



**LEPL MUNICIPAL DEVELOPMENT
FUND OF GEORGIA**

Reconstruction/Rehabilitation of Village Agara Public School

(Kareli Municipality)

Environmental and Social Screening Report and

Environmental and Social Management Plan

**WORLD BANK FINANCED
INCLUSION, INNOVATION AND QUALITY PROJECT (GEORGIA I2Q PROJECT)**

Tbilisi, Georgia

September 2023

Sub-project Description

The Rehabilitation of village Agara Public School in Kareli Municipality is one of the sub-projects (SP) to be implemented under the Innovation, Inclusion and Quality Project (Georgia I2Q Project).

SP envisages rehabilitation of the building of Agara Public School located in daba Kareli, Kareli Municipality. Access to the SP site is possible through Tbilisi-Senaki-Leselidze Highway and the distance from Tbilisi is 87 km. The area of the territory is 10 901 m² (Cadastral Code 68.06.48.283). The nearest residential building to the school is approximately 27 m away.

In accordance with the revised latest scheme of seismic zoning of the territory of Georgia, the SP site falls in the 8-point seismic activity zone according to the MSK64 scale (Order of the Minister of Economic Development of Georgia No. 1-1/2284, October 7, 2009). A study of the structural integrity of the school building was carried out in October 2021. In August 2023, the design passed the expert examination by the accredited company *Expertiza LLC*.

At present, 720 students are attending the school in two shifts. Among them, 11 pupils are with special education needs. The school serves about 350-400 local households, whose children study there. All students will have proper access to the teaching process during construction works. In case renovation activities have to be undertaken in parallel with the teaching process, the staff of the school and the children will be temporarily moved to alternative buildings in the Sagolasheni and Dirbi villages, which are about 7-8 km away from the SP area. These buildings are selected according to the pre-estimated facility condition index. During relocation, Kareli municipality will provide the transportation of students in coordination with the Ministry of Education and Science (MES). Some 30-35 minibuses will be allocated for this purpose. Minibuses will be subject to a technical inspection and be maintained in standard operational conditions as per the national regulations of Georgia.

Electricity is supplied to the site without interruption, the internal network is outdated and faulty. The building is heated with boiler-based autonomous system. The school is connected to the public potable water network. The sewage system is arranged and connected municipal sewage collection system.

The SP foresees the implementation of the following works:

- Preparatory works (fencing of the construction site, installation of temporary structures such as WCs, changing rooms for the workers, guard booth, storages for materials, and household and hazardous waste storage sites).
- Dismantling of all existing doors and windows from both existing buildings. Removal of small internal partitions (not load bearing) and plastering layers down to brick and concrete block surfaces, etc.
- Installation of metal framing of openings for doors and windows, to ensure the strengthening of existing conditions. Also, installation of rebar meshing on load-bearing external walls, to ensure the strength of the existing building.
- Demolishing existing boiler building and constructing new one.
- Construction of a new stadium.
- Replacement of the external engineering networks.
- Installation of fire alarm and firefighting systems and video monitoring networks.
- Adaptation of the building for persons with disabilities.
- Replacement of the building's water supply, sanitary, heating and electrical networks.
- Upgrade of the territory around the school building.

There are trees and bushes in the schoolyard. According to the design of rehabilitation works, there is no need to cut trees. In the course of construction work, 1640 m³ of soil will be excavated, 240 m³ of which is topsoil. It will be temporarily stored on the construction site in accordance with the requirements stipulated by the technical regulations approved by Resolution N424 of the Government of Georgia on December 31, 2013, on the Removal, Storage, Use, and Reclamation of Topsoil, after construction works, topsoil will be fully used for

SP purposes, for school territory reclamation.

Environmental Screening and Classification of Subprojects

(A) IMPACT IDENTIFICATION

<p>Does the sub-project have tangible impact on the environment?</p>	<p>The SP will have a modest negative environmental impact.</p> <p>The main impact will be related to the construction phase, which includes works for the rehabilitation of the school building, demolition of the existing boiler building and construction of the new one, construction of a new stadium, rehabilitation of the external engineering networks and installation of the new ones, landscaping of the school territory, rehabilitation of the entryway and construction of the pathways.</p>
<p>What are the significant beneficial and adverse environmental effects of sub-project?</p>	<p>The expected negative environmental impact will have short-term character and will be typical for small-scale construction works in modified landscapes: noise, dust, vibration, and emissions from the operation of construction machinery; and generation of construction waste. The later impacts are related to the generation of waste from maintenance of the school which will be managed by the local municipality.</p> <p>The SP site is located in the area with a modified environment. Therefore, the impact will be transitory and insignificant (noise, emissions, construction waste, temporary disturbance of traffic and access, etc.).</p> <p>In the operation phase, proper management of generated solid waste should be ensured to reduce impact on the environment.</p>
<p>May the sub-project have any significant impact on the local communities and other affected people?</p>	<p>The SP is expected to have a long-term positive social impact, as the local residents will be able to have access to the modern school, which will be also adapted to people with disabilities.</p> <p>The ultimate goal of the SP is to improve the quality and conditions of education for children in village Agara itself, as well as in general, in the Municipality of Kareli. Reconstruction of the school will bring immediate benefits to its users through improved learning spaces, indoor and outdoor playgrounds, everyday learning activities, general infrastructure, and living conditions. Also, the new sports outdoor pitch can be used for the better teaching of sports subjects, as well as to host various sports events. The long-term social impact will be beneficial, as local children and teachers in school will be provided with improved educational and working conditions, and increased income of the population during the implementation (employment of workers), and after the construction.</p> <p>The SP will create temporary and some permanent job opportunities for the local population (both men and women), as they could be employed during rehabilitation and maintenance. The availability of modern schools in the community will allow more people (especially those having school-age children) to stay in town.</p> <p>The negative impact is short-term and limited to the construction site. It is related to the possible disturbance described above.</p> <p>In case renovation activities have to be undertaken in parallel with the teaching process, an option of temporarily moving the teaching process to Kareli municipality, village Sagholasheni and village Dirbi public schools.</p> <p>The SP envisages the adaption of the school building to make available servicing of</p>

	<p>people with disabilities.</p> <p>The SP doesn't envisage land take or resettlement, as well as economic displacement (for example, for formal or informal vendors).</p>
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(B) MITIGATION MEASURES

