

North/West Battery Park City Resiliency Project (NWBPCR) Community Meeting Questions & Answers: Summer 2024

Answers included in this document represent those provided during the NWBPCR Project public meeting of June 20, 2024. Information has been updated as appropriate.

Comment	Topic(s)	Location - Reach	Response
Do all buildings have all plans? Do all residents Know?	Building Plans		BPCA is currently and will continue to coordinate with all buildings impacted by construction work. Outreach-wise, in advance of its public meetings on the project, BPCA sends postcards to every address in Battery Park City, as well as to those addresses in buildings along the project's path in Tribeca. BPCA also regularly attends Manhattan Community Board 1 meetings, as well as meetings with building management companies, condo boards, tenant associations, and more. Information about the North/West Battery Park City Resiliency Project can be accessed anytime at: https://bpca.ny.gov/nwbpcr/ .
What are the work hours?	Construction hours		Throughout New York City, construction is permitted to occur from 7AM to 6PM on weekdays, though work is usually complete by roughly 3:30 PM each day. Work may take place at other times only if the site has a construction permit from the City. BPCA will communicate with residents and other local stakeholders if there is a need to conduct work outside normal weekday construction hours and required permits have been obtained
What are the Street closures	Construction impacts		The final construction phasing schedule is still being developed. Once this is finalized, we will communicate any street closures via multiple channels, including direct communications to the Community Board, impacted building's management, as well as BPCA's website and social media.
What are the least impacts to residents?	Construction impacts		The final construction phasing schedule is still being developed. Once this is finalized, we will communicate any construction impacts via multiple channels, including direct communications to the Community Board, impacted building's management, as well as BPCA's website and social media.
I still wish you would build the new wall on the road instead in order to remove the placard parking lot (it is an eyesore!) and this would prevent Rockefeller Park playground dismantling because it would not be necessary.	Wall location - River Terrace	Reach 3 - Rockefeller Park	We understand your concern. The team has done extensive analysis to determine the preferred alignment to provide critical flood protection to the community, while maintaining as many street trees as possible and minimizing construction where there are existing utilities, which would be more complicated, take longer, and cost more
Please retain its current closed design. It is my happy place where I escape the city every day to reflect and find myself again.	Pumphouse Park	Reach 5 - North Cove	In consideration of this and other similar feedback, the current design is closer in nature to the more intimate feel of the current park.
Ned Smyth sculpture, "The Upper Room": Long and valuable contribution to the character and interesting street life. Unique and memorable Will it be removed/ restored/reinvented? I hope that a new “folly” equally inventive and compelling could be its replacement.	Removal/Restoration - South Esplanade	Reach 6 - South Esplanade	Given the metes and bounds of the flood barrier system, as well as the space required to operate and maintain it, Upper Room cannot remain in its current location. Based on conversations with the artist, Ned Smyth, the work also cannot be moved. BPCA is in discussions regarding the future of the western terminus of Albany Street, as well as ways Mr. Smyth and other beloved public artists can contribute to Battery Park City’s future. Public art has been a fixture of Battery Park City since its creation, and will continue to be in our newly flood resilient neighborhood.
Since concrete seems to be an inevitability, can it be rusticated and a cool palette? Something that references the granites and the characteristics of BPC. Tonight the team showed a warm- almost pink palette. That is very contradicting to the elegant, cool grays that is the emblematic of BPC. Samples- Can you please start sharing samples of the concrete wall patterns and finishes?	Aesthetics		The precast color is derived from the Stony Pink Granite that is present all around the site. Graphically, this color reads very warm, but the actual tone is cool. The design team will propose bringing control samples to future meetings.
Can the team look at using pre-cut concrete? This is more environmentally friendly and may really help reduce noise impact that P.I.P concrete will engender. The composition of the concrete mix is critical so that the concrete will not crumble and deteriorate over time. Precut is generally more durable.	Materials		The opportunity to use pre-cast concrete for this project is limited due to a number of factors: 1. A large quantity of concrete is used for the floodwall foundations, which have to be poured on-site. 2. Another large quantity of concrete is in the FBS wall. Given the size and the thickness of the wall, pre-cast concrete elements would be fairly big and difficult to maneuver in a constrained area (weight constraints on platforms, lifting distances etc.). In addition, using smaller segments will create many additional joints, which is not desirable for a flood barrier system. However, wherever possible and economical, the PDB team is evaluating the use of pre-cast concrete (e.g. concrete benches, planks for platforms, etc.).
I'm still not sure about how the deployables will work and how it will impact 80 N Moore St. I don’t believe everyone will evacuate. Also I hope you will do a walkthrough of 80 N Moore to see that there is no access to an alternate exit when flood gates are deployed.	Deployables	Reach 1 - West St Crossing / Tribeca	We understand that egress is a critical consideration during all project phases. We will continue to work with all residential buildings and agency stakeholders to develop a system and emergency response plan to ensure that appropriate accommodations for access and egress are provided.

Exhibition Area	Comment	Topic(s)	Response - (Ensure responses are consistent with transcript answers)
Materials	Ensure that the paving stones are permeable.	Flood Mitigation	Permeable pavers are integrated into the project where appropriate to reduce stormwater runoff.
	Ensure paving stones can withstand extreme heat.	Durability	Comment noted, thank you. The design team is working to balance aesthetics with durability and sustainability on the project as a whole.
	What is the purpose of the recurve?	Flooding Protection	The recurve will be utilized to provide maximum flood protection while minimizing wall height.
	The rendering of the wall is unattractive.	Aesthetics	Thank you for your comment.
	Will water affect the wood on the benches?	Durability	Current plans include a thermally modified wood option that can withstand moisture.
	I don't like the “dusty pink” color of the wall but cannot pinpoint why.	Aesthetics	The color of wall is derived from the Stoney Creek Pink Granite on site. Material samples may be provided in future meetings, but the intent is to replicate the hue and saturation of the existing stone on the site.
	All paver stone options look too manufactured. A more natural looking stone would be preferred.	Aesthetics	Comment noted. Thank you.
	There should be material consistency throughout the site for aesthetic appeal.	Aesthetics	Materials along the esplanade at the water's edge remain consistent throughout the project area.
	Playful details should be incorporated throughout the design.	Aesthetics	Comment noted.
	Would like renderings to be superimposed on real images to better understand the changes being made.	Community Engagement	We are always evolving our graphics to provide the best representation of the project. For this meeting, we provided QR codes so residents could visualize the space while looking at the renderings. We will keep this feedback in mind in future community engagements.
	The bars and stools are not currently used at the waterfront. Adding loungers would be better enjoyed by the community.	Built Environment	Thank you for your comment. The proposed design offers a range of seating conditions for different users – including loungers – with the understanding that residents, workers, and visitors have different preferences. Both bar seating and lounge seating at the adjacent Pier 26 are very well used.
	Do not change the current feel of BPC. Keep the “old school” NY vibe while protecting it from flooding.	Aesthetics	Comment noted, thank you. The design team continues to work to refine the material palette in a way that is both flood resilient and presents a balance of existing and new design elements.
	When we show existing photo vs. new visuals, we should show similar data labels (i.e. existing wall height vs. new wall high).	Community Engagement	We are always evolving our graphics to try and provide the best representation of the project. We will keep this feedback in mind in future community engagements.
	We should really take out any DFE numbers from visuals – people get constantly confused.	Community Engagement	We are always evolving our graphics to try and provide the best representation of the project. We will keep this feedback in mind in future community engagements.
	It is still unclear for people in R6 that only the platform topside is being adjusted and not the waterfront area.	Community Engagement	Design staff answered this question specifically using materials provided.
	View comparisons from inside the buildings along the new FBS in R6 requested couple of times	Community Engagement	Comment noted. Thank you. The design team continues to study the flood wall’s impacts to interior views.
	Think you are misleading the public in the bench chart by highlighting the World Fair Benches and not the unpopular concrete benches.	Community Engagement	All bench typologies being used in the project were included at the table.
	Received again some questions if you still can get out of Independence Plaza if the System is deployed in case of emergency (we answered that but this is a community concern)	Operations	We understand that egress is a critical consideration during all project phases. We will continue to work with all residential buildings and agency stakeholders to develop a system and emergency response plan to ensure that appropriate accommodations for access and egress are provided.
	Can there be more granite incorporated into the design?	Aesthetics	Comment noted, thank you. The overall materiality of the project is still under study and refinement.
	Can the neighbors have a say on the finish and tones of the wall?	Flood Barrier System	As practicable, we will share samples of wall patterns and finishes with the community once they are closer to being finalized.
	What will be the flood barrier system finish, look, and feel? Can the public see as sample of the color?	Flood Barrier System, Community Engagement	The color of wall is derived from the Stoney Creek Pink Granite on site. Control samples may be provided in future meetings, but the intent is to replicate the hue and saturation of the existing stone on the site in a pattern that modulates along the face of the wall.

	What are the dimensions of the different kinds of benches? Only the World Fair benches are illustrated on the rendering.	Community Engagement	The current dimensions of benches are being evaluated as we advance design.
	The materials and furnishing design should be more like Pier 26 and Gansevoort Pier.	Aesthetics	Thank you for your comment.
Biodiversity	Dislike the wall: unattractive, lacks style and aesthetic, appears institutional.	Aesthetics	We are continuing to refine the wall design based on community feedback and critical flood protection requirements.
	Preserve removed trees: prioritize diversity, different sizes preferred.	Trees	Tree removal is minimized to the greatest extent possible, but some trees still must be removed to construct the Flood Barrier System. The planting approach prioritizes diversity in species, age, and sizes of trees.
	Tree growth and view blocking: schedule work inclusively for those working from home or retired.	Trees	Every effort will be made to condense construction schedules, including construction encompassing the entirety of one reach at one time. How often this can be accomplished will depend on a variety of factors, including equipment availability and siting opportunities as well as other site conditions. For example, construction in the Brookfield Place and North Cove Marina must be conducted in phases because of these considerations.
	Porous pavers and cartridge filters: excited about their use.	Design considerations	Thank you for your comment.
	Biodiversity boards online: request for availability.	Community Engagement	The Biodiversity boards (and all boards from the June 20 community meeting are available on the dedicated North/West Battery Park City Resiliency Project page. Direct link to the biodiversity boards is as follows: https://media.bpca.ny.gov/wp-content/uploads/2024/07/31104237/Exhibition-Boards-June-2024.pdf#page=22
	Tree replacement preference: avoid small caliber trees.	Trees	Thank you for your comment. The planting approach prioritizes diversity in species, ages, and sizes of trees.
	What is the plan's resilience to Super Storm Sandy?	Modeling	This project is designed to offer flood protection for the 2050s 100-year storm, inclusive of sea level rise as projected by the New York City Panel on Climate Change’s 3 rd report. Such protection would address storms like Superstorm Sandy.
	Tree planting: clarification on planting seeds or adult trees.	Trees	New trees at a range of sizes will be sourced from nurseries and transported to be planted on site.
	Green infrastructure effectiveness: concern over cost versus benefits.	Concerns	Green infrastructure is integrated into the project where necessary and beneficial to reduce flooding.
	Wall extension to Lake Street: safety concerns post-Sandy incident in underground parking lot.	Flooding	Areas north of North Moore Street (i.e. Lighthouse Point) are beyond the scope of the North/West Battery Park City Resiliency Project. These areas are subject to ongoing work by the Army Corps of Engineers for flood protection along the west side of Manhattan as part of the NY & NJ Harbor & Tributaries Focus Area Feasibility Study (HATS).
	Community member from Independence Plaza thinks the wall looks too much like concrete.	Aesthetics	We are continuing to refine the wall design based on community feedback and critical flood protection requirements.
	A community member was interested in writing a story and was interested in learning what the public can do from a private perspective towards creating green infrastructure	Community Engagement	A number of buildings throughout Battery Park City are implementing localized storm resiliency measures, sustainability/green infrastructure measures, or both. You can contact your building’s management for more information. As part of its overall Sustainability Plan, the Battery Park City Authority is engaged in a number of initiatives to put the neighborhood on path to carbon neutrality by 2050. Read more about BPC Sustainability here: https://bpca.ny.gov/nature-and-sustainability/sustainability/
	There was a community member who lives on Lighthouse Point and wants that block protected (she mentioned that “water during Sandy swept away a person”).	Flooding	Areas north of North Moore Street (i.e. Lighthouse Point) are beyond the scope of the North/West Battery Park City Resiliency Project. These areas are subject to ongoing work by the Army Corps of Engineers for flood protection along the west side of Manhattan as part of the NY & NJ Harbor & Tributaries Focus Area Feasibility Study

