

04 Design Precedents & Materials

Prologis Stockley Park West

Doc. Ref: PLON01-CWO-XX-XX-RP-Q-00090

Revision: P02

Design Precedents & Materials

Architectural Rhythm & Fins

The position of the DC01 gantry, poised along one of the site's most sensitive edges, calls for a façade of greater delicacy and intent. Its length and mass are not to be concealed, but softened, broken into moments of rhythm and quiet variation that shift with the passing light. This led to the need for an architectural language that responds to the warehouses behind it, the industrial landscape around it and the softer, slower character of the canal. A façade that breathes with the seasons, catching early sun, absorbing winter shadow and offering nuanced readings from every vantage point.

In this search for a measured yet expressive response, the fin-based strategy proved most fitting - introducing depth, motion, and gentle cadence, allowing the long elevation to unfold rather than impose.

A series of architectural precedents was reviewed to understand how fin elements are used across different building typologies. The study explored how fins can soften large façades while visually blending with existing building languages, adding depth and texture. The design team focused on variations in fin depth, spacing and arrangement, and how these can influence the perceived scale and rhythm of long elevations.

One key observation was the role of fin depth in generating shadow and visual richness. Shallower fins create a subtle layer of articulation, while deeper projections produce stronger shadow lines and a more pronounced sense of depth. Similarly, variations in spacing and grouping can introduce a more dynamic rhythm, helping to break down the scale of large façades while maintaining an ordered composition.

The precedents also highlighted the effectiveness of subtle tonal variation and strong horizontal elements. Slight differences in colour can add texture and respond to changing light conditions, while horizontal bands help subdivide larger elevations into more legible proportions. This approach reflects the established language of the existing warehouse, where the green roofline and intermediate horizontal bands create a clear and legible framework across the façade.

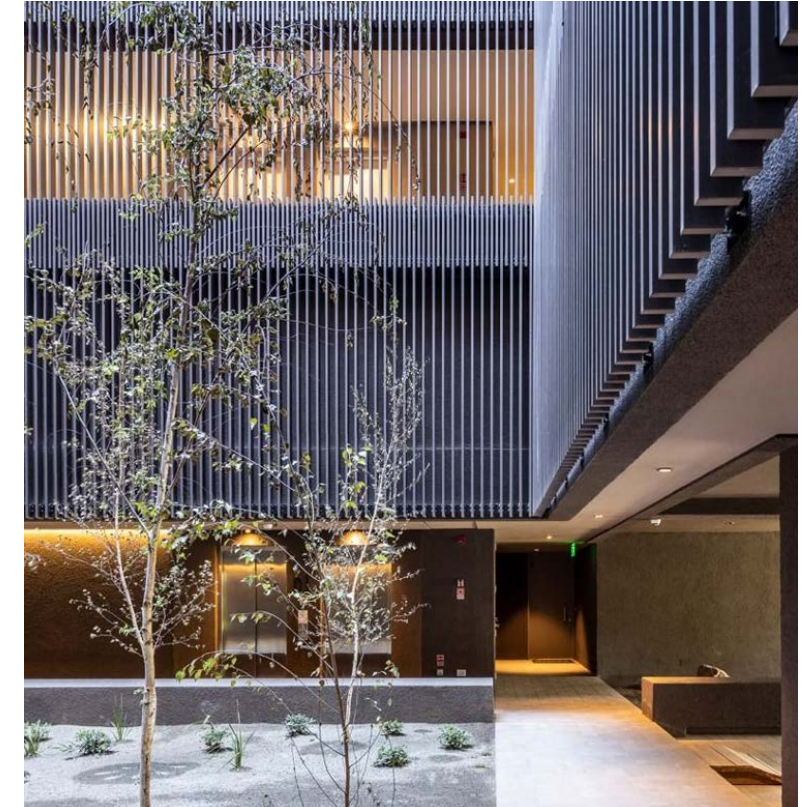
Overall, the precedents informed a restrained and considered approach that balances visual interest with architectural clarity. The fin strategy introduces a layered façade expression while maintaining a clear relationship with the scale, proportions and established horizontal language of the existing building.



