



Stage 1 - Port Heritage at Graving
Dock No.2
SK03 Architectural Concept

Client's Presentation
DPC, July 2020

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Introduction - Existing examples of Dublin Port Structures with Architectural & Heritage merit within the Public Realm



Poolbeg Lighthouse beacon
Port Centre Pedestrian Bridge Dynamic Form & views to garden
Alexandra Sliding Wall/ gate & concealed Substation with community religious display



Diving Bell interpretive installation
North Bank Lighthouse River Liffey
Perforated Crane Enclosure with lantern type illumination as gateway



Introduction - Port Centre Precinct
Architectural Design



Port Centre precinct is a new public realm space that creates a legible urban interface of the Port with the City and provides a variety of character areas from a public plaza to an intimate walled maritime garden around the existing HQ building, Port Centre.

Architectural interventions include the Turnstiles Gates that pivot to form fin walls to open the Plaza to the north & a restored Heritage Crane with an illuminated sculptural plinth to the south that signal the Port's threshold off the East Wall Road. Within the site a footbridge spans off a Moat wall to connect the relocated carpark to the HQ elevated podium while oversailing the garden.

A mirrored 'Timeball' sculpture on the podium is scaled to reflect the working port in with human movement passing by and Alexandra Road boundary has been reconfigured with an automated sliding wall and board-marked concrete fin walls that conceal an electrical substation.

The use of Corten steel for the interventions compliments the existing modular concrete Port Centre building and was chosen for its weathered uneven surface finish that has poetic associations with industrial & maritime heritage & the passage of time. Perforated steel surfaces create patterns of texture relating to historic naval maps and modulate light through the massive elements of gates, walls and crane.



▲ Port Centre - Expressed concrete structure over glass box - Miesian influenced Architecture

▼ Bridge - Pedestrian walkway designed as a cantilever to land lightly on the existing podium making use of existing concrete Moat walls



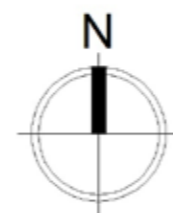
▲ Turnstiles - Large scale gates to Plaza



