

East Side Coastal Resiliency Construction Update

CB3 Parks Committee Meeting
Virtual Meeting
June 10, 2021

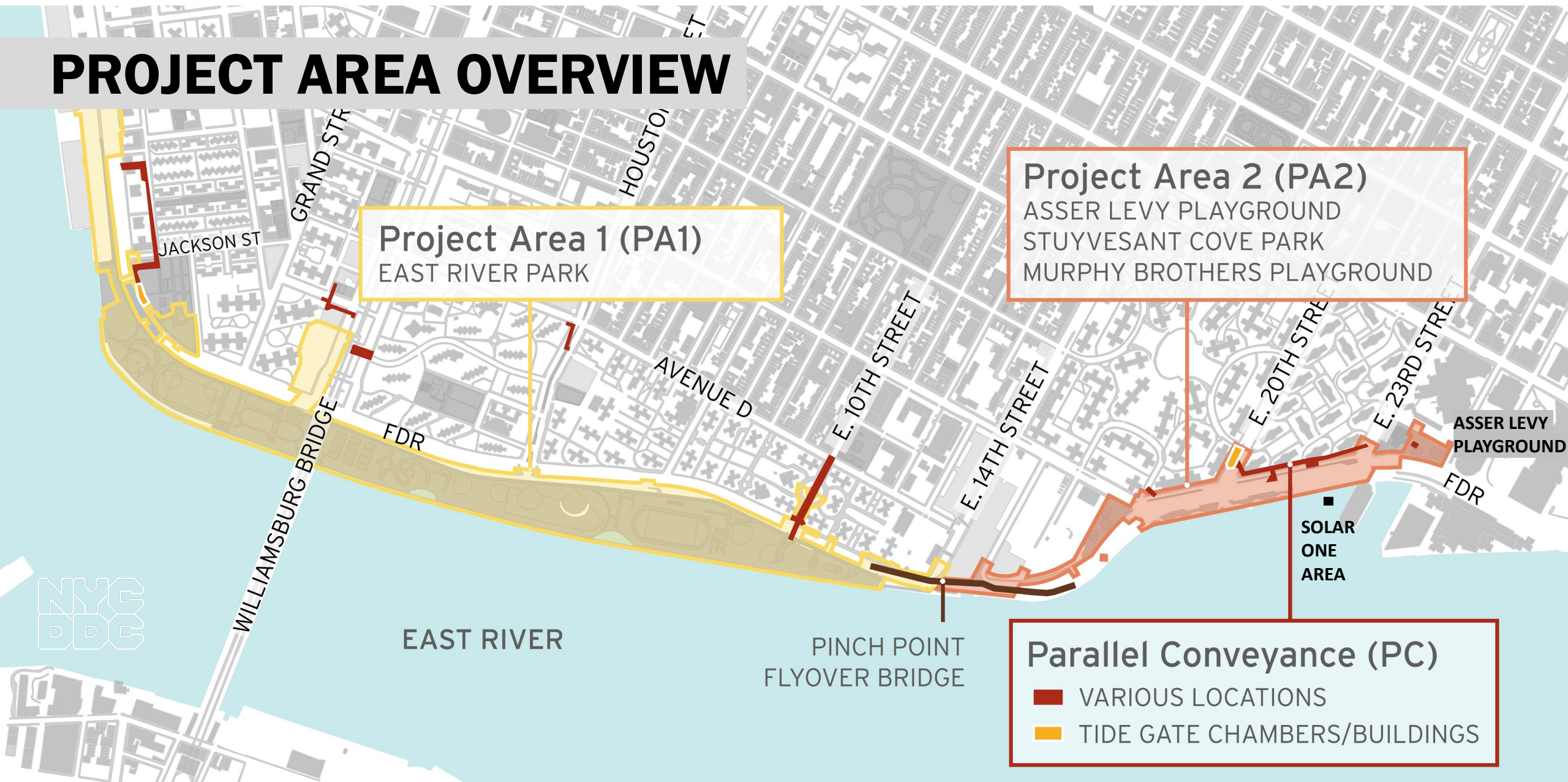


Mayor's Office of
Resiliency

HIGHLIGHTS

- Overview of Contracts
- Community Engagement
- Parks Interim Recreation Update
- What We've Heard
 - Funding
 - Compost

PROJECT AREA OVERVIEW



OVERVIEW OF CONTRACTS

Project Area 1 (PA1)

- contract awarded to apparent low bidder
- East River Park open through Summer 2021

Project Area 2 (PA2)

- in construction on phase 1
 - Asser Levy Playground & Stuyvesant Cove Park Solar One Area

Parallel Conveyance (PC)