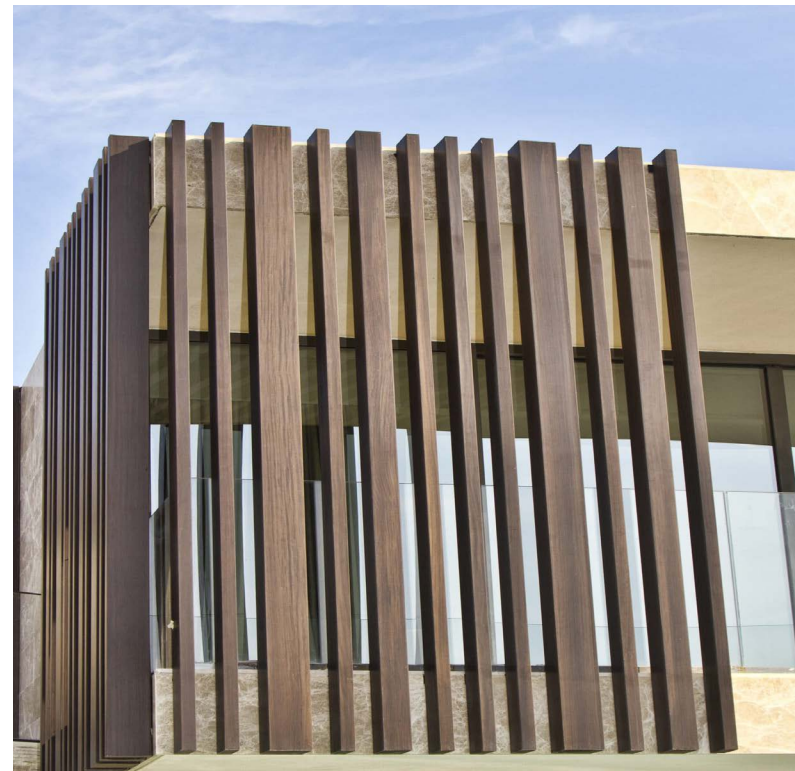
Temple Farm, Chelmsford, UK



GLA Chukyo Hall, Nagoya



Edificio Karün, Santiago, Chile



Adres Yalıkavak, Bodrum, Turkey



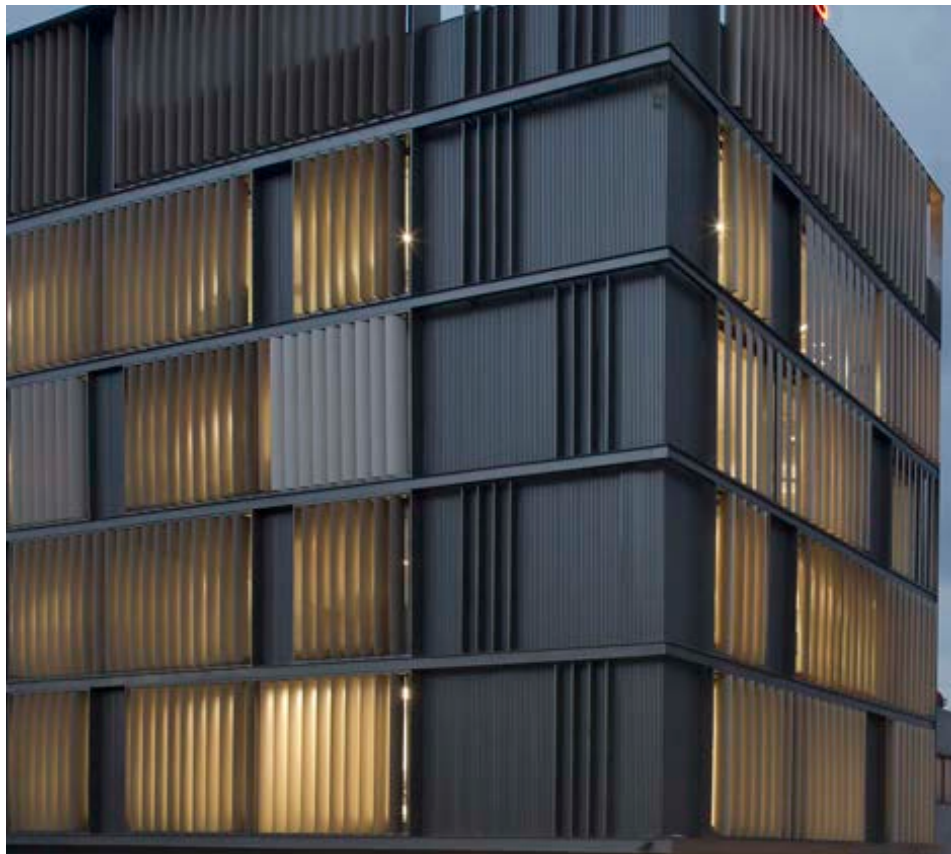
Wilo Building, Dortmund, Germany