<p>Were there any alternatives to the sub-project design considered?</p>	<p>As the SP envisages rehabilitation of the existing school building, alternatives regarding the SP design were not considered.</p>
<p>What types of mitigation measures are proposed?</p>	<p>The expected negative impacts of the construction phase can be easily mitigated through proper management of construction activities. The contractor will be responsible for the waste disposal at the permitted location, use the quarry materials from the licensed quarries only or obtain materials only from licensed providers, and prevent water and soil from pollution (fuel spills due to equipment failure, concrete spills etc.), avoid disturbance of population (noise, dust, emissions) through proper work/supplies scheduling, traffic management, and good maintenance of the construction machinery.</p> <p>Revision of vehicles will be required to ensure that there is no leakage of fuel and lubricating materials, all machinery will be maintained and operated such that all leaks and spills of materials will be minimized, and the contractor will be required to organize and cover material storage areas. The material storage sites will be protected from washing out during heavy rainfalls and flooding through covering by impermeable materials; car maintenance points will not be located within 50 m of any watercourse.</p> <p>During SP implementation, warning signs will be used, and traffic will be managed around the work sites.</p> <p>Community health and safety will be an issue during the construction phase as residential buildings are located near the project site. The contractor will be responsible for taking specific measures to mitigate the impact on locals, including informing the affected population on the upcoming works and any temporary disruptions of municipal services, limiting working hours to daytime, limiting the speed of moving construction vehicles & machinery, minimizing noise & dust emissions, etc.</p> <p>In case renovation activities have to be undertaken in parallel with the teaching process, the staff of the school and the children will be temporarily moved to Kareli municipality, public schools in villages Sagholasheni and Dirbi. The Ministry of Education and Science (MES) and local municipality will ensure all temporary arrangements for teaching and transportation of students to the selected locations.</p> <p>No major hazards are expected during the renovation works, as long as proper construction practices and safety procedures are applied. School rehabilitation activities will be undertaken preferably during summer months (non-operation period for school) to minimize hindering the teaching process and to eliminate the risk of accidents involving children.</p> <p>There are grass covers and topsoil layers on the designing territory. Due to works, 240 m³ of topsoil will be appeared. The revealed topsoil will be fully re-used for the landscaping. Before commencing the soil works, cleaning of designing territory from grass-type plants, topsoil will be removed and temporarily stored.</p>

<p>What lessons from the previous similar projects have been incorporated into the sub-project design?</p>	<p>MDF has broad experience in the implementation of reconstruction/rehabilitation for medium and large-scale buildings (including public schools and kindergartens) roads and streets financed by various donor organizations. Based on lessons learned from previous similar projects, the design envisages not only the rehabilitation of the school but also the improvement of heating, ventilation and fire control system, hot water supply, lighting systems and reference energy saving potential, implementation of energy efficiency improvement measures.</p> <p>The infrastructure of the school will be adapted for the receiving and servicing of people with disabilities.</p>
<p>Have concerned communities been involved and have their interests and knowledge been adequately taken into consideration in sub-project preparation?</p>	<p>The SP has been developed by the MES, together with the local resource center, as a response to the current situation.</p> <p>ESMP drafted for the SP will be made available for the beneficiaries and other interested parties and will be discussed in a consultation meeting.</p> <p>Information about the public consultation meeting will be announced both on the official websites of the MDF and MES, as well as on the information boards of the school and the local municipality building.</p> <p>The public discussion will be organized by MDF and MES. The public discussion will be attended by all the interested parties, including parents of the school students. Information about the exact time and place of the public consultation meeting will be announced at least 10 days before.</p>

(C) CATEGORIZATION AND CONCLUSION

1. Subproject is declined
2. Subproject is accepted

Subproject preparation requires:

1. Completion of the Environmental and Social Management Checklist for Small Construction and Rehabilitation Activities
2. Environmental and Social Review, including development of Environmental and Social Management Plan

Social and Cultural Resource Screening of SP

Social safeguards screening information		Yes	No
1	Is the information related to the affiliation, ownership and land use status of the sub-project site available and verifiable? (The screening cannot be completed until this is available)	X	
2	Will the sub-project reduce people's access to their economic resources, such as land, pasture, water, public services, sites of common public use or other resources that they depend on?		X
3	Will the sub-project result in resettlement of individuals or families or require the acquisition of land (public or private, temporarily or permanently) for its development?		X
4	Will the project result in the temporary or permanent loss of crops, fruit trees and household infra-structure (such as ancillary facilities, fence, canal, granaries, outside toilets and kitchens, etc.)?		X
<p>If answer to any above question (except question 1) is "Yes", then OP/BP 4.12 Involuntary Resettlement is applicable and mitigation measures should follow this OP/BP 4.12 and the resettlement Policy Framework</p>			
Cultural resources safeguard screening information		Yes	No
5	Will the project require excavation near any historical, archaeological or cultural heritage site?		X
<p>If answer to question 5 is "Yes", then OP/BP 4.11 Physical Cultural Resources is applicable and possible chance finds must be handled in accordance with OP/BP and relevant procedures provided in the Environmental and Social Management Framework.</p>			

Environmental and Social Management Plan

PART A: GENERAL PROJECT AND SITE INFORMATION

INSTITUTIONAL & ADMINISTRATIVE	
Country	Georgia
Project title	INNOVATION, INCLUSION AND QUALITY PROJECT (GEORGIA I2Q PROJECT)
Sub-Project title	Reconstruction/Rehabilitation of Village Agara Public School
Scope of site-specific activity	<p>The Rehabilitation of Agara Public School in Kareli Municipality is one of the sub-projects (SP) to be implemented under the Innovation, Inclusion and Quality Project (Georgia I2Q Project).</p> <p>SP envisages rehabilitation of the building of village Agara Public School, located in daba Kareli, Kareli Municipality. Access to the SP site is possible through Tbilisi-Senaki-Leselidze Highway and the distance from Tbilisi is 87 km. The area of the territory is 10901 m² (Cadastral Code 68.06.48.283). The nearest residential building to the school is approximately 27 m away.</p> <p>In accordance with the revised latest scheme of seismic zoning of the territory of Georgia, the SP site falls in the 8-point seismic activity zone according to the MSK64 scale (Order of the Minister of Economic Development of Georgia No. 1-1/2284, October 7, 2009). A study of the structural integrity of the school building was carried out in October 2021. In August 2023, the design passed the expert examination by the accredited company <i>Expertiza LLC</i>.</p> <p>At present, 720 students are attending the school in two shifts. Among them, 11 pupils are with special education needs. The school serves about 350-400 local households, whose children study there. All students will have proper access to the teaching process during construction works. In case renovation activities have to be undertaken in parallel with the teaching process, the staff of the school and the children will be temporarily moved to alternative buildings in the Sagolasheni and Dirbi villages, which are about 7-8 km away from the SP area. These buildings are selected according to the pre-estimated facility condition index. During relocation, Kareli municipality will provide the transportation of students in coordination with the Ministry of Education and Science (MES). Some 30-35 minibuses will be allocated for this purpose. Minibuses will be subject to a technical inspection and be maintained in standard operational conditions as per the national regulations of Georgia.</p> <p>Electricity is supplied to the site without interruption, the internal network is outdated and faulty. Also, old and damaged is the central distribution shield and submachine guns. The building is heated by a gas boiler. The school is connected to the public potable water network. The sewage system is arranged and connected municipal sewage collection system.</p> <p>The SP foresees the implementation of the following works:</p> <ul style="list-style-type: none"> • Preparatory works (fencing of the construction site, installation of temporary structures such as WCs, changing rooms for the workers, guard booth, storages for materials, and household and hazardous waste disposal sites).

