Senoba - nagebobis usafrTxoebis wesebtan Sesabamisobis analizi

gamoyenebuli wesebi - "Senoba-nagebobis usafrTxoebis wesebi"

CamoTvaleT Senobis dakavebulebebi daaRwereT TiToeuli gamoyeneba
1. sasawyobe jgufi sw-2 (Riaavtosadgomi 0.000 niSnulze)
2. sacxovrebeli jgufi sc-2 (sacxovrebeli binebi +3.00 dan +22.20 CaTvliT)

konstruqciis tipi:	
gansazRvreT konstruqciis tipi arsebuli SenobisTvis	
gansazRvreT konstruqciis tipi axali SenobisTvis	tipi **I-B**
Sereulikonstruqciis SemTxvevaSimiuTiTeT tipebi, romelic gamoyenebuli iqneba, gansazRvreT tipebi damatimdebareoba	

simaRlis SezRudvebi cxrili 503-is mixedviT		
dakavebuloba	dasaSvebi sarTulianoba	SemoTavaz. sarTulianoba
1. sasawyobe jgufi sw-2	SeuzRudavi	1miwis donis sarTuli
2. sacxovrebeli jgufi sc-2	SeuzRudavi	7miwis donis zedasarTuli
	dasaSvebi simaRle	SemoTavazebuli simaRle
saerTo simaRle	SeuzRudavi	28.80 m.
miwis zemoTsarTulis raodenoba	8 sarTuli	

farTobis SezRudvebi cxrili 503-is mixedviT		
dakavebuloba	dasaSvebi farTobi	SemoTavaz. farTobi
1. sasawyobe jgufi sw-2 +0.000 niSnulze	SeuzRudavi	356.6 kv.m.
2. sacxovrebeli jgufi sc-2 +3.00 niSnulze	SeuzRudavi	438 kv.m.
3. sacxovrebeli jgufi sc-2 +6.20 niSnulze	SeuzRudavi	438 kv.m.
4. sacxovrebeli jgufi sc-2 +9.40 niSnulze	SeuzRudavi	438 kv.m.
5. sacxovrebeli jgufi sc-2 +12.60 niSnulze	SeuzRudavi	438 kv.m.
6. sacxovrebeli jgufi sc-2 +15.80 niSnulze	SeuzRudavi	438 kv.m.
7. sacxovrebeli jgufi sc-2 +19.00 niSnulze	SeuzRudavi	438 kv.m.
7. sacxovrebeli jgufi sc-2 +22.20 niSnulze		425.8 kv.m.
SemoTavazebuli farTobis jami	3410.4 m.	
iatakebis raodenoba	8 sarTuli	
saerTo (sasargeblo) farTobi	3809.8 m.	

gareked liscecxlmedegobisa da Riobebisadmimoxovnebi cxrilebis 602-is da 705.8-is mixedviT							
gare kedlebi	xanZarsawi naaRmdego manZili (metri)	cecxlmedegobis xarisxi (saaTi)		kedlis Riobebis farTobi (kedlis %)			
		moTxovnili	gaTvaliswinebuli	dasaSvebi		gaTvaliswinebuli	
				daculi	daucveli	daculi	daucveli
fasadi 1-6 RerZebSi	9 m-zemeti	0	2	SeuzRudavi	SeuzRudavi		45 %
fasadi 6-1 RerZebSi	9 m-zemeti	0	2	SeuzRudavi	SeuzRudavi		45 %
fasadi a'-d' RerZebSi	9 m-zemeti	0	2	SeuzRudavi	SeuzRudavi		45 %
fasadi d'-a' RerZebSi	0.70	0	2	SeuzRudavi	SeuzRudavi		0 %

TiToeuli sarTulidan gasasvleli saSualebebi									
sarTulebi	dakavebuloba da dakavebulobis datvirTvis jamuri maCvenebeli	moTxovnili gasasvleli ebis/gasasvlel Tan misadgomis raodenoba	gaTvaliswinebuli gasasvleli ebis/gasasvlel Tan misadgomis raodenoba da tipi	gasasvleli saSualebebis sigane (metri)					
				gza-kibeebi		derefnebi		gasasvleli sgza-kari	
				moTxovnili	gaTvaliswinebuli	moTxovnili	gaTvaliswinebuli (minimaluri)	moTxovnili	gaTvaliswinebuli (Tavisufali)
pirveli sarTuli +0.000	sw-2 d.d.19	1	2	1.1	1.2	1.2	1.80	0.82	1
sarTulebi +3.00 dan +22.20 CaTvliT	sc-2 d.d.132	2	2 (gza-kibis saxiT)	1.1	1.2	1.2	1.8	0.82	1.00

wyalsadenisistemebis fiqsirebuli mowyobilobebis raodenoba cxrili 1602.-is mixedviT											
sarTulebi	dakavebuloba da dakavebulobis datvirTvis jamuri maCvenebeli	fiqsirebuli mowyobilobebi									
		unitazi		tualetis xelsabani		abazana/Sxapi		sasmeliwylis fantani		samomsaxureo niJara	
		moTxovnili	gaTvaliswinebuli	moTxovnili	gaTvaliswinebuli	moTxovnili	gaTvaliswinebuli	moTxovnili	gaTvaliswinebuli	moTxovnili	gaTvaliswinebuli
pirveli sarTuli +0.000	sw-2 d.d.19	-	-	-	-	-	-	-	-	-	-

wyalsadenisistemebis fiqsirebuli mowyobilobebis raodenoba sacxovrebeli jgufi sc-2 qvejgufi cxrili 1602.-is mixedviT											
sarTulebi	sacxovrebeli erTeulebi	fiqsirebuli mowyobilobebi									
		unitazi		tualetis xelsabani		abazana/Sxapi		sasmeliwylis fantani		samomsaxureo niJara	
		moTxovnili	gaTvaliswinebuli	moTxovnili	gaTvaliswinebuli	moTxovnili	gaTvaliswinebuli	moTxovnili	gaTvaliswinebuli	moTxovnili	gaTvaliswinebuli
sarTulebi +3.00 dan +22.20 CaTvliT	bina #1 dan bina #50 is CaTvliT	1	1	1	1	1	1	1	1	1 (20 sacxerTeuli ze)	1 (TiToesacxerTeuli ze)

xanZrisgan dacvis sistemebisadmimoTxovnebi						
dakavebuli obebi/sivrcebi/gasasvleli saSualebebi	avtosaxefi sistema	saxanZro gangaSisa da cecxlaRmoCeni sistemebi	saxanZro nigdarbis sistemebi	kvanlis sakontrolo sistemebi	xelis cecxlmaqrebi	xanZris maRTvis centri
Riaavtosadgomi sasawyobo jgufi sw-2					ki	არა
sacxovrebeli jgufi sc-2						
derefani		saxanZro gangaSisa da cecxlaRmoCeni sistemebi (saxanZro gangaSisa da cecxlaRmoCeni sistemebi ar iT maqrebi)	ki	magnitiuri ganiavleba		
lifti (damnevis sisteniT)				ki		
kibisujredi				bunebrivi ganiavleba		
kibisvestibiuli				magnitiuri ganiavleba		

xelSekruleba #	

pirobiTi aRniSvnebi

- RerZis xazi
- sakadastro sazRvari
- Wrilis xazi
- blokis kedeli
- gaZlierebuli betonis kedeli-sveti
- gaTboba-kondicirebis adgili
- misawvdomi svlagezi
- gasasvlelamde misadgomi manZili
- sc-2 / d.d.2 — dakavebulobis jgufi (qvejgufi)
- dakavebulobis datvirTva
- b.#6 / 42.2 / 38.2 / 4.0 — saerTo farTi / sazafxulo farTi
- farTobi Sida konturze binis #
- Riobi filaSi
- kedlis cecxlmedegoba (erTsaaTiani)
- kedlis cecxlmedegoba (orsaaTiani)
- sacxovrebeli dakavebuloba
- sadarbazo
- grunti
- mwvane safari
- cxaura tipis mopirkeTeba (gamlioli)
- struqturuli zedapiris niSnuli
- CrdiloeTis aRniSvna

	simbolos saxelwodeba
	saxanZromilgari
	saxanZro ganyofilebasTankavSirissistema
	sagangebo xmovani gangaSisakomunikaciosistema
	xelis cecxlmaqri
	saxanZro-samaSvelo samsaxurismier gamosayeneblebi/saeRvlebi-nidganti
	kvanlisavtomaturiaRmoCeni
	kvanlizemoreagiremauwyebeli
	avtosaxefi
	saxanZro gangaSisxeliT samaRTvikoli ofi
	gasasvleli

S.ps. "fleqs arqiteqtura"