Context - Aerial View & Site Photos



▲ Aerial view of site with location of Graving Dock Heritage Proposal



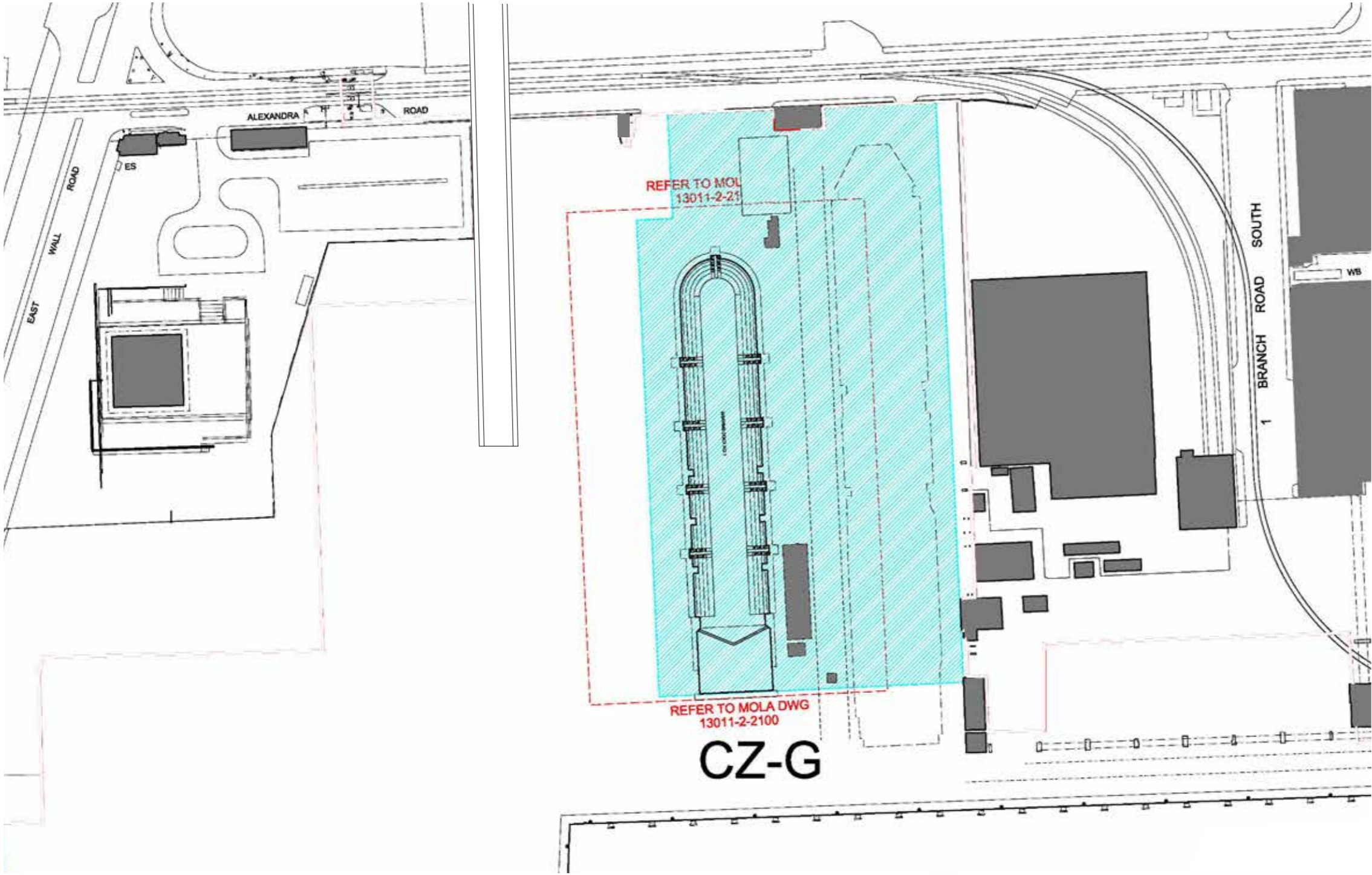
▲ View from Docks' Site looking north-west towards former Dock Gate Keeper's Hut



▲ Existing Dock Crane located on west side of Graving Dock

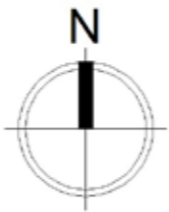


Permitted Alexandra Basin Redevelopment Project
Conservation Zone CZ-G (ABP Ref PL29N.PA0034)

