mSeneblobis organizaciis proeqti

I. mSeneblobis organizaciis proeqtis Sedgenis safuZveli da misi normatiuli baza

1. Cvens mier Sedgenili mop-i iTvaliswinebs sn da w 3.01.01-85 “samSeneblo warmoebis organizacia” moTxovnilebebs, mSeneblo-baze xanZarsawinaaRmdego da Sromis usafrTxo RonisZiebebis dacviT.

2. mSeneblobis organizaciis proeqtis Sedgenas safuZvlad daedo Semdegi monacemebi:

_ davaleba proeqtirebaze;

_ proeqtiT miRebuli arqiteqturul-dagegmarebiTi da konstruqciuli gadawyvetilebebi;

_ mSeneblobis raionis situaciuri gegma;

_ geodeziuri gegmebi da profilebi;

_ sainJinro-geologiuri gamokvlevebi da monacemebi;

_ obieqtis naturaSi daTvaliereba;

3. mSeneblobis organizaciis proeqti Sesrulebulia moqmedi samSeneblo normebis, wesebis da saxelmwifo standartis (maT Soris xanZarfeTqebadi usafrTxoebis) Sesabamisad.

3.1 sn da w 3.0.10.1-85 “samSeneblo warmoebis organizacia”

3.2 sn da w 1.0.40.3-85 “mSeneblobis xangrZlivobis normebi sacxovrebeli saxlebis mSeneblobaze”

3.3 mSeneblobis organizaciis Sedgenis etaloni samxreTis mTiani raionebisTvis.

3.4 krebuli-samaxsovro “samSeneblo warmoebis normebi da wesebi” amonakrebi moqmedi samSeneblo normebidan da wesebidan, urbanizaciisa da mSeneblobis saministros gamocema. q.Tbilisi 1987 weli, qarTul enaze.

3.5 sn da w III-4-80 “usafrTxoebis teqnika mSeneblobaSi”

3.6 s.g.n-73 “gaangariSebis normativebi 1 milion maneT Sesasrule-bel samSeneblo-samontaJo samuSaobze”

4. miiRebs Tu ara damkveTisgan damtkicebul saproeqto dokumentacias samSeneblo organizacia amuSavebs samuSaoTa warmoebis proeqts. am proeqtis Sedgena unda warmoebdes mSeneblobis organizaciis proeqtSi miRebuli gadawyvetilebebis Sesabamisad.

5. mSeneblobis dawyeba daiSveba TbilmSenarqinspeqciis saTanado nebarTvis aRebis Semdeg. aucilebelia samSeneblo moednis SemoRobva droebiTi xis an mavTulbadis RobiT.

6. mSeneblobis uzrunvelyofa eleqtroenergiiT da wyliT unda moxdes TelasTan da Tbilisis wyalTan dadebuli xelSekrulebis safuZvelze.

7. geodeziuri-dakvalviTi samuSaobi srulideba sn da w 3.02-07-87 “geodeziuri samuSaobi mSeneblobaSi” moTxovnaTa gaTvaliswinebiT. wiTel xazebSi moqceuli teritoria unda dadasturdes qalaqis mTavari arqiteqturis samsaxuris mier Senobis dakvalvasTan erTad.

II. samSeneblo moednis da nagebobis daxasiaTeba

1. mSeneblobisTvis gamoyofili teritoria mdebareobs q. Tbilisi u.CxeiZis q.#17 da d.uznaZis q.#58.

2. proeqtiT gaTvaliswinebulia mravalfunqciuri saavadmyofos Senobis mSenebloba.

3. fizikur-geologiuri TvalsazrisiT samSeneblo ubnis grunti myaria da uaryofiTi geologiuri movlenebi mosalodnelia ar aris.

4. Senoba dayofilia sam blokad, I-II-III-IV blokebad. Senoba ZiriTadad 4 sarTuliania, centralur nawilSi 5 sarTuliani. Senobas gaaCnia sardafis sarTuli. blokebi erTmaneTisgan gamoyofilia seismuri nakeriT.ZiriTadi korpusi Sedgeba 4 blokisagan, romlebic gamoyofilia erTmaneTisagan seismuri nakerebiT. samSeneblo ubani xasiaTdeba Semdegi fizikur-meqanikuri maxasiaTeblebiT: seismuroba - 8 bali; qaris datvirTva - 50 kgZ/kv.m; Tovlis datvirTva - 50 kgZ/kv.m; fardobiT niSnuls ±0.000Seesabameba absoluturi niSnuli 417.00 m. saZirkvlis fuZed miRebulia ZiriTadi qani _ Tixovani qviSaqvebis (30%) da argiliTebis (70%) morigeoba, sustad gamofituli simtkicis zRvris normatiuli mniSvnelobiT erTRerZa kumSvaze wyalgajerebul mdgomareobaSi $R_{c,n}$=44.11 kgZ/sm^2. saZirkvlis konstruqcias warmoadgens burRviT-nateni ximinjebi (D=80sm), romlebic dakavSirebulia randkoWebis meSveobiT. Senobis karkasis mzid konstruqcias warmoadgens r.b. svetebi (50X50; 50x40; 40x40 sm); rigelebi (40X55 sm) da r.b. monoliTuri fila (h=18sm). kibeebi - r.b. monoliTuri. saxuravi _ brtyeli. mSeneblobis bolos igegmeba teritoriis keTlmowyoba.

