ovuuzzzuzumzhnu xzzuguzonu zcfnzzfzhzn	ovuuzzzuzumzhnu xzzuguzonu zcfnzzfzhzn	ouzhnu uhuzu/LINE THICKNESS	ovzzbfnobzhnu/HATCH	guzfnu ymcon	ovzzbfnobzhnu zzuguzonu zcfnzzfzhzn	ovzzbfnobzhnu azubzbzhn/HATCH SCALE	ovzzbfnobzhnu zzmcbzh/HATCH ANGLE
mguzzzhfnzu xzzuguzon (m3)		0.05 bb	ANSI31	RGB (34,139,34)		40	0
ufzhnzfnzbu xzzuguzon (u4)		0.05 bb	ANSI31	RGB (79,12,187)		40	0
ucmzbzfzbzmcmzbzu xzzuguzon - (u5)		0.05 bb	ANSI31	RGB (245,99,20)		40	0
ufzhfzbzmcguzzbzu xzzuguzon (u6)		0.05 bb	ANSI31	RGB (160,32,240)		40	0
cnocn uvgzmbnu xzzuguzon - (cu8)		0.05 bb	ANSI31	RGB (94,8,58)		40	0
cvzbzuzbzmcmzbnm xzzuguzon (c6)		0.05 bb	ANSI31	RGB (0,0,255)		40	0
uzuzzfzm xzzuguzon (u3)		0.05 bb	ANSI31	RGB (255,0,0)		40	0
uzubfmzfzbzmcon xzzuguzon (u3)		0.05 bb	ANSI31	RGB (255,255,0)		40	0
uzfzbfmzmcm xzzuguzon (u6)		0.05 bb	ANSI31	RGB (136,135,134)		40	0
cvzbzfzbzmcguzzbzu xzzuguzon (cu)		0.05 bb	ANSI31	RGB (57,57,56)		40	0

azfnzbzmcmzbnu zcfnzzfzhzn

cvuuzzzuzumzhnu zcfnzzfzhzn, bvhnu unuzu, cvzbzfnobzhnu cv cvzbzfnobzhnu azubzbzhn/HATCH SCALE, bmcm
azfnzbzmcmzbnu zcfnzzfzhzn AutoCAD - nu uvbvbzu3 ufzhfzbzmcmzbnu, ubzu uvbvbzu3 zfnzbzmcmzbnu azfnzbzmcmzbnu,
cvzbzfnobzhnu ozhnu, bvhnu unuzu, azubzbzhn/HATCH SCALE azubzbzhn cv cvzbzfnobzhnu ufzhnzfnzbu
cvuuzzzuzumzhnu xzzuguzonu zcfnzzfzhzn ufzhnzfnzbu ufzhnzfnzbu xzzuguzonu cvzbzfnobzhnu
azubzbzhn/HATCH ANGLE ufzhnzfnzbu.

Sems r u | ebe | i	S.p.s. "he | iqsi" 4048559 92
Tanam d eb o ba	gva r i | xe | m o we r a
d i r eq t o r i	v. c o mai n
mT. a r q i teq t o r i	v. c o mai n
d aamuSava	v. c o mai n
k o ns t r uq t o r i	k. c o mai n

mas S tab i	naxaz i s d asaxe | eba
s ta d i a	f ur c | i s # | f ur c | eb i
	m.p.

d amkve T i	S.p.s. "ma r d ie | i jgu f i"
m i sama r T i	f a r naxaz me f i s gamz. # 19
p r oeq t i s saxe | i	
m r ava | b i n i ani sacxov r ebe | i sax | i	

	s imbo | o s saxe | wo d eba
	saxanZ r o mi | dga r i
	saxanZ r o ganyo f i | ebas T an kavS i r i s s i s tema
	sagangebo xmo vani ganga S i s sakomuni kac i o s i s tema
	xe | i s cecx | maq r i
	saxanZ r o-samaSve | o saqsaxu r i s mie r gam o sayeneb e | | mi sae r T ebe | | - hi d r ant i
	kvam | i s avt o mat u r i aRmo mCen i
	kvam | ze m o r eagi r e mauwyebe | i
	avt o saSxe f i
	saxanZ r o ganga S i s xe | i T samaR T vai ko | o f i
	gasasv | e | i

gasasv \| e \| i

S.1
20
85
2.20

N

C r d i \| oe T i s aRn i Svna

mi sawd o mi sv \| a gezi

gasasv \| e \| am d e sava \| i manZi \| i

S.1
20
85
2.20

sc-2	
d.d.5	
b. #2	85.6
85.6	

ked \| i s cecx \| me d egoba (er T saa T ani)

ked \| i s cecx \| me d egoba (or saa T ani)

mi wis nakve T i s saka d ast r o saz R va r i

iatakis mop i r ke T eb i s ni Snu \| i
st r uqtu r u \| i zedap i r i s ni Snu \| i

1 sar Tu \| i (i.m.n. 0.00)
s.z.n. -0.10

L=1500
6%

pandusis d axr i s mima r Tu \| eba (qvemo d an zemo T)

1

Wr i \| i s xaz i

a

Re r Z i

sc-2
d.d.5

b. #2	85.6
85.6	

ked \| i s cecx \| me d egoba (er T saa T ani)

ked \| i s cecx \| me d egoba (or saa T ani)

mwvane sa f a r i

gr unt i

aqu r i s mop i r ke T eba

gaZ \| ie r ebu \| i bet o n i s st r uqtu r u \| i e \| ementebi - 2 ST met i xanZa r me d egob i T
(ke d e \| i, svet i, f i \| a, r ige \| i d ia f r aga)

Ri ob i f i \| aSi

bet o n i s b \| o ki s wyo ba

sa d a r baz o

gamoyenebuli wesebi - "Senoba-nagebobis usafrTxoebis wesebi"

CamoTvaleT Senobis dakavebulebebi daaRwereT TiToeuli gamoyeneba
1. sasawyobe jgufi sw-2 (daxuruli avtosadgomi -2.80 niSnuli ze da Riavtosadgomi +0.00 niSnuli ze)
2. saqmiani jgufi sc-2 (sacxovrebeli binebi +2.80 dan +9.90 CaTvliT da +21.40 dan +36.90 CaTvliT)
3. damxmare jgufi ds -2.80
4. sacxovrebeli jgufi sc-2 (saofise farTebi +12.10 dan +18.30 CaTvliT)
5. savaWro jgufi sv (komerciuli farTi +0.00 niSnuli ze)

konstruqciis tipi:	
gansazRvreT konstruqciis tipi arsebuli SenobisTvis	
gansazRvreT konstruqciis tipi axali SenobisTvis	tipi **I-B** miwis zeviT 13 sarTuli
Sereuli konstruqciis SemTxvevaSi miuTiTeT tipebi, romelic gamoyenebuli iqneba, gansazRvreT tipebi damatimdebareoba	

simaRlis SezRudvebi cxrili 503-is mixedviT		
dakavebuloba	dasaSvebi sarTulianoba	SemoTavaz. sarTulianoba
1. damxmare da saxvadaniSnulebis jgufi ds	5 sarTuli	1 miwis donis qveda sarTuli
2. sasawyobe jgufi sw-2	11 sarTuli	1 miwis donis qveda sarTuli 1 miwis donis sarTuli
3. sacxovrebeli jgufi sc-2	11 sarTuli	3 miwis donis zeda sarTuli
4. saqmiani jgufi sq	11 sarTuli	9 miwis zeda donis sarTuli
5. savaWro jgufi sv	11 sarTuli	1 miwis donis sarTuli
	dasaSvebi simaRle	SemoTavazebuli simaRle
saerTo simaRle	48.8 m.	43.50 m.
miwis zemoT sarTulis raodenoba	13 sarTuli	

farTobis SezRudvebi cxrili 503-is mixedviT		
dakavebuloba	dasaSvebi farTobi	SemoTavaz. farTobi
1. damxmare da saxvadaniSnulebis jgufi ds -2.80 niSnuli ze	3300 kv.m.	199.2 kv.m.
2. sasawyobe jgudi sw-2 -2.80 niSnuli ze	7340 kv.m.	672 kv.m.
3. sasawyobe jgudi sw-2 +0.00 niSnuli ze	7340 kv.m.	611.8 kv.m.
4. savaWro jgufi sv +0.00 niSnuli ze	SeuzRudavi	25.5 kv.m.
5. saqmiani jgufi sq +2.80 niSnuli ze	SeuzRudavi	988.6 kv.m.
6. saqmiani jgufi sq +5.90 niSnuli ze	SeuzRudavi	988.6 kv.m.
7. saqmiani jgufi sq +9.00 niSnuli ze	SeuzRudavi	988.6 kv.m.
8. saqsacxovrebeli jgufi sc-2 +12.10 niSnuli ze	SeuzRudavi	988.6 kv.m.
9. sacxovrebeli jgufi sc-2 +15.20 niSnuli ze	SeuzRudavi	988.6 kv.m.
10. sacxovrebeli jgufi sc-2 +18.30 niSnuli ze	SeuzRudavi	988.6 kv.m.
11. saqmiani jgufi sq +21.40 niSnuli ze	SeuzRudavi	979.3 kv.m.
12. saqmiani jgufi sq +24.50 niSnuli ze	SeuzRudavi	979.3 kv.m.
13. saqmiani jgufi sq +27.60 niSnuli ze	SeuzRudavi	979.3 kv.m.
14. saqmiani jgufi sq +30.70 niSnuli ze	SeuzRudavi	979.3 kv.m.
15. saqmiani jgufi sq +33.80 niSnuli ze	SeuzRudavi	979.3 kv.m.
16. saqmiani jgufi sq +36.90 niSnuli ze	SeuzRudavi	979.3 kv.m.
SemoTavazebuli farTobis jami	13315.9 m.	
iatakebis raodenoba	13 + 1 miwisqveSa sarTuli	
saerTo (sasargeblo) farTobi	14612.4 m.	

gareked lis cecxlmedegobisa da Riobebisadmimoxovnebi cxrilebis 602-is da 705.8 -is mixedviT							
gare ked lebi	xanZarsawinaaRmdegomanZili (metri)	cecxlmedegobis xarisxi (saaTi)		ked lis Riobebis farTobi (ked lis %)			
		moTxovnili	gaTvaliswinebuli	dasaSvebi		gaTvaliswinebuli	
				daculi	daucveli	daculi	daucveli
fasadia-i RerZebSi	13.10 m.	1	1	SeuzRudavi	70 %	-	35 %
fasadi i-a RerZebSi	8.6 m.	1	1	SeuzRudavi	70 %		35 %
fasadi 10-7 RerZebSi	8.6	1	1	SeuzRudavi	70 %		35 %
fasadi 7-10 RerZebSi	8.6	1	1	SeuzRudavi	70 %		35 %

TiToeuli sarTulidan gasasvleli saSualebebi									
sarTulebi	dakavebuloba da dakavebulobis datviriTvis jamuri maCveneblebi	moTxovnili gasasvlelebis/gasasvlelTan misadgomis raodenoba	gaTvaliswinebuli gasasvlelebis/gasasvlelTan misadgomis raodenobis da tipi	gasasvleli saSualebebis sigane (metri)					
				gza-kibeebi		derefnebi		gasasvleli sgza-kari	
				moTxovnili	gaTvaliswinebuli	moTxovnili	gaTvaliswinebuli (minimaluri)	moTxovnili	gaTvaliswinebuli (Tavisufali)
miwis donis qveda sarTuli -2.80 niS.	sw-2 d.d. 36	1	1 (gza-kibis saxiT)	1.1	1.2	1.2	1.50	0.82	1.00
	ds d.d.13	1	1 (gza-kibis saxiT)	1.1	1.2	1.2	1.50	0.82	1.00
pirveli sarTuli +0.00	sw-2 d.d. 28	2	2 (gza-kari saxiT)	1.1	1.2	1.2	1.20	0.82	1.00
	sv d.d. 9	1	2 (gza-karis saxiT)					0.82	1.00
sarTulebi +2.80 dan +9.00 da +21.40 dan + 36.90 CaTvliT	sq d.d. 960	2	2 (gza-kibis saxiT)	1.1	1.2	1.2	1.3	0.82	1.00
sarTulebi +12.10 dan + 18.30 CaTvliT	sc-2 d.d. 168	2	2 (gza-kibis saxiT)	1.1	1.2	1.2	1.3	0.82	1.00

wyalsadenisistemebis fiqsirebulimowyobilobebis raodenoba cxrili 1602. -is mixedviT											
sarTulebi	dakavebuloba da dakavebulobis datviriTvis jamuri maCveneblebi	fiqsirebulimowyobilobebi									
		unitazi		tualetis xelsabani		abazana/Sxapi		sasmeliwylis fantani		samomsaxureo niJara	
		moTxovnili	gaTvaliswinebuli	moTxovnili	gaTvaliswinebuli	moTxovnili	gaTvaliswinebuli	moTxovnili	gaTvaliswinebuli	moTxovnili	gaTvaliswinebuli
miwis donis qveda sarTuli -2.80 niS.	sw-2 d.d. 36	-	-	-	-	-	-	-	-	-	-
	ds d.d. 13	-	-	-	-	-	-	-	-	-	-
pirveli sarTuli 0.00 niS.	sw-2 d.d. 28	-	-	-	-	-	-	-	-	-	-
	sv d.d. 9	1	1	1	1	-	-	1	1 (wylis dispenseri)	1	1
sarTulebi +2.80 dan +9.00 da +21.40 dan +36.90 CaTvliT	sq d.d. 960	1	1	1	1	-	-	1	1 (wylis dispenseri)	1	1

wyalsadenisistemebis fiqsirebulimowyobilobebis raodenoba sacxovrebeli jgufi sc-2 qvejgufi cxrili 1602. -is mixedviT											
sarTulebi	sacxovrebeli erTeulebi	fiqsirebulimowyobilobebi									
		unitazi		tualetis xelsabani		abazana/Sxapi		sasmeliwylis fantani		samomsaxureo niJara	
		moTxovnili	gaTvaliswinebuli	moTxovnili	gaTvaliswinebuli	moTxovnili	gaTvaliswinebuli	moTxovnili	gaTvaliswinebuli	moTxovnili	gaTvaliswinebuli
sarTulebi +12.10 dan +18.30 CaTvliT	bina #1 dan bina #57 CaTvliT	1	1	1	1	1	1	1	1	1 (20 sacx. erTeuli ze)	1 (TiTo sacx. erTeuli ze)

xanZrisgan dacvis sistemebisadmimoxovnebi						
dakavebulobebi/sivrceebi/gasasvleliSualebebi	avtosaxefi sistema	saxanZro gangaSisada cecxlaRmoCeni sistemebi	saxanZro milgarebis sistemebi	kvamlis sakontrolo sistemebi	xelis cecxlmaqrebi	xanZris maRTvis centri
daxuruli avtosadgomi sasawyobo jgufi sw-2	ki	ki		ki		ara
saqmiani jgufi sq		saxanZro gangaSis xeliT samarTavi kolofi	ki	ki		
sacxovrebeli jgufi sc-2		saxanZro gangaSis xeliT samarTavi kolofi	ki	ki		
derefani		sagangebo xmovani gangaSis sakomunikacio sistema		meqanikuri ganiaveba		
lifti (misadgomi foiesgavliT)		saxanZro gangaSis xeliT samarTavi kolofi		meqanikuri ganiaveba		
kibisujredi		saxanZro gangaSis xeliT samarTavi kolofi	ki	meqanikuri ganiaveba		
kibisvestibiuli				meqanikuri ganiaveba		
damxmare farTisq						

