

Item No.: 8j\_Supp

Meeting Date: December 14, 2021

# World Trade Center West (WTCW) Roof Replacement

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# Action Requested

Design Request Authorization: \$175,000

Estimated Total Project Cost: \$2,284,000



PIER 69

PIER 66

PROJECT  
LOCATION

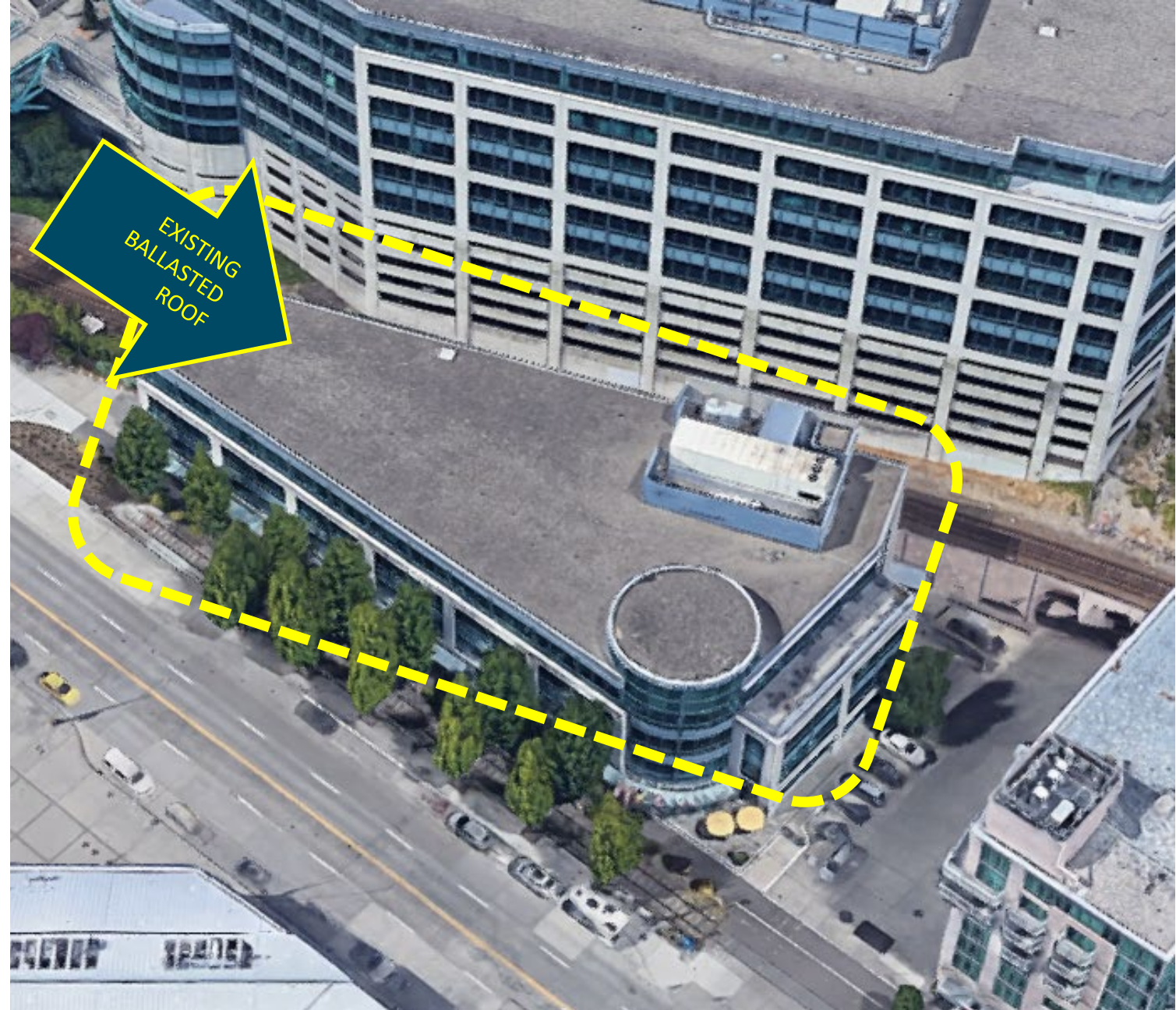
# World Trade Center West and Vicinity

# Background

- 20,600 SF 4 story multi-tenant office building. Ballasted roof system at the end of service life
- Tenants: World Trade Center Club, Café Opla, Columbia Hospitality, World Affairs Council and Others

