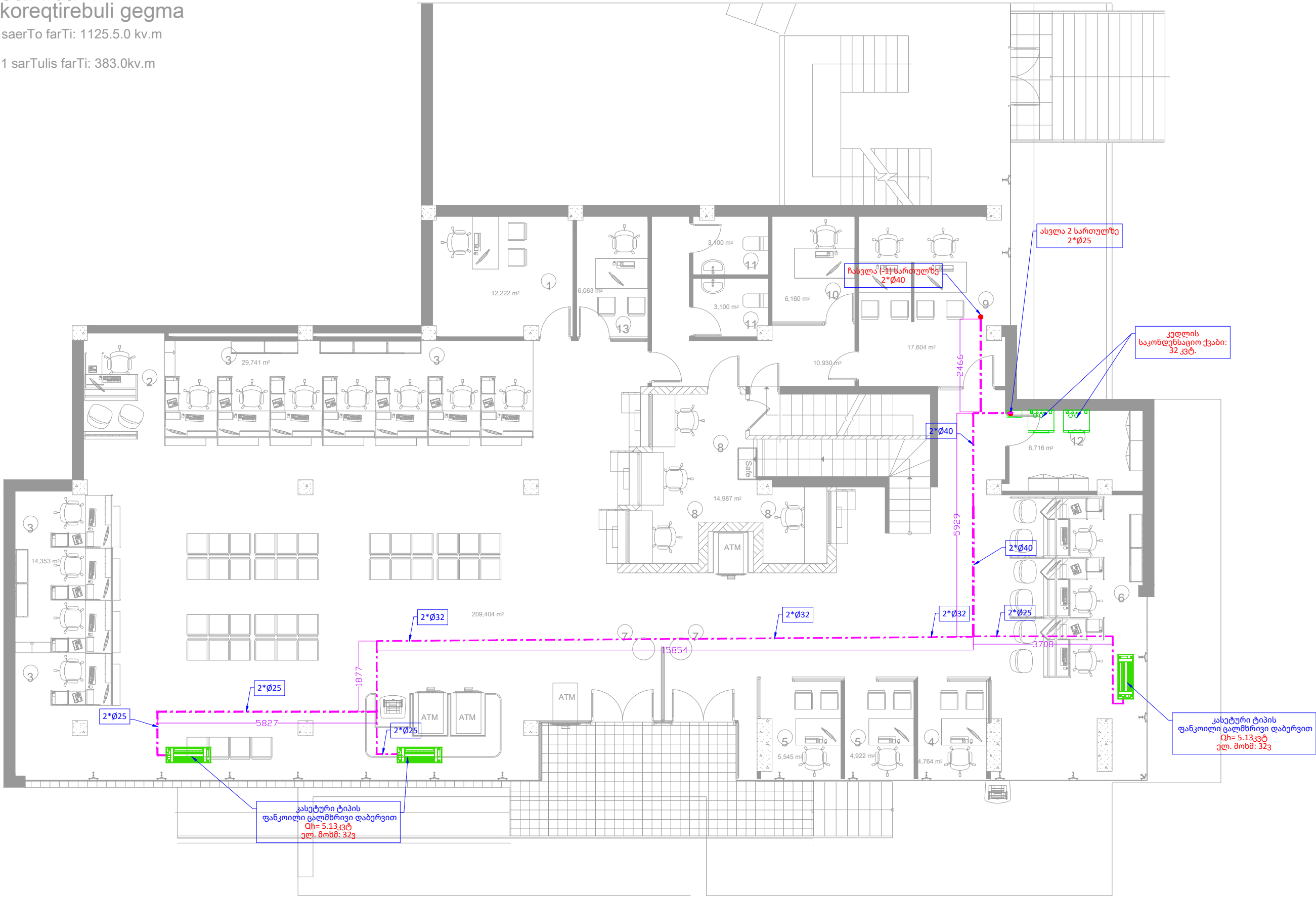
2022 Year

zugdidis filiali

sarTuli 1
koreqtirebuli gegma

saerTo farTi: 1125.5.0 kv.m

1 sarTulis farTi: 383.0kv.m



KEYPLAN:

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A		
B	""	8.12.2022
C		
D		
E		
F		

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POSITION: NAME: SIGNATURE:

DIRECTOR	GIORG MAGHRADZE	
DESIGNED BY	E.ABRAMASHVILI	
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DRAWING CODE:

DISCIPLINE:

DRAWING DESCRIPTION:

გათბობა

1 სართული

DRAWING STAGE:

PAGE NUMBER:

