Downtown Waterfront Municipal Harbor Planning Advisory Committee





Consultants: Utile, Inc. Durand & Anastas Noble & Wickersham

Agenda

- I. Process Update
- II. Review of Area-wide Urban Design Analysis

III. Proposed Maximums for Development Sites

- a. Baseline Ch. 91 build-outs
- b. Long Wharf Marriott Addition
- c. Hook Lobster Site
- d. Harbor Garage

IV. Next Steps

- a. Substitution and Offset Strategies, Framework
- b. Process

V. Comments and Questions

Process Update



Next Steps

The BRA and consultant team will prepare a draft MHP, which

- Will reflect the City's and committee's priorities for the public realm and watersheet.
- Will establish baseline requirements.
- Will reflect the City's and committee's thoughts on acceptable substitute provisions (open space, height, FPTs).
- Will propose a hierarchy of offsets for various substitute provisions.

The MHPAC will review and comment on this draft.

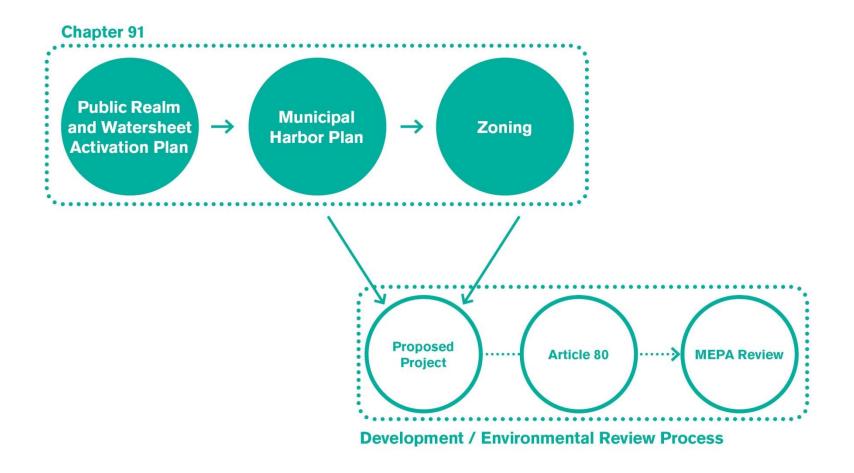
We will also review the revised public realm and watersheet activation plan.

The BRA and consultant team will revise the draft, then submit it to the State.

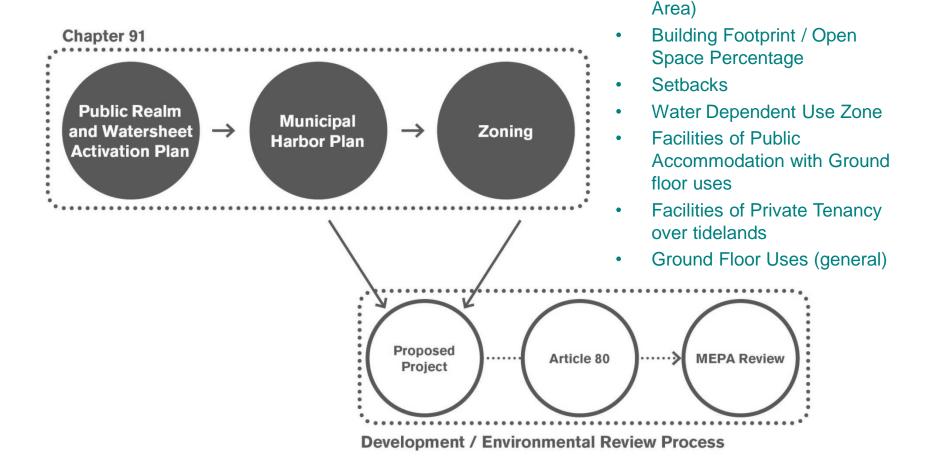
Then the State process includes:

- Public hearing and comment period (30 days)
- Consultation period (30-60 days)
- Secretary issues an MHP decision

Regulatory Framework



Regulatory Framework



Municipal Harbor Plan

Built Volume

Density -Built Floor Area &

Shadow Impacts (in Planning

Height

Regulatory Framework

Building Footprint / Open Chapter 91 Space Percentage Setbacks **Public Realm** Water Dependent Use Zone Municipal and Watersheet Zoning **Facilities of Public Harbor Plan Activation Plan** Accommodation with Ground floor uses Facilities of Private Tenancy over tidelands **Article 80** Ground Floor Uses (general) **Urban Design Environmental Impacts** -Shadows & Wind **Traffic Impacts Proposed** Article 80 **MEPA Review Project** -Counts, Parking, Access Architectural Quality/ Aesthetics **Open Space Details Development / Environmental Review Process**

Ground Floor Uses (specific)

Municipal Harbor Plan

Built Volume

Density -Built Floor Area &

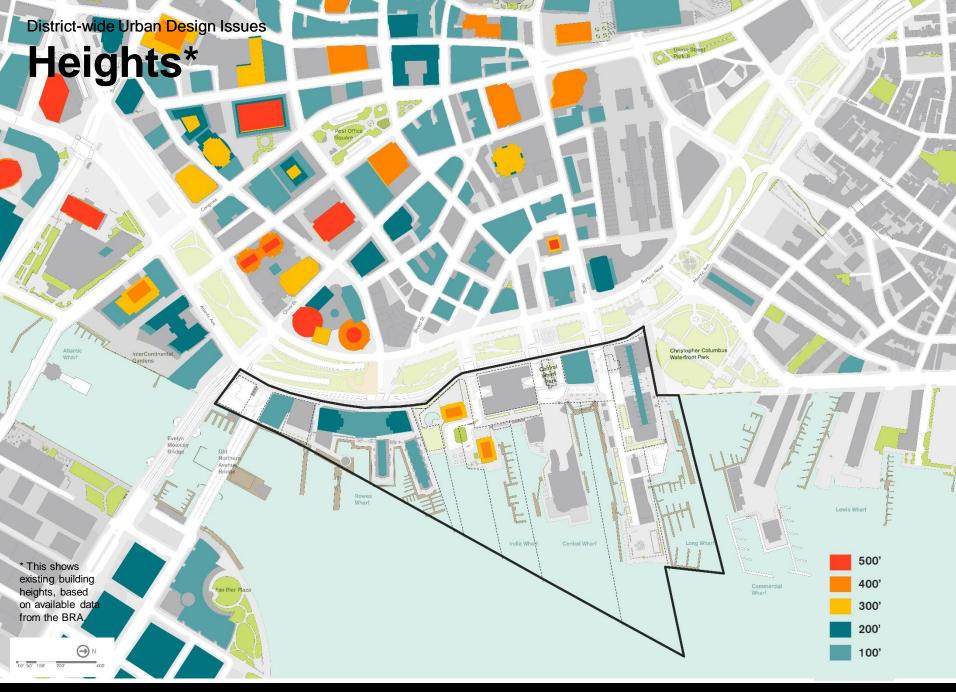
Shadow Impacts (in Planning

Height

Area)

Review of Area-wide Urban Design Issues

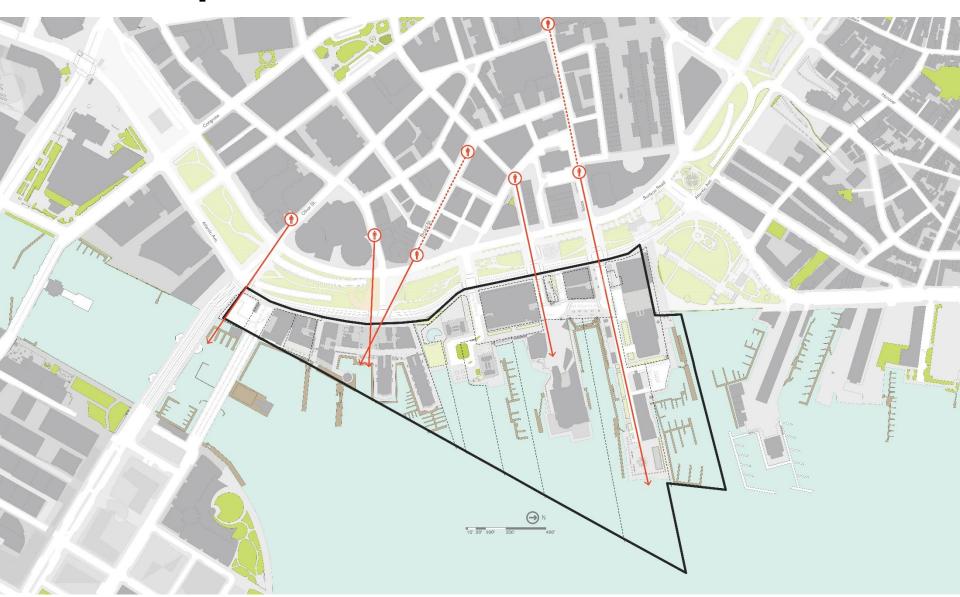




Relationship of Height to Waterfront



What to preserve or enhance? Views of the water.



What to preserve or enhance? Views of the water.











