



CONTENTS

Locomotive Workshops

Mirvac

Response to SSDA Submissions Package

May 2018

SISSONS

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Contents

1.0 Design Details

1.1 Loading Dock

1.2 Roof Plant

1.3 Roof Details

1.4 Floor Transitions

1.5 Fitout Guidelines Intent

1.6 Travelator

1.7 Signage

1.8 Back of House Wall Treatment

1.9 Materials

1.10 View Down Central Spine + Fire Separation

1.11 Amenities Bay Retail Bay 4A

1.12 Amenities Pods Bays 5-13

1.13 Reversibility

1.14 Smoke Attenuation

1.15 Supermarket View

1.16 Services Reticulation

1.17 Roof Maintenance and Access Systems

1.18 View Down Central Spine - Bay 7-8 East

1.19 View Down Central Spine - Bay 8-9 East



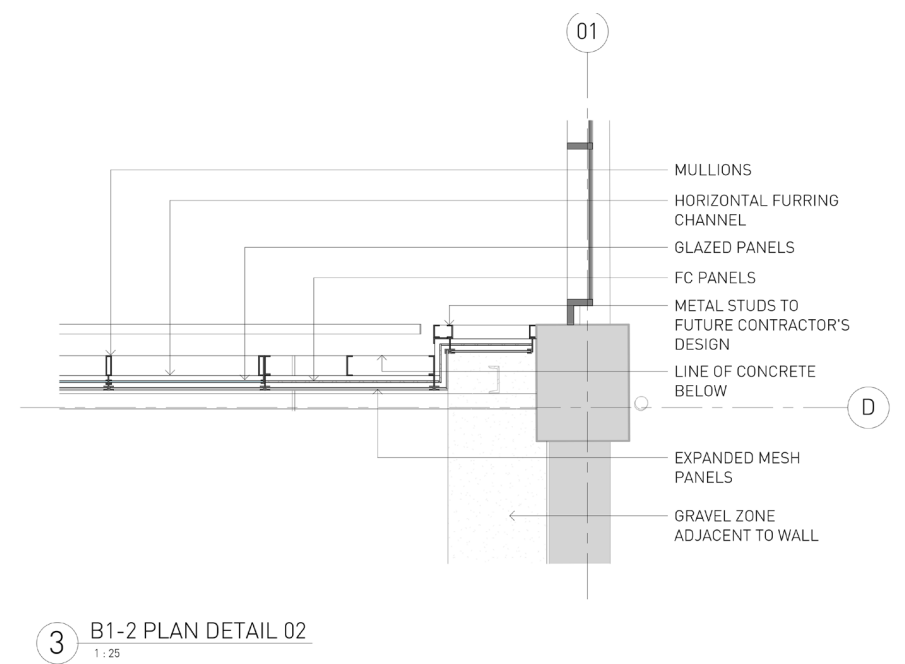
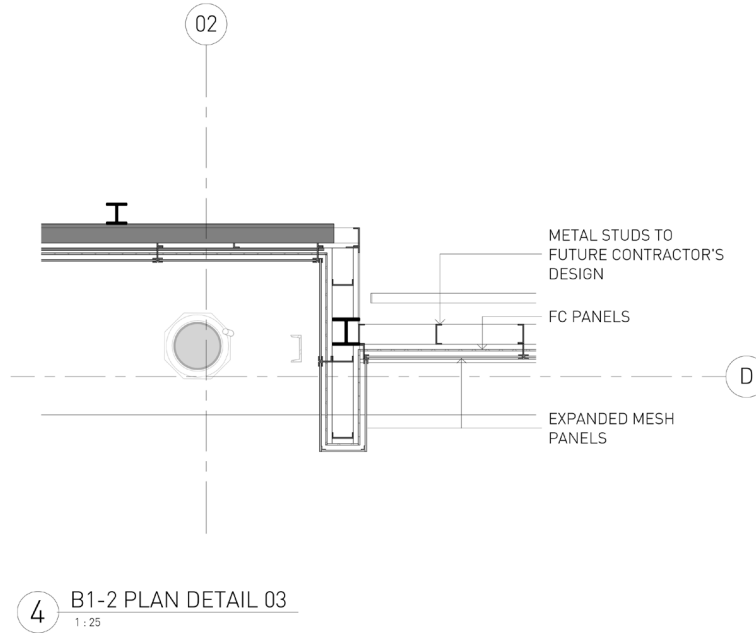
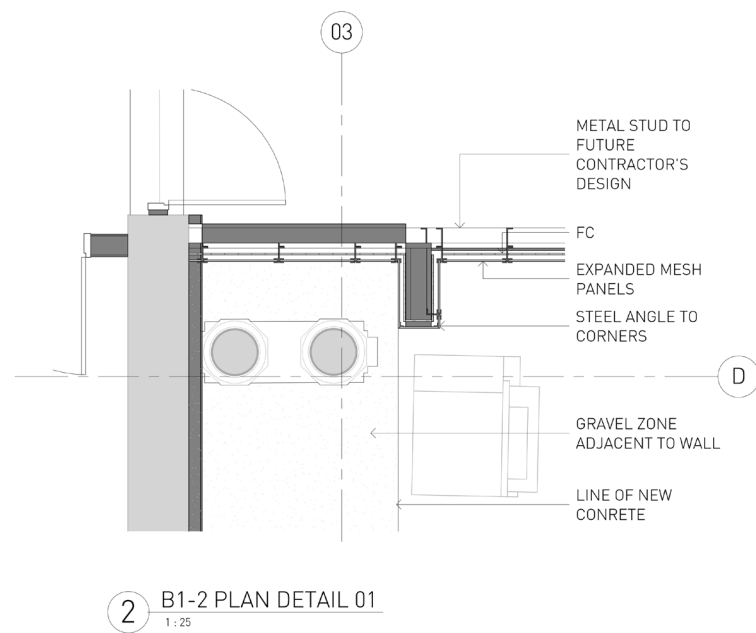
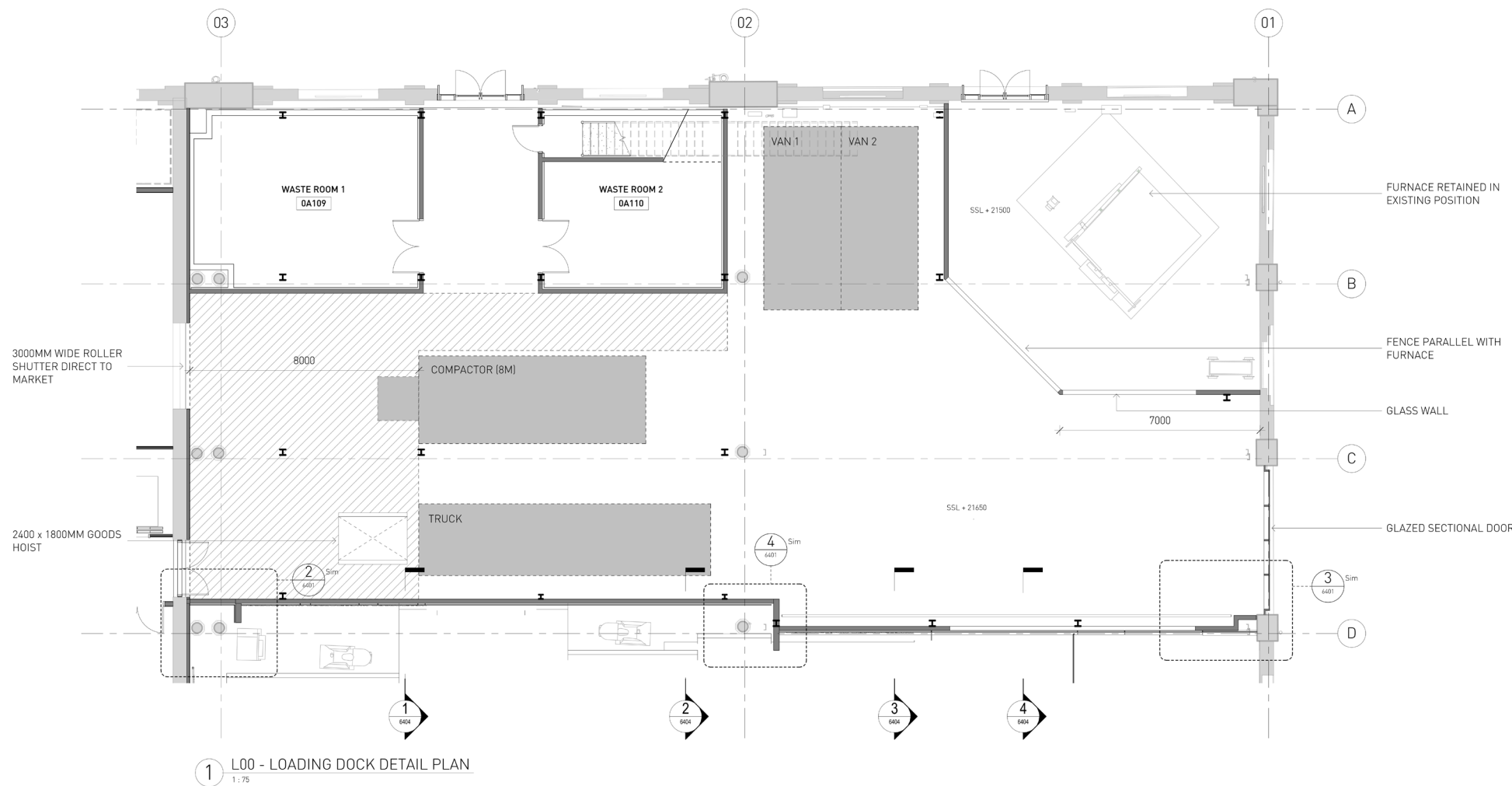
1.0 Design Details