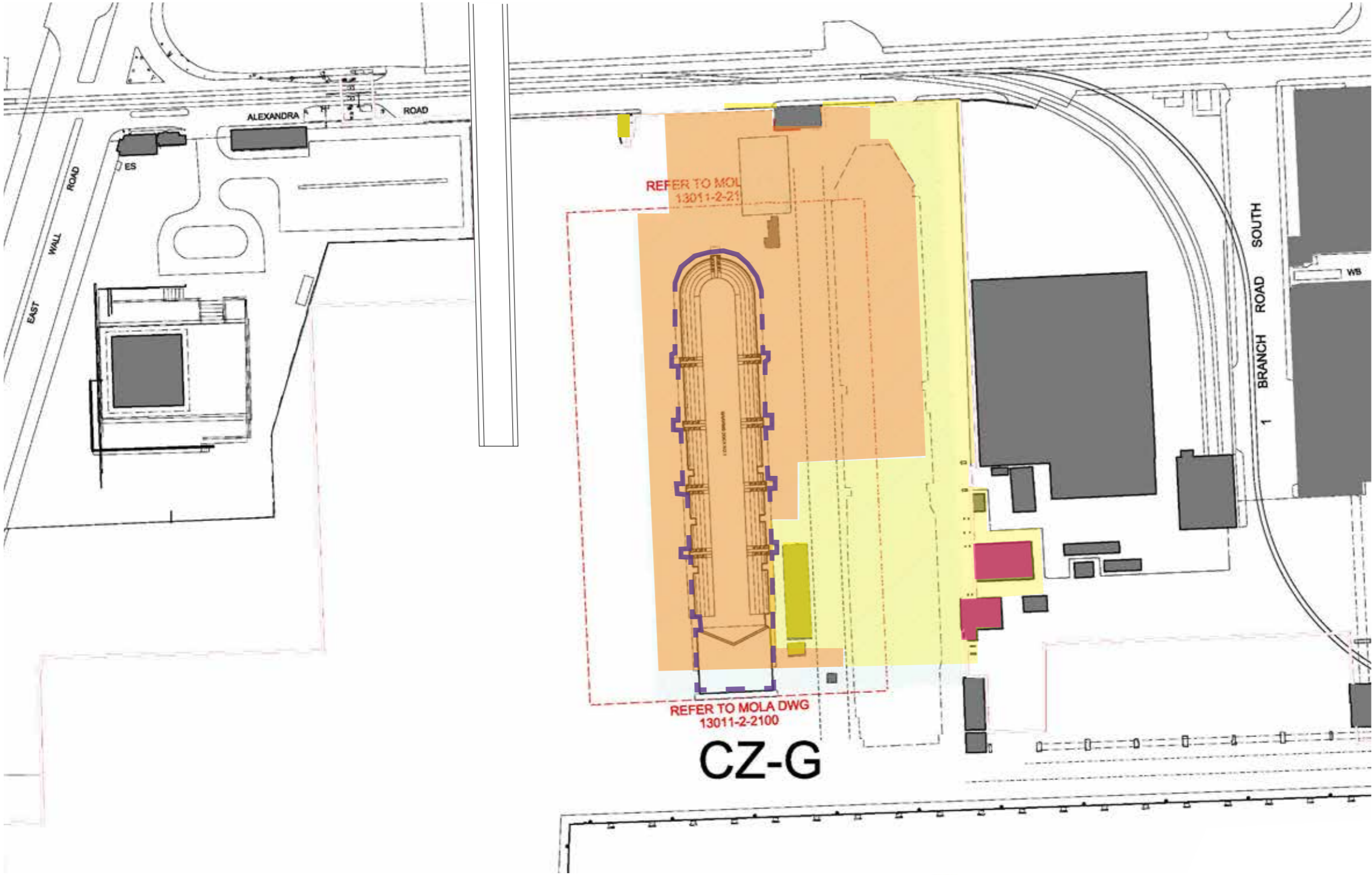


Alexandra Basin Redevelopment
Conservation Zone G

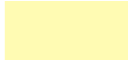



▲ Extract from Alexandra Basin Redevelopment for
Conservation Zone G (Drawing - 1006)