Design Precedents & Materials

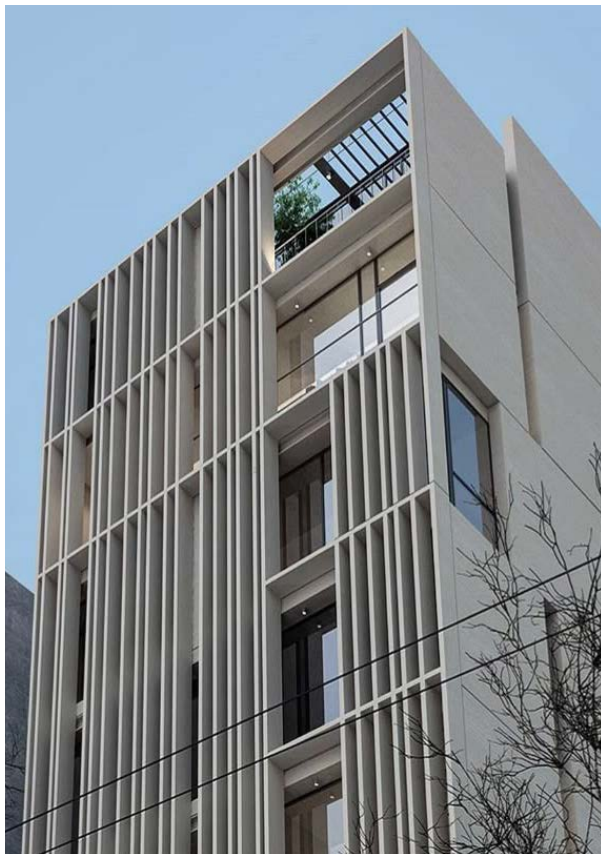
Architectural Rhythm & Fins



Fortius Office Building, Ciudad de México, Mexico



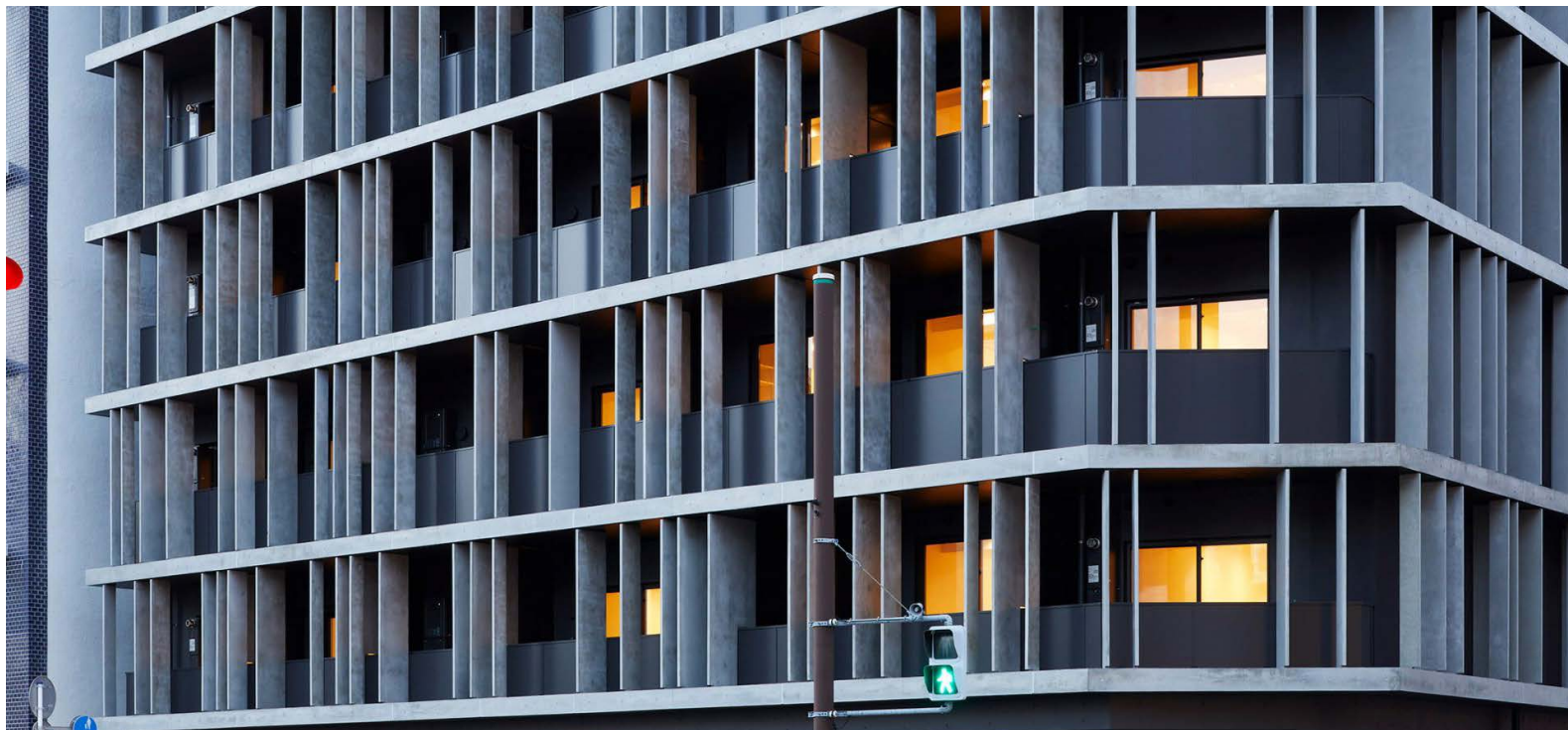
Fortius Office Building, Ciudad de México, Mexico