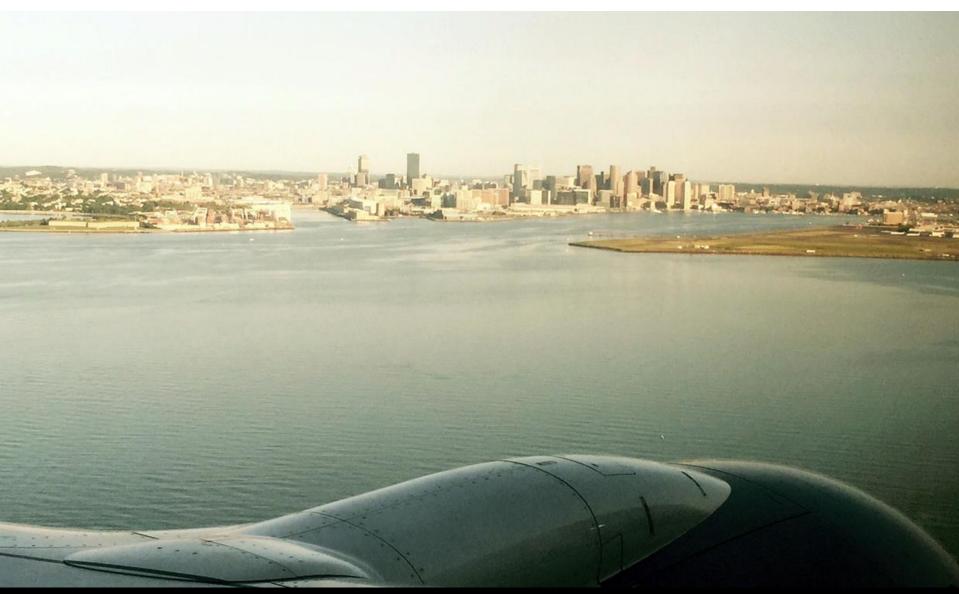




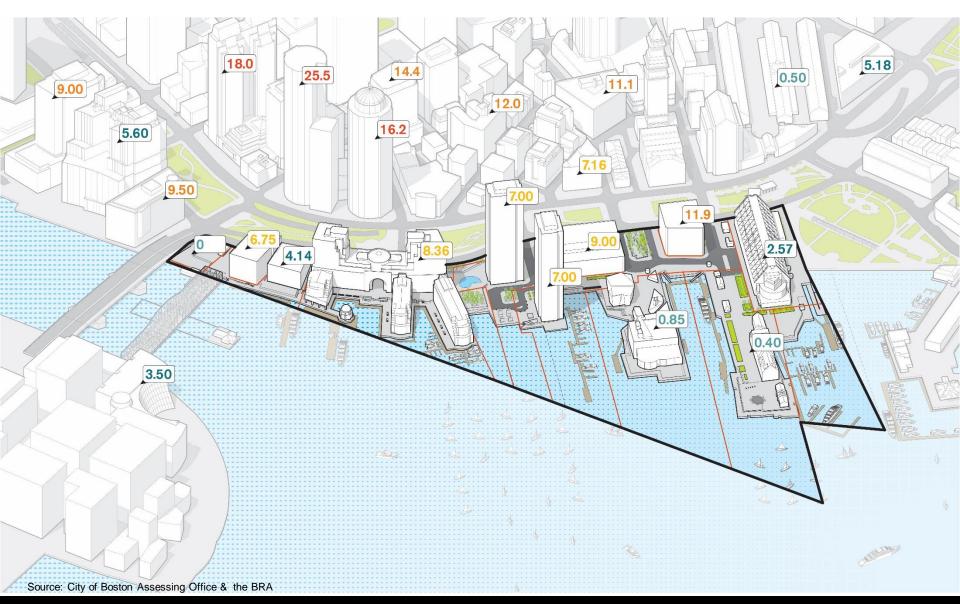


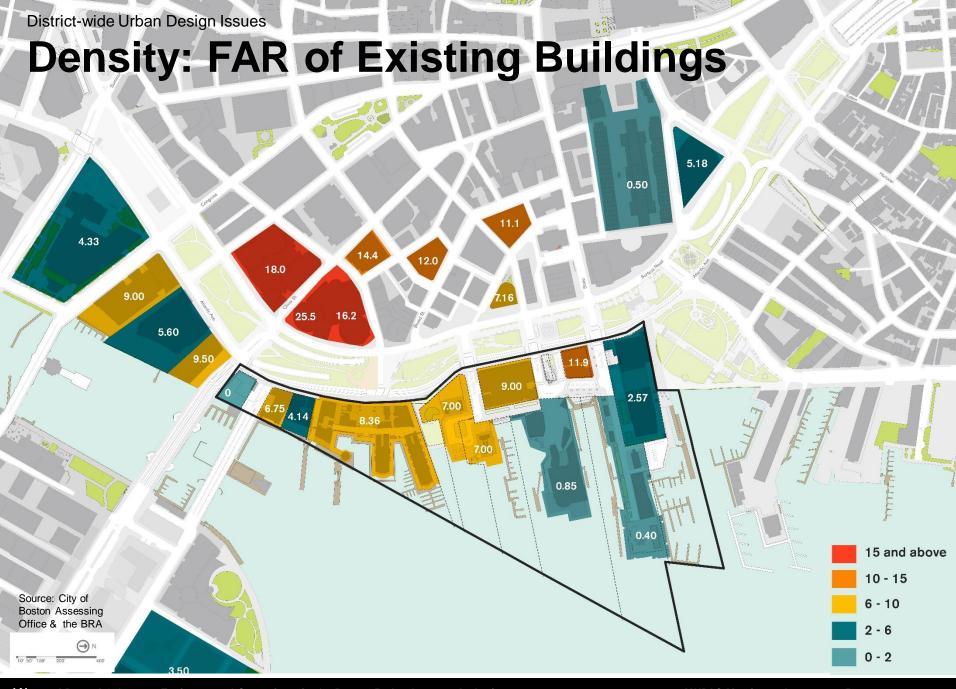


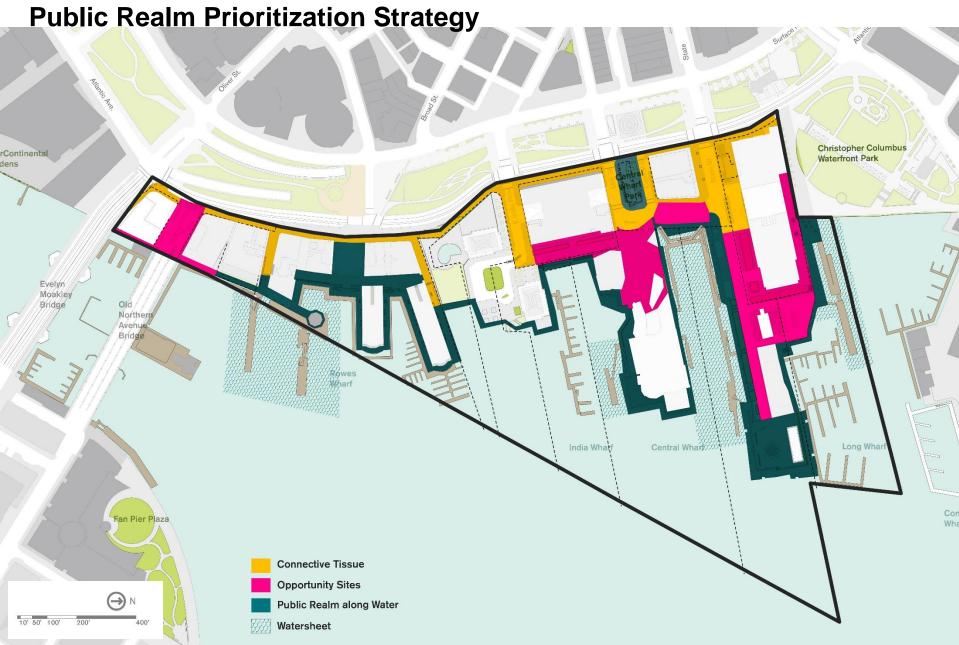
What to preserve or enhance? Views of the city.



Density: FAR









Public Realm

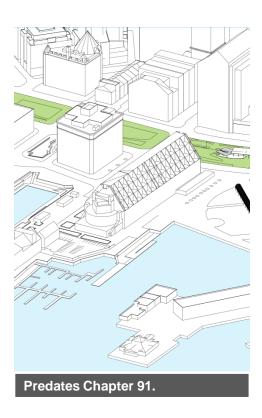


Proposed Maximums for Development Sites

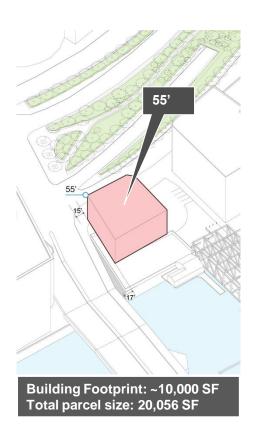


Ch. 91 Baseline

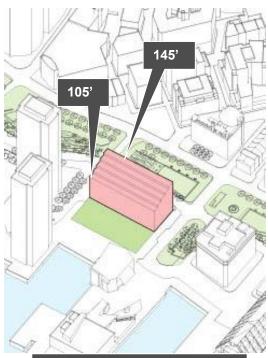
Long Wharf Marriott



Hook Lobster Site



Harbor Garage Site



Total GSF: 297,550

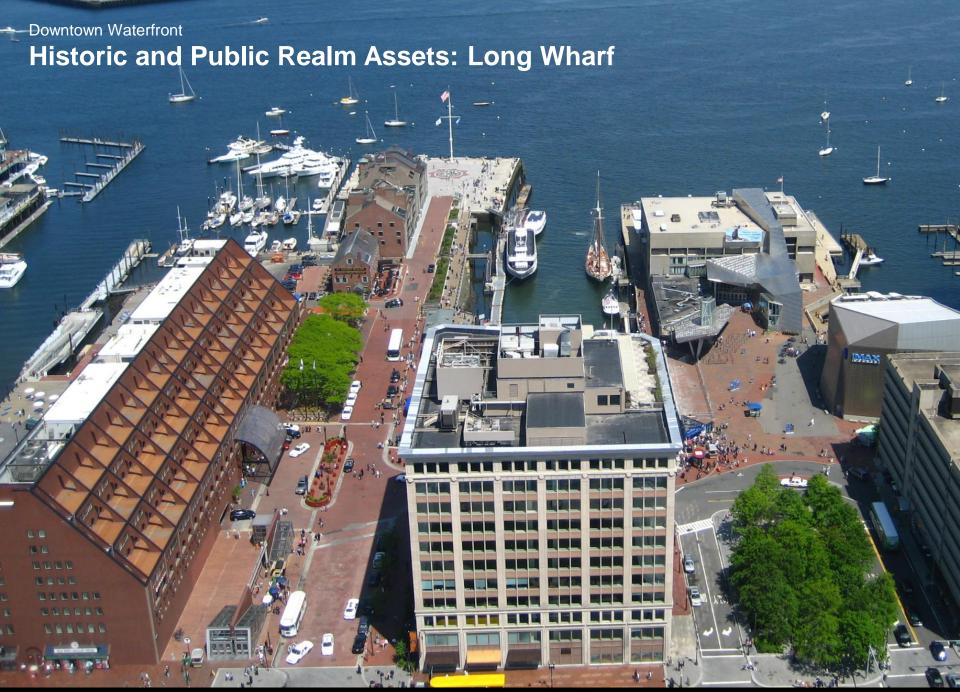
Building Footprint: 28,500 SF Total parcel size: ~57,000 SF

Note: These images are not at the same scale.

Proposed Maximums for Development Sites Long Wharf Marriott

Long Wharf Marriott





Historic and Public Realm Assets: Long Wharf





What we heard from the MHPAC and the public

Create Visible and Legible Links/Create View Corridor to the Water

- Concern over general extent of lot coverage, and pedestrian pinch points on north side of Long Wharf
- Open space offsets should not involve improvements to interior public spaces, rather they should relate to broader open space resources in the area such as the Greenway, CCP, and Long Wharf

Add Ground Level Programming and Porosity

- More music and activation in the area
- New retail and restaurant must be public and function to activate the area
- Improved definition to the passageway through the hotel
- Important to maintain quiet, contemplative areas along the waterfront

What we heard from the MHPAC and the public

Improve Hardscape and Add Interpretive Information/Designated Drop-off and Pick-up Areas

 Improve traffic and vehicular circulation – better clarify vehicular and pedestrian zones

Unified Wayfinding and Intelligent Transportation System (ferries)

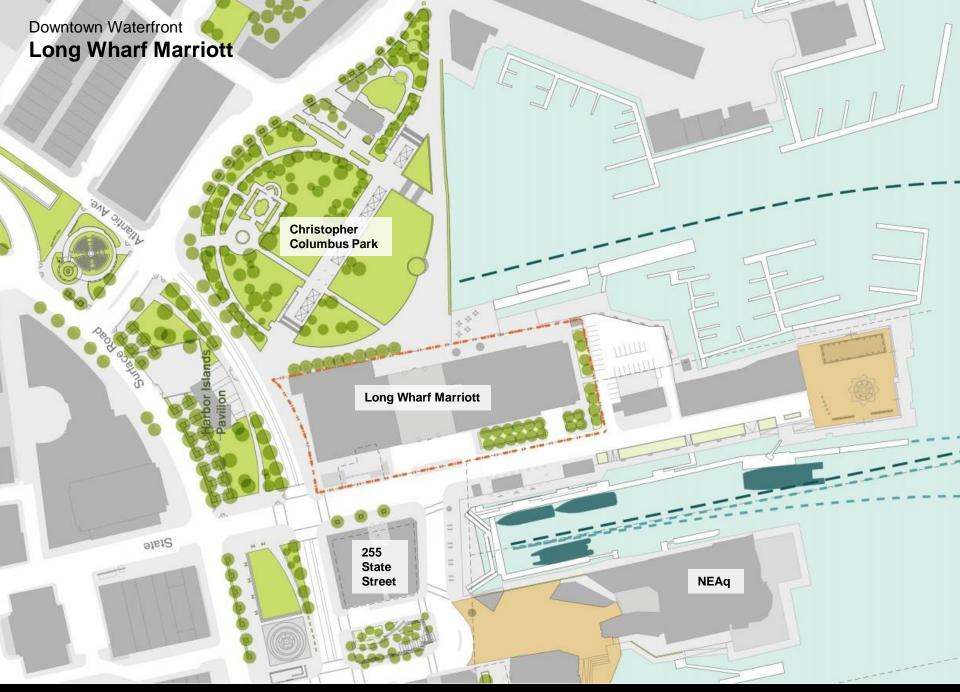
- Improve facility, pedestrian, ferry and transit signage
- Improve legibility of HARBORWALK, wayfinding, and better lighting

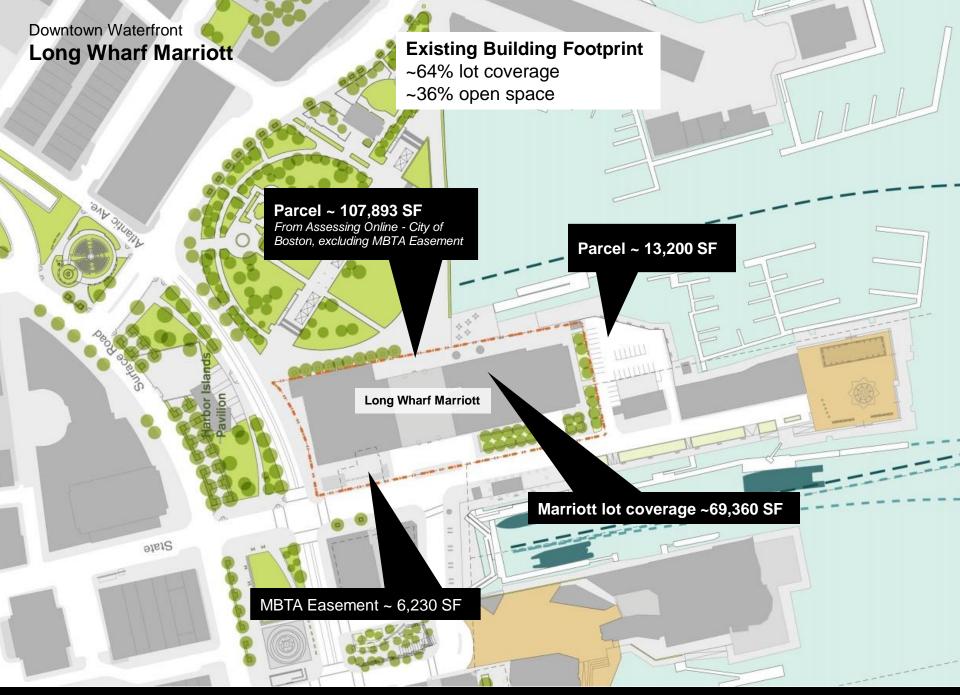
Increase Facilities for Commuters and Transit Passengers