Trees	How many trees are being removed?	Trees	The team is looking for every possible opportunity to save the maximum number of trees. The number of trees to be removed is currently being evaluated and continues to be studied as the design progresses. The current design indicates that there are approximately 420 trees which are impacted and must be removed. This includes trees that are not healthy. The current design also indicates that 380 new trees will be planted, and the total landscaped area project-wide will be increased by over 30%.
	Why do the trees in front of Gateway have to be removed?	Trees	We must replace the platform in this area to support the Flood Barrier system and to be more resilient for flooding. Therefore, some tree removal will be required, and those that are removed will be replanted where feasible.
	Why do some areas require a slope?	Design	To make the area universally accessible.
	Why are you removing trees that don't have to be removed?	Trees	A lot of thought was put into which trees need to be removed, with the goal of preserving healthy trees whenever possible. All tree removals are necessitated by the construction of the project.
	Will we be able to access the plaza?	North Cove, Accessibility	The final construction phasing schedule is still being developed, but yes, there will be significant construction in Battery Park City throughout the project. Once this is finalized, we will communicate any construction impacts via multiple channels, including direct communications to the Community Board, impacted building's management, as well as BPCA's website and social media.
	Do not take down the trees.	Trees	The team is working to minimize tree removals to the greatest extent possible.
	I am very encouraged and excited. I live on Albany Street. I love it, but I cannot see the river.	Concerns	Thank you for your comment.
	Do you know the amount of construction it will be?	Construction Impacts	The final construction phasing schedule is still being developed. Once this is finalized, we will communicate any construction impacts via multiple channels, including direct communications to the Community Board, impacted building's management, as well as BPCA's website and social media.
	Will we be living in a construction zone?	Construction Impacts	The final construction phasing schedule is still being developed, but yes, there will be significant construction in Battery Park City throughout the project. Once this is finalized, we will communicate any construction impacts via multiple channels, including direct communications to the Community Board, impacted building's management, as well as BPCA's website and social media.
	How much noise will be made during construction?	Construction Impacts	There will be noise during construction. Sound mitigation measures will be implemented to minimize impact. When the final construction phasing schedule is complete, we will communicate any construction impacts via multiple channels, including direct communications to the Community Board, impacted building's management, as well as BPCA's website and social media.
	It is misleading that there aren't specific renderings for the Gateway building.	Community Engagement	Thank you for your comment. The design team continues to study the FBS wall in this area, and views may be provided in future meetings.
	Are the barriers going on both sides of the street or one side?	Flood Barrier System	Only on one side.
	How far in the future will this design protect us?	Modeling	We are protecting against the 2050s 100-year storm, inclusive of sea level rise as projected by the New York City Panel on Climate Change's 3 rd report. We are also prioritizing the adaptability of the designs to minimize the need for significant construction in the years thereafter, should the wall need to be built higher.
	We survived Sandy, 911, everything. I think it is a waste of money. If it floods, 2 days later, it will run over.	Flooding	Thank you for your comment.
	How would you feel if you lived here? We have 40 year old trees here that we want to keep.	Trees	The team is working to minimize tree removals to the greatest extent possible.

	What are people with dogs going to do during construction.	Construction Impacts	The only dog run that will be impacted is the one located at Kowsky Plaza. The other dog runs located east of the Esplanade will remain open.
	You are destroying our neighborhood. We pay a lot of money to live here.	Concerns	Thank you for your comment.
	Our trees are going, the garden is going. We have no space. Once the trees are down, it will become hotter.	Trees	The team is working to minimize tree removals to the greatest extent possible, and the total landscaped area project-wide will be increased by over 30%.
	They are doing nothing down at the South Street Seaport and that is where the flood water came through.	Flooding, South Battery Park City Resiliency Project	The Seaport Coastal Resilience Project (SPCR), led by the Mayor’s Office of Climate and Environmental Justice and the NYC Economic Development Corporation, is now in the Data Collection and Conceptual Design Phase, and scheduled to be constructed from 2026-2028. SPCR’s aim is to protect against tidal flooding and frequent storms. More information about SPCR is available here: https://www.nyc.gov/site/lmcr/progress/seaport-coastal-resilience-project.page Longer-term, the Financial District and Seaport Climate Resilience Master Plan is aimed at addressing both storm surge and tidal flooding (as are both the North/West and South Battery Park City Resiliency Projects.) More information about the FiDi Seaport Master plan is available here: https://www.nyc.gov/site/lmcr/progress/financial-district-and-seaport-climate-resilience-master-plan.page
	Where will people go with their kids?	Construction Impacts	Playgrounds in Teardrop Park and West Thames Park, as well as the new Pier 26 Science Playground in Hudson River Park, will remain open throughout construction, as well as the majority of the lawn at Rockefeller Park and the BPC Ballfields. Although the Kowsky Plaza playground and the Rockefeller Park playground will be impacted, construction phasing, once finalized, will help determine for how long those play areas will be closed. In addition, there may be some opportunities to create new, temporary public open spaces during construction.
	Why not give up the parking lot and put the wall there?	Design Considerations, Flood Barrier System	The preferred alignment of the flood barrier system was developed after extensive analysis and urban design considerations.
	What type of trees are you planting to replace the ones being removed?	Trees	There will be all types of trees and different kinds of species that are better suited for the environment. To read more about biodiversity in Battery Park City, see here: https://bpca.ny.gov/nature-and-sustainability/biodiversity/
	How many years will it take for these new trees to reach maturity?	Trees	Tree growth rate varies based on tree species, location, solar exposure, and other site-specific conditions. The trees planted on the project will vary in size and maturity to balance providing shade with maximizing resiliency and long-term ecosystem health.
	It is appreciated that so many existing trees are kept at Brookfield Place.	North Cove, Trees	Thank you for your comment.
	The existing Linden trees smell wonderful this time of year. I would hate to see them removed.	Trees	The team is working to minimize tree removals to the greatest extent possible.
	What do you mean when you say “impacted trees?” If you mean removed, say removed.	Trees, Community Engagement	Thank you for your comment.
	Which trees are staying and which are being removed along River Terrace?	Rockefeller Park, Trees	This answer was provided in-person through materials provided.
	Why can't the wall be located in the parking lane to protect the trees?	Flood Barrier System	The team is working to minimize tree removals to the greatest extent possible and has done extensive analysis to determine the preferred alignment, which included maintaining as many street trees as possible and minimizing construction where there are existing utilities, which would be more complicated, take longer, and cost more
	We love the tulips at Belvedere Plaza and want to make there will continue to be planted and incorporated into planting along the FBS.	North Cove, Planting	Thank you for your comment.
Reach by Reach	The city approved wider entrance at West Side Highway.	Design Considerations	Thank you for your comment.
	Concerns were expressed about view obstruction and property value depreciation.	Design Considerations	The team is working to minimize all view obstructions.
	There was confusion about the renderings. What is existing versus what are the proposed changes?	Community Engagement	This answer was provided in-person through materials provided.

	Concerns were made about the difference between cloudburst and superstorm resilience.	Flood mitigation	Both superstorms such as hurricane type storms like Sandy and cloudburst type events which are high intensity short duration storms were considered in the project for flood resiliency.
	A community member residing in CB1 expressed concern that the Dining Grove feels enclosed.	Design Considerations	The picnic grove adjacent to Pumphouse Park is to be protected in place with the exception of the low portion of FBS wall along the esplanade side of the grove.
	A community member expressed concern about the environmental impact of cement usage.	Materials, Environmental Impact	The team is carefully considering materials to provide adequate flood protection while minimizing the project's carbon footprint.
	A community member expressed concern about the loss of artistic elements (marble, fountains).	Built Environment, Aesthetics	Thank you for your comment.
	Disappointment was expressed about the lack of unique features.	Aesthetics	Comment noted, thank you.
	Enlarged planting line is liked in the Esplanade.	Reach 6: Trees	Thank you for your comment. We are increasing the planted area by over 30% within the project area.
	The tree line for South Cove was not liked by one resident claiming it is blocking too much natural light.	Reach 7: Trees	Thank you for your comment. The team has updated and will continue refining the planting design to enable views out to the water while maintaining shade and cover for the esplanade, especially during the hot months.
	Esplanade plaza wall replacement is liked because of the open area shown in the proposed renderings.	Reach 5: Design Consideration	Thank you for your comment.
	The shade from the new planting in Esplanade Plaza is appreciated.	Reach 5: Trees	Thank you for your comment.
	Leave all walkways open by Rockefeller Park and don't change it.	Reach 3: Design Consideration	Thank you for your comment.
	South Cove regatta area walkway and corner grove is well liked. Materials for these areas are also liked but more details are requested.	South 7: Aesthetics	Thank you for your comment. As we continue to refine the materials in each area we can provide more details.
	Requests plants/vines edge esplanade vines/plants on top of the awning.	Trees	Thank you for your comment.
	There is preference to keep acorn trees, while others are ok with their removal.	Trees	Thank you for your comment.
	Concrete should not be used to build the wall for durability concerns.	Materials	The team is carefully considering materials that provide adequate flood protection while minimizing the project's carbon footprint.
	How long will materials and finishes last? Durability is important.	Materials	The design team is carefully considering the balance of aesthetic appeal with durability in a flood condition.
	A community member who lives at Independence Plaza loves the existing water features and granite at Reach 5.	Reach 5: Aesthetics	Thank you for your comment.
	A suggestion was made to start construction from the south and move reach by reach to the north without simultaneous work in multiple reaches.	Construction Timeline	The final construction phasing schedule is still being developed. There will be work performed simultaneously on various Reaches, but the order in which this will occur has not yet been finalized.
	Business owners of the boats in the marina are all looking for a slip or two and a narrow access to the slip from anywhere. Business is not affected by Reach 5 being closed or construction barges in the marina.	Reach 5: Accessibility	BPCA is working with the PDB team to evaluate if construction safety considerations will allow the use of a slip or two during construction.
	Will the dust and noise impacts be similar to those at the South Battery Park City project?	Construction Impacts	Construction impacts from the North/West Battery Park City Resiliency Project will be more fully detailed as part of the Draft Environmental Impact Statement (DEIS) coming later this summer. Subsequently, BPCA will host a public hearing about the DEIS on Wednesday, September 18, 6PM at Stuyvesant High School.
	Liked the proposed plantings and design on North Moore St. and in front of BMCC on R9A. This is an improvement over what is there now.	Reach 1: Plantings	Thank you for your comment.

