



# *The District Wharf at SW Waterfront, Washington, D.C.*

May 12<sup>th</sup>, 2016



# Catriona Winter

- 12 years with Clark
- 14 years in industry
- Design background
- Project Executive in MidAtlantic
- Design Executive on the Wharf Project



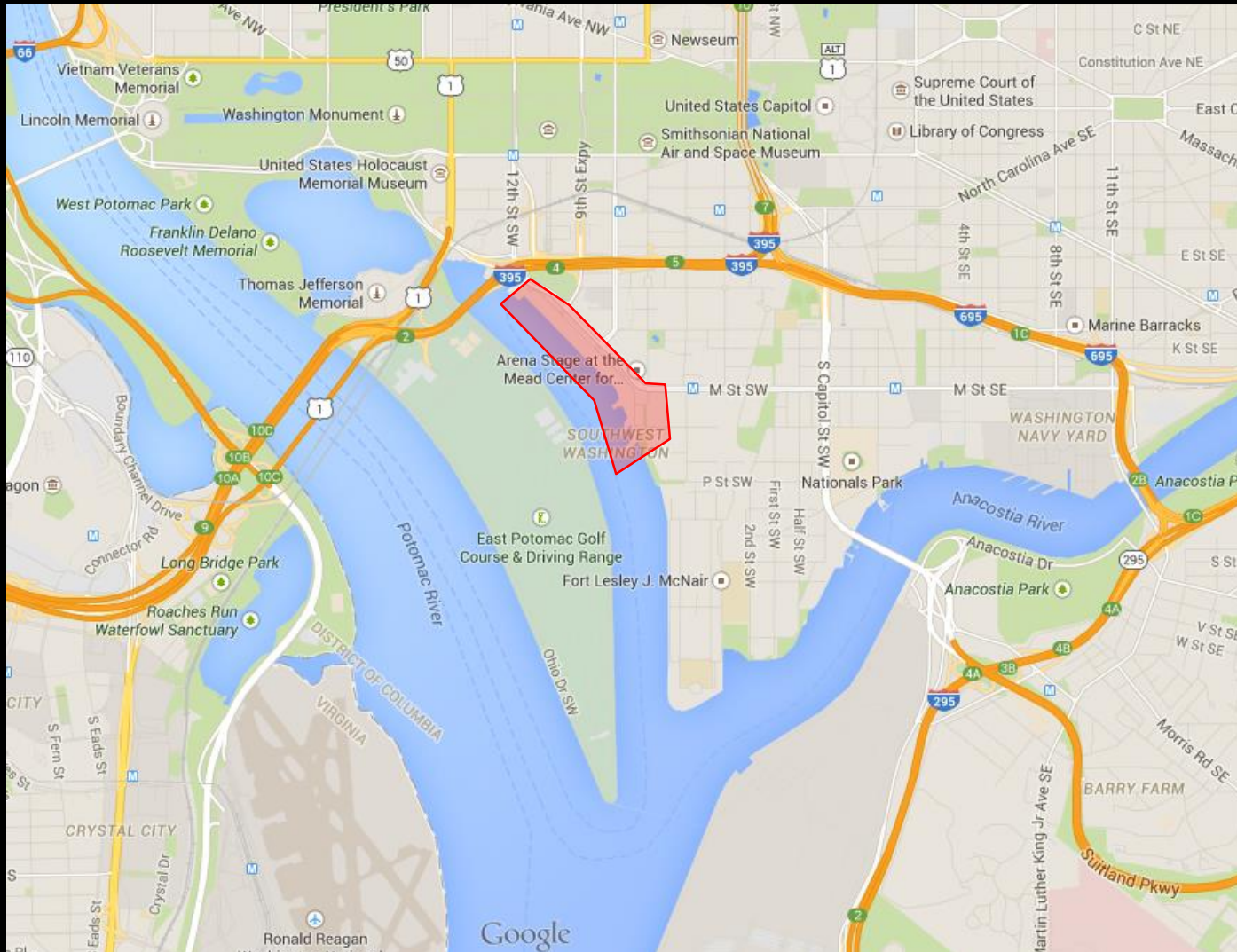


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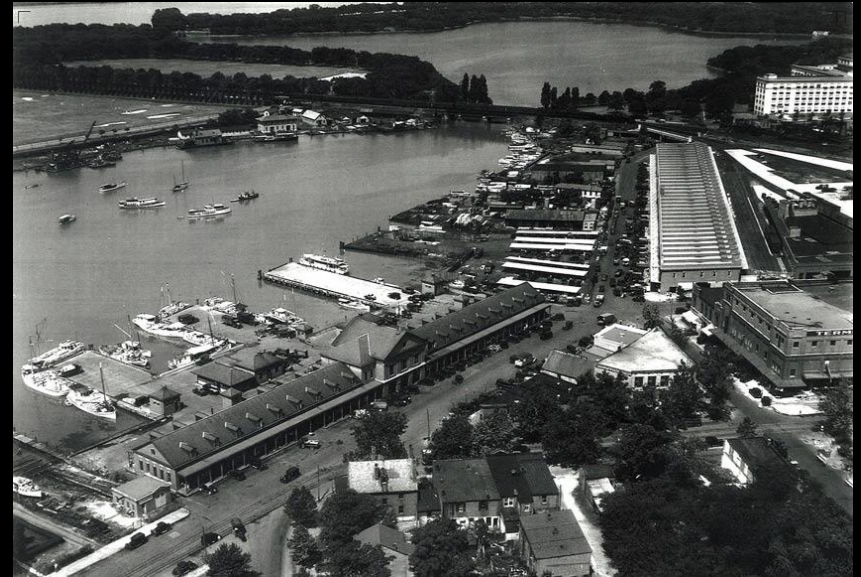
# The Wharf – Geographic Perspective



# Historical Perspective



Looking Southeast, ~1910s



Looking Northwest, 1931



Looking Southeast, ~late 1885



Looking Southeast, ~1950's

# Historical Perspective







# 2014: Pre-Ground Breaking





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# Clark's client: HMW (Hoffman Madison Waterfront)

PN HOFFMAN



**MadisonMarquette**

## Development Partners:

- **ER Bacon**
- **City Partners**
- **Paramount Development**
- **Triden Development**