Niyapark, Tehran, Iran



Kannai Blade Residence, Yokohama, Japan



Kannai Blade Residence, Yokohama, Japan

Design Precedents & Materials

Materials Palette

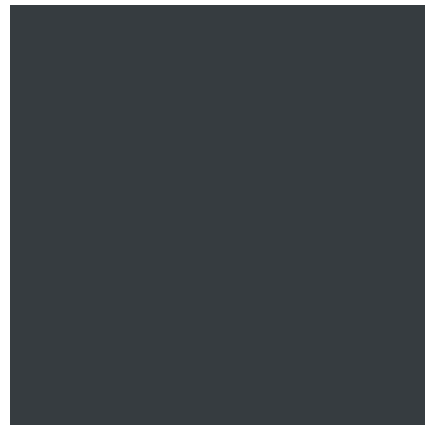
The material palette of the proposed gantry extensions has been carefully developed to harmonise with the context, reflecting the character of the existing buildings and the wider Prologis Park West London development. It is guided by four key principles:

- Visual integrity: robust, context sensitive character.
- Functional reliability: safe, practical for industrial use.
- Durability: Designed to perform reliably long term.
- Maintenance friendly: ease of upkeep over time.

The façades of the existing units are composed in tones of white, silver, and layered greys, structured through alternating sinusoidal and half-round cladding profiles that create a measured rhythm along each elevation. Corner panels in gradient greys offer points of emphasis, while green intermediate and roof bands weave subtle colour accents that enliven the composition and reinforce the brand identity. This thoughtful combination of materials, texture, and colour produces a coherent and expressive architectural language that resonates across the industrial landscape.

These qualities are illustrated on the right and throughout the following pages, where the existing warehouse, Prologis brand-standard colours, and selected materials are presented through visuals, elevations, bay studies, and supplementary imagery, capturing the materiality, tone, and compositional harmony of the palette while showing how each element interweaves with the structural rhythm of the buildings and integrates seamlessly into the existing site context.

