ISTANBUL RESILIENCE PROJECT

BAYRAMPAŞA INDOOR SPORTS HALL

DRAFT ENVIRONMENTAL AND SOCIAL MANAGEMENT PLAN

(For Public Disclosure and Consultation)

NOVEMBER 2026

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Abbreviations

ACM	Asbestos Containing Materials
AMP	Asbestos Management Plan
AoI	The Area of Influence
CERC	Contingent Emergency Response Component
CHS	Community Health and Safety
CİMER	Presidency's Communication Center
CoC	Code of Conduct
C-ESMP	Contractor Environmental and Social Management Plan
EIA	Environmental Impact Assessment
ERP	Emergency Response Plan
ESF	Environmental and Social Framework
ESHS	Environment, Social and Health and Safety
ESMF	Environmental and Social Management Framework
ESMP	Environmental and Social Management Plan
ESSs	Environmental and Social Standards
E&S	Environmental and Social
GBV	Gender-based Violence
GM	Grievance Mechanism
IMM	Istanbul Metropolitan Municipality
IPCU	Istanbul Project Coordination Unit
IRP	Istanbul Resilience Project
LMP	Labor Management Procedures
LM Plan	Labor Management Plan
MoNE	Ministry of National Education
MSDS	Material Safety Data Sheet
OHS	Occupational Health and Safety
PPE	Personal Protection Equipment
SEA/SH	Sexual Exploitation and Abuse/Sexual Harassment
SEP	Stakeholder Engagement Plan

WB	World Bank
WHO	World Health Organization
WWTP	Wastewater Treatment Plant
YİMER	Foreigners Communication Center

1. Executive Summary

The Istanbul Resilience Project (IRP), financed by the World Bank and implemented by the Istanbul Project Coordination Unit (IPCU), aims to enhance disaster and climate resilience in Istanbul Province by strengthening emergency preparedness, reducing disaster risks, and ensuring that critical public facilities remain fully functional during and after disasters.

The Project is structured under four components:

1. Strengthening the Emergency Preparedness and Response System
2. Enhancing the Resilience of Critical Public Buildings and Facilities
3. Project Management and Technical Assistance
4. Contingent Emergency Response Component (CERC).

Within the scope of Component 2, the reconstruction of Bayrampaşa Indoor Sports Hall in Istanbul has been selected as one of the subprojects to be financed under the IRP. The former sports hall was demolished in August 2024, and the bulk demolition debris has been removed. However, certain structures remain within the project footprint, including the former sports hall entrance and two buildings located within the municipal official vehicle parking area. In addition, portions of the project site are currently used as a public parking area and as a municipal official vehicle parking area. These areas will be cleared and formally handed over before the commencement of construction works, in accordance with the arrangements described in the approved E&S Screening Form. The new sports hall will be constructed in line with the highest seismic and climate resilience standards and will serve as a modern public sports facility and a self-sufficient temporary emergency shelter, supporting community resilience and essential needs during the first 72 hours following a disaster.

Key features of the subproject include:

- **Nearly Net-Zero Quality Building:** Designed with energy-efficient systems (aligned with Turkish TS825 and IRP's Class B performance standards), renewable energy installations (such as photovoltaic panels), and enhanced generator capacity.
- **Water Security and Storage:** Equipped with additional storage tanks and rainwater harvesting systems to ensure uninterrupted water supply during disasters.
- **Emergency Preparedness:** Integration of communication systems and basic provisions (such as electricity, water, and food) to support affected populations and surrounding communities during the first 72 hours following a disaster.
- **Inclusive Design/Universal Access:** The facility will include tactile surfaces, ramps, elevators, and accessible sanitary facilities, ensuring universal access, particularly for persons with disabilities and other vulnerable groups.
- **Community Shelter Function:** The building has been designed with potential to host displaced individuals during emergencies, contributing to the post-disaster shelter capacity of Istanbul.

The environmental and social screening confirmed that the project does not fall under ineligible activities of the IRP Exclusion List and is categorized as ***Moderate Risk*** under the World Bank's Environmental and Social Framework (ESF). The main anticipated risks include:

- **Construction-related risks:** dust, noise, traffic disruptions, and construction waste generation.
- **Occupational Health and Safety (OHS) risks:** hazards from heavy equipment, work at height, handling of materials, and potential risks of electrical accidents during construction activities.
- **Community Health and Safety risks:** possible exposure to dust/noise and minor increases in local traffic.
- **Waste Management:** construction debris and other solid and liquid wastes will require careful monitoring, segregation, and management to ensure recycling and safe disposal in line with national regulations and the IRP Environmental and Social Management Framework (ESMF).

Mitigation measures have been developed and will be implemented in line with the IRP's Environmental and Social Management Framework (ESMF), Labor Management Procedures (LMP), and Stakeholder Engagement Plan (SEP). This site-specific Environmental and Social Management Plan (ESMP) will be applied to ensure compliance with Turkish regulations and the World Bank's Environmental and Social Standards (ESSs).

A dedicated Grievance Mechanism (GM) will be available for all project stakeholders, including workers and community members, to raise concerns, complaints, or suggestions related to the subproject. The GM will be accessible, transparent, and inclusive, ensuring timely responses and effective resolution. Special channels will be provided for sensitive cases, including issues related to Sexual Exploitation and Abuse/Sexual Harassment (SEA/SH), with confidentiality and survivor-centered procedures guaranteed.

The reconstruction of Bayrampaşa Indoor Sports Hall will thus contribute directly to IRP's objectives by providing a safe, resilient, green, and inclusive public facility that supports sports and community activities, protects vulnerable groups, and supports emergency response capacity in Bayrampaşa and beyond.

2. Introduction

This ESMP has been prepared for the reconstruction of Bayrampaşa Indoor Sports Hall under the IRP, financed by the World Bank and implemented by the IPCU.

The purpose of this ESMP is to identify the potential environmental and social risks and impacts of the subproject and to propose appropriate mitigation and monitoring measures. The ESMP ensures that project activities are implemented in compliance with the World Bank ESF, particularly the relevant ESSs, as well as with applicable Turkish laws and regulations, including the Law on Environment No. 2872 (1983) and national labor, occupational health and safety legislation.

The mitigation measures defined in this ESMP will be included in the bidding documents, and their implementation will be ensured by the Contractor under the supervision of IPCU and the Supervision Consultant. This ESMP is a living document and will be updated as necessary during implementation to reflect site conditions, monitoring results, and stakeholder feedback.

3. Legal and Institutional Framework

This ESMP has been developed in line with the World Bank Environmental and Social Framework (ESF) and the relevant Environmental and Social Standards (ESSs), as well as with Turkish national laws and regulations governing environment, labor, occupational health and safety, and construction.

Key applicable legislation includes the Environment Law No. 2872, the Labor Law No. 4857, the Occupational Health and Safety Law No. 6331, and related secondary regulations. In cases where discrepancies arise between national legislation and the WB's ESF, the requirement that ensures a higher level of environmental and social protection will apply.

The implementation of this ESMP will be ensured through the institutional arrangements of the IPCU, with monitoring and supervision carried out by the supervision consultant, and day-to-day compliance ensured by the contractor.

The IRP ESMF is publicly disclosed and can be accessed at the following links:

Turkish Version

English Version

4. General Project and Project Area Information

Türkiye faces significant disaster risks due to its seismicity, urbanization, and growing population. The IRP has been designed to address these risks by strengthening critical public buildings and ensuring that they can remain operational during and after disasters. Within this framework, the reconstruction of Bayrampaşa Indoor Sports Hall has been selected as one of the subprojects to be financed under *Component 2: Enhancing the Resilience of Critical Buildings and Facilities*.

The main objective of the subproject is to rebuild the sports hall to the highest seismic and climate resilience standards, while equipping it as a self-sufficient post-disaster shelter capable of providing basic services (electricity, water, food, and communication) during the first 72 hours of a disaster. The project will therefore contribute to strengthening disaster preparedness, enhancing emergency response capacity, and supporting the continuity of sports and community activities under normal operating conditions, while providing temporary emergency shelter and essential services following a disaster.

Construction activities will include the demolition of the remaining structures within the project footprint, excavation, reinforced concrete works, finishing works, and landscaping. The former sports hall was demolished in August 2024, and the bulk demolition debris has already been removed. The remaining structures and areas currently used for parking will be cleared prior to the commencement of construction works. These activities are expected to generate temporary, site-specific, and manageable environmental and social impacts, including noise, dust, construction traffic, and waste generation.

Based on the current scope and applicable Turkish EIA Regulation, the subproject is not subject to a full EIA process; however, all applicable environmental, occupational health and safety, and construction management requirements will be complied with.

This ESMP has therefore been prepared as a guidance document to identify potential risks, propose mitigation measures, and ensure that construction and operation activities are carried out in line with both national regulations and the World Bank ESF.

4.1 Project Description

Subproject Title:	Construction Works for Self-Sufficient Public Building After Disaster (Nearly Net-Zero Quality, Self-Sufficient Post-Disaster Facility)
Location:	Altıntepsi District, Parcel No. 15744, Sheet No. 18/7, Bayrampaşa / Istanbul.
Implementing Institution:	Istanbul Project Coordination Unit (IPCU)
Responsible User Institution:	Provincial Directorate of Youth and Sports
Site Condition:	The former sports hall was demolished in August 2024, and its debris has been removed. Remaining structures and areas, will be cleared before construction.
Building Information:	The approximate enclosed construction area is 36,380.31 m².
Estimated Cost:	The project consists of 36,380.31 m² of enclosed construction area, and relevant authorities should develop their own cost estimations as appropriate.
Construction Period:	18 months (Approx.)

4.2 General Information and Objectives

The subproject area is located within Bayrampaşa District, on the European side of Istanbul, in the Marmara Region of Türkiye. Bayrampaşa is a densely populated and highly urbanized district of

Istanbul, with a predominantly built-up environment and a mix of residential, commercial, and industrial uses. The district has strong transportation connections to other parts of Istanbul through major road corridors and public transportation networks. Its location within the European side of Istanbul provides access to key urban centers and metropolitan facilities.

The subproject site is situated in Altıntepsi District of Bayrampaşa, Parcel No. 15744, Sheet No. 18/7. The area is designated as a Sports Facility Area under the zoning plan, and the land is state-owned under the Provincial Directorate of Youth and Sports. The sports hall was demolished in August 2024. Remaining structures and areas, will be cleared before construction.