	Are residents in 80 N. Moore going to be trapped inside when the gates in front of the lobby are closed?	Reach 1: Deployables	We understand that egress is a critical consideration during all project phases. We will continue to work with all residential buildings and agency stakeholders to develop a system and emergency response plan to ensure that appropriate accommodations for access and egress are provided.
	Can Independence Plaza residents access their building in case of an emergency during deployable closures?	Reach 1: Operations	We understand that egress is a critical consideration during all project phases. We will continue to work with all residential buildings and agency stakeholders to develop a system and emergency response plan to ensure that appropriate accommodations for access and egress are provided.
	The choice of wood in walkways in North Esplanade should be considered to avoid having a slippery walkway, like at Piers 25 and 45.	Reach 2: Design Considerations	Comment noted, thank you. The design team is proposing a different finish, which discourages standing water on board surfaces and thereby minimizes slippery conditions.
	In Hudson River Park, there's a manhole that "flies" open when there's too much wave action, which feels dangerous.	Reach 2: Built Environment	The project proposes to pressure-proof select manhole covers to prevent the covers from being dislodged/removed during storm surge events. Pressure-proofing the manhole covers entails locking the covers down in advance of the storm.
	The walkway looks narrow- it gets very busy as lots of people use this area.	Reach 2: Design Considerations, Accessibility	The existing walkway at Reach 2 is 14'-6". The new design proposes widening this pathway to 20'-0". A primary motivation to extend this walkway is to decrease the congestion among users of this portion of the Esplanade.
	There is a lack of awareness of the construction timeline for the people moving into apartments here.	Reach 2: Community Engagement	The final construction phasing schedule is still being developed. Once this is finalized, we will communicate any construction impacts via multiple channels, including direct communications to the Community Board, impacted building's management, as well as BPCA's website and social media.
	Why can't the existing wall be used as is? What will the impact be to River Terrace?	Reach 3: Construction Impacts	The existing wall is not structural, nor was it designed to provide flood protection. It would not provide the protection required by the project standards.
	What will be the impact to the trees by the basketball court and the street trees at River Terrace?	Reach 3: Construction Impacts	The team has selected an alignment for the flood barrier system that minimizes construction impact to existing trees along River Terrace and enables future replanting of trees along the sidewalk. Please refer to the Tree Impact drawings for more detailed information on specific trees along River Terrace. See here: https://media.bpca.ny.gov/wp-content/uploads/2024/07/30174638/11x17_Tree-impact-table-materials.pdf
	It would be nice to have handball court and swings area by the basketball court reconstructed and improved.	Reach 3: Design Considerations	Thank you for your comment. The existing swings and handball court areas are not anticipated to be disturbed by the construction of the Flood Barrier System.
	Will the concrete wall adjacent to the stone cladding wall remain in place?	Reach 3: Design Considerations	The existing wall will be removed and will be replaced by the Flood Barrier System.
	The stone edge detail should be made more visible to bring the feel of the stone wall back by reusing as much material as possible.	Reach 3: Design Considerations	Thank you for your comment.
	It is very nice to have planting along River Terrace. Happy that most street trees are preserved.	Reach 3: Trees	Thank you for your comment.
	Why was the seating at the basketball court changed from the stepped seating that was previously shown?	Reach 3: Seating	Due to space and accessibility constraints the team has updated the design to include 1 row of seating near the basketball courts area.
	Will the Lily Pond and ducks stay?	Reach 3: Built Environment	The Lily Pond will be preserved as a part of this project.
	A suggestion was made to include a section to explain the elevation changes to walkways.	Reach 3: Community Engagement	Thank you for your comment.
	Two people liked the sliding gate in front of the Lily Pond.	Reach 3: Deployables	Thank you for your comment.

	Why is the wall intruding into the playground space. Why can't the existing wall be used or why can't the flood wall cantilever from the existing wall?	Reach 3: Flood Barrier System	The existing wall is not designed to provide flood protection.
	What is staying and what is getting built? I think using a diagram of showing existing and proposed extents for each reach would have been helpful here to explain.	Reach 3: Community Engagement	Thank you for your comment. We will work to develop clearer side-by-side graphics for future public presentations.
	How will construction impact the playground?	Reach 3: Construction Impacts	During the course of construction, there will be open spaces and parks accessible during construction. The Battery will reopen in 2026. We'll have Wagner Park, Rockefeller Park, and then a number of other open spaces and parks that will be accessible both within Battery Park City and in areas adjacent to Battery Park City. We have a very strong commitment to ongoing communication during the course of construction. We will have a structure set up for how we maintain regular communications with the community and we'll provide frequent construction briefings and resources available for continuous updates for the community during construction.
	Will the ferry terminal remain operational during construction?	Reach 4: Construction Impacts	The ferry terminal will remain open throughout construction. There will be slips that cannot be utilized while construction is ongoing, but operations will continue throughout.
	Concerns were expressed about cobblestone removal in front of the Irish Hunger Memorial.	Reach 4: Construction Impacts	The cobble stone strip in front of the Irish Hunger Memorial poses an accessibility challenge for people with disabilities and has been noted as an issue in previous public meetings for this project. Since this area will be impacted by the construction of the Flood Barrier System, the project will not be introducing new cobble stone areas in the project.
	A community member appreciated the plantings and design shown in the renderings hoping that it will look as good in reality.	Reach 4: Plantings, Community Engagement	Thank you for your comment.
	What will be the impact of the wall height in the Plaza in front of the Irish Hunger Memorial?	Reach 4: Flood Barrier System	The Flood Barrier System wall will be at the same height as the existing stone wall and balustrade at the Lily Pond in front of the Irish Hunger Memorial.
	Irish Hunger Memorial Plaza space is used for temporary programming, it is good to see that it's being kept open.	Reach 4: Design Considerations	Thank you for your comment.
	How long will Reach 5 be closed, specifically, the plaza area and the marina?	Reach 5: Construction Impacts	The final construction phasing schedule is still being developed. Once this is finalized, we will communicate any construction impacts via multiple channels, including direct communications to the Community Board, impacted building's management, as well as BPCA's website and social media.
	The additional shade and water-facing seating opportunities are nice.	Reach 5: Built Environment	Thank you for your comment.
	Why isn't the water feature being replaced?	Reach 5: Built Environment	The water feature was removed to create more space for accessibility and planting.
	This is an opportunity to make it even more beautiful, the wall could be even more sculptural.	Reach 6: Flood Barrier System, Aesthetics	Comment noted and appreciated. Thank you.
	Concerns were voiced regarding the closing of the Esplanade at Gateway.	Reach 6: Construction Impacts	Unfortunately, the Esplanade adjacent to Gateway Plaza will need to be closed during construction. Once the construction phasing schedule is finalized, we will communicate any construction impacts via multiple channels, including directly to Gateway's Tenant Association and Building Management.
	Will the restaurant stay or go?	Reach 6: Construction Impacts	The design, when complete, will still allow for a restaurant to be sited here. Accessibility from the Esplanade and views of the water will exist once construction is complete, although views will be modified from what exists today due to the presence of the FBS. The restaurant will also be impacted during construction: The outdoor area will be closed for the entirety of this phase of construction while interior access will be maintained, although

			entry may be limited to one entryway, depending on construction phasing which has yet to be finalized.
	Why is the "immersive" path curved? Can it be straight?	Reach 6: Design Considerations	The immersive path is curved to encourage slower traffic and discourage bike and faster methods of micromobility.
	How does the curvature impact accessibility?	Reach 6: Design Considerations, Accessibility	A central goal of the North/West Battery Park City Resiliency Project is to achieve Universal Accessibility. The maximum slope for walks is 1:20, which is less than an ADA wheelchair ramp and does not require handrails.
	Does the curvature create more opportunities for planting trees?	Reach 6: Design Considerations, Trees	Yes, the curvature helps to provide more room and soil volume for trees.
	Will there be a loss of trees in the middle of the Esplanade?	Reach 6: Trees	Unfortunately, trees will require removal from the center row of the Esplanade to allow for the construction of the floodwall. However, the revised alignment will preserve several trees that otherwise would need to be removed. We continue to focus our efforts on preserving healthy trees in the project area
	A suggested feature is the addition of vines, like the other existing pergola.	Reach 7: Plantings	Thank you for your comment.
	Could the columns be chambered in the direction of the water to maximize views even more?	Reach 7: Design Considerations	The width and geometry of the columns is designed to maximize views while meeting the structural requirements.
	Losing existing trees on the north edge of the South Cove is upsetting.	Reach 7: Trees	The team is working to minimize tree removals to the greatest extent possible
	How long will it take for the plants to grow into what is show in the new design on the North edge/slide-ups?	Reach 7: Trees	Tree and plant growth varies by species, location, and other site-specific considerations. Specifically, along the FBS on the north side of the South Cove, the proposed planting shows grasses, shrubs, and perennials, which are, by nature, faster-growing, and can have a positive visual impact within one or two full growing seasons, depending on installation timing.
	How can we make the slide-up gates a little “prettier”? Art or a cover? Can we plant taller in front of them? Think about reflection of heat from south facing metal surfaces.	Reach 7: Aesthetics	Thank you for your comment, the project team is considering treatments and visual impact of gates throughout the project area.
	It would be nice to have more trellis structures for shade in other parts of the project too.	Reach 7: Built Environment t	Thank you for your comment
	It's great to see the pergola partially preserved.	Reach 7: Built Environment	Thank you for your comment
	I love the reuse of granite in pavement near seating areas, it makes it feel special and reminds us of the existing materials we like. It also feels “naturalistic” placed this way. Make sure it’s accessible.	Reach 7: Aesthetics, Accessibility	The entire project aims to achieve Universal Accessibility. The maximum slope for walks is 1:20, which is less than an ADA wheelchair ramp and does not require handrails.
Overall Design	I appreciated the redesign – it clearly reflected prior community feedback.	Community Engagement	Thank you for your comment.
	Please maintain water views wherever possible.	Design Considerations	Thank you for your comment.
	Who makes the call to shut down major roadways like Route 9A, and how will everyone be notified?	Operations	In the case of a major coastal storm, the City of New York would activate its emergency storm response plan, which could include the temporary closure of Route 9A in consultation with New York State and other partners as appropriate, BPCA’s efforts in activating the deployable components of its resiliency projects (North/West BPC, South BPC, and the BPC Ball Fields & Community Center) would be closely coordinate with the City’s overall response. Notification to the public would be made via Notify NYC (https://portal.311.nyc.gov/article/?kanumber=KA-01082) and all other available communication means.
	Why spend money now on flood protection meant for storms in 50-100 years?	Flood prevention	Battery Park City’s resiliency project are designed to protect against the types and intensity of storms New York City is expected to experience in the near future, based on projections by the New York City Panel on Climate Change.
	Is this design final?	Project Overview	The design is currently at 60%.
	What impact does the community input have on the design?	Community Engagement	The greater Battery Park City community has been providing input on the North/West Battery Park City Resiliency project since its inception in