- Improve functionality of the area as a water transportation hub and support water transit
- Better organization of trolley ticketing facilities

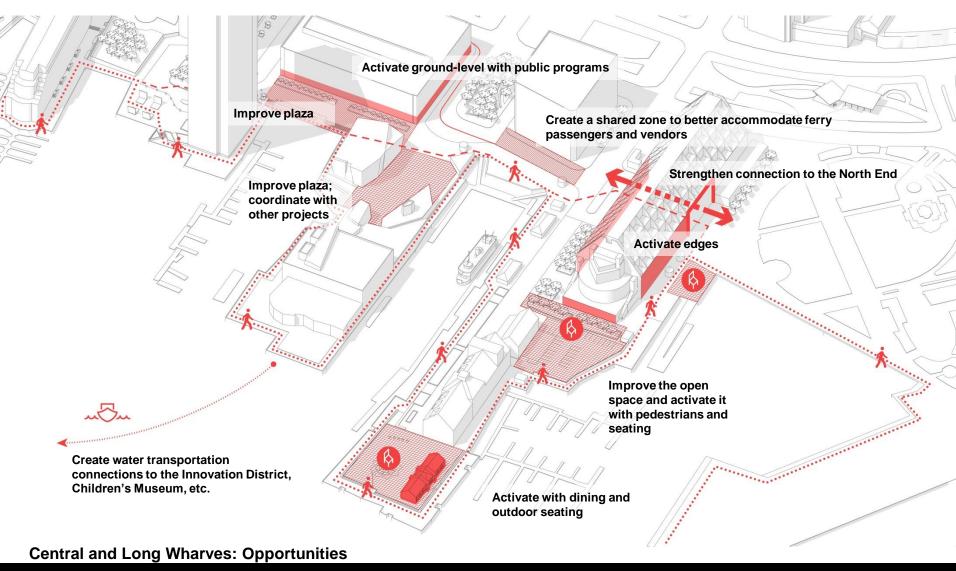
Create a Permanent Harbor Islands Gateway

Establish a Harbor Islands Gateway as part of Marriott expansion





Public Realm and Watersheet Activation Plan



Downtown Waterfront: Long Wharf Marriott

Proposed Expansion of the Marriott

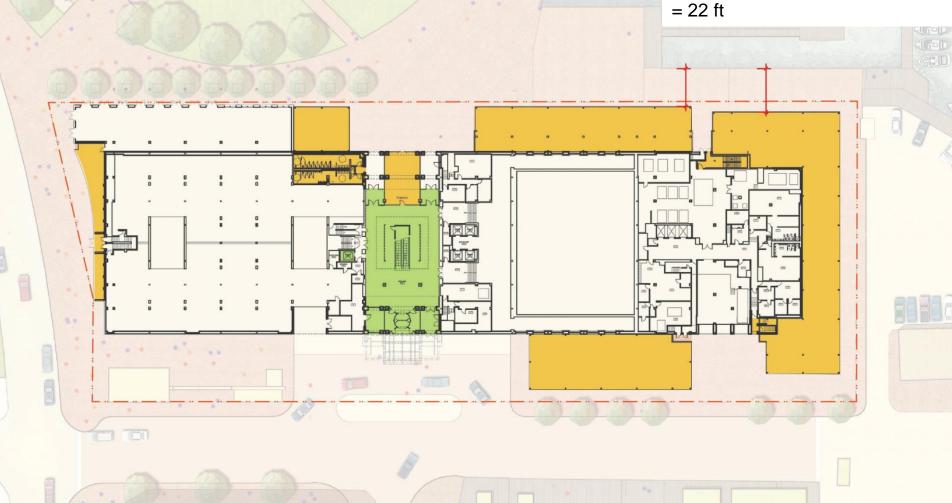
Existing Building Footprint

- ~64% lot coverage
- ~36% open space

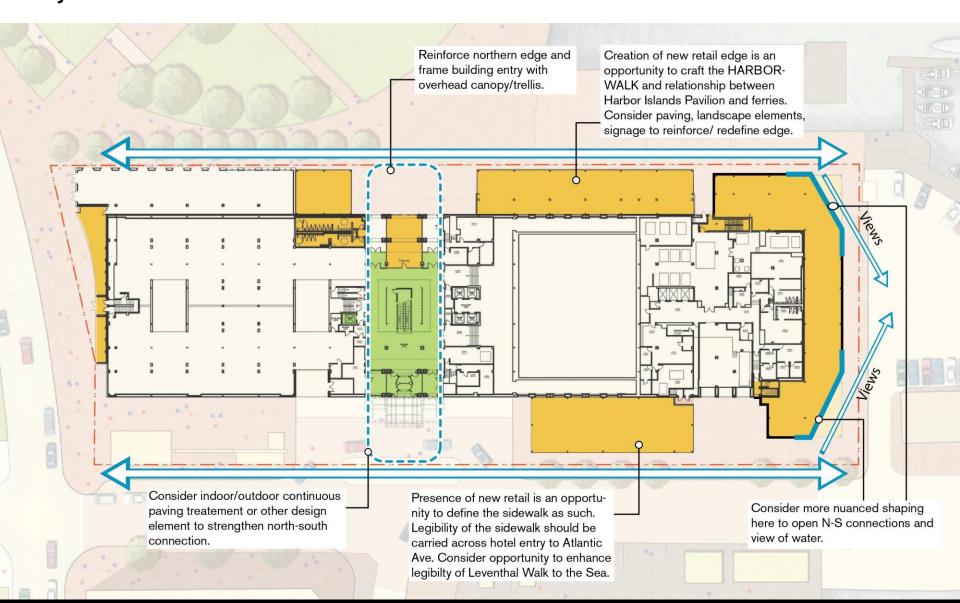
Proposed Building Footprint

- ~84% lot coverage
- ~16% open space

Proposed Height of Expansion



Proposed Expansion of the Marriott: May 2014 Revisions



Downtown Waterfront: Long Wharf Marriott

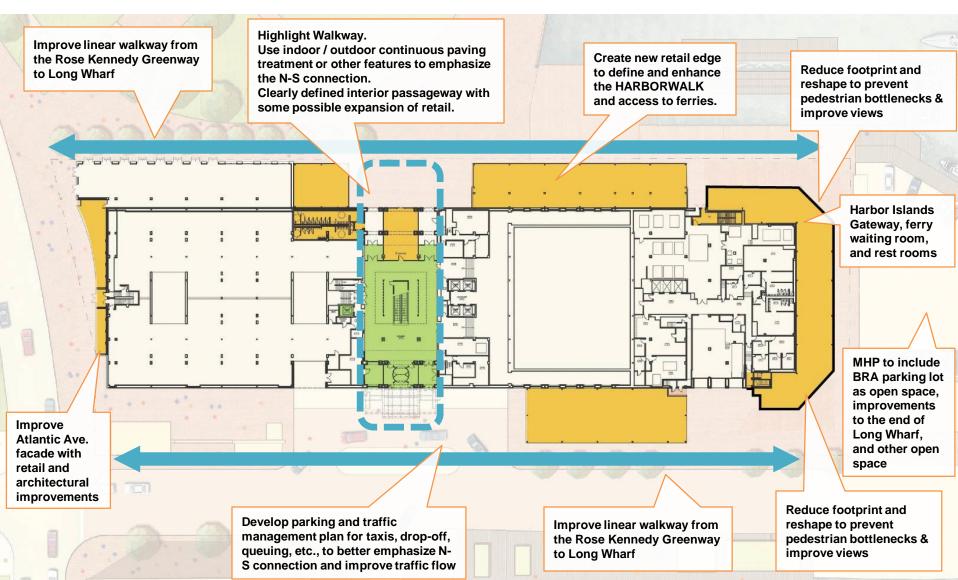
Proposed Expansion of the Marriott: Oct. 2014 Revisions

Existing Building Footprint

- ~64% lot coverage
- ~36% open space

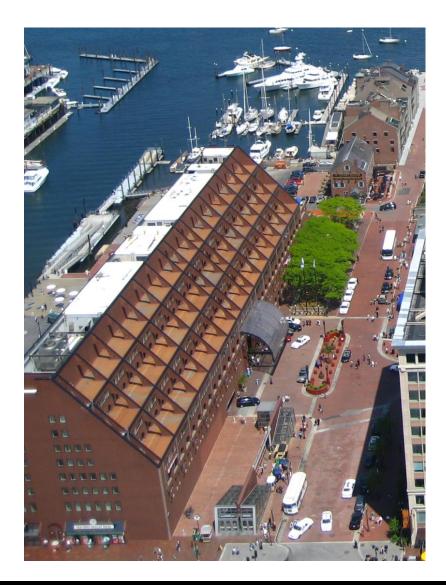
Revised Proposal Footprint

- ~80% lot coverage
- ~20% open space



Long Wharf Marriott: Proposed Maximums

Wharf Marriott
-
-
-
-
20%



Proposed Maximums for Development Sites

Hook Lobster Site



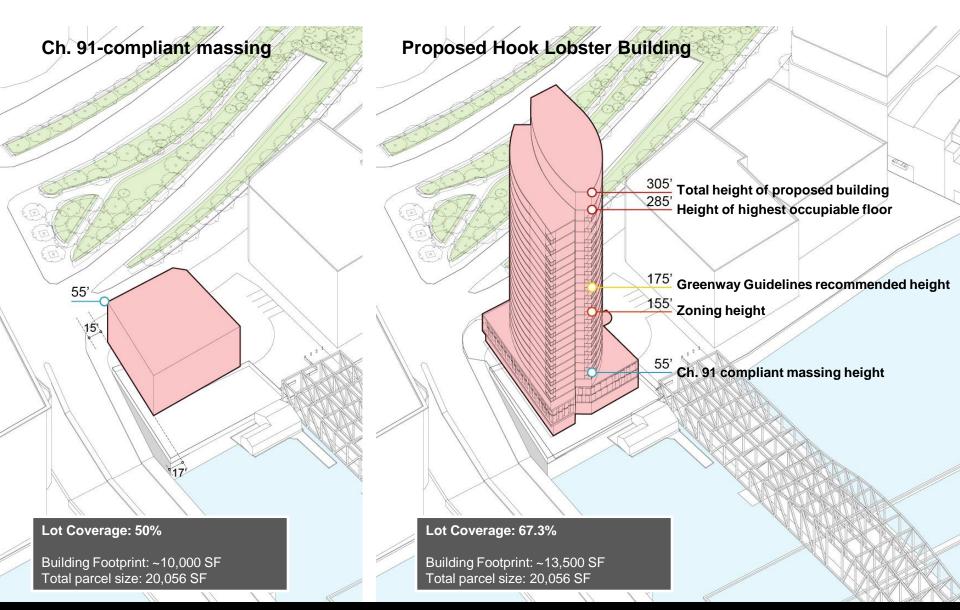
Hook Lobster Site



What to preserve or enhance?