Building Location

The subproject area is easily accessible by local roads and is connected to Bayrampaşa town center by public and private transport options.

The Area of Influence (AoI) is defined at the neighborhood scale, covering the broader built-up area in which the project site is located, including surrounding residential areas and nearby public facilities. Based on the surrounding receptors identified within the AoI, the main sensitive receptors are as follows (approx. straight-line distances):

- **Residential and commercial buildings:** The project site is located in a densely developed urban area of Bayrampaşa, characterized predominantly by residential buildings, together with commercial activities, and other urban uses.
- **Educational facilities:** Several educational facilities have been identified within the vicinity of the project site, including Hürriyet Religious Secondary School (~320 m), Yahya Kemal Secondary School (~340 m), Ahmet Haşim Primary School (~550 m), and Hüseyin Bürge Anatolian High School (~400 m).
- **Healthcare facilities:** Healthcare facilities within the vicinity include Bayrampaşa Kolan Hospital (~516 m) and Bayrampaşa State Hospital (~515 m) from the project site.
- **Religious facilities:** Religious facilities identified within the vicinity include Yüce Mosque (~290 m) and Terazidere Mosque (~465 m) from the project site.
- **Government/public facilities:** Public facilities within the vicinity include Çetin Emeç Stadium (~150 m), Yahya Kemal Park (~320 m), and Bayrampaşa District Police Department (~415 m) from the project site.
- **Infrastructure:** No major infrastructure facilities such as wastewater treatment plants, water reservoirs, or energy facilities have been identified within the immediate vicinity of the project site based on the available information.
- **Transportation infrastructure:** The project site is located within a developed urban area with an established road network. No metro or railway line has been identified in the immediate vicinity of the project site based on the available information.

A general view of the project site is presented in Figure 1. Site photographs (Annex 1) as well as satellite and aerial imagery (Annex 2) and land registry records (Annex 3) are provided in the annexes to this ESMP. In addition, a location map showing the project site and nearby infrastructure is presented in Annex 2.

Annex 3 (Land Register) presents the official land registration information for the project site, including Parcel No. 15744, Sheet No. 18/7, and the total land area of 36,120 m². The land is publicly owned and allocated to the Provincial Directorate of Youth and Sports. The proposed new sports hall has a planned total enclosed construction area of approximately 36,380.31 m², as specified in the subproject design documentation. Annex 4 (Topographic Survey) provides detailed information on the site's existing elevations, boundaries, and physical characteristics, supporting the design and layout of the new sports

hall. Annex 5 (Zoning Status Letter) confirms that the project site is designated as a Sports Facility Area under the applicable zoning plans.



Figure 1: General View of Bayrampaşa Indoor Sport Hall (Bayrampaşa, Istanbul)

4.3 Subproject Description and Activities

The subproject involves the reconstruction of Bayrampaşa Indoor Sports Hall in Istanbul. The former sports hall, which was identified as structurally weak, was demolished in August 2024, and the bulk demolition debris has been removed. However, certain structures remain within the project footprint, including the former sports hall entrance and two buildings located within the municipal official vehicle parking area. These remaining structures will be demolished under the subproject.

The project site is state-owned land allocated for sports facilities, and no involuntary land acquisition is required. Portions of the project area are currently used as a public parking area and as a municipal official vehicle parking area. Based on information provided by the relevant authorities and the official correspondence included in Annex 5 of the approved E&S Screening Form, the municipal official vehicle parking area is subject to a lease arrangement between public authorities. Access to the parking area is based on a subscription system, and no private parking operator or other third-party operator is involved.

The applicable lease provisions allow termination in the event of a new investment. Formal notification will be provided at least 30 days prior to the planned commencement of construction works, and the lessee is required to vacate the affected area within 15 days following such notification. Clearance and formal handover of the affected parking areas will be completed before construction activities commence.

No alternative parking arrangement has been identified by the relevant authorities at this stage. No residential occupation, informal settlement, livelihood-dependent users, private commercial activities, or third-party operators have been identified within the project footprint. Accordingly, the subproject is not expected to result in physical or economic displacement of people.

Relevant stakeholders, including users potentially affected by changes in parking and access arrangements, will be informed and engaged in accordance with the Project Stakeholder Engagement Plan (SEP). Any concerns or grievances related to these arrangements will be addressed through the Project Grievance Mechanism (GM).

The new sports hall will be constructed with a total enclosed construction area of approximately 36,380.31 m². It will be designed to meet the highest seismic and climate resilience standards and to function as a self-sufficient post-disaster shelter. Key design features include:

- Additional water storage capacity,
- Renewable energy systems (such as photovoltaic panels),
- Expanded generator capacity, and
- Enhanced communication systems to ensure building functionality during emergencies.

Planned construction activities include:

- Site preparation and excavation,
- Reinforced concrete and superstructure work,
- Interior and exterior finishing works,
- Landscaping and external arrangements, and
- Procurement and installation of building materials and equipment.

No new infrastructure such as transportation routes, electricity, water, or wastewater lines is required, as the site is already serviced by existing urban infrastructure.

Construction activities are expected to generate typical short-term environmental and social impacts such as dust and noise emission, generation of construction waste, increased traffic, and potential risks to community health and safety (CHS) and occupational health and safety (OHS). These impacts will be mitigated through the implementation of the measures described in this ESMP and the Contractor's Environmental and Social Management Plan (C-ESMP), ensuring compliance with relevant national regulations and the IRP ESMF.

5. Environmental and Social Management Plan

This ESMP outlines the key measures that the Contractor and other responsible parties must implement during the subproject activities to prevent, minimize, or mitigate potential environmental and social risks and impacts. It summarizes site-specific risks identified for the reconstruction of Bayrampaşa Indoor Sports Hall, together with the corresponding mitigation measures, monitoring indicators and frequency, assigned responsibilities, indicative costs and the overall roles of all parties involved in project implementation.

The ESMP serves as a practical tool to ensure that all project-related risks—including environmental, occupational health and safety, community health and safety, waste management, and stakeholder engagement—are managed in line with the World Bank ESF and the relevant national legislation.

The **Supervision Consultant** will be responsible for monitoring the implementation of the mitigation measures, assessing the Contractor's environmental and social management system and performance, organizational capacity, and site-specific sub-plans. The Supervision Consultant will also review the Contractor's ESMP (C-ESMP) and provide recommendations for improvement. The **Contractor** is obliged to prepare, adopt, and implement the Contractor's Environmental and Social Management Plan (C-ESMP), based on this subproject's ESMP, **prior to the commencement of civil works,** ensuring that all environmental and social commitments are fully met.

In addition to C-ESMP, the **Contractor will prepare and submit the following** sub-management plans **for review by the Supervision Consultant and approval by IPCU**:

- Waste Management Plan
- Asbestos Management Plan
- Labor Management Plan (in line with the Project LMP)
- Occupational Health and Safety Plan (OHS Plan)
- Community Health and Safety Plan
- Traffic Management Plan
- Project-Level Stakeholder Engagement Plan (to be prepared in accordance with project SEP)
- Chance Find Procedures
- Grievance Mechanism (GM) Procedures

All sub-management plans will be submitted and approved before construction works begin and will remain in force throughout the construction period.

Table 1 Environmental and Social Management Plan

Potential Risks and Impacts	Proposed Mitigation Measures	Phase			Indicators for monitoring	Frequency of Monitoring			Responsibility for implementation and monitoring
		Planning	*Construction*	*Operation*		Continuous	Monthly	Quarterly	
General for All Construction Works									
Environmental and Social (E&S) Management	Contractor will prepare and submit for approval and subsequently implement its Contractor ESMP (C-ESMP). **The C-ESMP should be submitted prior to the commencement of construction works and no construction activities will be carried out under the sub-project until it is reviewed and approved by the IPCU through support from the Supervision Consultant.** The C-ESMP will include at least the following site-specific management plans: • Occupational health and safety (OHS) management plan including risk assessment and emergency response plan (see the outline in ANNEX 6 and ANNEX 9 of the Environmental and Social Management Framework (ESMF) of the project) • Community health and safety (CHS) management plan including traffic management plan (see outline in ANNEX 7 of ESMF of the project) • Waste management Plan (see ANNEX 5 of ESMF of the project) • Chance Finds Procedures (see ANNEX 4 of ESMF of the project) • Labor Management Plan (to be prepared in accordance with project LMP) • Project-Level Stakeholder Engagement Plan (to be prepared in accordance with project SEP) • Grievance mechanism (GM) for both community and workers. • Asbestos Management Plan (see ANNEX 8 of ESMF of the project)	X	X		All sub-management plans are approved prior to construction and implemented throughout the construction period		X		Contractor (Implementation) IPCU/Supervision Consultant
	The Contractor shall hire or appoint full-time one environmental and social and one full-time OHS specialists prior to the commencement of construction works. **The**	X	X		Relevant E&S staff are	X			Contractor (Implementation)

Potential Risks and Impacts	Proposed Mitigation Measures	Phase			Indicators for monitoring	Frequency of Monitoring			Responsibility for implementation and monitoring
		Planning	*Construction*	*Operation*		Continuous	Monthly	Quarterly	
	Contractor shall submit the CVs of specialists for approval to IPCU via Supervision Consultant. These specialists will be present at the site throughout the construction period.				mobilized and maintained throughout the construction period				Supervision Consultant
	• **The Contractor will prepare a training program and provide training to all its staff, before they start working on site**, on basic environmental, social, health and safety (ESHS) risks associated with the proposed construction works and the workers' responsibility. The training program **shall be repeated on quarterly basis**. The Contractor's quarterly training program will also cover topics related to Code of Conduct (CoC) such as sexual harassment particularly towards women and children, violence, including sexual and/or gender-based violence and respectful attitudes while interacting with the local community.	X	X		Training program approved and all relevant staffed trained Training records		X		Contractor (Implementation) Supervision Consultant
Resource Efficiency and Pollution Prevention	To address the identified risks and enhance resource efficiency and pollution prevention, the following measures will be implemented: • Ensure that all retrofitted buildings achieve at least Turkish Class C Energy Performance Certification standards (TS825) and all newly constructed buildings achieve at least Class B. • Integrate renewable energy systems, such as solar panels, to reduce energy consumption and ensure operational continuity during disasters. • Install water-saving systems, including low-flow toilets, efficient taps, and showerheads, and implement rainwater harvesting and greywater reuse where feasible and/or applicable. • Reuse demolition materials (e.g., debris as filling material) and ensure high percentage of recycling of iron and other recyclable materials.	X	X		Compliance with energy and water efficiency standards, proper waste and pollution management, implementation of nature-based solutions,			X	Contractor (Implementation) Supervision Consultant