			August 2021. Please contact nwbpcrinfo@bpca.ny.gov for information about future project meetings and sessions, or to provide additional feedback.
	Is this project really happening?	Project Overview	The North/West Battery Park City Resiliency Project is currently at the 60% design mark. Once the design is complete next year, project construction is expected to begin toward the latter part of 2025.
	Can a rendering show the water level during Sandy?	Community Engagement	We are continuing to refine our renderings and visual representations to best communicate our project and will consider this feedback.
	How do we connect back to grade?	Platform Replacement	The project connects to the South Battery Park City Resiliency Project and at the intersection of N. Moore Street and Greenwich Street in Tribeca to provide a complete flood barrier system from topographic high point to topographic high point.
	Why does the slope have to be so gentle?	Platform Replacement	The design team is endeavoring to integrate the flood barrier system as seamlessly as possible into the existing esplanade and existing conditions and to provide universal and inclusive accessibility. The current alignment and grading plan reflect these goals. The design team also seeks to meet the standards of Universal Accessibility to ensure all parks users can enjoy the same experience of Battery Park City’s public spaces.
Furniture	There is preference for keeping existing benches wherever possible (e.g. World's Fair bench).	Built Environment	Thank you for your comment.
	Include elements to the cast-in-place benches to be more accessible (allow for folks to get up/down easier).	Accessibility	Comment noted and appreciated. The design team is studying the development of benches with backrests and handrails.
Exhibition / Flyover (South Esplanade)	What is the current height of the wall?	Flood Barrier System	The flood barrier system’s height (height of intervention) varies across the project site, depending on an array of factors, including existing grade, coastal modeling, wave attenuation, and other factors.
	Would Liberty Towers have more space?	Design Considerations	We will not take any space away. The wall will also align with the current privacy wall.
	What is the plan for the wall?	Flood Barrier System	Different construction techniques will be utilized in different stretches along the FBS wall.
	This project was discussed during board meetings, and we know that settling is an issue for neighboring buildings.	Foundations	The project engineers have carefully designed the structure of the wall to minimize impacts to adjacent buildings. For example, construction will occur no closer five feet from building foundations. Pre-construction surveys will be performed and instrumentation will be installed on buildings to monitor vibrations and movement to minimize impacts to building foundations during construction.
	Please provide more details about the sliding door design. Will anything be backfilled?	Community Engagement, Design, Elevation	Grading might change but not significantly. There are also a variety of plantings proposed.
	What is the timeline for this phase? construction is expected to begin summer fall 2025.	Construction Timeline	The final construction phasing schedule is still being developed. Once this is finalized, we will communicate any construction impacts, including closures, via multiple channels, including direct communications to the Community Board, impacted building's management, as well as BPCA's website and social media.
	This area is a gathering space and greater visibility is needed for practical purposes.	Accessibility	Not enough information to answer this question
	Is this wall about sea level?	Flood Barrier System	The Flood Barrier System is designed to protect against future coastal storms and hurricanes, inclusive of the sea level rise projected by the New York City Panel on Climate Change.
	How long will the Terrace be closed?	Construction Timeline	The final construction phasing schedule is still being developed. Once this is finalized, we will communicate any construction impacts, including closures, via multiple channels, including direct communications to the Community Board, impacted building's management, as well as BPCA's website and social media.

	Where will the Upper Room go? Children enjoyed it.	Built Environment	Given the metes and bounds of the flood barrier system, as well as the space required to operate and maintain it, Upper Room cannot remain in its current location. Based on conversations with the artist, Ned Smyth, the work also cannot be moved. BPCA is in discussions regarding the future of the western terminus of Albany Street, as well as ways Mr. Smyth and other beloved public artists can contribute to Battery Park City’s future. Public art has been a fixture of Battery Park City since its creation, and will continue to be in our newly flood resilient neighborhood.
	Cannot find renderings for North End on website and concerned about this. Is the only change the installation of the flood wall as the existing wall matches the aesthetic of the building?	Flood Barrier System	The team is continuing to refine the wall finishes.
	Everyone in the area should be notified. They attended the 6/6 meeting and saw a kiosk posting, however, most River Terrace residents do not know what is going on.	Community Engagement	BPCA has sent approximately 30,000 postcards, one to every mailing address in the area; informs the Community Board; posts on known bulletin boards; publishes advertisements; and sends email notices to its entire mailing list. If you know someone who is not being notified and they want to be notified, can you please share their contact information?
	What is happening to West Thames Park? How do you get from the street to the Esplanade?	Accessibility	West Thames Park will not be affected by construction. When there is not a storm event, the gate at West Thames Street will be open to the Esplanade via a wide opening in the wall.
	What will happen to the Upper Room?	Construction Impacts	Given the metes and bounds of the flood barrier system, as well as the space required to operate and maintain it, Upper Room cannot remain in its current location. Based on conversations with the artist, Ned Smyth, it also cannot be moved. BPCA is in discussions regarding the future of the western terminus of Albany Street, as well as ways Mr. Smyth and other beloved public artists can contribute to Battery Park City’s future. Public art has been a fixture of Battery Park City since its creation, and will continue to be in our newly flood resilient neighborhood.
	Can there be more direct access to the nodes?	Accessibility	The nodes have a strategic geometry that provide universal accessibility from the gates along Reach 6 to the esplanade without requiring ADA ramps with handrails.
Exhibition / Flyover (Pumphouse Park)	Resident wants park open and loves option #2 for activities but has no strong opinion. They also asked about cherry trees.	Accessibility, Trees	Thank you for your comment.
	Are you removing trees?	Trees	Removal of some trees is required to build the flood protection system, but the team is endeavoring to minimize tree removals to the greatest extent possible.
	Will the same number of trees be in the same area?	Trees	Removal of some trees is required to build the critical flood protection system, but the team is endeavoring to minimize tree removals to the greatest extent possible, and the total landscaped area project-wide will be increased by over 30%.
	How can we make it more accessible?	Accessibility	Thank you for your comment.
	Cherry blossoms are preferred, and we would like bigger trees or the previous trees that were placed there for continuity. 9/11 was very disruptive this will be disruptive to our way of life.	Trees	Thank you for your comments. Cherry trees are proposed for the Pumphouse Park area, to complement the existing trees in this location. Tree size (caliper) is selected to balance shade and visual impact, with survivability - larger trees have lower survival rates when planted as compared to smaller trees.
	Resident liked Option #2 for a flatter surface as it seemed safer. They did not care about the opening of the gate as it's already somewhat enclosed. Not impressed with the slope and the ground level terrace.	Design Considerations	Thank you for your comment

	What trees are being removed? Will we have the same trees?	Trees	Removal of some trees is required to build the critical flood protection system, but the team is endeavoring to minimize tree removals to the greatest extent possible. All boards from the June 20 community meeting , including those with information about trees, are available on the dedicated North/West Battery Park City Resiliency Project page: https://bpca.ny.gov/nwbpcr/
	Why are you taking out eight 40- to 50-year-old trees? Trees are ecologically important.	Trees	Removal of some trees is required to build the flood protection system, but the team is endeavoring to minimize tree removals to the greatest extent possible.
	Will this impact property value? We understand the need to limit climate change but at what cost?	Project Overview	The entirety of Battery Park City is in a flood zone. You can view the extent of risk facing Battery Park City using the NYC Flood Hazard Mapper. The North/West Battery Park City Resiliency Project will result in reduction of homeownership costs, as FEMA’s removal of BPC from the current flood zone will eliminate homeowners’ need to purchase flood insurance for federally-backed mortgages.
	Will the trees on this side of the apartment buildings on the South Esplanade be kept?	Trees	Removal of some trees is required to build the flood protection system, but the team is endeavoring to minimize tree removals to the greatest extent possible. This answer was provided in-person.
	Did the park flood during Sandy?	Flooding	Certain sections of Battery Park City flooded during Superstorm Sandy, including parks and the Battery Park City ballfields. This project is also protecting against storms that will have a more severe impact on our community, in part as a result of projected sea level rise.
	Will the bike path be impacted?	Construction Impacts	Deployable gates will ensure that the bike path is usable during non-storm conditions. Construction staging plans and other potential impacts to the bike path during construction are in development.
	This will create noise pollution and miserable conditions. Does every building know?	Construction Impacts	We are working on mitigation efforts to ensure that construction impacts are minimized to the greatest extent possible. The final construction phasing schedule is still being developed. Once this is finalized, we will communicate any construction impacts via multiple channels, including direct communications to the Community Board, impacted building's management, as well as BPCA's website and social media.
	Will the Citi Bikes be replaced?	Community Amenities	They will be replaced in-kind.
	Where are you starting?	Construction Timeline	The construction schedule is still in development.
	What will the openness of Rockefeller Park during construction?	Construction Impacts	Minimal disturbance expected with the lawns remaining open during construction
	Liked the option with the park more open from the Esplanade side.	Accessibility	Thank you for your comment.
	Liked a flat lawn for active recreational activities for kids.	Built Environment	Thank you for your comment.
	There is concern about the removal of the existing large trees along where the FBS and bridging structure are proposed.	Trees	Removal of some trees is required to build the flood protection system, but the team is endeavoring to minimize tree removals to the greatest extent possible.
	Where will those removed large trees go during and after construction?	Trees	The project team is evaluating the feasibility of transplanting some of the smaller trees that will have to be removed for construction. In addition, we are studying options to have the removed trees repurposed for furniture or mulch elsewhere in the region.
Exhibition Hall / Flyover (Engagement Format)	It would be useful to have a QR code for the video link as well.	Community Engagement	Thank you for your comment.
	Very positive feedback on 360 views. It's helpful to discuss design.	Community Engagement	Thank you for your comment.
	Can there be 360 views in more locations (Albany St, Reach 1, Reach 3)?	Community Engagement	Thank you for your comment
	A continuous walkthrough would be better as having breaks can become disorienting.	Community Engagement	Thank you for your comment

	Boards are not understandable and hard to follow. The walkthrough video is the most helpful.	Community Engagement	Thank you for your comment.
	Can the video be stopped to take in the visualization at certain points?	Community Engagement	Thank you for your comment.