5. saqarTvelo teritoriis seismuri daraionebis sqemis mixedviT, mSeneblobisTvis gamoyofili teritoria mdebareobs 8 balian seismur zonaSi.

III. miTiTebebi samSeneblo moednis organizaciisa da samuSaoTa warmoebis ganxorcielebis Sesaxeb.

1. warmodgenili topografiuli gegmiT mSeneblobisTvis gamoyofili teritoria xasiaTdeba Tanabari reliefiT.

2. gamoyenebul iqnas arsebuli infrastruqtura.

3. ZiriTadi misasvleli gaTvaliswinebul iqnas CrdiloeTis mxridan. s/s samuSaoebisaTvis gaTvaliswinebulia stacionaruli koSkura amwe KB–474, ganTavsebis adgili ixileT furceli mo-5 da aseve mobiluri amwe saavtomobilo svlaze, romlis dgomis pozicia dadgindes adgilze samuSaoebis periodSi. amwis teqnikuri maxasiaTeblebi ixileT furceli mo-5.

4. teritoria SemoRobilia. Sesasvleli gaTvaliswinebulia CxeiZis da uznaZis quCis mxridan, ix. gengegma furceli mo-5. damuSavebulia qvabuli. mSeneblobа ganxorcieldeba etapobrivad, kerZod:

I _ etapze moxdeba nulovani ciklis samuSaobis warmoeba;

II _ etapze moxdeba I-II-III-IV blokis rk.betonis mzidi karkasis dasruleba da moewyoba Senobis saxuravi;

III _ etapze ki damxmare nagebobebis (#2 da #9) rk.betonis mzidi karkasis dasruleba da moewyoba Senobis saxuravi;

5. Senobis mSeneblobis dasrulebis Semdgomi periodi daeTmoba samuSaobis dasrulebas, kerZod: gare da Sida kedlebis Sevseba, sainJinro qselebis, mopirkeTebis da fasadis samuSaobs.

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q. TbilisSi, d.uznaZis q. #58 da u. CxeiZis q. #17-Si mdebare saavadmyofo

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at 17 Ushangi Chkheidze Str./
58 Dimitri Uznadze Str., Tbilisi

Tanamdeboba Position	gvari Name	xelmowera Signature
direqtori **Director:**	b. mirianaSvili **B. Mirianashvili**	
arq. gany. ufr. **Arch. Dpt. Head**	v. cuxiSvili **V. Tsukhishvili**	
avtori **Design Author**	n. gvasalia **N. Gvasalia**	
	T. mosiaSvili **T. Mosiashvili**	
	g. avaliSvili **G. Avalishvili**	
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dasaxeleba Design Description	masStabi Scale
ganmartebiTi nawili	-

stadia Design Stage	furceli *Dwg No.*	sul furc. *Of*
mp / DD	mo-1	6

6. mSeneblobis bolo periodSi moxdeba (2) sameurneo samsaxuris da (9) samedicino airebis da avtoklavis sadguris Senobis mSeneloba.

7. ZiriTadi samuSaoebis dasrulebis Semdgom SenobaSi ganTavsdeba teqnologiuri mowyobilobebi.

8. mSeneblobis bolo etapze ki moxdeba teritoriis keTilmowyoba.

9. samSeneblo moednis momarageba saWiro simZlavris eleqtro-energiiT ganxorcieldeba saproeqto qselebidan, mas Semdeg rac Telasis mier moxdeba Sesabamisi nebarTvis gacema.

10. warmodgenili mSeneblobis organizaciis proeqtiT da mSeneblobis kalendaluri gegmiT, gaTvaliswinebulia samSeneblo-samontaJo samuSaoTa warmoeba uwyveti riTmiT nakaduri meTodebis gamoyenebiT. romelic gulisxmobs momuSaveTa gadaadgilebas Senobis calkeul nawilebze maTze dakisrebuli samuSaoebis Sesasruleblad. cxadia samuSaoTa warmoebis dros aucilebelia samuSaoTa Soris teqnologiuri intervalebis dacva.

11.yvelaze sapasuxismgeblo da Sromatevad samuSaod gvevlineba betonis Cawyoba qargilebSi. betonisa da xsnaris miwodeba ekologiuri mosazrebiT, miRebulia sawarmoo bazebidan, raTa selituburi zonebisa da mimdebare ganaSenianebis damtverianeba ar moxdes.