Potential Risks and Impacts	Proposed Mitigation Measures	Phase			Indicators for monitoring	Frequency of Monitoring			Responsibility for implementation and monitoring
		Planning	*Construction*	*Operation*		Continuous	Monthly	Quarterly	
	• Enhance green infrastructure by creating parks, green roofs, and vegetative buffers to manage stormwater, mitigate urban heat effects, and conserve biodiversity where feasible and/or applicable. • Regularly monitor and evaluate the performance of nature-based solutions to ensure their long-term effectiveness. • The areas where waste management will be carried out during the operation process should be determined at the planning stage. • Conduct a tree survey during the planning phase to identify and document existing trees on the site, ensuring protection and conservation of mature trees wherever possible. • Tree planting and the use of fire-resistant native plant species in landscaping projects can mitigate urban heat island effects while supporting ecological functions. • Nature-based solutions, such as rainwater gardens and permeable surfaces, can reduce runoff, recharge groundwater, and enhance local ecosystems.				and stakeholder feedback resolution				
Air Pollution (Dust and Exhaust)	• Minimize dust from exposed work sites by applying water on the ground regularly during the dry season. • Construction debris shall be kept in a controlled area and sprayed with water mist to reduce debris dust especially during the dry season • Keep stockpiles of aggregate materials covered to prevent suspension or dispersal of fine soil particles during windy days or disturbances by stray animals. In case of pneumatic drilling during excavation, dust shall be suppressed by ongoing water spraying and/or construction dust screen enclosures at the site. • The surrounding environment, such as roads, shall be kept free of debris to minimize dust. • Trucks transporting excavated materials or construction waste shall have their loads securely covered to prevent dust and		X		Visual inspection of air quality control measures Records of maintenance Records of complaints	X			Contractor (Implementation) Supervision Consultant

Potential Risks and Impacts	Proposed Mitigation Measures	Phase			Indicators for monitoring	Frequency of Monitoring			Responsibility for implementation and monitoring
		Planning	*Construction*	*Operation*		Continuous	Monthly	Quarterly	
	spillage during transit. • There shall be no open burning of construction or waste materials at the site.								
Noise	• Limit construction activities to hours specified by national regulations, and coordinate with nearby communities to schedule noisy tasks during times that cause minimal disturbance. • During operations, equipment will be placed as far away from residential/community areas as possible. • All equipment will be maintained to keep it in good working order by manufacturing maintenance procedures and installing acoustic enclosures around generators to reduce noise levels. • Use when needed and feasible noise-control methods such as fences, barriers or deflectors (such as muffling devices for combustion engines or planting of fast-growing trees) • Avoid the unnecessary use of alarms, horns and sirens. • Minimize project transportation through community areas. • Maintain a buffer zone (such as open spaces, rows of trees or vegetated areas) between the project site and residential areas to lessen the impact of noise to the living quarters. • Noise measurements shall be conducted if any grievance regarding noise generation is received from the nearest receptors. If measured levels are above limit values, mitigation measures shall be enhanced in this respect, i.e., installing acoustic barriers for mechanical equipment, limiting the hours of operation for specific pieces of equipment or operations, etc.		X		Visual inspection of noise control measures Records of complaints	X			Contractor (Implementation) Supervision Consultant
Health and Safety	When planning activities, discuss steps to avoid people getting hurt. It is useful to consider: • Construction place: Are there any hazards that could be removed	X			Visual inspection	X			Contractor (Implementation)

Potential Risks and Impacts	Proposed Mitigation Measures	Phase			Indicators for monitoring	Frequency of Monitoring			Responsibility for implementation and monitoring
		Planning	*Construction*	*Operation*		Continuous	Monthly	Quarterly	
OHS-related risks due to unsafe practices and hazards at work sites such as work at height, rotating and moving equipment, electrical safety, working with hazardous material, etc.	or should warn people about? • The people who will be taking part in construction: Do the participants have adequate skill and physical fitness to perform their work safely? • The equipment: Are there checks you could do to make sure that the equipment is in good working order? Do people need any particular skills or knowledge to enable them to use it safely? • Electricity Safety: Do any electricity good practices such as the use of safe extension cords, voltage regulators and circuit breakers, labels on electrical wiring for safety measures, awareness on identifying burning smells from wires, etc. apply at the site? Is the worksite stocked with voltage detectors, clamp meters and receptacle testers?				Employee records Equipment				Supervision Consultant
	• Appropriate signposting of the construction sites will inform workers of key rules and regulations to follow. • The contractor's OHS specialist will provide a brief daily toolbox talk to the construction workers on ESHS risks associated with the construction activity that will be carried out on that particular day. • The Contractor will ensure a safe working environment for the workers and before construction activities will supply appropriate personal protective equipment (PPE) in line with international best practice and Turkish Legislation (hard hats, gloves, dust masks, goggles, harnesses and safety boots, etc.). • All activities will be implemented in line with both the Law on Occupational Health and Safety (Official Gazette No: 28339, dated June 30, 2012) and its relevant regulations and also with the World Bank Group EHS Framework. • The Contractor will Immediately notify the IPCU (through supervision consultants) about any serious incident which may have significant adverse effects on the environment, the affected		X		Visual inspection of control measures OHS records Employee records Incident statistics and records, including near misses	X			Contractor (Implementation) Supervision Consultant

Potential Risks and Impacts	Proposed Mitigation Measures	Phase			Indicators for monitoring	Frequency of Monitoring			Responsibility for implementation and monitoring
		Planning	*Construction*	*Operation*		Continuous	Monthly	Quarterly	
	communities, the public or workers. Then, IPCU will notify the World Bank about any serious incident in 48 hours and send an incident investigation report together with the root-cause analysis and corrective action plan no later than 10 days to the World Bank. • Keep the worksite clean and free of debris on a daily basis. • The first aid kit should be equipped with bandages, antibiotic creams, etc. or delivered to health institutions. • Following safety guidelines for the storage, transport, and distribution of hazardous materials aiming to minimize the potential for misuse, spills, and accidental human exposure. • Keep corrosive fluids and other toxic materials in properly sealed containers for collection (considering its MSDS) and disposal in properly secured areas. • Ensure structural openings are covered/protected adequately. • Secure loose or light material that is stored on roofs or open floors. • Keep hoses, power cords, welding leads, etc. from laying in heavily travelled walkways or areas. • During heavy rains or emergencies of any kind, suspend all work. • Follow the below measures for construction involving work at height: • Do as much work as possible from the ground. • Do not allow people with the following personal risks to perform work at height tasks: eyesight/balance problem; certain chronic diseases – such as osteoporosis, diabetes, arthritis or Parkinson's disease; certain medications – sleeping pills, tranquilizers, blood pressure medication or antidepressants; recent history of falls – having had a fall within the last 12 months, etc. • Only allow people with sufficient skills, knowledge and experience to perform the task.				Records of worker's complaints				

Potential Risks and Impacts	Proposed Mitigation Measures	Phase			Indicators for monitoring	Frequency of Monitoring			Responsibility for implementation and monitoring
		Planning	*Construction*	*Operation*		Continuous	Monthly	Quarterly	
	• Check that the place (e.g., a roof) where work at height is to be undertaken is safe. • Take precautions when working on or near fragile surfaces. • Clean up oil, grease, paint, and dirt immediately to prevent slipping in accordance with Emergency Response Plan; and • Provide fall protection measures e.g. safety hardness, and simple scaffolding/guard rail for works over 4 meters from the ground. • The contractor shall hire trained operators for the safe operation of specialized construction's vehicles								
Community Health and Safety Community health and safety risks associated with construction activities, including health issues arising from exposure to waste, stagnant water, wastewater, particulate matter, and construction workers, as well as traffic and road-related risks caused by increased traffic volume and the movement of heavy-duty vehicles due to inadequate	• Rope off construction area and secure materials stockpiles/ storage areas from the public and display warning signs including at unsafe locations. • Do not allow the entrance of unauthorized person in construction areas. • Regularly drain stagnant water from construction areas to prevent the breeding of mosquitoes and other disease vectors. • Use covered and sealed storage for wastewater to prevent leaks and odors, while maintaining safe drainage systems to avoid contamination of nearby water bodies. • Provide clean and well-maintained sanitation facilities for workers, including toilets and washing stations. • The construction site security personnel must be trained and officially certified. • Control the driving speed of vehicles particularly when passing through a community or nearby school, health center or other sensitive areas. • If school children are in the vicinity, include traffic safety personnel to direct traffic during school hours, if needed. • The project site must be lit during the night. • The surrounding construction area should be kept clean, without		X		Visual inspection of control measures Traffic accident records Records of complaints	X			Contractor Consultant (Supervision)

Potential Risks and Impacts	Proposed Mitigation Measures	Phase			Indicators for monitoring	Frequency of Monitoring			Responsibility for implementation and monitoring
		Planning	*Construction*	*Operation*		Continuous	Monthly	Quarterly	
construction and traffic management.	waste disposed of there. The broken glass should be cleaned immediately to avoid any fires. • Following safety guidelines for transportation of hazardous materials to the site aiming to minimize the potential for spills and accidental human exposure due to traffic accidents. • Effective communication systems are needed to inform communities about project activities, potential risks, and emergency procedures. • Regular maintenance such as periodical control of vehicles to minimize potentially serious accidents caused by equipment malfunction or premature failure. • The public will be informed about the work to be carried out, including the measures taken regarding communicable diseases relating to labor influx and -post-disaster context (i.e., infectious disease outbreaks), using appropriate communication tools and methods (e.g., online/virtual and/or physically) in areas accessible to all stakeholders (including work sites). • In case of any epidemic or pandemic / communicable disease, including infectious disease outbreaks, the guidance, guidelines, and recommendations to be provided by the Ministry of Health, the Ministry of Family and Social Services, the Ministry of Labor and Social Security, and the World Health Organization (WHO) will be followed, and all relevant measures will be taken for both employees and workplaces in terms of OHS and CHS. In addition, all construction works will follow the World Bank guidelines to minimize the risk of infectious disease outbreaks transmission during the execution of civil works. • Include evacuation protocols, first aid training, and clear communication strategies in the ERP to protect community health and safety. • Any traffic diversions should take into account the needs of								