Comment	Topic(s)	Response - (Ensure responses are consistent with transcript answers)
Nice job on the video.	Community Engagement	Thank you for your comment
Liked every aspect of the design except at Pumphouse Park. The tiered area looks odd – it appears that you'd have to walk up grass-covered tiers to get to the "new seating steps." That can't be accessible to all and it looks awkward at best. Suggest you re-think the design in this area. Of course, it's hard to envision from a simulation like this.	Accessibility, Design Considerations	Comment noted. The design team will continue to study this area.
Will the North Cove be inaccessible to the public for 5 years?	Construction Impacts	Thank you for your comment. Any impacts due to construction, including work locations, hours and detours/closures, will be communicated via emails to impacted building managers, social media channels and the BPCA website. Given the scale of construction in and around North Cove, we expect there to be significant impacts to public access at that location at various times over the duration of the project.

Reach	Comments	Topics	Response - (Ensure responses are consistent with transcript answers)
Reach 3: Rockefeller Park	Replace old swing and handball court	Community amenities	Thank you for your comment. The existing swings and handball court areas are not anticipated to be disturbed by the construction of the Flood Barrier System. Repair work on the playground’s swings is ongoing.
Reach 5: North Cove	2026 Opsail Need space for boats	Community amenities	BPCA and the design team are currently looking at the availability of Marina space during the construction period as part of discussions around construction staging and phasing.
Reach 5: North Cove	Yoga	Community amenities	Thank you for your comment.
Reach 5: North Cove	Food Truck Festival	Community amenities	Thank you for your comment.
Reach 6: North Esplanade	Chess Tables	Community amenities	Thank you for your comment.
Reach 6: North Esplanade	Benches for Sitting (Albany Street)	Seating	Thank you for your comment.

Virtual or in-person	Question	Topic(s)	Response
Virtual	If deployables are placed in front of 80 N Moore, how do emergency personnel provide aid to residents inside?	Deployables	BPCA is working on a detailed Emergency Response Plan, including deployment of the Flood Barrier System, with the City. Sequencing for deployment of the Flood Barrier System will vary depending on predicted storm impacts for the area. For North Moore, allowing movement by residents into and out of the area in the event of a storm will be part of this comprehensive plan. In the event the area needs to be evacuated, the Emergency Response Plan will incorporate this variable with specific protocols for implementation, including notification protocols to residents.

Virtual	Am I understanding that emergency vehicles would not be able to cross that line during a storm that deployed the system? I'm thinking of the need for ambulances during Sandy.	Emergency Access	BPCA is working on a detailed Emergency Response Plan, including deployment of the Flood Barrier System, with the City. Sequencing for deployment of the Flood Barrier System will vary depending on predicted storm impacts for the area. For North Moore, allowing movement by residents into and out of the area in the event of a storm will be part of this comprehensive plan. In the event the area needs to be evacuated, the Emergency Response Plan will incorporate this variable with specific protocols for implementation, including notification protocols to residents.
Virtual	For the area alongside the north side of Stuy HS, the pathway looks terribly narrow for the volume of use. Currently, not a day goes by when I walk or run through there that I am literally brushed by other runners, walkers, and yes even bikers/skaters. This would make it considerably tighter!	Accessibility	Currently, there is 14.5 feet of clearance in this pathway. Under the proposed design, clearance will be a minimum of 20 ft wide, a significant widening of this pathway. The design currently under consideration includes a widening of the platform in this area by an additional 6 feet, bringing the total clearance to 26 feet at the widest point, a nearly 9 foot increase, in order to ease the congestion at this location, increasing safety and enjoyment for all users and ensuring universal accessibility.
Virtual	In northern Rockefeller, what happened to the community/school garden plots?	Built Environment	The Rockefeller Park Children's Garden will be unaffected by the North/West Battery Park City Resiliency Project.
Virtual	Regarding the Rockefeller Playground water elements, which are beloved by the children using the park, will they be returned "as is in the same location" or someplace else in the playground?	Built Environment	There are water elements that are part of the existing stone wall, and then there's a Dodo bird that is also an art piece and water element. There are some safety concerns about putting the Dodo bird back in place. Alternative citing locations for the Dodo bird are being explored, including whether or not it will be maintained as a water feature, or an art piece. With respect to the Hippos, we are working on finding a place for them within the playground. It may not necessarily be the exact spot, but they will be retained as part of the playground experience.
Virtual	Sorry if I missed it, but what is the material for all of these visible/exposed portions of the flood wall?	Flood Barrier System	The materiality for the proposed flood walls is still being explored. What we have displayed so far is an integral color concrete pattern formliner. This is only the first iteration and we are exploring ways to display the flood wall composition to allow for a better understanding of the look and feel. As this is a continuing design discussion, nothing has been finalized.
Virtual	In the North Cove Marina, will you preserve the public table seating function - seating along the water on the lower level as well as what is now Portside?	Seating	Seating on all levels will still be provided. Both flexible furniture and precast benches are included in the design proposal.
Virtual	You mention the “granite art” features around the plaza by Brookfield but it is disappointing to hear your detail of “pre-cast benches”. Sounds like a downgrade, and a mismatch of material for continuity across the overall complex.	Aesthetics	Comment noted, thank you. The project team is looking at the possibility of relocating some of these features after construction is complete, but no specific features or locations have been selected yet.
Virtual	What areas in Brookfield place / marina will be open and accessible to the public during construction, and how long will this specific phase take place?	Construction timeline	Areas of Brookfield place will be closed during the approximately five-year duration. The work will start on the eastern portion and then proceed to the west. It is currently anticipated that the closures will overlap for some duration in order to compress the overall construction schedule. The Project team is currently evaluating what areas of the Marina may possibly remain open during different phases of the construction in this area
Virtual	Does that mean that Pumphouse Park will be abandoned to the floodwaters and useless as a place of refuge during and after a storm?	Flooding	Pumphouse Park is designed to be protected by the flood barrier system.
Virtual	Thank you for the World Fair Benches!	Seating	Thank you for your comment.
Virtual	Pumphouse Park is perfect as is. There are plenty of other more “open” areas around Brookfield to the north and the Esplanade Plaza to the west. Leave some area for respite and quiet please!	Built Environment	Comment noted, thank you.
Virtual	Would you please share details on the materials? The current use of stone and marble appears to be demolished in favor of concrete... which is not a sustainable, creative, or remotely attractive solution.	Aesthetics	Comment noted, thank you. Stone is a difficult material to apply sustainably in higher flood risk areas. The design team continues to develop the material palette and more information will be available in the future as the design progresses.
Virtual	What happened to the Upper Room installation? This is a big loss of artwork for this part of the neighborhood.	Built Environment/Public Art	Given the metes and bounds of the flood barrier system, as well as the space required to operate and maintain it, Upper Room cannot remain in its current location. Based on conversations with the artist, Ned Smyth, the work also cannot be moved. BPCA is in discussions regarding the future of the western terminus of Albany Street, as well as ways Mr. Smyth and other beloved public artists can contribute to Battery Park City’s future. Public art has been a fixture of Battery Park City since its creation, and will continue to be in our newly flood resilient neighborhood.
Virtual	You did not mention the disappearance of the “Upper Room,” an existing public space and art piece.	Built Environment	Given the metes and bounds of the flood barrier system, as well as the space required to operate and maintain it, Upper Room cannot remain in its current location. Based on conversations with the artist, Ned Smyth, the work also cannot be moved. BPCA is in discussions regarding the future of the western terminus of Albany Street, as well as ways Mr. Smyth and other beloved public artists can contribute to Battery Park City’s future. Public art has been a fixture of Battery Park City since its creation, and will continue to be in our newly flood resilient neighborhood.
Virtual	I am grateful for all of your work and care on this project. As somebody with graduate architectural training, I understand the complexity and can see how much progress you have made over the past few years. Two questions/requests: 1. Please retain the “urban oasis” character of Pumphouse Park. It is one of the only havens we have in this neighborhood and is a major bird habitat.	Built Environment	The design team has heard that feedback and is actively working to create a sense of isolation that is consistent with the theme of Pumphouse Park. I know in earlier public meetings, we presented a Pumphouse Park that has an edge that was open to the marina. Based on community feedback, the designers are focused on creating a greater sense of isolation, consistent with the theme and the original intent of Pumphouse Park. As to staging areas during construction in the North Cove Marina area, currently the plan is to have multiple staging areas throughout the Marina to safely accommodate