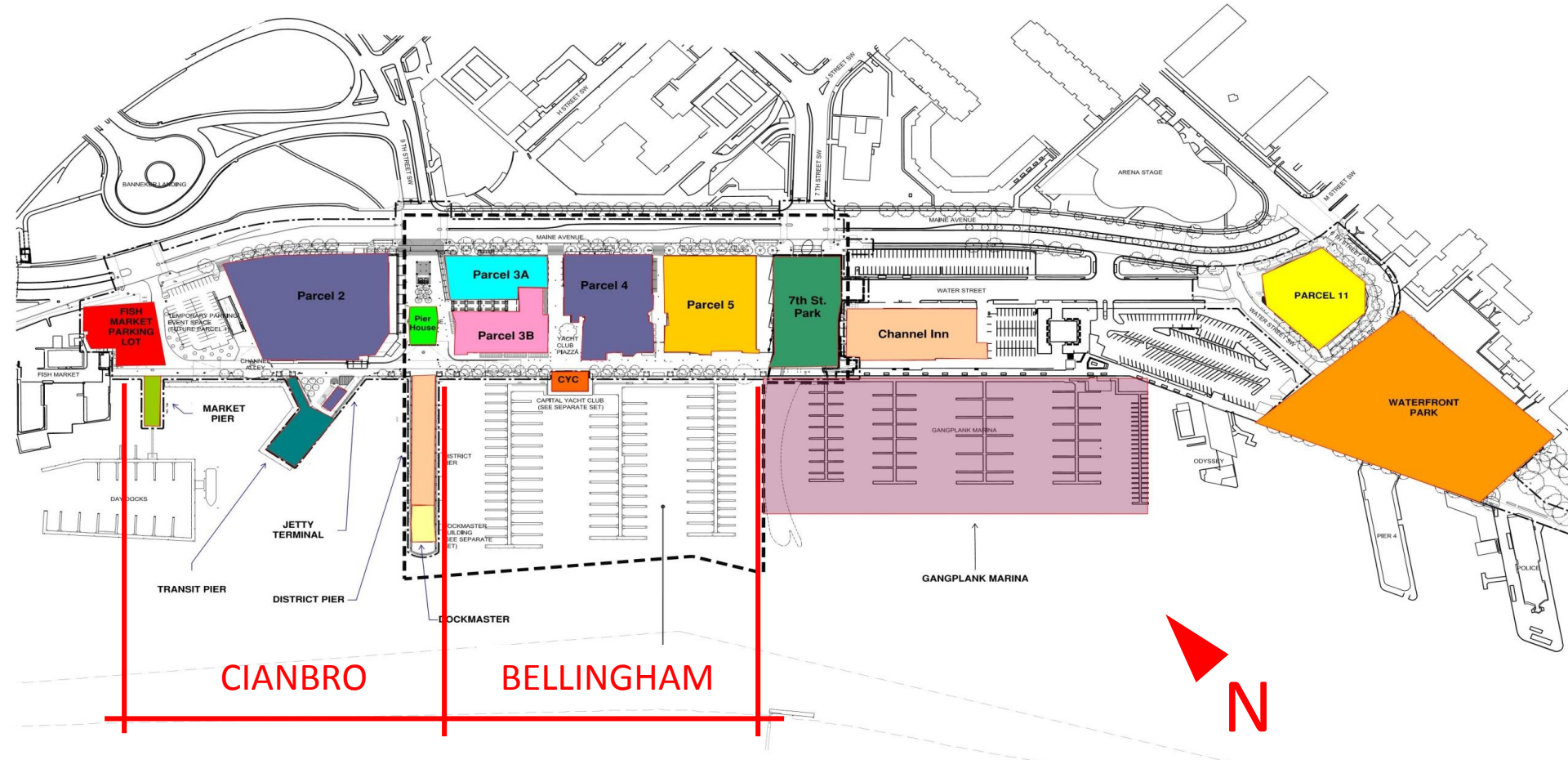
27 acres land, 49 acres water  
11 parcels, 4 public parks



# Clark's Phase 1 Contracts: \$547 M



# The Wharf – Site Plan





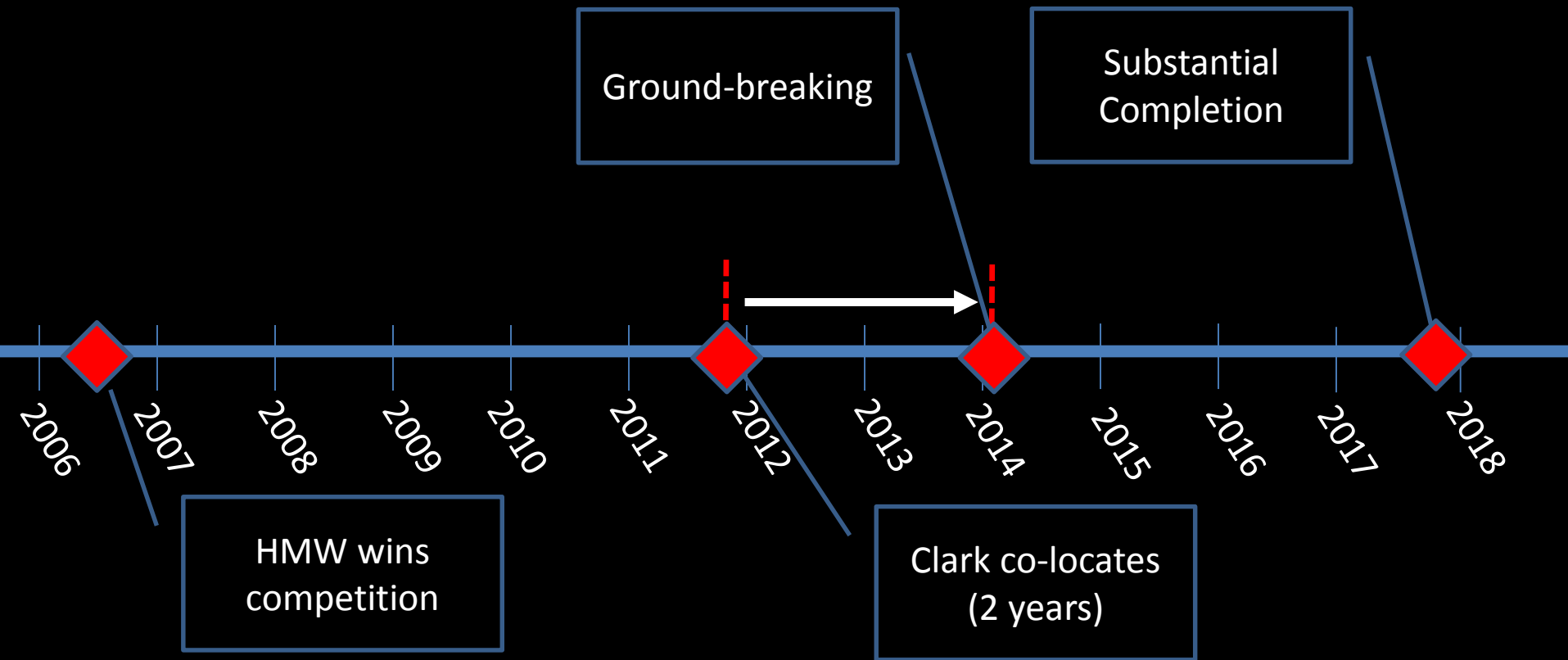
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# Building the Team