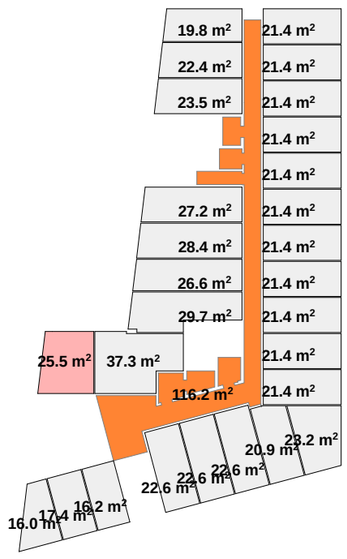
damkveTi	S.p.s. "mardeli jgufi"
misamarTi	farnavaz mefis gamz. #19
proeqtis saxeli	
mravalbiniani sacxovrebelisaxli	

Semsrulebeli	S.p.s. "heliqsi" 404855992	
Tanamdeboba	gvari	xelmowera
direqtori	v. comaia	
mTarqiteqtori	v. comaia	
daamuSava	v. comaia	
konstruqtori	k. comaia	

masStabi	naxazis dasaxeleba	
stadia	furclis #	furclebi
m.p.		

gegma 0.000 niSnu l ze
k ome r ciu l i funqcia

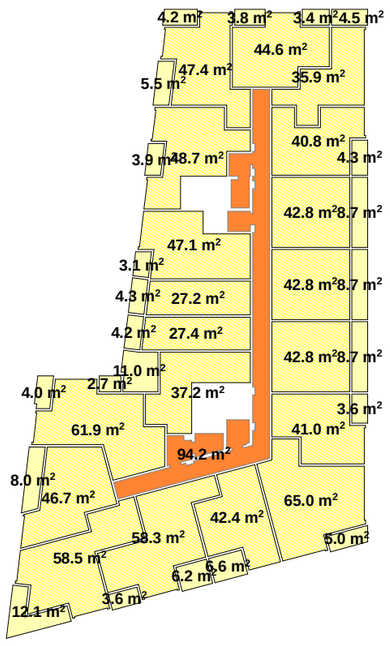
sae r T o f a r T obi 25.5



sacxv r ebe l i funqcia - sae r T o f a r T obi 3248.4 m2

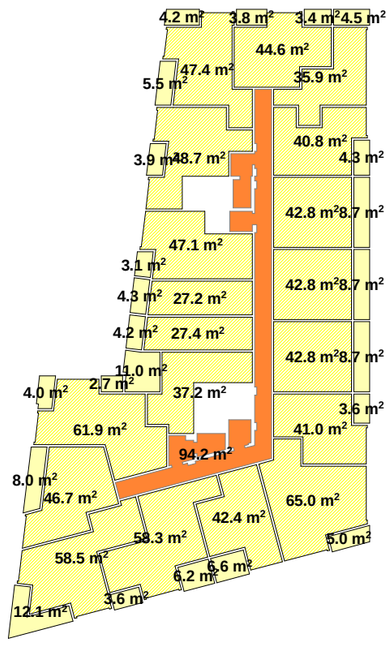
gegma +12.100 niSnu l ze
sacxov r ebe l i funqcia

sae r T o f a r T obi 1082.8



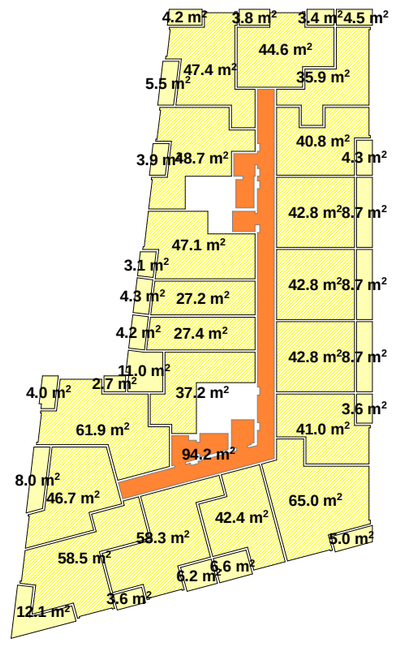
gegma +5.200 niSnu l ze
sacxov r ebe l i funqcia

sae r T o f a r T obi 1082.8



gegma +18.300 niSnu l ze
sacxov r ebe l i funqcia

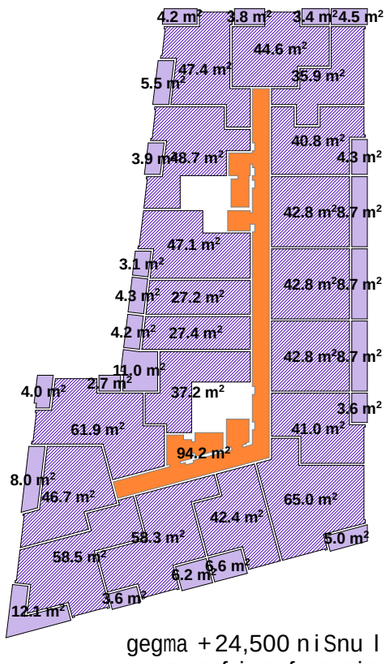
sae r T o f a r T obi 1082.8



sao f ise funqcia - sae r T o f a r T obi 9689.4 m2

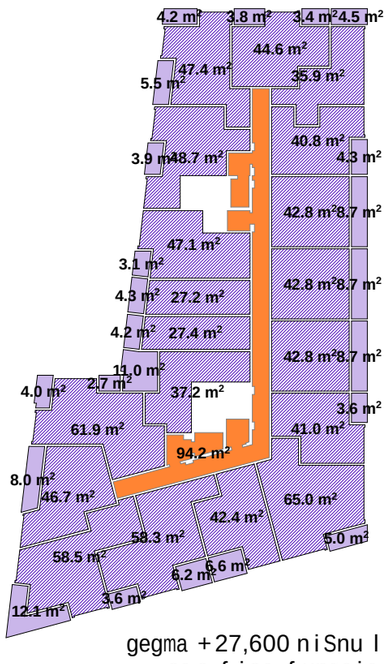
gegma +2.800 niSnu l ze
sao f ise funqcia

sae r T o f a r T obi 1082.8



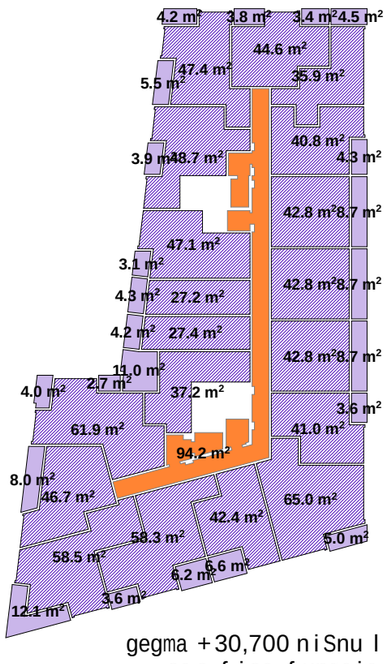
gegma +5.900 niSnu l ze
sao f ise funqcia

sae r T o f a r T obi 1082.8



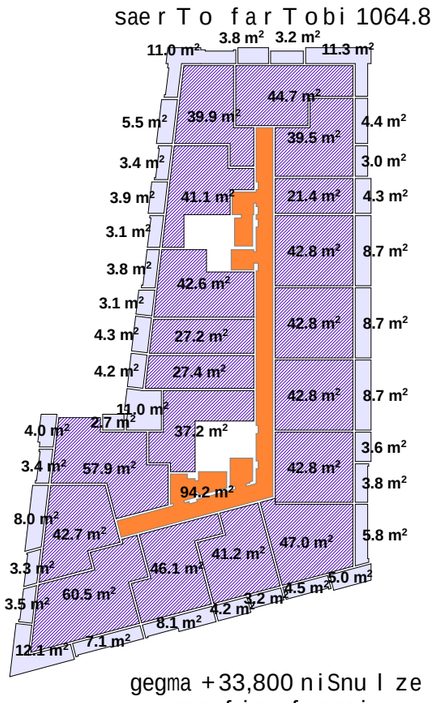
gegma +9.900 niSnu l ze
sao f ise funqcia

sae r T o f a r T obi 1082.8



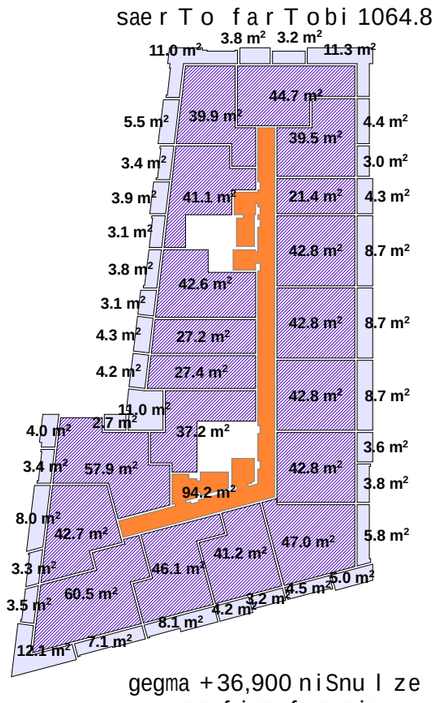
gegma +21.400 niSnu l ze
sao f ise funqcia

sae r T o f a r T obi 1064.8



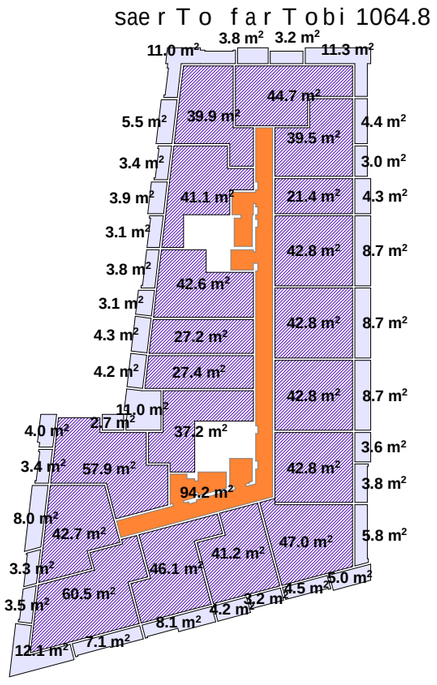
gegma +24,500 niSnu l ze
sao f ise funqcia

sae r T o f a r T obi 1064.8



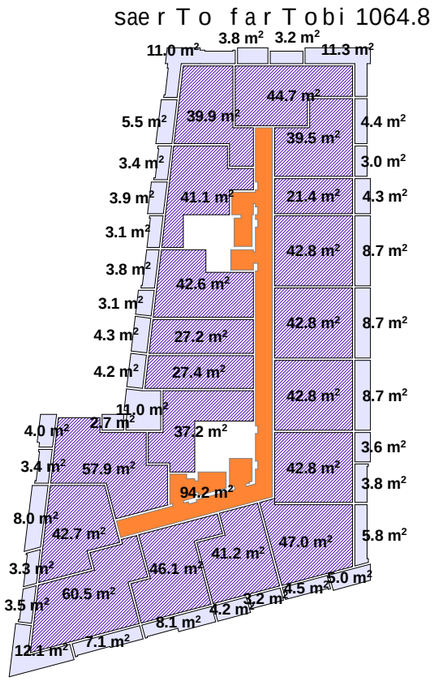
gegma +27,600 niSnu l ze
sao f ise funqcia