	2. I understand the project staging will be on the North Cove plaza for 5 years. Is it possible to move it to the southern side of the Cove away from the residential area?		construction personnel and materials, as well as to ensure efficient construction activity to achieve the quickest construction schedule. Every effort to minimize the number of staging locations in the area will be made.
Virtual	Sorry I am not there in person as I have questions regarding the street ends at Albany, Rector and West Thames... is there sufficient space to enter and exit the Esplanade from each of these access points (looks like one way goes south and one way goes north) for two dogs (that don't like each other!) and their respective owners/walkers to fit as well as a pedestrian/stroller/wheelchair or two?	Accessibility	The minimum path width from the gate opening to the street end is 8' wide, the same minimum width as many New York City public sidewalks.
Virtual	Thank you for the presentation. I am a resident of Gateway Plaza, ground floor with a beautiful view of the water. You are proposing an additional 14-18” height on the existing privacy wall outside of my apartment windows. It’s been unclear how high that will actually make this wall, as per your illustration, that will significantly close us in and obstruct our view so that we will be staring at a wall outside of all 3 windows. Is there another option for this area?	Flood Barrier System	The flood protection elements replace the existing privacy wall in front of what we call Reach 6. The height differential between what is existing and what is new varies a bit actually because in the floodwall midsections it's probably less than 6 inches above the existing privacy wall as it gets to the gates. It rises a bit to create a bit of a bullnose at each of the gate corners, which explains the variability. We're doing our best to keep that height to a minimum in order achieve the project's protection goals. And we're using this alignment so it's the same footprint as the existing wall (but with a wall that is designed to resist loads during the design storm event).
Virtual	What are your plans to protect residents during this construction? We are only feet away from the wall in the 300 building at Gateway Plaza. In addition to the dirt that will be blowing into our apartments, many of us work from home and I suspect the noise will make that difficult or impossible.	Construction Impacts	We understand the safety concerns and impacts the construction will cause and will work to minimize this. Currently, we're looking at installing fences with sound barriers to reduce the noise. We will look at opportunities for additional sound blankets. We understand that construction will have a substantial impact, and we are committed to looking at different methods to mitigate impacts where we can. Part of the ongoing conversation that we're going to be having with each building is to take what is a broader set of designs and dimensions and then zoom in on the specific elements of the project as it relates to each building. We'll have a little bit more insight into what the impacts may be in terms of the wall heights and/or construction that would be anticipated for each specific area once additional analysis is performed.
Virtual	If I read the plans correctly, for the South Esplanade portion and the features where the streets meet the Esplanade, forcing in all of these features, and creating a wavy vs a straight, wide path will be problematic with walkers, runners, bikers, etc. running into each other, including due to reduced sight lines as well as people naturally finding their straightest line of travel.	Accessibility	In the South Esplanade, those features are pulled off of the path so that people have room to sit while others have room to circulate in front of them. There are organic clumps of trees with a lot of understory and a lot of pollinator plants. They're a little bit different from what you see there today, which is a lot of low Boxwoods and low, very manicured shrubs. You don't see a lot of mid-level understory plants and you have very large trees. In order to meet our bio-diversity and ecological goals, we wanted to provide more habitat and more bio-diversity in these areas. The Esplanade and everything that's following this line and out towards the water is what is there today and is going to stay. We have three places where the streets come through and terminate into the Esplanade: West Thames, Rector Place, and Albany Street. At each of these street ends, we've proposed a different type of program for people so that they have a different type of space to congregate off the Esplanade and off that secondary path.
Virtual	How is emergency access / egress achieved when gates are deployed at, for example, 80 North Moore? BMCC lower theatre space? Other spaces, with access/egress adjacent to new walls with gates?	Emergency Access	BPCA and the PDB team are working with the City to develop a comprehensive Emergency Response Plan and plan for all the projects that Jordan [Salinger, MOCEJ] talked about, whether it's ESCR or other projects. We want to be sure we're all using similar consistent criteria.
Virtual	How much in advance of a storm do gates and other deployables need to be put in place? How long does the deployment take, and who is responsible for physically deploying all the items necessary to seal off rising waters?	Deployables	The City is in the process of finalizing and coordinating emergency protocols for all the lower Manhattan projects. Generally speaking, when a storm comes up the eastern seaboard, you get about four days of good visibility on its trajectory. What we will see finalized by the City and its agencies is a coordinated plan that looks out about four or five days and begins to establish milestones as the storm gets closer to the New York area. For each one of those milestones, there's going to be a set of activities that are going to take place in a coordinated way around lower Manhattan. In terms of the operation of the project, one of the components, the pump station, is going to be operated by New York City DEP. The pump station will be available not only for storm surge events and major hurricanes or storms, but also for extreme rainfall events. We don't always get a lot of notice for extreme rainfall events, but the existence of the pump station would allow for a faster reaction to that kind of a storm event.
Virtual	What is the criteria for beginning to deploy /close off openings?	Deployables	BPCA is working with the City to finalize protocols in a coordinated way for all the lower Manhattan projects. Generally speaking, when a storm comes up the eastern seaboard, you get about four days of good visibility on its trajectory. I think what we will probably see finalized by the city and its agencies is a coordinated plan that looks out about four or five days and begins to establish milestones as the storm gets closer and closer to the New York area and for each one of those milestones, there's going to be a set of activities that are going to take place in a coordinated way around lower Manhattan. In terms of the operation of the project, the authority has always said that the authority is going to be operating the project, and one of the components, the pump station, is going to be operated by New York City DEP.
Virtual	Will there be periodic drills / practices? How will they be announced to the public?	Safety	BPCA is working on a detailed Emergency Response Plan, including deployment of the Flood Barrier System, with the City. Sequencing for deployment of the Flood Barrier System will vary depending on predicted storm impacts for the area. In the event the area needs to be evacuated, the Emergency Response Plan will incorporate this variable with specific protocols for implementation, including notification protocols to residents.
Virtual	When you are negotiating treatment for 9A, shouldn't we be talking about how that integrates with the HATS/ACE plan? Couldn't a flood wall be created in the median area?	Flood Barrier System	In the same manner as the other lower Manhattan coastal resiliency projects, the section of flood wall along Route 9A and the tie-back on North Moore Street provides potential tie-in points for a future flood protection project north of the

			NWBPCR project. An alignment in the median of Route 9A was investigated but has significant constraints with regards to DEP infrastructure (the interceptor line), traffic concerns, and aesthetic.
Virtual	Can BPCA provide any community space for people like my family who now work from home but are suffering through the current construction, noise, pollution, etc., next to MJH and now can look forward to more of the same behind South Cove Plaza?	Construction Impacts	We understand that construction will have a substantial impact and are committed to looking at different methods to mitigate impacts where we can to the maximum extent possible. Thanks for this suggestion.
Virtual	How can I be invited to the individual building meetings? Specifically at Gateway Plaza.	Community Engagement	BPCA is in regular touch with the Gateway Tenants Association to coordinate North/West Battery Park City Resiliency project updates. To be notified of coming meetings, contact the Association at: GatewayPlazaTA@gmail.com ; by mail at: GPTA, PO Box 3266, Church Street Station, New York, NY 10008; on Twitter/X at: @GPTA_BPC; or on Facebook at: https://www.facebook.com/people/Gateway-Plaza-Tenants-Association/100067719443870/ .
Virtual	Is the BPC South project currently on budget? If not, what is the current amount that is overbudget? For North/West how much has the design cost to date? What is the range of current estimates for North/West?	South BPC Resiliency Project, Budget	The South Battery Park City Resiliency project is on time and on-budget. The project cost is \$296 million, and it is scheduled to be complete (including the re-opening of Wagner Park) in early summer of 2025. The budget for the N/W project is still being finalized as the design is developed further.
Virtual	At South Cove, what is the plan for existing lower and upper areas? These areas are maintained by BP conservancy and are treasured by residents and visitors. Please address the gardens and the blue lights.	Built Environment	The lower level Esplanade is staying the same; that's untouched. It is a fairly low elevation so there is a likelihood that this area will see more frequent flooding in the years to come. But as part of the Project, this was something that was voiced very clearly by members of the public very early in the process. So that area remains as is including the wood railing, the blue lights, and all of the lower planting components. In the upper area, we are focused on minimizing the impact in the South Cove by pulling the wall as close as possible to the existing privacy wall and to the buildings. The design team has been consulting with Mary Miss on design options for this area.
Virtual	How do you decide which ideas from the public are considered? I like the Pumphouse Park design - I like the design that opens up to the water. The park will get much more use.	Design Considerations	Thank you for the feedback. Ideas from the public are received and reviewed through a variety of means, from sessions such as our most recent Public Meeting on June 20, 2024, to regular Manhattan Community Board 1 meetings, to meetings with building management companies, condo boards, tenant associations, and more. Feedback can also be submitted anytime to: nwbpcrinfo@bpca.ny.gov . In the case of Pumphouse Park, BPCA and the project team heard from a number of individuals who liked the idea of a Pumphouse Park with open views to the water, and a number of individuals who preferred Pumphouse Park as more of an enclosed area in keeping with its original design intent.
Virtual	I may have missed it, but what is the projected start time for construction from the north point of South Cove up to the North Cove Marina? Thank you.	Construction Timeline	We're anticipating construction starting in the latter half of 2025, depending on the issuance of permits and our ability to reach agreements with the progressive design build contractor on a guaranteed maximum price. So there is a little bit of float in that projection. We don't have precise month-by-month timeframes that we can project at this point. We're projecting that the southern part of the South Esplanade and the south neighborhood, will be at the beginning, with portions being completed as early as the end of the second year and the entirety of the south neighborhood complete by the end of the next year. Along the privacy wall on the east side, which is the bottom of plan, that area is going to have to be removed in order to construct the wall, but we will be replanting those areas adjacent to the wall and reinstalling all the benches that line that area today. We're also working very hard to protect the existing grove of honey locust trees that separates the upper and lower area.
Virtual	Will the Brookfield Place marina be closed for the 5 year duration?	Construction Timeline, Accessibility	That area will take about five years to complete because of the complexity involved. The other portions of the project don't take that long. There are some areas that we are looking at starting earlier and some areas that we're putting off and starting a little bit later so that we don't have everything under construction at the same time.
Virtual	Please make available promptly, post-meeting, online ALL information with the cited "tree survey" for Reach 6 (South Esplanade.) While it is claimed that this information can be viewed by onsite attendees at this evening's Stuyvesant "tree table", it should be made an integral part of the public record.	Community Engagement	Tonight's table topics materials are going to be uploaded online. The activity that people participated in will be available online for those who are not here in person to participate in as well. Tree Impacts & Planting table materials here: https://media.bpca.ny.gov/wp-content/uploads/2024/07/30174638/11x17_Tree-impact-table-materials.pdf
Virtual	How long will the Rockefeller playground be out of use under the current construction plan?	Construction impacts, Accessibility	During the course of construction, there will be open spaces and parks accessible during construction. The Battery will reopen in 2026. We'll have Wagner Park, Rockefeller Park, and then a number of other open spaces and parks that will be accessible both within Battery Park City and in areas adjacent to Battery Park City. We have a very strong commitment to ongoing communication during the course of construction. We will have a structure set up for how we maintain regular communications with the community and we'll provide frequent construction briefings and resources available for continuous updates for the community during construction.
Virtual	What measures remove stormwater (Rain) from impounding on the east side of walls?	Flood Barrier System	The project is in the process of designing a pump station that's going to be located on the plaza area outside the northeast corner of Stuyvesant High School. That pump station will serve a dual purpose. The first purpose is to maintain pumped dry conditions inside the storm wall when we have surge and rain affecting New York. FEMA has minimum criteria about how much water can actually be on the ground within the flood protection system. We're meeting that criteria. The pump station will basically be operating when we have surge and when we have heavy rains during heavy storms, and we'll be making sure that the interior of the protected area is dry. The second purpose of the pump station is that in extreme rain events, cloudbursts as we now call them, occur with a lot less notice than large hurricanes. Hurricanes we can probably