1.1 Loading Dock

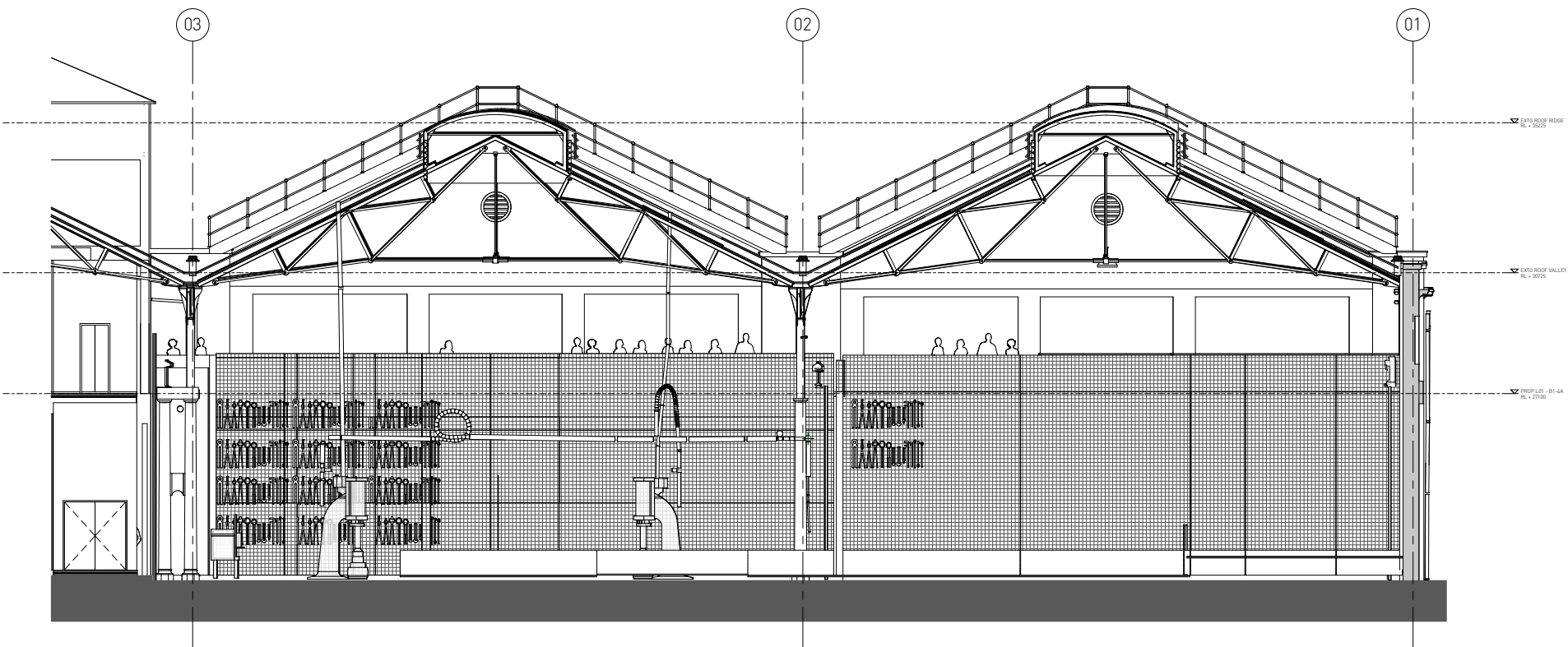
The walls surrounding the Davy furnace are to be glazed to ensure maximum vision through the dock and to the furnace from the public realm. Given the functionality of the loading dock, protective barriers will be in place on the dock side of these walls to protect both the walls and the heritage equipment from vehicles. These barriers are to be designed to be as minimal as possible, utilizing railing elements rather than solid barriers.