	<ul style="list-style-type: none"> • Dismantling of all existing doors and windows from both existing buildings. Removal of small internal partitions (not load bearing) and plastering layers down to brick and concrete block surfaces, etc. • Installation of metal framing of openings for doors and windows, to ensure the strengthening of existing conditions. Also, installation of rebar meshing on load-bearing external walls, to ensure the strength of the existing building. • Demolishing existing boiler building and constructing new one. • Construction of new stadium. • Replacement of the external engineering networks. • Installation of fire alarm and firefighting systems and video monitoring networks. • Adaptation of the building for persons with disabilities. • Replacement of the building's water supply, sanitary, heating and electrical networks. • Upgrade of the territory around the school building. <p>There are trees and bushes in the schoolyard. According to the design of rehabilitation works, there is no need to cut trees. In the course of construction work, 1640 m³ of soil will be excavated, 240 m³ of which is topsoil. It will be temporarily stored on the construction site in accordance with the requirements stipulated by the technical regulations approved by Resolution N424 of the Government of Georgia on December 31, 2013, on the Removal, Storage, Use, and Reclamation of Topsoil, after construction works, topsoil will be fully used for SP purposes, for school territory reclamation.</p>		
Institutional arrangements (WB)	Task Team Leader Shiro Nakata	Safeguards Specialists: Darejan Kapanadze - <i>Environment</i> Davit Jijelava - <i>Social</i>	
Implementation arrangements (Borrower)	Implementing entity: Municipal Development Fund of Georgia	Works supervisor: Company Eptisa Servicios de Ingenieria S.L. Spain	Works contractor: TBD
SITE DESCRIPTION			
Name of institution whose premises are to be rehabilitated	Village Agara Public School		
Address and site location of institution whose premises are to be rehabilitated	Kareli district, Agara township Tel: 577318314 Email: qarAgara@mes.gov.ge		
Who owns the land? Who uses the land (formal/informal)?	The land plot is under the State ownership		
Description of physical and natural environment, and of the socio-economic context around the site	<p>The SP site is located in Kareli municipality in Georgia, in Shida Kartli Region. The municipality borders Gori municipality from the East, Khashuri municipality from the West, Borjomi Municipality from the North-West and Javi municipality from the North. Total area of the municipality - 687.9 km².</p> <p>The municipality is predominantly populated by Georgians. The municipality includes 1 town, 1 townlet and 73 villages. Access to the municipality is possible</p>		

	<p>through Tbilisi-Senaki-Leselidze Highway.</p> <p>Geomorphologically, the study area is part of the left terrace of the Mtkvari River, the terrain of which is almost horizontal, slightly sloping towards the riverbed.</p> <p>No adverse physical geological processes (landslides, karst, collapses, etc.) are observed at and around the study site.</p> <p>Hydrogeological network of the municipality is represented with the following rivers: Mtkvari, Dzama, Suramula and Prone. The nearest river from the SP site is Suramula in about 500 m distance.</p> <p>According to PN 01.05-08 ("Construction Climatology"), the main climatic characteristics of the study area are as follows:</p> <ul style="list-style-type: none"> • Average temperature of the year- +10.7⁰ C; • Absolute minimum temperature- -26.0⁰ C; • Absolute maximum temperature - +39.0⁰ C; • Precipitation per year - 630 mm; • Maximum wind speed once in 20 years - 26.0 m/s; • Normative value of wind pressure is 0.30 kPa once in 5 years; Once in 30 years - 0.38 kPa; • Wind prevailing direction - North; • Snow cover pressure - 0.50 kPa; • Number of days of snow cover - 41; • Normal depth of seasonal freezing of soils - for gravelly soils - 0.31 meters. <p>Existence of Archeological heritage near the designing territory is not revealed. According to the data of 2014 census the population of the municipality is 41 316 people. There are 35 state public schools and 1 private school-gymnasium, a secondary vocational school in Kareli. Private houses and multistory buildings surround the school.</p> <p>The SP doesn't involve land acquisition or physical relocation, nor does it result in economic displacement (e.g., for formal or informal vendors). In case renovation activities have to be undertaken in parallel with the teaching process, the staff of the school and the children will be temporarily moved to Kareli Municipality, public schools in villages Sagholasheni and Dirbi. The Ministry of Education and Science (MES) will ensure all temporary arrangements for teaching and transportation of students to alternative locations.</p>
<p>Locations and distance for material sourcing, especially aggregates, water, stones?</p>	<p>Water will be available at the construction site from the municipal water supply system.</p> <p>Distance to the nearest licensed borrow pit is approximately in 2-3 km radius near Bebnisi village, on the river Mtkvari.</p> <p>The nearest legal landfill for non-hazardous waste is approximately 33 km away located in village Tagveti, in Khashuri Municipality. The landfill also receives construction waste.</p>
LEGISLATION	
<p>National & local legislation & permits that apply to project activity</p>	<p>I2Q Project is implemented in accordance with the World Bank's safeguard policy OP/BP 4.01 - Environmental Assessment. Based on this Policy, present SP is classified as environmental category "B" and the present ESMP is developed for rehabilitation works according to the principles of OP/BP 4.01 and Environmental and Social Management Framework (ESMF) of I2Q Project.</p>