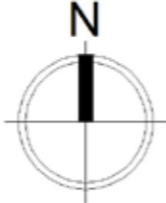
Port Heritage - Stages



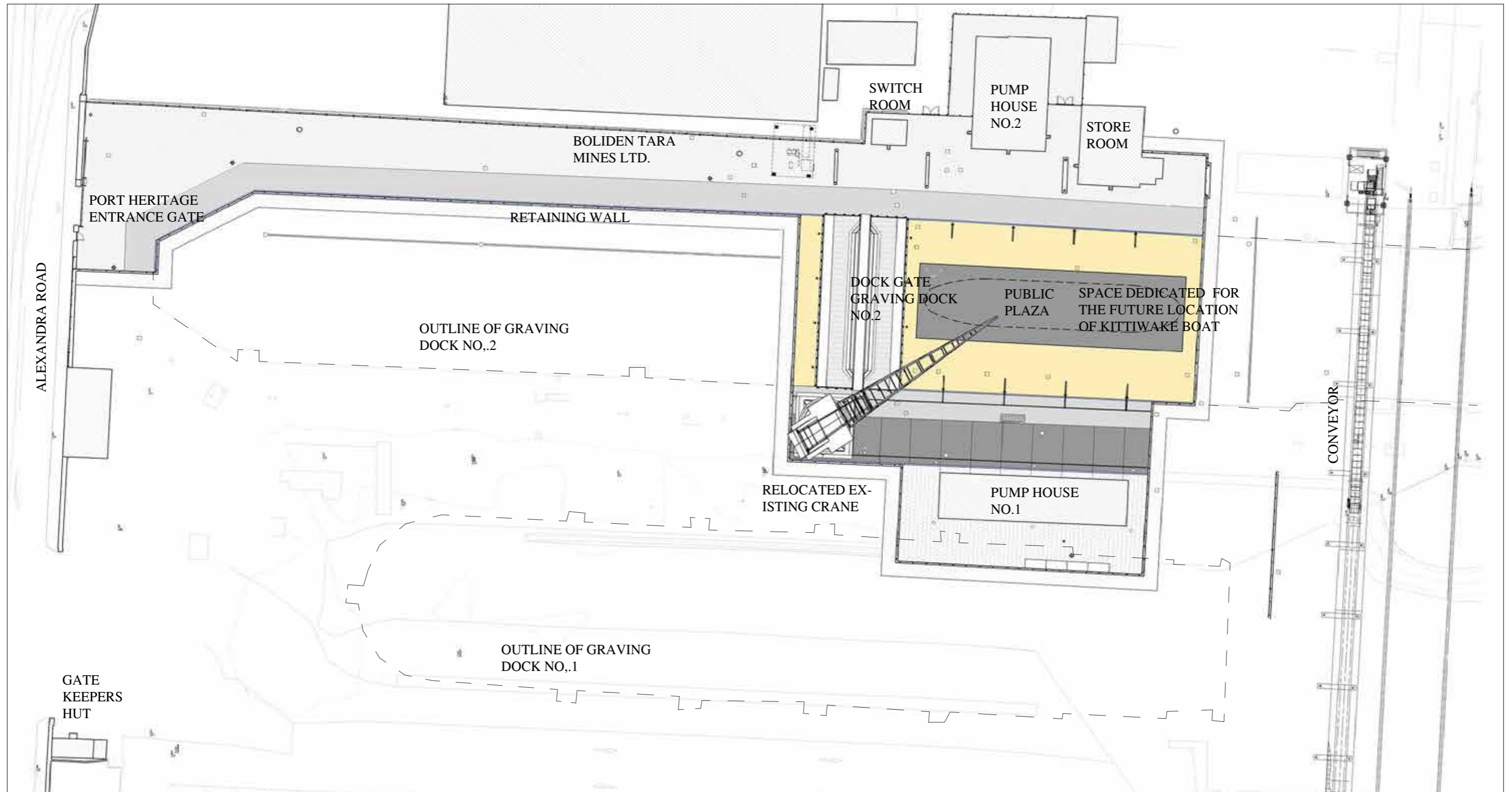
- Stage 1 : Port Heritage at Graving Dock 2
Planned - Q3,20 - Q1,21.
- Stage 2 : Repurposing Building
Opening up Pumphouse 2 as part of the Distributed Museum - Planned 2023
- Stage 3 : Uncovering and Restoration of Graving Dock 1
Planned 2024
- Stage 4 : Architectural Intervention to Graving Dock 1
Future Plan 2025 - 2030