# Inception to Conclusion: 12 years



# Co-location: 2011 through 2013

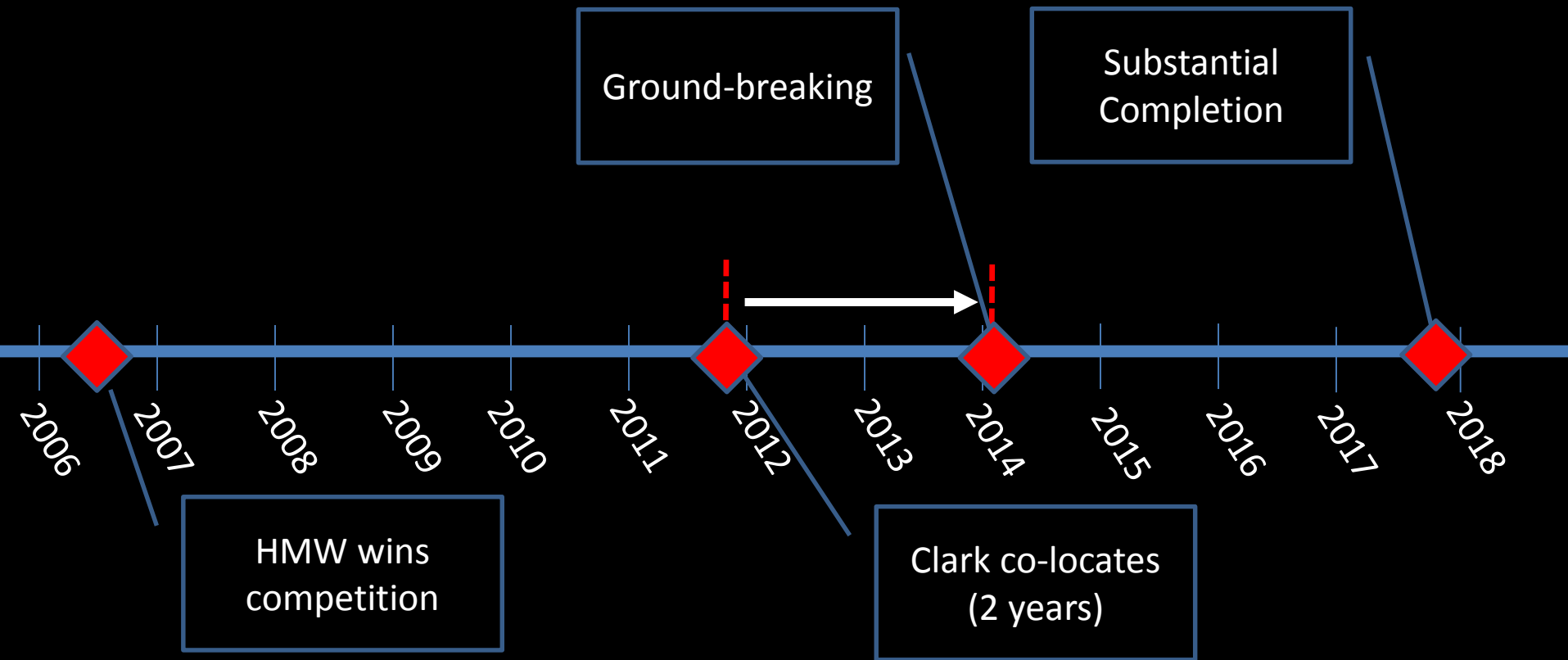


Tom Cross



Timothy Campbell

# Inception to Conclusion: 12 years



Perkins Eastman DC

WDG

CUNNINGHAM | QUILL ARCHITECTS PLLC

SK&A DC  
SK&A Structural Engineers, PLLC

Thornton Tomasetti

EHLERT BRYAN  
consulting structural engineers *eb*

[ LAB ]  
LANDSCAPE ARCHITECTURE BUREAU LLC

lai leeandassociatesinc

 **Allen & Shariff**  
DESIGN | BUILD | MANAGE

  
HELIX ELECTRIC  
CONSTRUCTORS • ENGINEERS

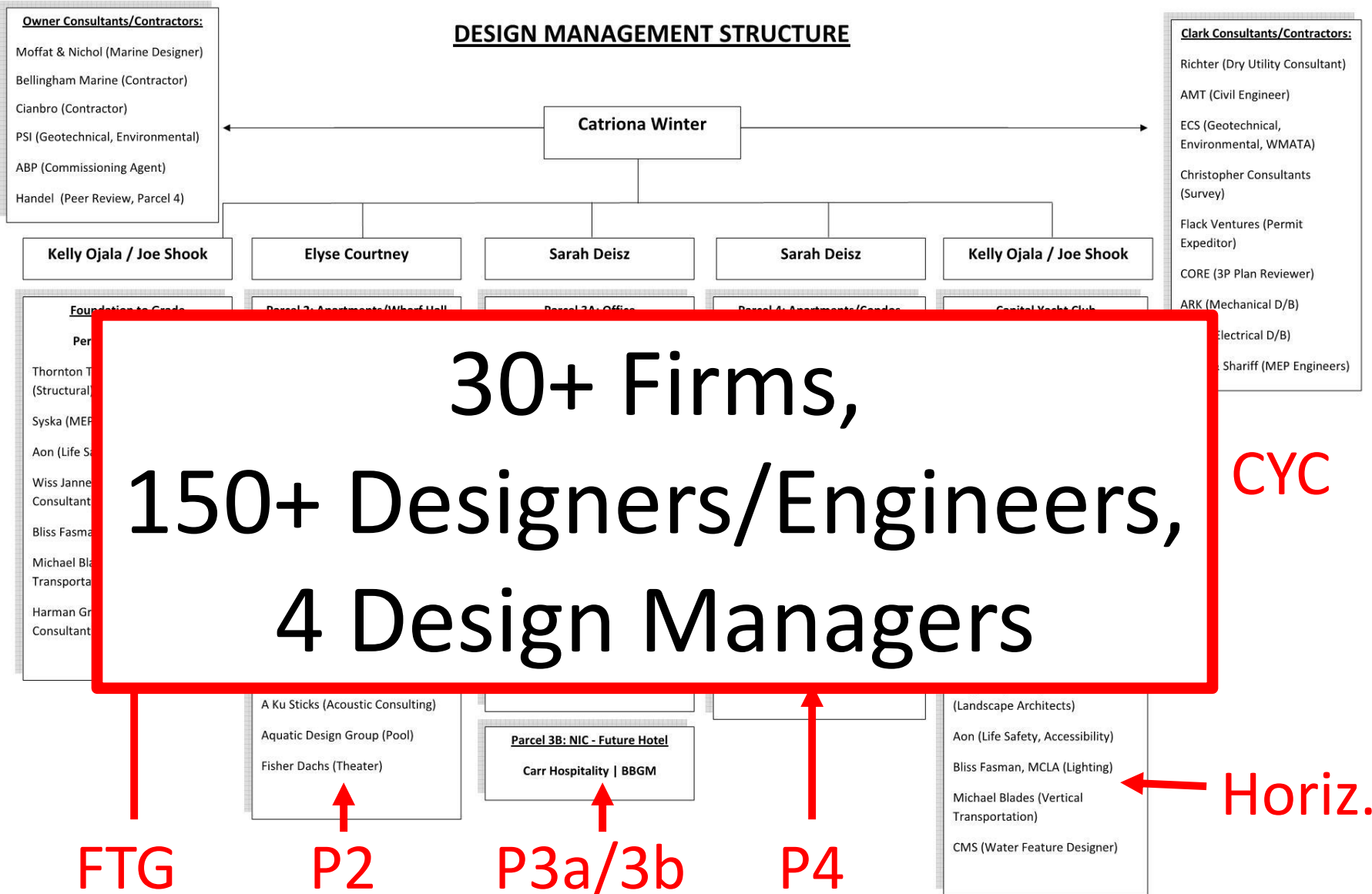
  
CONSTRUCTION GROUP, INC.