Hook Lobster Proposal: Building Footprint



Downtown Waterfront: Hook Lobster Site

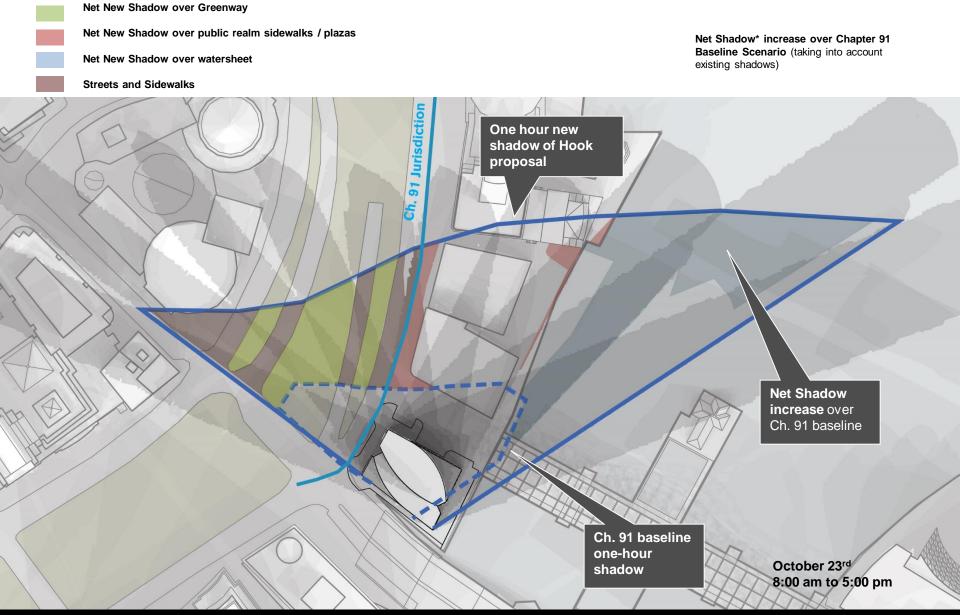
Hook Lobster Site development proposal



October 23rd 8:00 am to 5:00 pm

Downtown Waterfront: Hook Lobster Site

Hook Lobster Site development proposal



MHP Framework

MHP Substitute Provisions

- Water Dependent Use Zone: proposed building exceeds standard WDUZ dimensions by approx. 500 SF
- <u>Building Height</u>: net new shadow impacts from 285' proposed highest occupied floor (305' total height)
- Building Footprint: building footprint is approx. 2/3 of the site, or approx. 3500 SF more than the Chapter 91 standard
- Facilities of Private Tenancy (FPTs) over Flowed Tidelands: FPTs on several levels over flowed Commonwealth tidelands





Hook Lobster Site: Proposed Maximums

Hook Lobster Site

Height (*maximum height*, *including mechanicals*)

305'

Density

GFA

275,000 sf

Cubic Volume

3.1M cu.ft.

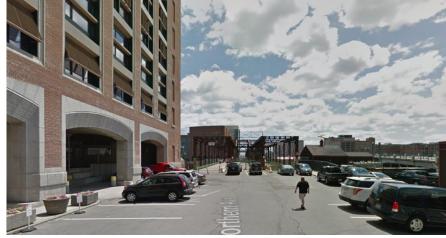
Shadows

No net new 1hr. Shadow Long Wharf

Open Space Min.

30%



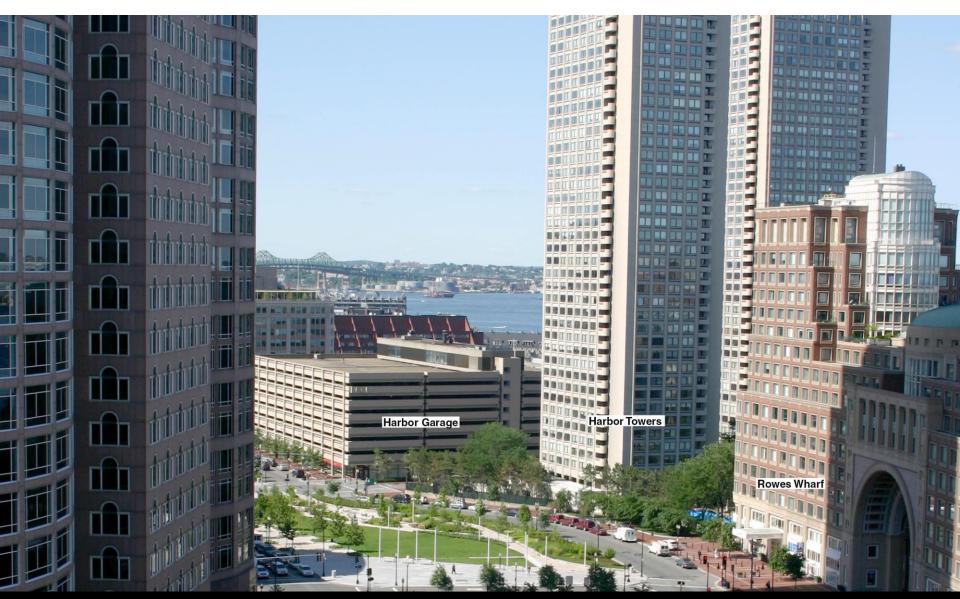


Proposed Maximums for Development Sites

Harbor Garage Site



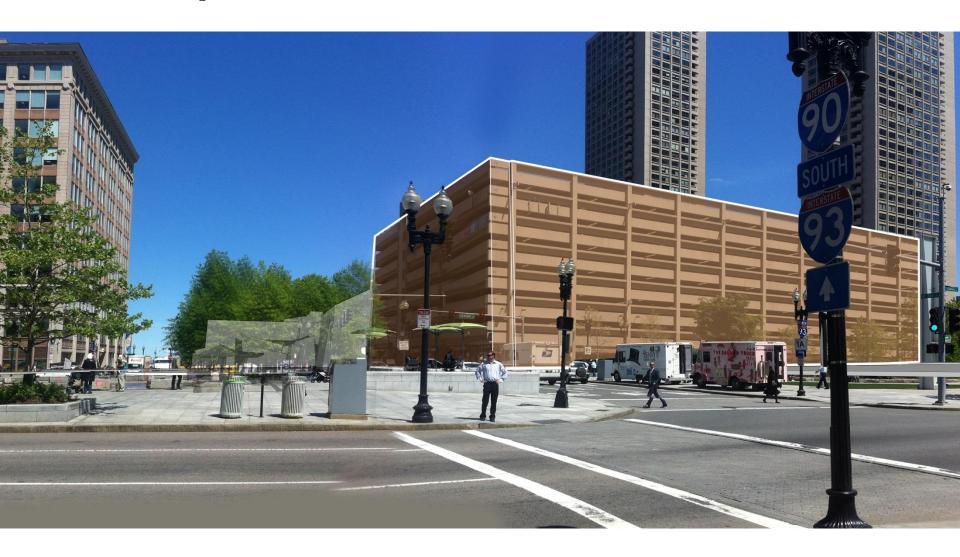
Harbor Garage Site



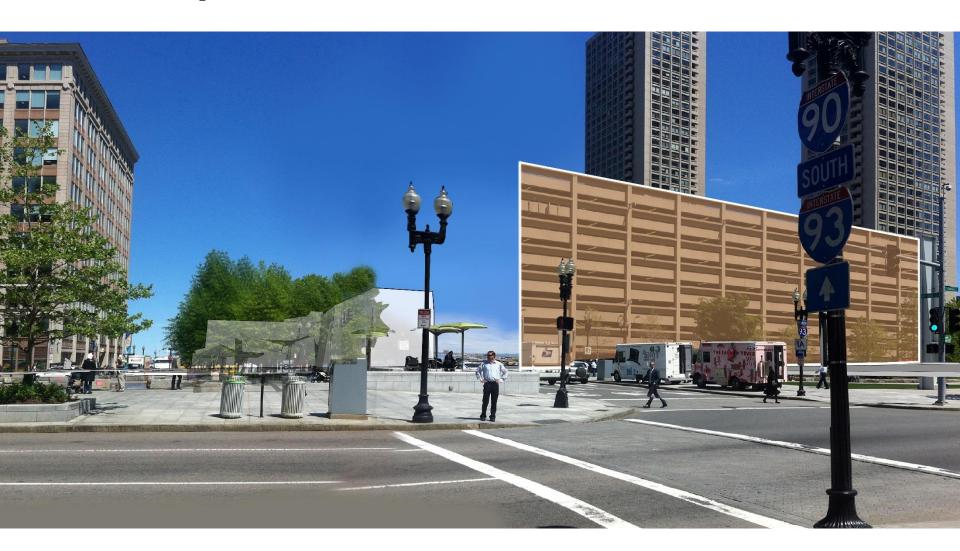
What to preserve or enhance? Views of the water.



What to preserve or enhance? Views of the water.



What to preserve or enhance? Views of the water.



What to preserve or enhance?

Views of the Custom House Tower.



Evaluating the proposed Harbor Garage redevelopment

MHPAC members asked....

Please review **alternate building envelope scenarios** to better understand what the **incremental differences would be with shadow and differing heights**.

Expressed concern with the bulk of the proposed buildings and whether there are other design options and massing variations that could be reviewed.

What are the **views from the ground level** from a number of different vantage points? How will the massing be viewed from various pedestrian level vantage points?

What is a proposal closer to the **50% lot coverage standard**?

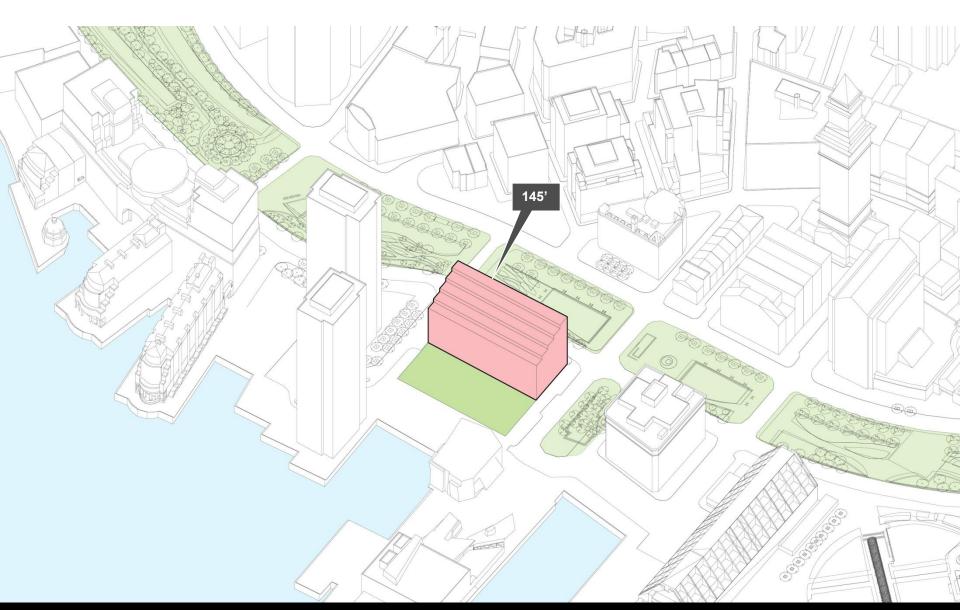
What about establishing of **shadow protection zones**? But not extending out into the middle of the harbor.

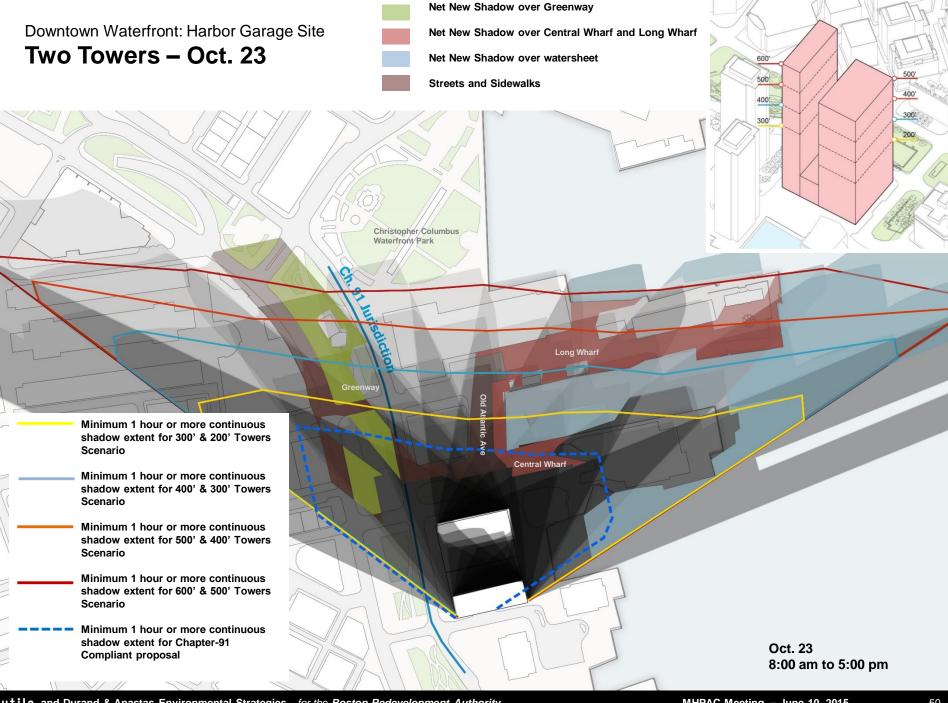
Massing Alternatives presented November 19, 2014