Tanamdeboba	gvari	xelmowera
direqtori	i. maziaSvili	
proeqtis avtori	i. maziaSvili	

damkveTi:

proeqtis saxelwodeba:
mravalbiniani sacxovrebeli saxli

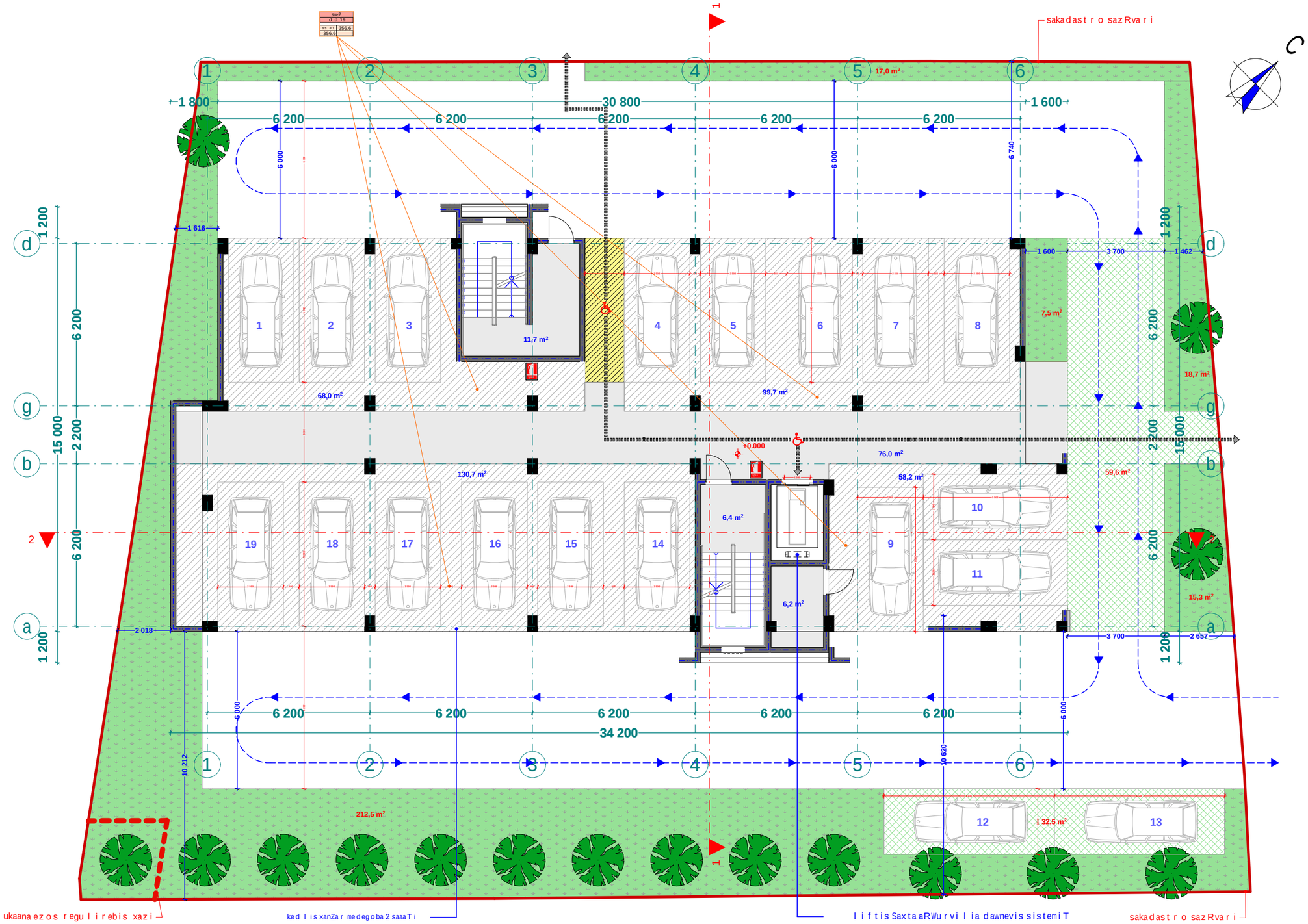
misamarTi:
q.Tbilisi sof. diRomi,

masStabi	TariRi	naxazis dasaxleba
1:100		

stadia	furceli	furclebi
arq. nawili		

pirveli sarTuli segma +0.00
niSnuli ze (+465.60)
m. 1:100

dasaxeleba	dakavebuloba	dakavebulobis datvirTva	saerTo dakavebulobis datvirTva	notaxovnili gzakaris raodenoba/sigane		gaTvaliswinebuli gzakaris raodenoba/sigane	
bina #1	sc-2	3	21	2	0.820 m.	1	1.000 m.
bina #2	sc-2	2		2	0.820 m.	1	1.000 m.
bina #3	sc-2	2		2	0.820 m.	1	1.000 m.
bina #4	sc-2	3		2	0.820 m.	1	1.000 m.
bina #5	sc-2	4		2	0.820 m.	1	1.000 m.
bina #6	sc-2	2		2	0.820 m.	1	1.000 m.
bina #7	sc-2	2		2	0.820 m.	1	1.000 m.
bina #8	sc-2	3		2	0.820 m.	1	1.000 m.



xelSekruleba #

pirobiTi aRniSvnebi

- RerZis xazi
- sakadastro sazRvari
- Wrilis xazi
- blokis kedeli
- gaZlierebuli betonis kedeli-sveti
- gaTboba-kondicirebis adgili
- misawvdomi svla gezi
- gasasvlelande misadgomi manZili
- sc-2 / d.d. 2 — dakavebulobis jgufi (qvejgufi) / dakavebulobis datvirTva
- b. #6 | 42.2 / 38.2 | 4.0 — saerTo farTi / sazaxulo farTi
- farTobi Sida konturze
- binis #
- RiobifilaSi
- kedlis cecxlmedegoba (erTsaaTiani)
- kedlis cecxlmedegoba (orsaaTiani)
- sacxovrebeli dakavebuloba
- sadarbazo
- grunti
- mwvane safari
- cxaura tipis mopirkeTeba (gamWoli)
- struqturuli zedapiris niSnuli
- CrdiloeTis aRniSvna

	simbolos saxelwodeba
	saxanZrominidgari
	saxanZrogan yofilebisTankiviriss istema
	sagangebo xmovani gangaSis sakonunikacio sistema
	xelis cecxlmaqri
	saxanZro-samaSvelo saSuaxuris nier gamoyenebeli risiskeTebeli-hidranti
	kvanlisavtomaturi aRmoCeni
	kvanlzemoregire mauwyebeli
	avtosaSxefi
	saxanZrogangaSisxeliTsamaRtvaikoloti
	gasasvleli

შპს "ფლექს არქიტექტურა"
404920216
FLEX
ARCHITECTURE

FLEX
ARCHITECTURE

S.p.s. "fleqs arqiteqtura"		
Tanamdeboba	gvari	xelmowera
direqtori	i. maziaSvili	
proeqtisavtori	i. maziaSvili	

damkveTi:

proeqtis saxelwodeba:
mravalbiniani sacxovrebeli saxli

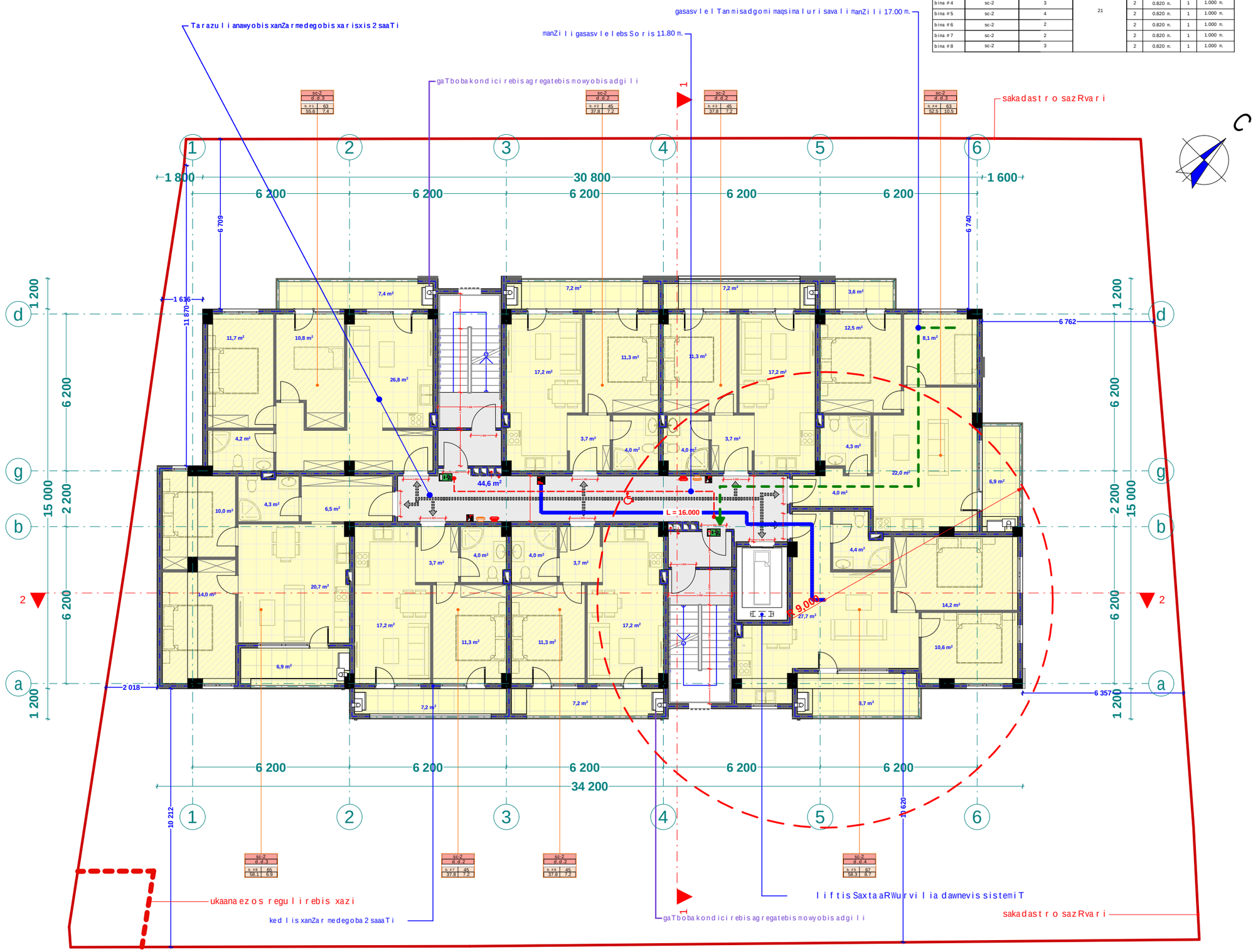
misamarTi:
q.Tbilisi sof. diRomi,

masStabi	TariRi	naxazis dasaxeleba
1:100		

stadia	furceli	furclebi
arq. nawili		

meoresar Tulisgegma +3.00
niSnulze
m. 1:100

dasaxeleba	dakavebuloba	dakavebulobis datvirTva	saerTo dakavebulobis datvirTva	moTxovnili gza-karis raodenoba/sigane		gaTvaliswinebuli gza-karis raodenoba/sigane	
bina #1	sc-2	3	21	2	0.820 m.	1	1.000 m.
bina #2	sc-2	2		2	0.820 m.	1	1.000 m.
bina #3	sc-2	2		2	0.820 m.	1	1.000 m.
bina #4	sc-2	3		2	0.820 m.	1	1.000 m.
bina #5	sc-2	4		2	0.820 m.	1	1.000 m.
bina #6	sc-2	2		2	0.820 m.	1	1.000 m.
bina #7	sc-2	2		2	0.820 m.	1	1.000 m.
bina #8	sc-2	3		2	0.820 m.	1	1.000 m.