sae r T o f a r T obi 1064.8



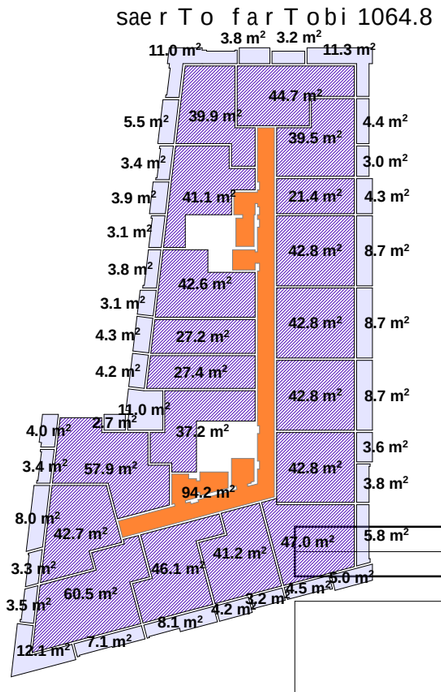
gegma +30,700 niSnu l ze
sao f ise funqcia

sae r T o f a r T obi 1064.8



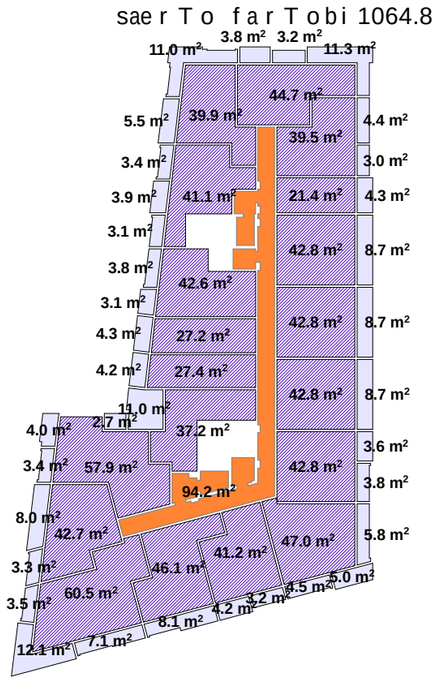
gegma +33,800 niSnu l ze
sao f ise funqcia

sae r T o f a r T obi 1064.8



gegma +36,900 niSnu l ze
sao f ise funqcia

sae r T o f a r T obi 1064.8



sacxov r ebe l i, sao f ise da k ome r ci l u f a r T obis jami 12963.3 m² =(100 %)

su l k ome r ciu l i da sao f ise funqcia funqcia 9714.9 m²/12963.3 m² = 75 %

su l sacxov r ebe l i funqcia 3248.4 m²/12963.3 m² = 25 %

d amkve T i	S.p.s. "mar d ie l i jgu f i"	
mi sama r T i	f a r navaz me f i s gamz. #19	
p r oeqt i s saxe l i		
m r ava l biniani sacxov r ebe l i sax l i		

Sems r u l ebe l i	S.p.s. "he l iqsi" 404855992	
Tanamdeboba	gva r i	xe l mowe r a
d i reqt o r i	v. comaia	
mT. a r qiteqt o r i	v. comaia	
d aamuSava	v. comaia	
konst r uqt o r i	k. comaia	

masStabi	naxazis dasaxe l eba	
stadia	f u r c l i s #	f u r c l ebi
m.p.		



	dakavebuli oba	dakavebuli obis datviriTva	saerTo dak. datviriTva	moTxovnili gza-kariis raodenoba/sigane		gaTvaliswinebuli gza-kariis raodenoba/sigane		farTobi
a/f #1	ds	1		1	0.820 m.	1	1.000 m.	7.9
a/f #2	ds	1		1	0.820 m.	1	1.000 m.	22.5
a/f #3	ds	1		1	0.820 m.	1	1.000 m.	15.3
a/f #4	ds	1		1	0.820 m.	1	1.000 m.	17.2
a/f #5	ds	1		1	0.820 m.	1	1.000 m.	14.9
a/f #6	ds	1		1	0.820 m.	1	1.000 m.	20
a/f #7	ds	1	49	1	0.820 m.	1	1.000 m.	11.4
a/f #8	ds	1		1	0.820 m.	1	1.000 m.	11.1
a/f #9	ds	1		1	0.820 m.	1	1.000 m.	10.5
a/f #10	ds	1		1	0.820 m.	1	1.000 m.	9.7
a/f #11	ds	1		1	0.820 m.	1	1.000 m.	11.5
a/f #12	ds	1		1	0.820 m.	1	1.000 m.	7.7
a/f #13	ds	1		1	0.820 m.	1	1.000 m.	39.5
a/f #14	sw-2	36		1	0.820 m.	1	1.000 m.	672.0
								871.2

E-01

damkveTi	S.p.s. "mardielijgufi"
misamarTi	farnavazmefisgamz. #19
proeqtissaxeli	
mravalbiniani sacxovrebelisaxli	

HELIX ARCHITECTURE

Semsrulebeli	S.p.s. "heliqsi" 404855992	
Tanamdeboba	gvari	xelmowera
direqtori	v. comaia	
mTarqiteqtori	v. comaia	
daamuSava	v. comaia	
konstruqtori	k. comaia	

masStabi	naxazis dasaxeleba	
1:150	gegma -2.800 niSnulze	
stadia	furclis #	furclebi
m.p.		

k2 = 208.5 m²

208.5 m²

ganaSenianebis farTobi

k1

1,006.4 m²

1,006.4 m²

	dakavebuli oba	dakavebulobis datviriTva	saerTo dak. datviriTva	moTxovnili gza-karis raodenoba/sigane		gaTvaliswinebuli gza-karis raodenoba/sigane		a/f. farTobi
a/f #1	sw-2	1		1	0.820 m.	1	1.000 m.	16
a/f #2	sw-2	1		1	0.820 m.	1	1.000 m.	17.4
a/f #3	sw-2	1		1	0.820 m.	1	1.000 m.	16.2
a/f #4	sw-2	1		1	0.820 m.	1	1.000 m.	22.6
a/f #5	sw-2	1		1	0.820 m.	1	1.000 m.	22.6
a/f #6	sw-2	1		1	0.820 m.	1	1.000 m.	22.6
a/f #7	sw-2	1		1	0.820 m.	1	1.000 m.	20.9
a/f #8	sw-2	1		1	0.820 m.	1	1.000 m.	23.2
a/f #9	sw-2	1		1	0.820 m.	1	1.000 m.	21.4
a/f #10	sw-2	1		1	0.820 m.	1	1.000 m.	21.4
a/f #11	sw-2	1		1	0.820 m.	1	1.000 m.	21.4
a/f #12	sw-2	1		1	0.820 m.	1	1.000 m.	21.4
a/f #13	sw-2	1		1	0.820 m.	1	1.000 m.	21.4
a/f #14	sw-2	1	37	1	0.820 m.	1	1.000 m.	21.4
a/f #15	sw-2	1		1	0.820 m.	1	1.000 m.	21.4
a/f #16	sw-2	1		1	0.820 m.	1	1.000 m.	21.4
a/f #17	sw-2	1		1	0.820 m.	1	1.000 m.	21.4
a/f #18	sw-2	1		1	0.820 m.	1	1.000 m.	21.4
a/f #19	sw-2	1		1	0.820 m.	1	1.000 m.	21.4
a/f #20	sw-2	1		1	0.820 m.	1	1.000 m.	19.8
a/f #21	sw-2	1		1	0.820 m.	1	1.000 m.	22.4
a/f #22	sw-2	1		1	0.820 m.	1	1.000 m.	23.5
a/f #23	sw-2	1		1	0.820 m.	1	1.000 m.	27.2
a/f #24	sw-2	1		1	0.820 m.	1	1.000 m.	28.4
a/f #25	sw-2	1		1	0.820 m.	1	1.000 m.	26.6
a/f #26	sw-2	1		1	0.820 m.	1	1.000 m.	29.7
a/f #27	sw-2	2		1	0.820 m.	1	1.000 m.	37.3
kom	sv	9		1	0.820 m.	1	1.000 m.	25.5

637.3

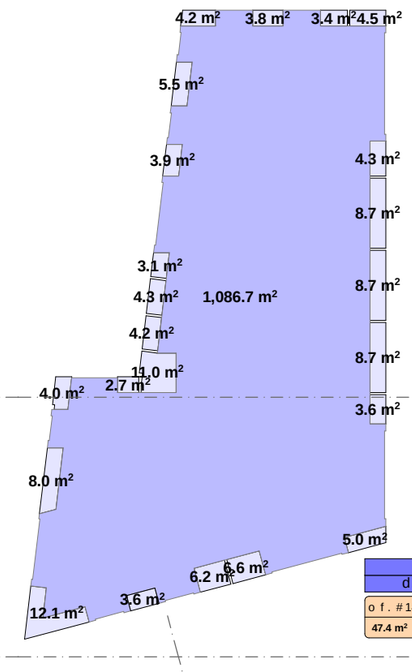
damkveTi	S.p.s. "mardieli jgufi"
misamarTi	farnavaz mefis gamz. #19
proeqtis saxeli	
mravalbiniani sacxovrebeli saxli	

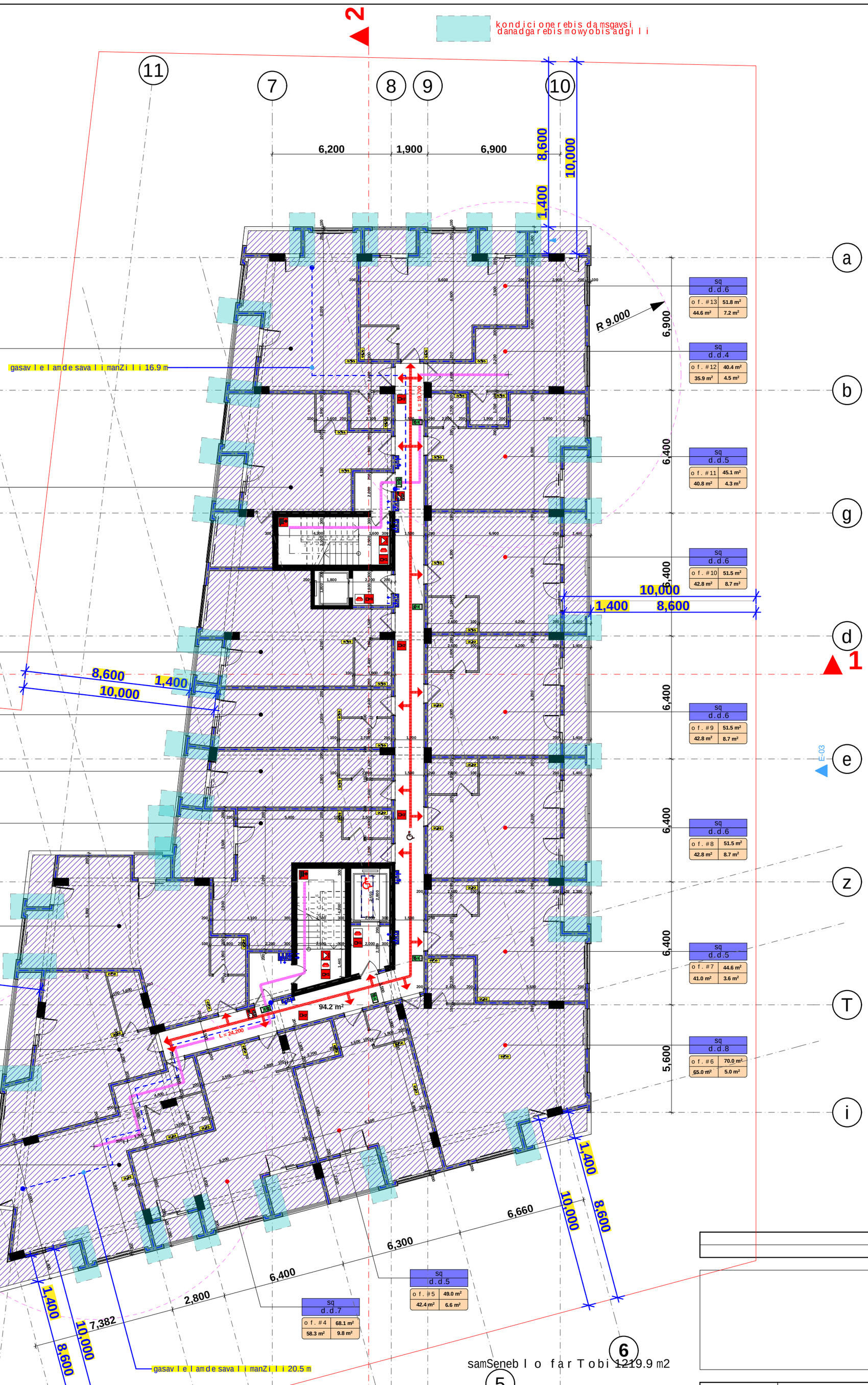
Semsrulebeli	S.p.s. "heliqsi" 404855992	
Tanamdeboba	gvari	xelmowera
direqtori	v. comaia	
mTargiteqtori	v. comaia	
daamuSava	v. comaia	
konstruqtori	k. comaia	

masStabi	naxazis dasaxeleba	
1:150	gegma 0.000 niSnulze	
stadia	furclis #	furclebi
m.p.		

