

Pelli Clarke Pelli Architects

ARROWSTREET























ARUP









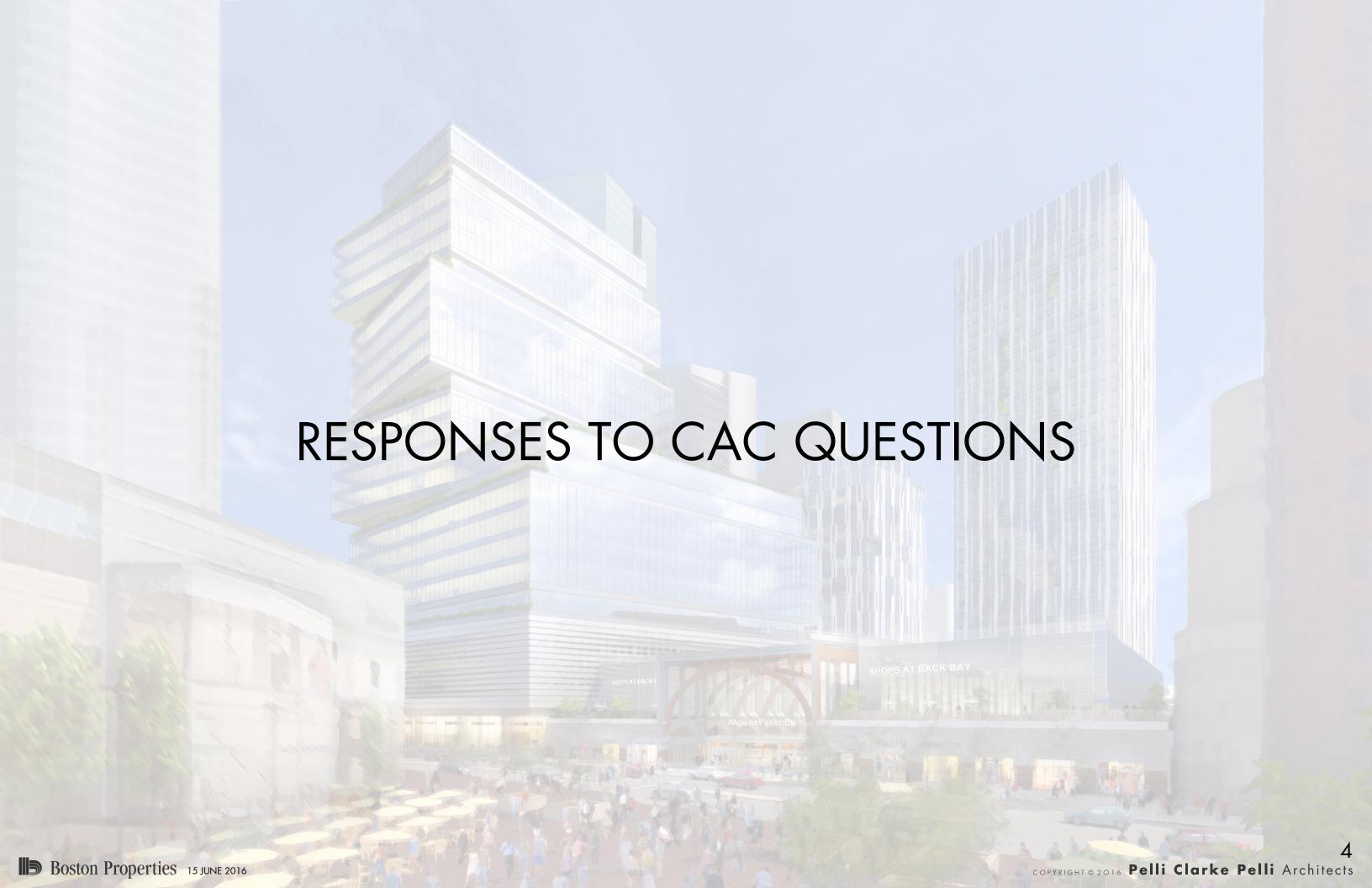


KEY DATES

- CAC #4 Meeting June 15th 8-10am
- MEPA Public Comment Period Ends June 17th
- PNF Public Comment Period Ends June 17th
- CAC #5 Meeting June 29th 6-8pm

AGENDA

- Responses to CAC Questions
- Wind
- Shadow
- Traffic
- Parking
- Potential On-Ramp Closure
- Future CAC Meeting Topics:
 - Public Realm/Streetscape
 - Sustainability
 - Housing (Including Affordable Housing)
 - Covered Connections Security And Access
 - Wayfinding Around Site
 - Overall Retail Strategy
 - Other Topics As Needed

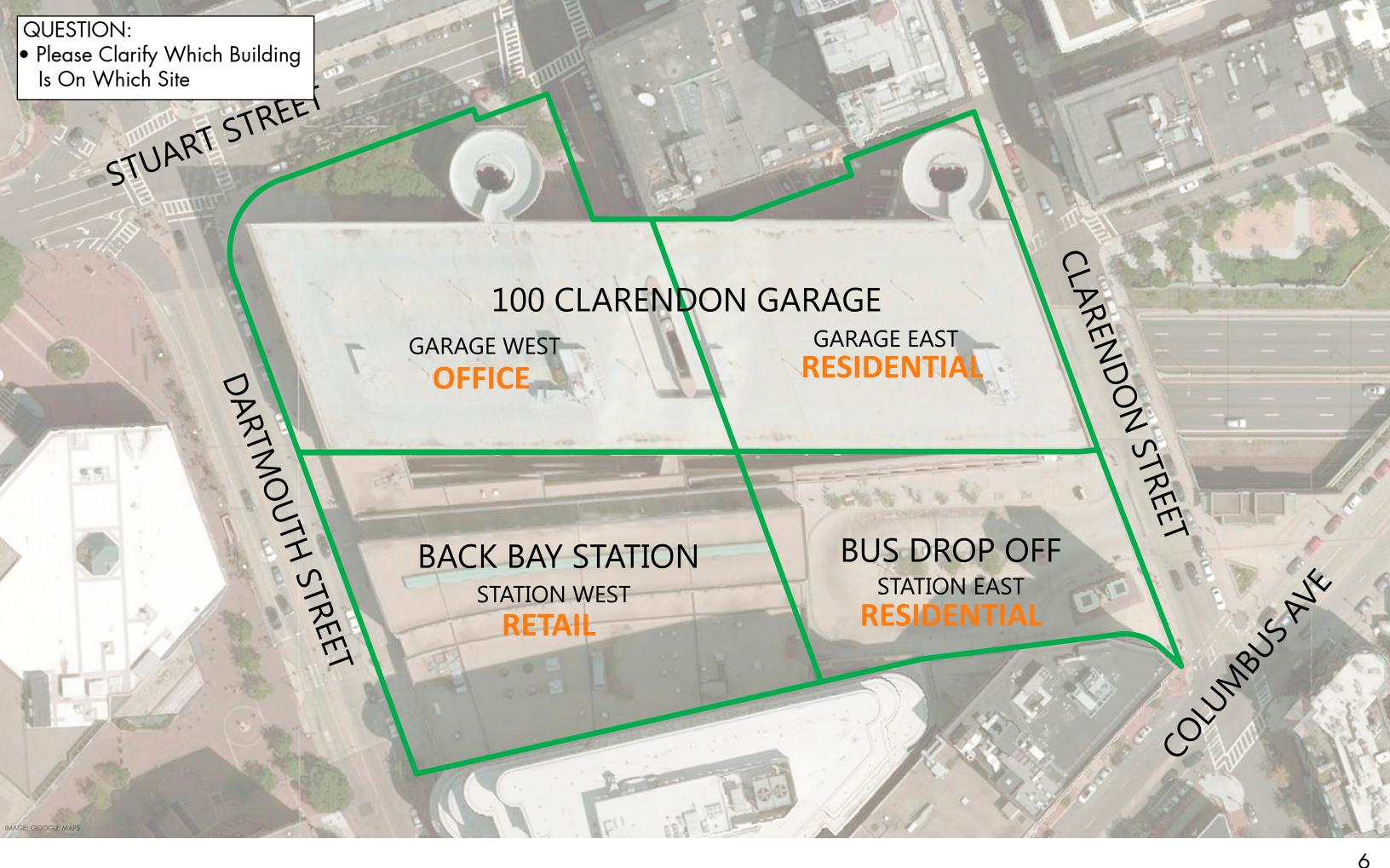


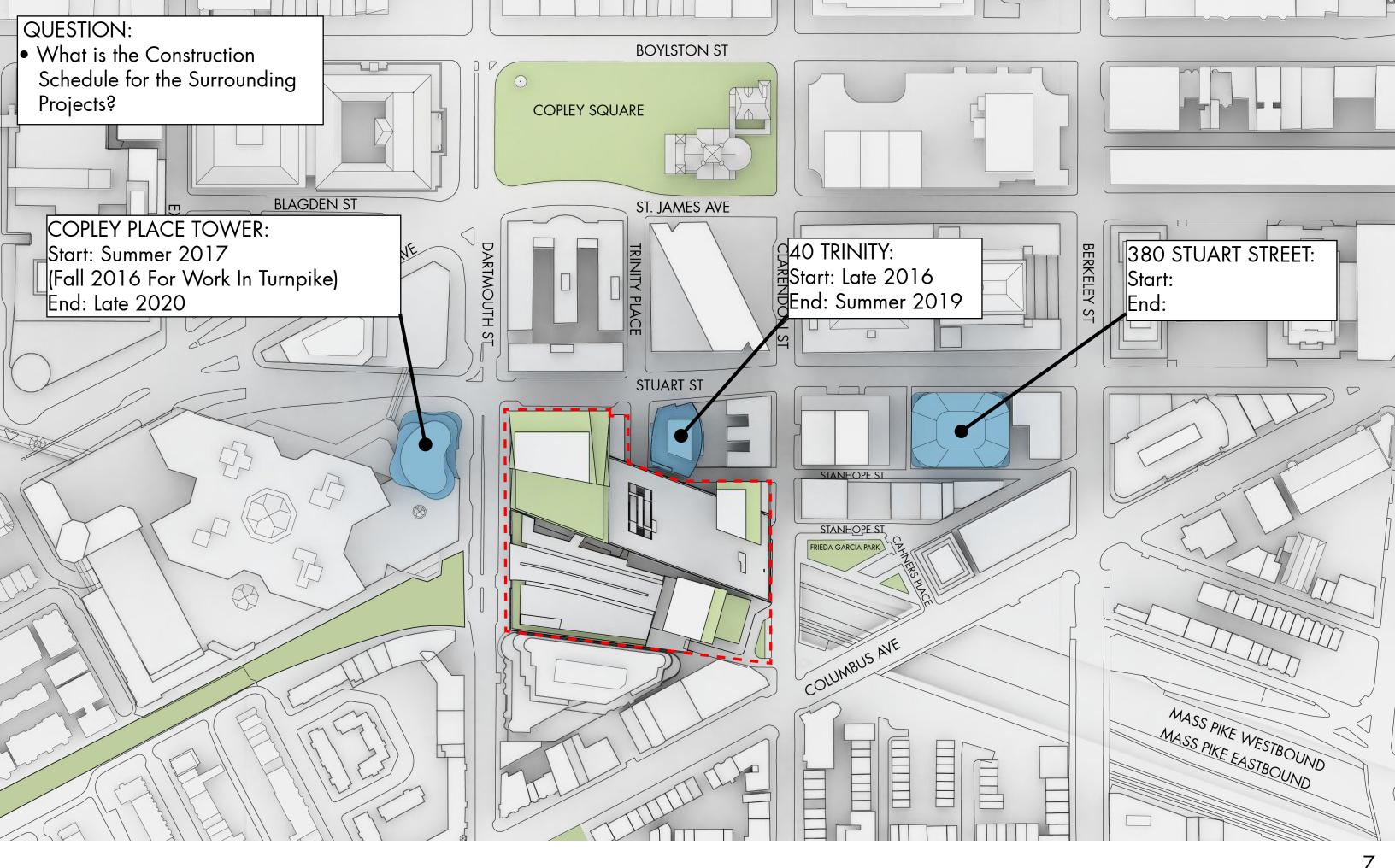
QUESTION:

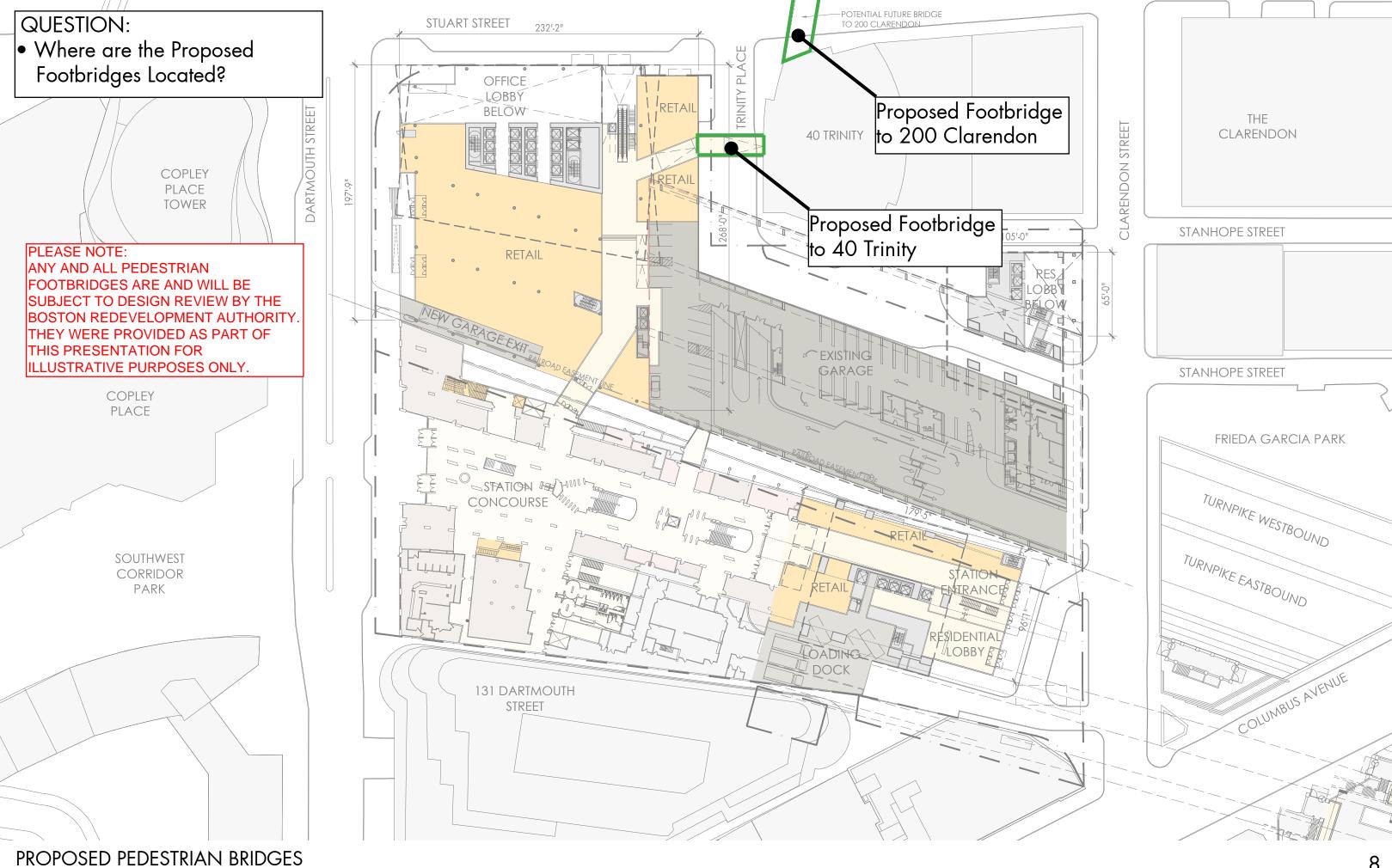
 How does the CAC PRocess work with the project review process?

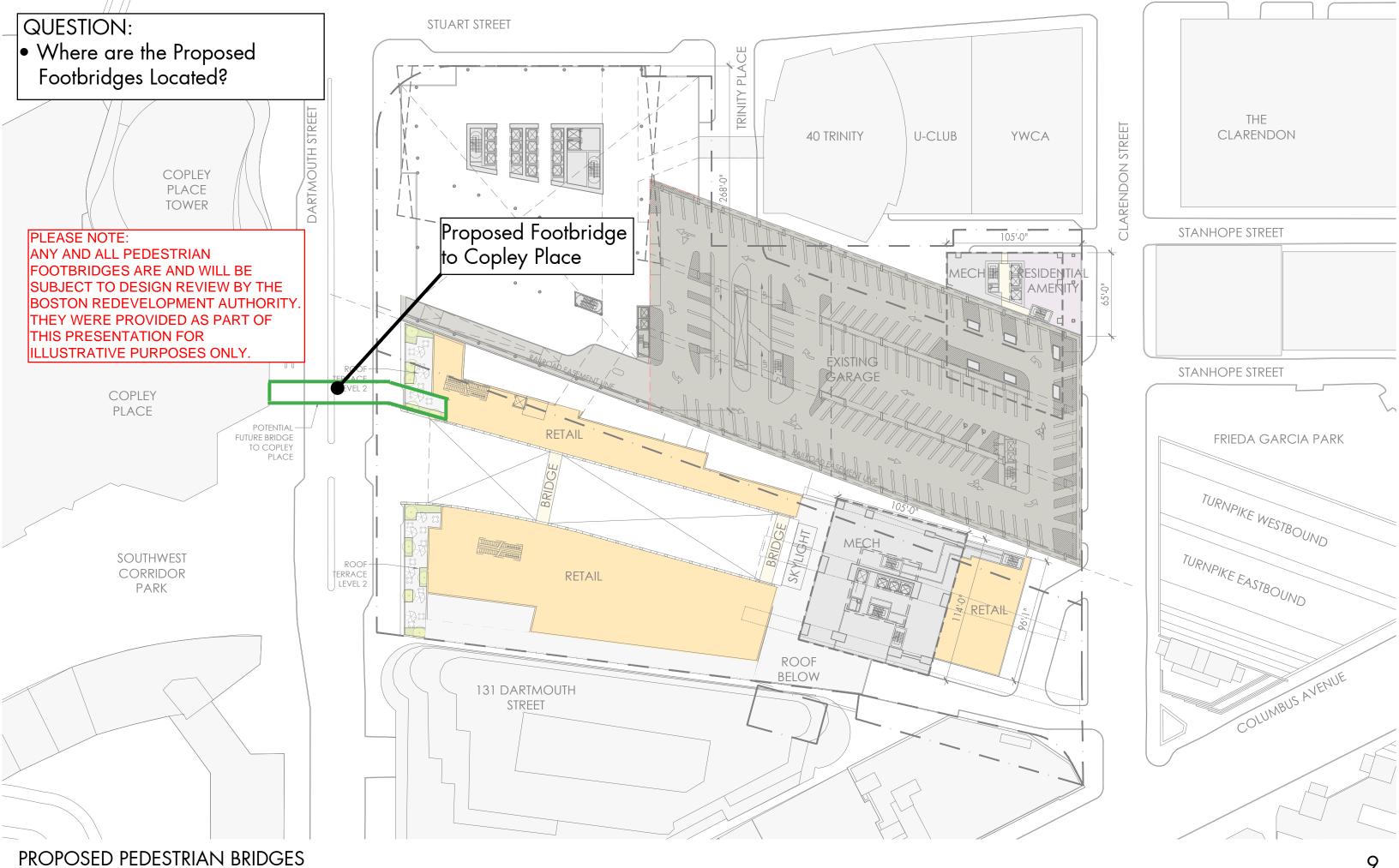
PROJECT PROCESS

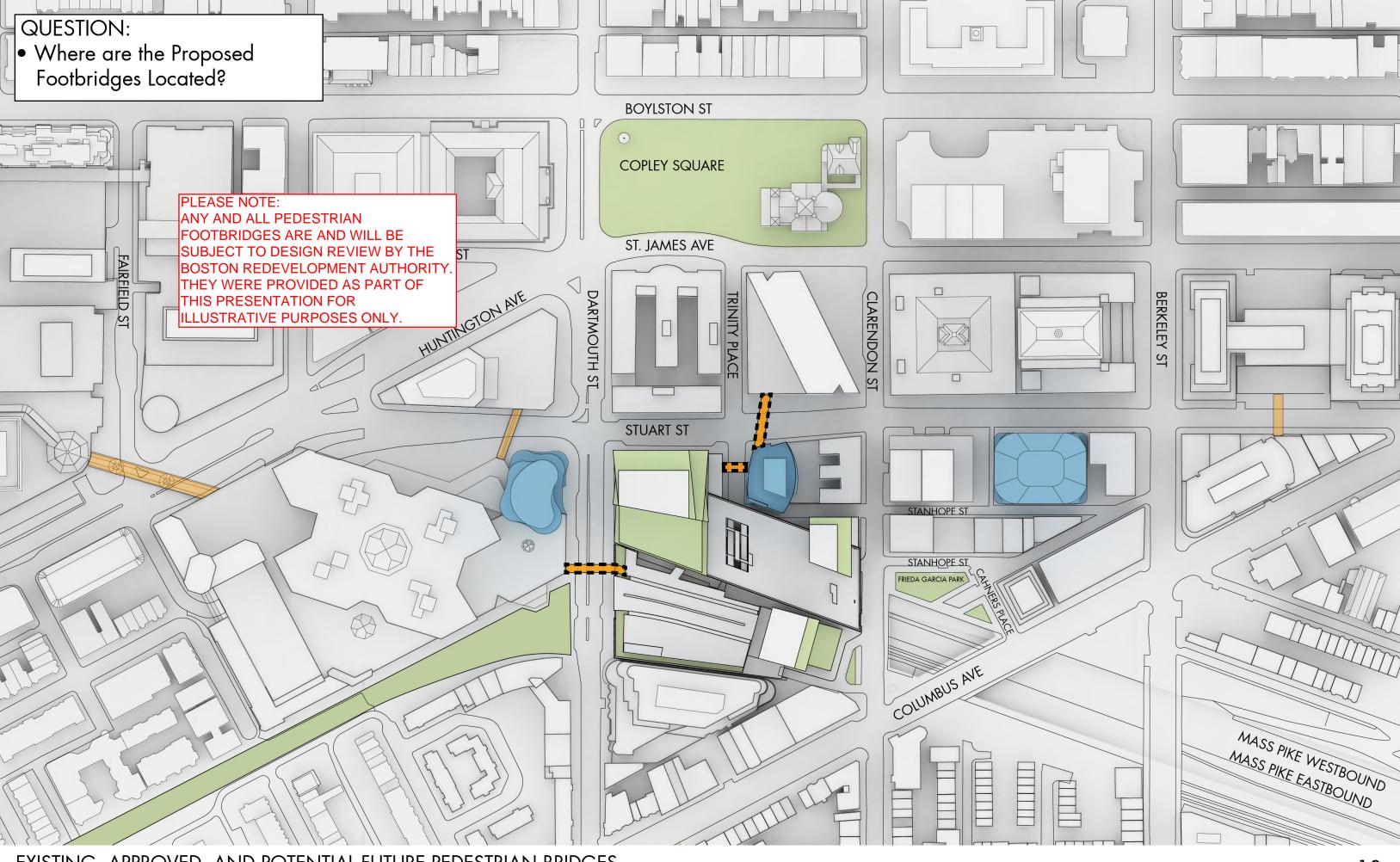
- Article 80 Review
 - PNF
 - Public/Agency Comment Period
 - BRA Scoping Determination
 - DPIR (Draft Project Impact Report)
 - Public/Agency Comment Period
 - BRA Scoping Determination or Waiver of Further Review
 - FPIR (Final Project Impact Report)
 - Adequacy Determination
- MEPA Review (Concurrent)
 - ENF
 - Public/Agency Comment Period
 - Secretary's Certificate
 - DEIR (Draft Environmental Impact Report)
 - Public/Agency Comment Period
 - Secretary's Certificate
 - FEIR (Final Environmental Impact Report)
 - Secretary's Certificate