Vehicle parking zones have been shifted to ensure that when parked the vehicles will not obstruct views from the public realm to the Davy furnace. The compactor and waste rooms are located out of sight from publicly accessible areas.

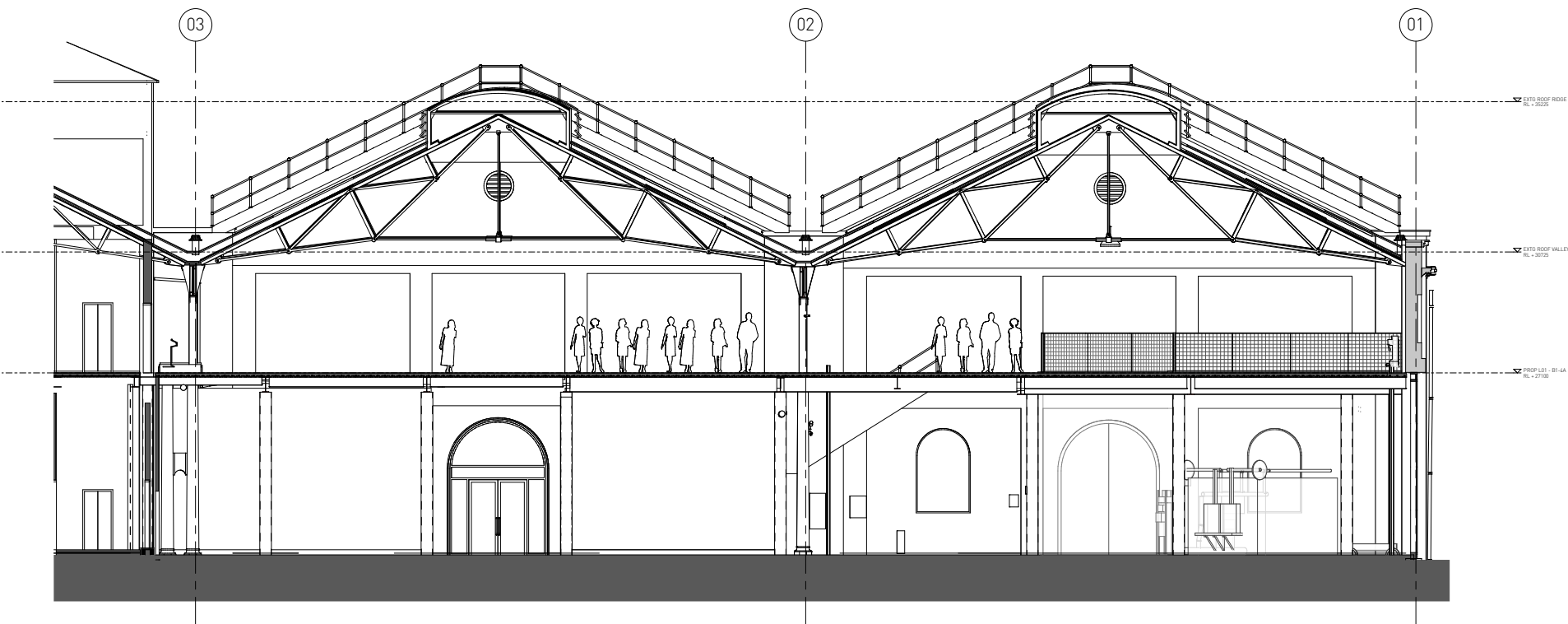
Where back of house loading dock areas are bounded by heritage walls and columns, a new protective wall lining is proposed on the dock side to protect the heritage fabric from wear and tear. Refer to the attached diagrams for indicative details.