xelSekruleba #

pirobiTi aRniSvnebi

- RerZis xazi
- sakadastro sazRvari
- Wrilis xazi
- blokis kedeli
- gaZlierebuli betonis kedeli-sveti
- gaTboba-kondicirebis adgili
- misawvdomi svla gezi
- gasasvlelande misadgomi manZili
- sc-2 / d.d.2 — dakavebulobis jgufi (qvejgufi); dakavebulobis datvirTva
- b. #6 42.2 / 38.2 4.0 — saerTo farTi; sazafxulo farTi; farTobi Sida konturze; binis #
- Riobi filaSi
- kedlis cecxlmedegoba (erTsaaTiani)
- kedlis cecxlmedegoba (orsaaTiani)
- sacxovrebeli dakavebuloba
- sadarbazo
- grunti
- mwvane safari
- cxaura tipis mopirkeTeba (gamWoli)
- struqturuli zedapiris niSnuli
- CrdiloeTis aRniSvna

	simbolos saxelwodeba
	saxanZro mildgari
	saxanZro ganyofilebasTankavSirissistema
	sagangebo xmovani gangaSis sakomunikacio sistema
	xelis cecxlmaqri
	saxanZro-samaSvelo samsaxurismier gamosayenebeli misaerTebeli-hidranti
	kvanlis avtomaturi aRmonCeni
	kvanlzemoreagire mauwyebeli
	avtosaSxefi
	saxanZro gangaSis xeliT samaRTvaikolofi
	gasasvleli

შპს "ფლექს არქიტექტურა"
404920216
FLEX ARCHITECTURE

FLEX ARCHITECTURE

S.p.s. "fleqs arqiteqtura"		
Tanamdeboba	gvari	xelmowera
direqtori	i. maziaSvili	
proeqtis avtori	i. maziaSvili	

damkveTi:

proeqtis saxelwodeba:
mravalbiniani sacxovrebeli saxli

misamarTi:
q.Tbilisi sof. diRomi,

masStabi	TariRi	naxazis dasaxeleba
1:100		

stadia	furceli	furclebi
arq. nawili		

mesame sa r Tu l is gegma +6.20
niSnu l ze
m. 1:100

dasaxe l eba	dakavebu l oba	dakavebu l obis datvi r Tva	saer To dakavebu l obis datvi r Tva	no Txovni l i gza-kar is rao denoba/sigane		gaTva l iswinebu l i gza-kar is rao denoba/sigane	
bina #9	sc-2	3	21	2	0.820 m.	1	1.000 m.
bina #10	sc-2	2		2	0.820 m.	1	1.000 m.
bina #11	sc-2	2		2	0.820 m.	1	1.000 m.
bina #12	sc-2	3		2	0.820 m.	1	1.000 m.
bina #13	sc-2	4		2	0.820 m.	1	1.000 m.
bina #14	sc-2	2		2	0.820 m.	1	1.000 m.
bina #15	sc-2	2		2	0.820 m.	1	1.000 m.
bina #16	sc-2	3		2	0.820 m.	1	1.000 m.

Ta razu l i anawy o bis xanZa r medegobis xa r isxis 2 saaTi
manZi l i gasasv l e l ebs So r is 11.80 m.
gasasv l e l Tan misadgomi maqsima l u r i sava l i manZi l i 17.00 m.
gaTboba kondici r ebis agregatebis mowyobis adgi l i
sakadast r o sazRvari
ukaana ez o s regu l i r ebis xazi
ked l is xanZa r medegoba 2 saaTi
l i f t is Saxta aRWur v i l ia dawnevis sistemiT
gaTboba kondici r ebis agregatebis mowyobis adgi l i
sakadast r o sazRvari

sc-2 d.d.3 | b.#16 | 65 | 55.6 | 7.4
sc-2 d.d.2 | b.#15 | 45 | 37.8 | 7.2
sc-2 d.d.2 | b.#14 | 45 | 37.8 | 7.2
sc-2 d.d.3 | b.#12 | 63 | 52.5 | 10.5
sc-2 d.d.3 | b.#16 | 65 | 58.1 | 6.9
sc-2 d.d.2 | b.#15 | 45 | 37.8 | 7.2
sc-2 d.d.2 | b.#14 | 45 | 37.8 | 7.2
sc-2 d.d.4 | b.#13 | 87 | 58.3 | 8.7

1 800 | 30 800 | 1 600 | 34 200
6 200 | 6 709 | 6 740 | 11 870 | 1 616 | 6 762 | 1 200 | 15 000 | 2 200 | 6 200 | 2 018 | 6 357 | 10 212 | 10 620
44,6 m² | +6.200 | L = 16.000 | 9.000

xe l Sekru l eba

p i r obi T i aRni Svnebi

- a — RerZis xazi
- sakadast r o sazRvari
- W r i l is xazi
- b l okis kedel i
- gaZ l ierebu l i be t onis kedel i-sveti
- gaTboba-kondici r ebis adgi l i
- misawvdomi sv l a gezi
- gasasv l e l ande misadgomi manZi l i
- sc-2 / d.d.2 — dakavebu l obis jgufi (qvejgufi) / dakavebu l obis datvi r Tva
- b. #6 | 42.2 / 38.2 | 4.0 — saer To farTi / sazaxu l o farTi
- farTobi Sida konturze
- binis #
- Ri obi f i l aSi
- ked l is cecx l medegoba (er TsaaTiani)
- ked l is cecx l medegoba (or saaTiani)
- sacxovrebe l i dakavebu l oba
- sadarbazo
- grunti
- mwvane safari
- cxaura t ipis mopirkeTeba (gamWo l i)
- s t ruqturu l i zedapiris niSnu l i
- C r d i l oeTis aRni Svna

	s imbo l os saxe l wo deba
sc	saxanZ r o mi l dgar i
	saxanZ r o ganyo f i l ebasTan kavSi r i s sistema
	sagangebo xmovani gangaSis sakomunikacio sistema
	xe l is cecx l maq r i
	saxanZ r o-samaSve l o sa i saxu r i s ni S ni er gamo sayenebe l i ni S ni saT ebe l i - ni d r anti
	kvan l i s avt o matu r i aRmoCeni
	kvan l i zemo reagi r ebe l i
	avt o saSxe f i
	saxanZ r o gangaSis xe l i T samaR Tvai ko l o f i
	gasasv l e l i

შპს "ფლექს არქიტექტურა"
404920216
FLEX ARCHITECTURE

FLEX ARCHITECTURE

S.p.s. "f l eqs arqi teqtura"		
Tanamdeboba	gvari	xe l mowera
d i reqt o r i	i. maziaSv i l i	
proeqt is avt o r i	i. maziaSv i l i	

damkveTi:

proeqt is saxe l wo deba:
mravalbiniani sacxovrebe l i saxl i

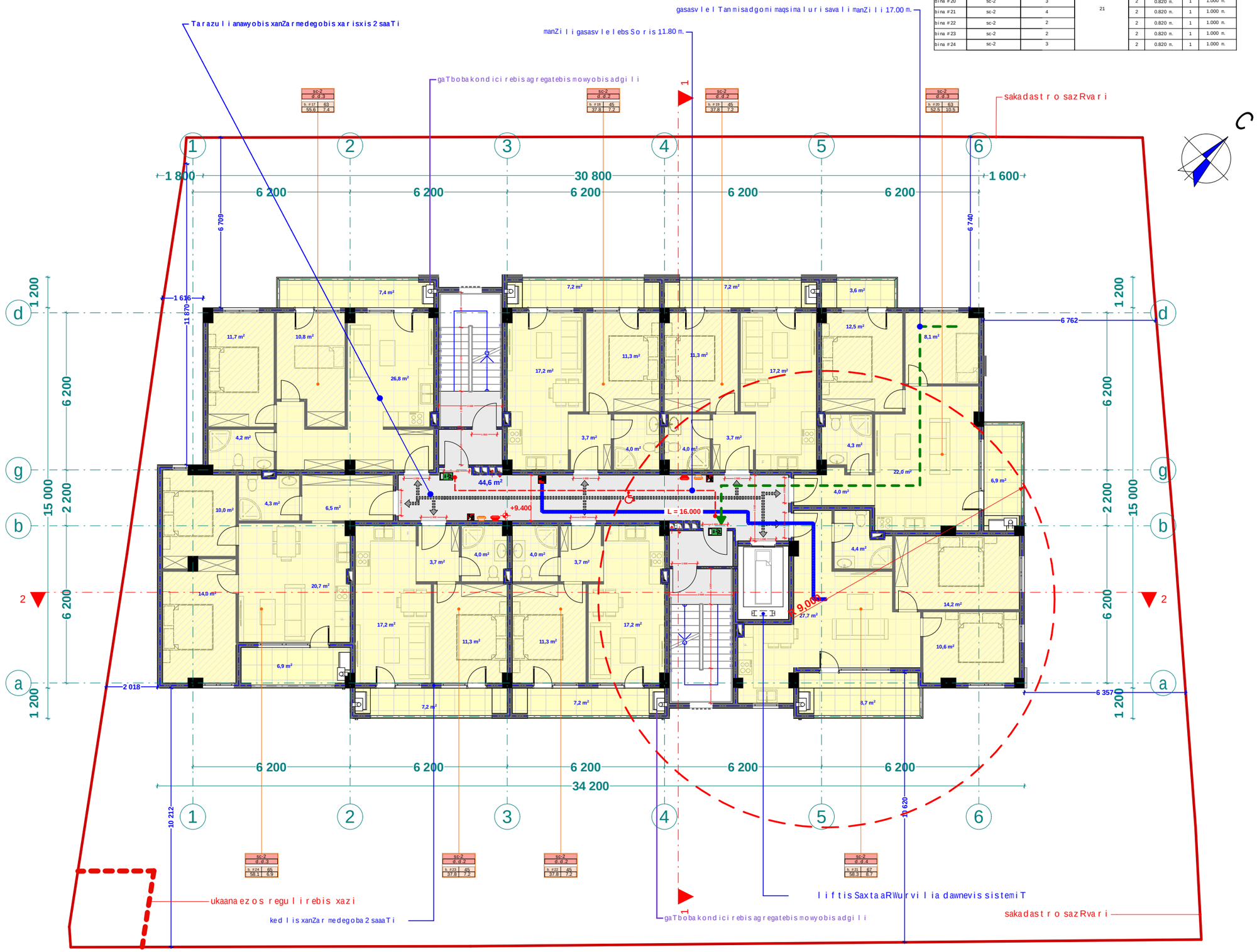
misamarTi:
q.Tbi l isi so f. diRomi,

masSt abi	TariRi	naxazis dasaxe l eba
1:100		

s t adia	f u r ce l i	f u r c l ebi
arq. nawi l i		

meoTxesarTulisgegma +9.40
niSnulze
m. 1:100

dasaxeleba	dakavebuloba	dakavebulobis datvirTva	saerTo dakavebulobis datvirTva	moTxovnili gza-karis raodenoba/sigane		gaTvaliswinebuli gza-karis raodenoba/sigane	
bina #17	sc-2	3	21	2	0.820 m.	1	1.000 m.
bina #18	sc-2	2		2	0.820 m.	1	1.000 m.
bina #19	sc-2	2		2	0.820 m.	1	1.000 m.
bina #20	sc-2	3		2	0.820 m.	1	1.000 m.
bina #21	sc-2	4		2	0.820 m.	1	1.000 m.
bina #22	sc-2	2		2	0.820 m.	1	1.000 m.
bina #23	sc-2	2		2	0.820 m.	1	1.000 m.
bina #24	sc-2	3		2	0.820 m.	1	1.000 m.



xelSekruleba #

pirobiTi aRniSvnebi

- RerZis xazi
- sakadastro sazRvari
- Wrilis xazi
- blokis kedeli
- gaZlierebuli betonis kedeli-sveti
- gaTboba-kondicirebis adgili
- misawvdomi svla gezi
- gasasvlelamde misadgomi manZili
- sc-2 — dakavebulobis jgufi (qvejgufi)
- d.d.2 — dakavebulobis datvirTva
- b. #6 42.2 — saerTo farTi
- 38.2 4.0 — sazafxulo farTi
- farTobi Sida konturze
- binis #
- Riobi filaSi
- kedlis cecxlmedegoba (erTsaaTiani)
- kedlis cecxlmedegoba (orsaaTiani)
- sacxovrebeli dakavebuloba
- sadarbazo
- grunti
- mwvane safari
- cxaura tipis mopirkeTeba (gamWoli)
- struqturuli zedapiris niSnuli
- CrdiloeTis aRniSvna

	simbolos saxelwodeba
	saxanZro mildgari
	saxanZro ganyofilebasTankavSirissistema
	sagangebo xmovani gangaSis sakomunikacio sistema
	xelis cecxlmaqri
	saxanZro-samaSvelo samsaxurismier gamosayenebeli misaerTebeli-hidranti
	kvanlis avtomaturi aRmonCeni
	kvanlzemo reagire mauwyebeli
	avtosaSxefi
	saxanZro gangaSis xeliT samaRTvaikolofi
	gasasvleli

შპს "ფლექს არქიტექტურა"
404920216
FLEX ARCHITECTURE

FLEX ARCHITECTURE

S.p.s. "fleqs arqiteqtura"		
Tanamdeboba	gvari	xelmowera
direqtori	i. maziaSvili	
proeqtis avtori	i. maziaSvili	

damkveTi:

proeqtis saxelwodeba:
mravalbiniani sacxovrebeli saxli

misamarTi:
q.Tbilisi sof. diRomi,

masStabi	TariRi	naxazis dasaxeleba
1:100		

stadia	furceli	furclebi
arq. nawili		

mexuTe sa r Tu l is gegma +12.60
niSnu l ze
m. 1:100

dasaxe l eba	dakavebu l oba	dakavebu l obis datvi r Tva	saer To dakavebu l obis datvi r Tva	no Txovni l i gza-kar is rao denoba/sigane		gaTva l iswinebu l i gza-kar is rao denoba/sigane	
bina #25	sc-2	3	21	2	0.820 m.	1	1.000 m.
bina #26	sc-2	2		2	0.820 m.	1	1.000 m.
bina #27	sc-2	2		2	0.820 m.	1	1.000 m.
bina #28	sc-2	3		2	0.820 m.	1	1.000 m.
bina #29	sc-2	4		2	0.820 m.	1	1.000 m.
bina #30	sc-2	2		2	0.820 m.	1	1.000 m.
bina #31	sc-2	2		2	0.820 m.	1	1.000 m.
bina #32	sc-2	3		2	0.820 m.	1	1.000 m.

Ta razu l i anawyobis xanZa r medegobis xa r isxis 2 saaTi

manZi l i gasasv l e l ebs So r is 11.80 m.

gasasv l e l Tan misadgomi maqsima l u r i sava l i manZi l i 17.00 m.

gaTboba kondici r ebis agregatebis mowyobis adgi l i

sakadast r o sazRvari

sc-2 d.d.3 — b.#25 63 / 55.6 7.4

sc-2 d.d.2 — b.#27 45 / 37.8 7.2

sc-2 d.d.2 — b.#31 45 / 37.8 7.2

sc-2 d.d.3 — b.#28 63 / 52.5 10.5

1 800 | 30 800 | 1 600

6 200 | 6 200 | 6 200 | 6 200 | 6 200

6 709 | 6 740

1 200 | 6 200 | 15 000 | 2 200

1 636 | 11 870 | 6 762

2 018 | 6 357

34 200

10 212 | 10 620

+12.600 | +9.000

L = 16.000

44,6 m²

ukaana ez o s r egu l i r ebis xazi

ked l is xanZa r medegoba 2 saaTi

gaTboba kondici r ebis agregatebis mowyobis adgi l i

l i f t is Saxta aRWur v i l ia dawnevis sistemiT

sakadast r o sazRvari

xe l Sekru l eba

p i r obiTi aRniSvnebi

- RerZis xazi
- sakadast r o sazRvari
- Wr i l is xazi
- b l okis kedel i
- gaZ l ierebu l i be t onis kedel i-sveti
- gaTboba-kondici r ebis adgi l i
- misawvdomi sv l a gezi
- gasasv l e l ande misadgomi manZi l i
- sc-2 / d.d.2 — dakavebu l obis jgufi (qvejgufi) / dakavebu l obis datvi r Tva
- b. #6 42.2 / 38.2 4.0 — saer To far Ti / sazafxu l o far Ti
- far Tobi Sida konturze
- bi n is #
- Ri obi f i l aSi
- ked l is cecx l medegoba (er TsaaTiani)
- ked l is cecx l medegoba (or saaTiani)
- sacxovrebe l i dakavebu l oba
- sadarbazo
- grunti
- mwvane safari
- cxaura t ipis mopirkeTeba (gamWo l i)
- s t r uqturu l i zedapir is niSnu l i
- C r d i l oeTis aRniSvna

	s imbo l os saxe l wodeba
	saxanZ r o mi l dgar i
	saxanZ r o ganyo f i l ebasTan kavSi r i s sistema
	sagangebo xmovani gangaSis sakomunikacio sistema
	xe l is cecx l maq r i
	saxanZ r o-samaSve l o sa msaxu r i s ni s ni e r gamo sayenebe l i ni s ia e r Tebe l i - hidranti
	kvan l i s avtomatu r i aRmoCeni
	kvan l i zemo reagi r ebe l i
	avtomaSxe f i
	saxanZ r o gangaSis xe l i T samaR Tvai ko l o f i
	gasasv l e l i

შპს "ფლექს არქიტექტურა"
404920216
FLEX ARCHITECTURE

FLEX ARCHITECTURE

S.p.s. "f l eqs arqi t eqtura"		
Tanamdeboba	gvari	xe l mowera
d i r eqt o r i	i. maziaSv i l i	
p r oeqt is avt o r i	i. maziaSv i l i	

damkveTi:

proeqtis saxelwodeba:
m r ava l biniani sacxovrebe l i saxl i

misamarTi:
q.Tbi l isi so f. diRomi,

masStabi	TariRi	naxazis dasaxe l eba
1:100		

s t adia	f ur ce l i	f ur c l ebi
arq. nawi l i		

Senoba - nagebobis usafrTxoebis wesebtan Sesabamisobis analizi

gamoyenebuli wesebi - "Senoba-nagebobis usafrTxoebis wesebi"