Existing Colours Palette



Colorcoat HPS200 Ultra
Anthracite (RAL 7016)



Colorcoat Prisma
Zeus



Colorcoat HPS200 Ultra
Albatross (RAL 240 80 05)



Colorcoat HPS200 Ultra
Turquoise Green (RAL 6016)

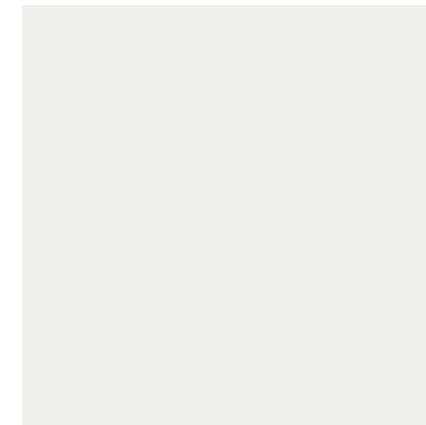


Colorcoat Prisma
Orion (RAL 9007)

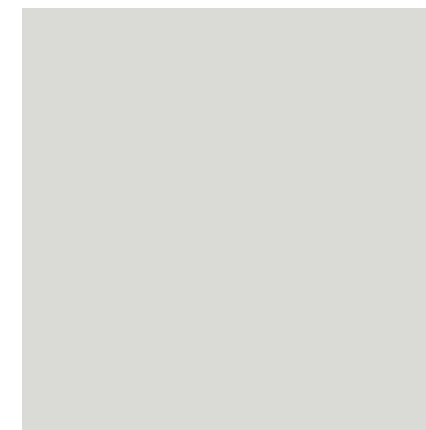


Colorcoat Prisma
Sirius (RAL 9006)

Prologis Colours Palette



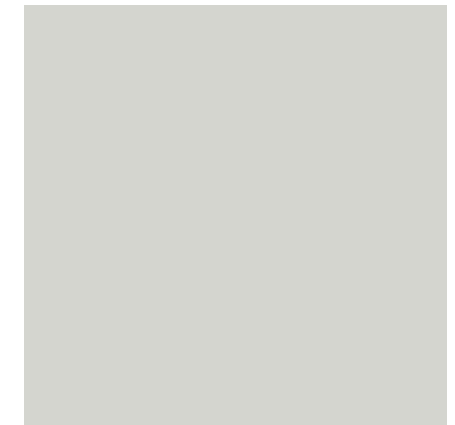
PLD-9 Pure White



PLD-10 First Star



PLD-8 Drake



PLD-6 Stable



PLD-7 Liquorice Tint



PLD-5 New Dark Green

05 DC01 Gantry Appearance

Prologis Stockley Park West

Doc. Ref: PLON01-CWO-XX-XX-RP-Q-00090

Revision: P02

DC01 Gantry Appearance

Materials & Design

The design team has carefully considered comments from the London Borough of Hillingdon throughout pre-application engagement and shaped the design to reflect the vision of the Applicant, Design Team, and Borough for the site.

The DC01 gantry design strengthens the architectural integration of the extension with the existing warehouse while remaining visually subordinate, enhancing coherence, material expression, and visual hierarchy. The south façade reflects the rhythm and proportions of the adjoining warehouse. Variations in cladding profiles, fins, and colours break down what would otherwise read as a singular planar surface, introducing depth and modulation that respond to the primary structure's language.

The fluid movement of canal water inspired the fins, interpreted as a geometric composition of smaller and deeper fins staggered and grouped in varying numbers along the top and bottom sections of the gantry, articulating a refined rhythm and visual movement. By matching the fins to the background colour, the façade engages with shifting daylight and shadow, producing a dynamic play of depth, texture, and visual interest, creating a subtly changing perception of the gantry throughout the day and as viewers move past it.

The integration of horizontal green bands at both parapet and mid-level establishes a strong visual reference that ties the gantry to the warehouse's established architectural framework. These bands reinforce the building's horizontal emphasis, provide continuity across the elevation, and create a deliberate dialogue between DC01 and the simpler gantry form of DC02. This approach ensures the development reads as a coordinated family of elements rather than a series of disparate additions.

Integration is further achieved through the considered reuse of the warehouse material palette, including corrugated metal and rainscreen cladding systems. By adopting the same tonal range and textural qualities, the gantry is embedded within the architectural language of the wider building, ensuring it reads as a coherent and purposeful extension rather than an applied or incidental structure.

Overall, the design ethos emphasizes hierarchy, legibility, and cohesion, maintaining the primacy of the warehouse form while delivering a refined and well-articulated ancillary element that contributes positively to the industrial townscape.



DC01 Gantry Design - Photomontage View from Iron Bridge Road.