Potential Risks and Impacts	Proposed Mitigation Measures	Phase			Indicators for monitoring	Frequency of Monitoring			Responsibility for implementation and monitoring
		Planning	*Construction*	*Operation*		Continuous	Monthly	Quarterly	
	disabled persons. • The Contractor will ensure the construction site is properly secured and construction-related traffic regulated properly (including proper route planning). This will include but not be limited to: • Signposting, warnings, barriers, and traffic diversions: the site will be visible, and the public warned of all potential hazards. • Traffic management system and staff training, especially for site access and near-site heavy traffic. Provision of safe passages and crossings for pedestrians where construction traffic interferes. • Adjustment of construction-related transportation schedules to local traffic patterns, including avoiding major transport activities during peak traffic hours and school arrival and departure times, where practicable. • Active traffic management by trained and visible staff at the site, if required for a safe and convenient passage for the public. • Construction traffic and site access arrangements will take into account the proximity of Yahya Kemal Secondary School, Yahya Kemal Park, and Çetin Emeç Stadium, with particular attention to pedestrian safety, school arrival and departure times, and periods of increased activity at nearby sports facilities. • Safe pedestrian and vehicle access to surrounding public facilities, including Çetin Emeç Stadium, will be maintained throughout construction, as far as practicable. Any temporary access restrictions or traffic diversions will be planned in advance and communicated to relevant stakeholders. • The Contractor will coordinate with the Supervision Consultant and relevant local authorities to implement site-specific traffic management measures, including appropriate warning signs, barriers, and traffic control personnel where necessary, to minimize risks to pedestrians and other road users.								

Potential Risks and Impacts	Proposed Mitigation Measures	Phase			Indicators for monitoring	Frequency of Monitoring			Responsibility for implementation and monitoring
		Planning	*Construction*	*Operation*		Continuous	Monthly	Quarterly	
Water Quality and Wastewater: Water pollution in nearby surface waters due to wastewater/waste generated at the construction area due to construction activities	• The site will establish appropriate erosion and sediment control measures such as e.g. hay bales and/or silt fences to prevent sediment from moving off-site and causing excessive turbidity in nearby surface waters. • Minimize storage or disposal of generated wastewater on the site. • Temporary or final waste disposal and wastewater discharge without treatment near/in surface waters is strictly forbidden to prevent possible adverse impacts on surface waters. No soiled materials, solid wastes, toxic or hazardous materials should be stored in, poured into or thrown into water bodies for dilution or disposal. • Construction vehicles and machinery will be washed only in designated areas where runoff will not pollute natural surface waters. • Wastewater generated at the construction site will be connected to the sewerage system, if possible, and approved by local authorities. If this is not possible, it will be deposited in the septic tank that will be impervious, in accordance with "Regulation on Pit Opening Where Sewer System Construction is not Applicable" published in Official Gazette No: 13783 dated 19.03.1971. Toilets with temporary septic tank might be used for this purpose as well. Septic tank effluent will be removed periodically by sewage trucks, and disposal will be provided within the scope of the protocol to be made with the relevant municipality that has a licensed wastewater treatment plant (WWTP). The Protocol will be submitted to the IPCU. • Activities should not affect the availability of water for drinking and hygienic purposes. • The flow of natural waters should not be obstructed or diverted in another direction, which may lead to the drying up of river beds or flooding of settlements.		X		Visual inspection of control measures Septic tank effluent disposal records (if any) Effluent quality measurement records (if any) Records of complaints	X			Contractor *(Implementation)* Supervision Consultant

Potential Risks and Impacts	Proposed Mitigation Measures	Phase			Indicators for monitoring	Frequency of Monitoring			Responsibility for implementation and monitoring
		Planning	*Construction*	*Operation*		Continuous	Monthly	Quarterly	
	• Separate concrete works in waterways and keep concrete mixing separate from drainage leading to waterways.								
Soil and Groundwater Quality: Soil and groundwater pollution due to improper waste management and accidental spills, and soil erosion	• Apply the mitigation measures specified in the "Solid and Hazardous Waste" section for proper waste management. Residual (left out) concrete in concrete mixers will not be allowed to wash out into the construction site, its vicinity, or access roads of construction sites. Related trainings will be provided to concrete mixer drivers. • Hazardous and chemicals and materials will be secured in a designated storage area to prevent spillage and tip-over. • Semi-used chemical-containing containers will have lids and lids will be tightened while they are not in use. • In case of a spill of any hazardous material or hazardous wastes, spill prevention methods mentioned in ERP will be put in place in order to limit the exposure area. Workers who might intervene in such incidents should have relevant trainings on emergency response to spills. • Proper spill kits will be placed at appropriate locations in the construction area. • Schedule construction during the dry season, as appropriate. • Contour and minimize the length and steepness of slopes. • Cover with topsoil and re-vegetate (plant grass, fast-growing plants/bushes/trees) construction areas quickly once work is completed.		X		Visual inspection of control measures Incident records Training records Records of complaints	X			Contractor *(Implementation)* Supervision Consultant
Waste Management EHS risks due to inappropriate management of waste generated due to construction	• Excavation soil, construction and demolition waste Dumping Permit must be obtained from the Municipality. • Excavation waste will be re-used for backfilling purposes as much as possible and recovery and other re-use options will be considered as appropriate (except asbestos or asbestos-containing waste).	X	X		Visual inspection of control measures Waste generation	X			Contractor (Implementation) Supervision Consultant

Potential Risks and Impacts	Proposed Mitigation Measures	Phase			Indicators for monitoring	Frequency of Monitoring			Responsibility for implementation and monitoring
		Planning	*Construction*	*Operation*		Continuous	Monthly	Quarterly	
activities (such as construction demolition wastes, hazardous waste, biodegradable waste, recyclable waste, non-hazardous waste, etc.)	• Recycling and reusing materials during demolition and construction reduces demand for raw natural resources, indirectly supporting sustainable management practices. • The excess excavation waste shall be transported and disposed of separately by licensed transport vehicles to existing licensed excavation waste storage area(s), identified by the relevant governmental authorities, in the district/region. • On-site storage of wastes prior to final disposal (including earth dug for foundations) should be at least 300 meters from rivers, streams, lakes and wetlands. • After each construction site is decommissioned, all debris and waste shall be cleared. • Keep the records of waste generation and disposal.				and disposal records Training records Records of complaints				
	• Manage wastes in accordance with the waste management hierarchy (prevent, reduce, reuse, recycle, recover, dispose) and train personnel to raise awareness on waste management. • Temporarily storage on site of all hazardous or toxic substances will be in safe containers labelled in line with Material Safety Data Sheet (MSDS), with details of composition, properties, and handling information. • Segregate waste as recyclable, hazardous and non-hazardous waste. • Non-hazardous wastes, inert and biodegradable wastes and also recyclables must be collected separately, and special attention must be paid to prevent hazardous wastes in leak-proof container to prevent spillage and leaching in case of mixing with other types of waste. • Collect, store and transport waste to appropriately designated /controlled licensed disposal areas/facilities (such as excavation waste storage areas, sanitary landfills, recycling/recovery facilities, etc.). Submit an official letter to IPCU stating that these								

Potential Risks and Impacts	Proposed Mitigation Measures	Phase			Indicators for monitoring	Frequency of Monitoring			Responsibility for implementation and monitoring
		Planning	*Construction*	*Operation*		Continuous	Monthly	Quarterly	
	wastes will be accepted at licensed sites • Temporary waste storage area (to be established at the construction area) should be on impermeable ground, covered with a roof, and equipped with a suitable drainage system, proper spill kits and appropriate firefighting equipment. Wastes shall be temporarily stored in this area in separate compartments (labelled with waste codes) according to their types in order not to react with each other. Hazardous wastes shall be stored in the temporary waste storage area for a maximum of six (6) months and non-hazardous wastes for a maximum of one year. • Hazardous waste shall be transferred to a licensed disposal facility via licensed waste transportation companies, and recyclable wastes to a relevant licensed recycling/recovery facility. All protocols and waste logs shall be submitted to the IPCU. • Train workers on correct transfer and handling of fuels and other substances and require the use of gloves, boots, aprons, eyewear and other protective equipment for protection in handling highly hazardous materials.								
Stakeholder Engagement and Grievance Mechanism Construction-related complaints and temporary disruption to the local community including eligible property owners	• Follow the relevant measures suggested in the SEP. • Early liaison and effective communication shall be carried out with people who may be affected by the work of the contractor and supervision consultant. • Implementation of a program of ongoing liaison and respect for the local environment and residences shall be formed • The **supervision consultant will appoint a dedicated person**(s) accountable for community liaison who will be focused on engaging with the community to provide the appropriate information and to be the first line of response to resolve issues of concern. • The Project Grievance Mechanism shall be implemented through	X	X		Records of complaints Stakeholder engagement records		X		IPCU Contractor (Implementation) Supervision Consultant

Potential Risks and Impacts	Proposed Mitigation Measures	Phase			Indicators for monitoring	Frequency of Monitoring			Responsibility for implementation and monitoring
		Planning	*Construction*	*Operation*		Continuous	Monthly	Quarterly	
	the opening and closing of forms and complaints. • The names and contact telephone numbers and e-mail addresses of all site personnel with responsibilities for both supervision and management of the works will be displayed on the site information boarding. • Once planning consent has been obtained, formal contact will be established with the mukhtar of the neighborhood and those who could potentially be affected by the construction will be informed via mukhtar. This will include consultation with relevant E&S risk management instruments and identifying any particularly sensitive times of the day. • Outside normal working hours, security personnel will act as the main point of contact via a dedicated phone number. Security will alert the person(s) accountable for liaison if necessary (available 24 hours). • **All workers will sign/commit to and be trained on the Code of Conduct to** manage the potential adverse impacts on social cohesion and Sexual Exploitation and Abuse/Sexual Harassment (SEA/SH) risks. • Any complaints will be logged, fully investigated, and responded to quickly, advising what action has been taken. Complaints will be registered and reported to the Contractor, Training Consultant, Supervision Consultant and also IPCU. • **Public notice boards will be established at site entrances** during the Planning and Construction phases, providing relevant contact details of the for liaison including environmental matters. • Prior to the commencement of construction works, IPCU will coordinate with the relevant public authorities to ensure that the affected parking areas are cleared and formally handed over in accordance with the applicable administrative and lease arrangements, including the required advance notification and								