12. samuSaoTa warmarTva aucilebelia instrumentaluri kontolis qveS, romelic xorcieldeba sn da w 3.02.07-87 “geodeziuri samuSaoebi mSeneblobaSi” moTxovnaTa gaTvaliswinebiT. wiTel xazebSi moqceuli teritoriebi da nakveTebi unda dadasturdes q. Tbilisis mTavari arqiteqtoris samsaxuris mier Senobis RerZuli dakvalvasTan erTad dadgenili wesiTa da Sesabamisi aqtis gaformebiT.

13.samSeneblo waarmoebis uwyvetobisa da teqnologiurobis uzrunvelsayofad aucilebelia mSeneblobis warmarTva cxrilSi CamoTvlili manqana-meqanizmebiT, insrtrumentebiTa da danadgarebiT.

14. mSeneblobis calkeul etapze mSeneblobis warmoebis sakiTxebi ufro detalurad ganxilulia momdevno gverdebze.

15. mSeneloba aucilebelia warimarTos damtkicebuli proeqtis sruli SesabamisobiT. mSeneblobis procesSi obieqturi mizezebiT naxazebSi cvlilebebis SemTxvevaSi gadawyvetilebebi unda SeTanxmdes avtorebTan maTgan oficialuri nebarTvis gacemiTa da axali naxazebis gamoSvebiT.

16. mSeneloba xorcieldeba saavtoro da teqnikuri zedamxedve-lobis qveS. daxuruli samuSaoebis miReba aucilebelia. avtorebis kontrolis qveS dadgenili wesiT.

* * *

IV.mSeneblobis warmoebis wesebi da meTodebi

1. mSeneblobis organizacia da samSeneblo-samontaJo samuSaoTa warmarTva unda moxdes moqmedi samSeneblo normebisa da normativebis safuZvelze. 1987 wels mSeneblobis saministrom qarTul enaze gamosca “krebuli samaxsovro” samSeneblo warmoebis normebi da wesebi-amonakrebi moqmedi normatiuli dokumentidan. maTi nawili (tiraJidan SemorCenili) inaxeba saministros Sps “mSenaRdgenaSi” da dResac inarCunebs aqtualurobas.

2. moednis moSandakebisa da saZirkvlis qveS qvabulis amoRebis samuSaoebi unda warimarTos meqanizirebuli wesiT Tanaxmad sn da w3.02.01-83.

3. yvelaze Sromatevad da sapasuxismgblo samuSaod gvevlineba daarmaturebisa da dabetonebis procesi romelTa Sesrulebac warmoebs sn da w111-15-76 moTxovnilebis dacviT.

4. fuZe-saZirkvelebis mowyobisas xelmZRvanelobeni sn da w3.02.01-83 normebiT.

5. qvemoT ki moyvanilia moqmedi normebi da wesebi romlebiTac unda ixelmZRvanelos samSeneblo firmam samSeneblo-samontaJo warmoebis dros:

_ sn da w111-17-78 “qvis konstruqciebi”
_ sn da w111-18-79 “liTonis konstruqciebi”
_ sn da w111-19-81 “xis konstruqciebi”
_ sn da w111-20-74 “burulebi, hidroizolacia, orTqlizolacia da Tboizolacia”
_ sn da w111-21-79 “samSeneblo konstruqciebis mosapirkeTebeli samuSaobi”
_ sn da w111-3-14-78 “iatkebi”
_ sn da w3.04.03-85 “koroziisgan dacva”
_ sn da w111-28-79 “Senobebisa da nagebobebis sanitaruli mowyoba”
_ sn da w111-29-79 “gaziT momarageba, Sida mowyobilobebi, gare qselebi da nagebobebi”
_ sn da w111-30-79 “wyalmomarageba, kanalizacia da Tbomomarageba, gare qselebi da nagebobebi”
_ sn da w111-33-79 “eleqtrosamonaJo samuSaobi”
_ sn da w111-10-78 “teritoriis keTilmowyoba”
_ sn da w111-4-80 “usafrTxoebis teqnika”
_ saxanZro usafrTxoebis wesebi samSeneblo-samontaJo samuSaoTa warmoebisas.
_ sn da w1.06.05-85 “mSeneblobis saproeqto organizeciebis mier saavtoro zedamxedveloba”
_ instruqcia “mSeneblobiT damTavrebuli obieqtebis eqspluataciaSi miReba”

* * *

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dasaxeleba **Design Description**	masStabi **Scale**
ganmartebiTi nawili	-

stadia Design Stage	furceli *Dwg No.*	sul furc. *Of*
mp / DD	mo-2	6

5. samuSaoTa warmoebis wesebi da meTodebi;

samSeneblo samuSaoebis dawyebamde: mSenebare organizaciam Seadginos samuSaoTa warmoebis proeqti.

miwis samuSaoebi:

gruntis damuSaveba moxdes ukuCamCiani eqskavatoriT - 0.5m³da xeliT. qvabulis samuSaoebis dawyebamde moewyos sadrenaJe qseli. qvabulis damuSaveba moxdes xelovnuri saZirkvlis Ziris niSnulamde. zedmeti damuSavebuli grunti mTlian moculobaSi unda iqnas datvirTuli da gatanili avtomanqanebiT. gruntis nawili unda iqnas datovebuli moedanze. Ggruntis ukuCayra moxdes buldozeriT da xeliT.