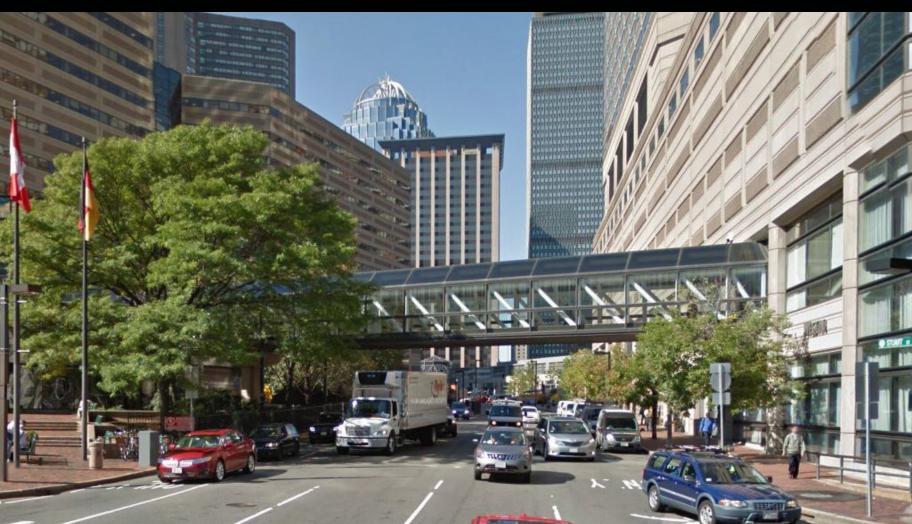




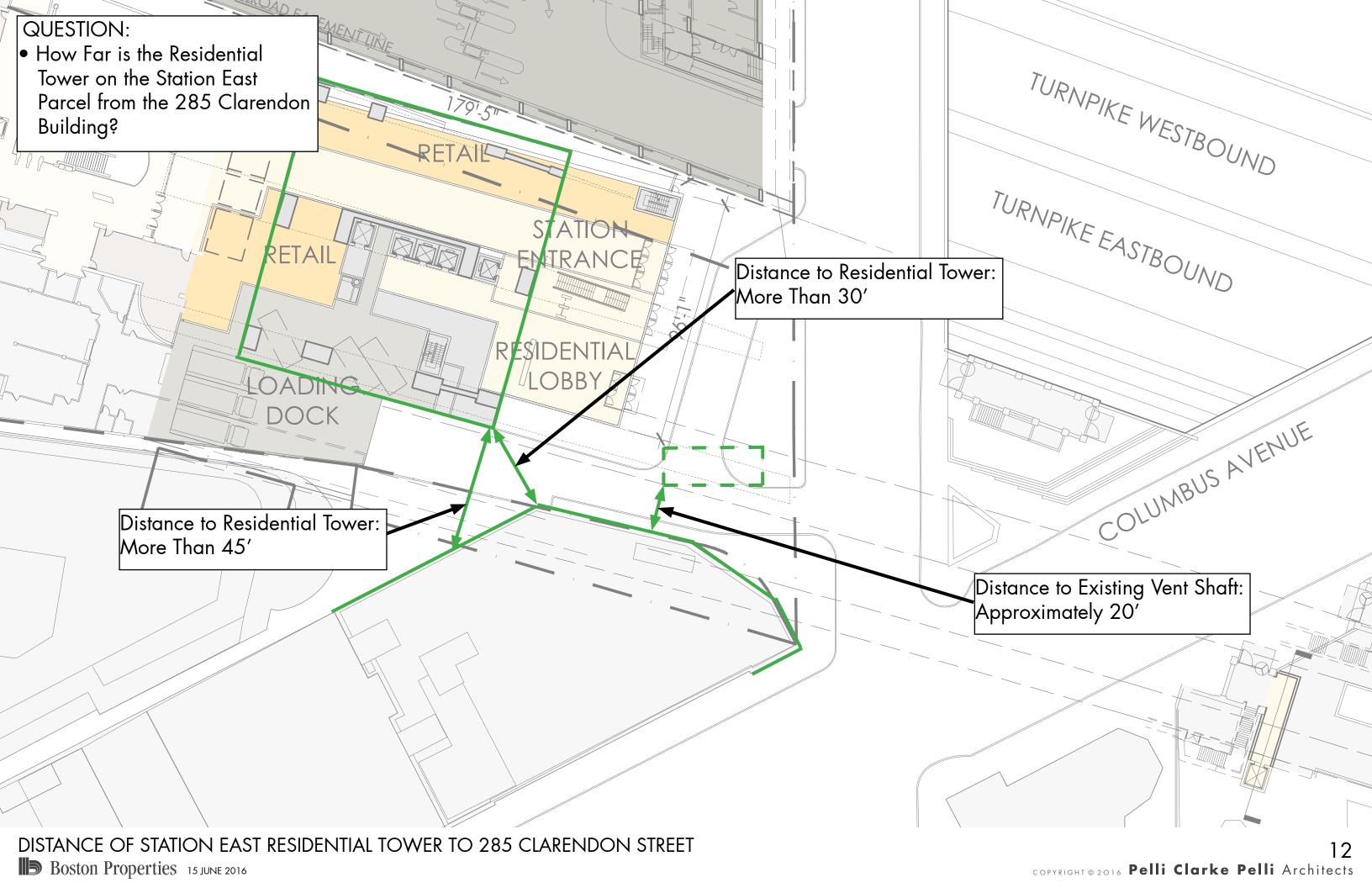














METHODOLOGY

- 1:400 Scale Model
- 1,600 FT Study Radius
 - o Berkeley to Exeter Street
 - o Boylston to Chandler Street
- 130 Study Locations
- 48 Study Locations on or Around The Site
- No Build Condition
 - o Includes Existing Buildings and Approved Projects
- **Built Condition**
 - o Adds in The Project
 - o Both Base and Alternate Schemes Considered

COMFORT CRITERIA

Comfort Criteria (Melbourne Criteria):

Annual Mean Speed: Miles Per Hour:

• Sitting < 12

• Standing 12 – 15

• Walking 16 – 19

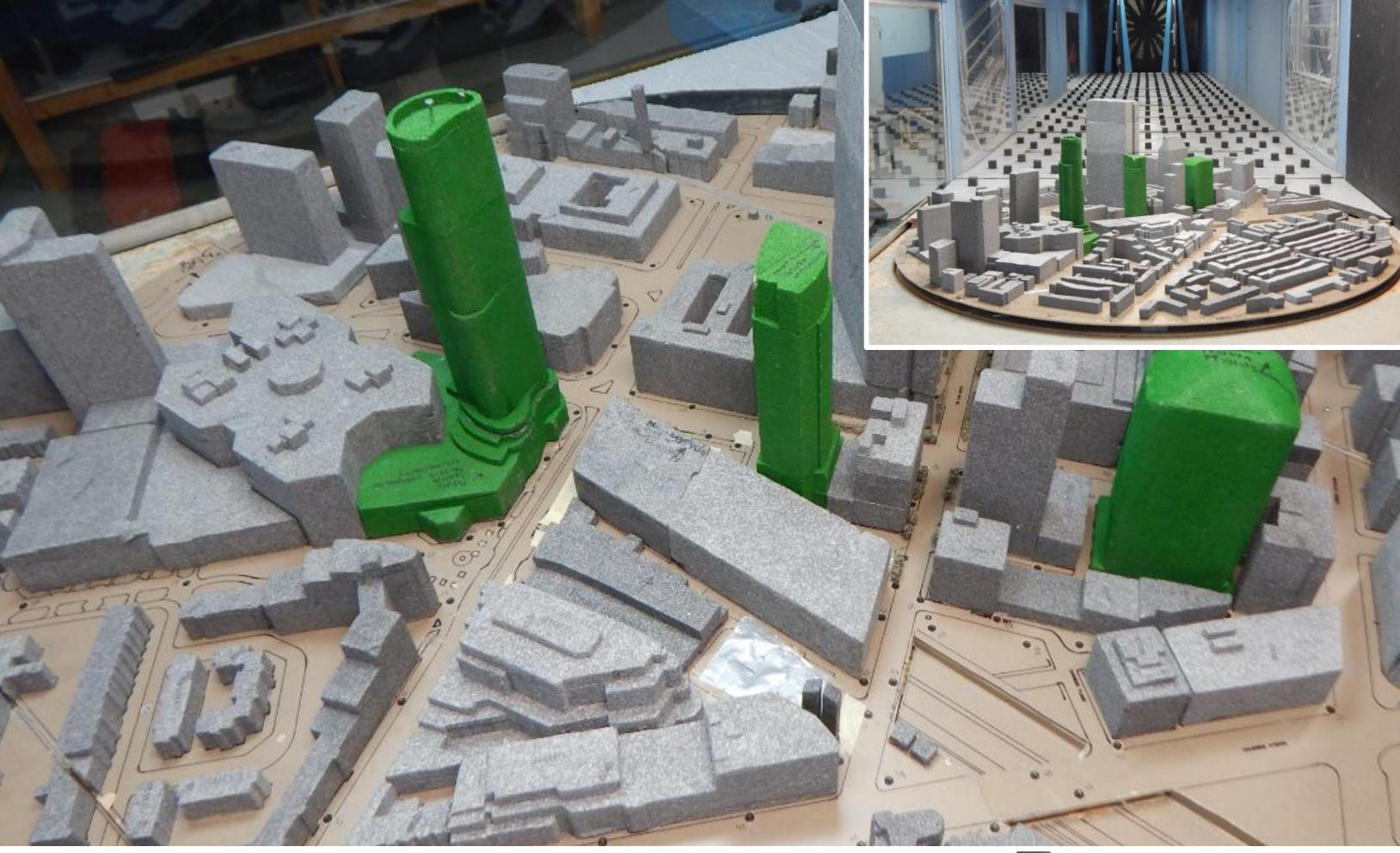
Uncomfortable 20 – 27

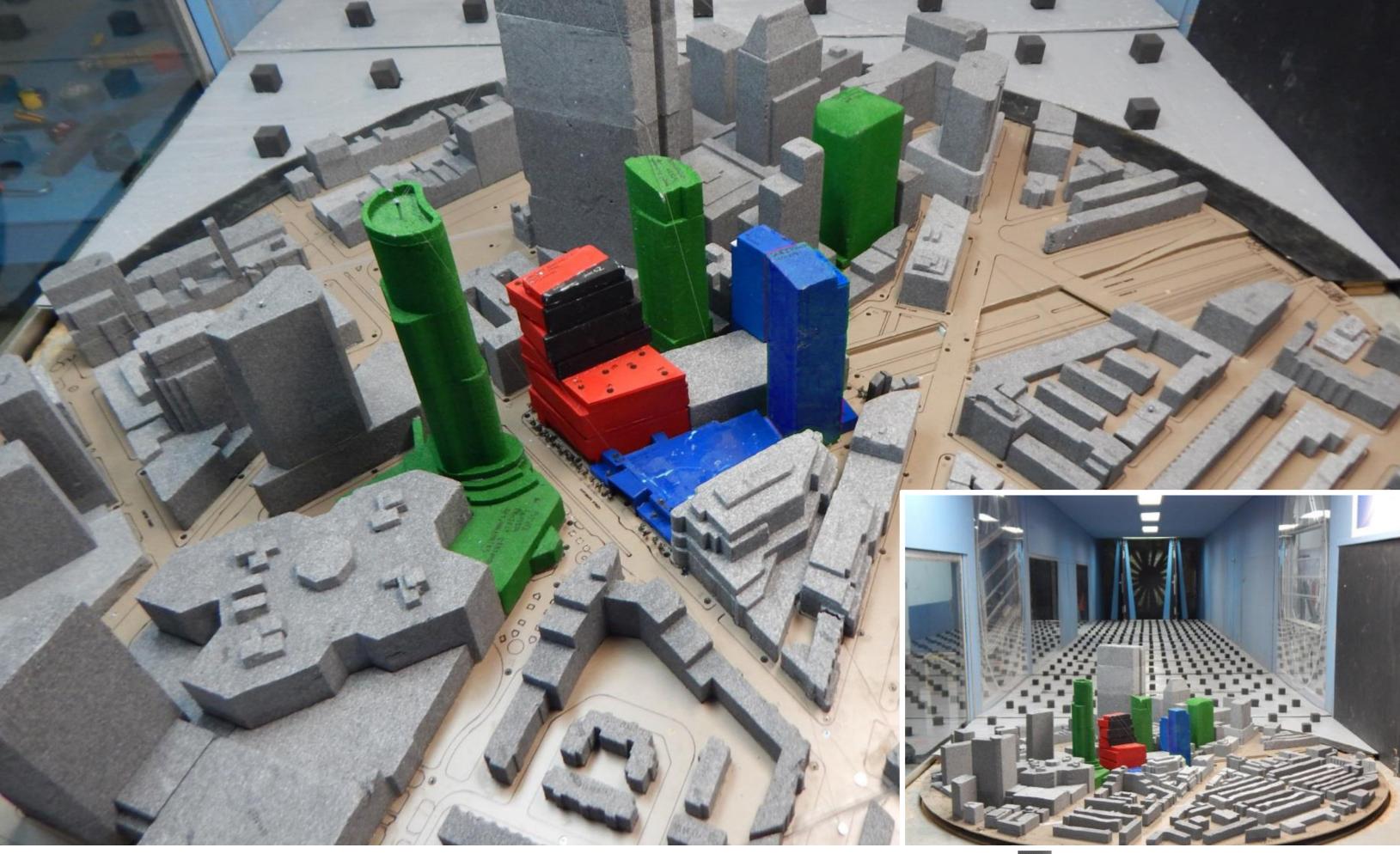
Dangerous > 27

Effective Gusts:

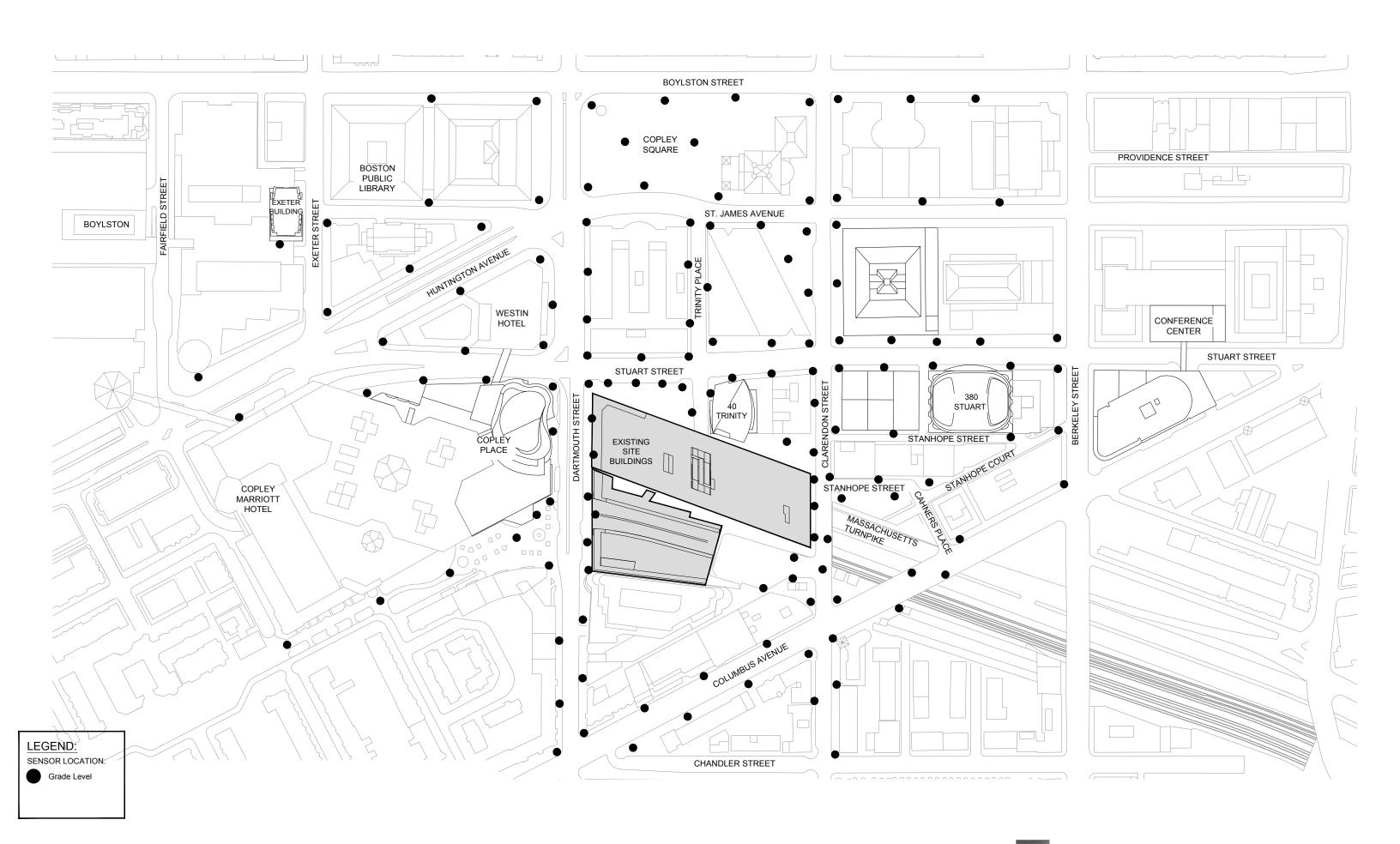
Acceptable< 31 mph

Unacceptable
 31 mph









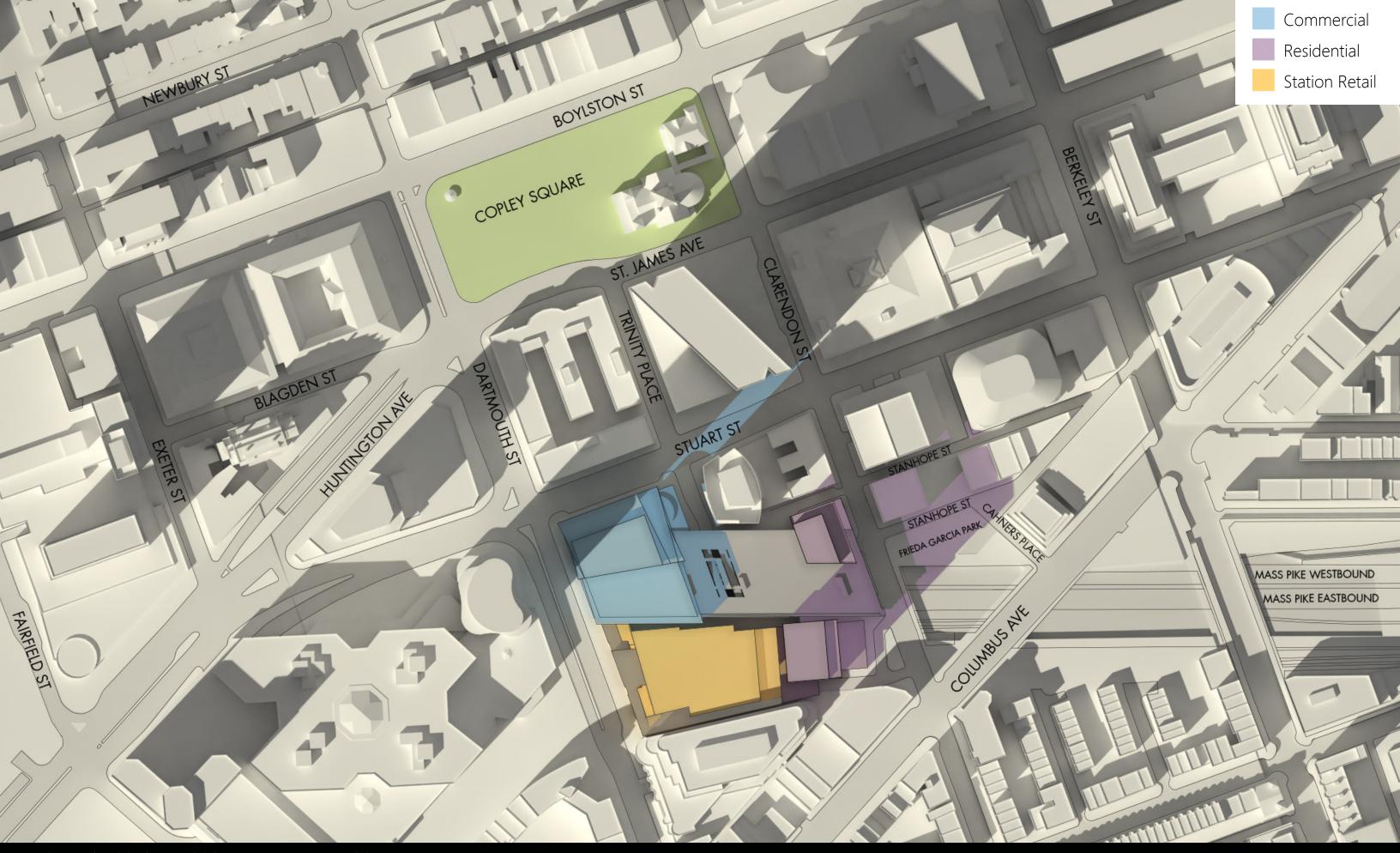
PRELIMINARY RESULTS

- Complete Analysis Will Be In The Draft Project Impact Report
- Base Scheme And Alternate Scheme Nearly Identical
- Majority Of Locations Showed No Impact From Project
- General Improvement In Other Locations
- Consistent Improvement In Areas Adjacent To Project, Especially Along:
 - o Stuart Street
 - o Clarendon Street
 - o Dartmouth Street
- Some Locations Showed Modest Wind Increases (2-3 mph)
 - o Stuart Street / Trinity Place Intersection
 - o Columbus Avenue
- Continue to Work on Improvements As Design Develops





