Potential Risks and Impacts	Proposed Mitigation Measures	Phase			Indicators for monitoring	Frequency of Monitoring			Responsibility for implementation and monitoring
		Planning	*Construction*	*Operation*		Continuous	Monthly	Quarterly	
	clearance periods. • Relevant stakeholders, including potentially affected parking users, will be informed in advance of changes in parking availability and access arrangements, in accordance with the Project Stakeholder Engagement Plan (SEP). • Any concerns or grievances related to parking arrangements, site clearance, or access restrictions will be registered, monitored, and addressed through the Project Grievance Mechanism (GM).								
Labor and Working Conditions: Risks associated with potential labor influx (such as child labor risks, gender-based violence and harassment, human rights risks, etc.) and other labor issues	• **Follow the relevant measures in Labor Management Plan (LM Plan) to be prepared by the Contractor** in accordance with project LMP. • Workers will be provided with information and documentation that is clear and understandable regarding their terms and conditions of employment such as their rights under national labor and employment law (which will include any applicable collective agreements). • Workers will be paid on a regular basis as required by national law and project LMP. • Workers will be provided with adequate periods of rest per week, annual holiday and sick, maternity and family leave, as required by national law and project LMP. • Workers will receive written notice of termination of employment and details of severance payments in a timely manner. • Workers will be employed on the principle of equal opportunity and fair treatment, and there will be no discrimination with respect to any aspects of the employment relationship. • Project workers, including specific groups of workers, such as women, people with disabilities and migrant workers will be provided with appropriate measures of protection and assistance in line with ESS2 of WB ESF. This process will be executed in		X		Visual inspection of control measures Health records Employee records Training records Records of worker's complaints	X			Contractor (Implementation) Supervision Consultant

Potential Risks and Impacts	Proposed Mitigation Measures	Phase			Indicators for monitoring	Frequency of Monitoring			Responsibility for implementation and monitoring
		Planning	*Construction*	*Operation*		Continuous	Monthly	Quarterly	
	accordance with the project LMP. • Workers are allowed to participate, or seek to participate, in workers' organizations and collective bargaining or alternative mechanisms. • Children under the minimum age of 18 will not be employed or engaged by the Contractor in connection with this sub-project. • Forced labor, which consists of any work or service not voluntarily performed that is exacted from an individual under threat of force or penalty, will not be used in connection with this sub-project. • Prior to commencement of any activities at the project site, a worker's GM will be established by the Contractor at the construction site for all workers to raise workplace concerns. Contact details of the worker's GM will be provided to workers during the induction training. • All workers will receive training about their rights under national labor and employment law and regarding the GM upon recruitment and before the implementation of the work. • Code of Conduct will be shared with project workers during employment. All workers are obliged to comply with the Code of Conduct and sign relevant documentation at the time of employment. • Movement in and out of the construction site will be controlled, and unauthorized access to the site will be prevented. • Contractor will confirm that workers are fit for work before they start work, paying special attention to workers with underlying health issues or who may be otherwise at risk. • The Contractor shall provide information and awareness of communicable diseases to workers. • The Contractor shall arrange safe drinking water, adequate toilet facilities for both genders, accommodation, rest and dining areas								

Potential Risks and Impacts	Proposed Mitigation Measures	Phase			Indicators for monitoring	Frequency of Monitoring			Responsibility for implementation and monitoring
		Planning	*Construction*	*Operation*		Continuous	Monthly	Quarterly	
	for the workers. • The Contractor shall provide a first aid kit with bandages, antibiotic cream, etc. or health care facilities, and shall identify and train an adequate number of workers to provide first aid during medical emergencies.								
Cultural Heritage Chance Find	• Effective communication with local authorities, heritage organizations, and the community will ensure proper handling of any cultural heritage • No disturbance of cultural or historic sites. • If encountered with any cultural heritage/assets during construction works (especially excavation and earthworks) apply the chance finds procedure (see **Error! Reference source not found.** of ESMF of the project).	X	X		Chance finds records		X		IPCU Contractor *(Implementation)* Supervision Consultant
Biodiversity: Potential risks to flora and fauna due to construction activities and improper waste management	• According to Planned Areas Development Regulations (published in the Official Gazette dated July 03, 2017, and numbered 30113 and Attachment: RG-31/12/2022-32060) for residential, trade, tourism, education, worship, health, and sports parcels: 1 tree per 30 m² of area outside the building footprint. If planting on the parcel is not feasible, trees must be planted in designated public areas per zoning plans Tree planting and the use of fire-resistant native plant species in landscaping projects can mitigate urban heat island effects while supporting ecological functions		X		Tree plantation records Screening Visual inspection of control measures			X	Contractor (Implementation) Supervision Consultant
Asbestos Management: Environmental, health and safety risks due to asbestos or asbestos-	• If asbestos or asbestos containing materials (ACM) are found at a construction site, they should be clearly marked as hazardous waste and managed according to a comprehensive Asbestos Management Plan (AMP). • The AMP should outline detailed procedures for the safe handling, containment, removal, and disposal of ACM, ensuring		X		Visual inspection of control measures Asbestos or ACM		X		Contractor (Implementation) Consultant (Supervision)

Potential Risks and Impacts	Proposed Mitigation Measures	Phase			Indicators for monitoring	Frequency of Monitoring			Responsibility for implementation and monitoring
		Planning	*Construction*	*Operation*		Continuous	Monthly	Quarterly	
containing materials	compliance with local and international regulations. • The asbestos should be appropriately contained and sealed to minimize exposure. • Prior to removal, if removal is necessary, ACM should be treated with a wetting agent to minimize asbestos dust. • If ACM is to be stored temporarily, it should be securely placed inside closed containers and clearly labelled.				removal records				

6. Roles and Responsibilities

The activities to be carried out under the Site-Specific Environmental and Social Management Plan (ESMP) and the parties responsible for these activities are presented in Table 2.

Table 2 Roles and Responsibilities

Responsible Party	Roles and Responsibilities
IPCU	• Hire/appoint one environmental, one social, and one OHS specialist to ensure the effective management and monitoring of environmental, social, and OHS risks in compliance with project requirements. • Through its environmental, social and OHS specialists; - Coordinate closely with local authorities, contractors, and community leaders to ensure alignment with project goals, environmental and social requirements, and stakeholder expectations. - Develop and maintain a centralized database to track the implementation of environmental and social mitigation measures, grievances, and monitoring data, ensuring accessibility and up-to-date information for reporting to the World Bank and other stakeholders. - Provide oversight, support, and quality control for field staff and contractors working on environmental and social risk management. - Ensure subprojects are screened against the Exclusion List (Table 5 of ESMF of the project). - Prepare E&S Screening Forms for each of the subprojects and submit them to the WB for approval. - For activities requiring ESMPs, prepare site-specific ESMPs by customizing the project level ESMP (Annex-3 of ESMF of the project) and submit at least first five (5) ESMPs for prior review and no objection by the WB for disclosure and consultation purposes. - Disclose and consult upon the WB cleared version of the site specific ESMPs prior to the initiation of the tendering process. Following the consultations, update the site-specific ESMPs to incorporate the outcomes of the consultations and submit it to the WB's clearance for tendering purposes. - Ensure all tender, bidding and contract documents include relevant E&S management provisions and references to relevant E&S instruments (i.e. ESMPs, SEP, LMP, etc.). - Ensure site-specific ESMPs are annexed to the relevant tendering documents. • Train central and field staff, as well as contractors, on implementing the ESMF and associated plans. • Prior to commencement of civil works, review and approve C-ESMP, LM Plan and E&S sub-management plans to be prepared by the contractor and ensure their implementation throughout the duration of subproject implementation. - Visit and monitor E&S performance of construction sites monthly and maintain all correspondences with governmental authorities. - Establish and maintain a grievance mechanism and resolve complaints at all levels. - Notify the World Bank of any serious E&S incidents within 48 hours and provide incident reports with root cause analysis and corrective actions within 10 days. - Oversee the implementation and monitoring of environmental and social mitigation measures.

	- Maintain documentation of progress and prepare consolidated reports for submission to the World Bank on a quarterly basis.
Supervision Consultants (Construction)	• Overseeing daily implementation and monitoring of environmental, social and health and safety (ESHS) mitigation measures, and report progress and ESHS performance of the sub-projects to the implementing IPCU monthly. • Ensure contractors comply with legislation, site-specific ESMPs and relevant E&S sub-management plans. • Maintain one OHS specialist and one Environmental and Social Specialist with relevant certification and/or experience in charge of E&S management, in line with the implementation arrangements defined in the Supervision Consultant's Terms of Reference and the specific needs of the sub-project. • Daily on-site monitoring of the implementation of E&S mitigation measures will be carried out by the Contractor's designated E&S personnel and verified through regular site visits by the Supervision Consultant. The IPCU will exercise oversight through review of site records, supervision reports, and monthly consolidated E&S performance reports submitted in Section 5.1.c. of IRP ESMF. • Prior to commencement of any construction works on site, in coordination with IPCU, review and approve C-ESMP, LM Plan and E&S sub-management plans prepared by the contractor and ensure their implementation throughout the duration of subproject implementation. All approved documents will be submitted to IPCU within 5 business days. Any deficiencies or non-compliances identified by IPCU will be communicated to the contractor by the supervisor, and the contractor will be required to address them within 15 business days. • Provide training to contractors on E&S and OHS measures. • In close collaboration with the IPCU, ensure effective implementation of the SEP at the site level. • When/where relevant, address grievances received from the stakeholders. • Inform the IPCU about serious E&S (including OHS) incidents immediately.
Contractors	• Prior to commencement of any civil works prepare C-ESMP, LM Plan and relevant E&S sub-management plans and submit these documents to the IPCU for their review and approval. • Maintain one full-time OHS specialist and one full-time Environmental and Social Specialist with relevant certification and/or experience in charge of E&S management throughout the construction period, in line with the staffing arrangements defined in the IRP ESMF and reflected in Table 1 and Table 3 of this ESMP. • Ensure implementation of and compliance with the Project's environmental and social mitigation measures as outlined in the C-ESMP, LM Plan and relevant E&S sub-management plans, and contract documents, and ensure adherence to national and local legislation. • Address construction-related grievances as per the GM procedure described in the Project SEP and escalate unresolved issues to Supervision Consultants/IPCU immediately. • Notify Supervision Consultant/IPCU through of any serious E&S incidents immediately. • Monitor site activities on daily basis and report on the E&S performance to supervision consultants/IPCU on monthly basis. • Provide regular training and capacity-building sessions for the workforce on, but not limited to, E&S risk management (labor rights and obligations under the LMP, Stakeholder engagement practices based on SEP requirements, ERP, OHS plan, community safety and traffic management plan, waste management plan, Code of Conduct, etc.)