samontaJo samuSaoebi:

samSeneblo moedanze samuSaoTa warmoeba ganaSenianebidan unda warimarTos farTe samuSao frontis gaTvaliswinebiT. mSeneblobis xasiaTidan gamomdinare Tavidan SeiZleba iqnes gamoyenebuli mobiluri amwe saavtomobilo svlaze, xolo Semdeg ki gaTvaliswinebulia stacionaruli koSkura amwe. betonis miwodeba moxdeba betonis tumbos saSualebiT. masalebis miwodebisaTvis gaTvaliswinebulia anZuri sawevela, tvirTamweobiT 500kg, romlis ganTavsebis adgili dazustdes adgilze.

instrumentaluri kontroli:

geodezuri kontrolis dros mowmdeba Senobis elementebis da calkeuli konstruqciebis Sesabamisoba proeqtTan maTi mowyobis procesSi. Tavdapirvelad amagreben dakvalvis gare qsels samSeneblo moedanze naxazze miRebuli RerZebis gadataniT naturaSi. sanivelziro da dgomiTi dakvalvis wertilebi unda iyos gaerTianebuli. samuSaos dawyebamde meore piris mier mowmdeba qselis wertilebisa da geodezuri orientirebis saimedoba. geodezuri Semowmebis Sedegebi Seitaneba samuSaoTa warmoebis saerTo JurnalSi Sedgenil sqemebTan da naxazebTan.

betonisa da rkinabetonis samuSaoebi:

monoliTuri rkinabetonis samuSaoebisas: gamoyenebuli yalibi unda Seesabamebodes yalibs, romelic SemuSavdeba samuSaoTa wamoebis proeqtSi, konstruqciuli nawilis Sesabamisad; yvelaze sapasuxismgeblo da Sromatevad samuSaod gvevlineba betonis Cawyoba qargilebSi, rac sasurvelia ganxorcieldes betondamWixni danadgarebis gamoyenebiT. yalibis dayeneba simaRlis mixedviT unda moxdes maSin, rodesac qveda doneze ar unda iyos zedmeti muSebi, masalebi da a.S. yalibis moxsna unda xdebodes samuSaoTa mwarmoeblis daswrebiT; armaturis momzadeba unda xdebodes specialur adgilebSi; betonis Cawyobisas narevi unda miewodos patara simaRlidan. monoliTuri r/betonis svetebis, Semkravi koWebis, gadaxurvis filebis mowyoba unda ganxorcieldes saproeqto muSa naxazebis da momqmedi samSeneblo normebisa da wesebis dacviT. SenobaSi kibis ujredis mosawyobad gansakuTrebuli yuradReba unda mieqces sufTa iatakisa da kibis moednebis niSnulebis Tanafardobas. zedapiris niSnuli sarTulis zeda niSnulidan 1,5-2 sm-iT dabla unda iyos. betonisa da rkinabetonis samuSaoebis ganxorcieleba moxdes СниП Ш-4-80gv. 44-47. 11.1-11.25 Tanaxmad (Москвва 1981). calkeul samuSaoebze maTi Sesrulebis meTodebisa da wesebis Sesaxeb, agreTve Sromis usafrTxoebis wesebis Taobaze dokumentebi qarTul enaze Tavmoyrilia mSeneblobis saministros mier 1986 wels gamocemul-samaxsovroSi "samSeneblo warmoebis wesebi da normebi".

VI. samSeneblo manqana-meqanizmebis, danadgarebis da instrumentebis CamonaTvali

#	dasaxeleba	marka	r-ba
1	stacionaruli koSkura amwe	ÁÊ-474	1
2	mobiluri amwe saavtomobilo svlaze	KC-35714K	1
3	erTCamCiani eqskavatori 0.5m³CamCiT	eo-5015	1
4	samSeneblo sawevela tvirTamweobiT 500kg	-	4
5	TviTmcleli	sxvadasxva	7
6	siRrmiTi vibratori	s-3698	2
7	zedapiruli vibratori	s-697	2
8	avtobetondamrevi miqseriT	mb-5	5
9	gadasatani kompresori	so-45	2
10	SesaduRebeli agregati	so48	1
11	cementis fenis mosasworebeli agregati	so-89	2
12	Sesales-mosaswo rebeli agregati	so-54	1
13	elSeduRebis agregati	komp.	2
14	avtogenis SesaduRebeli agregati	komp.	1
15	samRebro sadguri	kps-2	1
16	liTpnis xaraCo inventari	komp.	2
17	konusuri tipis inventaruli nagavsatari	komp.	5
18	pnevmaturi iaraRi (saburRi, xraxni da sxva)	komp.	8
19	sxvadasxva daniSnulebis xelis iaraRi (bari, lomi da a.S.)	komp.	8

miTiTeba: rekomendirebuli manqana-danadgarebi da instrumentebi SesaZlebelia Seicvalos analogiuriT an ufro Tanamedroveti.