001

SIGNATURE DATE: 8.12.2022

SCALE: 1:100

PAGE FORMAT: A3

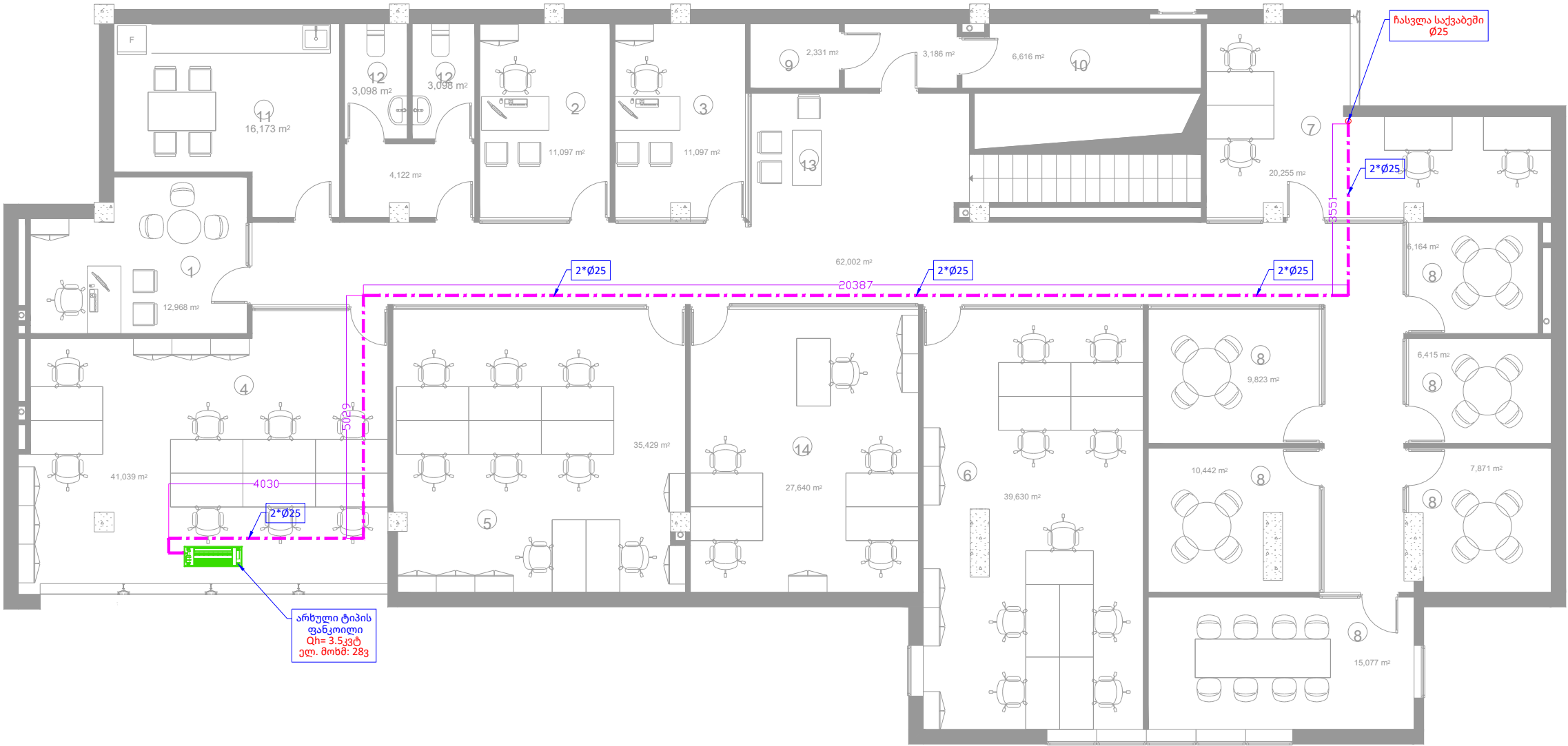
TBILISI GEORGIA

2022 Year

zugdidis filiali

sarTuli 2
saproeqto gegma

2 sarTulis saerTo farTi: 385.3kv.m



KEYPLAN:

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ქ. ზუგდიდის "ლიბერთი ბანკი"
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B

C

D

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PROJECT ADDRESS:

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CONTRACTOR:

PERFORMED BY:

LLC "TES"



POSITION:

DIRECTOR

NAME:

GIORGI MAGHRADZE

SIGNATURE:

გიორგი მაგრაძე

DESIGNED BY

E.ABRAMASHVILI

ე.აბრამაშვილი

CHECKED BY

G.MAGHRADZE

გ.მაგრაძე

DRAWING CODE:

DISCIPLINE:

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გათბობა

2 სართული

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PAGE NUMBER:

001

SIGNATURE DATE:

8.12.2022

SCALE:

1:100

PAGE FORMAT:

A3

TBILISI GEORGIA

2022 Year