CamoTvaleT Senobis dakavebulebebi daaRwereT TiToeuli gamoyeneba
1. sasawyobe jgufi sw-2 (Riaavtosadgomi 0.000 niSnulze)
2. sacxovrebeli jgufi sc-2 (sacxovrebeli binebi +3.00 dan +22.20 CaTvliT)

konstruqciis tipi:	
gansazRvreT konstruqciis tipi arsebuli SenobisTvis	
gansazRvreT konstruqciis tipi axali SenobisTvis	tipi **I-B**
Sereulikonstruqciis SemTxvevaSimiuTiTeT tipebi, romelic gamoyenebuli iqneba, gansazRvreT tipebi damatimdebareoba	

simaRlis SezRudvebi cxrili 503-is mixedviT		
dakavebuloba	dasaSvebi sarTulianoba	SemoTavaz. sarTulianoba
1. sasawyobe jgufi sw-2	SeuzRudavi	1miwis donis sarTuli
2. sacxovrebeli jgufi sc-2	SeuzRudavi	7miwis donis zedasarTuli
	dasaSvebi simaRle	SemoTavazebuli simaRle
saerTo simaRle	SeuzRudavi	28.80 m.
miwis zemoTsarTulis raodenoba	8 sarTuli	

farTobis SezRudvebi cxrili 503-is mixedviT		
dakavebuloba	dasaSvebi farTobi	SemoTavaz. farTobi
1. sasawyobe jgufi sw-2 +0.000 niSnulze	SeuzRudavi	356.6 kv.m.
2. sacxovrebeli jgufi sc-2 +3.00 niSnulze	SeuzRudavi	438 kv.m.
3. sacxovrebeli jgufi sc-2 +6.20 niSnulze	SeuzRudavi	438 kv.m.
4. sacxovrebeli jgufi sc-2 +9.40 niSnulze	SeuzRudavi	438 kv.m.
5. sacxovrebeli jgufi sc-2 +12.60 niSnulze	SeuzRudavi	438 kv.m.
6. sacxovrebeli jgufi sc-2 +15.80 niSnulze	SeuzRudavi	438 kv.m.
7. sacxovrebeli jgufi sc-2 +19.00 niSnulze	SeuzRudavi	438 kv.m.
7. sacxovrebeli jgufi sc-2 +22.20 niSnulze		425.8 kv.m.
SemoTavazebuli farTobis jami	3410.4 m.	
iatakebis raodenoba	8 sarTuli	
saerTo (sasargeblo) farTobi	3809.8 m.	

gareked liscecxlmedegobisa da Riobebisadmimoxovnebi cxrilebis 602-is da 705.8-is mixedviT							
gare kedlebi	xanZarsawi naaRmdego manZili (metri)	cecxlmedegobis xarisxi (saaTi)		kedlis Riobebis farTobi (kedlis %)			
		moTxovnili	gaTvaliswinebuli	dasaSvebi		gaTvaliswinebuli	
				daculi	daucveli	daculi	daucveli
fasadi 1-6 RerZebSi	9 m-zemeti	0	2	SeuzRudavi	SeuzRudavi		45 %
fasadi 6-1 RerZebSi	9 m-zemeti	0	2	SeuzRudavi	SeuzRudavi		45 %
fasadi a'-d' RerZebSi	9 m-zemeti	0	2	SeuzRudavi	SeuzRudavi		45 %
fasadi d'-a' RerZebSi	0.70	0	2	SeuzRudavi	SeuzRudavi		0 %

TiToeuli sarTulidan gasasvleli saSualebebi									
sarTulebi	dakavebuloba da dakavebulobis datvirTvis jamuri maCvenebeli	moTxovnili gasasvleli ebis/gasasvlel Tan misadgomis raodenoba	gaTvaliswinebuli gasasvleli ebis/gasasvlel Tan misadgomis raodenoba da tipi	gasasvleli saSualebebis sigane (metri)					
				gza-kibeebi		derefnebi		gasasvleli sgza-kari	
				moTxovnili	gaTvaliswinebuli	moTxovnili	gaTvaliswinebuli (minimaluri)	moTxovnili	gaTvaliswinebuli (Tavisufali)
pirveli sarTuli +0.000	sw-2 d.d.19	1	2	1.1	1.2	1.2	1.80	0.82	1
sarTulebi +3.00 dan +22.20 CaTvliT	sc-2 d.d.132	2	2 (gza-kibis saxiT)	1.1	1.2	1.2	1.8	0.82	1.00

wyalsadenisistemebis fiqsirebuli mowyobilobebis raodenoba cxrili 1602.-is mixedviT											
sarTulebi	dakavebuloba da dakavebulobis datvirTvis jamuri maCvenebeli	fiqsirebuli mowyobilobebi									
		unitazi		tualetis xelsabani		abazana/Sxapi		sasmeliwylis fantani		samomsaxureo niJara	
		moTxovnili	gaTvaliswinebuli	moTxovnili	gaTvaliswinebuli	moTxovnili	gaTvaliswinebuli	moTxovnili	gaTvaliswinebuli	moTxovnili	gaTvaliswinebuli
pirveli sarTuli +0.000	sw-2 d.d.19	-	-	-	-	-	-	-	-	-	-

wyalsadenisistemebis fiqsirebuli mowyobilobebis raodenoba sacxovrebeli jgufi sc-2 qvejgufi cxrili 1602.-is mixedviT											
sarTulebi	sacxovrebeli erTeulebi	fiqsirebuli mowyobilobebi									
		unitazi		tualetis xelsabani		abazana/Sxapi		sasmeliwylis fantani		samomsaxureo niJara	
		moTxovnili	gaTvaliswinebuli	moTxovnili	gaTvaliswinebuli	moTxovnili	gaTvaliswinebuli	moTxovnili	gaTvaliswinebuli	moTxovnili	gaTvaliswinebuli
sarTulebi +3.00 dan +22.20 CaTvliT	bina #1 dan bina #50 is CaTvliT	1	1	1	1	1	1	1	1	1 (20 sacxerTeuli ze)	1 (TiToesacxerTeuli ze)

xanZrisgan dacvis sistemebisadmimoTxovnebi						
dakavebuli obebi/sivrcebi/gasasvleli saSualebebi	avtosaxefi sistema	saxanZro gangaSisa da cecxlaRmoCeni sistemebi	saxanZro nigdarbis sistemebi	kvanlis sakontrolo sistemebi	xelis cecxlmaqrebi	xanZris maRTvis centri
Riaavtosadgomi sasawyobo jgufi sw-2					ki	არა
sacxovrebeli jgufi sc-2						
derefani		saxanZro gangaSisa da cecxlaRmoCeni sistemebi (saxanZro gangaSisa da cecxlaRmoCeni sistemebi ar iT maqrebi)	ki	magnitiuri ganiavleba		
lifti (damnevis sisteniT)				ki		
kibisujredi				bunebrivi ganiavleba		
kibisvestibiuli				magnitiuri ganiavleba		

xelSekruleba #	

pirobiTi aRniSvnebi

- RerZis xazi
- sakadastro sazRvari
- Wrilis xazi
- blokis kedeli
- gaZlierebuli betonis kedeli-sveti
- gaTboba-kondicirebis adgili
- misawvdomi svlagezi
- gasasvlelamde misadgomi manZili
- sc-2 / d.d.2 — dakavebulobis jgufi (qvejgufi)
- dakavebulobis datvirTva
- b.#6 / 42.2 / 38.2 / 4.0 — saerTo farTi / sazafxulo farTi
- farTobi Sida konturze binis #
- Riobi filaSi
- kedlis cecxlmedegoba (erTsaaTiani)
- kedlis cecxlmedegoba (orsaaTiani)
- sacxovrebeli dakavebuloba
- sadarbazo
- grunti
- mwvane safari
- cxaura tipis mopirkeTeba (gamlioli)
- struqturuli zedapiris niSnuli
- CrdiloeTis aRniSvna

	simbolos saxelwodeba
	saxanZromilgari
	saxanZro ganyofilebasTankavSirissistema
	sagangebo xmovani gangaSisakomunikaciosistema
	xelis cecxlmaqri
	saxanZro-samaSvelo samsaxurismier gamosayeneblebi/saeRvlebi-nidganti
	kvanlisavtomaturiaRmoCeni
	kvanlizemoreagiremauwyebeli
	avtosaxefi
	saxanZro gangaSisxeliT samaRTvikoli ofi
	gasasvleli

S.ps. "fleqs arqiteqtura"

Tanamdeboba	gvari	xelmowera
direqtori	i. maziaSvili	
proeqtis avtori	i. maziaSvili	

damkveTi:

proeqtis saxelwodeba:
mravalbiniani sacxovrebeli saxli

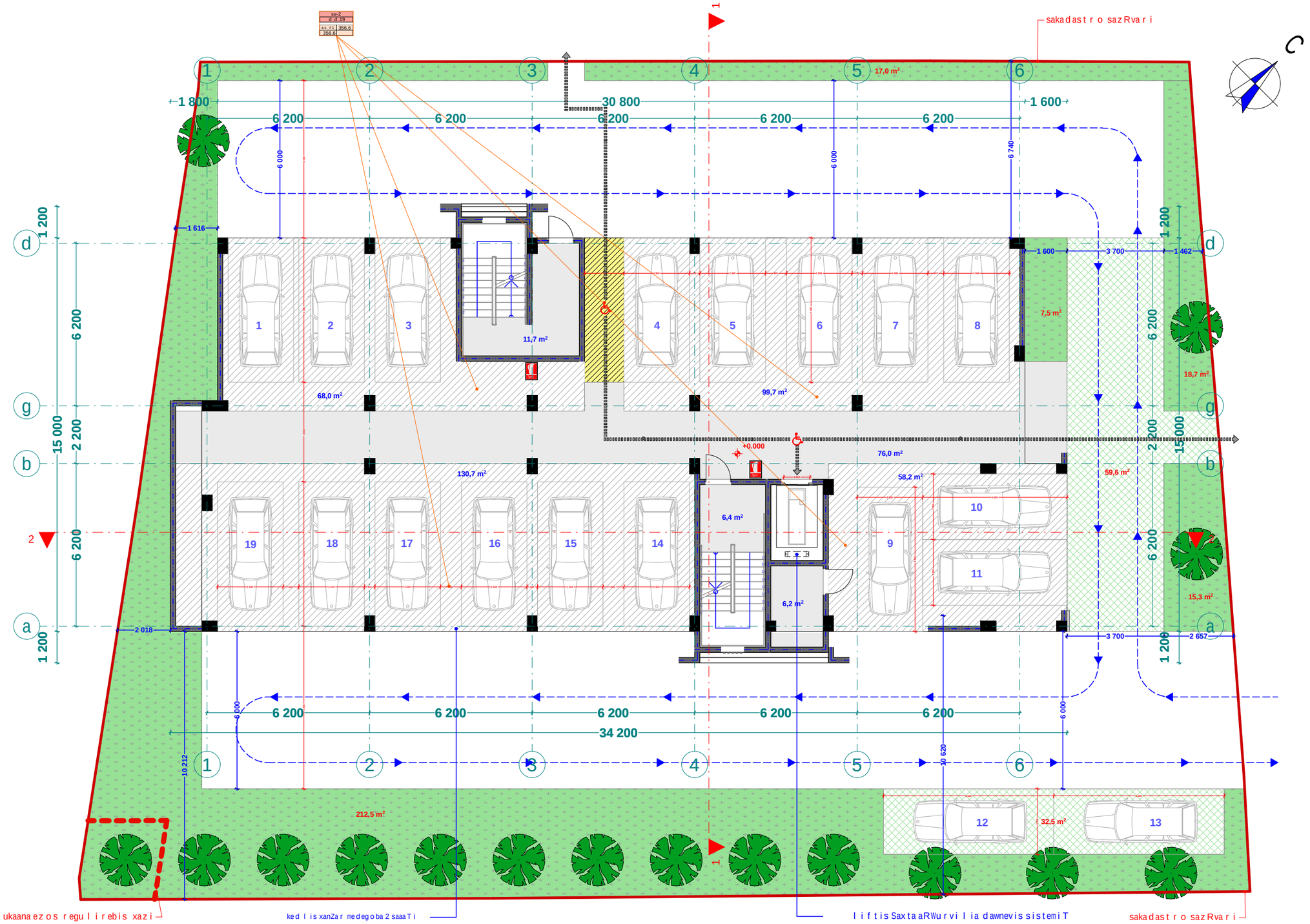
misamarTi:
q.Tbilisi sof. diRomi,

masStabi	TariRi	naxazis dasaxleba
1:100		

stadia	furceli	furclebi
arq. nawili		

pirveli sarTuli gegma +0.00
niSnuli ze (+465.60)
m. 1:100

dasaxeleba	dakavebuloba	dakavebulobis datvirTva	saerTo dakavebulobis datvirTva	moTxovnili gzakarisraodenoba/sigane		gaTvaliswinebuli gzakarisraodenoba/sigane	
a.s #1	sw-2	19	19	1	0.820 m.	1	1.000 m.



xelSekruleba #

pirobiTi aRniSvnebi

- RerZis xazi
- sakadastro sazRvari
- Wrilis xazi
- blokis kedeli
- gaZlierebuli betonis kedeli-sveti
- gaTboba-kondicirebis adgili
- misawvdomi svlagezi
- gasasvlelamde misadgomi manZili
- sc-2 / d.d.2 — dakavebulobis jgufi (qvejgufi) / dakavebulobis datvirTva
- b. #6 | 42.2 / 38.2 | 4.0 — saerTo farTi / sazafxulo farTi
- farTobi Sida konturze binis #
- Riobi filaSi
- kedlis cecxlmedegoba (erTsaaTiani)
- kedlis cecxlmedegoba (orsaaTiani)
- sacxovrebeli dakavebuloba
- sadarbazo
- grunti
- mwvane safari
- cxaura tipis mopirkeTeba (gamWoli)
- struqturuli zedapiris niSnuli
- CrdiloeTis aRniSvna

	simbolos saxelwodeba
	saxanZrogani
	saxanZroganyofilebasTankavSirissistema
	sagangebo xrovani gangaSissakomunikaciosistema
	xelis cecxlmaqri
	saxanZro-sanaSlo sagangaSirisnishnebi gamoSvebebiTirisaTebiT-nivTebi
	kvanlisavtomaturiaRromoCeni
	kvanlzenoreagirenauwyebeli
	avtosaSxefi
	saxanZrogangaSisxeliTsanaRTvaikolofi
	gasasvleli

შპს "ფლექს არქიტექტურა"
404920216
FLEX ARCHITECTURE

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S.p.s. "fleqs arqiteqtura"		
Tanamdeboba	gvari	xelmowera
direqtori	i.maziaSvili	
proeqtis avtori	i.maziaSvili	

damkveTi:

proeqtis saxelwodeba:
mravalbiniani sacxovrebeli saxli

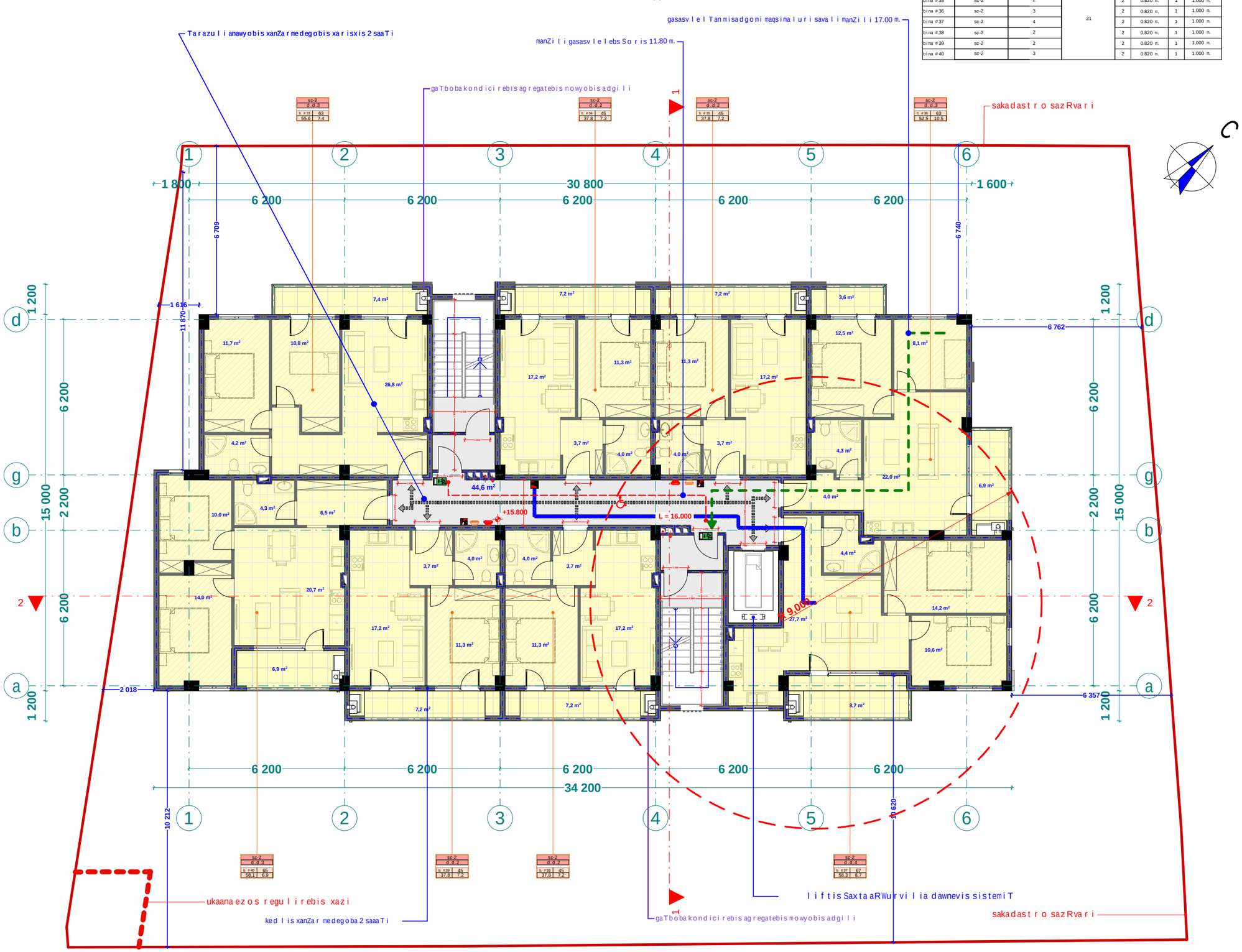
misamarTi:
q.Tbilisi sof. diRomi,

masStabi	TariRi	naxazis dasaxeleba
1:100		

stadia	furceli	furclebi
arq. nawili		

meeqvse sar Tu l is gegma +15.80
niSnu l ze
m. 1:100

dasaxe l eba	dakavebu l oba	dakavebu l obis datvi r Tva	saer T o dakavebu l obis datvi r Tva	mo T xovni l i gza-kar is rao denoba/sigane		gaTva l iswinebu l i gza-kar is rao denoba/sigane	
bina #33	sc-2	3	21	2	0.820 m.	1	1.000 m.
bina #34	sc-2	2		2	0.820 m.	1	1.000 m.
bina #35	sc-2	2		2	0.820 m.	1	1.000 m.
bina #36	sc-2	3		2	0.820 m.	1	1.000 m.
bina #37	sc-2	4		2	0.820 m.	1	1.000 m.
bina #38	sc-2	2		2	0.820 m.	1	1.000 m.
bina #39	sc-2	2		2	0.820 m.	1	1.000 m.
bina #40	sc-2	3		2	0.820 m.	1	1.000 m.