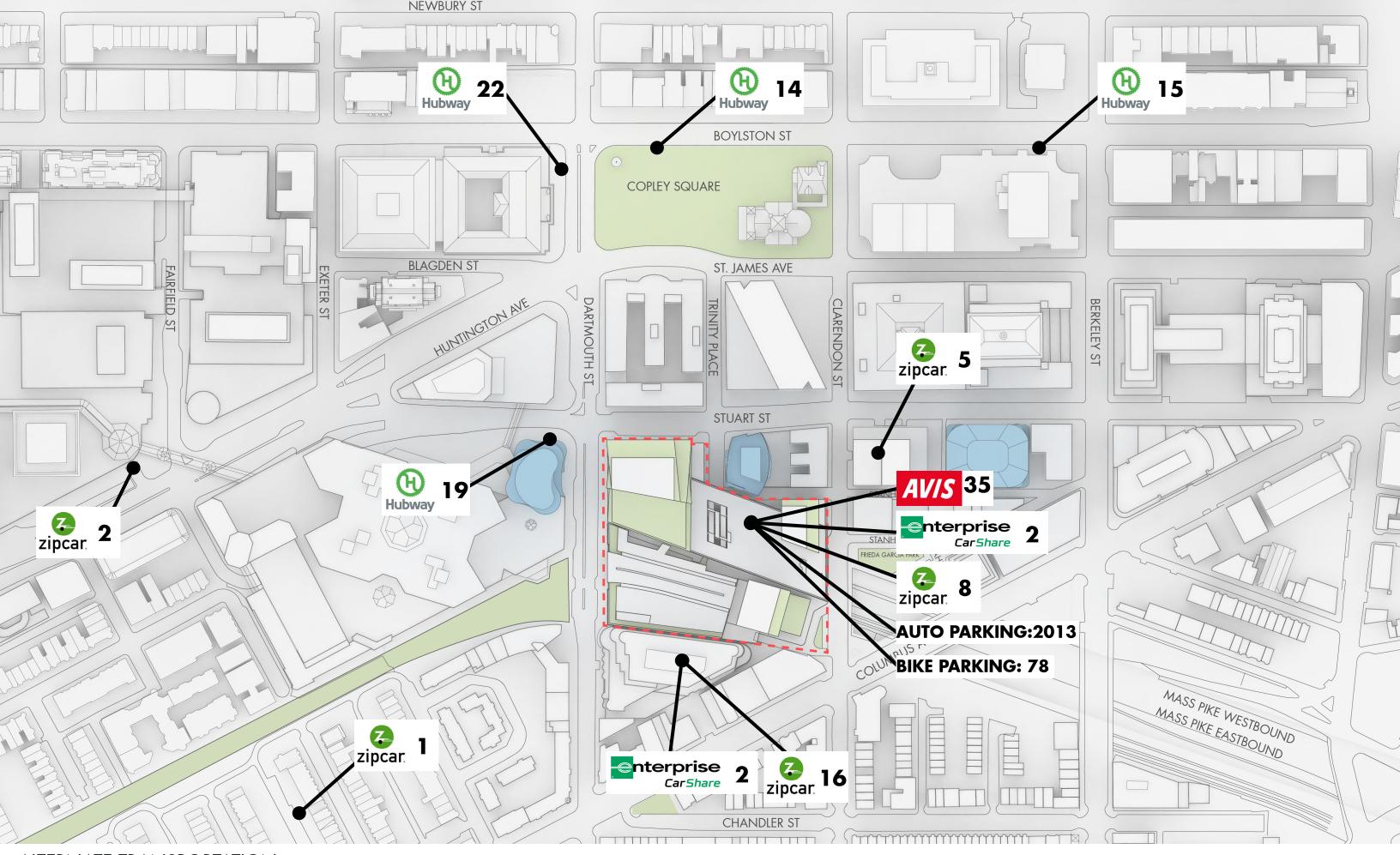




TRAVEL MODE SHARES FOR PROJECT LOCATION

Mode	Office	Residential	Retail
Vehicles	30%	19%	30%
Rideshare	7%	4%	7%
Transit	51%	31%	51%
Walk	9%	(37%)	9%
Bike	1%	3%	1%
Other	2%	6%	2%





PRELIMINARY PROJECT TRIP GENERATION PROJECTIONS

BASE SCHEMES (TOTAL TRIPS ENTER + EXIT), UN-ADJUSTED FOR SHARED TRIPS

	AVO	Vehicle	Transit	Walk	Bike	Other
Daily (24-he	our)					
Office	1.27	2,084	3,648	644	72	144
Retail	1.27	1,296	2,266	400	42	88
Residential	1.30	800	1,398	1,668	136	270
Total Daily		4,180	7,198	2,692	250	498
AM Peak H	our	341	595	211	20	39
PM Peak Ho	our	344	604	178	16	33

PROJECT PARKING RATIOS

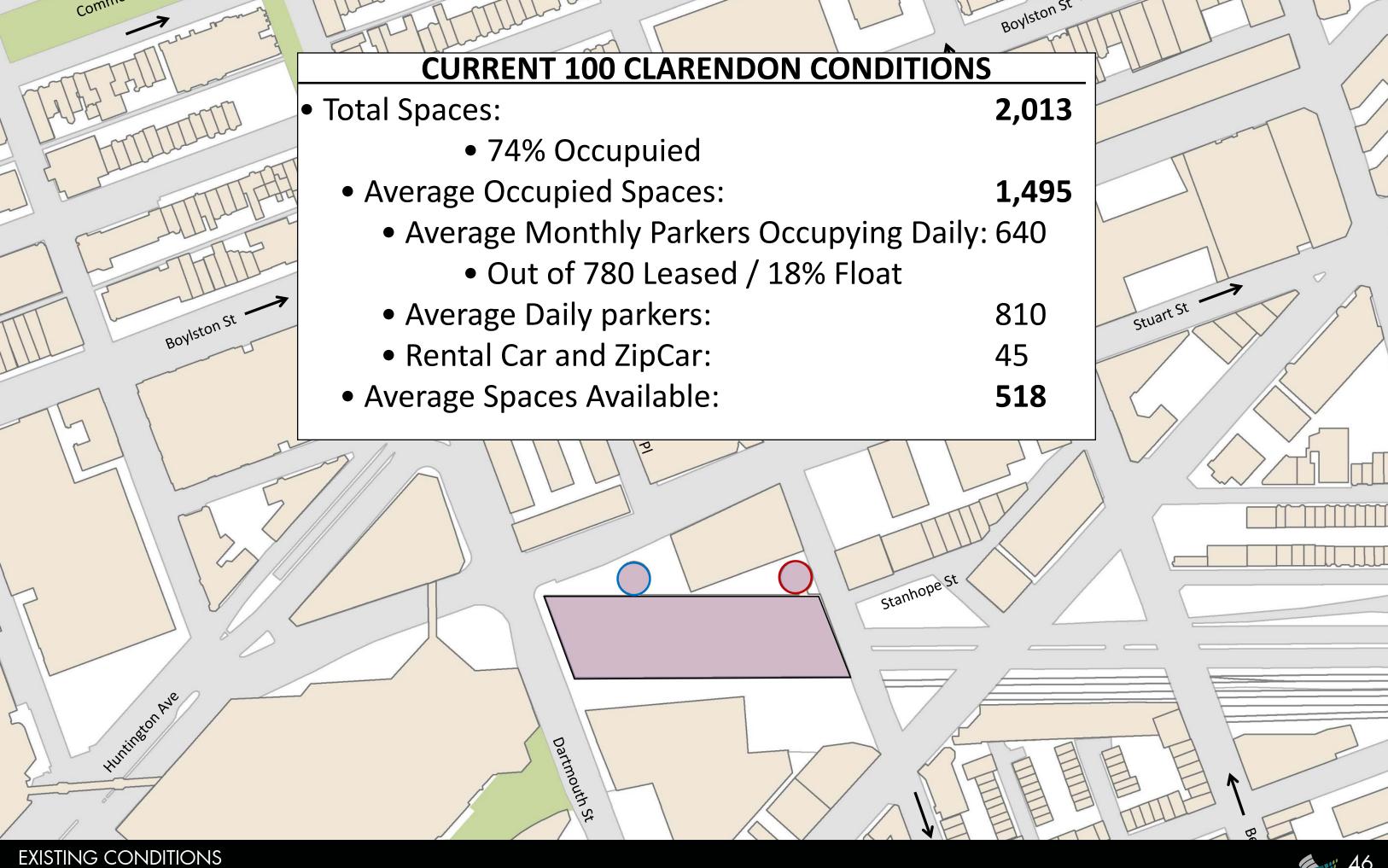
Land Use	Size	Parking Ratio	Parking Spaces
Office	574,024 SF	0.4 spaces per KSF	230
Residential	600 units	0.4 spaces per unit	180
Retail	62,274 SF	0.4 spaces per KSF	25
Project Sub-te	otal		435
Existing comm	itments		992
Permitted pub	lic parking		Up to 576
Total			Up to 2,013

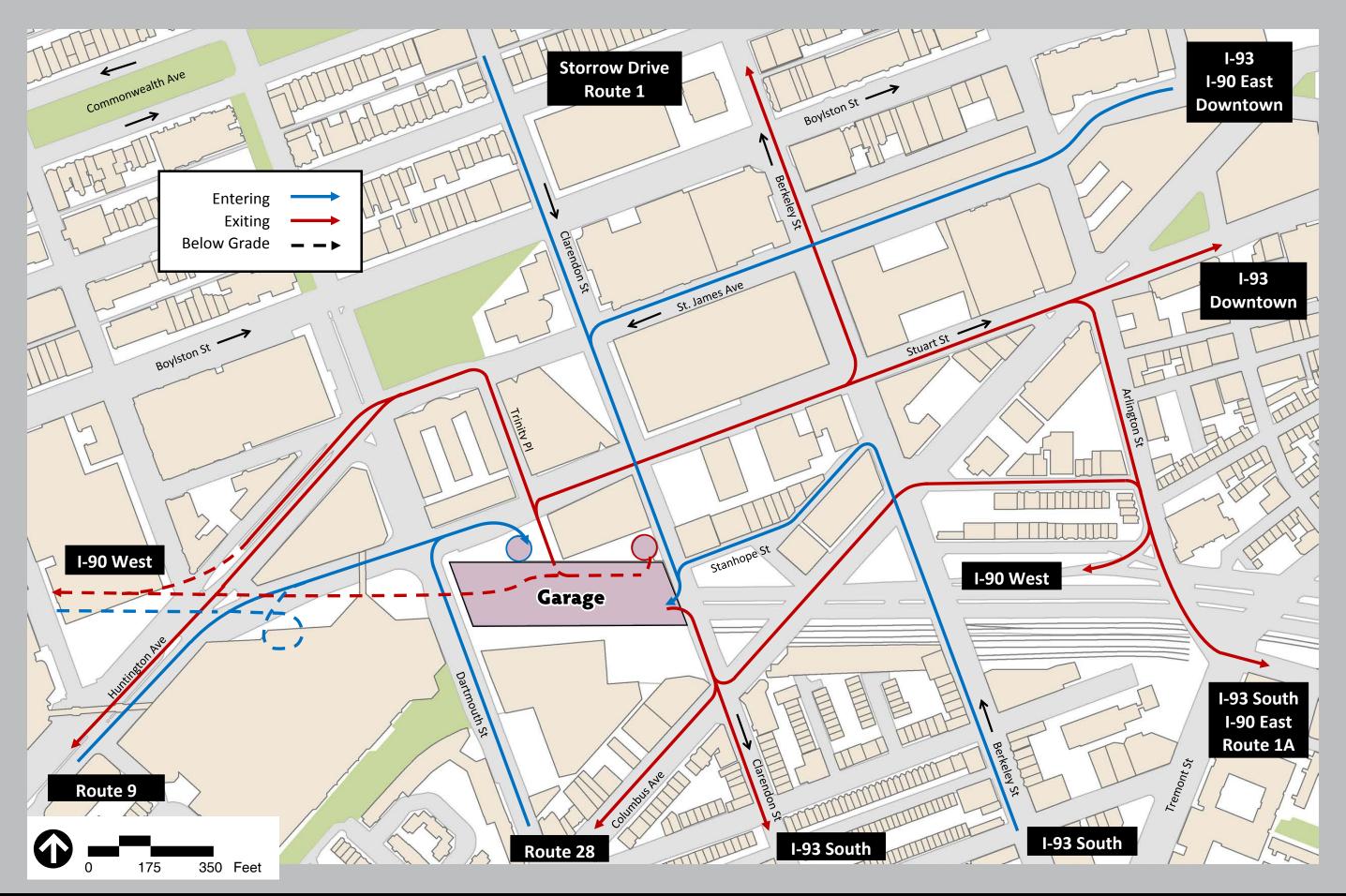
RESIDENTIAL PARKING RATIOS

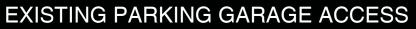
Project Name	Project Type	Location	Parking Ratio
Archstone – Boston Common	Apartment	Chinatown/Theater	0.38 spaces/unit
120 Kingston Street (Radian)	Apartment	Chinatown	0.35 spaces/unit
Archstone – Avenir	Apartment	West End	0.47 spaces/unit
The Boston Garden	Apartment	West End	0.40 spaces/unit
Avalon Bay – North Station	Apartment	West End	0.44 spaces/unit
One Back Bay	Apartment	Back Bay	0.46 spaces/unit
Exeter Residences	Apartment	Back Bay	0.70 spaces/unit
Kensington Place – Hinge Block	Apartment	Downtown	0.40 spaces/unit
45 Stuart Street (Ava)	Apartment	Downtown	0.49 spaces/unit
Lovejoy Wharf – 131 Beverly Street	Condo	Downtown	0 spaces/unit
The Victor	Apartment	Downtown	0.50 spaces/unit
One Canal	Apartment	Downtown	0.50 spaces/unit
319 A Street	Apartment	South Boston	0 spaces/unit
Ink Block	Apartment	South End	0.44 spaces/unit
275 Albany Street (The Troy)	Apartment	South End	0.5 spaces/unit