k2 = 1,086.7 m² + (130.1/3) = 1127.9 m²

kondicioneребis damsgavsi
danadgarebismowyobisadgili





sq d.d.6	
ofis #14	57.1 m²
47.4 m²	9.7 m²

sq d.d.6	
ofis #13	51.8 m²
44.6 m²	7.2 m²

sq d.d.4	
ofis #12	40.4 m²
35.9 m²	4.5 m²

sq d.d.6	
ofis #15	52.6 m²
48.7 m²	3.9 m²

sq d.d.5	
ofis #11	45.1 m²
40.8 m²	4.3 m²

sq d.d.6	
ofis #10	51.5 m²
42.8 m²	8.7 m²

sq d.d.5	
ofis #16	50.2 m²
47.1 m²	3.1 m²

sq d.d.3	
ofis #17	31.5 m²
27.2 m²	4.3 m²

sq d.d.3	
ofis #18	31.6 m²
27.4 m²	4.2 m²

sq d.d.6	
ofis #9	51.5 m²
42.8 m²	8.7 m²

sq d.d.5	
ofis #19	48.2 m²
37.2 m²	11.0 m²

sq d.d.6	
ofis #8	51.5 m²
42.8 m²	8.7 m²

sq d.d.7	
ofis #1	68.6 m²
61.9 m²	6.7 m²

sq d.d.5	
ofis #7	44.6 m²
41.0 m²	3.6 m²

sq d.d.6	
ofis #2	54.7 m²
46.7 m²	8.0 m²

sq d.d.8	
ofis #6	70.0 m²
65.0 m²	5.0 m²

sq d.d.8	
ofis #3	70.6 m²
58.5 m²	12.1 m²

sq d.d.5	
ofis #5	49.0 m²
42.4 m²	6.6 m²

sq d.d.7	
ofis #4	68.1 m²
58.3 m²	9.8 m²

samSeneblo farTobi 1219.9 m2

1,219.9 m²

	dakavebuloba	dakavebulobis datvirTva	saerTo dak. datvirTva	moTxovnili gza-karis raodenoba/sigane		gaTvaliswinebuli gza-karis raodenoba/sigane		sacxov. farTobi	sazafx. farTobi	saerTo farTobi
ofisi #1	sq	7		1	0.820 m.	1	1.000 m.	61.9	6,7	68.6
ofisi #2	sq	6		1	0.820 m.	1	1.000 m.	46.7	8.0	54.7
ofisi #3	sq	8		1	0.820 m.	1	1.000 m.	58.5	12.1	70,6
ofisi #4	sq	7		1	0.820 m.	1	1.000 m.	58,3	9,8	68.1
ofisi #5	sq	5		1	0.820 m.	1	1.000 m.	42.4	6.6	49.0
ofisi #6	sq	8		1	0.820 m.	1	1.000 m.	65.0	5.0	70.0
ofisi #7	sq	5		1	0.820 m.	1	1.000 m.	41.0	3.6	44.6
ofisi #8	sq	6		1	0.820 m.	1	1.000 m.	42.8	8.7	51.5
ofisi #9	sq	6	107	1	0.820 m.	1	1.000 m.	42.8	8.7	51.5
ofisi #10	sq	6		1	0.820 m.	1	1.000 m.	42.8	8.7	51.5
ofisi #11	sq	5		1	0.820 m.	1	1.000 m.	40.8	4.3	45.1
ofisi #12	sq	4		1	0.820 m.	1	1.000 m.	35.9	4.5	40.4
ofisi #13	sq	6		1	0.820 m.	1	1.000 m.	44.6	7.2	51,8
ofisi #14	sq	6		1	0.820 m.	1	1.000 m.	47.4	9.7	57.1
ofisi #15	sq	6		1	0.820 m.	1	1.000 m.	48.7	3.9	52.6
ofisi #16	sq	5		1	0.820 m.	1	1.000 m.	47.1	3.1	50,2
ofisi #17	sq	3		1	0.820 m.	1	1.000 m.	27,2	4.3	31.5
ofisi #18	sq	3		1	0.820 m.	1	1.000 m.	27.4	4.2	31,6
ofisi #19	sq	5		1	0.820 m.	1	1.000 m.	37.2	11,0	48,2
								858,5	130,1	988.6

damkveTi	S.p.s. "mardielijgufi"
misamarTi	farnavazmefisgamz. #19
proeqtis saxeli	
mravalbiniani sacxovrebelisaxli	

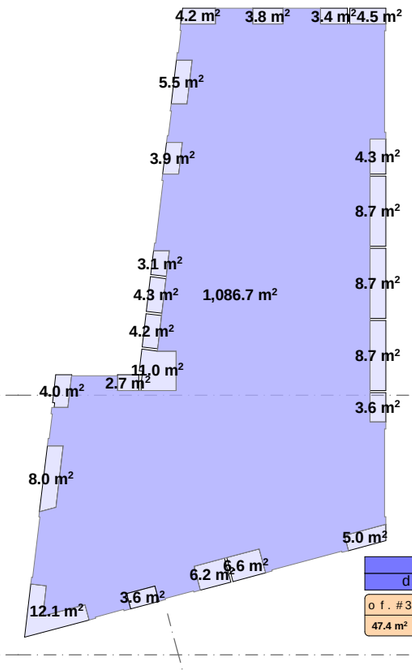
HELIX ARCHITECTURE

Semsrulebeli	S.p.s. "heliqsi" 404855992	
Tanamdeboba	gvari	xelmowera
direqtori	v. comaia	
mTarqiteqtori	v. comaia	
daamuSava	v. comaia	
konstruqtori	k. comaia	

masStabi	naxazis dasaxeleba	
1:150	gegma +2.800 niSnulze	
stadia	furclis #	furclebi
m.p.		

k2 = 1,086.7 m² + (130.1/3) = 1127.9 m²

kondicioneri rebis damsgavsi
danadgari rebis mowyobis adgili



sq	
d.d.6	
o f . # 33	57.1 m²
47.4 m²	9.7 m²

gasav l e l amde sava l i manZi l i 16.9 m

sq	
d.d.6	
o f . # 34	52.6 m²
48.7 m²	3.9 m²

sq	
d.d.5	
o f . # 35	50.2 m²
47.1 m²	3.1 m²

sq	
d.d.3	
o f . # 36	31.5 m²
27.2 m²	4.3 m²

sq	
d.d.3	
o f \ # 37	31.6 m²
27.4 m²	4.2 m²

sq	
d.d.5	
o f . # 38	48.2 m²
37.2 m²	11.0 m²

sq	
d.d.7	
o f . # 20	68.6 m²
61.9 m²	6.7 m²

sq	
d.d.6	
o f . # 21	54.7 m²
46.7 m²	8.0 m²

sq	
d.d.8	
o f . # 22	70.6 m²
58.5 m²	12.1 m²

sq	
d.d.6	
o f . # 32	51.8 m²
44.6 m²	7.2 m²

sq	
d.d.4	
o f . # 31	40.4 m²
35.9 m²	4.5 m²

sq	
d.d.5	
o f . # 30	45.1 m²
40.8 m²	4.3 m²

sq	
d.d.6	
o f . # 29	51.5 m²
42.8 m²	8.7 m²

sq	
d.d.6	
o f . # 28	51.5 m²
42.8 m²	8.7 m²

sq	
d.d.6	
o f . # 27	51.5 m²
42.8 m²	8.7 m²

sq	
d.d.5	
o f . # 26	44.6 m²
41.0 m²	3.6 m²

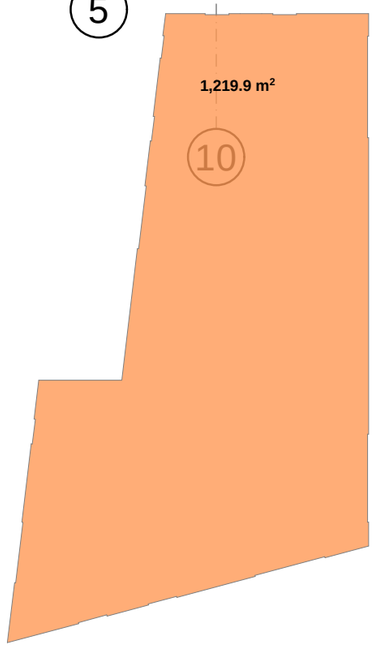
sq	
d.d.8	
o f . # 25	70.0 m²
65.0 m²	5.0 m²

sq	
d.d.5	
o f . # 24	49.0 m²
42.4 m²	6.6 m²

sq	
d.d.7	
o f . # 23	68.1 m²
58.3 m²	9.8 m²

gasav l e l amde sava l i manZi l i 20.5 m

samSeneb l o f a r To b i 1219.9 m2



	dakavebu l oba	dakavebu l obis datvi r Tva	saer To dak. datvi r Tva	mo Txovni l i gza-kari s rao denoba/sigane		gaTva l iswinebu l i gza-kari s rao denoba/sigane		sacxov. far Tobi	saza fx. far Tobi	saer To far Tobi
o f isi #20	sq	7		1	0.820 m.	1	1.000 m.	61.9	6,7	68.6
o f isi #21	sq	6		1	0.820 m.	1	1.000 m.	46.7	8.0	54.7
o f isi #22	sq	8		1	0.820 m.	1	1.000 m.	58.5	12.1	70,6
o f isi #23	sq	7		1	0.820 m.	1	1.000 m.	58,3	9,8	68.1
o f isi #24	sq	5		1	0.820 m.	1	1.000 m.	42.4	6.6	49.0
o f isi #25	sq	8		1	0.820 m.	1	1.000 m.	65.0	5.0	70.0
o f isi #26	sq	5		1	0.820 m.	1	1.000 m.	41.0	3.6	44.6
o f isi #27	sq	6		1	0.820 m.	1	1.000 m.	42.8	8.7	51.5
o f isi #28	sq	6	107	1	0.820 m.	1	1.000 m.	42.8	8.7	51.5
o f isi #29	sq	6		1	0.820 m.	1	1.000 m.	42.8	8.7	51.5
o f isi #30	sq	5		1	0.820 m.	1	1.000 m.	40.8	4.3	45.1
o f isi #31	sq	4		1	0.820 m.	1	1.000 m.	35.9	4.5	40.4
o f isi #32	sq	6		1	0.820 m.	1	1.000 m.	44.6	7.2	51,8
o f isi #33	sq	6		1	0.820 m.	1	1.000 m.	47.4	9.7	57.1
o f isi #34	sq	6		1	0.820 m.	1	1.000 m.	48.7	3.9	52.6
o f isi #35	sq	5		1	0.820 m.	1	1.000 m.	47.1	3.1	50,2
o f isi #36	sq	3		1	0.820 m.	1	1.000 m.	27,2	4.3	31.5
o f isi #37	sq	3		1	0.820 m.	1	1.000 m.	27.4	4.2	31,6
o f isi #38	sq	5		1	0.820 m.	1	1.000 m.	37.2	11,0	48,2
								858,5	130,1	988.6

damkveTi	S.p.s. "mar die l i jgufi"
misamar Ti	far navaz me fis gamz. # 19
proeqtis saxe l i	
mraval biniani sacxovrebe l i sax l i	

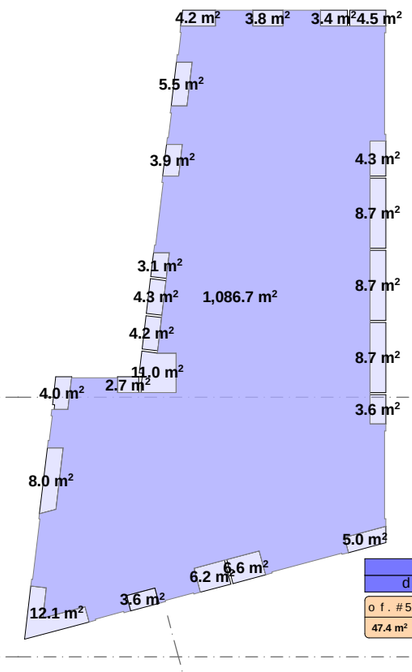
HELIX ARCHITECTURE

Sems rul ebe l i	S.p.s. "he l iqsi" 404855992	
Tanamdeboba	gvari	xe l mowera
direqtori	v. comaia	
mT. arqiteqtori	v. comaia	
daamuSava	v. comaia	
konstruqtori	k. comaia	

masStabi	naxazis dasaxe l eba	
1:150	gegma +5.900 niSnu l ze	
stadia	furc l is #	furc l ebi
m.p.		

k2 = 1,086.7 m² + (130.1/3) = 1127.9 m²

kondicioneребis damsgavsi
danadgarebismowyobisadgili



samSeneblo farTobi 1219.9 m2

	dakavebuloba	dakavebulobis datviriTva	saerTo dak. datviriTva	moTxovnili gza-kavris raodenoba/sigane		gaTvaliswinebuli gza-kavris raodenoba/sigane		sacxov. farTobi	sazafx. farTobi	saerTo farTobi
ofisi #39	sq	7		1	0.820 m.	1	1.000 m.	61.9	6,7	68.6
ofisi #40	sq	6		1	0.820 m.	1	1.000 m.	46.7	8.0	54.7
ofisi #41	sq	8		1	0.820 m.	1	1.000 m.	58.5	12.1	70,6
ofisi #42	sq	7		1	0.820 m.	1	1.000 m.	58,3	9,8	68.1
ofisi #43	sq	5		1	0.820 m.	1	1.000 m.	42.4	6.6	49.0
ofisi #44	sq	8		1	0.820 m.	1	1.000 m.	65.0	5.0	70.0
ofisi #45	sq	5		1	0.820 m.	1	1.000 m.	41.0	3.6	44.6
ofisi #46	sq	6		1	0.820 m.	1	1.000 m.	42.8	8.7	51.5
ofisi #47	sq	6	107	1	0.820 m.	1	1.000 m.	42.8	8.7	51.5
ofisi #48	sq	6		1	0.820 m.	1	1.000 m.	42.8	8.7	51.5
ofisi #49	sq	5		1	0.820 m.	1	1.000 m.	40.8	4.3	45.1
ofisi #50	sq	4		1	0.820 m.	1	1.000 m.	35.9	4.5	40.4
ofisi #51	sq	6		1	0.820 m.	1	1.000 m.	44.6	7.2	51,8
ofisi #52	sq	6		1	0.820 m.	1	1.000 m.	47.4	9.7	57.1
ofisi #53	sq	6		1	0.820 m.	1	1.000 m.	48.7	3.9	52.6
ofisi #54	sq	5		1	0.820 m.	1	1.000 m.	47.1	3.1	50,2
ofisi #55	sq	3		1	0.820 m.	1	1.000 m.	27,2	4.3	31.5
ofisi #56	sq	3		1	0.820 m.	1	1.000 m.	27.4	4.2	31,6
ofisi #57	sq	5		1	0.820 m.	1	1.000 m.	37.2	11,0	48,2
								858,5	130,1	988.6