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Sps. "axali saqmianmSenproeqti"
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Project

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arq. gany. ufr. Arch. Dpt. Head	v. cuxiSvili V. Tsukhishvili	
avtori Design Author	n. gvasalia N. Gvasalia	
	T. mosiaSvili T. Mosiashvili	
	g. avaliSvili G. Avalishvili	
avtori Design by	T. zarqua T. Zarkua	

dasaxeleba Design Description	masStabi Scale
ganmartebiTi nawili	-

stadia Design Stage	furceli Dwg No.	sul furc. Of
mp / DD	mo-3	6

VII. mSeneblobis xangrZlivobis dadgena

mSeneblobis xangrZlivobis dadgena warmoebs sn da w 1.04.03-85 “mSeneblobis xangrZlivobis normebi”-iT, ganyofileba sacxovrebeli saxlebi.
proeqtiT gaTvaliswinebulia mravalfunqciuri saavadmyofos Senobis da damxmare nagebobebis mSenebloba. axali Senoba Sedgeba oTxi blokisagan. damxmare nagebobebi erTsarTuliania. Senobis konstruqcia karkasuli varianti, monoliTuri rk.betonis. mSenebloba ganxorcieldeba etapobrivad, mimdevrobiT.
6. mSeneblobis kalendaruli gegmiT gaTvaliswinebuli finansuri uzrunvelyofisa da SesaZleblobebis safuZvelze unda moxdes samuSaoTa Tanmimdevrobis gansazRvra.
6.1. sawyis periodSi moxdeba teritoriis momzadeba, dakvalva. /1 Tve/;
6.2. I etapzemoxdeba fuZis mowyoba, nulovani ciklis dasruleba, gadaxurvis mowyoba /2-7 Tve/;
6.3. II etapzemoxdeba #1 Senobis blokebis rk.betonis mzidi karkasis dasruleba da moewyoba Senobis saxuravi /8-25 Tve/;
6.4. III etapzemoxdeba #2 da #9 erTsarTuliani Senobis rk.betonis mzidi karkasis dasruleba da moewyoba Senobis saxuravi /22-27 Tve/;
6.5. danarCenili periodi daeTmoba samuSaoebis dasrulebas. me-13 Tvidan SesaZlebelia sxva samuSaoTa warmoebac: kedlebisa da tixrebis amoSeneba sarTulebze axali gegmarebis mixedviT, sabaTqaSo samuSaoebi, iatakebis mowyoba, santeqnikuri, elteqnikuri da samRebro samuSaoebi, fasadis samuSaoebi da sxva.
6.6 masala-nakeTobebis specifikacia ix. proeqtis Sesabamisi nawilebi.
6.7. mSeneblobis bolo periodSi damontaJdes liftebi da damTavrdes mSeneblobasamSeneblo nagavis gamotaniT, teritoriis keTilmowyobiTa da Senobis CabarebiT arqmSeninspeqciis samsaxurze dadgenili wesiT.
6.8. aRniSnuli Sesasrulebeli samuSaoebis gaTvaliswinebiT da misi uwyveti finansuri uzrunvelyofiT rekomendirebulia ganisazRvros 36 TviT. mSeneblobis kalendaruli grafiki ixileT furceli mo-6.
damkveTs survilis dakmayofileba SeiZleba mSeneblobis warmoebiT nakaduri meTodebiT uwyveti finansirebis pirobebSi, rasac aseve xeli unda Seuwyos zomierma klimaturma pirobebma.