COMMERCIAL PARKING RATIOS

Project Name	Project Type	Location	Parking Ratio
380 Stuart Street	Office/Retail	Back Bay	0.28 spaces/ksf
321 Harrison Avenue	Office	South End	0.51 spaces/ksf
125 Nashua Street	Office	North Station	0.49 spaces/ksf
Two Brookline Place	Office	Brookline	0.43 spaces/ksf
500 Boylston Street	Retail/Office Addition	Back Bay	0
Liberty Mutual	Office	Back Bay/South End	0.82 spaces/ksf
Vertex, Fan Pier	Office	South Boston	0.30 spaces/ksf
North Station	Office	North Station	0.50 spaces/kfs

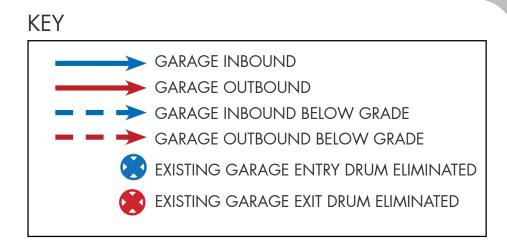


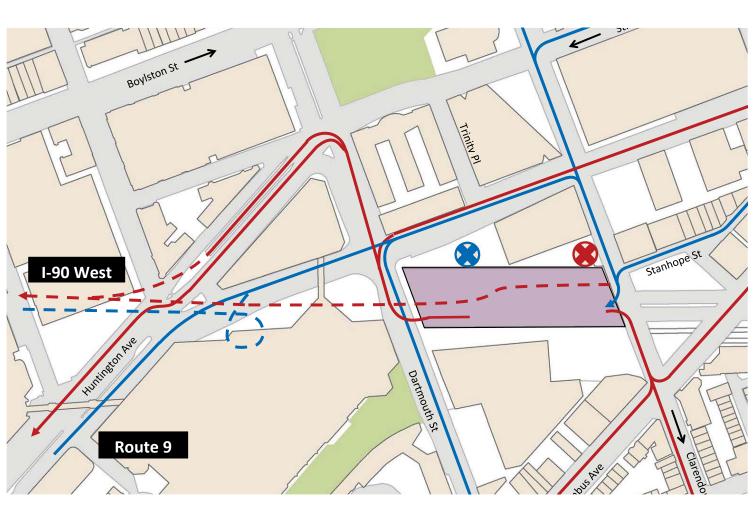


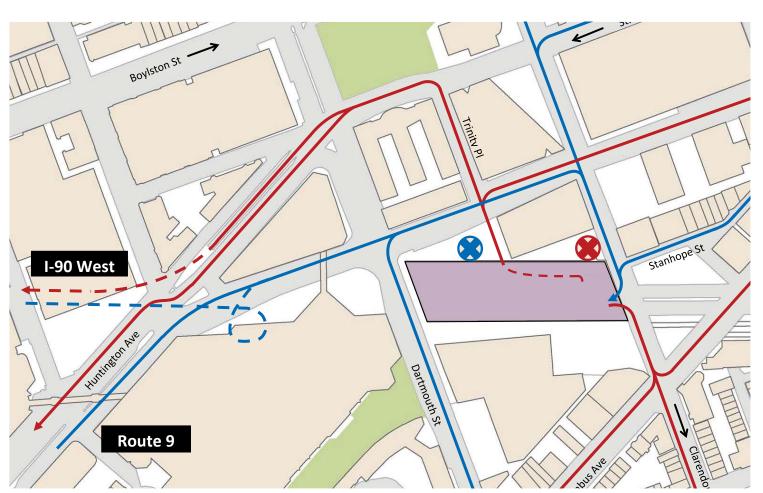










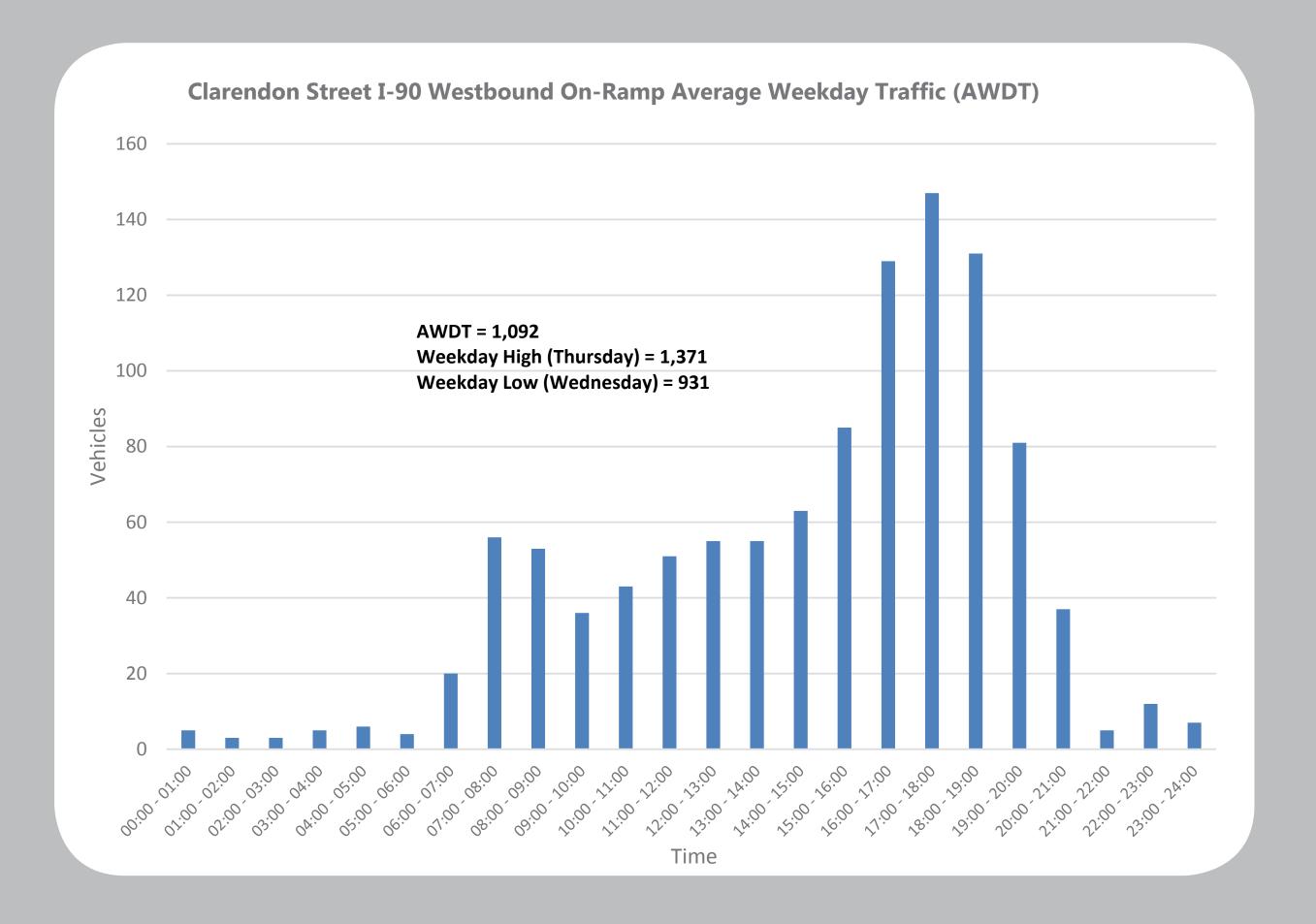


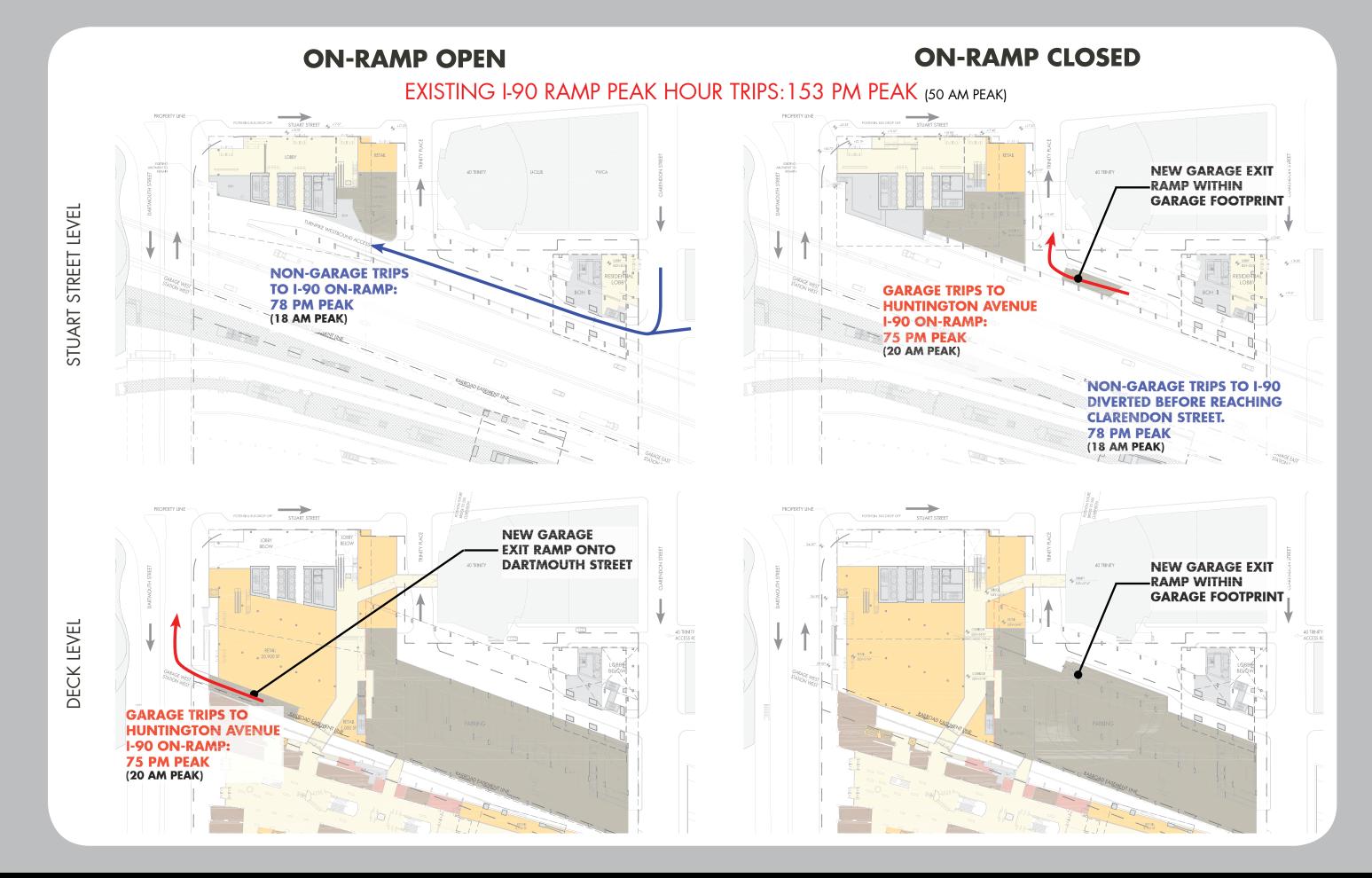
I-90 WESTBOUND ON-RAMP OPEN

I-90 WESTBOUND ON-RAMP CLOSED

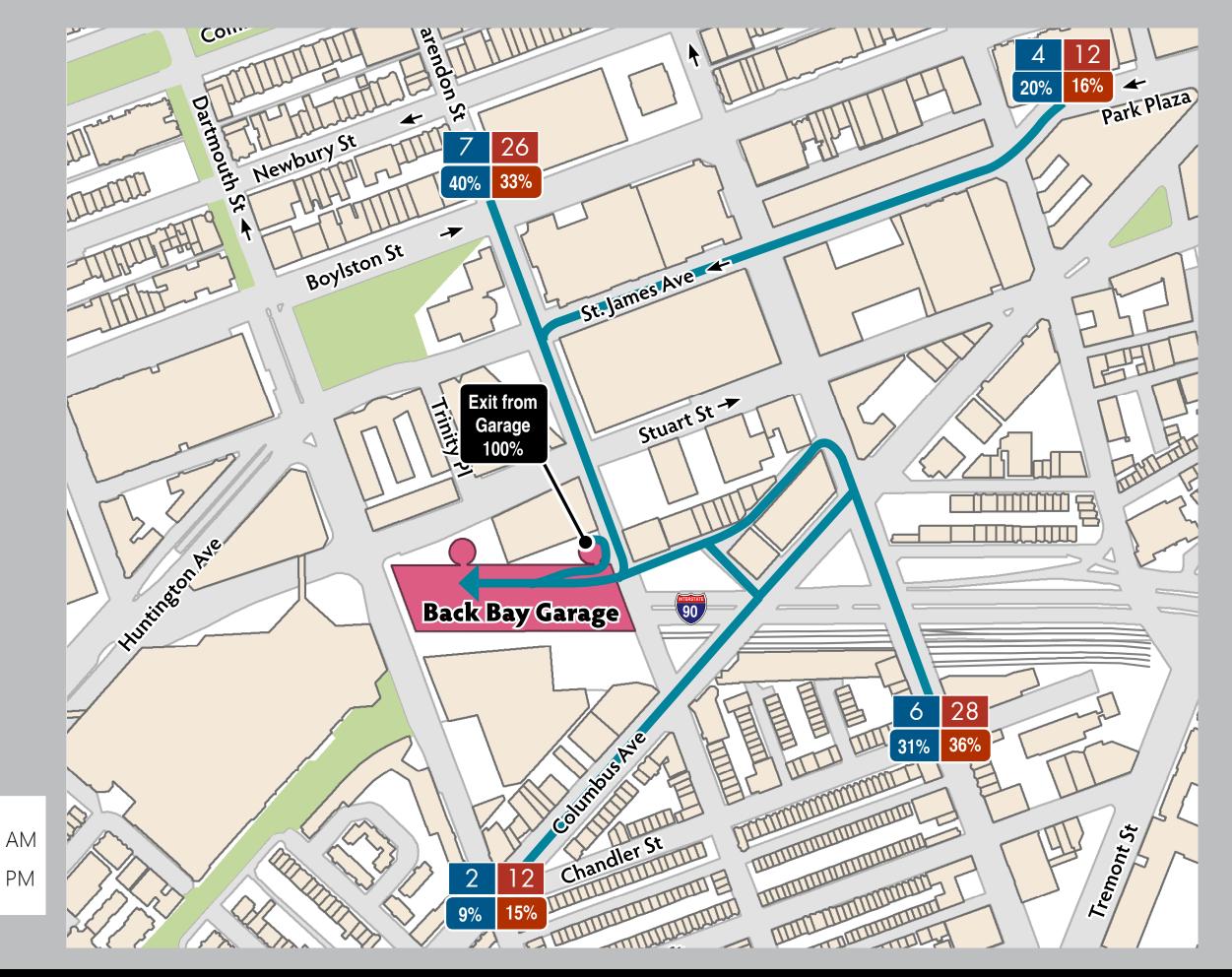
I-90 Westbound Ramp Daily Traffic Volumes

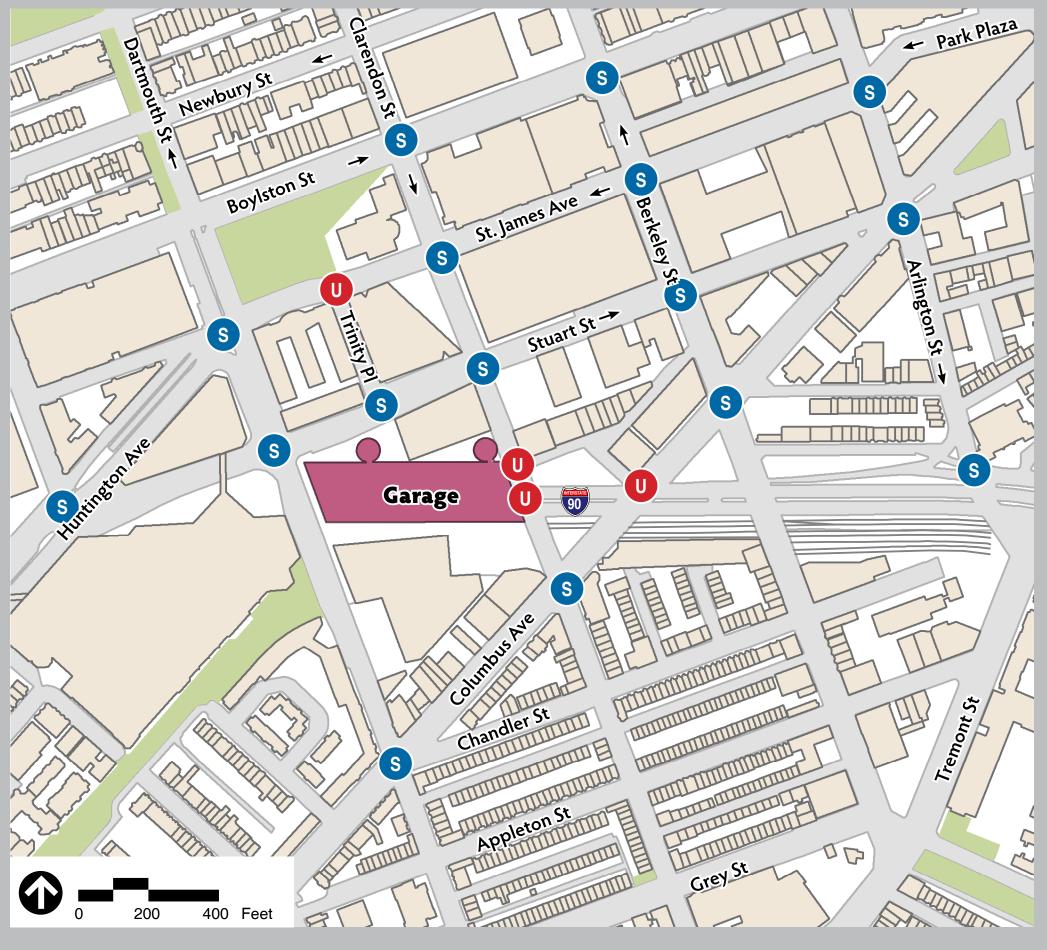
	[Ramp Location		Total	Clarendon
Day of Week	Huntington Ave.	Clarendon St.	Arlington St.	3 Ramps	Ramp %
Monday	3,526	1,003	4,231	8,760	11.4%