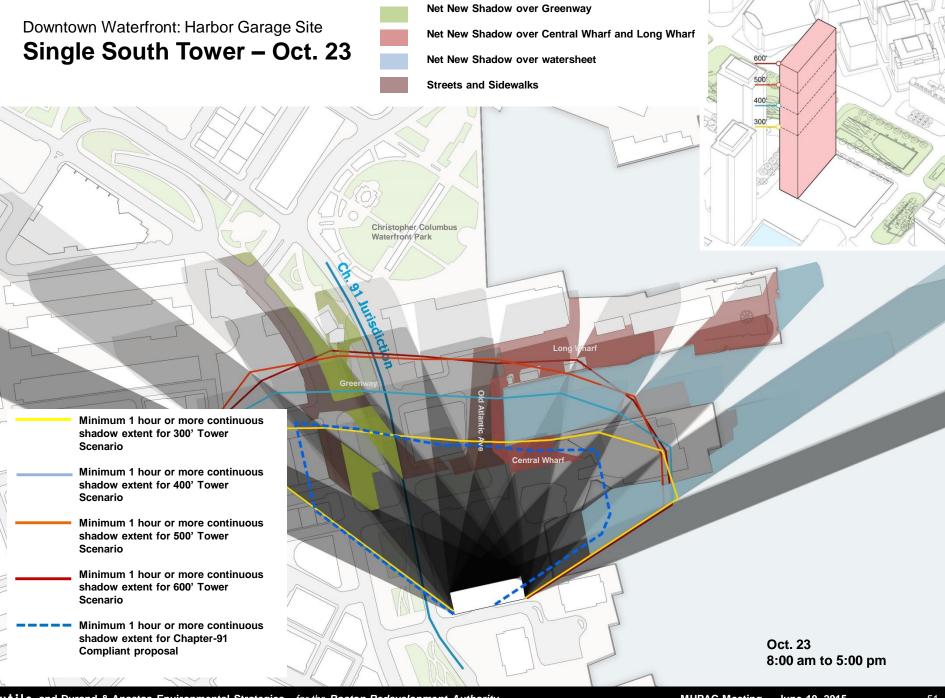
Variables considered for alternative scenarios:

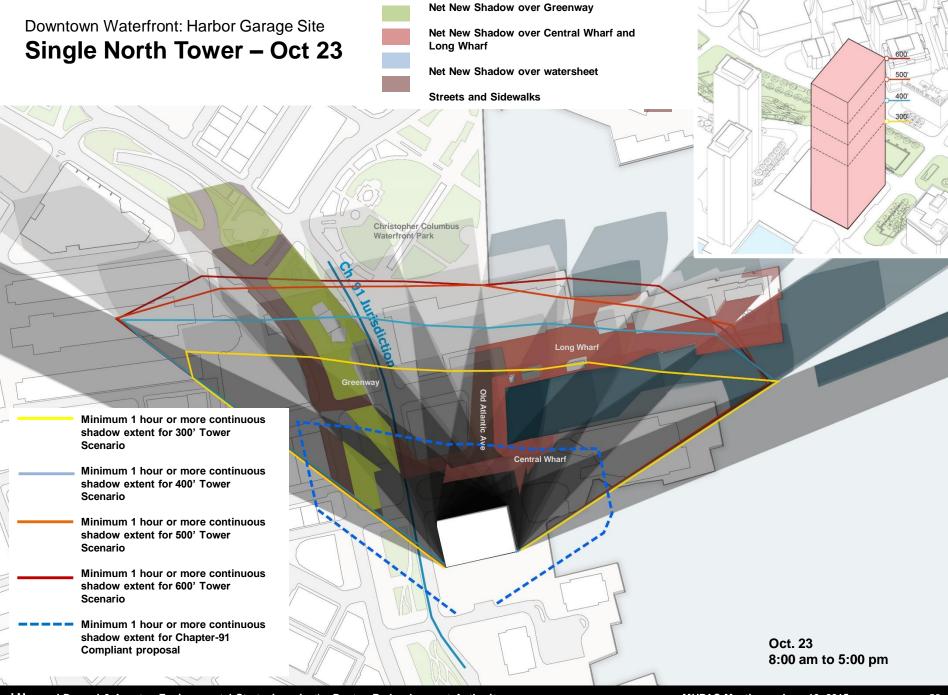
- Height
- One tower vs two towers
- Building Orientation
- Location of open space

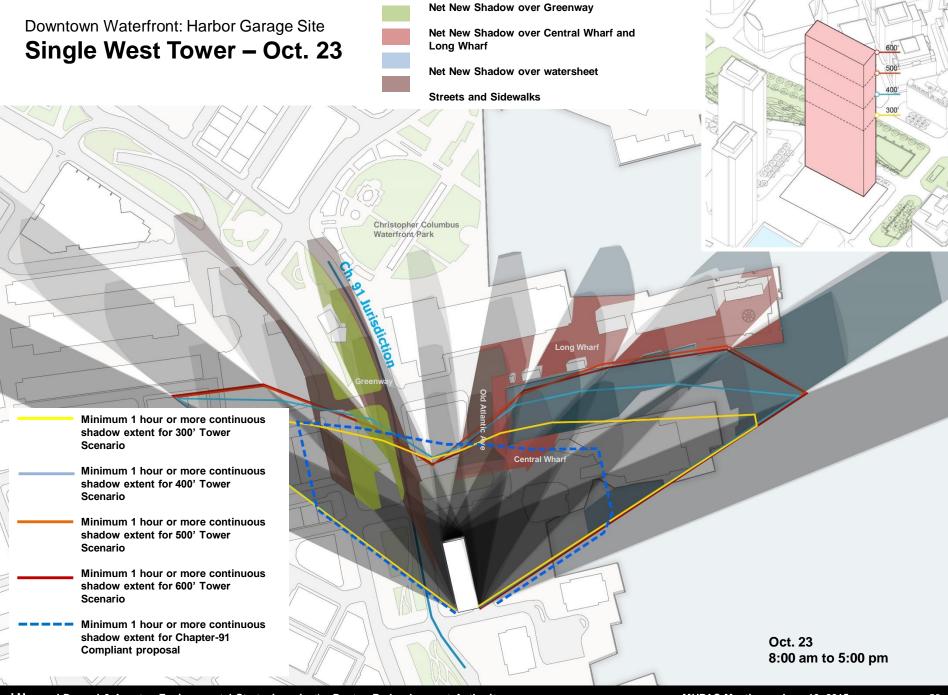
Chapter 91 Compliant Scenario











Downtown Waterfront: HG Site **Comparison**

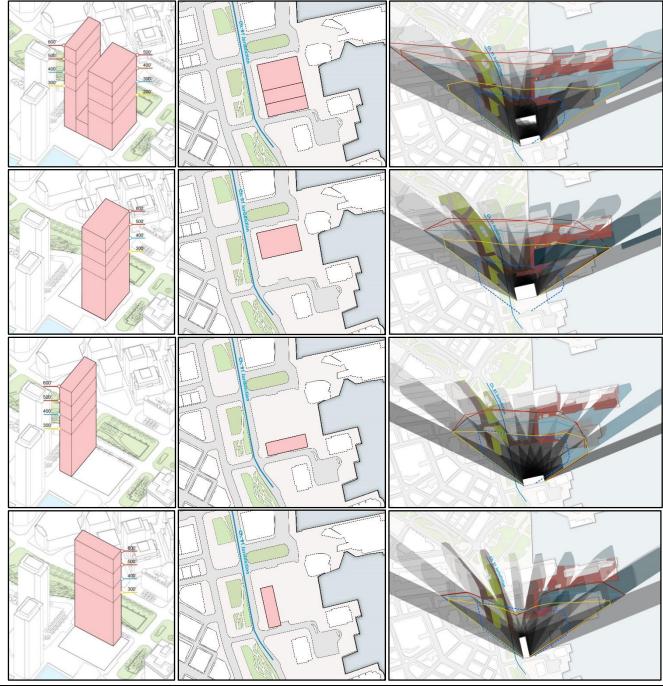
Oct. 23 8:00 am to 5:00 pm

Two Tower



Single South Tower

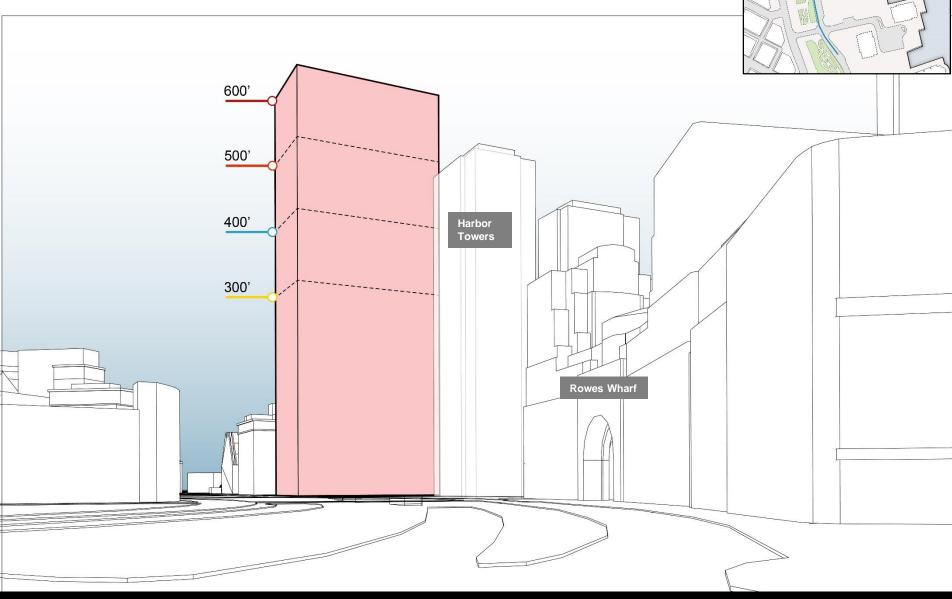
Single West Tower



Downtown Waterfront: Harbor Garage Site **Two Towers** 600' 500' 500' 400' 400' Harbor Towers 300' 300' 200' Rowes Wharf

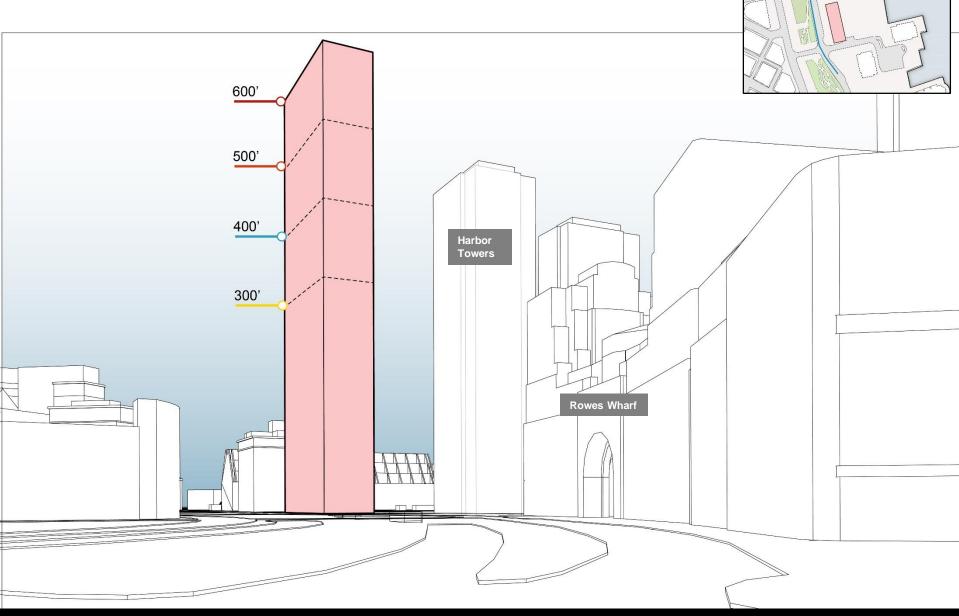
Downtown Waterfront: Harbor Garage Site **Single South Tower** 600' 500' 400' Harbor Towers 300' Rowes Wharf Downtown Waterfront: Harbor Garage Site

Single North Tower



Downtown Waterfront: Harbor Garage Site

Single West Tower



Additional Studies

Limiting Factors:

- Height 600' maximum
- Open Space 30% minimum
- Gross Floor Area 875,000 sf
- Cubic Volume 9.5M cu.ft.
- Shadow No net new 1hr. on Long Wharf

Methodology for Analysis of Various Massings

The following scenarios are tests to determine the appropriateness of various dimensional constraints on the site:

- · Height,
- Floor area,
- Volumetric density
- Open space
- Shadow impacts

A variety of uses (office, residential, retail) and building configurations (single towers, two towers, podiums) were explored to better understand the impacts of the various controls on the scale of possible development.

The following assumptions were used for various program components based on common development rules of thumb for particular typologies:

- Residential towers: 12,000sf floor plates for point towers, 65' width for double-loaded "bar" buildings (length variable), 9'-7" floor to floor heights.
- Office: Approximately 20,000+ sf floor plates, 13'-6" floor to floor heights.
- Retail: Predominately at lower levels in podium, 20' floor to floor.