	<p>Under the Georgian legislation, school rehabilitation does not require assessment of an environmental impact and issuance of an Environmental Decision. However, with the national regulation system:</p> <p>(i) Construction materials must be obtained from licensed providers.</p> <p>(ii) If the Contractor wants to open a quarry, an appropriate license must be obtained from the National Agency of Minerals Resources under the Ministry of Economy and Sustainable Development.</p> <p>(iii) If over 200 tons of non-hazardous waste or over 1000 tons of inert materials or over 120 kg of hazardous waste is generated annually due to the contractor's activities. The contractor shall prepare and obtain approval of the Ministry of Environmental Protection and Agriculture (MoEPA) on the Waste Management Plan, prepare the report on waste inventory, and appoint an environmental manager, whose identity information should be submitted to the MoEPA following the requirements of the Waste Management Code.</p> <p>(iv) Construction waste should be disposed at the official landfill based on the agreement with the Solid Waste Management Company or placed at the pre-selected site officially agreed with local self-government.</p> <p>(v) The topsoil shall be removed and stored in accordance with the requirements stipulated in the Resolution N424 of the Government of Georgia of December 31, 2013, on the Removal, Storage, Use, and Reclamation of Topsoil.</p>
GRIEVANCE REDRESS MECHANISM	
<p>A grievance redress mechanism (GRM) will be available to allow project-affected people (PAP) appealing any action or decision on which they disagree.</p> <p>PAP will be informed about the available GRM during public consultations and through distributing of brochures prior to commencement of works. In addition, an announcement with relevant information will be displayed on the information boards in the lobbies of buildings of local municipality. APs will be fully informed of their rights and of the procedures for addressing complaints either verbally or in writing during pre-contracting, construction and operation periods. Care will always be taken to prevent grievances rather than going through a redress process.</p> <p>Received grievances will be lodged to the Ministry of Education and Science of Georgia (MES) and to the MDF. As for grievance monitoring MES and MDF registers, all received compliances, comments, and how the compliance will be addressed. During public consultations, the local population will be informed about the grievance redress process and received information about contact persons.</p> <p>The contact person from the MES is Marine Zhvania (Tel: +995 577 27 88 41, marina.zhvania@iiq.gov.ge, 0102 Tbilisi, Dimitri Uznadze N 52);</p> <p>The contact person from the MDF is David Arsenashvili (Tel: +995 599 019 183), feedback@mdf.org.ge, 150 Davit Aghmashenebeli ave., 4th floor, 0112 Tbilisi, Georgia</p>	
PUBLIC CONSULTATION	
Identify when / where the public consultation process will take place	Information about the public consultation meeting will be announced both on the official websites of the MDF and MES, as well as on the information boards of the school and local municipality building.

	<p>The public discussion will be organized by MDF and MES. The public discussion will be attended by all interested parties, including parents of the school students. Information about the exact time and place of the public consultation meeting will be announced at least 10 days in advance.</p> <p>In case a lockdown is introduced due to COVID or other infectious disease breakdown, conducting of a virtual consultation may be required and the details of that will be worked out in a due time.</p> <p>Records of the public consultation process will be attached to the present ESMP.</p>
ATTACHMENTS	
<p>Attachment 1: Ortho Photo Attachment 2: General Plan Attachment 3: Topo Plan Attachment 4: Cadastral Information Attachment 5: Cadastral Plan Attachment 6: Site photos Attachment 7: Design drawings (3D visualization etc.) Attachment 8: Minutes of public consultation on the draft ESMP (to be provided); Attachment 9: Agreements/licenses (to be provided)</p>	

PART B: SAFEGUARDS INFORMATION

ENVIRONMENTAL /SOCIAL SCREENING			
Will the site activity include/involve any of the following?	Activity/Issue	Status	Triggered Actions
	1. Rehabilitation	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, see Section A below
	2. New construction	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, see Section A below
	3. Individual wastewater treatment system	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, see Section B below
	4. Historic building(s) and districts	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, see Section C below
	5. Acquisition of land ¹	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, see Section D below
	6. Impacts on land and property use	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, see Section E below
	7. Hazardous or toxic materials ²	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, see Section F below
	8. Impacts on forests and/or protected areas	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, see Section G below
	9. Handling / management of medical waste	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, see Section H below
	10. Traffic and pedestrian safety	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, see Section I below
	11. Community and labor health and safety	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, see Section J below

¹ Land acquisitions includes displacement of people, change of livelihood encroachment on private property this is to land that is purchased/transferred and affects people who are living and/or squatters and/or operate a business (kiosks) on land that is being acquired.

² Toxic / hazardous material includes but is not limited to asbestos, lead-containing and other toxic paints, noxious solvents, etc.

PART C: MITIGATION MEASURES

ACTIVITY	PARAMETER	MITIGATION MEASURES CHECKLIST
O. General Conditions	Notification and Worker Safety	<ul style="list-style-type: none"> (a) Obtain all legally required permits for construction, extraction, natural construction materials, disposal of waste, and others as relevant. (b) Ensure the supply of personal protective equipment to stall and personnel following good international practice (always hardhats, as needed masks and safety glasses, harnesses, and safety boots), and control its use. (c) Signpost worksites to inform workers of key rules and regulations to follow. (d) Put up information on the company undertaking works at each worksite and provide contact information. (e) Workers' PPE will comply with international good practice (always hardhats, as needed masks and safety glasses, harnesses and safety boots)
A. General Rehabilitation and /or Construction Activities	Air Quality	<ul style="list-style-type: none"> (a) Keep demolition debris in a controlled area and spray with water to reduce debris dust. (b) Suppress during pneumatic drilling/wall destruction by ongoing water spraying and/or installing dust screen enclosures at the site. (c) Keep the surrounding environment (sidewalks, roads) free of debris to minimize dust. (d) There will be no open burning of construction / waste material at the site. (e) There will be no excessive idling of construction vehicles at sites. (f) Truck loads should be confinement and protected with lining.
	Noise	<ul style="list-style-type: none"> (a) Limit construction noise to daytime working hours. (b) During operations, the engine covers of generators, close air compressors, and other powered mechanical equipment, and place equipment as far away from residential areas as possible. (c) The maximum allowed speed should be restricted.
	Water Quality	<ul style="list-style-type: none"> (a) Establish appropriate erosion and sediment control measures such as hay bales and/or silt fences to prevent sediment from moving off-site and causing excessive turbidity in nearby streams and rivers. (b) Wash construction vehicles and machinery only in designated areas where runoff will not pollute natural surface water bodies. (c) Lubricants, fuel, and solvents should be stored and used for servicing machinery exclusively in the designated sites, with adequate lining of the ground and confinement of possible operation and emergency spills. Spill containment materials (sorbents, sand, sawing, chips etc.) should be available on construction site.