xel Sekru l eba #

pirobiTi aRniSvnebi

- RerZis xazi
- sakadast r o sazRvar i
- Wri l is xazi
- b l okis kede l i
- gaZ l ierebu l i bet onis kede l i-sveti
- gaTboba-kondici rebis adgi l i
- misawvdomi sv l a gezi
- gasasv l e l ande misadgomi manZi l i
- sc-2 — dakavebu l obis jgufi (qvejgufi)
- d.d.2 — dakavebu l obis datvir Tva
- b. #6 42.2 — saer T o far Ti
- 38.2 4.0 — sazafxu l o far Ti
- far T obi Sida konturze
- binis #
- Riobi fi l aSi
- ked l is cecx l medegoba (er TsaaTiani)
- ked l is cecx l medegoba (or saaTiani)
- sacxovrebe l i dakavebu l oba
- sadarbazo
- grunti
- mwvane safari
- cxaura tipis mopirkeTeba (gamWo l i)
- struqturu l i zedapiris niSnu l i
- Crdi l oeTis aRniSvna

	simbo l os saxe l wo deba
	saxanZr o mi l dgari
	saxanZr o ganyo fi l ebasTan kavSi r is sistema
	sagangebo xmovani gangaSis sakomunikacio sistema
	xe l is cecx l maqri
	saxanZr o-samaSve l o samsaxuris mier gamosayenebe l i misaer Tebe l i-hidranti
	kvan l is avtomatur i aRmonCeni
	kvan l ze mo reagi re mauwyebe l i
	avto saSxefi
	saxanZr o gangaSis xe l i T samaR Tvai ko l o fi
	gasasv l e l i

შპს "ფლექს არქიტექტურა"
404920216
FLEX ARCHITECTURE

FLEX ARCHITECTURE

S.p.s. "f l eqs arqi teqtura"		
Tanamdeboba	gvari	xe l mowera
direqtori	i. maziaSvi l i	
proeqtis avtori	i. maziaSvi l i	

damkveTi:

proeqtis saxe l wodeba:
mrava l biniani sacxovrebe l i saxl i

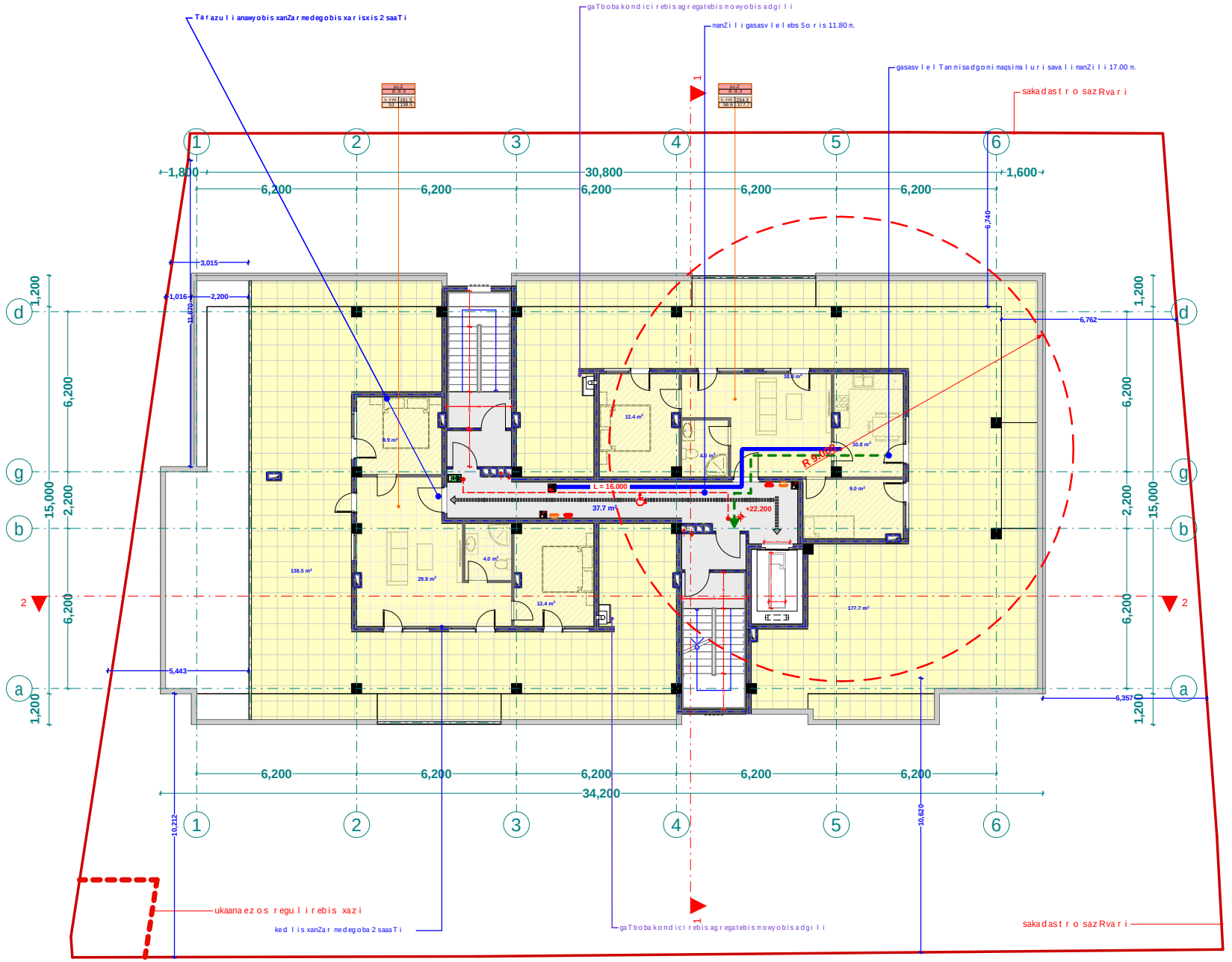
misamar Ti:
q.Tbi l isi sof. diRomi,

masStabi	TariRi	naxazis dasaxe l eba
1:100		

stadia	furce l i	furc l ebi
arq. nawi l i		

dasaxeleba	dakavebuloba	dakavebulobis datvirTva	saerTo dakavebulobis datvirTva	moTxovnili gza-karis raodenobaSigane		gaTvaliswinebuli gza-karis raodenobaSigane	
bina #49	sc-2	3	6	2	0.820 m.	1	1.000 m.
bina #50	sc-2	3		2	0.820 m.	1	1.000 m.

merve sarTulis gegma +22.20
niSnulze
m. 1:100



xelSekruleba #	

pirobiTi aRniSvnebi

- a — RerZis xazi
- sakadastro sazRvari
- Wrilis xazi
- blokis kedeli
- gaZlierebuli betonis kedeli-sveti
- gaTboba-kondicirebis adgili
- misawvdomi svlagezi
- gasasvlelande misadgomi manZili
- sc-2 — dakavebulobis jgufi (qvejgufi)
- d.d. 2 — dakavebulobis datvirTva
- b. #6 42.2 — saerTo farTi
- 38.2 4.0 — sazafxulo farTi
- farTobi Sida konturze
- binis #
- Riobi filaSi
- kedlis cecxlmedegoba (erTsaaTiani)
- kedlis cecxlmedegoba (orsaaTiani)
- sacxovrebeli dakavebuloba
- sadarbazo
- grunti
- mwvane safari
- cxaura tipis mopirkeTeba (gamWoli)
- struqturuli zedapiris niSnuli
- C — CrdiloeTis aRniSvna

	simbolos saxelwodeba
	saxanZro mildgari
	saxanZro ganyofilebas TankaSiris sistema
	sagangebo xmovani gangaSis sakomunikacio sistema
	xelis cecxlmaqri
	saxanZro-samaSvelo samaxuris nigri gaTbaxelebaliTisaeTeberi-hidranti
	kvanlis avtomaturi aRmoCeni
	kvanlze moreagire mauwyebeli
	avtosaSxefi
	saxanZro gangaSis xeliTsamaRTvaikolofi
	gasasvleli

FLEX ARCHITECTURE

S.p.s. "fleqs arqiteqtura"		
Tanamdeboba	gvari	xelmowera
direqtori	i. maziaSvili	
proeqtis avtori	i. maziaSvili	

damkveTi:

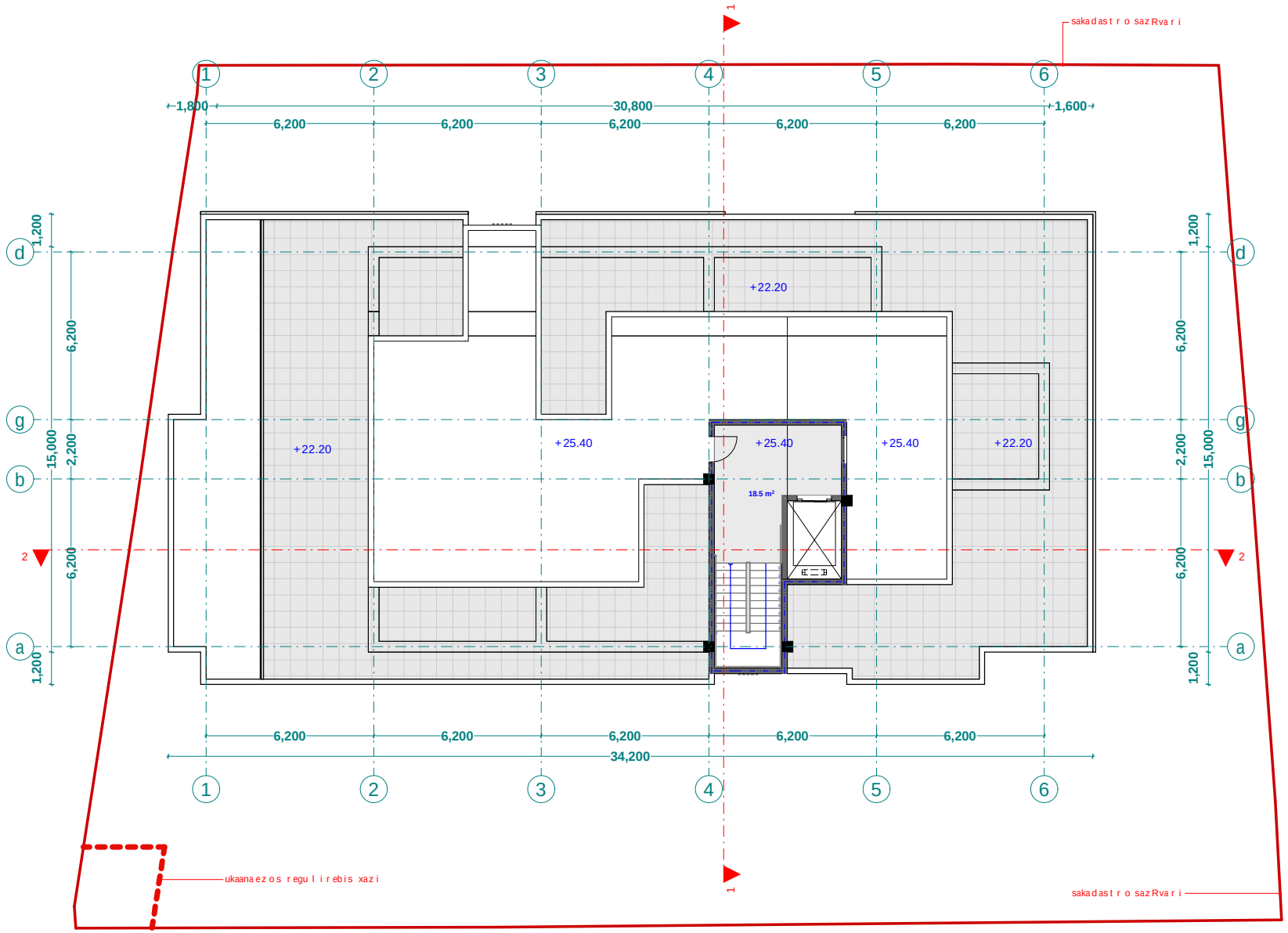
proeqtis saxelwodeba:
mravalbiniani sacxovrebeli saxli