7. Capacity Building and Training

The Contractor shall design and implement a structured training program for all project workers and relevant stakeholders. At a minimum, the following trainings will be delivered and repeated periodically:

- Environmental and Social Management & Occupational Health and Safety Induction Training – for all workers before starting site activities.
- Site Access and Orientation Training – including induction for visitors and orientation for newly mobilized workers.
- Traffic and Pedestrian Safety Training – covering movement of heavy vehicles, safe pedestrian crossings, and community-sensitive driving practices.
- Code of Conduct Training – addressing respectful workplace practices, sexual harassment prevention, and interaction with local communities.
- Gender-Based Violence (GBV), Sexual Exploitation and Abuse/Sexual Harassment (SEA/SH) Training – focusing on awareness, prevention, and survivor-centered response.
- Waste Management Training – segregation, storage, transport, and safe handling of construction and hazardous wastes.
- Emergency Preparedness and Response Training – including fire safety, evacuation drills, spill response, and first aid.
- Incident and Accident Reporting Training – procedures for immediate notification, root cause analysis, and corrective actions.
- Grievance Mechanism (GM) Training – how workers and community members can access and use the GM system.
- Stakeholder Engagement and Communication Training – for E&S staff and supervisors to ensure meaningful interaction with local communities.

The Contractor is responsible for organizing and financing these trainings, either internally or through external certified providers.

8. Implementation Schedule and Cost Estimates

An indicative cost schedule has been prepared for the mitigation and capacity building measures to be implemented throughout the Project.

Table 3 Indicative ESMP Implementation Budget[1]

Activity/Cost Item	Potential Cost (USD)
Full-time Environmental, Social & OHS Consultants	80.000,00 USD
Monitoring / Site Visits / C-ESMP Preparation	10.000,00 USD
Trainings, Awareness, Capacity Building	15.000,00 USD
Implementation of SEP & ESMP Measures	10.000,00 USD
Communicable Disease Prevention	5.000,00 USD
TOTAL	120.000,00 USD

[1] These indicative costs are covered under the Project budget and provided for planning purposes. Contractors shall reflect their own implementation costs in their bids.

9. Stakeholder Engagement and Grievance Mechanism

Stakeholder engagement is an inclusive and continuous process to be carried out throughout the Project lifecycle. It supports the establishment of strong, constructive, and responsive working relationships and is essential for the successful management of the Project's environmental and social (E&S) risks and impacts.

Within the scope of the Istanbul Resilience Project (IRP), a Stakeholder Engagement Plan (SEP) has been prepared to guide structured engagement with stakeholders, including the management and users of potentially affected or directly benefiting buildings. The SEP facilitates the management of stakeholder expectations and risks, helps reduce potential conflicts and delays, and ensures early, frequent, and transparent communication.

The SEP also establishes accessible and inclusive tools for affected people to raise concerns, suggestions, and grievances, enabling the Istanbul Project Coordination Unit (IPCU) and other responsible institutions to respond and manage issues effectively.

During project preparation, consultation meetings were organized with representatives from public institutions, local authorities, sports hall administrations, teachers, parents, and community members. In these meetings, the Project's financing sources, objectives, components, and eligibility criteria for building selection were presented. The concerns, questions, and feedback of participants were documented and reflected in the SEP.

Following the disclosure of draft version of this site-specific ESMP, and at least 7 business days after its public announcement, a public consultation meeting will be organized with the participation of supervision consultants, IPCU staff, and relevant stakeholders. The minutes of this consultation will be published on the IPCU's official website. Feedback from stakeholders will be incorporated into the final version of this ESMP and the final version of the ESMP will be annexed to the documents.

A dedicated Grievance Mechanism has been established to ensure that any grievances or requests related to subprojects financed under the IRP —raised by contractors, supervision staff, building users, or the community—are addressed in a timely, effective, and fair manner. The GM operates through multiple accessible channels, as detailed below:

Project-Specific Channels (IPCU)

- **Hotline (phone):** +90 (216) 505 55 00 (during working hours)
- **E-mail:** *info@ipkb.gov.tr*
- **Postal Address:** Istanbul Project Coordination Unit (IPCU), Kısıklı Mah. Alemdağ Yan Yolu Cad. No:6, 34692 Üsküdar/İstanbul
- **In-person:** Stakeholders may visit IPCU offices during working hours
- **Online Grievance/Suggestion Form:** *https://www.ipkb.gov.tr/sikayet-formu/*
- **Social Media Channels:**
  - Twitter: *https://x.com/ipkbgovtr*
  - Facebook: *https://www.facebook.com/ipkbgovtr*
  - Instagram: *https://www.instagram.com/ismepipkb/*
  - LinkedIn: *https://www.linkedin.com/company/ipkb*
  - YouTube: *https://www.youtube.com/user/IPKBirimi*
- **On-site Complaint/Suggestion Boxes:** These will be established at project sites and IPCU offices, once activities commence on site, ensuring anonymity and confidentiality.

National Channels

- **CİMER (Presidency's Communication Center):**
  - Website: *www.cimer.gov.tr*
  - Call Center: 150
  - Phone: +90 (312) 590 20 00
  - Fax: +90 (312) 473 64 94
  - Mail: Presidency of the Republic of Türkiye Directorate of Communications
  - In-person: Through provincial/district governorates and ministries
- **YİMER (Foreigners Communication Center):**
  - Website: *www.yimer.gov.tr*
  - Call Center: 157
  - Phone: +90 (312) 157 11 22
  - Fax: +90 (312) 920 06 09
  - E-mail: yimer@goc.gov.tr
  - In-person: At Directorate General of Migration Management offices
- **Istanbul Metropolitan Municipality (IMM) – White Desk (Beyaz Masa):**
  - Hotline: 153 (within Istanbul)
  - Online: *https://beyazmasa.ibb.gov.tr/*

World Bank Channels

- **World Bank Grievance Redress Service (GRS):**

  Project-affected people may submit complaints directly to the GRS if they believe they are adversely affected by a World Bank-financed project.
  - Website:*https://www.worldbank.org/en/projects-operations/products-and-services/grievance-redress-service*

- **World Bank Inspection Panel:**

  Communities and individuals who believe that they are or may be harmed by a project due to the World Bank's non-compliance with its policies may submit a complaint to the Inspection Panel. The Panel independently determines whether harm has occurred and communicates directly with the Bank.

All grievances received through these channels will be recorded, tracked, and responded to in accordance with the Project's Grievance Mechanism Procedures. Roles and responsibilities for managing grievances are described in detail in Section 7 of the SEP**.**

10.Contractor's Reference Documents

The Contractor is expected to utilize all Environmental and Social (E&S) documents prepared under the Istanbul Resilience Project (IRP). Following contract award, the Contractor shall further develop and customize this site-specific Environmental and Social Management Plan (ESMP), which has been prepared in outline by the IPCU experts for the respective subproject.

In addition to the C-ESMP, the Contractor shall prepare and submit site-specific sub-management plans as defined in Section 5 of this ESMP, based on the templates provided in the ESMF annexes.

These plans shall be prepared by the Contractor and submitted to the IPCU for review and approval prior to the commencement of construction activities.

All relevant template documents can be accessed through the IRP Environmental and Social Management Framework (ESMF) and its annexes (*see IRP ESMF*), which serve as reference documents for the Contractor.

11.Review and Approval

<table>
<tr><td colspan="2">PREPARED BY: Hande GÜLCAN
IPCU - Environmental Engineer, MSc
Date: 17/03/2026</td></tr>
<tr><td>REVIEWED BY: Aslıhan AL
IPCU – Urban Planner/Social Specialist
Date: 18/03/2026</td><td>APPROVED BY: Burak REİS
IPCU - E&S Team Leader
Date: 24/03/2026</td></tr>
</table>

ANNEXES

Annex 1. Site Photographs



Photo 1: Project Area Entrance



Photo 2: Project Area Entrance

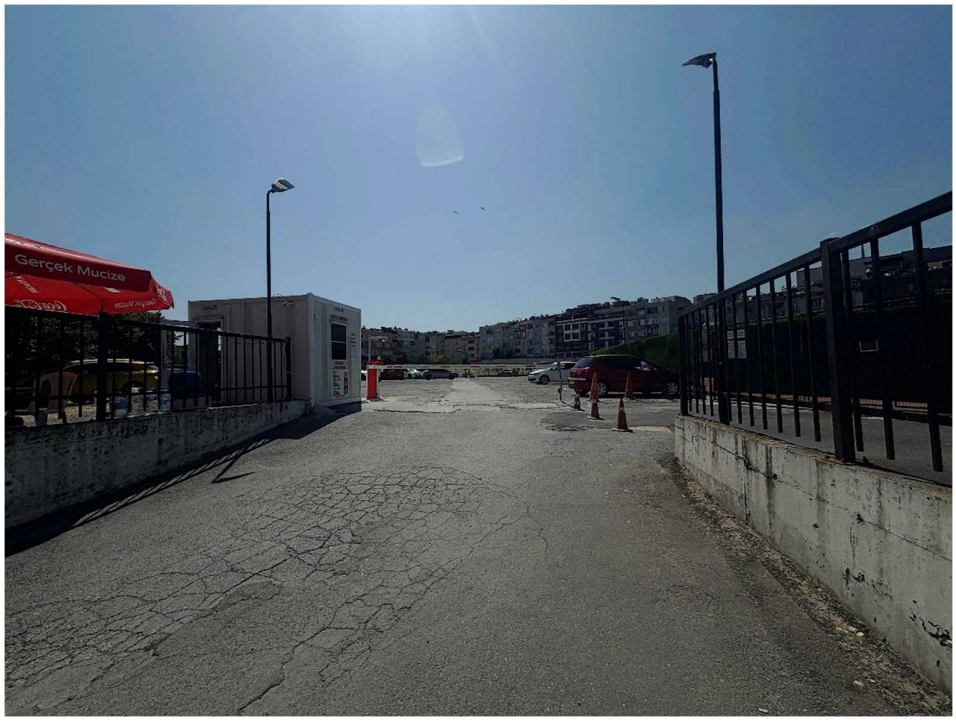


Photo 3: Project Area Entrance



Photo 4: Project Area





Photos 5-6: Project Area





Photos 7-8: Project Area





Photos 9-10: Project Area



Photo 11: Project Area



Photo 12: Project Area and Other Structure – Former Sports Hall Entrance (will be demolished)