VIII. mSeneblobis warmoebisas usafrTxoebis wesebis dacvis Sesaxeb

samSeneblo moedanze samuSaoTa warmoeba yvela etapze usafrTxoebis dacviT moxdes СНиП Ш-4-80* Sesabamisad. maTgan yuradReba maxvildeba Semdegze:
1. momuSave personals Cautardes instruqtaJi usafrTxoebis wesebis dacvaze, gakeTdes Sesabamisi Canawerebi da xelmowerebi specialur JurnalSi. samSeneblo kompaniam uzrunvelyos usafrTxoebis samsaxuris funqcionireba, personalis dacva usafrTxoebis saSualebebiT (damcavi qudebiT, usafrTxoebis RvedebiT, xelTaTmanebiT, spectansacmeliT da sxva).
2. samuSao adgilebi muSaobis pirobebisa da teqnologiis gaTvaliswinebiT uzrunvelyofili unda iyos kompleqturi dacvisa da signalizaciis saSualebiT.
3. advilad aalebadi samRebro, saizolacio da sxva masalebis agreTve momwamlavi nivTierebebis dRiuri raodenoba samSeneblo samuSaoTa warmoebis zonaSi ar unda aRematebodes imave dRiur moTxovnilebebs.
4. zedmeti gruntis datvirTva avtoTviTmclelebze unda warmoebdes gverdidan an ukana mxridan.
5. hidroizolacio samuSaoTa Sesrulebisas, parketze laqis wasmisas da zogierT sxva samuSaoebze muSebi unda iyebednen spectansacmels, respiratorebsa da Tavsaburavebs.
6. sayalibo qargilebi dayenebis Semgedeg mowmdeba saimedobaze maTSi betonis betonis Casxmamde. aseve mowmdeba badiis saimedoobac da wesrigianobac samagrebis TviTgaxsana rom ar moxdes.
7. masalebisa da nakeTobebis dasawyobeba unda moxdes maTze teqnologiuri moTxovnilebebis pirobaTa gaTvaliswinebiT; amave dros isini unda daewyos mosworebul adgilze, rom maTi mocurebac ar moxdes.
8. eleqtro usafrTxoebis wesebi Camoyalibebulia saq.standartSi 12,10,13-88 eleqtrokarada yovelTvis unda iyos Caketil mdgomareobaSi, eleqtrokabelebi, eleqtrosadenebi da mowyobilobebi kizolirebuli. gaSiSvlebuli sadenebis gamoyeneba akrZalulia.
9. samSeneblo mowyobilobaTa CarTva (saweve lebi, parketisa da mozaikis sapria lebel-mosaxvewi danadgarebi, eleqtro SesaduRebeli aparatebi da sxva) Senobis eleqtroqselSi akrZalulia. eleqtro teqzedamxedvelobis samsaxurTan SeTanxmebiT nebadarTuli satransformatoro qvesadguridan unda moxdes samwveriani eleqtrokabelis Semoyvana daxurul karadaSi, mricxvelis dayeneba saidanac Zalovani da gasanaTebeli sadenebi gaimarTeba momxmareblisaken.
10. mobiluri saavtomobilo da muxluxa amweebis, betondamWirxnebis da sxv. meqanizmebis muSaobis periodSi ikrZaleba samSeneblo operaciebSi dausaqmebeli muSa-mosamsaxureebis da ucxo pirTa samSeneblo da gansakuTrebiT moqmed saxifaTo zonaSi yofna.

* * * *

IX. ekologia da bunebis dacvis sakiTxebi

1. mSeneblobis periodSi aucilebelia ganxorcieldes specialuri RonisZiebebi mimdinare teritoriis damtverianebisagan Tavis asacieblad. am mizniT sarTulebidan samSeneblo nagvis Camoyra unda ganxorcieldes daxurul RarebSi da inventaruli tipis konusuri nagavsayrelebis meSveobiT. uzrunvelyofili unda iqnas nagvis Cayra uSualod TviTmcleli avtomanqanebis Zarebze.
2. sabaTqaSo da mosaxviTi samuSaoebis Sesrulebis periodSi fasadebs saWiroa Camoefaros farda raTa am SemTxvevaSi ar moxdes mtvris gabneva selitebur zonaSi.
3. dauSvebelia arsebul sakanalizacio WaSi beton da xsnar-milsadenebis Carecxva an maTi danagvianeba samSeneblo narCenebiT.
4. aseve arsebul sakanalizacio qselis pirobebSi mizanSewonilad ver CaiTvleba droebiT tualetebis mowyoba amosaxapormoebze. maTi droebiTi CarTva sasurvelia sakanalizacio koleqtorSi.
5. garemos dacvis samsaxuridan nebarTvis gareSe mSeneblobis zonaSi ikrZaleba mravalwliani xeebis an nargavebis moWra.
6. zemoT miTiTebuli debulebebidan gamomdinare mSeneblobaunda ganxorcieldes bunebisdacviTi da haeris gabinZurebis sawinaaRmdego RonisZiebebis dacviT moqmedi sakanonmdeblo aqtebis SesabamisobiT.

* * * *

formati Format	A-3	dakveTis # Order No.
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proeqtis saxelwodeba
Project

q. TbilisSi, d.uznaZis q. #58 da u. CxeiZis q. #17-Si mdebare saavadmyofo
General Hospital at 17 Ushangi Chkheidze Str./ 58 Dimitri Uznadze Str., Tbilisi

Tanamdeboba Position	gvari Name	xelmowera Signature
direqtori Director:	b. mirianaSvili **B. Mirianashvili**	
arq. gany. ufr. Arch. Dpt. Head	v. cuxiSvili **V. Tsukhishvili**	
avtori Design Author	n. gvasalia **N. Gvasalia**	
	T. mosiaSvili **T. Mosiashvili**	
	g. avaliSvili **G. Avalishvili**	
avtori Design by	T. zarqua **T. Zarkua**	