Tuesday	3,824	1,009	4,992	9,825	10.3%
Wednesday	4,109	931	5,201	10,241	9.1%
Thursday	3,250	1,371	5,407	10,028	13.7%
Friday	4,003	1,122	4,107	9,232	12.2%
Weekday Average	3,742	1,092	4,788	9,622	11.3%
Ramp Percentage	38.9%	11.3%	49.8%	100%	
7-Day Average	3,601	960	4,421	8,982	10.7%
Ramp Percentage	40.1%	10.7%	49.2%	100%	











- S Signalized Intersection
 - U Unsignalized Intersection



KEY DATES AND FUTURE TOPICS

- MEPA Public Comment Period Ends June 17th
- PNF Public Comment Period Ends June 17th
- CAC #5 Meeting
 June 29th
 6-8pm
 - Streetscape / Landscape / Public Realm Design
 - Sustainability
- Future CAC Meeting Topics:
 - Housing (Including Affordable Housing)
 - Covered Connections Security And Access
 - Wayfinding Around Site
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CONTACT INFORMATION

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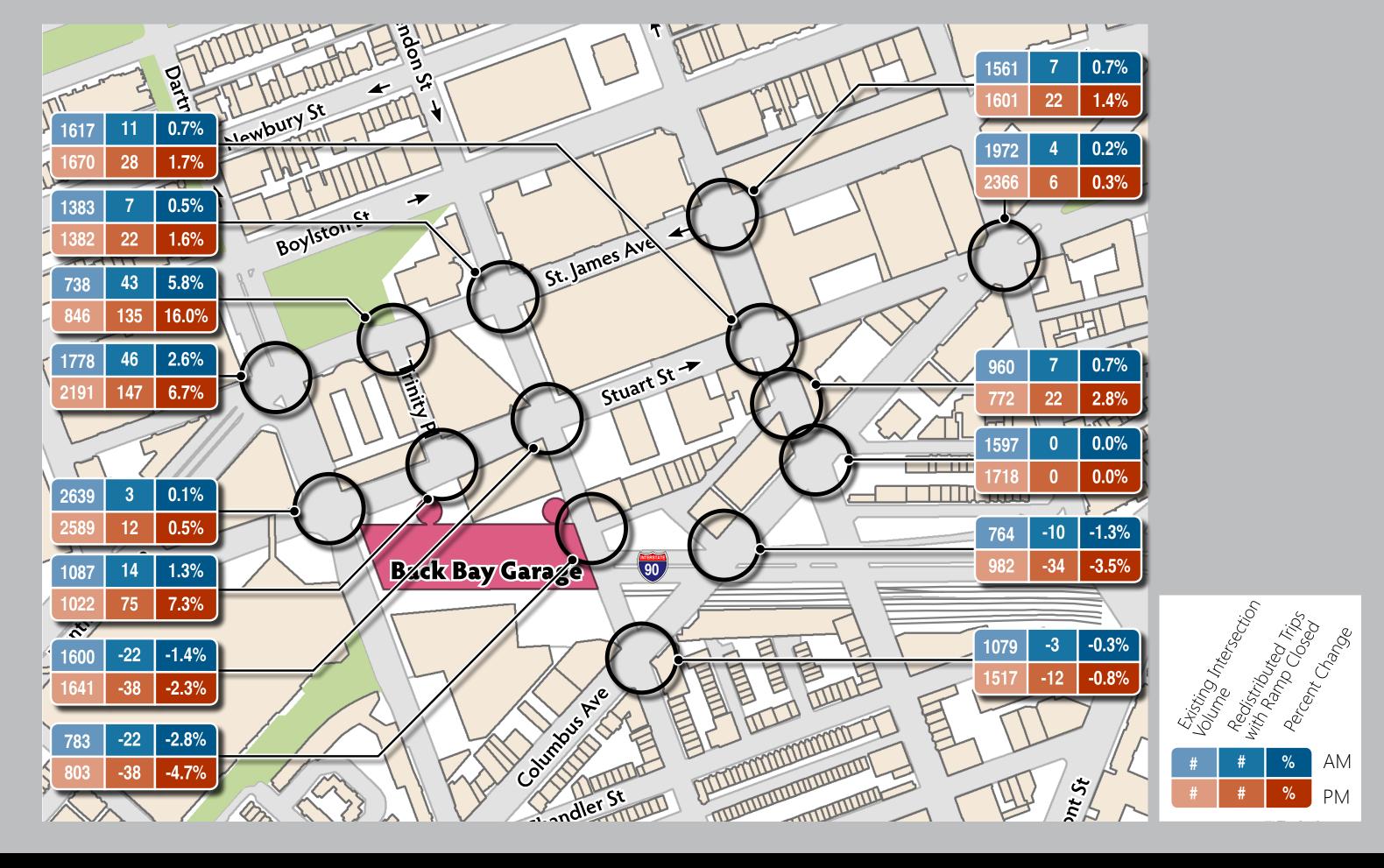
Chris Tracy, Senior Project Manager, Boston Redevelopment Authority Christopher. Tracy@boston.gov • 617.918.4259