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## DESIGN MANAGEMENT STRUCTURE



# Strategic Planning of Time Use:

Mon 9/8	Tue 9/9	Wed 9/10	Thu 9/11	Fri 9/12
<p>7 – 8 Mark Chandler office hours - design team</p> <p>8 – 10 Design / VE Meeting</p> <p>8 – 9:30 Mid-Atlantic Monday Morning Marketing Meeting</p> <p>10 – 11 Change Order Weekly Executive Summary</p> <p>11 – 12p Wharf Hall 3rd Party Mechanical Review</p> <p>12p – 1p Wharf Team Progress Meeting</p> <p>1p – 2p SWWF - Concrete Bid Meeting Prep</p> <p>2p – 3p Parcel 4 Graham trip - system details prep</p> <p>3p – 4p Bi-Weekly Design Change Order Review Meeting</p> <p>4p – 5p Parcel 2 Penthouse Discussion</p>	<p>7:30 – 8:30 The Wharf - Concrete Bid Package Review (Clark Concrete)</p> <p>8 – 10 Parcel 2 schedule discussion - PEDC,</p> <p>10 – 12p P2/Wharf Hall meeting</p> <p>10 – 12p The Wharf - C Bid Package F (Miller &amp; Long)</p> <p>10 – 12p P2/Wharf Hall design meeting</p> <p>12p – 1p PEDC and Clark standing lunch</p> <p>1p – 3p The Wharf - Concrete Bid Package Review (BakerDC)</p> <p>2p – 3p CYC Roof Steel Discussion</p> <p>3:30p – 4:30p SWWF - Value Engineering Kick Off Meeting</p> <p>4:30p – 5:30p ROM discussion</p>	<p>7 – September Safety Stand Down</p> <p>8:30 – 10:30 Structural Steel Scope Meeting - Crystal Steel</p> <p>10 – 12p Parcel 4 Design Meeting</p> <p>10 – 12p Parcel 4 Design Meeting</p> <p>12p – SWWF - Parcel 4 HMW/Clark Hot It</p> <p>1p – 2p Wharf Weekly Progress Meeting</p> <p>2p – 4p Structural Steel Scope Meeting - Owen Steel</p> <p>3p – 4:30p Wharf Hall Finish Review - PLACE HOLDER</p>	<p>8 – 1p Horizontal Meeting</p> <p>8 – 1p Horizontal Meeting</p> <p>8:30 – 11:30 Structural Steel Scope Meeting - Banker Steel</p> <p>11 – 12 Wharf Horiz</p> <p>12:30p – 2p Structural Steel Scope Meeting - Steel Fab</p> <p>3p – 4:30p Parcel 4 Change Review</p>	<p>7 – 8 SAVE THE DATE! PE Meeting</p> <p>7 – 8 Ark and Clark weekly global discussion</p> <p>8:30 – 11:30 HMW/Clark/PEDC D Clark office building</p> <p>8:30 – 11:30 SWWF Meeting</p> <p>1p – 3p Design Schedule Update</p> <p>3:30p - CYC Well Pricing Final Review - R</p>

# Strategic Planning of Space Use:



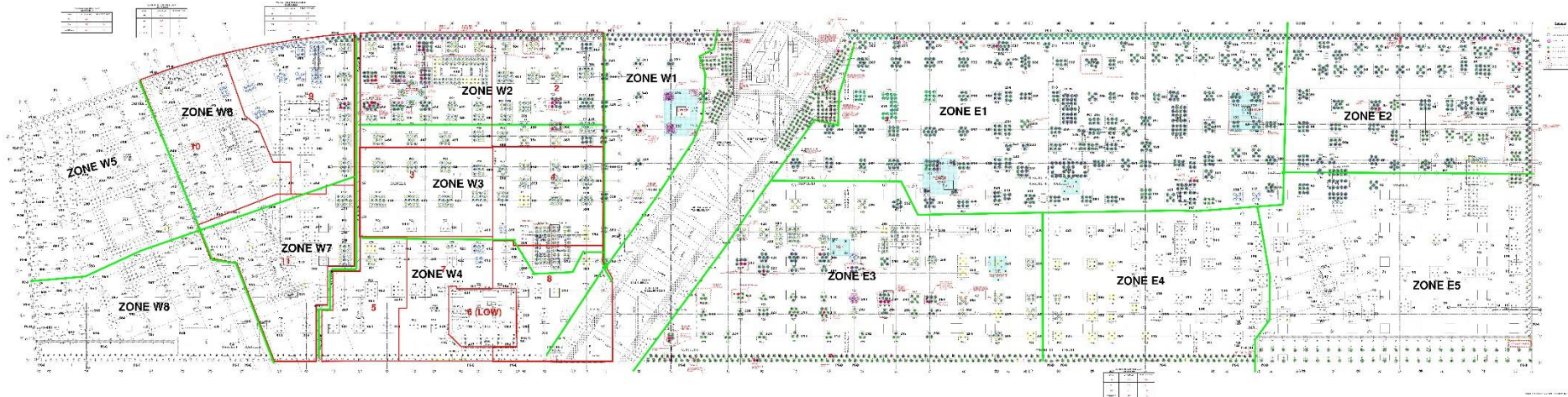
# Strategic Planning of Space Use:





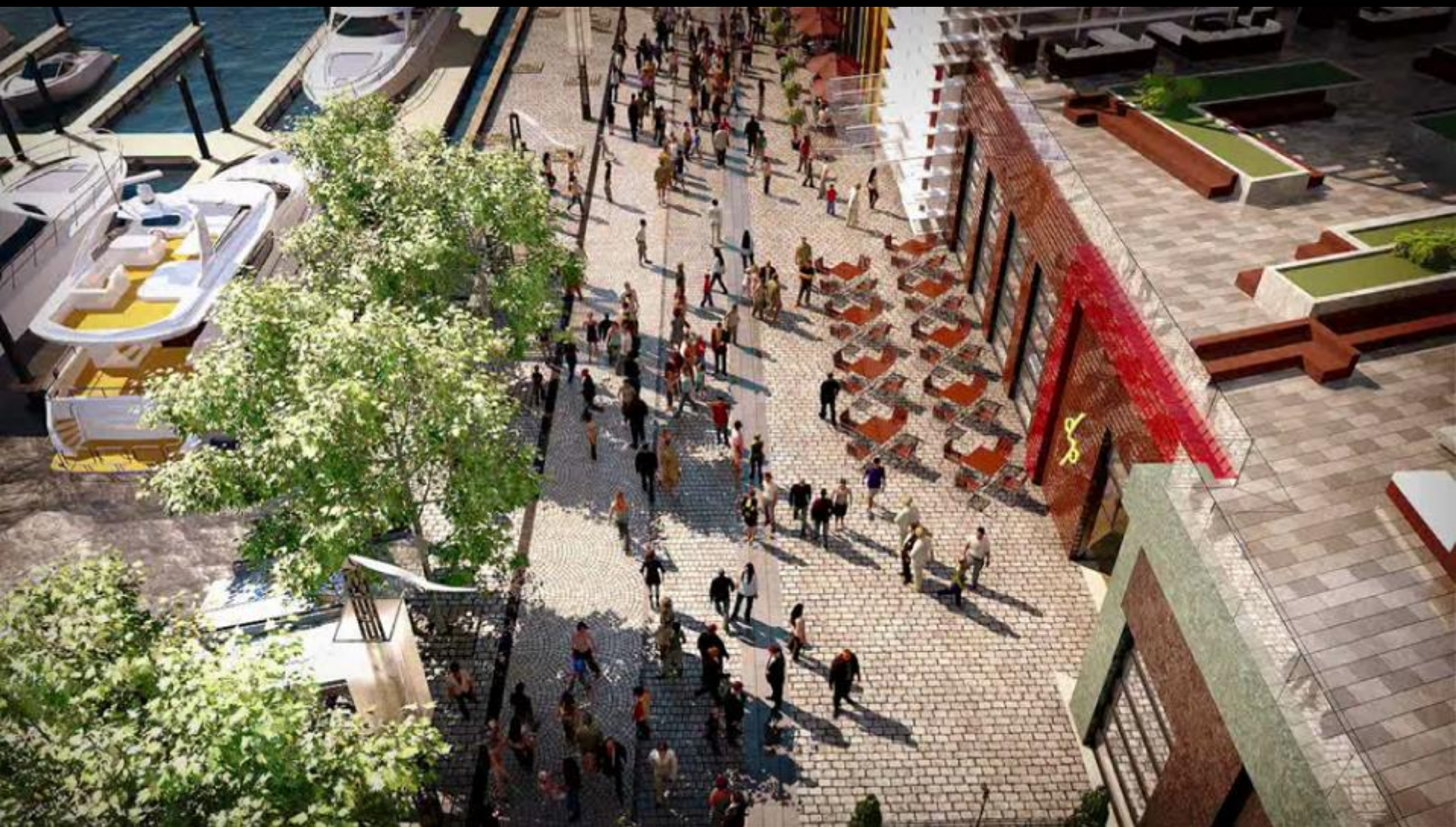
06/24/2015

# SOE and Foundations



West Zones: 8  
Total Piles: ~2,700

East Zones: 5  
Total Piles: ~3,100



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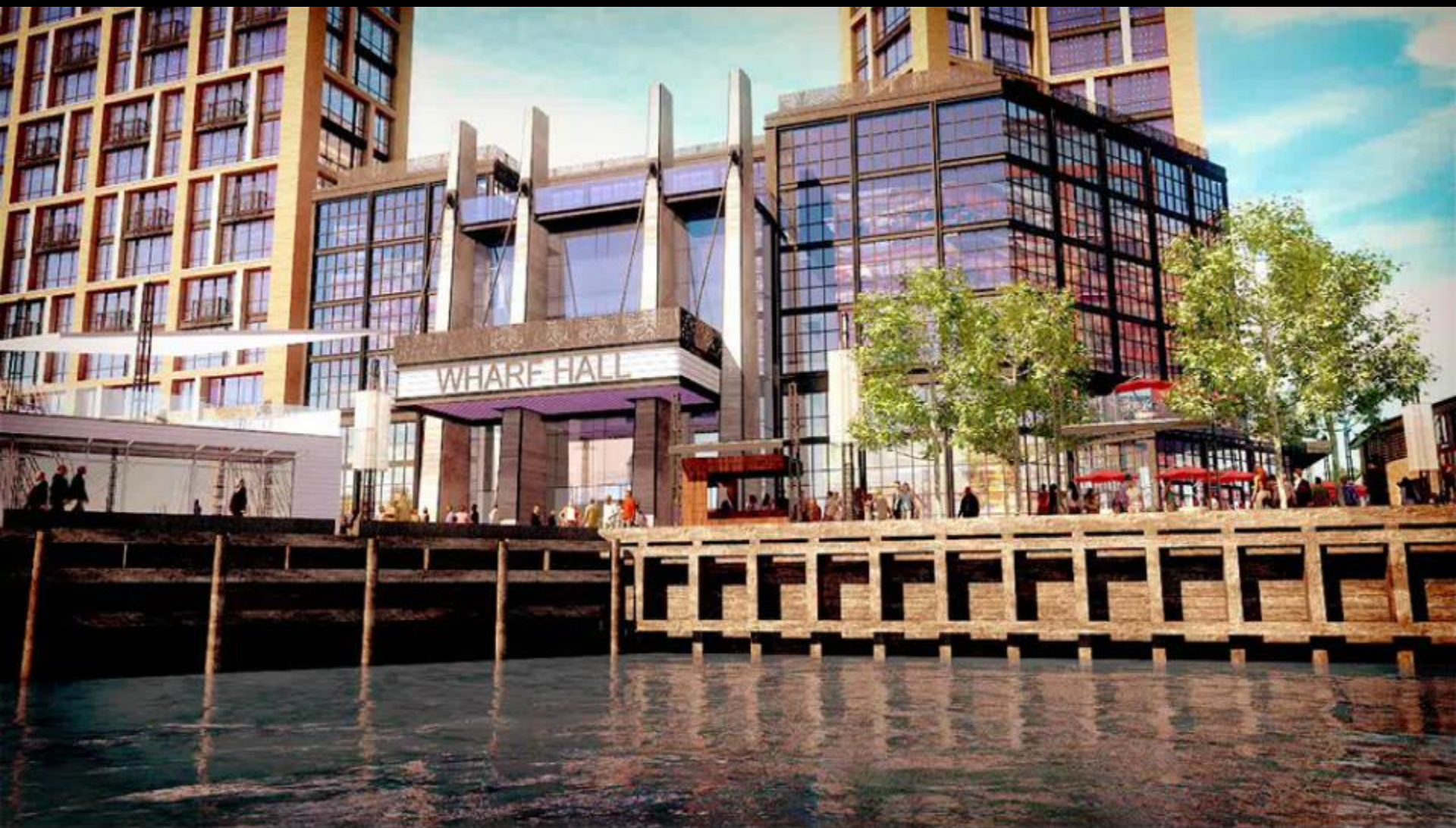
# QC: Wharf Material Mock-up