	Stage 1
	Stage 2
	Stage 3
	Stage 4

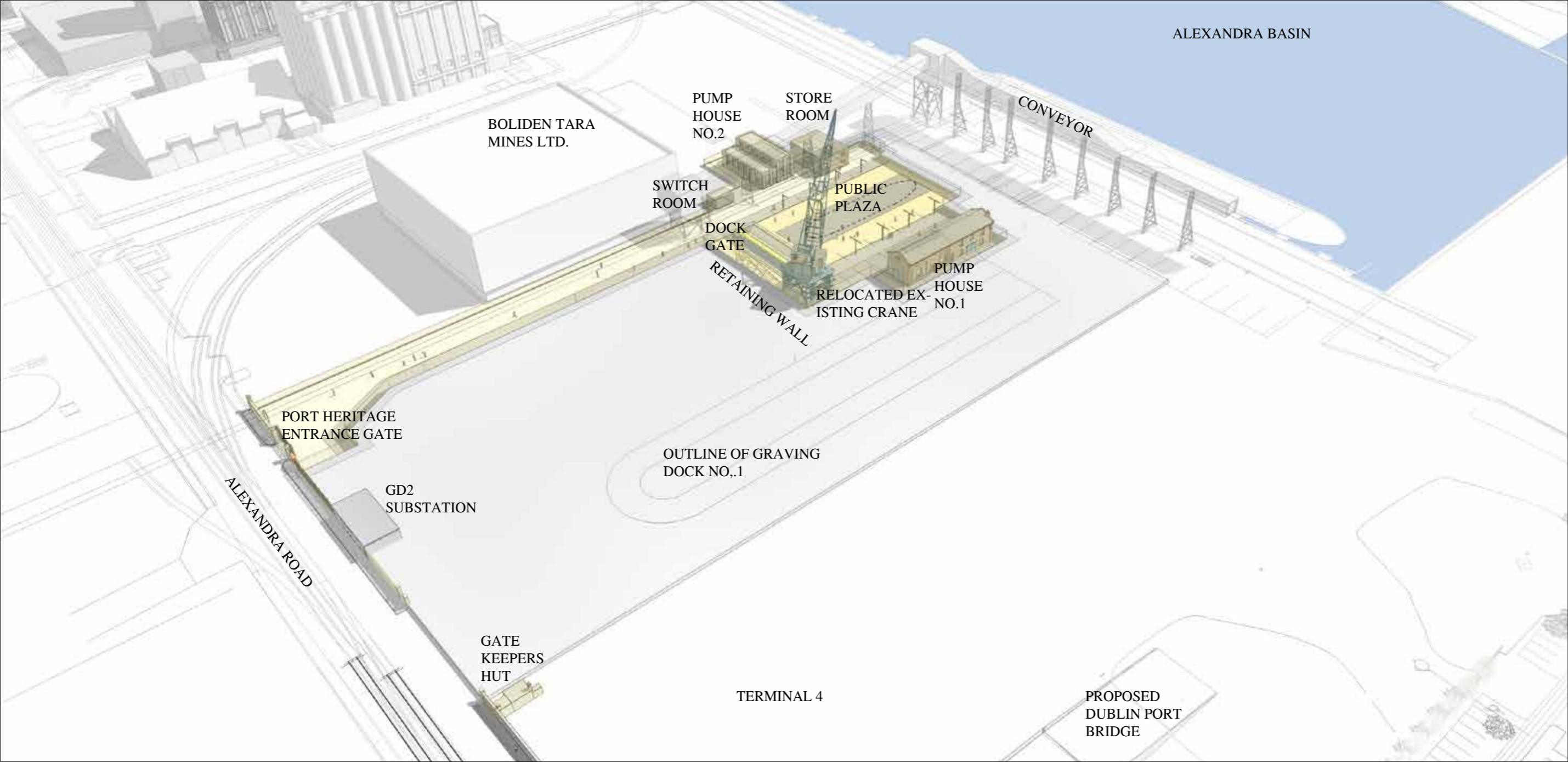
▲ Extract from Alexandra Basin Redevelopment for Conservation Zone G (Drawing - 1006)