- bid advertisement in coming weeks

PA2 | CONSTRUCTION PROGRESS

ALL WORK IS SUBJECT TO CHANGE

Typical Construction Activities	PA2: Phase 1 Work Locations (see map below)					Estimated Task Completion Date
	1	2	3	4	5	
	Stuyvesant Cove Park Solar One Area	E 23rd St. under FDR Drive	FDR Drive East Service Road	FDR Drive West Service Road	Asser Levy Playground	
A. Test Pits						Q2 2021
B. Utility Work		(T&P)	(T&P)	(P)		Q2 2021
C. Pile Installation					(P)	Q3/4 2021
D. Flood Wall Foundation	(P)					Q3/4 2021
E. Concrete Flood Wall						Q4 2021
F. Site Restoration						Q1/Q2 2022

LEGEND

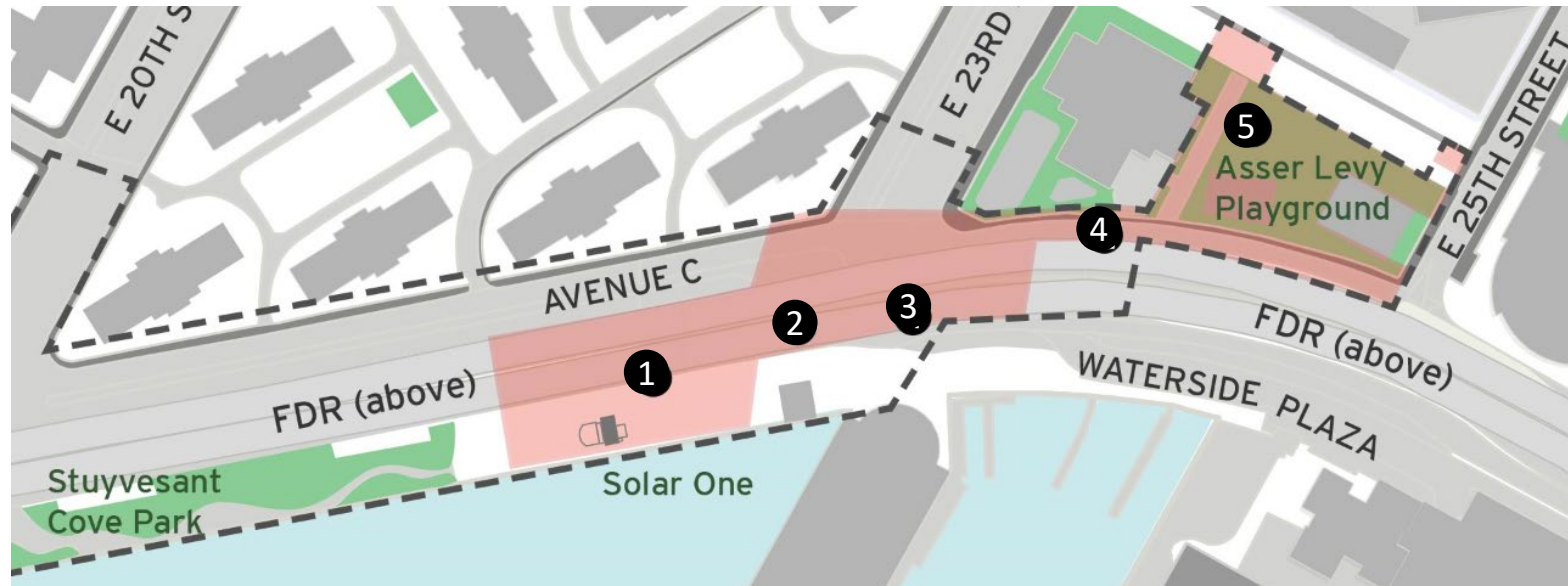
(T) Traffic / (P) Pedestrian Detours

NEAR COMPLETION

IN PROGRESS

★ NIGHT WORK

ALL WORK SUBJECT TO CHANGE



PA2: ANTICIPATED ACTIVITIES

ALL WORK IS SUBJECT TO CHANGE

COMPLETED

- Construction signage at Asser Levy & Solar One
- Air & Noise Monitoring equipment installation
- Greenway rerouting signage
- Decorative construction fencing mesh – phase 1
- Night Work on FDR West Service Rd between E 23rd & E 25th St. water main & sewer work

IN PROGRESS

- Traffic detour & utility work E 23rd Street at East Service Road under FDR Drive
- Daytime Pile Driving adjacent to Solar One building in Stuyvesant Cove Park & at Asser Levy Playground
- Site preparation for flood wall foundation adjacent to Solar One

UPCOMING

- Daytime Pile Driving under the FDR Drive at E 23rd Street
- Utility relocation misc. areas



PA2 | SITE PHOTOS



- Sheet piles: Asser Levy Playground

PA2 | SITE PHOTOS



- Site preparation for flood wall foundation: North End of Stuyvesant Cove Park near the E. 23rd Street entrance and Solar One Building