# Aerial View from the North



# Parcel 2 - Apartments and Wharf Hall





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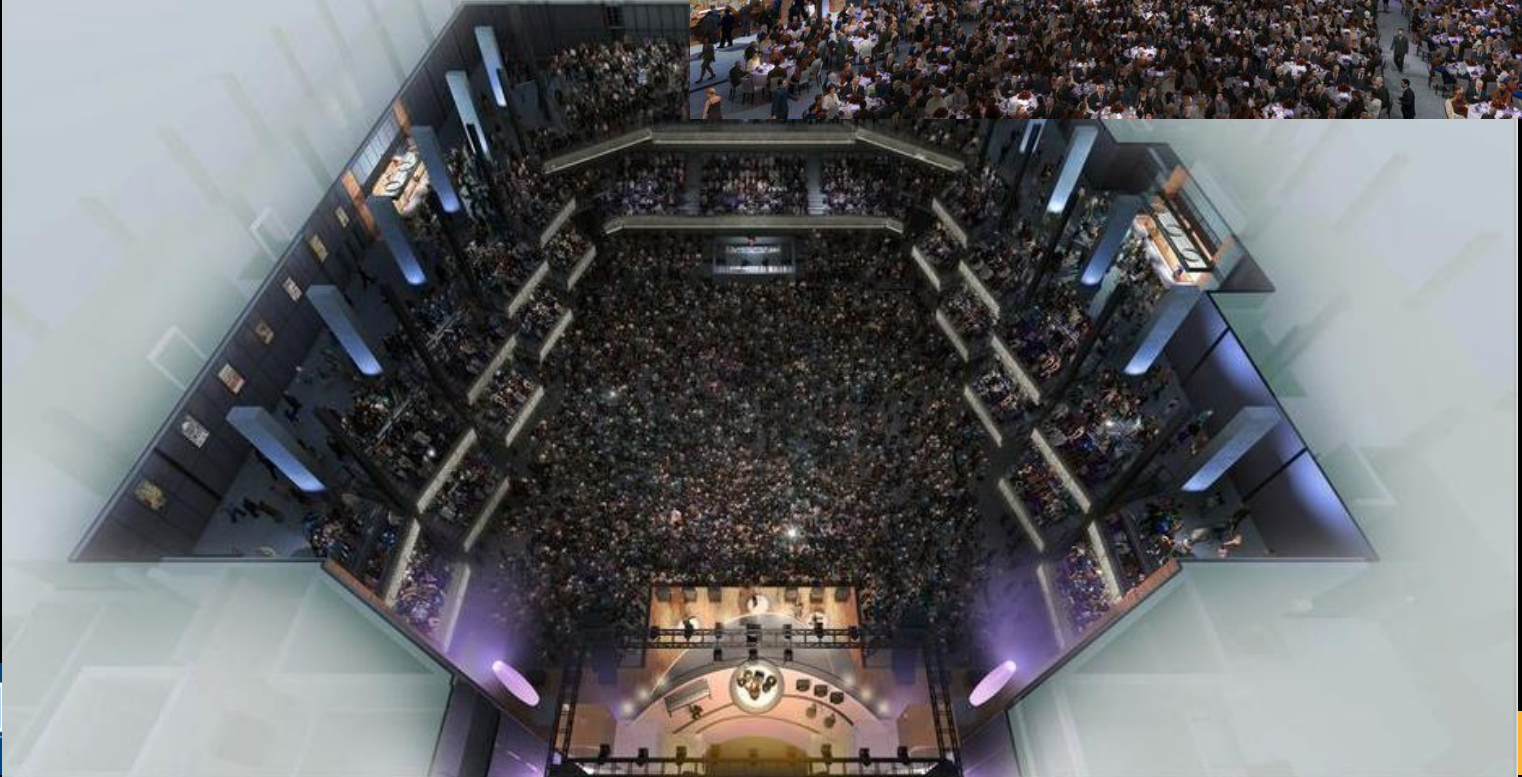


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# WHARF HALL



# Parcel 3A – Office Building



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# Capital Yacht Club



# Parcel 4 – Apartments and Condos



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# QC: Parcels 2, 3a, 4 Envelope Mock-ups



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**PEARL STREET**



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# Public Park Spaces



Waterfront Park



7<sup>th</sup> Street Park



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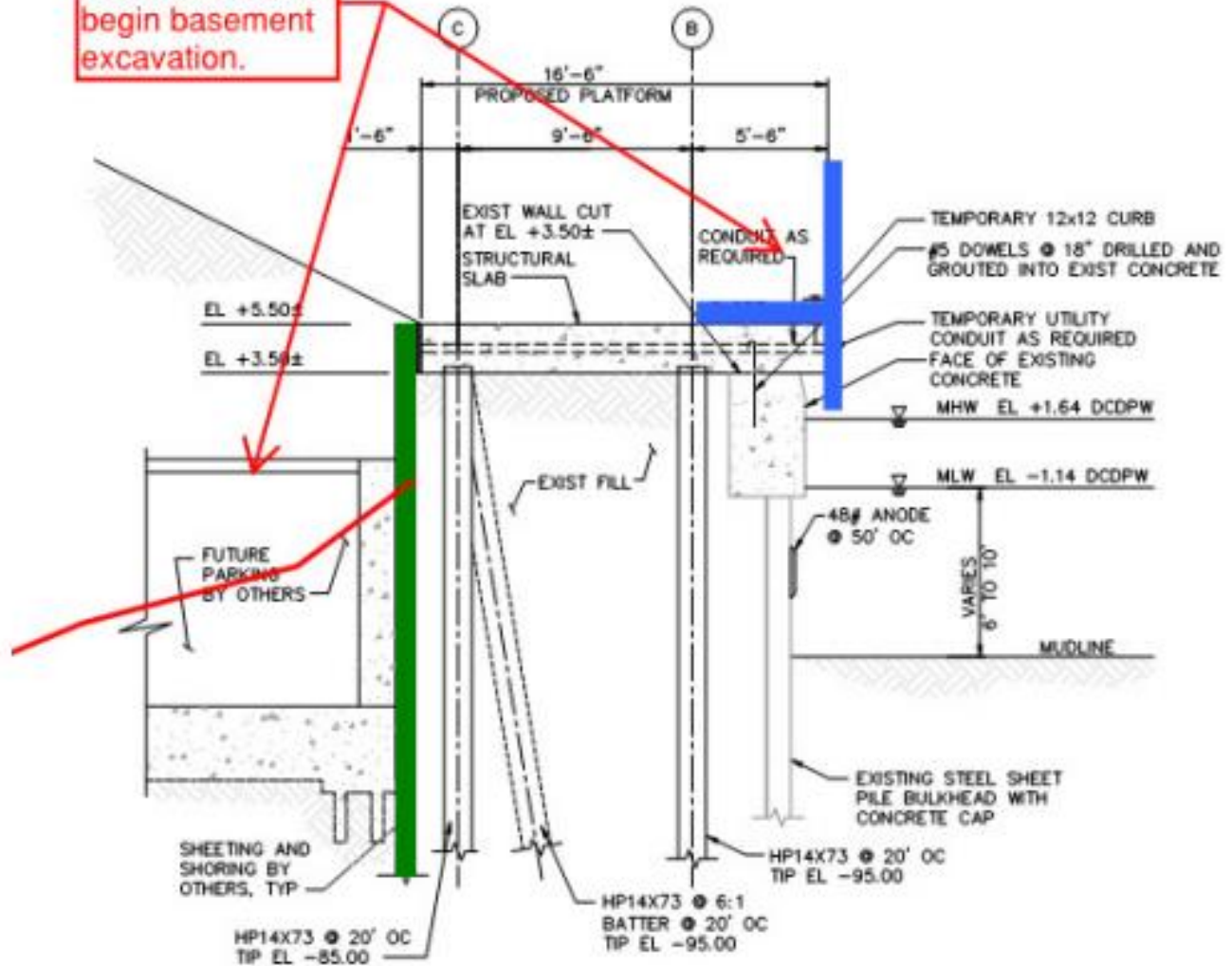
# Conundrums w/Constructive Solutions