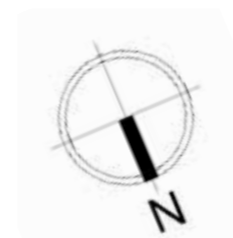
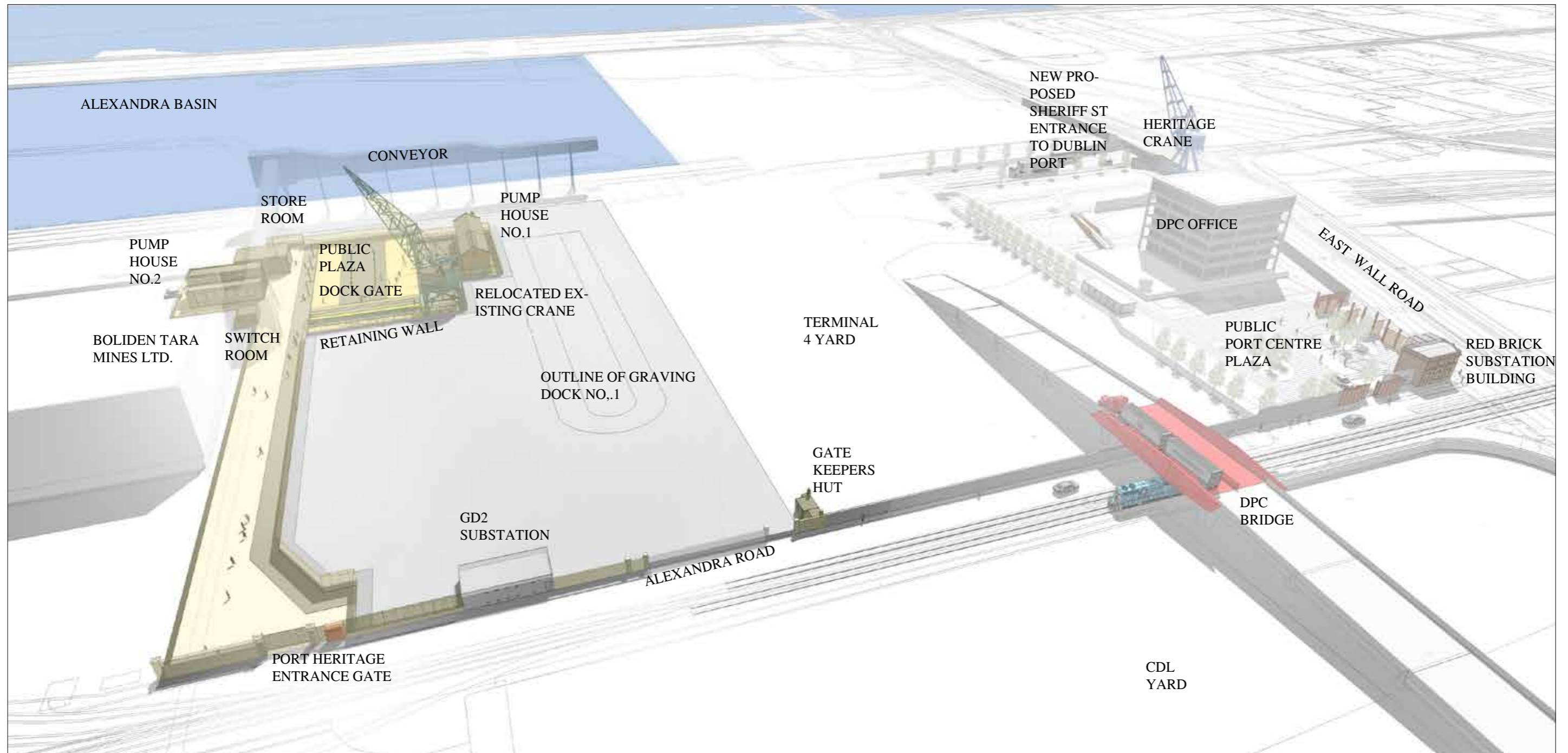
Stage 1 - Site Location Map



Proposed 3D Model Contextual View



Proposed 3D Model Contextual View



Proposed 3D Model View of Public Space



▲ View of Proposed public plaza with retained Graving Dock No.2 Gate & relocated existing Dock Crane looking south to DP Alexandra Basin.