2 Colorcoat Prisma Orion (RAL 9007) Stair Cores (Full Height) • Cladding to match existing • Sinusoidal metal profiled sheet • Laid horizontally	4 Colorcoat Prisma Zeus Base Cladding • Cladding to match existing Prime SFX rainscreen	5 Colorcoat HPS200 Ultra Turquoise Green (RAL 6016) Horizontal Band (Top & Intermediate) • Colour to match existing	17 Colorcoat Prisma Orion (RAL 9007) Back Panelling (Top Tier) • Cladding to match existing • Sinusoidal metal profiled sheet • Laid vertically
18 Colorcoat Prisma Zeus Back Panelling (Intermediate Tier) • Cladding to match existing • Half-round metal profiled sheet • Laid vertically	20 Colorcoat Prisma Zeus Fins & Back Panel (Intermediate Tier)/ Bottom Horizontal Band • Colour to match existing	21 Colorcoat Prisma Orion (RAL 9007) Fins & Back Panel (Top Tier) • Colour to match existing	

DC01 Gantry Appearance

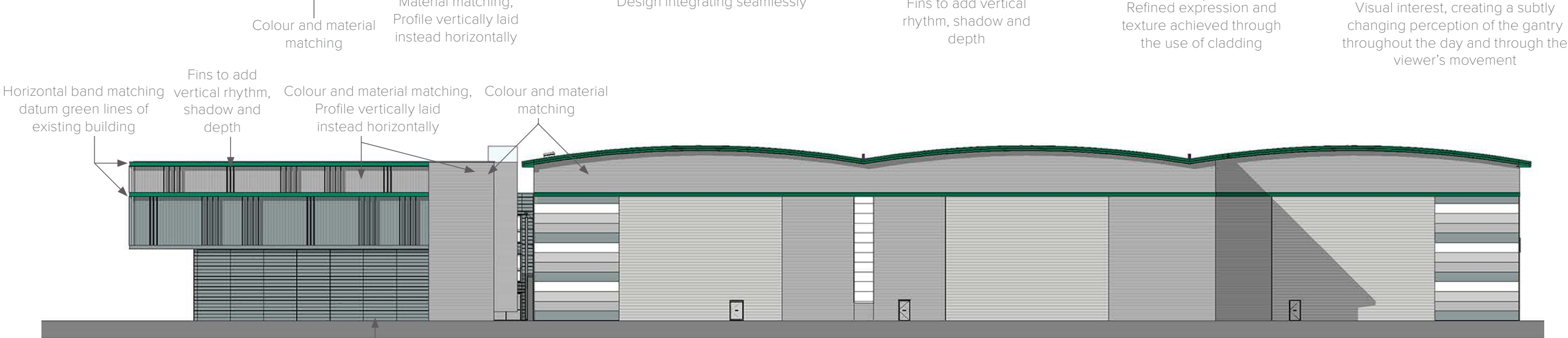
Proposed Elevations



DC01 - West Elevation (A)

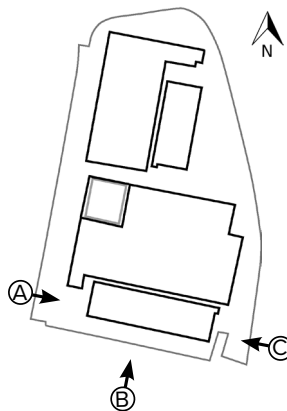


DC01 - South Elevation (B)