	Waste management	<ul style="list-style-type: none"> (a) Minimize the amount of generated waste to the extent possible. (b) Separate various types of generated waste and re-use / recycle relevant types of waste to the possible extent. (c) Allocate sites for temporary on-site storage of various types of waste. Do not allow the accumulation of excessive amounts of waste on-site. (d) Obtain formal arrangements with municipal authorities to dispose of household waste and final placement of excess material (inert construction waste). (e) Make timely arrangements for the disposal or hand-over of hazardous waste to licensed companies.
	Material supply	<ul style="list-style-type: none"> (f) Use existing plants, quarries, or borrow pits with appropriate official approval or valid operating license. (g) Obtain licenses for any new quarries and/or borrowing areas if their operation is required. (h) Reinstate used sections of quarries and/or borrowing areas as extraction proceeds on or properly closed quarries if extraction completed and license expired. (i) Haul materials in off-peak traffic hours. (j) Place speed regulating, diverting, and warning signs for traffic as appropriate.
	Earthworks	<ul style="list-style-type: none"> (a) Topsoil should be stripped before starting of earthworks. (b) Proper topsoil storage practice should be applied to ensure to maintain physical-chemical and biological activity of the soil; Temporary protective silt fencing should be erected to avoid erosion (wash down). (c) Stored topsoil should be used for reinstatement and landscaping. (d) Topsoil from the sites, which will not be reinstated to the initial conditions will be distributed carefully on the surrounding area. (e) Topsoil will be reinstated separately from subsoil, with care taken to avoid mixing of the materials. The topsoil reinstatement will be sufficient to restore the fertile depth to the initial conditions as judged by the topsoil strip during visual observation and comparison of the reinstated site and adjacent land. When replacing the topsoil Contractor will program the works such that the areas furthest away from the stockpiles are reinstated first with reinstatement getting progressively closer to the stockpiles, thus reducing the number of vehicle movements over the reinstated topsoil. The reinstated topsoil will then be harrowed, where practical, to protect the stability and promote vegetative growth. (f) In case chance find is encountered in the course of earth works, the contractor must immediately stop any physical activity on site and informs the MDF. The MDF promptly notifies the Ministry of Culture and Monument Protection, which takes over responsibility for the following course of action. Works may resume only upon receipt of written permission from the Ministry of Culture and Monument Protection.
F. Hazardous or toxic materials	Toxic / hazardous waste management	<ul style="list-style-type: none"> (a) Temporarily storage on site of all hazardous or toxic substances will be in safe containers labeled with details of composition, properties, and handling information. (b) The containers of hazardous substances shall be placed in a leak-proof container to prevent spillage and leaching. (c) The wastes shall be transported by specially licensed carriers and disposed in a licensed facility. (a) Paints with toxic ingredients or solvents or lead-based paints will not be used

PART D: MONITORING PLAN

Activity	What (Is the parameter to be monitored?)	Where (Is the parameter to be monitored?)	How (Is the parameter to be monitored?)	When (Define the frequency / or continuous?)	Why (Is the parameter being monitored?)	Who (Is responsible for monitoring?)
CONSTRUCTION PHASE						
Supply with construction materials	Purchase of construction materials from the officially registered suppliers	In the supplier's office or warehouse	Verification of documents	During the conclusion of the supply contracts	To ensure technical reliability and safety of infrastructure	MDF, Construction supervisor
Transportation of construction materials and waste Movement of construction machinery	Vehicles and machinery are kept in standard technical condition; Truck loads are confined and protected with lining; Established hours and routes of transportation are respected	Construction site	Inspection	Unannounced inspections during work hours and beyond	Limit pollution of soil and air from emissions; Limit nuisance to local communities from noise and vibration; Minimize traffic disruption.	MDF, Construction supervisor, Traffic Police
Earthworks	Temporary storage of excavated material in the pre-defined and agreed upon locations; Backfilling of the excavated material and/or its disposal to the formally designated locations; In case of chance finds immediate suspension of works, notification of the Ministry of Culture and Monument Protection, and resumption of works exclusively upon formal consent of the Ministry. Topsoil is striped before starting of the earthworks;	Construction site	Inspection	In the course of earth works;	Prevent pollution of the construction site and its surroundings with construction waste; Prevent damage and loss of physical cultural resources; Prevent topsoil losses.	MDF, Construction supervisor

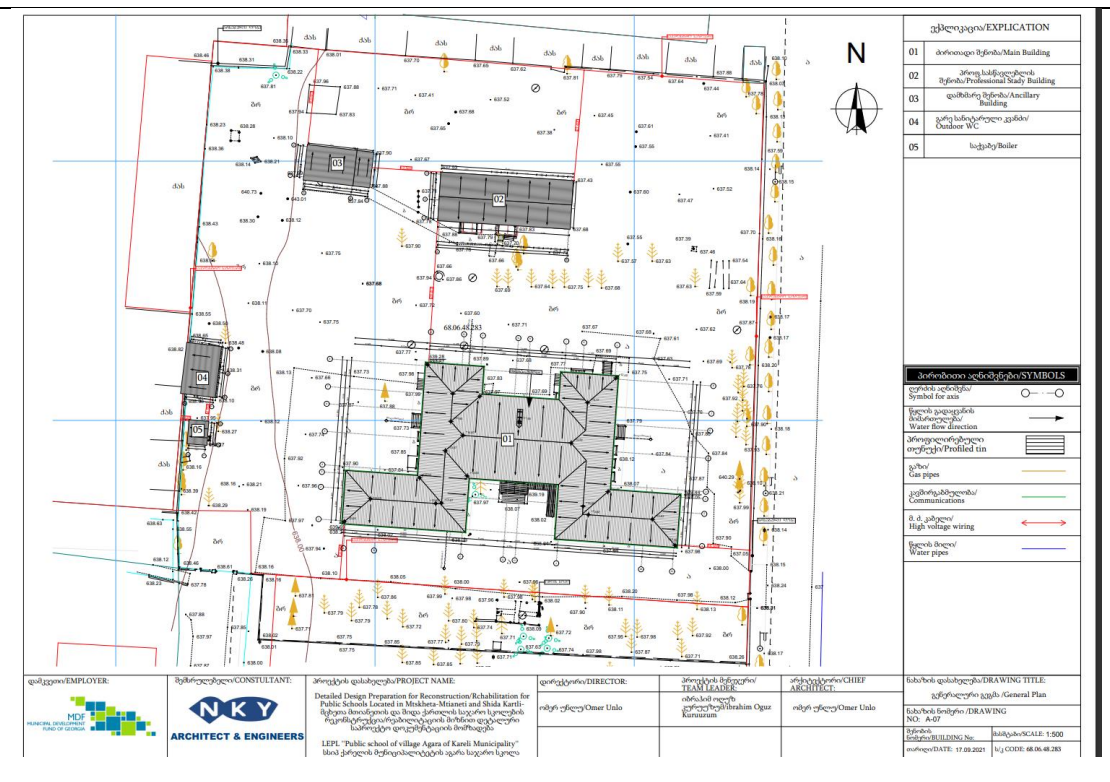
	<p>Proper topsoil storage practice is applied; Temporary protective silt fencing is erected;</p> <p>Striped topsoil is used for reinstatement and landscaping.</p>					
Sourcing of the natural construction material	<p>Purchase of material from the existing suppliers if feasible; Obtaining of extraction license by the works contract and strict compliance with the license conditions; Terracing of the borrow area, backfilling to the exploited areas of the borrow site, and landscape harmonization; Excavation of river gravel and sand from outside of the water stream, arrangement of protective barriers of gravel between excavation area and the water stream, and no entry of machinery into the water stream.</p>	Borrowing areas	<p>Inspection of documents Inspection of works</p>	In the course of material extraction	<p>Limiting erosion of slopes and degradation of ecosystems and landscapes; Limiting erosion of riverbanks, water pollution with suspended particles, and disruption of aquatic life.</p>	MDF, Construction supervisor
Generation of construction waste	<p>The temporary storage of construction waste in specially allocated areas; Timely disposal of waste to the formally designated locations</p>	Construction site; Waste disposal site	Inspection	Periodically during construction and upon complaints	Prevent pollution of the construction site and nearby area with solid waste	MDF, Construction supervisor
Traffic disruption and limitation of pedestrian access	<p>Installation of traffic limitation/diversion signage; Storage of construction materials and temporary placement of construction</p>	At and around the construction site	Inspection	In the course of construction works	Prevent traffic accidents; Limit nuisance to residents	MDF, Construction supervisor