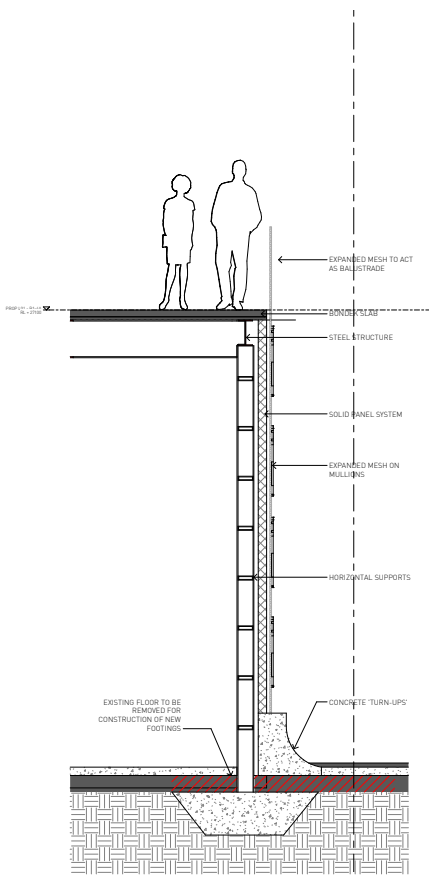
1.1 Loading Dock



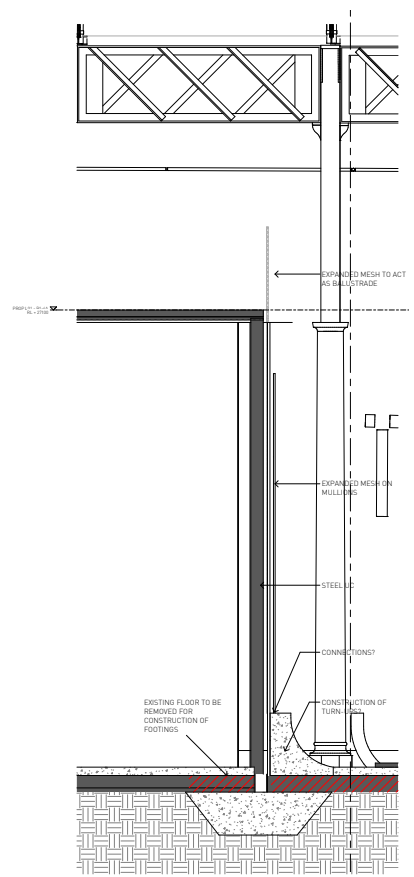
Loading Dock - Elevation A



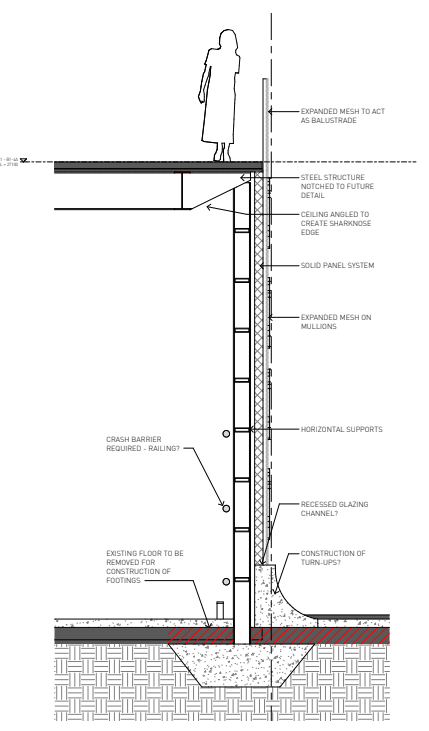
Loading Dock - Section A



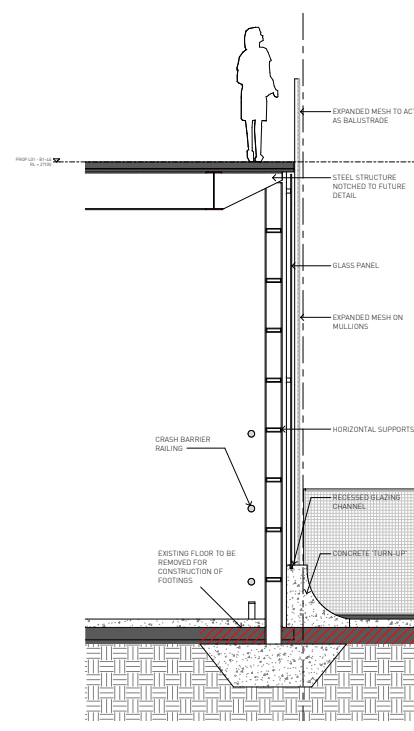
Detail - Section A



Detail - Section B



Detail - Section C



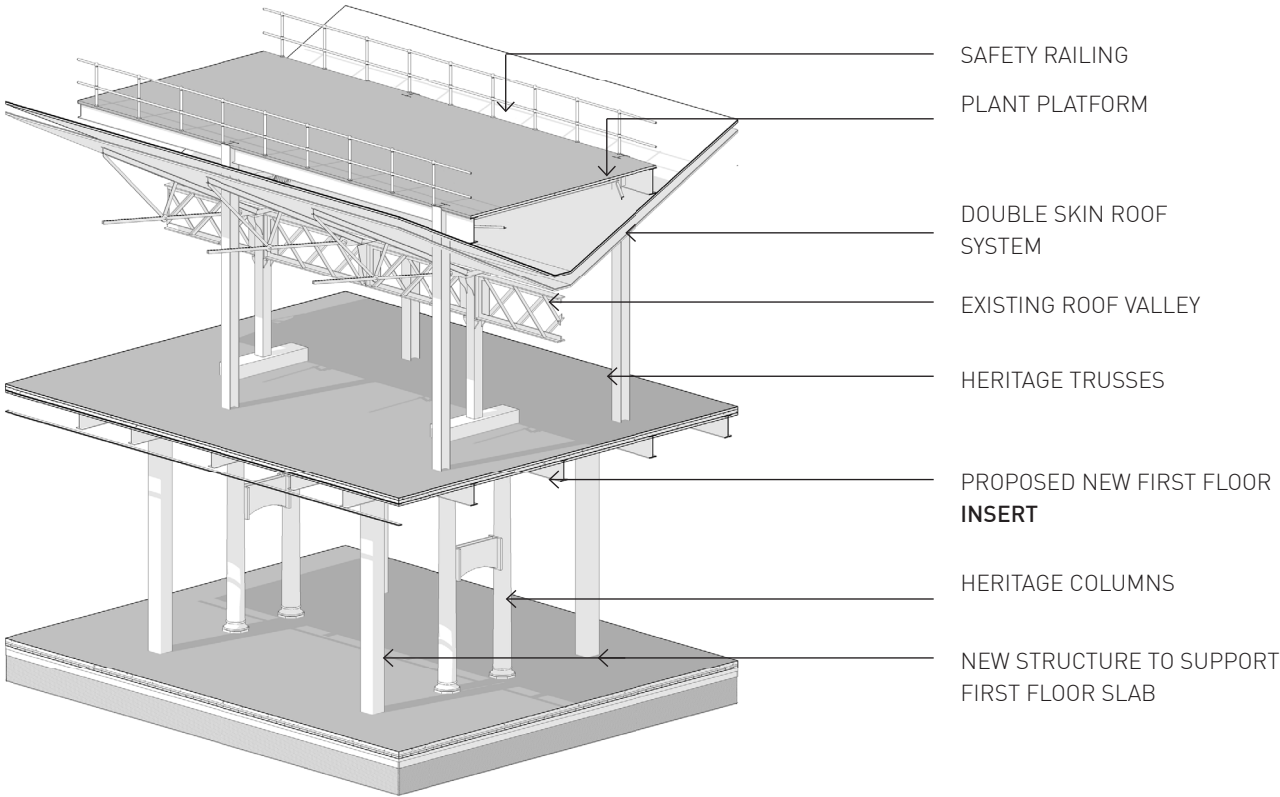
Detail - Section D

1.2 Roof Plant

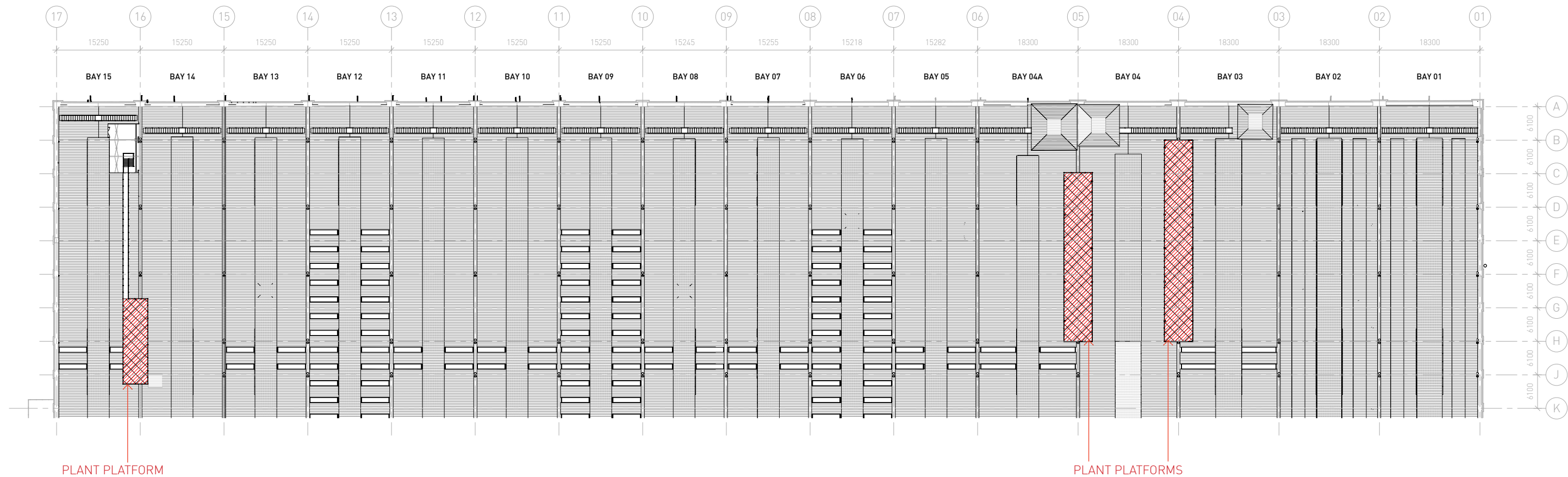
Roof plant platforms are set back from the building perimeter and will not be visible from the public domain, as clearly indicated on page 41 of the Design Report.

The platforms are to be supported by new columns which are to transfer the load to bear on the supports for the new first floor slab in Bays 3-4A. As such no additional groundworks will be required as a result of the platforms. The platforms are to be accessed via new access stairs leading from the fire egress stairs in Bay 3 and Bay 4A.

A third plant platform is proposed in the valley between bays 14 and 15, its location at grid line H is well concealed from view from the public domain. This platform is support by new columns to go to ground.



Roof Platforms - 3D Sectional View



Roof Plant Platforms - Excerpt Plan