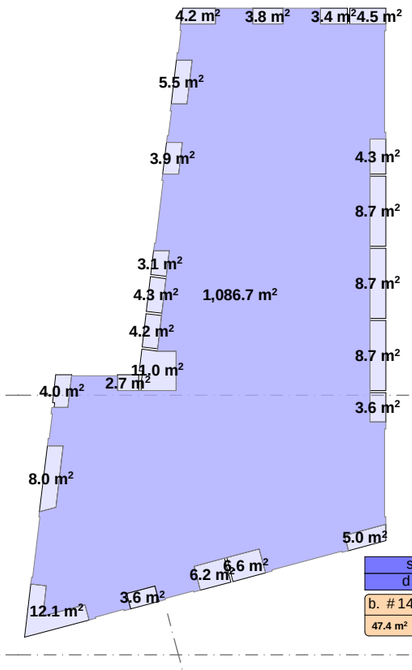
damkveTi	S.p.s. "mardielijgufi"
misamarTi	farnavazmefisgamz. #19
proeqtis saxeli	
mravalbiniani sacxovrebelisaxli	

HELIX ARCHITECTURE

Semsrulebeli	S.p.s. "heliqsi" 404855992	
Tanamdeboba	gvari	xelmowera
direqtori	v. comaia	
mTarqiteqtori	v. comaia	
daamuSava	v. comaia	
konstruqtori	k. comaia	

masStabi	naxazis dasaxeleba	
1:150	gegma +9.900 niSnulze	
stadia	furclis #	furclebi
m.p.		

k2 = 1,086.7 m² + (130.1/3) = 1127.9 m²



kondicionerebis damsgavsi danadgarebismowyobisadgili

samSeneblo farTobi 1219.9 m2

	dakavebuloba	dakavebulobis datvirTva	saerTo dak. datvirTva	moTxovnili gza-karis raodenoba/sigane		gaTvaliswinebuli gza-karis raodenoba/sigane		sacxov. farTobi	sazafx. farTobi	saerTo farTobi
bina #1	sc-2	4		1	0.820 m.	1	1.000 m.	61.9	6,7	68.6
bina #2	sc-2	3		1	0.820 m.	1	1.000 m.	46.7	8.0	54.7
bina #3	sc-2	4		1	0.820 m.	1	1.000 m.	58.5	12.1	70,6
bina #4	sc-2	4		1	0.820 m.	1	1.000 m.	58,3	9,8	68.1
bina #5	sc-2	3		1	0.820 m.	1	1.000 m.	42.4	6.6	49.0
bina #6	sc-2	4		1	0.820 m.	1	1.000 m.	65.0	5.0	70.0
bina #7	sc-2	2		1	0.820 m.	1	1.000 m.	41.0	3.6	44.6
bina #8	sc-2	3		1	0.820 m.	1	1.000 m.	42.8	8.7	51.5
bina #9	sc-2	3	56	1	0.820 m.	1	1.000 m.	42.8	8.7	51.5
bina #10	sc-2	3		1	0.820 m.	1	1.000 m.	42.8	8.7	51.5
bina #11	sc-2	2		1	0.820 m.	1	1.000 m.	40.8	4.3	45.1
bina #12	sc-2	2		1	0.820 m.	1	1.000 m.	35.9	4.5	40.4
bina #13	sc-2	3		1	0.820 m.	1	1.000 m.	44.6	7.2	51,8
bina #14	sc-2	3		1	0.820 m.	1	1.000 m.	47.4	9.7	57.1
bina #15	sc-2	3		1	0.820 m.	1	1.000 m.	48.7	3.9	52.6
bina #16	sc-2	3		1	0.820 m.	1	1.000 m.	47.1	3.1	50,2
bina #17	sc-2	2		1	0.820 m.	1	1.000 m.	27,2	4.3	31.5
bina #18	sc-2	2		1	0.820 m.	1	1.000 m.	27.4	4.2	31,6
bina #19	sc-2	3		1	0.820 m.	1	1.000 m.	37.2	11,0	48,2
								858,5	130,1	988.6

damkveTi	S.p.s. "mardielijgufi"
misamarTi	farnavazmefisgamz. #19
proeqtis saxeli	
mravalbiniani sacxovrebelisaxli	

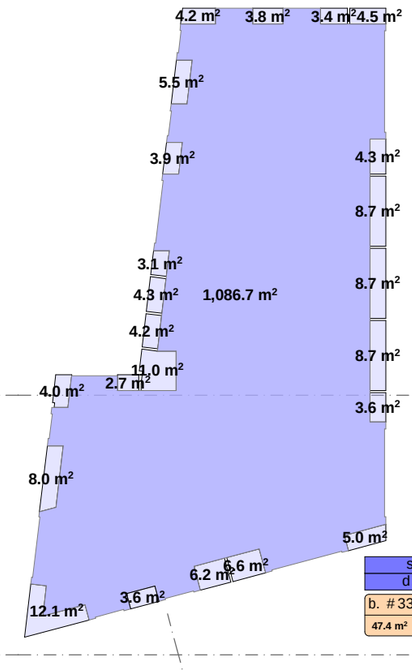
HELIX ARCHITECTURE

Semsrulebeli	S.p.s. "heliqsi" 404855992	
Tanamdeboba	gvari	xelmowera
direqtori	v. comaia	
mTarqiteqtori	v. comaia	
daamuSava	v. comaia	
konstruqtori	k. comaia	

masStabi	naxazis dasaxeleba	
1:150	gegma +12.100 niSnulze	
stadia	furclis #	furclebi
m.p.		

k2 = 1,086.7 m² + (130.1/3) = 1127.9 m²

kondicioneri rebis damsgavsi
danadgari rebis mowyobis adgili



sc-2 d.d.3	
b. #33	57.1 m²
47.4 m²	9.7 m²

gasavali amdesavali manZili 16.9 m

sc-2 d.d.3	
b. #34	52.6 m²
48.7 m²	3.9 m²

sc-2 d.d.3	
b. #35	50.2 m²
47.1 m²	3.1 m²

sc-2 d.d.2	
b. #36	31.5 m²
27.2 m²	4.3 m²

sc-2 d.d.2	
b. #37	31.6 m²
27.4 m²	4.2 m²

sc-2 d.d.3	
b. #38	48.2 m²
37.2 m²	11.0 m²

sc-2 d.d.4	
b. #20	68.6 m²
61.9 m²	6.7 m²

sc-2 d.d.3	
b. #21	54.7 m²
46.7 m²	8.0 m²

sc-2 d.d.4	
b. #22	70.6 m²
58.5 m²	12.1 m²

sc-2 d.d.4	
b. #23	68.1 m²
58.3 m²	9.8 m²

sc-2 d.d.3	
b. #24	49.0 m²
42.4 m²	6.6 m²

sc-2 d.d.3	
b. #32	51.8 m²
44.6 m²	7.2 m²

sc-2 d.d.2	
b. #31	40.4 m²
35.9 m²	4.5 m²

sc-2 d.d.2	
b. #30	45.1 m²
40.8 m²	4.3 m²

sc-2 d.d.3	
b. #29	51.5 m²
42.8 m²	8.7 m²

sc-2 d.d.3	
b. #28	51.5 m²
42.8 m²	8.7 m²

sc-2 d.d.3	
b. #27	51.5 m²
42.8 m²	8.7 m²

sc-2 d.d.2	
b. #26	44.6 m²
41.0 m²	3.6 m²

sc-2 d.d.4	
b. #25	70.0 m²
65.0 m²	5.0 m²

94.2 m²

gasavali amdesavali manZili 20.5 m

samSeneblo farTobi 1219.9 m2

1,219.9 m²

	dakavebuli obis datviriTva	dakavebuli obis datviriTva	saerTo dak. datviriTva	moTxovnili gza-kari is raodenoba/sigane		gaTvaliswinebuli gza-kari is raodenoba/sigane		sacxov. farTobi	sazafx. farTobi	saerTo farTobi
bina #20	sc-2	4		1	0.820 m.	1	1.000 m.	61.9	6,7	68.6
bina #21	sc-2	3		1	0.820 m.	1	1.000 m.	46.7	8.0	54.7
bina #22	sc-2	4		1	0.820 m.	1	1.000 m.	58.5	12.1	70,6
bina #23	sc-2	4		1	0.820 m.	1	1.000 m.	58,3	9,8	68.1
bina #24	sc-2	3		1	0.820 m.	1	1.000 m.	42.4	6.6	49.0
bina #25	sc-2	4		1	0.820 m.	1	1.000 m.	65.0	5.0	70.0
bina #26	sc-2	2		1	0.820 m.	1	1.000 m.	41.0	3.6	44.6
bina #27	sc-2	3		1	0.820 m.	1	1.000 m.	42.8	8.7	51.5
bina #28	sc-2	3	56	1	0.820 m.	1	1.000 m.	42.8	8.7	51.5
bina #29	sc-2	3		1	0.820 m.	1	1.000 m.	42.8	8.7	51.5
bina #30	sc-2	2		1	0.820 m.	1	1.000 m.	40.8	4.3	45.1
bina #31	sc-2	2		1	0.820 m.	1	1.000 m.	35.9	4.5	40.4
bina #32	sc-2	3		1	0.820 m.	1	1.000 m.	44.6	7.2	51,8
bina #33	sc-2	3		1	0.820 m.	1	1.000 m.	47.4	9.7	57.1
bina #34	sc-2	3		1	0.820 m.	1	1.000 m.	48.7	3.9	52.6
bina #35	sc-2	3		1	0.820 m.	1	1.000 m.	47.1	3.1	50,2
bina #36	sc-2	2		1	0.820 m.	1	1.000 m.	27,2	4.3	31.5
bina #37	sc-2	2		1	0.820 m.	1	1.000 m.	27.4	4.2	31,6
bina #38	sc-2	3		1	0.820 m.	1	1.000 m.	37.2	11,0	48,2
								858,5	130,1	988.6

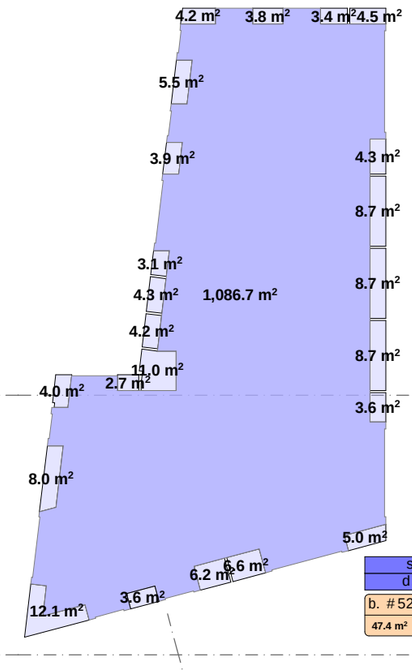
damkveTi	S.p.s. "mardieli jgufi"
misamarTi	farnavazmefisgamz. #19
proeqtis saxeli	
mravalbiniani sacxovrebeli saxli	

Semsrulebeli	S.p.s. "heliqsi" 404855992	
Tanamdeboba	gvari	xelmowera
direqtori	v. comaia	
mTarqiteqtori	v. comaia	
daamuSava	v. comaia	
konstruqtori	k. comaia	

masStabi	naxazis dasaxeleba	
1:150	gegma +15.200 niSnulze	
stadia	furclis #	furclebi
m.p.		