Proposed New Gates at Entrance to Graving Dock No. 2
3D Model View

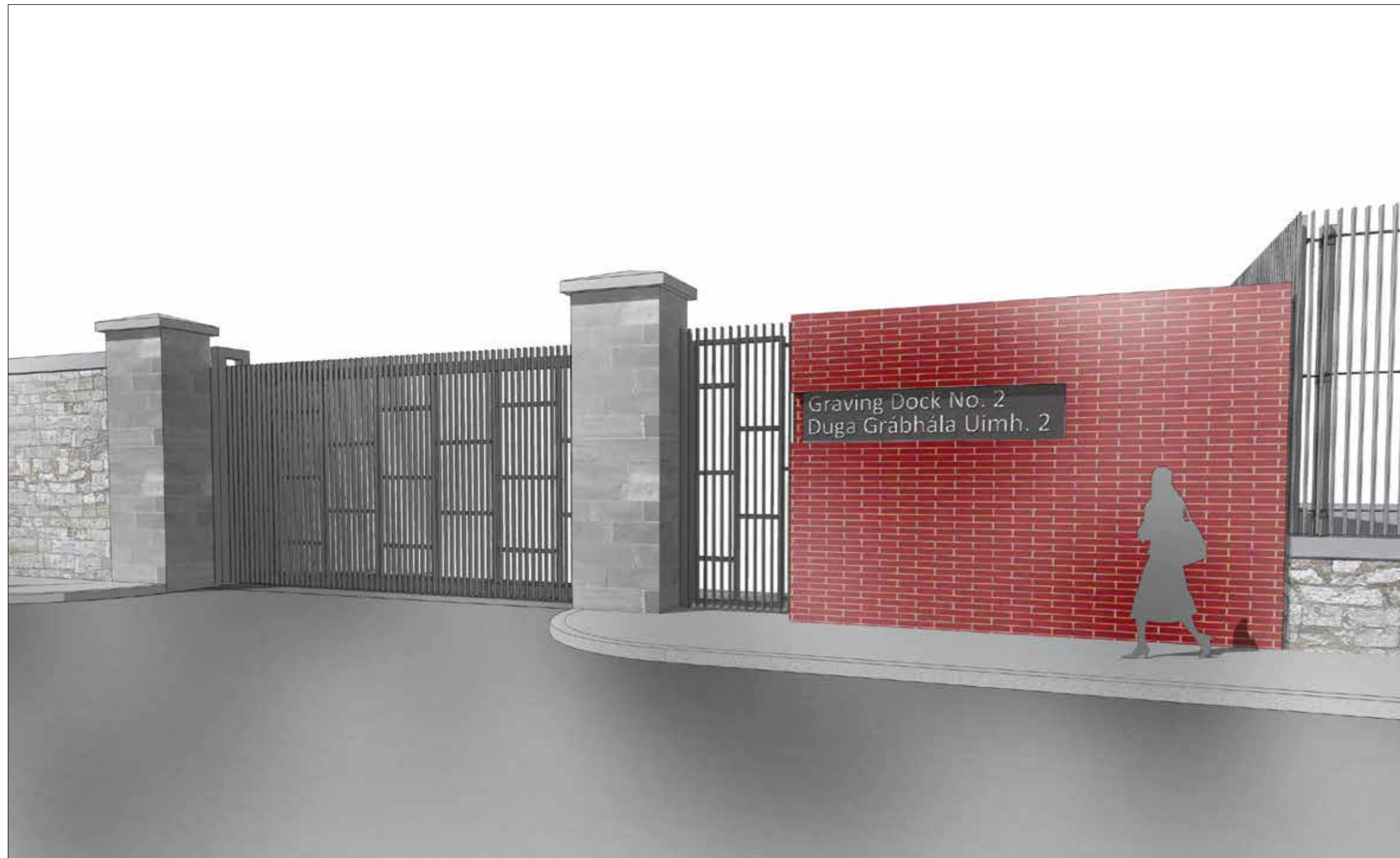


▲ Reference Image of Glazed Red Brick Wall

▲ View from eye level of Proposed New Sliding Gate Entrance, New Pedestrian Gate Entrance & New Glazed Red Brick Wall with Graving Dock Signage - looking south-west from Alexandra Road



Proposed New Gates at Entrance to Graving Dock No. 2
3D Model View



▲ Reference Image of Glazed Red Brick Wall

▲ View from eye level of Proposed New Sliding Gate Entrance, New Pedestrian Gate Entrance & New Glazed Red Brick Wall with Graving Dock Signage - looking south from Alexandra Road



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