It should be noted that nearly all schemes containing office are limited by the ceiling on volume, because the higher floor to floor heights typical of that use occupy more space. The residential schemes more typically reach a limit imposed by shadows or floor area, as the efficient floor to floor heights and smaller floor plates allow greater height within the imposed system of constraints. Mechanical spaces were not accounted for.

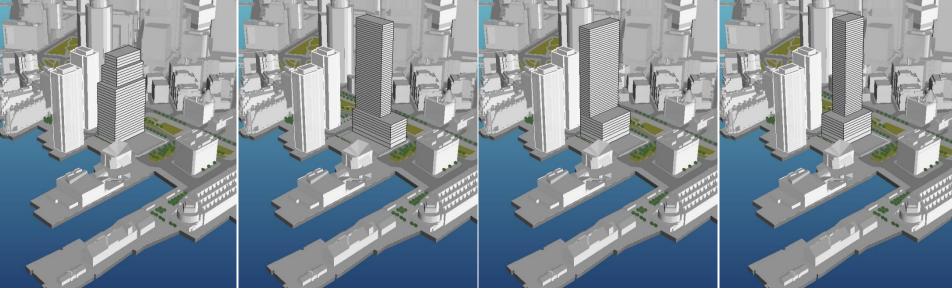
Build-out Calculations of Various Massings

A number of massing configurations at various scales were tested to understand the relationship between the proposed dimensional controls and the use and arrangement of buildings on the site.

The schemes are not recommended as specific urban design proposals. They are intended to demonstrate the variety of massing options that would be possible under a specific set of dimensional and performative criteria.

	1 Tower				2 Towers							2 Towers_Po	dium			
	Office-Step	Res-Bar	Res-Bar-90	Res-Point	Res_Office	Res_Office_b	Res_Office_flip	Office_Res	Pt_Res	Pt_Pt_flip	Pt_Res_flip	Pt_Res	Pt_Res_90	Pt_Pt	Pt_Pt_90	Pt_Pt_Flip
GFA	688206	838611	838001	739800	804000	823744	774660	756000	868401	863250	858201	846521	872826	874000	874000	874000
Volume (ft3)	9504800	9500900	9480800	8539700	9455900	9890300	9504700	9418900	8903300	8766100	8800600	9490700	9164500	9553600	9553600	9553600
FAR	12.0	14.6	14.6	12.9	14.0	14.3	13.5	13.1	15.1	15.0	14.9	14.7	15.2	15.2	15.2	15.2
OS (sf)	32359	27241	27535	27535	25535	5791	25795	25535	34135	37670	34335	20775	25323	29035	29035	29035
os %	56	47	48	48	44	10	45	44	59	65	60	36	44	50	50	50
Footprint (sf)	25176	30294	30000	30000	32000	51744	31740	32000	23400	19865	23200	36760	32212	28500	28500	28500
Height (ft)	427	585	566	595	415	415	405	306	514	504	514	409	437	528	528	528

Single Tower Scenarios

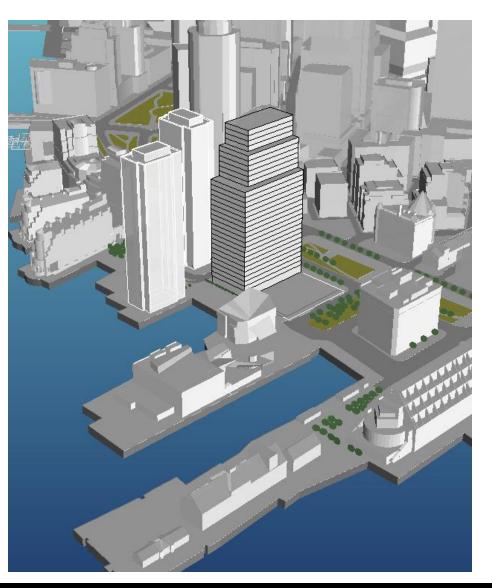


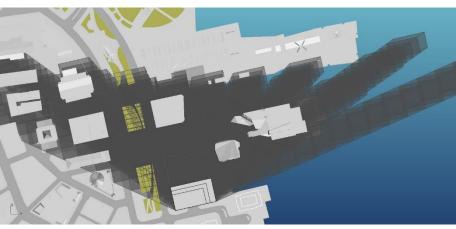
	Office – Step	Res - Bar	Res – Bar – 90	Res – Point
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	1 Tower			
	Office-Step	Res-Bar	Res-Bar-90	Res-Point
GFA	688206	838611	838001	739800
Volume (ft3)	9504800	9500900	9480800	8539700
FAR	12.0	14.6	14.6	12.9
OS (sf)	32359	27241	27535	27535
OS %	56	47	48	48
Footprint (sf)	25176	30294	30000	30000
Height (ft)	427	585	566	595

Limiting Variable

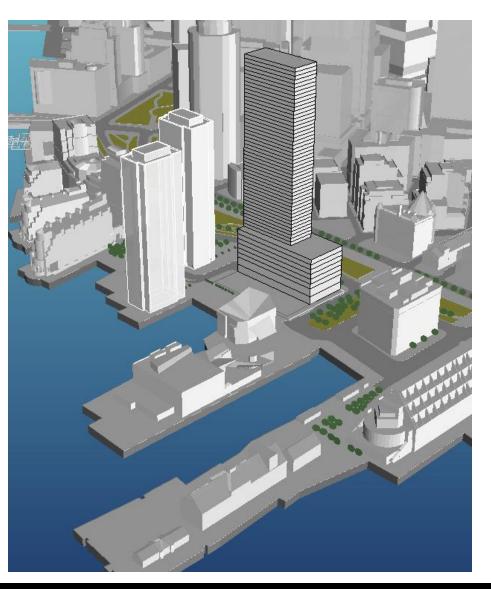
Stepped Tower open space on north

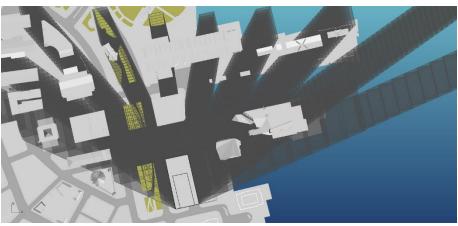




	1 Tower			
	Office-Step	Res-Bar	Res-Bar-90	Res-Point
GFA	688206	838611	838001	739800
Volume (ft3)	9504800	9500900	9480800	8539700
FAR	12.0	14.6	14.6	12.9
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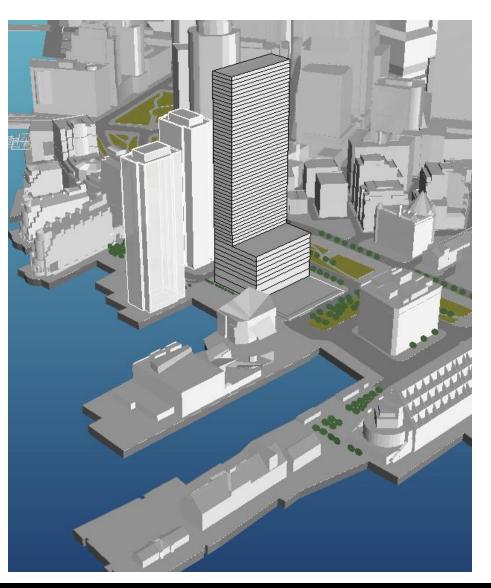
Residential Bar Tower open space on east

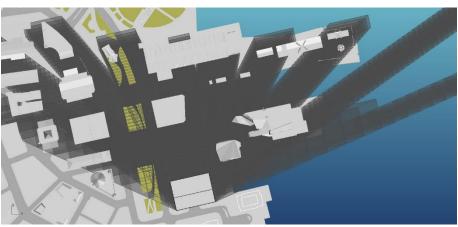




	1 Tower			
	Office-Step	Res-Bar	Res-Bar-90	Res-Point
GFA	688206	838611	838001	739800
Volume (ft3)	9504800	9500900	9480800	8539700
FAR	12.0	14.6	14.6	12.9
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os %	56	47	48	48
Footprint (sf)	25176	30294	30000	30000
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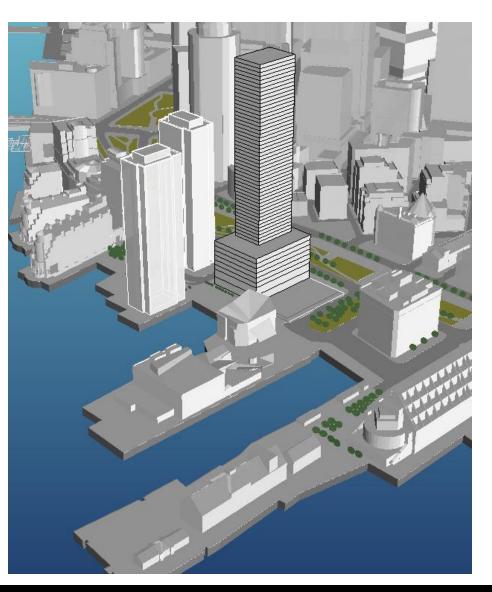
Residential Bar Tower open space on north

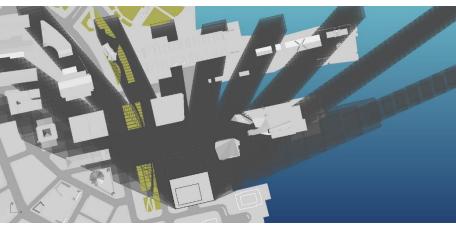




	1 Tower			
	Office-Step	Res-Bar	Res-Bar-90	Res-Point
GFA	688206	838611	838001	739800
Volume (ft3)	9504800	9500900	9480800	8539700
FAR	12.0	14.6	14.6	12.9
OS (sf)	32359	27241	27535	27535
os %	56	47	48	48
Footprint (sf)	25176	30294	30000	30000
Height (ft)	427	585	566	595

Residential Point Tower open space on north



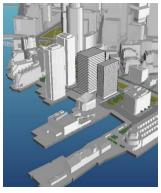


	1 Tower			
	Office-Step	Res-Bar	Res-Bar-90	Res-Point
GFA	688206	838611	838001	739800
Volume (ft3)	9504800	9500900	9480800	8539700
FAR	12.0	14.6	14.6	12.9
OS (sf)	32359	27241	27535	27535
os %	56	47	48	48
Footprint (sf)	25176	30294	30000	30000
Height (ft)	427	585	566	595

Two Tower Scenarios













Res - Office

Res - Office - flip

Office - Res

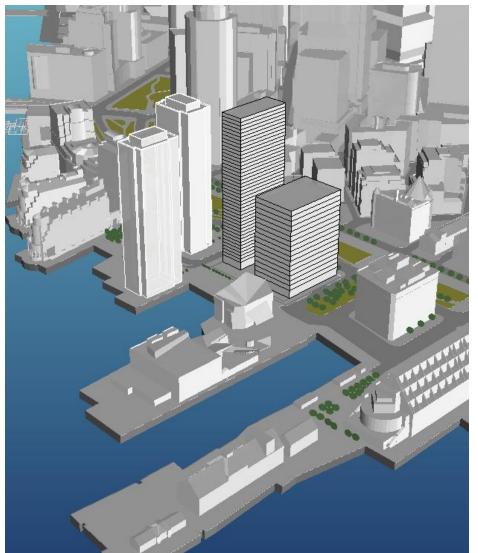
Point - Res

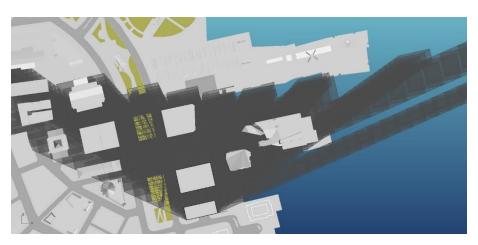
Point - Point - flip

Point - Res - flip

	2 Towers						
	Res_Office	Res_Office_b	Res_Office_flip	Office_Res	Pt_Res	Pt_Pt_flip	Pt_Res_flip
GFA	804000	823744	774660	756000	868401	863250	858201
Volume (ft3)	9455900	9890300	9504700	9418900	8903300	8766100	8800600
FAR	14.0	14.3	13.5	13.1	15.1	15.0	14.9
OS (sf)	25535	5791	25795	25535	34135	37670	34335
os %	44	10	45	44	59	65	60
Footprint (sf)	32000	51744	31740	32000	23400	19865	23200
Height (ft)	415	415	405	306	514	504	514
		-	-		Shadow	Shadow	Shadow