# Bulkhead: Where Water Met Land



8. Install precast tee sections and begin basement excavation.

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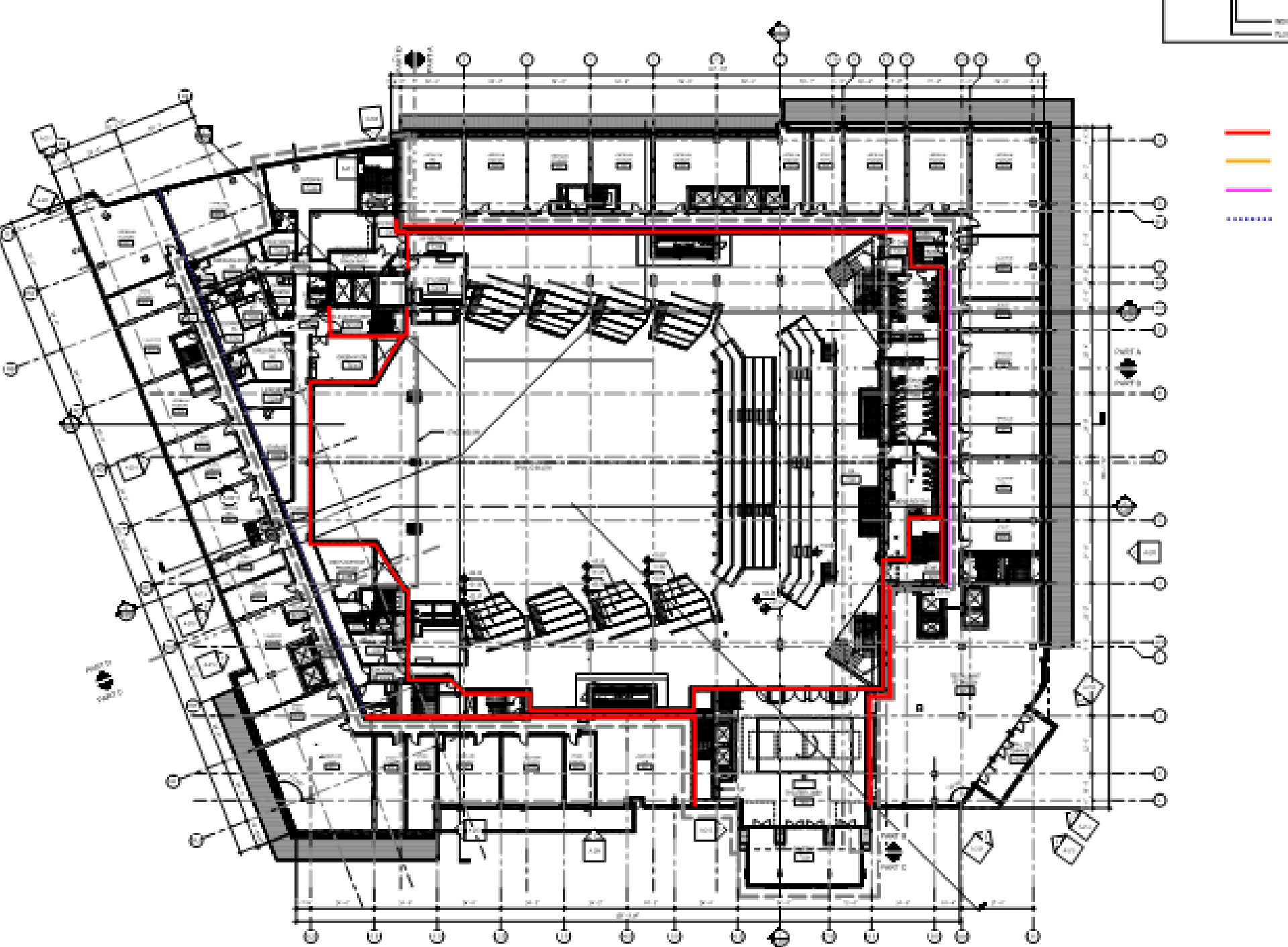


# Parcel 2: Acoustic Isolation

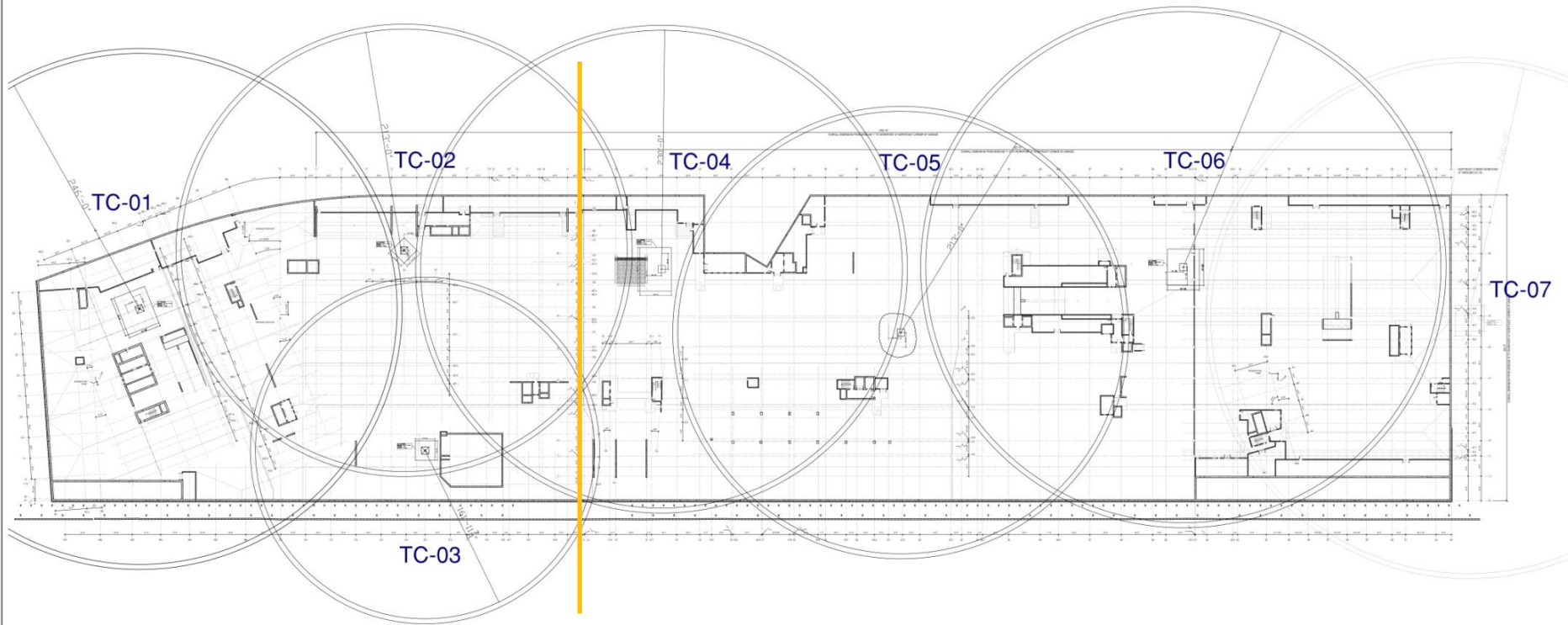


a·'ku·stiks

[n. pl. defining sound for the next generation]