misamarTi:
q.Tbilisi sof. diRomi,

masStabi	TariRi	naxazis dasaxeleba
1:100		

stadia	furceli	furclebi
arq. nawili		

mecxresarTulisgegma +25.40
niSnulze
m. 1:100



xelSekruleba #	

pirobiTi aRniSvnebi

- RerZis xazi
- sakadastro sazRvari
- Wrilis xazi
- blokis kedeli
- gaZlierebuli betonis kedeli-sveti
- gaTboba-kondicirebis adgili
- misawvdomi svla gezi
- gasasvlelande misadgomi manZili
- sc-2 / d.d.2 — dakavebulobis jgufi (qvejgufi); dakavebulobis datvirTva
- b. #6 / 42.2 — saerTo farTi
- 38.2 / 4.0 — sazafxulo farTi
- farTobi Sida konturze
- binis #
- Riobi filaSi
- kedlis cecxlmedegoba (erTsaaTiani)
- kedlis cecxlmedegoba (orsaaTiani)
- sacxovrebeli dakavebuloba
- sadarbazo
- grunti
- mwvane safari
- cxaura tipis mopirkeTeba (gamWoli)
- struqturuli zedapiris niSnuli
- C — CrdiloeTis aRniSvna

	simbolos saxelwodeba
	saxanZro mildgari
	saxanZro ganyofilebasTankavSiris sistema
	sagangebo xmovani gangaSis sakomunikacio sistema
	xelis cecxlmaqri
	saxanZro-sanaSvelo samsaxuris nigr gaTsaxelebaliMisaeTebeli-niRanti
	kvanlis avtomaturi aRmomCani
	kvanlze noreagire mauwyebeli
	avtosaSxefi
	saxanZro gangaSis xeliTsanaRTvaikolofi
	gasasvleli

S.p.s. "fleqs arqiteqtura"		
Tanamdeboba	gvari	xelmowera
direqtori	i. maziaSvili	
proeqtis avtori	i. maziaSvili	

damkveTi:

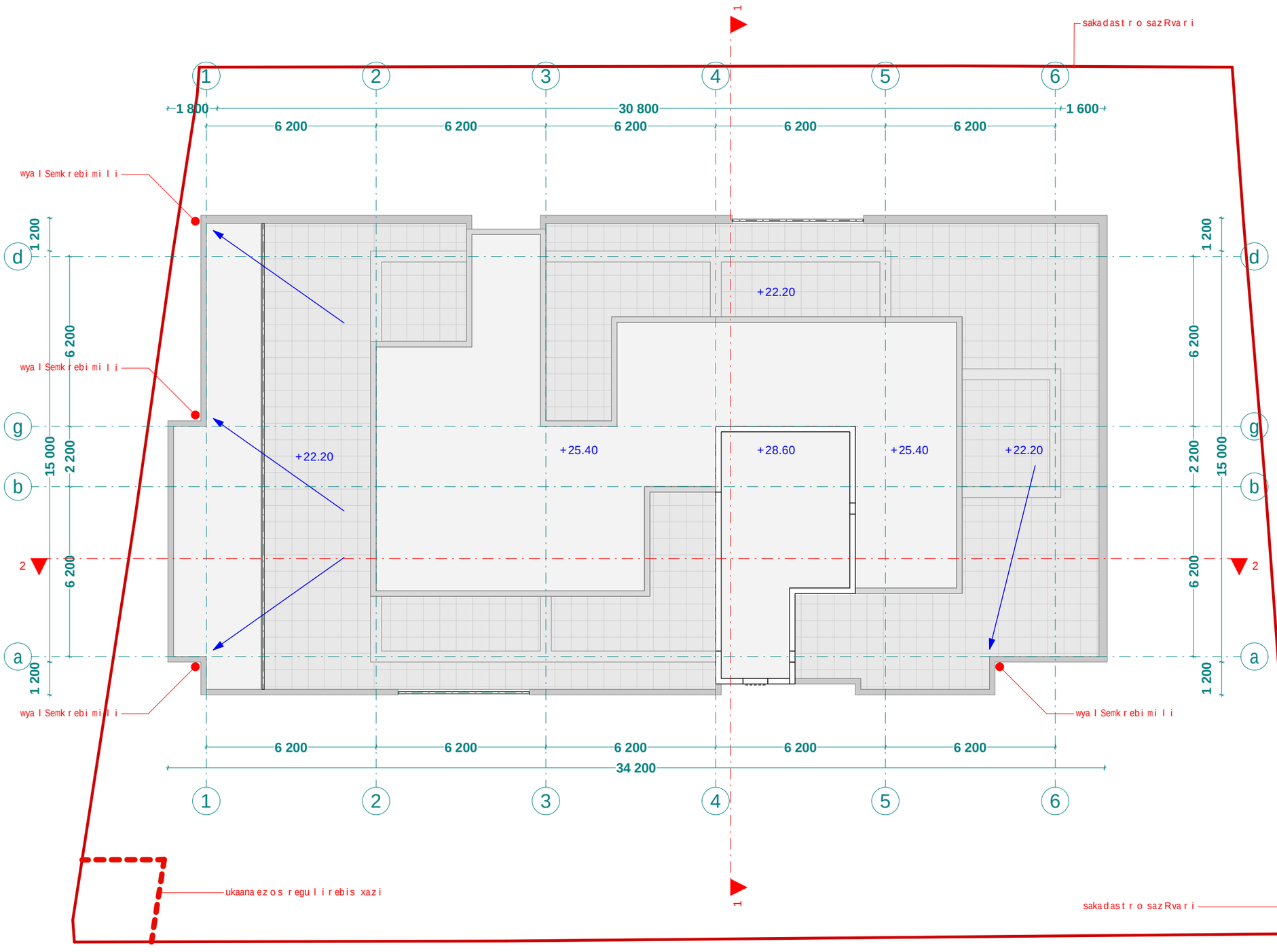
proeqtis saxelwodeba:
mravalbiniani sacxovrebeli saxli

misamarTi:
q.Tbilisi sof. diRomi,

masStabi	TariRi	naxazis dasaxeleba
1:100		

stadia	furceli	furclebi
arq. nawili		

saxuravis gegma
m. 1:100



xelSekruleba #

pirobiTi aRniSvnebi

- RerZis xazi
- sakadastro sazRvari
- Wrilis xazi
- blokis kedeli
- gaZlierebuli betonis kedeli-sveti
- gaTboba-kondicirebis adgili
- misawvdomi svlagezi
- gasasvlelande misadgomi manZili
- sc-2 / d.d. 2 — dakavebulobis jgufi (qvejgufi) / dakavebulobis datvirTva
- b. # 6 | 42.2 / 38.2 | 4.0 — saerTo farTi / sazafxulo farTi
- farTobi Sida konturze
- binis #
- Riobi filaSi
- kedlis cecxlmedegoba (erTsaaTiani)
- kedlis cecxlmedegoba (orsaaTiani)
- sacxovrebeli dakavebuloba
- sadarbazo
- grunti
- mwvane safari
- cxaura tipis mopirkeTeba (gamWoli)
- struqturuli zedapiris niSnuli
- CrdiloeTis aRniSvna

	simbolos saxelwodeba
	saxanZro milgari
	saxanZro ganyofilebasTankavSirissistema
	sagangebo xmovani gangaSis sakomunikacio sistema
	xelis cecxlmaqari
	saxanZro-sanaSvelo sapasaxuri sinaTlis gamosayenebeli misaTeTebeli-hidranti
	kvanlis avtomaturi aRmoCeni
	kvanlzemo reagirenauwyebeli
	avtosaSxefi
	saxanZro gangaSis xeliTsamaRtvaikolofi
	gasasvleli

შპს "ფლექს არქიტექტურა"
404920216
FLEX ARCHITECTURE

FLEX ARCHITECTURE

S.p.s. "fleqs arqiteqtura"		
Tanamdeboba	gvari	xelmowera
direqtori	i. maziaSvili	
proeqtis avtori	i. maziaSvili	

damkveTi:

proeqtis saxelwodeba:
mravalbiniani sacxovrebeli saxli

misamarTi:
q.Tbilisi sof. diRomi,

masStabi	TariRi	naxazis dasaxeleba
1:100		

stadia	furceli	furclebi
arq. nawili		