dasaxeleba Design Description	masStabi Scale
ganmartebiTi nawili	-

stadia Design Stage	furceli *Dwg No.*	sul furc. *Of*
mp / DD	mo-4	6

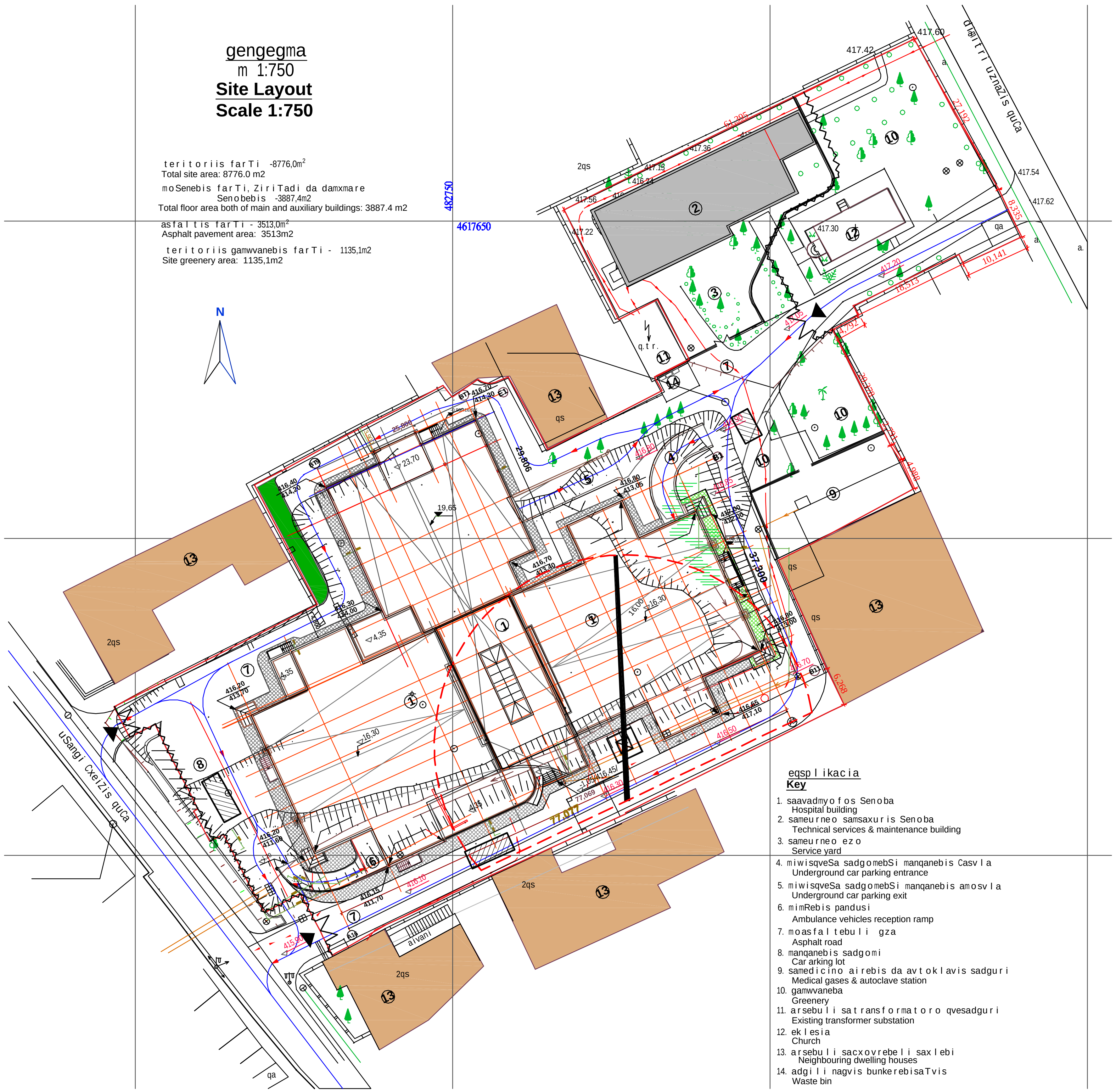
gengegma
m 1:750
Site Layout
Scale 1:750

teritoriis farTi -8776,0m²
Total site area: 8776.0 m2

moSenebis farTi, ZiriTadi da damxmare Senobebis -3887,4m2
Total floor area both of main and auxiliary buildings: 3887.4 m2

asfaltis farTi - 3513,0m²
Asphalt pavement area: 3513m2

teritoriis gamwvanebis farTi - 1135,1m2
Site greenery area: 1135,1m2



eqsplikacia
Key

1. saavadmyofos Senoba
   Hospital building
2. sameurneo samsaxuris Senoba
   Technical services & maintenance building
3. sameurneo ezo
   Service yard
4. miwisqveSa sadgomebSi manqanebis Casvla
   Underground car parking entrance
5. miwisqveSa sadgomebSi manqanebis amosvla
   Underground car parking exit
6. mimRebis pandusi
   Ambulance vehicles reception ramp
7. moasfaltebuli gza
   Asphalt road
8. manqanebis sadgomi
   Car arking lot
9. samedicino airebis da avtoklavis sadguri
   Medical gases & autoclave station
10. gamwvaneba
    Greenery
11. arsebuli satransformatoro qvesadguri
    Existing transformer substation
12. eklesia
    Church
13. arsebuli sacxovrebeli saxlebi
    Neighbouring dwelling houses
14. adgili nagvis bunkerebisaTvis
    Waste bin

amwis maxasiaTeblebi

koSkura amwe	_ _	КБ-474
Senobis simaRle	_ _	20.95 m
usafrTxo manZili	_ _	1.5 m
tvirTis simaRle	_ _	1.5 m
kakvis simaRle	_ _	1.5 m
amwis simaRle	_ _	26.0 m
amwis isris maqs. Svera	_ _	30.0 m