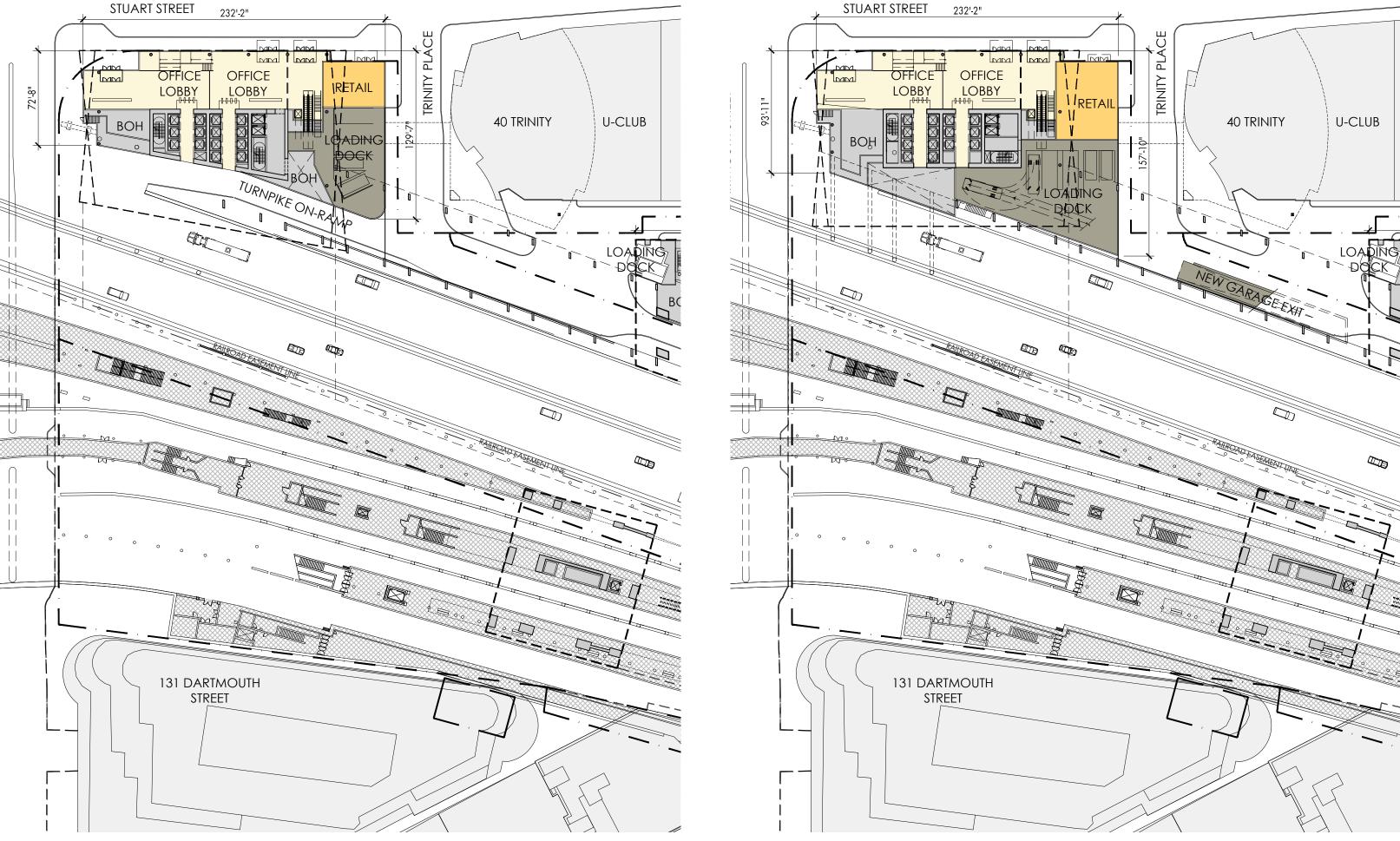


PRELIMINARY PROJECT TRIP GENERATION PROJECTIONS (BASE SCHEMES) (Total Trips Enter + Exit)

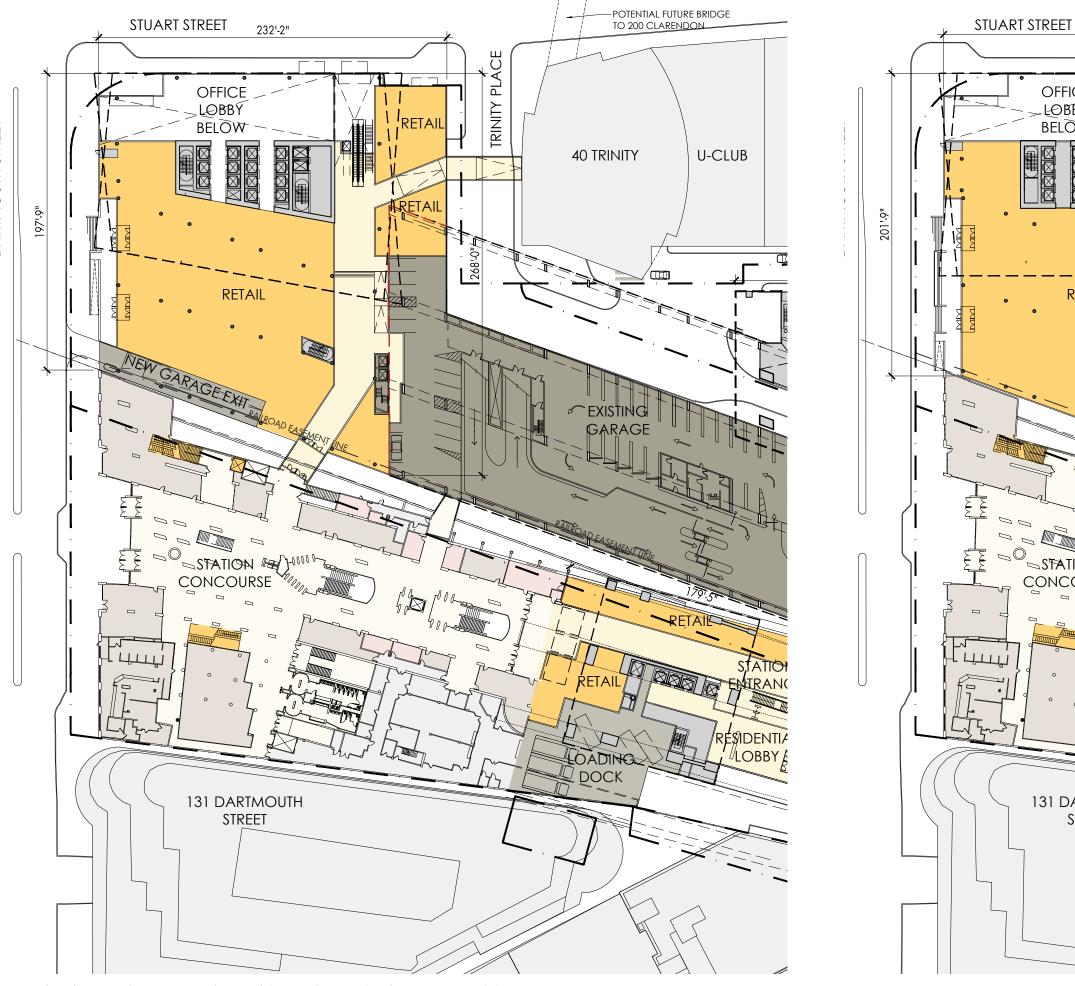
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Residential	1.30	800	1,398	1,668	136	270
Total		4,180	7,198	2,692	250	498
AM Peak Hour			<u> </u>			<u> </u>
Office	1.27	274	478	85	10	19
Retail	1.27	7	13	3	0	0
Residential	1.3	60	105	124	10	20
Total		341	595	211	20	39
PM Peak Hou	ır					<u> </u>
Office	1.27	261	458	81	9	18
Retail	1.27	44	77	15	0	2
Residential	1.30	39	69	82	7	13
Total		344	604	178	16	33

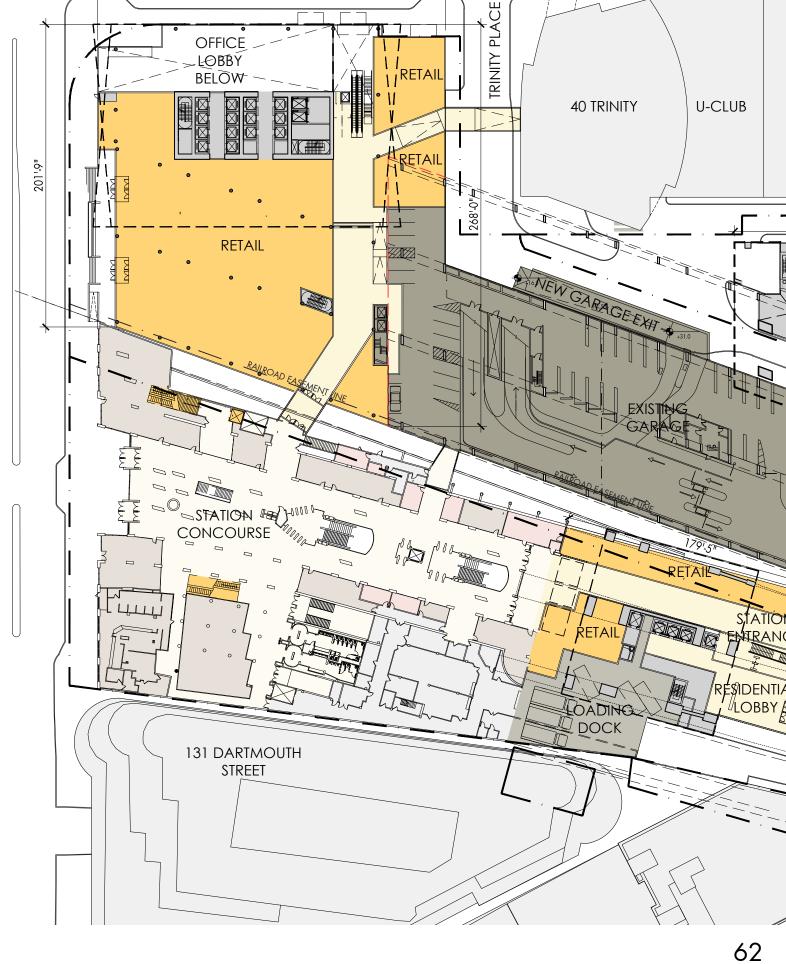






GARAGE WEST - BASE AND ALTERNATE SCHEME - STUART STREET





GARAGE WEST - BASE AND ALTERNATE SCHEME - DECK LEVEL

-POTENTIAL FUTURE BRIDGE TO 200 CLARENDON