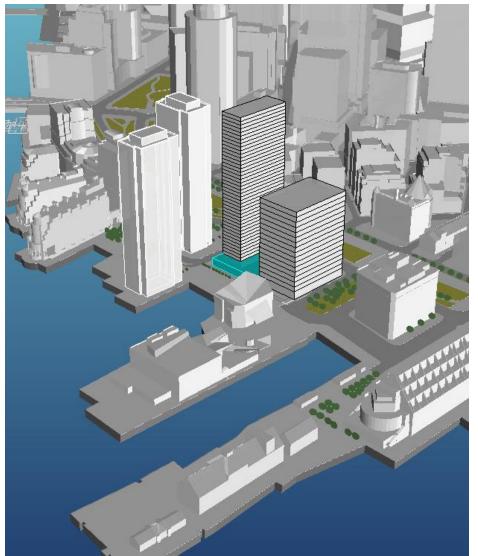
Residential - Office Scenario open space in center of parcel

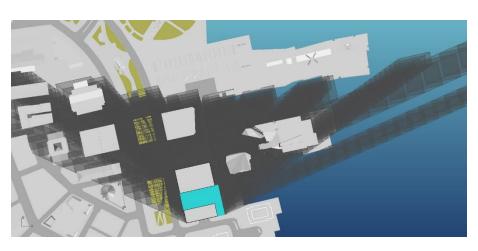




	2 Towers						
	Res_Office	Res_Office_b	Res_Office_flip	Office_Res	Pt_Res	Pt_Pt_flip	Pt_Res_flip
GFA	804000	823744	774660	756000	868401	863250	858201
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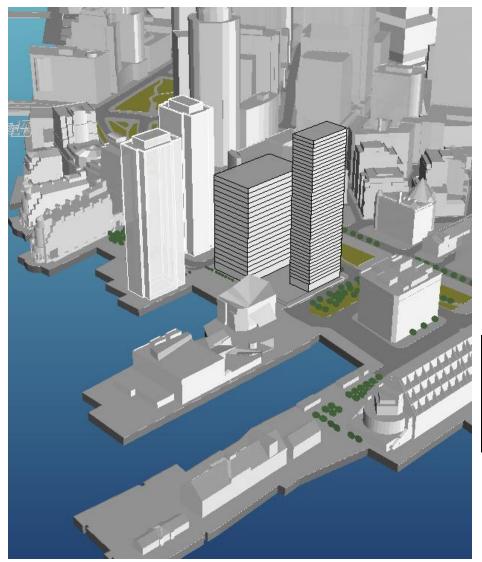
Residential - Office with open space under glass concept

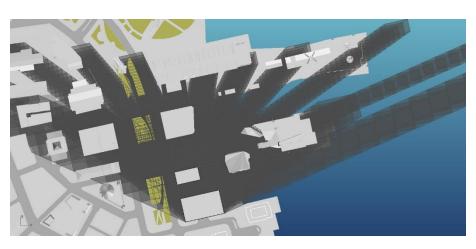




	2 Towers						
	Res_Office	Res_Office_b	Res_Office_flip	Office_Res	Pt_Res	Pt_Pt_flip	Pt_Res_flip
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Footprint (sf)	32000	51744	31740	32000	23400	19865	23200
Height (ft)	415	415	405	306	514	504	514

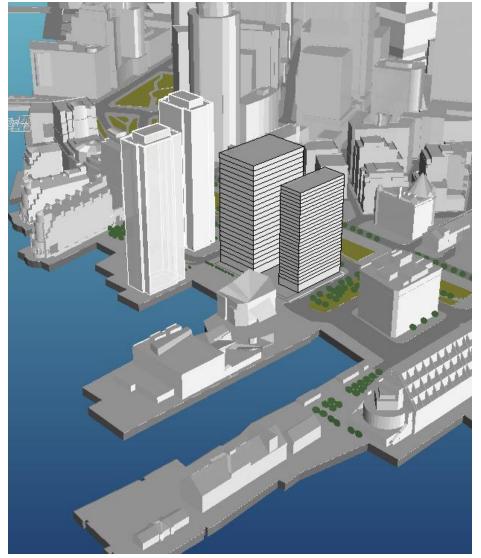
Residential – Office with open space in center and east

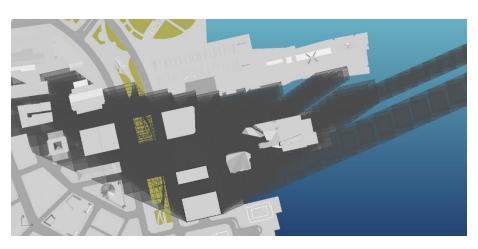




	owers						
D							
Res	_Office	Res_Office_b	Res_Office_flip	Office_Res	Pt_Res	Pt_Pt_flip	Pt_Res_flip
GFA	804000	823744	774660	756000	868401	863250	858201
Volume (ft3)	9455900	9890300	9504700	9418900	8903300	8766100	8800600
FAR	14.0	14.3	13.5	13.1	15.1	15.0	14.9
OS (sf)	25535	5791	25795	25535	34135	37670	34335
OS %	44	10	45	44	59	65	60
Footprint (sf)	32000	51744	31740	32000	23400	19865	23200
Height (ft)	415	415	405	306	514	504	514

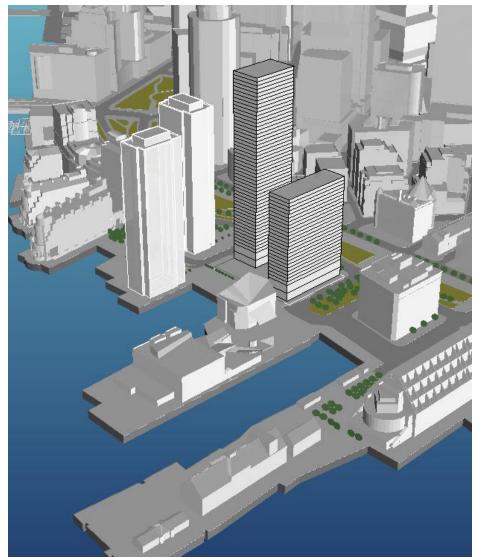
Residential – Office alternative

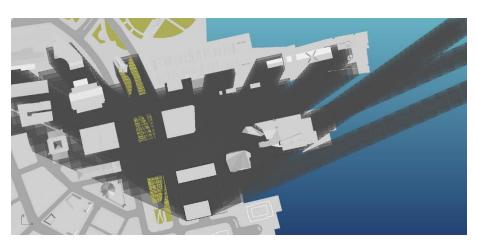




	2 Towers						
	Res_Office	Res_Office_b	Res_Office_flip	Office_Res	Pt_Res	Pt_Pt_flip	Pt_Res_flip
GFA	804000	823744	774660	756000	868401	863250	858201
Volume (ft3)	9455900	9890300	9504700	9418900	8903300	8766100	8800600
FAR	14.0	14.3	13.5	13.1	15.1	15.0	14.9
OS (sf)	25535	5791	25795	25535	34135	37670	34335
OS %	44	10	45	44	59	65	60
Footprint (sf)	32000	51744	31740	32000	23400	19865	23200
Height (ft)	415	415	405	306	514	504	514

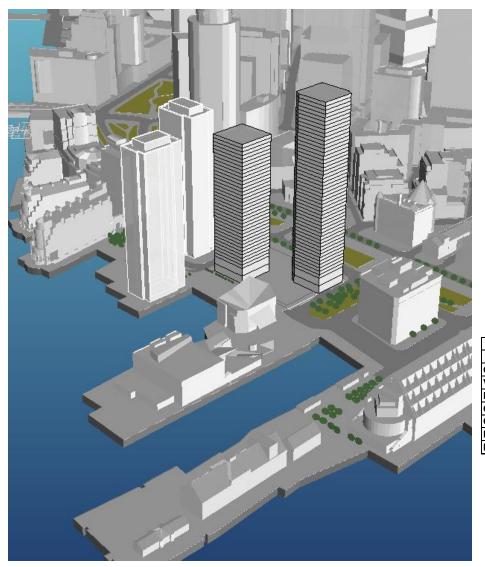
Point Residential Towers

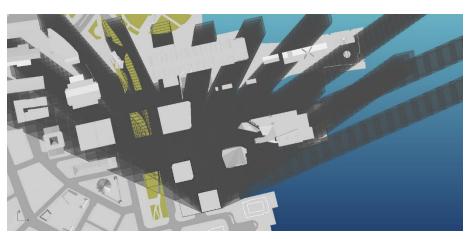




	2 Towers						
	Res_Office	Res_Office_b	Res_Office_flip	Office_Res	Pt_Res	Pt_Pt_flip	Pt_Res_flip
GFA	804000	823744	774660	756000	868401	863250	858201
Volume (ft3)	9455900	9890300	9504700	9418900	8903300	8766100	8800600
FAR	14.0	14.3	13.5	13.1	15.1	15.0	14.9
OS (sf)	25535	5791	25795	25535	34135	37670	34335
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Footprint (sf)	32000	51744	31740	32000	23400	19865	23200
Height (ft)	415	415	405	306	514	504	514

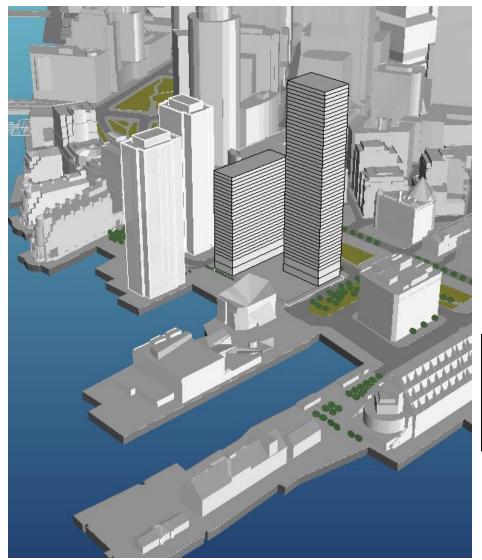
Point Towers

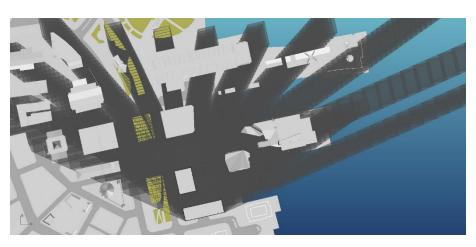




	2 Towers						
	Res_Office	Res_Office_b	Res_Office_flip	Office_Res	Pt_Res	Pt_Pt_flip	Pt_Res_flip
GFA	804000	823744	774660	756000	868401	863250	858201
Volume (ft3)	9455900	9890300	9504700	9418900	8903300	8766100	8800600
FAR	14.0	14.3	13.5	13.1	15.1	15.0	14.9
OS (sf)	25535	5791	25795	25535	34135	37670	34335
os %	44	10	45	44	59	65	60
Footprint (sf)	32000	51744	31740	32000	23400	19865	23200
Height (ft)	415	415	405	306	514	504	514

Point Residential Towers Alternative

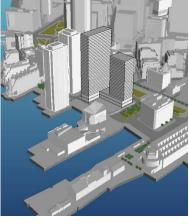




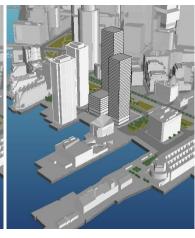
GFA 804000 823744 774660 756000 868401 863250 85820 Volume (ft3) 9455900 9890300 9504700 9418900 8903300 8766100 880060 FAR 14.0 14.3 13.5 13.1 15.1 15.0 14.1 OS (sf) 25535 5791 25795 25535 34135 37670 3433 OS % 44 10 45 44 59 65 66		2 Towers						
Volume (ft3) 9455900 9890300 9504700 9418900 8903300 8766100 880060 FAR 14.0 14.3 13.5 13.1 15.1 15.0 14.1 OS (sf) 25535 5791 25795 25535 34135 37670 3433 OS % 44 10 45 44 59 65 6		Res_Office	Res_Office_b	Res_Office_flip	Office_Res	Pt_Res	Pt_Pt_flip	Pt_Res_flip
FAR 14.0 14.3 13.5 13.1 15.1 15.0 14.1 OS (sf) 25535 5791 25795 25535 34135 37670 3433 OS % 44 10 45 44 59 65 6	GFA	804000	823744	774660	756000	868401	863250	858201
OS (sf) 25535 5791 25795 25535 34135 37670 3433 OS % 44 10 45 44 59 65 66	Volume (ft3)	9455900	9890300	9504700	9418900	8903300	8766100	8800600
OS % 44 10 45 44 59 65 6	FAR	14.0	14.3	13.5	13.1	15.1	15.0	14.9
	OS (sf)	25535	5791	25795	25535	34135	37670	34335
Footprint (sf) 32000 51744 31740 32000 23400 19865 2320	OS %	44	10	45	44	59	65	60
	Footprint (sf)	32000	51744	31740	32000	23400	19865	23200
Height (ft) 415 415 405 306 514 504 51	Height (ft)	415	415	405	306	514	504	514