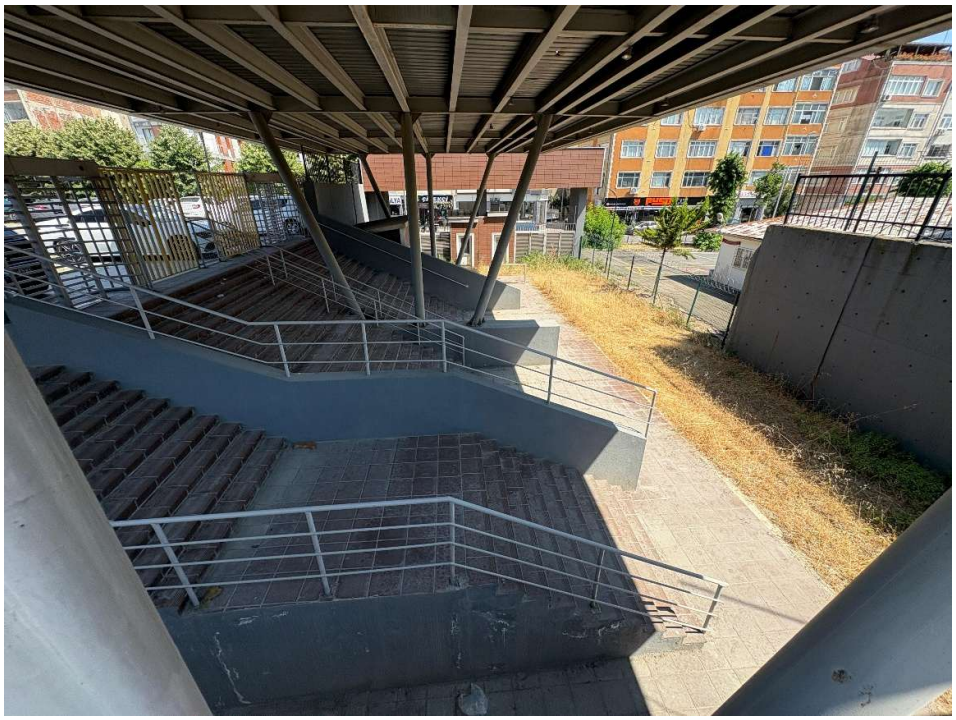


Photo 13: Project Area and Other Structure – Old Entrance (will be demolished)



Photo 14: Project Area and Municipal Official Vehicle Parking Area (to be demolished and debris removed prior to construction)



Photo 15: Project Area and Municipal Official Vehicle Parking Area (to be demolished and debris removed prior to construction)



Photo 16: Project Area - Drone Photos





Photos 17-18: Project Area - Drone Photos

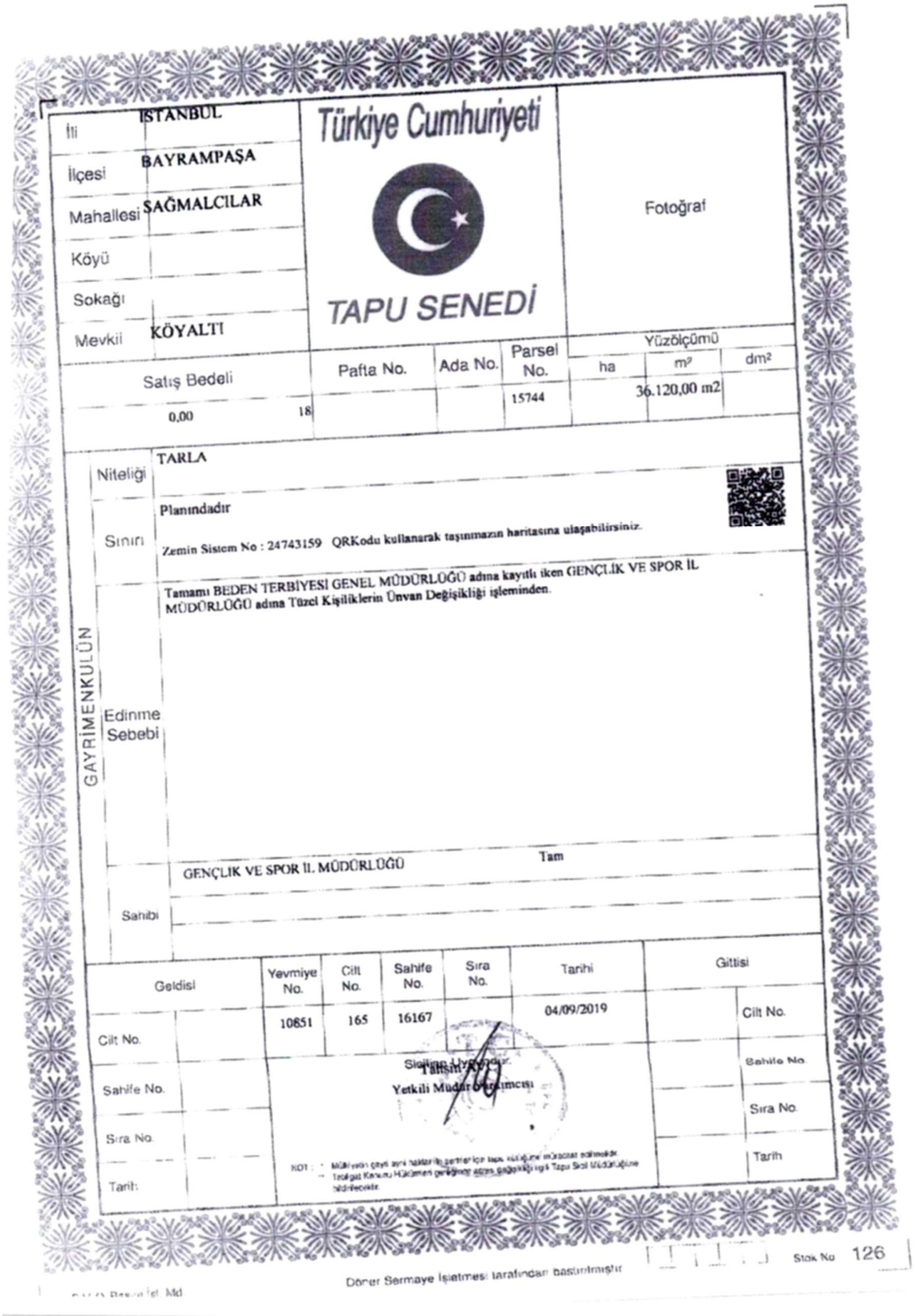
Annex 2. Aerial View of the Project Site and Surroundings





Area of Influence (AoI) of the project

Annex 3. Land Registration Documents



İli: İSTANBUL
İlçesi: BAYRAMPAŞA
Mahallesi: SAĞMALCILAR
Köyü:
Sokağı:
Mevkii: KÖYALTI

Türkiye Cumhuriyeti

TAPU SENEDİ

Fotoğraf

Satış Bedeli	Pafta No.	Ada No.	Parsel No.	Yüzölçümü ha	m²	dm²
0,00	18		15744		36.120,00 m2	

GAYRİMENKULÜN

Niteliği: TARLA

Sınırı: Planındadır

Zemin Sistem No : 24743159 QRKodu kullanarak taşınmazın haritasına ulaşabilirsiniz.

Edinme Sebebi: Tamamı BEDEN TERBİYESİ GENEL MÜDÜRLÜĞÜ adına kayıtlı iken GENÇLİK VE SPOR İL MÜDÜRLÜĞÜ adına Tüzel Kişiliklerin Ünvan Değişikliği işleminden.

Sahibi: GENÇLİK VE SPOR İL MÜDÜRLÜĞÜ Tam

Geldisi	Yevmiye No.	Cilt No.	Sahife No.	Sıra No.	Tarihi	Gittisi
Cilt No.	10851	165	16167		04/09/2019	Cilt No.
Sahife No.						Sahife No.
Sıra No.						Sıra No.
Tarih:						Tarih

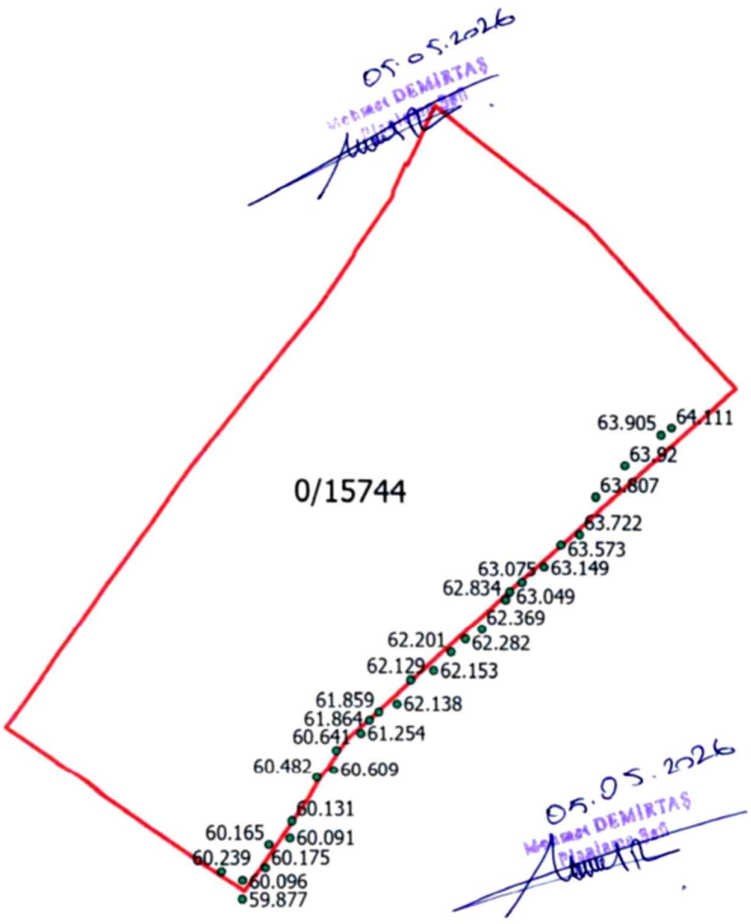
Tapuya Kayıtlıdır.
Yetkili Müdür Yardımcısı

NOT : Mülkiyeti çeşitli ayni haklarla ilgili şerhler için tapu müdürlüğüne müracaat edilmelidir.
Tevhid Kanunu Hükmünce geçmişteki eksik bağımsız için Tapu Sicil Müdürlüğüne bildirilecektir.