COMMUNITY ENGAGEMENT

NEWSLETTER TRANSLATION

ESCR Noticias

Resiliencia Costera del Lado Este

www.nyc.gov/escr
Primer Trimestre de 2021



Resiliencia Costera del Lado Este

El proyecto East Side Coastal Resiliency (ESCR) es una iniciativa de protección costera financiada conjuntamente por la ciudad de Nueva York y el Gobierno Federal, con el objetivo de reducir el riesgo de inundaciones de las tormentas costeras y el aumento del nivel del mar. El proyecto ESCR protegerá a 110,000 neoyorquinos de los impactos del cambio climático, y reduce el riesgo de inundaciones en comunidades, propiedades, negocios, infraestructura crítica y espacios públicos. Además de ofrecer protección contra inundaciones, el proyecto fortalecerá y mejorará los espacios frente al mar del Lado Este de Manhattan, mejorando la accesibilidad, aumentará la diversidad ecológica y traerá mejores servicios recreativos a una comunidad vibrante y muy diversa. El proyecto es el más grande entre los proyectos de infraestructura y técnicamente el más complejo en la historia de la ciudad de Nueva York.

ESCR crearán un sistema de protección contra inundaciones de 2.4 millas que consistirá en muros contra inundaciones y compuertas que están diseñadas para integrarse en la estructura de la comunidad al integrarse con las calles locales, el elevado del parque Río Este (East River Park) y el nuevo paisaje que rodea los parques / áreas de juegos en Corlears Hook, Murphy Brothers, Stuyvesant Cove y Asser Levy. El proyecto también involucrará inversiones significativas con mejorar los drenajes interiores subterráneos que mejorarán la capacidad del sistema de alcantarillado.

así como calles locales alrededor de la planta eléctrica de Con Edison en la calle Este 15. Este trabajo se dividirá en tres fases principales durante los próximos años, y la una y media de las instalaciones recreativas dentro de PA2 permanecerán accesibles al público en todo momento. La primera y actual fase de construcción de PA2 se centra en el área de Asser Levy y las áreas debajo del FDR Drive en la calle Este 23, y adyacente al edificio Solar One en el norte del parque Stuyvesant Cove.

Área de Proyecto 2

La construcción en el área del Proyecto 2 (PA2) de ESCR abarca el trabajo entre las calles Este 15 y Este 25 e incluye los parques / áreas de juegos en Asser Levy, Stuyvesant Cove, Murphy Brothers,

Para construir la protección contra inundaciones en el corazón de este proyecto, toda la construcción en PA2 seguirá una secuencia similar de tareas. El primer paso es la movilización de la construcción y la preparación

ESCR News

East Side Coastal Resiliency

www.nyc.gov/escr
Primer Trimestre de 2021



East Side Coastal Resiliency

(东面岸区抗灾能力)

The East Side Coastal Resiliency (ESCR) 项目是一项岸区保护计划，由纽约市和联邦政府联合资助，旨在降低因沿岸风暴和海平面上升而导致的洪水风险。透过降低社区、财产、企业、主要基础设施和公众户外空间的洪水风险，ESCR 项目将保护 110,000 名纽约居民免受气候变化的影响。除了提供防洪功能外，该项目亦将透过改善可用性、增加生态多元，以及为充满活力和高度多样化的社区提供更好的娱乐设施，藉以加强和改善曼哈顿东区的海滨区域。ESCR 项目是纽约市历史上规模最大、技术最繁复的基础设施项目之一。

ESCR 将建立一个 2.4 英里的防洪系统，此系统由防洪墙和防洪闸组成，设计的用意是藉着与本地街道、康士东河公园，以及 Corlears Hook 公园、墨菲兄弟游乐场、Stuyvesant Cove 公园和 Asser Levy 游乐场等周围的新景观进行整合，这融入而成为社区规划的一部份。此项目亦将涉及对地下内部排水系统的重大投资，以提高下水道系统的容量。

第2项目区

ESCR 第2项目区 (PA2) 的建设包括东 15 街和东 25 街之间的工程，包括 Asser Levy 游乐场、Stuyvesant Cove 公园、墨菲兄弟游乐场以及东 15 街 Con Edison 设施周围的本地街道。在接下来的数年，

这项工程将分为三个主要阶段，而期间 PA2 内的一个半娱乐设施将仍始终可供公众使用。PA2 的第一阶段和当前建设阶段的重点是 Asser Levy 游乐场和东 23 街 FDR Drive 下的区域，毗邻 Stuyvesant Cove 公园北端的 Solar One 大楼。

工程顺序

为了建设此项目的核心防洪设施，PA2 的所有建设都将遵循类似的工序计划。第一步是施工动员和场地准备，然后是公用设施搬迁/升级。这个项目的下一个任务是桩的安装。一旦桩安装完成，我们就可以开始墙基施工和防洪墙施工。最后的任务将是公园和道路重建。第一