			get a good idea of what's going on four to five days before impact. Sometimes in the summer in New York, you don't have more than 8 to 16 hours for a cloudburst. So that pump station will have utility as well if there would be extreme flooding caused by a cloudburst event because the pump station is far more easy to activate and put online than the entirety of the flood protection system around lower Manhattan.
Virtual	What's the expected noise impact from the construction (in particular for those in Gateway who live near Brookfield Place)?	Construction Impacts	We are trying to grapple with that risk as responsibly as we can to manage quality of life in this neighborhood. We take that very seriously, and we have to continue to create a great neighborhood through construction. Sound blankets and other noise mitigation strategies will be implemented to help alleviate noise impact from construction.
Virtual	Where does the funding come from for the project?	Budget	The project will be funded with BPCA-issued debt. We were lucky this year. The governor and the state legislature agreed to an increase in our bonding capacity which allows us to put out essentially bonds in the public market and seek that capital to then go build the project. The state legislature increased the bonding capacity from 1.5 to 2.5 billion dollars. Those bonds are backed by property taxes and other revenue streams, which the private market believes are worth of a Triple A rating, which is what we have. So we actually have debt that's less expensive to issue than the city of New York does because we've got a very sturdy financial footing. That's the short answer.
Virtual	How do you expect your walls/flood barriers to connect to the Army Corps' walls?	Flood Barrier System	It's a very good question and I know it's something that's been on a lot of folks' minds because we recognize there is a need that exists north of the end point of our northwest project and we understand that what the Army Corps has worked on, there's some question, and uncertainty about that, and some dissatisfaction with some of the concepts that have been set forth. We certainly have no jurisdiction. We have no authority to proceed with anything further north and then the end point of the northwest project, but we would hope and we have always indicated that we are hopeful that the lessons learned from our project can help inform and can help and aid in the planning of any extension of the flood barrier system that would extend further north. And we're quite happy to be engaged in that process.
Virtual	Can barges serve as spaces for project staging / storage to help keep more park area open?	Temporary Space	So we are evaluating the uses of barges especially where we have to demo the platforms, which is reach 2, 4, and 6. In the barging, you have to deliver the materials over to New Jersey, double handle it, put it on the barge, and move it over. But it still may make sense especially to put a crane on the barge to move materials around or even drill the piles. We're going to evaluate that in those waterside elements both ways. Secondly, just to store the salvage material on barges would not be cost effective. It would be much more cost effective to put that in a warehouse.
Virtual	My understanding is that the area near Gateway (where the volleyball court is) will have staging longer than any other, though other staging areas will move as needed. Is this correct that the plaza near Gateway will be a continuous staging area?	Construction Impacts	The area where the volleyball courts are located will require the longest period of closure because of the complex nature of construction in this location. Construction staging areas will be required that include the volleyball court for the duration of this construction phase.
Virtual	It feels like the Rockefeller Park and North neighborhood plans are the least firm at this point, which makes sense given it's the last phase of the project. What are next steps to complete these designs and when can the community weigh in?	Project Timeline, Community Engagement	Rockefeller Park is in lockstep with the rest of the design as it's progressing forward. We're right now approaching the 60 percent design milestone with the Authority and Rockefeller Park is as detailed as the rest of the project elements and the visuals are representing that. The only part of the project near Rockefeller Park that lacks design details, are the details around the pump station and that's because the project needed to do certain analyses up front to understand where a pump station would be located and how large the pump station would need to be. And once those two pieces of information were known, the pump station design began and that's why there's a lag between the base project, which is the alignments, and the pump station component.
Virtual	To the person who lives on the first floor of Gateway, I live on a low floor at South Cove Plaza where construction is underway. Despite the comments that “we will minimize the impact” of construction, be prepared for LOTS of noise, dust, pollution/smoke from generators, dirty windows, etc. from 7am-6pm, Mon-Fri. I agree with the person speaking now who lives above PS276.	Construction impacts	Noise concerns are understandable. To mitigate noise impacts, sound blankets will be added to the project fence and the equipment utilized will include the latest technology in sound mufflers. The project will also utilize alternative back-up beepers to minimize disturbances.
Virtual	Hi, I am very surprised that you are still “working” on the technical aspects of preserving the quality of life during the construction. How this is not completed before starting? We see that on the south part, solutions are not appropriate.	Concerns	Technical aspects of the North/West Battery Park City Resiliency Project, including impacts to quality of life, will be completed before work begins on the project. Work is scheduled to begin in the latter half of 2025.
Virtual	I agree that these changes are needed and it won't be easy or quick to achieve. It seems that the designs have been carefully developed. Our neighbor's questions and points are about the difference between the intentions of communicating with residents about construction work as it progresses and the reality she experienced. Can there be improvements based on the first phase you're doing?	Community Engagement	Thank you for the feedback. BPCA and the project team will conduct construction coordination outreach and communication over the course of the North/West Battery Park City Resiliency Project. Prior to the start of construction BPCA will set up a process for more detailed on-going communication on construction activity. Construction briefings will include: - Representatives for the elected officials offices - Any key agency partners (e.g. NYS DOT when relevant for instance on Route 9A) - Representatives from any adjacent residential/commercial/educational buildings and relevant members from the CB1 - Direct communication with residents to inform the community about on-going plans and troubleshoot any items of concerns

Virtual	What is the frequency that you currently expect to see the need for using these gates? Sandy was seen as a one in one hundred years.	Deployables, Modeling	Deployment of gates and other flood infrastructure will be closely coordinated with NYC Emergency Management and other relevant agencies.
Virtual	Can salvaged materials be stored nearby on a barge?	Storage	Storing the salvage material on barges would not be cost effective. It would be much more cost effective to put them in a warehouse.
Virtual	I think you might have skipped this question at 7:57: I may have missed it, but what is the projected start time for construction from the north point of South Cove up to the North Cove Marina? Thank you.	Construction Timeline	We're anticipating the commencement of construction in the latter half of 2025. That will depend a little bit on the issuance of permits and our ability to reach agreement with the progressive design build contractor on a guaranteed maximum price. So there is a little bit of float in that projection. We anticipate it will be sometime in the second half of 2025, and we don't have precise month by month timeframes that we can project at this point. The South Esplanade and the south neighborhood are currently slated to start at the beginning, portions of that being completed as early as the end of the second year and the entirety of the south neighborhood being completed by the end of the third year.
In-person	The question I have is we're dealing with all of the things that are happening in the Battery, and North Moore, and so forth, and so on, so we're going to have another bad storm where does the transit system fit in with the subways? Because they had gotten tremendously flooded and do they play a part in this whole project at all?	Coordination with other agencies	Thanks for the question. There's obviously a lot of coordination as Peter (Glus/Arcadis) was alluding to that's required with all government agencies that would be affected in a storm event. So as Peter mentioned, the City acts through the Office of Emergency Management as kind of the central coordinating entity for putting together the agency puzzle pieces in the event of a storm surge, for example, and making sure that if evacuation procedures are in place, the MTA system is up and running so people can safely evacuate. So it's really the City's Office of Emergency Management that acts as kind of the coordinating hub to help agencies make decisions at the time of a particular storm event.
In-person	I have a question that comes up a lot. The community is very concerned about the west side of Manhattan. And I'm curious with everyone in the room that is involved with this design as to how you feel you'd like to see the plans that you've created for the Army Corps, who is now, as we understand it, solely responsible for what comes ahead, and what kind of conversations have you had – we talked about this before – you've done this extraordinary work, and it's a wall system, not – completely dissimilar to what the Army Corps has provided, right. How would you like to see us to go forward on the west side? Assuming, for example, going to get that commission.	Operations	It's a very good question and I know it's something that's been on a lot of folks' minds because we recognize there is a need that exists north of the end point of our northwest project and we understand that with the hat study the Army Corps has worked on, there's some question, and uncertainty about that, and some dissatisfaction with some of the concepts have been forth. We certainly have no jurisdiction. We have no authority to proceed with anything further north and then the end point of the northwest project, but we would hope and we have always indicated that we are hopeful that the lessons learned from our project can help inform and can help and aid in the planning of any extension of the flood barrier system that would extend further north. And we're quite happy to be engaged in that process. We understand also that the New York State Department of Transportation is going to be looking at the corridor as well. And so we are eager to be helpful and engaged. We don't have any authority to do anything other than to be a willing supporter and participant in that process.
In-person	On the trees we were talking about before, someone had mentioned they were going to try to do 3- to 4-inch diameter trees. I understand that some trees have to be removed. I guess the question would be, in some of the renderings you said these are what the trees will look like 5 years after the project and the project is going to take 5 years, so these are like 10 years and 20 years out. Could there be some sort of minimum height trees so the area doesn't look ridiculous when it's all done? I'd like to enjoy it while I can still walk. 20, 30 years out is a tremendous amount of time.	Tree Planting	For the tree question, that's actually something that we're looking very closely at. One of the interesting takeaways from the analysis of the existing conditions that BPCA did is that many, many of the existing trees are around the same age, which is natural given the fact that this was constructed all around the same period. From a sustainability resiliency bio-diversity perspective, that's not what you want. You want a variety of ages for trees for planting in general, but especially for trees. So what we're looking at is how old or how big are the trees that we're able to keep and then trying to diversify with a new planting. The intent is to balance that with areas where we want to achieve the greater shade cover as soon as possible where there's going to be a lot of solar exposure. We understand it's not pleasant, especially today. And so we are looking at that.
In-person	Two, just a quick question, I'm just curious on the west side of the West Side Highway by the ball fields, they protected the ball fields. If there's water that runs, like, down the West Side Highway, are there other things that stop it from coming up into North Battery Park?	Flooding protection, Design Consideration	The flood barrier system, as designed, is designed to protect Battery Park City, and ties to high ground by crossing the West Side Highway and moving up to the intersection of N. Moore Street and Greenwich. If the area in reference is outside of this system, it will not be protected by this project, but the USACE has plans for this area through their HATS program.
In-person	The West Side Highway, the water comes from Tribeca, over the West Side Highway, what stops it from coming up and flooding the buildings from the east side? Follow-up clarifying question: Down Warren Street or Chambers or Barclay, you wouldn't expect it to come from there? You're expecting it sort of north and south?	Flooding	That's why the alignment crosses 9A and goes up to Greenwich – the primary pathway for Super Storm Sandy was coming down north and coming up south. By closing 9A at the crossing we have, and by completing the south project, we eliminate that possibility. If you think about it in an exaggerated way, 9A is like a trowel, and Battery Park is like a cutlet over here and the city is a larger mound over here. By having that trowel exist, by stopping the north and the south part of that trowel, you're protecting Authority's east side and the Tribeca west area.
In-person	My question for you – I'm here specifically this evening to help my friends in the north so you can have these questions and so I hear everyone talking about the dust and that you're going to work on things. We have experienced extreme overcrowding. We have runners, dog walkers, strollers, tourists, everyone is on top of one another because of Wagner and because of Battery. We have no access to Battery. We have to go all the way around almost down to the Staten Island Ferry in order to get to Battery Park. We have no green areas. As everyone knows here, every single tree in Wagner Park was taken down so we have no tree canopy. That means I have increased my electric bill and AC this summer by \$150 a month. I have to keep my blinds closed because it is so hot by us. We have temperatures that are 5 degrees hotter than they used to be because used to have a significant mature tree canopy. We have loitering. We have trash. We have dangerous bike lanes. You can't ride your bike over by the Battery there's because of tourists. There's no protection. You say that there's	Flooding	On the timeline question first, this project is not 15 years away. The tree canopy will take time to grow, there's no doubt about that. Some of these trees are actually reaching a life span right now and so some of the trees will actually start to die off over the next several years, so we are replenishing the tree canopy. Understood, the trees will take time to grow. These are hard conversations about the future of New York City that we're grappling with, that we have very real realities on climate change that we're trying to grapple with as responsibly as we can. To answer the question earlier about what can we teach the Army Corps about the work, I think we've taken a lot of painstaking effort on each block to really think about what is happening on each block, where is the building entrance, where is the tree canopy, where are the play areas, present flood alignment responding to those conditions to be as sensitive to the reality – possible, but I don't think we're here to tell you that this is going to be an easy project to execute, it's not. It's going to be a lot of hard work. There's going to be shared sacrifice as we move through construction, but we're optimistic that Battery Park will be reopened next summer