	waste in a way preventing congestion of access roads					
Workers' health and safety	Provision of uniforms and safety gear to workers; Provision of potable water and lavatories for men and women at worksite; Informing of workers and personnel on the personal safety rules and instructions for operating machinery/equipment, and strict compliance with these rules/instructions; Adoption and adherence to plan for preventing spread of COVID-19 infection and action in response to the possible outbreak.	Construction site	Inspection	Unannounced inspections in the course of work	The limited occurrence of on-the-job accidents and emergencies	MDF, Construction supervisor
Works within settlement	Informing affecting population on the upcoming works and any temporary disruptions of municipal service provision that may occur during works; Observance of the established working hours during daytime, minimizing noise and dust emissions, limiting speed of moving construction vehicles and machinery.	Construction site	Inspection	Recurrent	Ensure the safety of residents and minimize nuisance	MDF, Construction supervisor
OPERATION PHASE						
Generation of waste from maintenance of rehabilitated school	Proper management of solid waste	Municipal area	Inspection	Throughout operation of the school	Prevent pollution with solid waste	MES

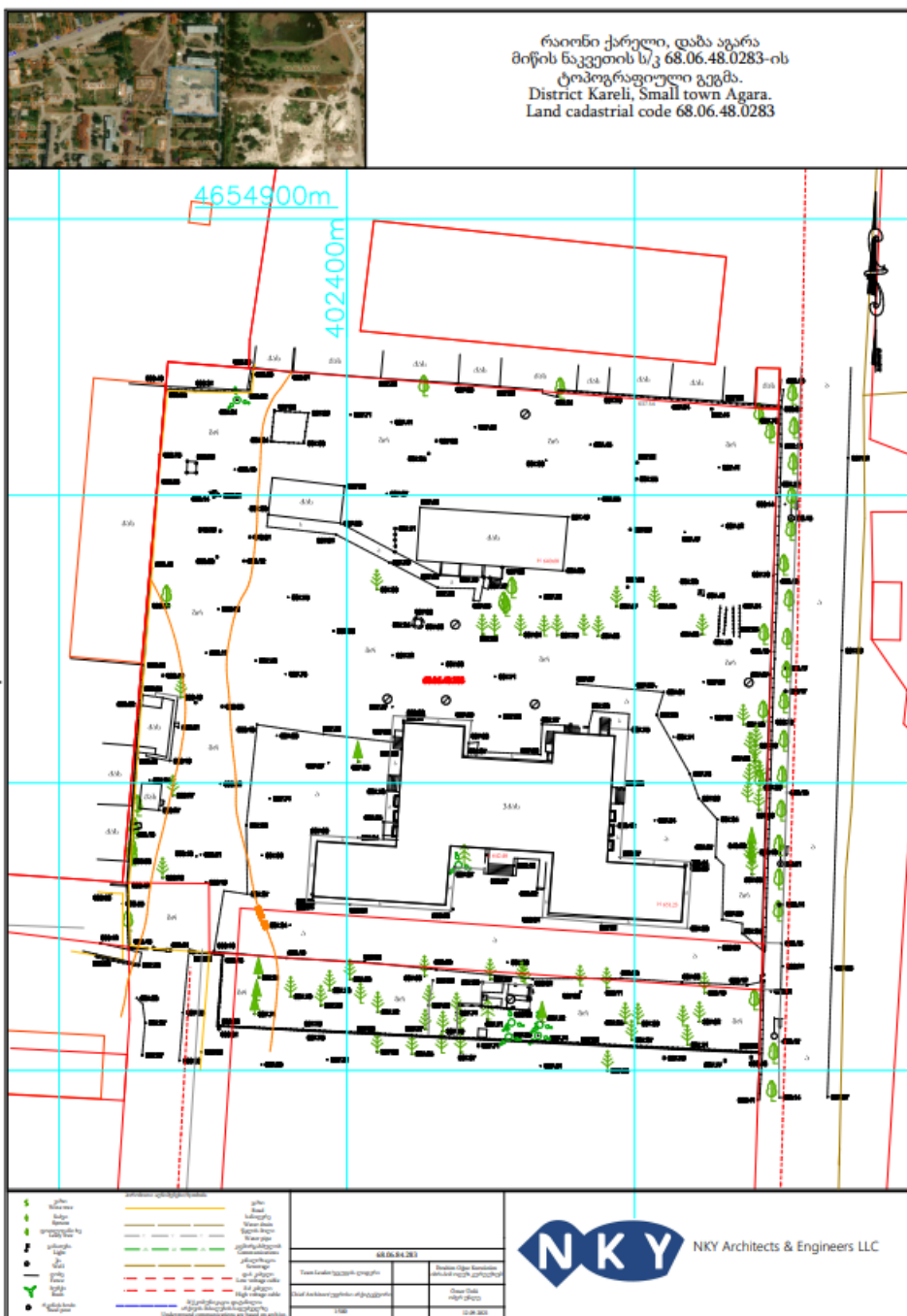
Attachment 1: Ortho Photo



Attachment 2: General Plan



Attachment 3: Top Plan



Attachment 4: Cadastral Information



მაისი უკანავე ქმნის საკადასტრო კოდი **N 68.06.48.283**

ამონაწერი საჯარო რეგისტრაციდან

განცხადების რეგისტრაცია: **N 882016123718 - 02/03/2016 10:21:53** მიმწავლის თარიღი: **09/03/2016 10:07:52**