ESCR News

East Side Coastal Resiliency

www.nyc.gov/escr
Primer Trimestre de 2021



East Side Coastal Resiliency

The East Side Coastal Resiliency (ESCR) project is a coastal protection initiative, jointly funded by the City of New York and the federal government, aimed at reducing flood risk due to coastal storms and sea level rise. The ESCR project will protect 110,000 New Yorkers from the impacts of climate change by reducing flood risk to communities, properties, businesses, critical infrastructure, and public open spaces. In addition to providing flood protection, the project will strengthen and enhance waterfront spaces on Manhattan's East Side by improving accessibility, increasing ecological diversity, and delivering improved recreational amenities to a vibrant and highly diverse community. The ESCR project is among the largest and most technically complex infrastructure projects in New York City's history.

ESCR will create a 2.4 mile flood protection system that will consist of floodwalls and floodgates that are designed to blend into the fabric of the community by integrating with local streets, the elevated East River Park, and the new landscape surrounding Corlears Hook Park, Murphy Brothers Playground, Stuyvesant Cove Park, and Asser Levy Playground. The project will also involve significant investments in underground interior drainage improvements that will improve the capacity of the sewer system.

Project Area 2

Construction in ESCR's Project Area 2 (PA2) encompasses work between East 15th and East 25th Streets and includes Asser Levy Playground, Stuyvesant Cove Park, Murphy Brothers Playground, as well as local streets around the East 15th Street Con Edison facility. This work will be broken into three main phases over the next several years, with one and a half of the recreational facilities within PA2 remaining accessible to the public at all times. The first and current construction phase of PA2 is focused on Asser Levy Playground and the areas under the FDR Drive at East 23rd Street, and adjacent to the Solar One building in the north end of Stuyvesant Cove Park.

Work Sequence

In order to build the flood protection, the heart of this project, all construction in PA2 will follow a similar sequencing of tasks. The first step is construction mobilization and site preparation, followed by utility relocations/upgrades. The next task on this project is pile installation. Once the piles are installed, we can begin wall foundation construction and flood wall construction. The final task will be park and roadway reconstruction. Quarter 1 focused on mobilization, site preparation, and utility relocations/upgrades.

ESCR News

East Side Coastal Resiliency

www.nyc.gov/escr
Primer Trimestre de 2021

PARKS INTERIM RECREATION UPDATE

WHAT WE'VE HEARD

- **Compost:** update from DSNY, Parks & City Hall
- **Funding:** for amphitheater cover, flyover bridge, and Murphy Brother's comfort station secured per Mayor's Office
- **Quarterly Environmental Report:** under review

Mayor de Blasio Announces Funding for Amphitheater, Public Restrooms, Greenway Bridge in Ambitious East Side Coastal Resiliency Project

June 10, 2021

NEW YORK—Mayor Bill de Blasio today announced almost \$140 million in new City funding to add more community amenities as part of East Side Coastal Resiliency (ESCR), the world-leading effort to protect Manhattan's east side from the worst effects of climate change. The funding will support new public restrooms, a new amphitheater, and in a separate capital project, a \$129 million flyover bridge to elevate the Manhattan Greenway over its narrowest point along the East River.

<https://www1.nyc.gov/office-of-the-mayor/news/422-21/mayor-de-blasio-funding-amphitheater-public-restrooms-greenway-bridge-ambitious>



East Side Coastal Resiliency

The East Side Coastal Resiliency (ESCR) project is a coastal protection initiative, jointly funded by the City of New York and the federal government, aimed at reducing flood risk due to coastal storms and sea level rise on Manhattan's East Side from East 25th Street to Montgomery Street. The boundaries of this project correspond with the natural "pinch-points" in the 100-year floodplain: areas where the land is higher along the coastline, making it easier to close the system off from water entering from the north and south. The project design integrates flood protection into the community fabric, improving waterfront open spaces and access, rather than walling off the neighborhood. Construction on the East Side Coastal Resiliency project will begin in Fall 2020 and continue through 2025.

Construction Progress

Construction Notices
View our most recent community presentations for updates as we prepare for upcoming construction activities.

Resiliency & Flood Protection

Resiliency and Flood Protection

Learn more about ESCR's resiliency and the forward-thinking flood protection measures being implemented to protect 110,000 New Yorkers from the impacts of climate change.

Project Background & Goals

Project Background and Goals

Read about the history and background of ESCR, and the goals driving this technically complex infrastructure project.

Project Design

Project Design

From flood protection measures to bike lanes and ball fields, the ESCR project is improving open spaces and access in the Lower East Side while strengthening the city's coastline.

NEED MORE INFORMATION?

VISIT US AT:
www.nyc.gov/escr