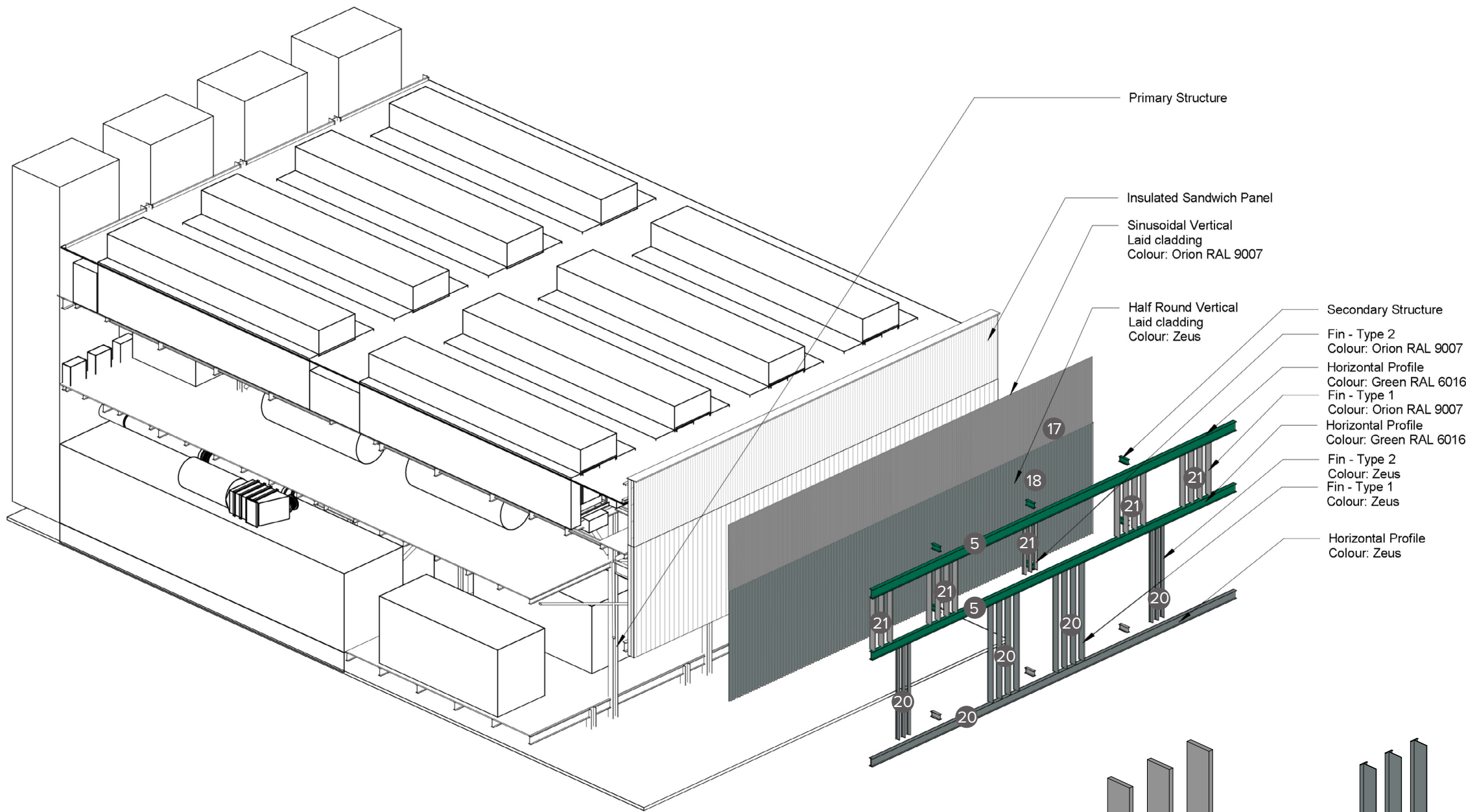
DC01 - East Elevation (C)

Gantry being subordinate

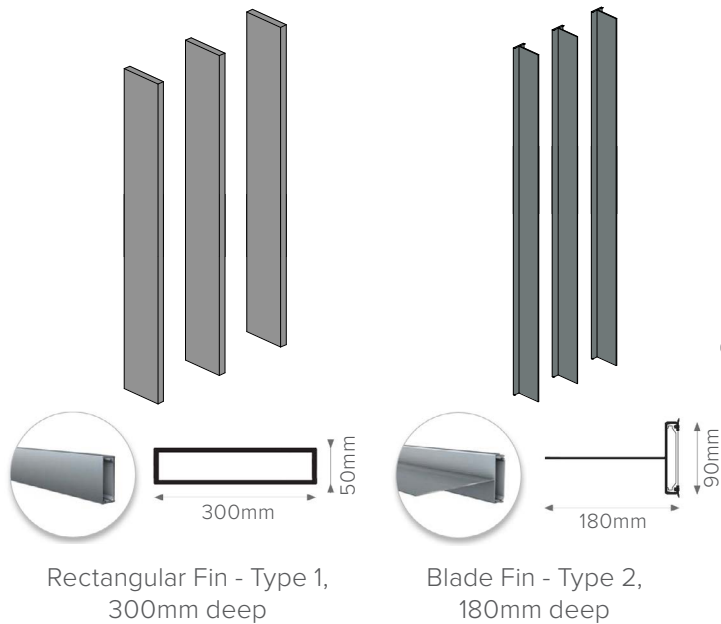
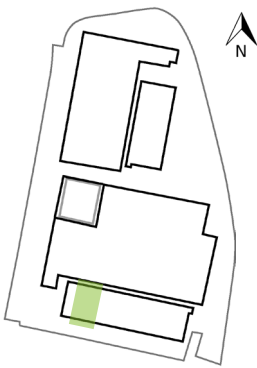