	communication, we've had none. I've had floodlights in my bedroom for months when you were working over in the Battery just streaming in. Noise all the time. We have dust in our apartment. My window is not open anymore because of it. So I appreciate what you're saying and I'm saying there's nothing against the plan, but the reality of it is it really sucks. It's really bad for us down there. Okay. We're not going to see any of this greenery. I love looking at pictures. It's beautiful, but I may not be alive for that. That's going to be in 15 years. I'm 54 years old. So over 5, 6 years, I just can't stress how stressful it's been to live amongst this. Okay. It's been a very, very difficult year. I hate walking my dog now. The reason we live over here is for all your green space. We pay an enormous amount of money to live over here. We also are inconvenienced because we have no transportation. It's been very difficult. I'm the experiment and I'm just sharing it with you. What you have learned from Wagner Park and from Battery Park and how are you going to make it different for my friends in the north?		and we look forward to seeing you there next summer, which is not that far away. We are optimistic this is going to be a better neighborhood because it will be a resilient neighborhood and be protected from some severe climate risks we face as a city. I don't think that's an easy conversation for us to have collectively as New Yorkers, but it's a real one that the risk is there.
In-person	I'm here on behalf of the Tribeca North Neighborhood Association, which is a group of over 100 residents in Tribeca from Franklin Street up to Canal – (Technical difficulty in the proceedings.) – On North Moore Street. That is a very active thoroughfare towards the water and all of the – (Technical difficulty in the proceedings.) – CB1 meeting with a request to evaluate a shortening – (Technical difficulty in the proceedings.)	Suggestion, Design Consideration	Looking at North Moore, we had discussed the potential for narrowing the street and extending the sidewalk area and creating more opportunities for additional plantings. We have a proposal pending with the NYC DOT that involves traffic studies for analysis or impacts. It's under active discussion with NYC DOT and we recognize the benefits of including the increase in tree coverage in that corridor.
In-person	I want to start with saying I appreciate the incorporation of some of the visual feedback that you've heard before about elements and design, but I want to acknowledge that, but I have three questions. One is along those lines, thank you for putting in the World's Fair style benches because I think one of the hallmarks of Battery Park City, both in the north and the south, is the hat tip to the old stead and New York style historical parks. So my question is: Is that going to continue in the elements so that we can conserve and retain as much as of the beauty of Battery Park City as opposed to the deviations for park design that we've seen in the rest of the city. I know most of my neighbors that I talked to do not want a look and feel that is reminiscent of the rest of New York City parks. They like it the way it is and I think that a lot of that is just optionality. So the further that we could be retaining that, the better off. That's one question. Are we going to continue down that road?	Built Environment	There have been a lot of public meetings to talk about the aesthetic of the project to begin to shape the project. The earlier project meetings really were focused on alignment, the nature of the project, the necessity of the project, you know, and really over the past six months or so we've been now talking about how the alignment is going to be finalized and how the project is going to begin to look. This is the moment to share feedback with us so that the Authority can take it into consideration. Tonight is one of the first times that we're presenting to you the aesthetic of the wall itself, the coloration of the wall, the different types of patterns. We really welcome your feedback on that. That is the purpose of tonight.
In-person	Two, we talked about adaptability, which I totally support and everybody supports. Because a lot of the really sensitive negative feedback about this design comes from two elements one is blocking views of a wall and the separation from the water, which is a key part of the experience in living Battery Park City. Because we're doing this and it's doing it with this notion of a 50- to 150-year design flood elevations, which are, by the way, all computer-modeled and even as of today people may not know this, the NASA latest data shows the continuous trend that for 600 years in sea level rise, no change yet, but now we're anticipating it accelerating, great, but do we need to do it now? If we build it for adaptability, we should be able to minimize the height now, with the provision, if we're wrong, as somebody had mentioned, we can add to it later without walling in the neighborhood in anticipation of something that comes decades from now.	Flood Barrier System, Modeling, Community Engagement	The project is working in coordination with the city to establish what we're designing for and all the projects that Jordan talked about, whether it's ESCR, down through BMCC down through Fi Di, to the Battery, to the south, to the north, frankly even the HATS study that the Corps is talking about, and the products that are taking place the outer boroughs, we're all using similar consistent criteria that assume a certain level of sea level rise and certain types of still water elevations that's based upon FEMA's analysis. We can talk more about that criteria at the tables, but the project is using that to be consistent with the city's projects. And more importantly, the project is using FEMA criteria because in order to get FEMA certification, we have to design to a certain standard. When we design to that standard, as Gwen pointed out, the insurance reductions on all the residential property within the Authority's ownership are reduced significantly, which has a perpetuity savings for everybody. In order to achieve those savings, we have to design to those standards.
In-person	The third question is especially on those elements on the south side that really impact on the walls that you talked about, the community areas at Rector, West Thames, and Albany which are big differences from what we have today, which is artworks and seating areas. Are we planning on meeting with those buildings, and streets, and communities that are directly impacted to get feedback about what they want to see? For example, it looks to me from what I heard in the presentation that the promenade basically is doing it, other than the new wall, the FBS, is not really changing in terms of its resiliency impact; yet, we're taking away the upper walkway, which right now, separates the major traffic of bikes, and scooters, and everything else to the upper, which may be a good thing, but it's certainly a big difference. And for the people who live there and use it every day, I think they would want to have a strong feedback into what that looks like because there's a big difference. You talk about on Rector having a community seating area, right, well that's kind of news to people. We have a seating area there now that gets heavily used. So if we have the optionality to discuss with people who live there about how they want it to operate, I would strongly suggest we do that.	Community Engagement	I had a conversation with two gentlemen today who were excited about Pier 26 in Gansevoort and want to see more of that language brought into Battery Park City. So it's our challenge as a team to try and take all this input, listen to it, process it, and develop a project that to the best of our ability tries to make everybody happy. It's hard. We may not succeed in making everyone happy, but I do want to note that there are – it's a diverse group and there are a lot of opinions that we're hearing. We're trying to do our best to listen and to incorporate all of them. Your last point was about the street ends at the South Esplanade? MS. WILKINS: So I'll address that. I think that you were talking about the node specifically at Rector Place. Some of the things that we were responding to are some of the programming that goes on there today. Right now, it's a pretty large expansive hardscape. There's not a lot of trees. There's not a lot of shade. Sometimes there's small pop-up events that happen there. And we're listening to some of the feedback that we got in some of these prior meetings about how people would like to use that space and so that did go into our considerations when we were starting to look at these little seating area nodes.
In-person	Back up to this gentleman's response. The Battery Park City Authority, I assume, is going to issue those bonds. Well, if it's a downtown resiliency project, why is the entire cost of the project being	Budget	This is getting into the Battery Park City finances, so this is a little bit of a longer question, but I'll try to give you a short answer. The short version is that about 80 percent of our revenues that we collect in the form of pilot and ground rent flow

	put on the backs of the residents of Battery Park City? So why are we footing the bill for the entire downtown neighborhood because this will impact the Financial District, or the Fi Di. It will impact Tribeca. It will impact all the people that are not involved in the community here or that bear the brunt of the taxing authority, Battery Park City?		directly to the City of New York. So that's the short version of the story. So anything that we spend here is money that's not flowing to the City of New York. It's not as simple as to say that it's money that is coming from here. It's actually money that's not going to the city's general operating fund, which is where 80 percent of the revenue from Battery Park City Authority goes. So that's – it's a little more of a complicated story so hopefully that provides a little more clarity.
In-person	Well, it provides a little bit, but then there are other agencies within the community, Port Authority in New York New Jersey, that share the cost of shared projects. This is a shared project. We're protecting downtown Manhattan, right. So you showed that project, it goes all the way around to the Brooklyn Bridge, and even further up the east side where it's presently, you know, underway now and coming all the way back around the tip. Why are we taking, as you said, 80 percent? I think it's higher than that but, I'll take your word for it, 80 percent, why are we taking the brunt of 80 percent of the bill on that because you're going to issue new bonds at 2 and a half billion, which you just mentioned, and that's going to be on the backs of the residents of Battery Park City.	Budget	Again, let me just try to explain this in the flip which is that if we didn't do the project at all, we didn't issue the debt to build the project, that revenue stream, 80 percent of it would go directly to the City of New York, right. So really what's happening here is that the City of New York in the form of less money flowing to them is helping to pay for most of the project. What's backing the bonds is property tax revenue and ground rent. But if we didn't do the project the money would otherwise flow to the City of New York. So we have to – one of the elements of the approval process, we haven't gone through in great detail, but was mentioned on one of the slides is that the city's Office of Management and Budget needs to say, yeah, we support the project. You can take this money that otherwise would flow to us, spend it on this project to protect this neighborhood, and that's an ongoing conversation we're having with OMB. Obviously, they're very concerned about project cost so that's one of their considerations in thinking about whether to grant approval for that kind of request. It doesn't stop with us. It takes a village to respond to questions here accurately. Yes, the only piece of the project that, as Tammy noted, that we are responsible for delivering it's the northwest resiliency piece, right, which you can see in that orange, yellow, and the blue. The rest of the projects are in the process of being designed or funded. Some of those elements are actually not yet fully funded.
In-person	My last question is what are your projections on the FEMA that your team has brought up because, one, we're not really in a flood zone, okay. Look up the FEMA flood map. The majority of Battery Park City is not in the worst zone and the cost savings, as far as I can tell, and I sit on a board in one of the buildings here where I'm the treasurer, so I'm very well aware of what – and I'm also a licensed insurance agent, I'm very well aware of what the costs are for the insurance and the savings aren't going to be that significant, not where you brought it up as a point twice in tonight's meeting.	Modeling	The project that we're building generally is designed to absolutely protect the Authority property and there's benefit from the residential strip that is basically east of 9A. You all walk across 9A frequently you know that when you get over the 9A highway it kind of drops down a little bit. That topography creates a little bit of a problem for those folks and this project is a benefit to that. It doesn't continue around the lower Manhattan area and over to the east side of lower Manhattan just to clarify that. Number two, on that flood insurance, I'm not a flood insurance expert, all I know is that the country's flood insurance program is generally considered broken. If we were having this conversation in Florida, or in Texas, or in the mid-Atlantic, we'd be probably having different conversations about how much flood insurance costs. We believe the flood insurance is going to be on the rise, and the Authority believes that it's a benefit to the project and to its residents to not have to pay such premiums for flood insurances for infinity because the project will be certified. At some point, those insurance rates are going to kick in.