M-26 teqnikuri daxasiaTeba

1. awevis simaRle ------------------------- 25.6m
2. Svera -- 22m
3. Cawevis siRrme ------------------------- 16m
4. mobrunebis kuTxe -------------------- 360
5. manqanis zomebi ------- 2.50x3.85x6.20m

amwis teqnikuri maxasiaTeblebi

_ saavtomobilo amwe KC-35714K
_ maqs. tvirTamweoba _ 16 t
_ isris maqs. Svera _ 18 m
_ kakvis awevis simaRle _ 25 m

miTiTebani

1. dacul iqnas usafrTxoebis RonisZiebebi;
2. akrZalul iqnas ucxo pirebis moxvedra samSeneblo moedanze;
3. droebiTi nagebobebis ganTavseba dadgindes adgilze, mosamzadebel periodSi;
4. qvabuli miRebul iqnas geologis mier;
5. gaTvaliswinebul iqnas konstruqtoris miTiTebani;
6. droebiTi nagebobebis ganTavseba dazustdes adgilze;
7. mSenebloba ganxorcieldeba etapobrivad ix. gengegma furceli mo-5;
8. s/s samuSaoebisaTvis gaTvaliswinebulia koSkura amwe КБ-474, ix. gengegma furceli mo-6;
9. sawyis etapze nulovani ciklis samuSaoebze gamoyenebul iqnas mobiluri amwe saavtomobilo svlaze, amwis dgomis pozicia ganisazRvros adgilze;
10. masalebis miReba moxdeba quCis mxridan etapobrivad mSeneblobis etapebis gaTvaliswinebiT;
11. samSeneblo nagavi etapobrivad gatanil iqnas moednidan;

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pirobiTi aRniSvnebi:
Legend:

droebiTi Robe
arsebuli Robe
proJeqtori
Sesasvleli moedanze
Ria sawyobi

SeniSvna:
Note:
droebiTi nagebobebis ganTavseba dadgindes adgilze, mosamzadebel periodSi;

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arq. gany. ufr. **Arch. Dpt. Head**	v. cuxiSvili **V. Tsukhishvili**	
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	T. mosiaSvili **T. Mosiashvili**	
	g. avaliSvili **G. Avalishvili**	
avtori **Design by**	T. zarqua **T. Zarkua**	

dasaxeleba **Design Description**	masStabi **Scale**
#Drawing Name	1:750

stadia Design Stage	furceli *Dwg No.*	sul furc. *Of*
mp / DD	mo-5	6

მშენებლობის კალენდარული გრაფიკი (თვეები)

№	ძირითადი სამუშაოების ჩამონათვალი	ხელი	I ხელი												II ხელი											III ხელი											
		თვე	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
		დღე	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
1	ტერიტორიის დაკვალვა, მომზადება	25	1 25																																			
	I ეტაპი - ნულოვანი ციკლის სამუშაოები (№1)																																					
2	ფუძის მოწყობა	25		1 25																																		
3	ნულოვანი ციკლის დასრულება	100			4 100																																	
4	გადახურვის მოწყობა	25							1 25																													
	მშენებლობის II ეტაპი I--IV ბლოკი (№1)																																					
5	I–IV სართულის რკ.ბეტონის მზიდი კონსტრუქციების მოწყობა	350								14 350																												
6	V სართულის რკ.ბეტონის მზიდი კონსტრუქციების მოწყობა	50																						2 50														
7	სახურავის მოწყობა	50																								2 50												
	მშენებლობის III ეტაპი შენობა №2; №9;																																					
8	საძირკვლის ქვეშ გრუნტის ამოღება, ფუძის მოწყობა	50																						2 50														
9	I სართულის რკ.ბეტონის მზიდი კონსტრუქციების მოწყობა	50																								2 50												
10	სახურავის მოწყობა	50																									2 50											
-	სამუშაოების დასრულება	600													24 600																							

მითითება: სამშენებლო პერიოდის ათვლა დაიწყება მშენებლობის ნებართვის გაცემის დღიდან.

formati A-3
Format
Tbilisi 2014 w.
Tbilisi, 2014

dakveTis #
Order No.
306/13

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dasaxeleba **Design Description**	masStabi **Scale**
mSeneblobis kalendaruli grafiki	-

stadia Design Stage	furceli *Dwg No.*	sul furc. *Of*
mp / DD	mo-6	6