k2 = 1,086.7 m² + (130.1/3) = 1127.9 m²

kondicionerebis damsgavsi
danadgarebismowyobisadgili



sc-2 d.d.3	
b. #52	57.1 m²
47.4 m²	9.7 m²

sc-2 d.d.3	
b. #53	52.6 m²
48.7 m²	3.9 m²

sc-2 d.d.3	
b. #54	50.2 m²
47.1 m²	3.1 m²

sc-2 d.d.2	
b. #55	31.5 m²
27.2 m²	4.3 m²

sc-2 d.d.2	
b. #56	31.6 m²
27.4 m²	4.2 m²

sc-2 d.d.3	
b. #57	48.2 m²
37.2 m²	11.0 m²

sc-2 d.d.4	
b. #39	68.6 m²
61.9 m²	6.7 m²

sc-2 d.d.3	
b. #40	54.7 m²
46.7 m²	8.0 m²

sc-2 d.d.4	
b. #41	70.6 m²
58.5 m²	12.1 m²

sc-2 d.d.4	
b. #42	68.1 m²
58.3 m²	9.8 m²

sc-2 d.d.3	
b. #43	49.0 m²
42.4 m²	6.6 m²

sc-2 d.d.3	
b. #51	51.8 m²
44.6 m²	7.2 m²

sc-2 d.d.2	
b. #50	40.4 m²
35.9 m²	4.5 m²

sc-2 d.d.2	
b. #49	45.1 m²
40.8 m²	4.3 m²

sc-2 d.d.3	
b. #48	51.5 m²
42.8 m²	8.7 m²

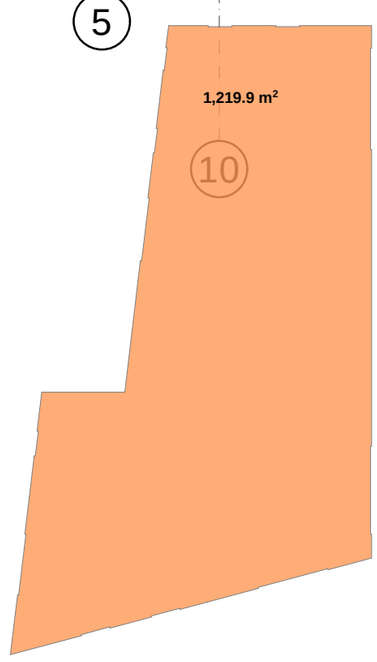
sc-2 d.d.3	
b. #47	51.5 m²
42.8 m²	8.7 m²

sc-2 d.d.3	
b. #46	51.5 m²
42.8 m²	8.7 m²

sc-2 d.d.2	
b. #45	44.6 m²
41.0 m²	3.6 m²

sc-2 d.d.4	
b. #44	70.0 m²
65.0 m²	5.0 m²

samSeneblo farTobi 1219.9 m2



	dakavebuloba	dakavebulobis datvirTva	saerTo dak. datvirTva	moTxovnili gza-karis raodenoba/sigane		gaTvaliswinebuli gza-karis raodenoba/sigane		sacxov. farTobi	sazafx. farTobi	saerTo farTobi
bina #39	sc-2	4		1	0.820 m.	1	1.000 m.	61.9	6,7	68.6
bina #40	sc-2	3		1	0.820 m.	1	1.000 m.	46.7	8.0	54.7
bina #41	sc-2	4		1	0.820 m.	1	1.000 m.	58.5	12.1	70,6
bina #42	sc-2	4		1	0.820 m.	1	1.000 m.	58,3	9,8	68.1
bina #43	sc-2	3		1	0.820 m.	1	1.000 m.	42.4	6.6	49.0
bina #44	sc-2	4		1	0.820 m.	1	1.000 m.	65.0	5.0	70.0
bina #45	sc-2	2		1	0.820 m.	1	1.000 m.	41.0	3.6	44.6
bina #46	sc-2	3		1	0.820 m.	1	1.000 m.	42.8	8.7	51.5
bina #47	sc-2	3	56	1	0.820 m.	1	1.000 m.	42.8	8.7	51.5
bina #48	sc-2	3		1	0.820 m.	1	1.000 m.	42.8	8.7	51.5
bina #49	sc-2	2		1	0.820 m.	1	1.000 m.	40.8	4.3	45.1
bina #50	sc-2	2		1	0.820 m.	1	1.000 m.	35.9	4.5	40.4
bina #51	sc-2	3		1	0.820 m.	1	1.000 m.	44.6	7.2	51,8
bina #52	sc-2	3		1	0.820 m.	1	1.000 m.	47.4	9.7	57.1
bina #53	sc-2	3		1	0.820 m.	1	1.000 m.	48.7	3.9	52.6
bina #54	sc-2	3		1	0.820 m.	1	1.000 m.	47.1	3.1	50,2
bina #55	sc-2	2		1	0.820 m.	1	1.000 m.	27,2	4.3	31.5
bina #56	sc-2	2		1	0.820 m.	1	1.000 m.	27.4	4.2	31,6
bina #57	sc-2	3		1	0.820 m.	1	1.000 m.	37.2	11,0	48,2
								858,5	130,1	988.6

damkveTi	S.p.s. "mardielijgufi"
misamarTi	farnavazmefisgamz. #19
proeqtis saxeli	
mravalbiniani sacxovrebelisaxli	

HELIX ARCHITECTURE

Semsrulebeli	S.p.s. "heliqsi" 404855992	
Tanamdeboba	gvari	xelmowera
direqtori	v. comaia	
mTarqiteqtori	v. comaia	
daamuSava	v. comaia	
konstruqtori	k. comaia	

masStabi	naxazis dasaxeleba	
1:150	gegma +18.300 niSnulze	
stadia	furclis #	furclebi
m.p.		

k2 = 1,005.3 m² + (183/3) = 1066.3 m²

kondicioneребis damsgavsi
danadgarebismowyobisadgili

1,005.3 m²

gasavleламdesavaliманZiлi 16.9 m

gasavleламdesavaliманZiлi 20.5 m

samSeneblofarTobi 1219.9 m2

1,219.9 m²

94.2 m²

R 9.000

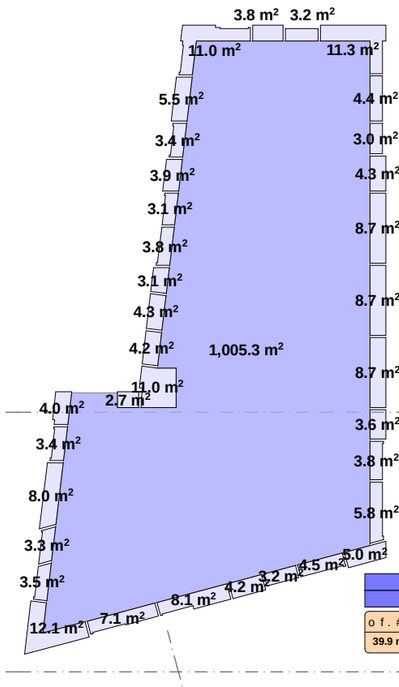
	dakavebuloba	dakavebulobis datvirTva	saerTo dak. datvirTva	moTxovnili gza-karis raodenoba/sigane		gaTvaliswinebuli gza-karis raodenoba/sigane		sacxov. farTobi	sazafx. farTobi	saerTo farTobi
ofisi #58	sq	7	106	1	0.820 m.	1	1.000 m.	57.9	10.1	68.0
ofisi #59	sq	6		1	0.820 m.	1	1.000 m.	42.7	11.3	54.0
ofisi #60	sq	9		1	0.820 m.	1	1.000 m.	60.5	22.7	83.2
ofisi #61	sq	6		1	0.820 m.	1	1.000 m.	46.1	8.1	54.2
ofisi #62	sq	5		1	0.820 m.	1	1.000 m.	41.2	7.4	48.6
ofisi #63	sq	7		1	0.820 m.	1	1.000 m.	47.0	15.3	62.3
ofisi #64	sq	5		1	0.820 m.	1	1.000 m.	42.8	7.4	50.2
ofisi #65	sq	6		1	0.820 m.	1	1.000 m.	42.8	8.7	51.5
ofisi #66	sq	6		1	0.820 m.	1	1.000 m.	42.8	8.7	51.5
ofisi #67	sq	6		1	0.820 m.	1	1.000 m.	42.8	8.7	51.5
ofisi #68	sq	3		1	0.820 m.	1	1.000 m.	21.4	4.3	25.7
ofisi #69	sq	5		1	0.820 m.	1	1.000 m.	39.5	7.4	46.9
ofisi #70	sq	7		1	0.820 m.	1	1.000 m.	44.7	18.3	63.0
ofisi #71	sq	6		1	0.820 m.	1	1.000 m.	39.9	16.5	56.4
ofisi #72	sq	6		1	0.820 m.	1	1.000 m.	41.1	10.4	51.5
ofisi #73	sq	5		1	0.820 m.	1	1.000 m.	42.6	6.9	49.5
ofisi #74	sq	3		1	0.820 m.	1	1.000 m.	27,2	4.3	31.5
ofisi #75	sq	3		1	0.820 m.	1	1.000 m.	27.4	4.2	31,6
ofisi #76	sq	5		1	0.820 m.	1	1.000 m.	37.2	11,0	48,2
								787.6	191.7	979.3

damkveTi	S.p.s. "mardielijgufi"
misamarTi	farnavazmefisgamz. #19
proeqtis saxeli	
mravalbiniani sacxovrebelisaxli	

Semsrulebeli	S.p.s. "heliqsi" 404855992	
Tanamdeboba	gvari	xelmowera
direqtori	v. comaia	
mTarqiteqtori	v. comaia	
daamuSava	v. comaia	
konstruqtori	k. comaia	

masStabi	naxazis dasaxeleba	
1:150	gegma +21.400 niSnulze	
stadia	furclis#	furclebi
m.p.		

k2 = 1,005.3 m² + (183/3) = 1066.3 m²



	dakavebuloba	dakavebulobis datvirTva	saerTo dak. datvirTva	moTxovnili gza-karis raodenoba/sigane		gaTvaliswinebuli gza-karis raodenoba/sigane		sacxov. farTobi	sazafx. farTobi	saerTo farTobi
ofisi #77	sq	7		1	0.820 m.	1	1.000 m.	57.9	10.1	68.0
ofisi #78	sq	6		1	0.820 m.	1	1.000 m.	42.7	11.3	54.0
ofisi #79	sq	9		1	0.820 m.	1	1.000 m.	60.5	22.7	83.2
ofisi #80	sq	6		1	0.820 m.	1	1.000 m.	46.1	8.1	54.2
ofisi #81	sq	5		1	0.820 m.	1	1.000 m.	41.2	7.4	48.6
ofisi #82	sq	7		1	0.820 m.	1	1.000 m.	47.0	15.3	62.3
ofisi #83	sq	5		1	0.820 m.	1	1.000 m.	42.8	7.4	50.2
ofisi #84	sq	6		1	0.820 m.	1	1.000 m.	42.8	8.7	51.5
ofisi #85	sq	6	106	1	0.820 m.	1	1.000 m.	42.8	8.7	51.5
ofisi #86	sq	6		1	0.820 m.	1	1.000 m.	42.8	8.7	51.5
ofisi #87	sq	3		1	0.820 m.	1	1.000 m.	21.4	4.3	25.7
ofisi #88	sq	5		1	0.820 m.	1	1.000 m.	39.5	7.4	46.9
ofisi #89	sq	7		1	0.820 m.	1	1.000 m.	44.7	18.3	63.0
ofisi #90	sq	6		1	0.820 m.	1	1.000 m.	39.9	16.5	56.4
ofisi #91	sq	6		1	0.820 m.	1	1.000 m.	41.1	10.4	51.5
ofisi #92	sq	5		1	0.820 m.	1	1.000 m.	42.6	6.9	49.5
ofisi #93	sq	3		1	0.820 m.	1	1.000 m.	27,2	4.3	31.5
ofisi #94	sq	3		1	0.820 m.	1	1.000 m.	27.4	4.2	31,6
ofisi #95	sq	5		1	0.820 m.	1	1.000 m.	37.2	11,0	48,2
								787.6	191.7	979.3

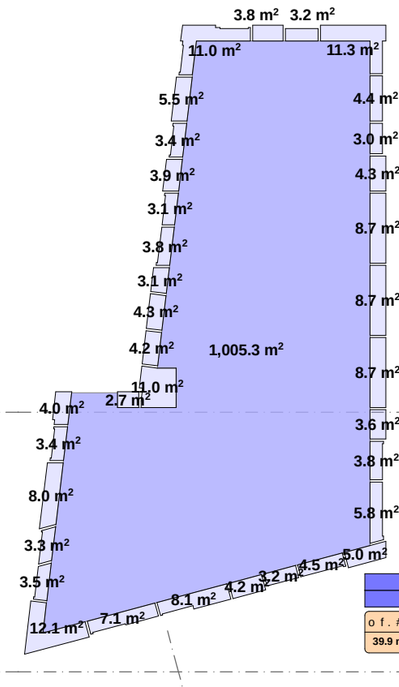
damkveTi	S.p.s. "mardielijgufi"
misamarTi	farnavazmefisgamz. #19
proeqtis saxeli	
mravalbiniani sacxovrebelisaxli	

HELIX ARCHITECTURE

Semsrulebeli	S.p.s. "heliqsi" 404855992	
Tanamdeboba	gvari	xelmowera
direqtori	v. comaia	
mT. arqiteqtori	v. comaia	
daamuSava	v. comaia	
konstruqtori	k. comaia	

masStabi	naxazis dasaxeleba	
1:150	gegma +24.500 niSnulze	
stadia	furclis #	furclebi
m.p.		

k2 = 1,005.3 m² + (183/3) = 1066.3 m²



kondicioneребis damsgavsi
danadgarebismowyobisadgili

gasavlelamdesavalimanZilili 16.9 m

gasavlelamdesavalimanZilili 20.5 m

R 9.000

L = 19.700

L = 24.200

94.2 m²

samSeneblofarTobi 1219.9 m2

1,219.9 m²

	dakavebuloba	dakavebulobis datvirTva	saerTo dak. datvirTva	moTxovnili gza-karis raodenoba/sigane		gaTvaliswinebuli gza-karis raodenoba/sigane		sacxov. farTobi	sazafx. farTobi	saerTo farTobi
ofisi #96	sq	7		1	0.820 m.	1	1.000 m.	57.9	10.1	68.0
ofisi #97	sq	6		1	0.820 m.	1	1.000 m.	42.7	11.3	54.0
ofisi #98	sq	9		1	0.820 m.	1	1.000 m.	60.5	22.7	83.2
ofisi #99	sq	6		1	0.820 m.	1	1.000 m.	46.1	8.1	54.2
ofisi #100	sq	5		1	0.820 m.	1	1.000 m.	41.2	7.4	48.6
ofisi #101	sq	7		1	0.820 m.	1	1.000 m.	47.0	15.3	62.3
ofisi #102	sq	5		1	0.820 m.	1	1.000 m.	42.8	7.4	50.2
ofisi #103	sq	6		1	0.820 m.	1	1.000 m.	42.8	8.7	51.5
ofisi #104	sq	6	106	1	0.820 m.	1	1.000 m.	42.8	8.7	51.5
ofisi #105	sq	6		1	0.820 m.	1	1.000 m.	42.8	8.7	51.5
ofisi #106	sq	3		1	0.820 m.	1	1.000 m.	21.4	4.3	25.7
ofisi #107	sq	5		1	0.820 m.	1	1.000 m.	39.5	7.4	46.9
ofisi #108	sq	7		1	0.820 m.	1	1.000 m.	44.7	18.3	63.0
ofisi #109	sq	6		1	0.820 m.	1	1.000 m.	39.9	16.5	56.4
ofisi #110	sq	6		1	0.820 m.	1	1.000 m.	41.1	10.4	51.5
ofisi #111	sq	5		1	0.820 m.	1	1.000 m.	42.6	6.9	49.5
ofisi #112	sq	3		1	0.820 m.	1	1.000 m.	27,2	4.3	31.5
ofisi #113	sq	3		1	0.820 m.	1	1.000 m.	27.4	4.2	31,6
ofisi #114	sq	5		1	0.820 m.	1	1.000 m.	37.2	11,0	48,2
								787.6	191.7	979.3

damkveTi	S.p.s. "mardielijgufi"
misamarTi	farnavazmefisgamz. #19
proeqtis saxeli	
mravalbiniani sacxovrebelisaxli	