# Tower Crane Plan





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# Tale of Two Birds of Prey



# Pop-eye and Olive Oil



# Team Building: Earth Day 2015, 2016



Making Progress Every Day

# Construction



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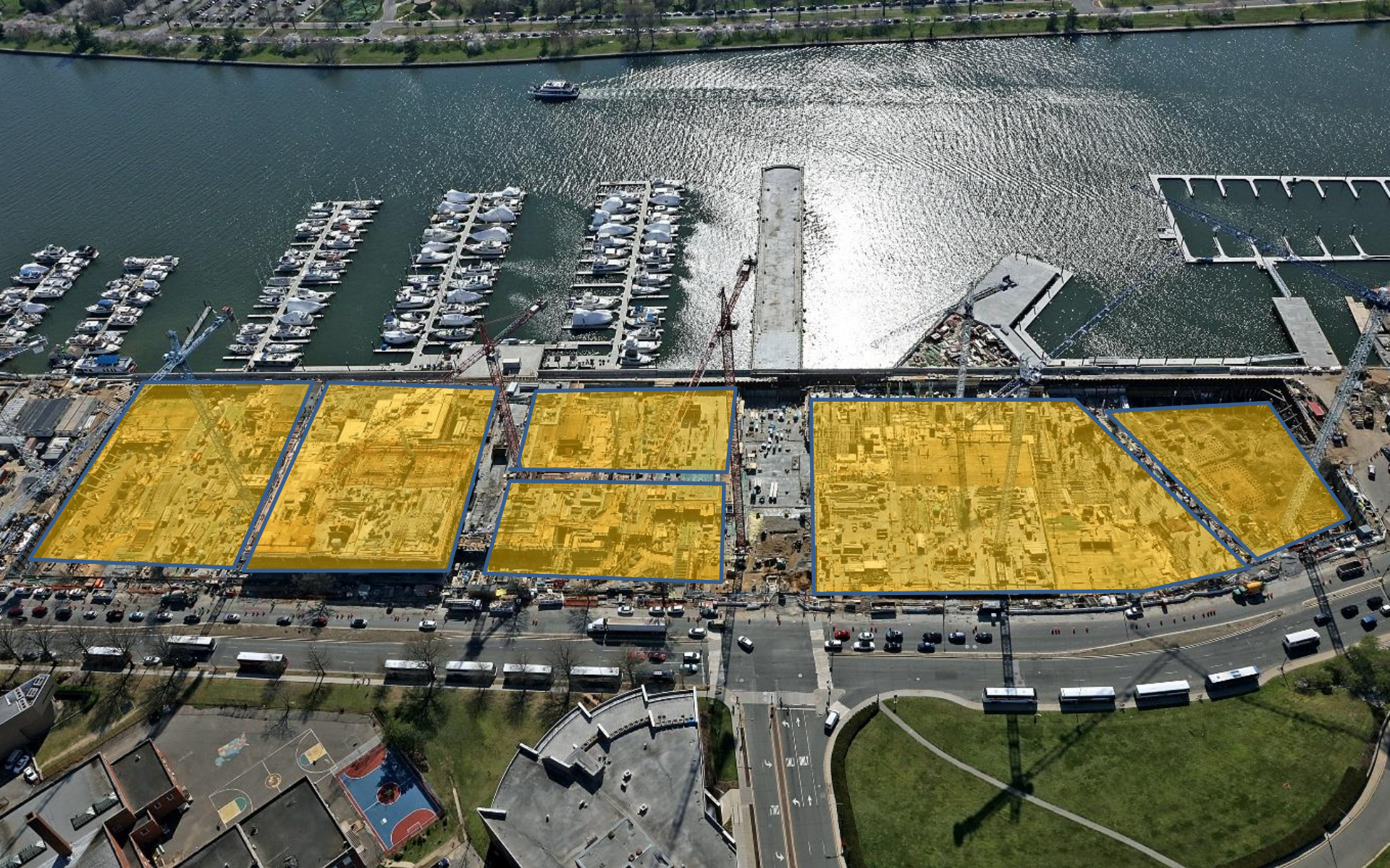
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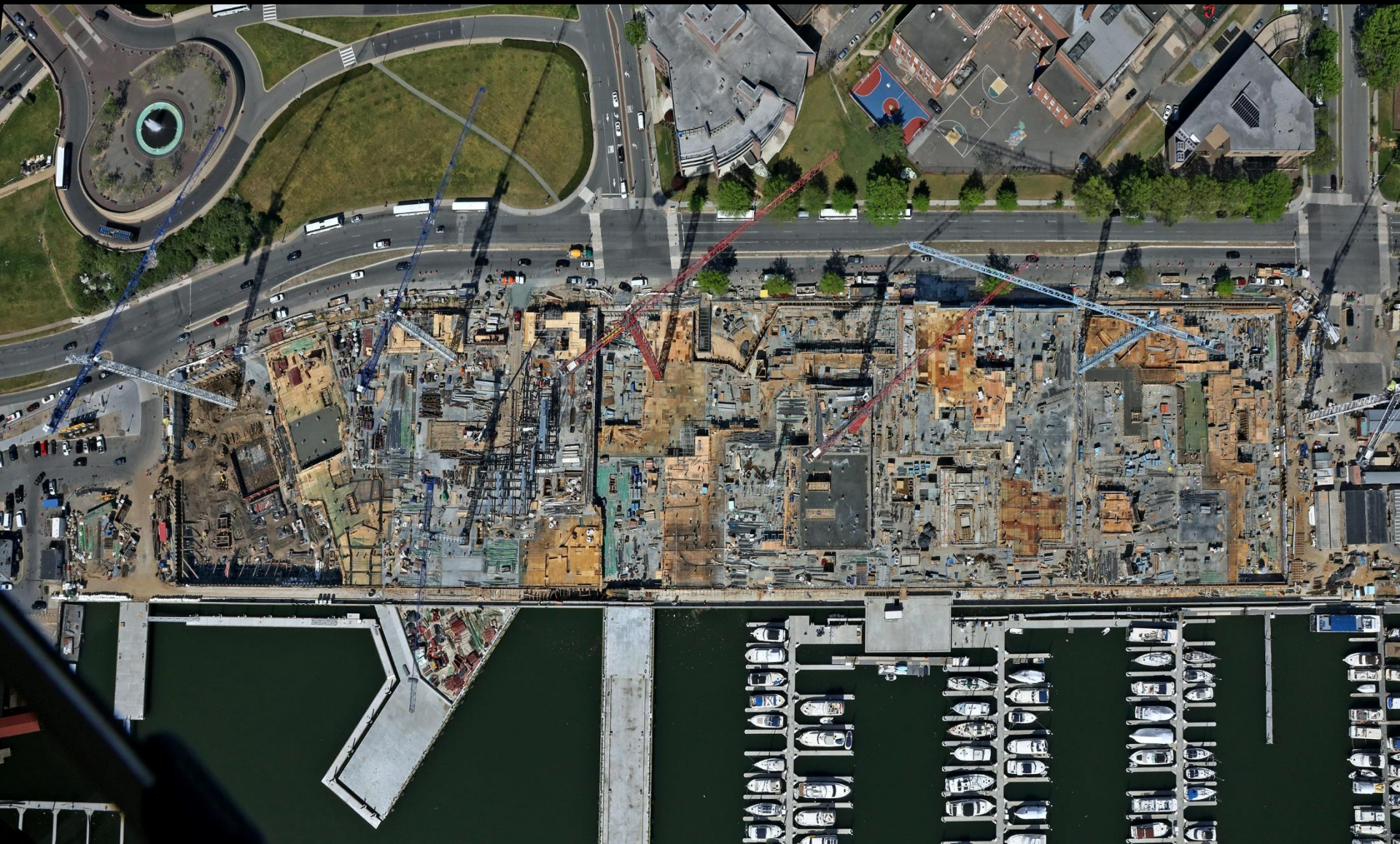
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*Thank you!*

Catriona Winter

[catriona.winter@clarkconstruction.com](mailto:catriona.winter@clarkconstruction.com)

# Questions?



**THE WHARF**

HOFFMAN • MADISON WATERFRONT