Exhibit E – Safety and Security Table

Disclaimer: This Exhibit is provided for informational purposes only. It is not intended to be a comprehensive study of all possible risks across every NYCHA building, nor are the risk mitigation steps all-inclusive. Project Developers must make their own judgment of risks and establish an appropriate plan that mitigates safety and security issues that may arise.

Category	Type of Risk	Risk Description	Mitigation Category: Physical, Design, or Management	Potential Risk Mitigation Steps by EV Charging Project Developer/Owner
Vandalism & Other Property Theft or Damage Concerns	Damaged or Stolen Equipment from On-Site Action	Equipment intentionally damaged, defaced, or stolen with the physical action originating from on-site access to the parking lot	Design, Physical	Restrict access to "high-value" components like charging cables and internal components. Create physical boundaries to prevent cutting or removing components.
				Where feasible, consider designing and building critical equipment above reachable heights or belowground where possible.
				Design system as charging station area is well-lit. Good lighting at the charging station helps prevent theft and vandalism by making it easier for police, cameras, and security to spot and stop suspicious activity.
				Use braided or cut resistant cables.
				Add bollards or curbs to protect chargers from being damaged by vehicles.
				Highly visible signage about electrical safety risks is recommended.
			Management	Proactive system monitoring will help identify issues (will show under-performance due to missing or damaged equipment).
				Networked chargers would provide charger level tracking and troubleshooting, though typically with added costs.
	Stolen Conduit and Wiring	Equipment could be stolen	Design, Physical	If conduit is physically attached to surface structures, use locking or tamper-proof bolts. Consider designing for all buried conduit.
				Highly visible signage about electrical safety risks is recommended.
			Management	Proactive system monitoring will help identify theft quickly.
Safety of Residents, Employees, Visitors, & Contractors	Electrical Hazard - parking areas	Installation of additional electric equipment presents the potential for electric safety hazards if the equipment is not properly installed and secured	Physical	Highly visible signage about electrical safety risks is recommended.
				Add fencing with a locked access to any electrical infrastructure that supports the EV charging stations (e.g., transformers, switch gear service panels)
	Electrical Hazard - Interconnection	There are electrical shock hazards if interconnection equipment is not securely locked with posted signage of the hazards, to discourage uncertified personnel from operating it	Physical	Highly visible signage about electrical safety risks is recommended.
	Trip Hazard	Electric vehicle charging equipment, such as the chargers or electrical conduit, will be located on the grounds where they could become a tripping hazard	Physical	Clearly mark conduit runs or the locations of equipment that could create a tripping hazard.
				Use retractable cords or other cord management methods intended to eliminate tripping hazards.