Semsrulebeli	S.p.s. "heliqsi" 404855992	
Tanamdeboba	gvari	xelmowera
direqtori	v. comaia	
mT. arqiteqtori	v. comaia	
daamuSava	v. comaia	
konstruqtori	k. comaia	

masStabi	naxazis dasaxeleba	
1:150	gegma +27.600 niSnulze	
stadia	furclis #	furclebi
m.p.		

k2 = 1,005.3 m² + (183/3) = 1066.3 m²

kondicioneri rebis damsgavsi
danadgari rebis mowyobis adgili

gasavali amdesavali manZili 16.9 m

gasavali amdesavali manZili 20.5 m

samSeneblo farTobi 1219.9 m2

	dakavebuli oba	dakavebulobis datviriTva	saerTo dak. datviriTva	moTxovnili gza-kavis raodenoba/sigane		gaTvaliswinebuli gza-kavis raodenoba/sigane		sacxov. farTobi	sazafx. farTobi	saerTo farTobi
ofisi #115	sq	7		1	0.820 m.	1	1.000 m.	57.9	10.1	68.0
ofisi #116	sq	6		1	0.820 m.	1	1.000 m.	42.7	11.3	54.0
ofisi #117	sq	9		1	0.820 m.	1	1.000 m.	60.5	22.7	83.2
ofisi #118	sq	6		1	0.820 m.	1	1.000 m.	46.1	8.1	54.2
ofisi #119	sq	5		1	0.820 m.	1	1.000 m.	41.2	7.4	48.6
ofisi #120	sq	7		1	0.820 m.	1	1.000 m.	47.0	15.3	62.3
ofisi #121	sq	5		1	0.820 m.	1	1.000 m.	42.8	7.4	50.2
ofisi #122	sq	6		1	0.820 m.	1	1.000 m.	42.8	8.7	51.5
ofisi #123	sq	6	106	1	0.820 m.	1	1.000 m.	42.8	8.7	51.5
ofisi #124	sq	6		1	0.820 m.	1	1.000 m.	42.8	8.7	51.5
ofisi #125	sq	3		1	0.820 m.	1	1.000 m.	21.4	4.3	25.7
ofisi #126	sq	5		1	0.820 m.	1	1.000 m.	39.5	7.4	46.9
ofisi #127	sq	7		1	0.820 m.	1	1.000 m.	44.7	18.3	63.0
ofisi #128	sq	6		1	0.820 m.	1	1.000 m.	39.9	16.5	56.4
ofisi #129	sq	6		1	0.820 m.	1	1.000 m.	41.1	10.4	51.5
ofisi #130	sq	5		1	0.820 m.	1	1.000 m.	42.6	6.9	49.5
ofisi #131	sq	3		1	0.820 m.	1	1.000 m.	27,2	4.3	31.5
ofisi #132	sq	3		1	0.820 m.	1	1.000 m.	27.4	4.2	31,6
ofisi #133	sq	5		1	0.820 m.	1	1.000 m.	37.2	11,0	48,2
								787.6	191.7	979.3

damkveTi	S.p.s. "mardielijgufi"
misamarTi	farnavazmefisgamz. #19
proeqtis saxeli	
mravalbiniani sacxovrebelisaxli	

Semsrulebeli	S.p.s. "heliqsi" 404855992	
Tanamdeboba	gvari	xelmowera
direqtori	v. comaia	
mTarqiteqtori	v. comaia	
daamuSava	v. comaia	
konstruqtori	k. comaia	

masStabi	naxazis dasaxeleba	
1:150	gegma +30.700 niSnulze	
stadia	furclis #	furclebi
m.p.		

k2 = 1,005.3 m² + (183/3) = 1066.3 m²

kondicioneri rebis damsgavsi
danadgari rebis mowyobis adgili

gasavali amdesavali manZili 16.9 m

gasavali amdesavali manZili 20.5 m

samSeneblo farTobi 1219.9 m2

	dakavebuli oba	dakavebuli obis datviriTva	saerTo dak. datviriTva	moTxovnili gza-kari is raodenoba/sigane		gaTvaliswinebuli gza-kari is raodenoba/sigane		sacxov. farTobi	sazafx. farTobi	saerTo farTobi
ofisi #134	sq	7		1	0.820 m.	1	1.000 m.	57.9	10.1	68.0
ofisi #135	sq	6		1	0.820 m.	1	1.000 m.	42.7	11.3	54.0
ofisi #136	sq	9		1	0.820 m.	1	1.000 m.	60.5	22.7	83.2
ofisi #137	sq	6		1	0.820 m.	1	1.000 m.	46.1	8.1	54.2
ofisi #138	sq	5		1	0.820 m.	1	1.000 m.	41.2	7.4	48.6
ofisi #139	sq	7		1	0.820 m.	1	1.000 m.	47.0	15.3	62.3
ofisi #140	sq	5		1	0.820 m.	1	1.000 m.	42.8	7.4	50.2
ofisi #141	sq	6		1	0.820 m.	1	1.000 m.	42.8	8.7	51.5
ofisi #142	sq	6	106	1	0.820 m.	1	1.000 m.	42.8	8.7	51.5
ofisi #143	sq	6		1	0.820 m.	1	1.000 m.	42.8	8.7	51.5
ofisi #144	sq	3		1	0.820 m.	1	1.000 m.	21.4	4.3	25.7
ofisi #145	sq	5		1	0.820 m.	1	1.000 m.	39.5	7.4	46.9
ofisi #146	sq	7		1	0.820 m.	1	1.000 m.	44.7	18.3	63.0
ofisi #147	sq	6		1	0.820 m.	1	1.000 m.	39.9	16.5	56.4
ofisi #148	sq	6		1	0.820 m.	1	1.000 m.	41.1	10.4	51.5
ofisi #149	sq	5		1	0.820 m.	1	1.000 m.	42.6	6.9	49.5
ofisi #150	sq	3		1	0.820 m.	1	1.000 m.	27,2	4.3	31.5
ofisi #151	sq	3		1	0.820 m.	1	1.000 m.	27.4	4.2	31,6
ofisi #152	sq	5		1	0.820 m.	1	1.000 m.	37.2	11,0	48,2
								787.6	191.7	979.3

damkveTi	S.p.s. "mardieli jgufi"	
misamarTi	farnavazmefisgamz. #19	
proeqtis saxeli		
mravalbiniani sacxovrebeli saxli		
HELIX ARCHITECTURE		
Semsrulebeli	S.p.s. "heliqsi" 404855992	
Tanamdeboba	gvari	xelmowera
direqtori	v. comaia	
mTarqiteqtori	v. comaia	
daamuSava	v. comaia	
konstruqtori	k. comaia	
masStabi	naxazis dasaxeleba	
1:150	gegma +33.800 niSnulze	
stadia	furclis #	furclebi
m.p.		

k2 = 1,005.3 m² + (183/3) = 1066.3 m²

kondicionerebis damsgavsi
danadgarebismowyobisadgili

gasavlelamdesavalimanZilii 16.9 m

gasavlelamdesavalimanZilii 20.5 m

samSeneblo farTobi 1219.9 m2

1,219.9 m²

1,005.3 m²

94.2 m²

R 9.000

L = 19,700

L = 24,200

	dakavebuloba	dakavebulobis datvirTva	saerTo dak. datvirTva	moTxovnili gza-karis raodenoba/sigane		gaTvaliswinebuli gza-karis raodenoba/sigane		sacxov. farTobi	sazafx. farTobi	saerTo farTobi
ofisi #153	sq	7	106	1	0.820 m.	1	1.000 m.	57.9	10.1	68.0
ofisi #154	sq	6		1	0.820 m.	1	1.000 m.	42.7	11.3	54.0
ofisi #155	sq	9		1	0.820 m.	1	1.000 m.	60.5	22.7	83.2
ofisi #156	sq	6		1	0.820 m.	1	1.000 m.	46.1	8.1	54.2
ofisi #157	sq	5		1	0.820 m.	1	1.000 m.	41.2	7.4	48.6
ofisi #158	sq	7		1	0.820 m.	1	1.000 m.	47.0	15.3	62.3
ofisi #159	sq	5		1	0.820 m.	1	1.000 m.	42.8	7.4	50.2
ofisi #160	sq	6		1	0.820 m.	1	1.000 m.	42.8	8.7	51.5
ofisi #161	sq	6		1	0.820 m.	1	1.000 m.	42.8	8.7	51.5
ofisi #162	sq	6		1	0.820 m.	1	1.000 m.	42.8	8.7	51.5
ofisi #163	sq	3		1	0.820 m.	1	1.000 m.	21.4	4.3	25.7
ofisi #164	sq	5		1	0.820 m.	1	1.000 m.	39.5	7.4	46.9
ofisi #165	sq	7		1	0.820 m.	1	1.000 m.	44.7	18.3	63.0
ofisi #166	sq	6		1	0.820 m.	1	1.000 m.	39.9	16.5	56.4
ofisi #167	sq	6		1	0.820 m.	1	1.000 m.	41.1	10.4	51.5
ofisi #168	sq	5		1	0.820 m.	1	1.000 m.	42.6	6.9	49.5
ofisi #169	sq	3		1	0.820 m.	1	1.000 m.	27,2	4.3	31.5
ofisi #170	sq	3		1	0.820 m.	1	1.000 m.	27.4	4.2	31,6
ofisi #171	sq	5		1	0.820 m.	1	1.000 m.	37.2	11,0	48,2
								787.6	191.7	979.3

damkveTi	S.p.s. "mardielijgufi"
misamarTi	farnavazmefisgamz. #19
proeqtis saxeli	
mravalbiniani sacxovrebelisaxli	

HELIX ARCHITECTURE

Semsrulebeli	S.p.s. "heliqsi" 404855992	
Tanamdeboba	gvari	xelmowera
direqtori	v. comaia	
mTarqiteqtori	v. comaia	
daamuSava	v. comaia	
konstruqtori	k. comaia	

masStabi	naxazis dasaxeleba	
1:150	gegma +36.900 niSnulze	
stadia	furclis #	furclebi
m.p.		

k2 = 28.6 m² + 33.9 m² = 62.5 m²

28.6 m²

33.9 m²

7.9 m²

9.4 m²

1,219.9 m²

6,200 1,900 6,900 10,000

6,900 6,400 6,400 6,400 6,400 5,600

10,000 10,000 10,000

3,900 5,600

7,382 1,800 6,400 6,300 6,660

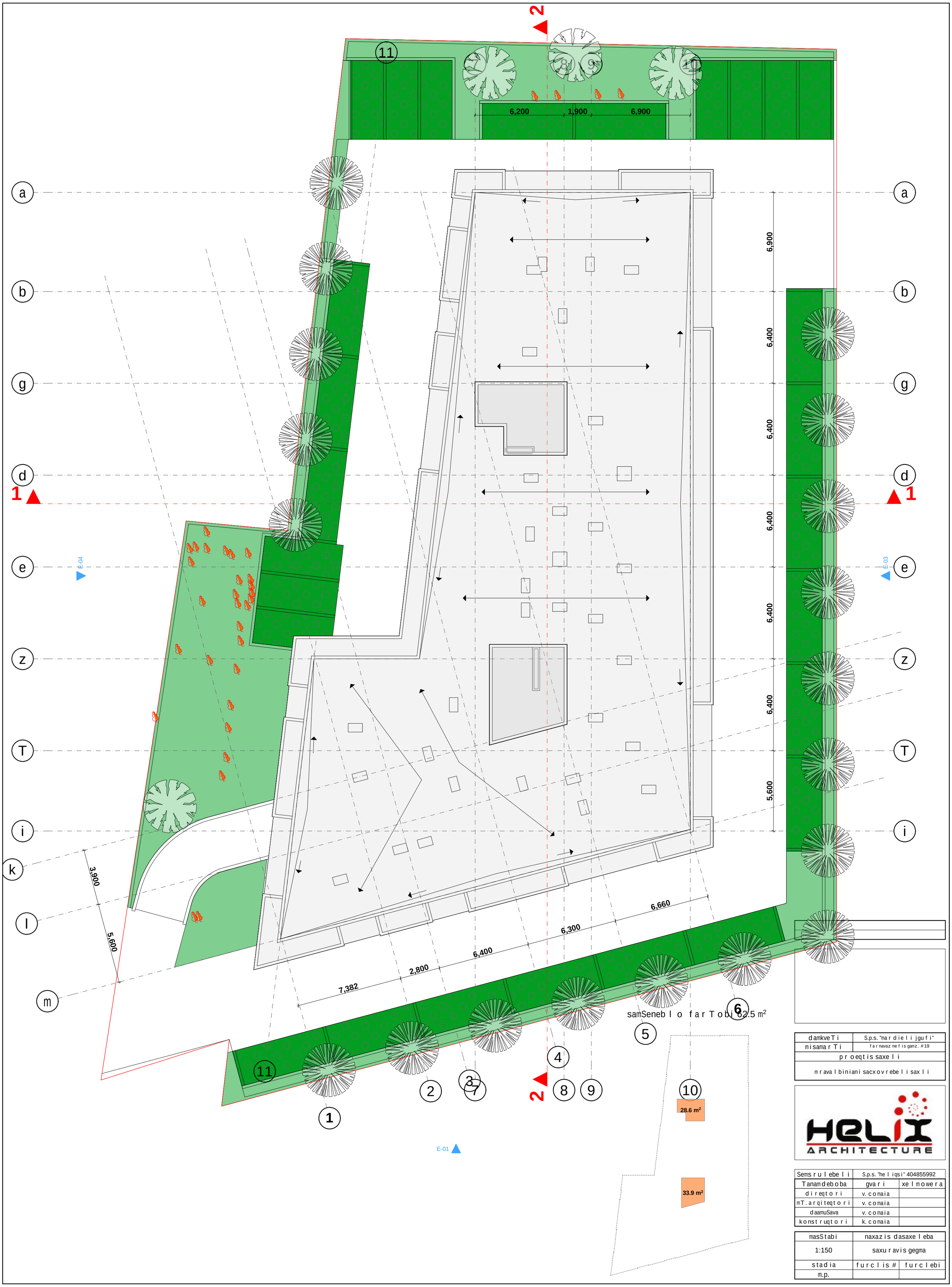
11 7 8 9 10 a b g d e z T i k l m 2 1 E-04 E-03 E-01

samSeneb l o far T obi 1219.9 m2

damkveTi	S.p.s. "mar die l i jgufi"
misamar Ti	far navaz me fis gamz. #19
pr oeqtis saxe l i	
m r aval biniani sacxovrebe l i sax l i	