საკუთრების განყოფილება

ზონა ქარული	სექტორი აგარა	კვარტალი	ნაკვეთი	ნაკვეთის საკუთრების გიბა: საკუთრება
68	06	48	283	ნაკვეთის დანიშნულება: არასასაოფლო სამეურნეო დამუშავებელი ფართობი: 10901.00 კვ.მ. ნაკვეთის წინა ნომერი: 68.06.01.054 ; შენობა-ნაგებობის ჩამონათვი: 201-ღაბა აგარის საჯარო სკოლა საერთო ფართობი-2938.48 კვ.მ, აქედან: I სართული ფართობი-969.31 კვ.მ, II სართული ფართობი-992.09 კვ.მ, III სართული ფართობი-977.08 კვ.მ; N02-სახელმწიფო საერთო ფართობი-131.58 კვ.მ; N03-სახელმწიფო საერთო ფართობი-34.56 კვ.მ; N04-საპროფიტო საერთო ფართობი-28,16 კვ.მ; N05-წყალსაცავი საერთო ფართობი-5.75 კვ.მ.

მესაკუთრის განყოფილება

განცხადების რეგისტრაცია: ნომერი **682004001225**, თარიღი **11/10/2004**

უფლებს დაზღვევით დასაქმებული დოკუმენტი:

- აგარის საჯარო სკოლის გერმანიის ნახაზი, საქართველო ქარულს გეგმურ-გეგმარების ბიურო
- ქსონა-ღაბისათვის N6, დამოწმების თარიღი: 05/10/2004, საქართველო ქარულს გეგმ. ბიუროს გერმანიული სამსახური

მესაკუთრები: სახელმწიფო

მესაკუთრე: **აღწერა:** სახელმწიფო

იპოთეკა

საგადასახადო გირავნობა:

რეგისტრირებული არ არის

სარგებლობა

საჯარო რეგისტრის ეროვნული სააგენტო. <http://public.reestr.gov.ge>

გვერდი: 1(2)

განცხადების რეგისტრაცია ნომერი: **882016123718** თარიღი: **02/03/2016 10:21:53**
 მომარგებელი: **სსიპ ქარულს მუნიციპალიტეტის აგარის საჯარო სკოლა**
 მესაკუთრე: **სახელმწიფო**
 საგნის არსსისოლო-სამეურნეო მიწის ნაკვეთი ფართობი 0901.0 კვ.მ. და მასზე განთავსებული შენობა-ნაგებობები; არსების ვალიდ;
 უფლებს რეგისტრაცია: თარიღი: **09/03/2016**
 მომართვა, რეგისტრის ნომერი **N11/3338**, დამოწმების თარიღი **25/01/2016**, სახელმწიფო ქონების ეროვნული სააგენტოს შიდა ქართლისა და მცხეთა-მთიანეთის მომსახურების ცენტრი

ვალდებულება

ვალდებულება:

რეგისტრირებული არ არის

მოვალეობა რეგისტრირებული არ არის

რეგისტრირებული არ არის

"ფსიკრი პირის მიერ 2 წლამდე ვალიდ საკუთრებაში არსებული მატერიალური ბუნების რეალობისთვის, აგრეთვე საგადასახადო წესის გამოვლინების 1000 ლარის ან მეტი ღირებულების ქონების საშუალო მატერიალური რეალობის გამოვლინების შემთხვევაში წესის მომდევნო წესის 1 პარაგრაფის შესახებ აღნიშნული ფსიკრი პირი ანუ ვალიდ წესის დარღვევის საგადასახადო ორგანოს აღნიშნული ვალდებულების შექმნის შემთხვევაში საგადასახადო სამართლებრივ საფუძვლებს, რაც იწვევს სასამართლოს საქართველოს საგადასახადო კოდექსის XVIII თავის მხარეს"

- დოკუმენტის ნაწილის გამოვლინების შემთხვევაში საჯარო რეგისტრის ეროვნული სააგენტოს ოფისალურ ვებ-გვერდზე www.napr.gov.ge;
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- ამონაწერის გეგმის აგრეთვე აღნიშნული სასამართლო სააგენტოს ოფისალურ ვებ-გვერდზე www.napr.gov.ge;
- კომპლუტის მატერიალური საშუალო მატერიალური რეგისტრის ეროვნული სააგენტოს ოფისალურ ვებ-გვერდზე www.napr.gov.ge;
- საჯარო რეგისტრის დანიშნულება მართლ უკანონო ქმედების შემთხვევაში დავადასახადო ცხელ ხაზზე: 08 009 009 09
- ინფორმაციის საინტერნეტ-საგადასახადო სააგენტოს ვებ-გვერდზე www.napr.gov.ge

საჯარო რეგისტრის ეროვნული სააგენტო. <http://public.reestr.gov.ge>

გვერდი: 2(2)