Stok No 126

Döner Sermaye İşletmesi tarafından basılmıştır

Annex 4.Topographic Survey



Annex 5. Zoning Status Letter

T.C.
BAYRAMPAŞA BELEDİYE BAŞKANLIĞI
İmar ve Şehircilik Müdürlüğü
İmar Durum ve Harita Şefliği

SAYI: 39353657-115.02.01-

Başvuru Sahibi : İmar Ruhsat ve Tesisat Bürosu

-İMAR DURUM BELGESİ-

İmar durumu ve inşaat şartları mer'i imar planı ile mer'i imar mevzuatına uygun olarak boş arsa için aşağıda gösterildiği şekilde tanzim edilmiştir.

Bu imar durumu ile yalnız proje tanzim edilebilir. İnsaat yapılamaz. İmar planında ve mevzuatta bir değişiklik olması halinde hiç bir hak iddia edilemez.

İmar mevzuatı hiyerarşisi esas alınarak, mer'i imar planı ve plan notları ile İstanbul İmar Yönetmeliği,Planlı Alanlar İmar Yönetmeliği, Otopark Yönetmeliği, Sığınak Yönetmeliği ve Afet Bölgelerinde Yapılacak Yapılar Hakkında Yönetmelik başta olmak üzere ilgili tüm mer'i imar mevzuatı hükümlerine göre uygulama yapılacaktır.

GENEL HUSUSLAR:

1. Bu belge, plan notları ile birlikte değerlendirilir.
2. Parsel bazında zemin ve temel etüt raporu onaylanmadan uygulama yapılamaz.
3. Donatı alanları kamu mülkiyetine geçmeden uygulama yapılamaz.
4. İmar Kanunu 23 üncü maddesi gereğince yol ve kanal durumu incelenmeden uygulama yapılamaz.
5. Plan notları şartlarının sağlanması durumunda çatı dairesi yapılabilir.
6. 02.01.2006 tarihli Revize İmar Planlarına esas Jeolojik-Jeoteknik etüt paftalarına göre Bölgesi: ÖA2

1/2500

DİĞER HUSUSLAR:

1. 15744 parsel ifraza tabiidir.
2. Sosyal ve Kültürel Tesis Alanında kalan alanda hmax: 9.50 m 'dir.
3. Planlama İşleri Şefliği'nin 05.05.206 tarihli yazı ekindeki su basman kotları kullanılacaktır.
4. 14/02/2024 tarihli ve 20240175598 sayılı İSKİ Atıksu İnşaat Dairesi Başkanlığının yazısına göre kapı, pencere, havalandırma/aydınlatma boşlukları, zemin altı otopark girişi vb. donatıların taşkın risk kotu üzerinde yapılması gerekmektedir.

Plan Notları

KROKİ EKTEDİR

Mer'i İmar Paftası: 24a-1d	Kat Adedi: Avan Proje	İnşaat Nizamı: AYRIK	
Plan Adı: Bayrampaşa Revizyon Uygulama İmar Planı	Bina Yüksekliği: Avan Proje	EMSAL: ---	
Plan Tasdik Tarihi: 21.11.2005 - 17.10.2023 22.07.2025 - 15.12.2025	Bina Derinliği: Avan Proje	İnşaat Alanı Emsali:	TAKS : ---
Plan Ölçeği: 1/1000	Ön Bahçe Mesafesi: Avan Proje		KAKS : ---
İlçesi: BAYRAMPAŞA	Yan Bahçe Mesafesi: Avan Proje	İfraz Şartları	Cephe: ---
Mahallesi: ALTINTEPSİ	Arka Bahçe Mesafesi: Avan Proje		Alan: ---
Sokağı: UYGUR CADDESİ	Kot Alınacak Nokta: Mer'i İmar Planı ile Yönetmelikler	---	

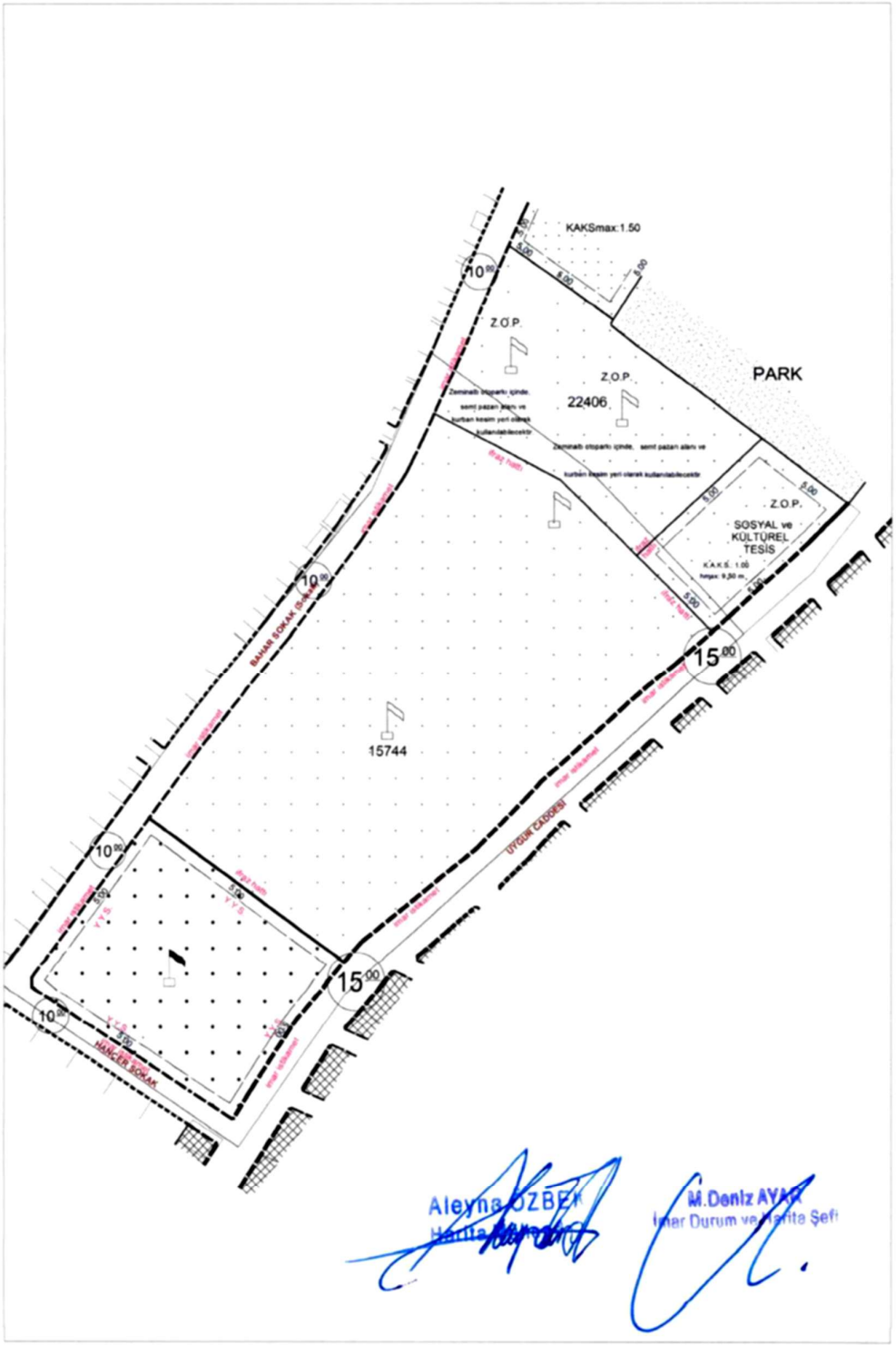
Pafta	Ada	Parsel	Alan
18/7	---	15744	36.120,00m²

İmar durumu kadastro paftası ve yürürlükteki imar mevzuatına uygun olarak tanzim edilmiştir.

Plan Fonksiyonları:

A -SOSYAL VE KÜLTÜREL TESİS ALANI.
B -ZAMİN ALTI OTOPARKI ALANI.
C -AÇIK SPOR TESİSLERİ ALANI.
D -KAPALI SPOR TESİSLERİ ALANI.
E -Toptan Ticaret ve Depolama Alanları.
F - Kamu Kuruluş Alanları.
G- Sağlık Tesisleri Alanı.
H - Özel Sağlık Tesisleri Alanı.
I - .....
J - .....

Aleyna ÖZBEK Harita Mühendisi Raportör 05 / 05 / 2026 İmza	Mustafa Deniz AYAR İmar Durum ve Harita Şef 05 / 05 / 2026 İmza	Samet YALÇIN İmar ve Şehircilik Müdürü 05 / 05 / 2026 İmza


KAKSmax:1.50
Z.O.P.
Z.O.P.
22406
PARK
Z.O.P.
SOSYAL ve KÜLTÜREL TESİS
15744
BAHAR SOKAK (SİLİVRİ)
ÜTÜCÜK CADDESİ
HANCER SOKAK
10.00
15.00
Aleyna ÖZBEK
M.Deniz AYAK
İmar Durum ve Harita Şefi