Two Towers with Podium











Point - Res

Point - Res - 90

Point - Point

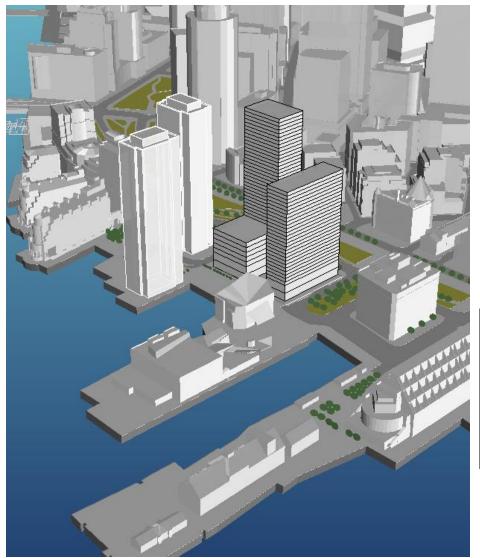
Point - Point - 90

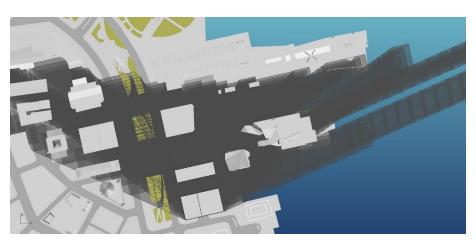
Point - Point - flip

	2 Towers_Po	dium			
	Pt_Res	Pt_Res_90	Pt_Pt	Pt_Pt_90	Pt_Pt_Flip
GFA	846521	872826	874000	874000	874000
Volume (ft3)	9490700	9164500	9553600	9553600	9553600
FAR	14.7	15.2	15.2	15.2	15.2
OS (sf)	20775	25323	29035	29035	29035
os %	36	44	50	50	50
Footprint (sf)	36760	32212	28500	28500	28500
Height (ft)	409	437	528	528	528
		Shadow		Shadow	

Limiting Variable

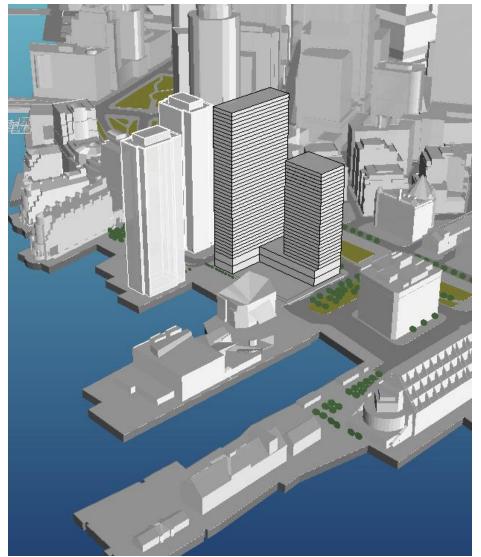
Point Residential with Podium

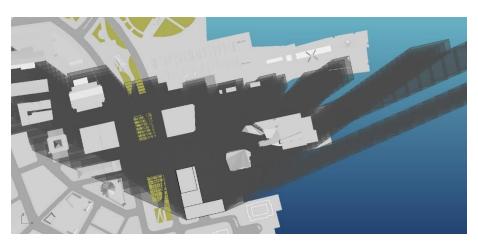




	2 Towers_Po	dium			
	Pt_Res	Pt_Res_90	Pt_Pt	Pt_Pt_90	Pt_Pt_Flip
GFA	846521	872826	874000	874000	874000
Volume (ft3)	9490700	9164500	9553600	9553600	9553600
FAR	14.7	15.2	15.2	15.2	15.2
OS (sf)	20775	25323	29035	29035	29035
os %	36	44	50	50	50
Footprint (sf)	36760	32212	28500	28500	28500
Height (ft)	409	437	528	528	528

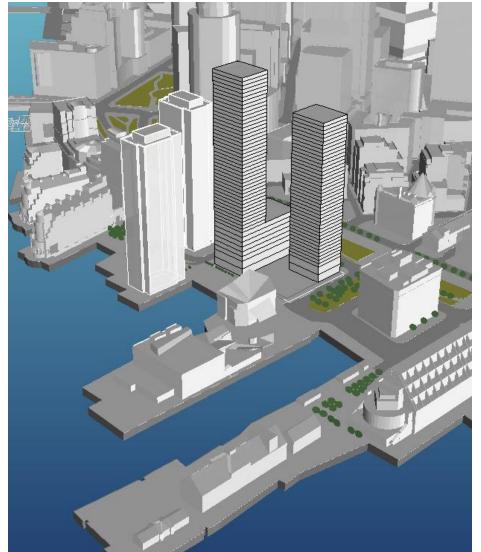
Point Residential with Podium Alternative

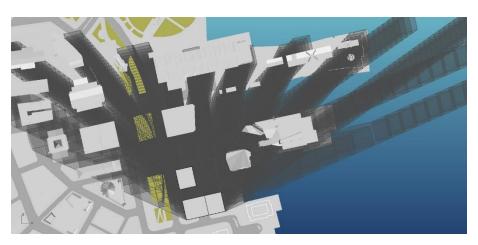




	2 Towers_Po	dium			
	Pt_Res	Pt_Res_90	Pt_Pt	Pt_Pt_90	Pt_Pt_Flip
GFA	846521	872826	874000	874000	874000
Volume (ft3)	9490700	9164500	9553600	9553600	9553600
FAR	14.7	15.2	15.2	15.2	15.2
OS (sf)	20775	25323	29035	29035	29035
os %	36	44	50	50	50
Footprint (sf)	36760	32212	28500	28500	28500
Height (ft)	409	437	528	528	528

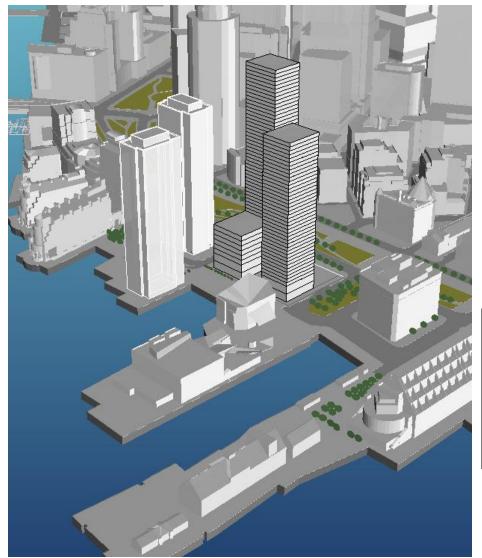
Point Towers

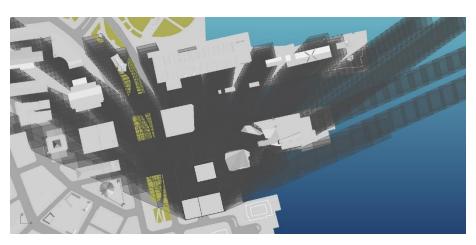




	2 Towers_Po	dium			
	Pt_Res	Pt_Res_90	Pt_Pt	Pt_Pt_90	Pt_Pt_Flip
GFA	846521	872826	874000	874000	874000
Volume (ft3)	9490700	9164500	9553600	9553600	9553600
FAR	14.7	15.2	15.2	15.2	15.2
OS (sf)	20775	25323	29035	29035	29035
os %	36	44	50	50	50
Footprint (sf)	36760	32212	28500	28500	28500
Height (ft)	409	437	528	528	528

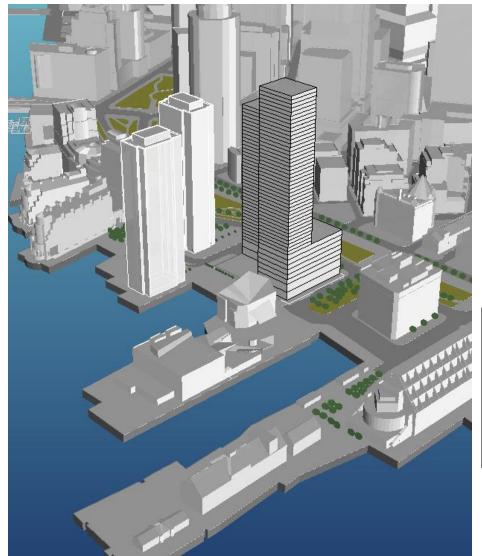
Point Towers Alternative

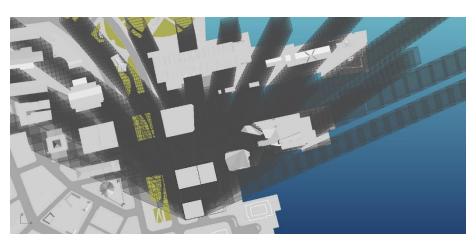




	2 Towers_Po	dium			
	Pt_Res	Pt_Res_90	Pt_Pt	Pt_Pt_90	Pt_Pt_Flip
GFA	846521	872826	874000	874000	874000
Volume (ft3)	9490700	9164500	9553600	9553600	9553600
FAR	14.7	15.2	15.2	15.2	15.2
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Height (ft)	409	437	528	528	528

Point Towers Alternative





	2 Towers_Po	dium			
	Pt_Res	Pt_Res_90	Pt_Pt	Pt_Pt_90	Pt_Pt_Flip
GFA	846521	872826	874000	874000	874000
Volume (ft3)	9490700	9164500	9553600	9553600	9553600
FAR	14.7	15.2	15.2	15.2	15.2
OS (sf)	20775	25323	29035	29035	29035
os %	36	44	50	50	50
Footprint (sf)	36760	32212	28500	28500	28500
Height (ft)	409	437	528	528	528

Matrix of Limiting Factors

	1 Tower				2 Towers							2 Towers_Podi um	1			
	Office-Step	Res-Bar	Res-Bar-90	Res-Point	Res_Office	Res_Office_b	Res_Office_flip	Office_Res	s Pt_Res	Pt_Pt_flip	Pt_Res_flip	Pt_Res	Pt_Res_90	Pt Pt	Pt_Pt_90	Pt Pt Flip
GFA	688206	6 838611	1 838001	1 739800	804000	0 823744	4 774660	0 756000	0 868401	1 863250	0 858201	1 846521	872826	6 874000	00 874000	0 874000
Volume (ft3)	9504800	0 9500900	0 9480800	0 8539700	9455900	0 9890300	9504700	0 9418900	0 8903300	0 8766100	0 8800600	9490700	9164500	0 9553600	9553600	0 9553600
FAR	12.0	0 14.6	6 14.6	6 12.9	9 14.0	0 14.3	3 13.5	5 13.1	1 15.1	1 15.0	0 14.9	.9 14.7	.7 15.2	2 15.2	.2 15.2	2 15.2
OS (sf)	32359	9 27241	1 27535	5 27535	5 25535	5 5791	1 25795	5 25535	5 34135	5 37670	0 34335	5 20775	75 25323	3 29035	35 29035	
os %	56															
Footprint (sf)	25176															
Height (ft)	427															
Shadow	TEI		000	000	710	710	100	000		1-hour shad		100		1-hr shado		ULU

Note: Red box indicates the control that limits the size of a particular scenario

Harbor Garage Site: Proposed Maximums

Harbor Garage Site

Height (maximum height, including mechanicals)

600'

Density

GFA

875,000 sf

Cubic Volume

9.5 mil. cu.ft.

Shadows

No net new 1hr. shadow Long Wharf

Open Space Min.

30%*

*with potential consideration of public spaces under glass or open to exterior





Qualitative Design Issues addressed within the MHP

Public spaces

 Orientation, Physical Qualities, Porosity, Accessibility

Ground floor uses

Adjacencies, sizes, etc.

Buildings

Material qualities, transparency, etc.

Views

Skyline, visibility of historic assets, key corridors



Source: BPL, photographer Leslie Jones, c. 1929

Quantitative Design Issues: Proposed Maximums

	Long Wharf Marriott	Hook Lobster Site	Harbor Garage Site	
Height (maximum height, including mechanicals)	-	305'	600'	
Density				
GFA	-	275,000 sf	875,000 sf	
Cubic Volume	-	3.1M cu.ft.	9.5 mil. cu.ft.	
Shadows	No ne	et new 1hr. Shadow Long	Wharf	
Open Space Min.	20%	30%	30%*	

*with potential consideration of public spaces under glass or open to exterior

Next Meeting

Wednesday, June 24th, 6-8 pm