Sems r u l ebe l i	S.p.s. "he l iqsi" 404855992	
Tanamdeboba	gvar i	xe l mowe r a
d i reqtor i	v. comaia	
mT. ar qiteqtor i	v. comaia	
daamuSava	v. comaia	
konstruqtor i	k. comaia	

masStabi	naxaz is dasaxe l eba	
1:150	gegma +40.000 niSnu l ze	
stadia	f ur c l is #	f ur c l ebi
m.p.		



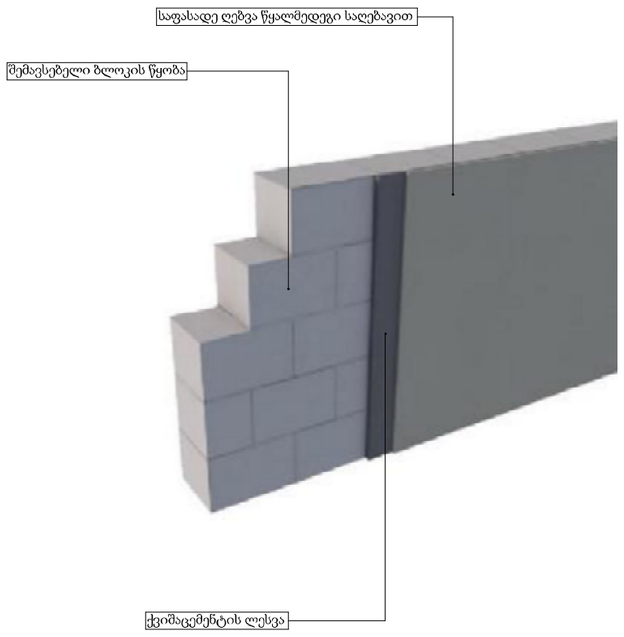
damkveTi	S.p.s. "mardielijgufi"
misamarTi	farnavazmefisgamz. #19
proeqtissaxeli	
mravalbiniani sacxovrebelisaxli	

HELIX ARCHITECTURE

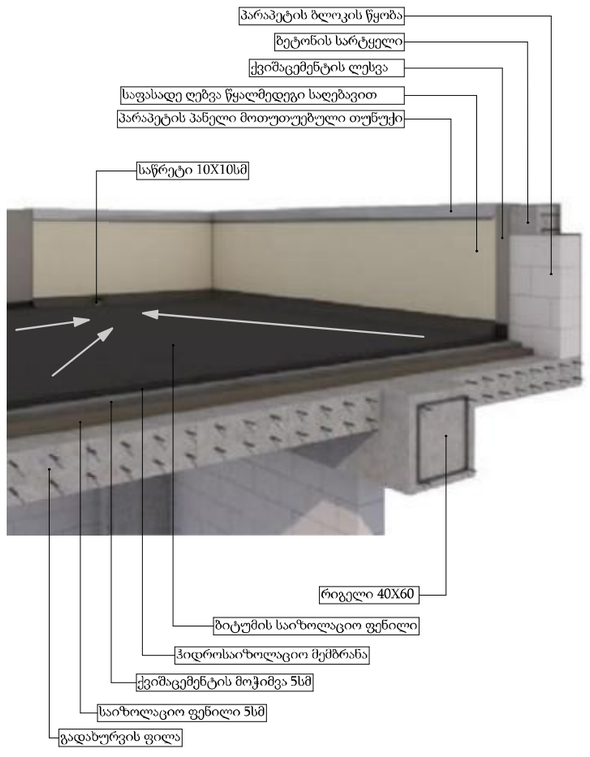
Semsrulebeli	S.p.s. "heliqsi" 404855992	
Tanamdeboba	gvari	xelmowera
direqtori	v. comaia	
mTarqiteqtori	v. comaia	
daamuSava	v. comaia	
konstruqtori	k. comaia	

masStabi	naxazis dasaxeleba	
1:150	saxuravis gegma	
stadia	furclis #	furclebi
m.p.		

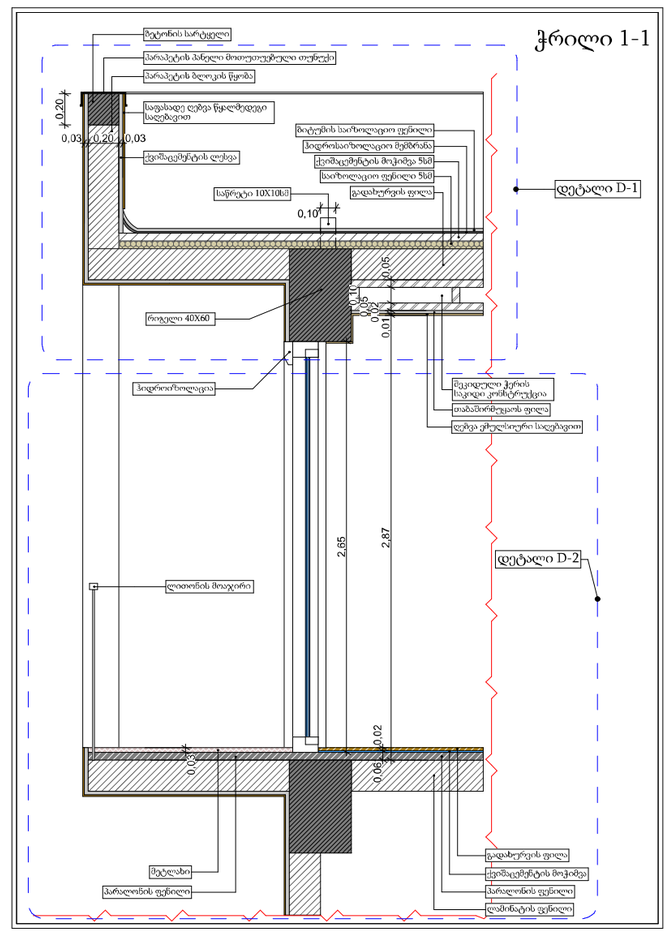
ვიზუალიზაცი 1



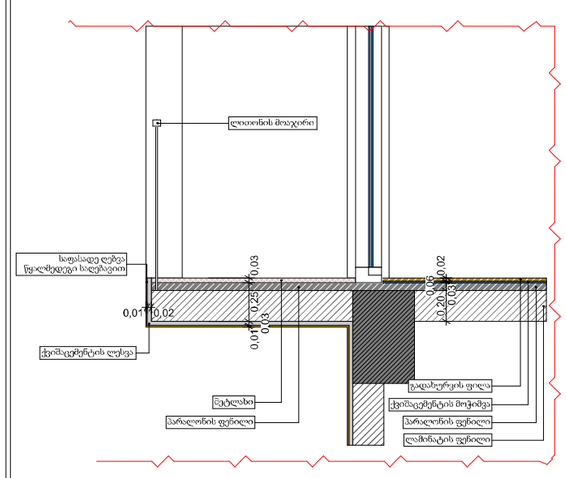
ვიზუალიზაცი 2



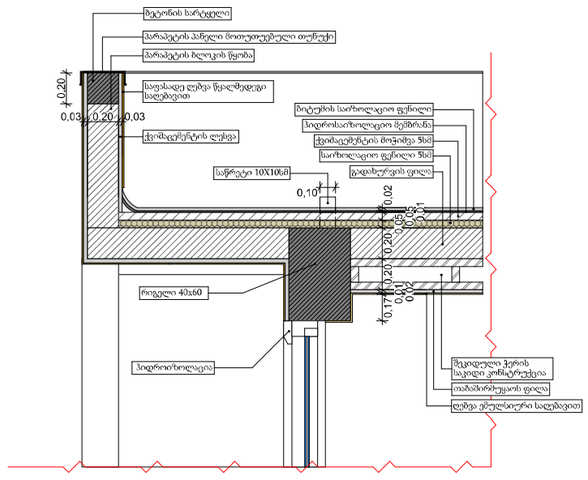
ჭრილი 1-1



ჭრილი 1-1
დეტალი D-2



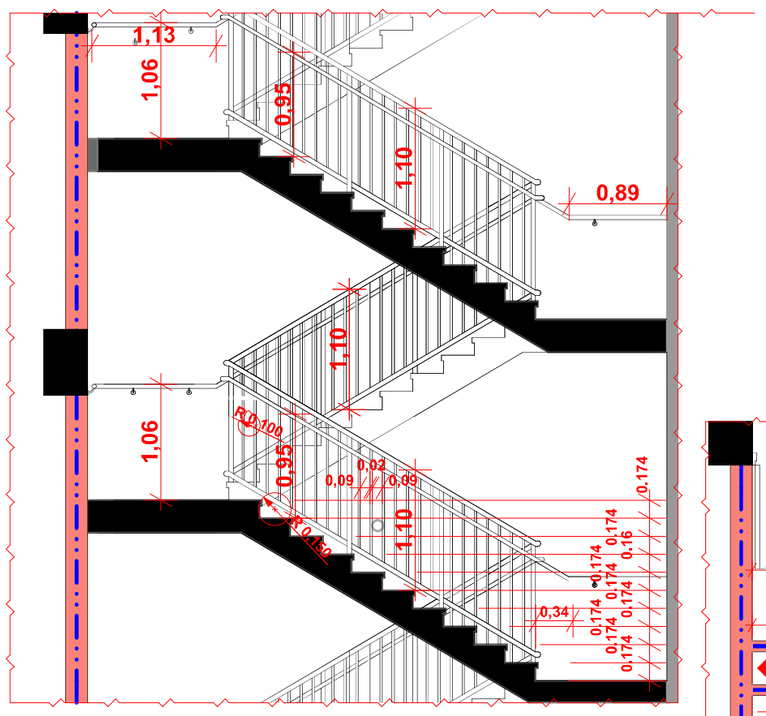
ჭრილი 1-1
დეტალი D-1



damkveTi	S.p.s. "mardielijgufi"
misamarTi	farnavazmefisgamz. #19
proeqtissaxeli	
mravalbiniani sacxovrebelisaxli	

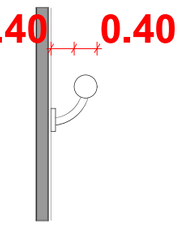
Semsrulebeli	S.p.s. "heliqsi" 404855992	
Tanamdeboba	gvari	xelmowera
direqtori	v. comaia	
mT. arqiteqtori	v. comaia	
daamuSava	v. comaia	
konstruqtori	k. comaia	

masStabi	naxazisdasaxeleba	
stadia	furclis #	furclebi
m.p.		

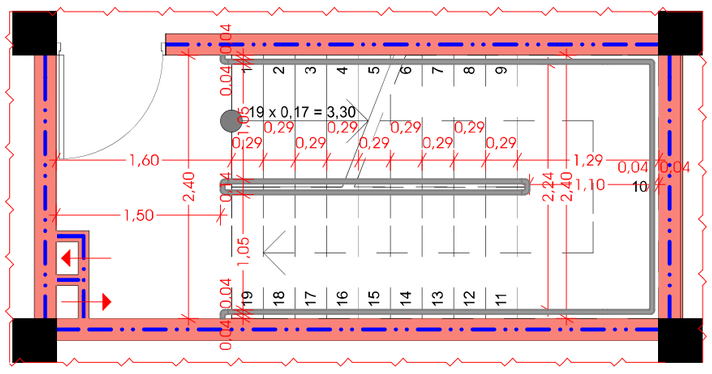


სახელურის

0.40 0.40



დეტალი გეგმა



damkveTi	S.p.s. "mardielijgufi"	
misamarTi	farnavazmefisgamz. #19	
proeqtissaxeli		
mravalbiniani sacxovrebelisaxli		
Semsrulebeli	S.p.s. "heliqsi" 404855992	
Tanamdeboba	gvari	xelmowera
direqtori	v. comaia	
mT. arqiteqtori	v. comaia	
daamuSava	v. comaia	
konstruqtori	k. comaia	
masStabi	naxazis dasaxeleba	
stadia	furclis #	furclebi
m.p.		