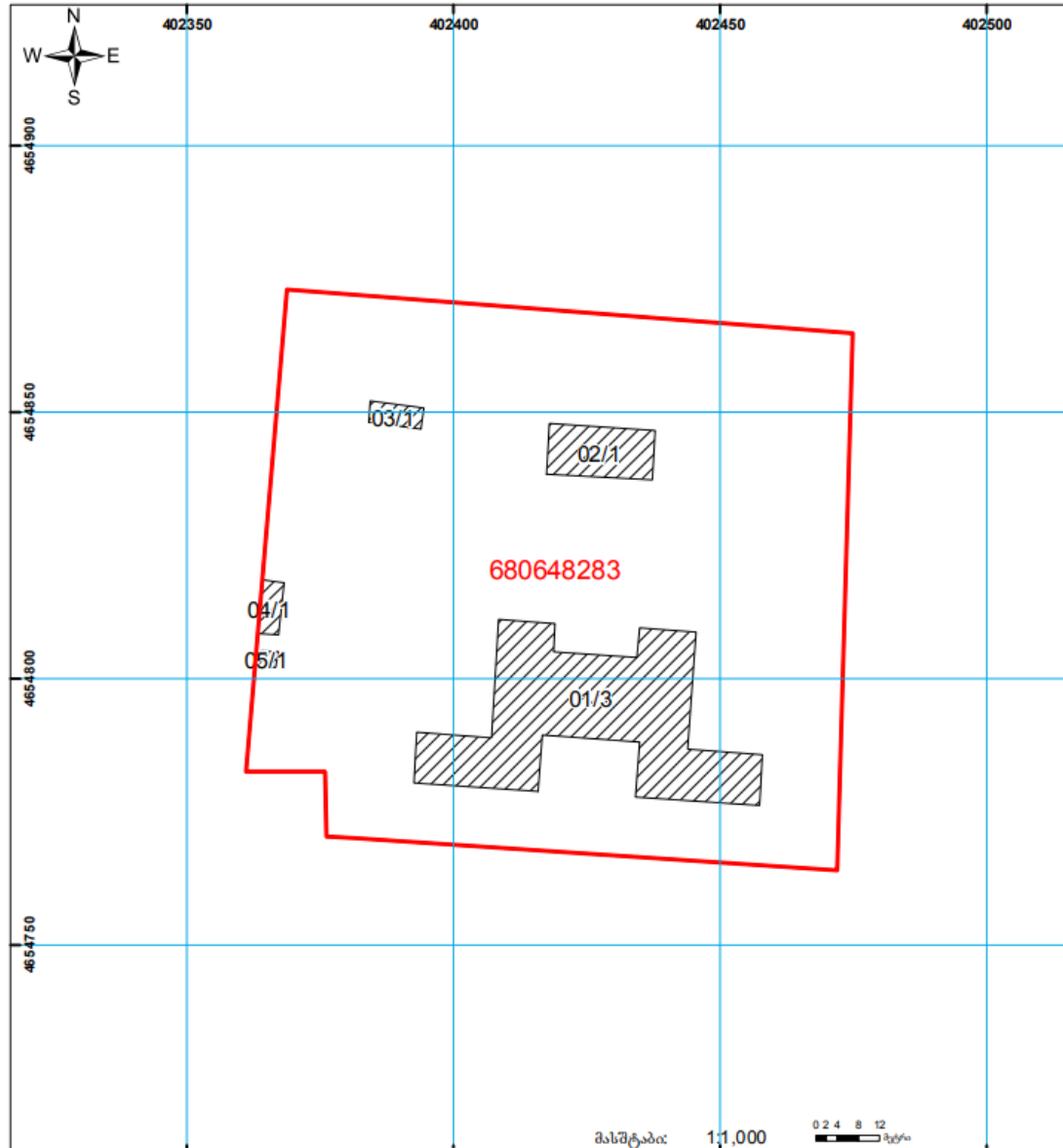
Attachment 5: Cadastral Plan



საპატრიკვილონო მუხტოვიის სამსახური
საპატრიკვილონო მუხტოვიის მართვის ეროვნული სააგენტო
საპატრიკვილონო მუხტოვიის მართვის ეროვნული სააგენტო

მუხტოვის ნაკვეთის საპატრიკვილონო კოდი:
განცხადების რეგისტრაციის ნომერი:
მუხტოვის ნაკვეთის ფართობი:
დანომუხტობა:
კატეგორია:
მომზადების თარიღი:

68 06 48 283
882014532920
10901 კვ.მ.
არასას(ო)ფლო-სამშენებლო
08.10.2014



	შენიშნული ნაკვეთი, პრობლემა ნომერი/სართული იანობა		ქალღმერთობა		სამშენებლო ნაკვეთი	 0 0.00 00.00 UTM (სერვისისთვის) სისტემის კოორდ.
	მუხტოვის ნაკვეთის საპატრიკვილონო საზღვარი		შენიშნული ნაკვეთი			

საჯარო რეგისტრაციის ეროვნული სააგენტო: თბილისი 0102 წმ. ნიკოლოზისა. მუხტოვის ქ. 2 ტელ: (995 32) 91 04 27; ფაქს: (995 32) 91 03 41
ქარელის სარეგისტრაციო სამსახური. ქ. ქარელი, შუაღობლიძის ქ. N1 www.napr.gov

Attachment 6: Site photos



Attachment 7: Design drawings (3D visualization etc.)



Projekat: 1801/2018	Stručna ustanova: NIKY ARCHITECT & ENGINEERS	Projekat: 1801/2018 Naziv: Izrada Projekata za Izgradnju i Rekonstrukciju Objekta: Izrada Projekata za Izgradnju i Rekonstrukciju Objekta: Izrada Projekata za Izgradnju i Rekonstrukciju Objekta: Izrada Projekata za Izgradnju i Rekonstrukciju	Ured: 1801/2018	Ured: 1801/2018	Ured: 1801/2018
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Projekat: 1801/2018	Stručna ustanova: NIKY ARCHITECT & ENGINEERS	Projekat: 1801/2018 Naziv: Izrada Projekata za Izgradnju i Rekonstrukciju Objekta: Izrada Projekata za Izgradnju i Rekonstrukciju Objekta: Izrada Projekata za Izgradnju i Rekonstrukciju Objekta: Izrada Projekata za Izgradnju i Rekonstrukciju	Ured: 1801/2018	Ured: 1801/2018	Ured: 1801/2018
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Projekat: 1801/2018	Stručna ustanova: NIKY ARCHITECT & ENGINEERS	Projekat: 1801/2018 Naziv: Izrada Projekata za Izgradnju i Rekonstrukciju Objekta: Izrada Projekata za Izgradnju i Rekonstrukciju Objekta: Izrada Projekata za Izgradnju i Rekonstrukciju Objekta: Izrada Projekata za Izgradnju i Rekonstrukciju	Ured: 1801/2018	Ured: 1801/2018	Ured: 1801/2018
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Projekat: 1801/2018	Stručna ustanova: NIKY ARCHITECT & ENGINEERS	Projekat: 1801/2018 Naziv: Izrada Projekata za Izgradnju i Rekonstrukciju Objekta: Izrada Projekata za Izgradnju i Rekonstrukciju Objekta: Izrada Projekata za Izgradnju i Rekonstrukciju Objekta: Izrada Projekata za Izgradnju i Rekonstrukciju	Ured: 1801/2018	Ured: 1801/2018	Ured: 1801/2018
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Projekat: 1801/2018	Stručna ustanova: NIKY ARCHITECT & ENGINEERS	Projekat: 1801/2018 Naziv: Izrada Projekata za Izgradnju i Rekonstrukciju Objekta: Izrada Projekata za Izgradnju i Rekonstrukciju Objekta: Izrada Projekata za Izgradnju i Rekonstrukciju Objekta: Izrada Projekata za Izgradnju i Rekonstrukciju	Ured: 1801/2018	Ured: 1801/2018	Ured: 1801/2018
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Projekat: 1801/2018	Stručna ustanova: NIKY ARCHITECT & ENGINEERS	Projekat: 1801/2018 Naziv: Izrada Projekata za Izgradnju i Rekonstrukciju Objekta: Izrada Projekata za Izgradnju i Rekonstrukciju Objekta: Izrada Projekata za Izgradnju i Rekonstrukciju Objekta: Izrada Projekata za Izgradnju i Rekonstrukciju	Ured: 1801/2018	Ured: 1801/2018	Ured: 1801/2018
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