# Approach

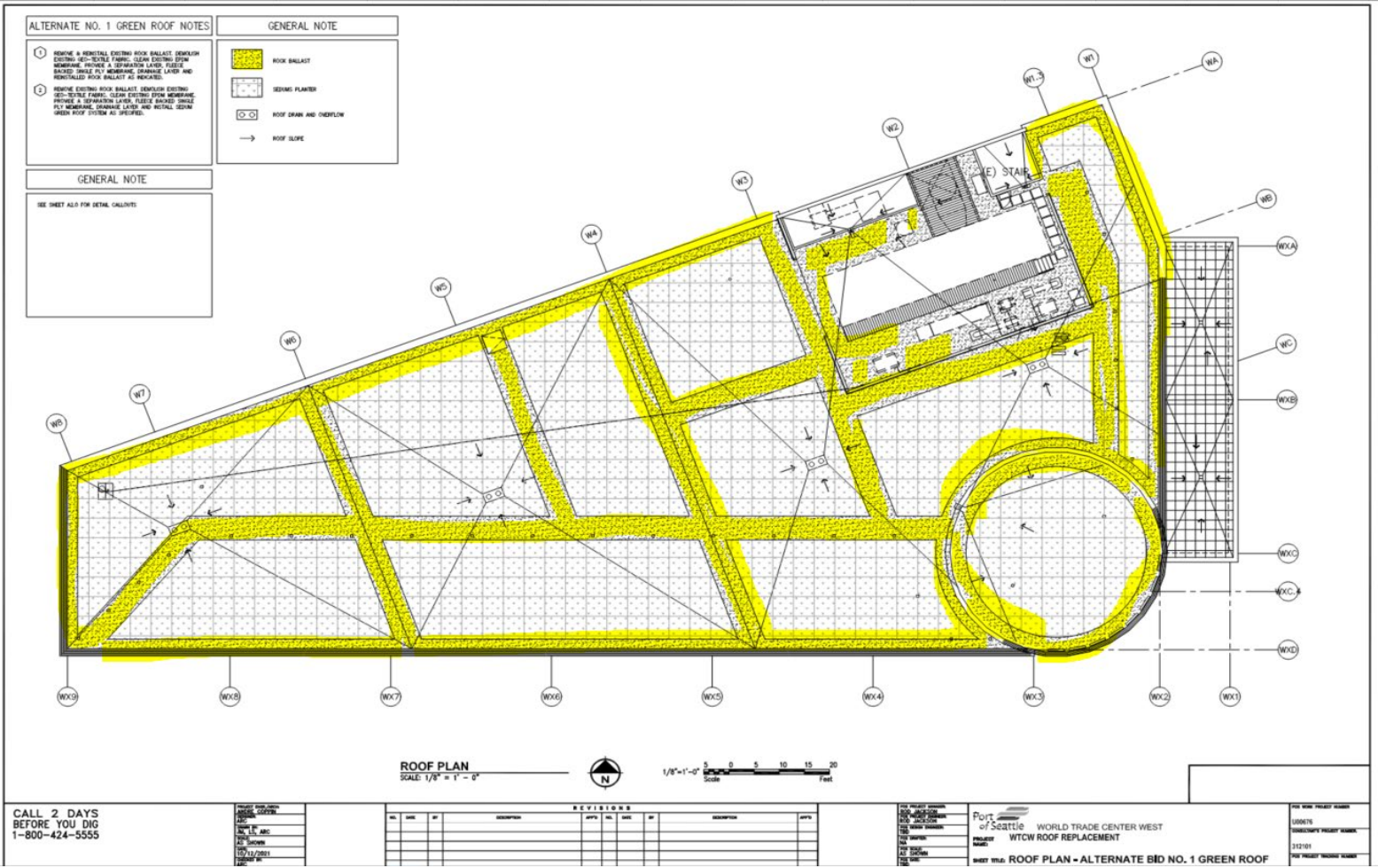
- A Sustainable Evaluation Framework will be used
- Balance Cost with Increased Energy Efficiency
- Installation of a Green Roof Technology
- Overlay existing waterproof membrane, add insulation, and reuse the existing Gravel Ballast





WTCW Roof Photos of Existing Gravel Ballast and Membrane

# Evaluate Green Roof Design



WTCW Roof Top Schematic of Gravel Ballast with a Partial Green Roof Technology

# Contracting Method and Schedule

- December 2021: Design Authorization
- December 2021 ~ Q2/2022: Design
- Q2/2022: Construction Authorization
- Q3 2022 : Advertise, Award, and Execute Construction Contract
- Q3 2022 : Construction
- Q1/2023: In-use date



# Questions?