DC01 Gantry Appearance

Bay Study - Axonometry



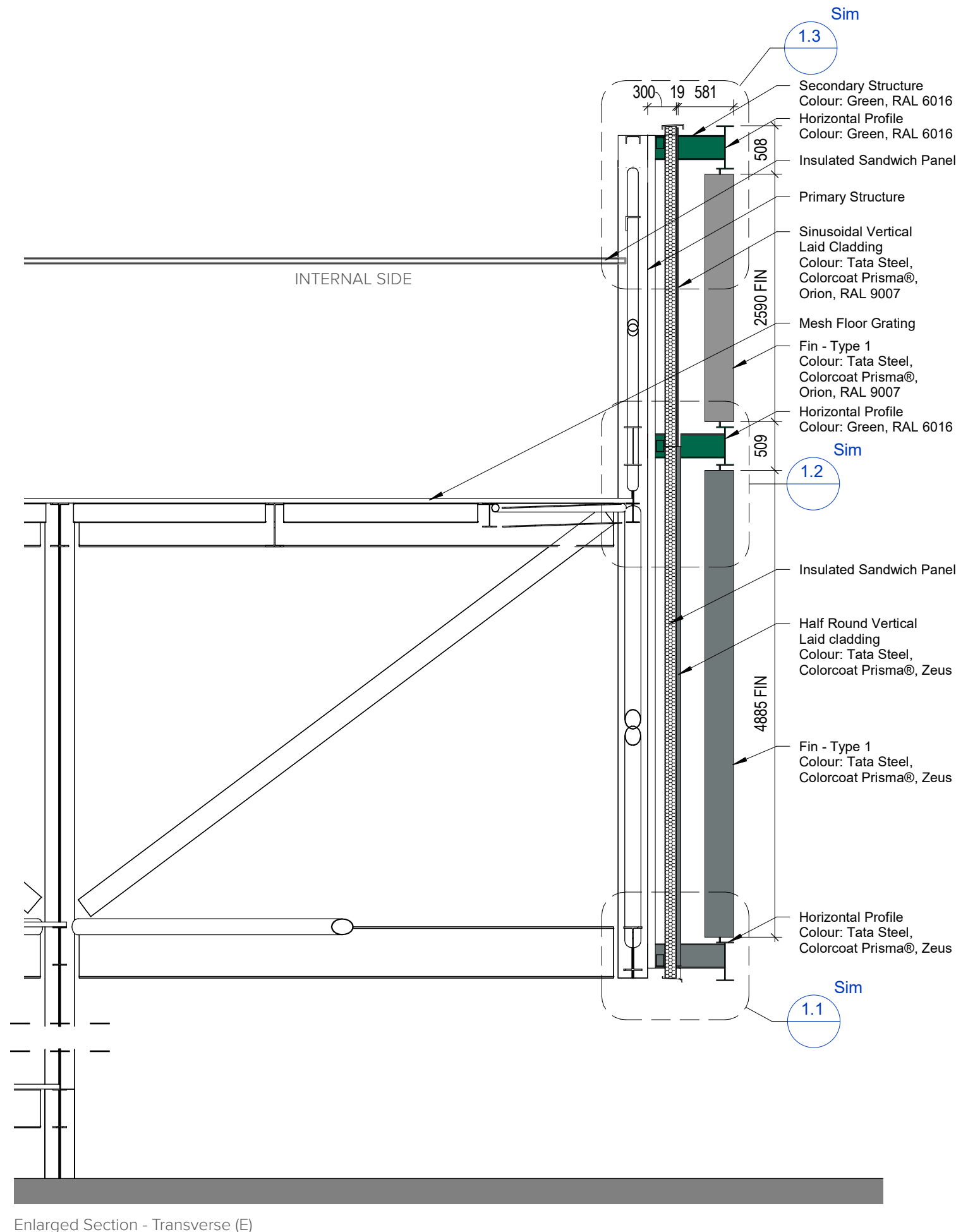
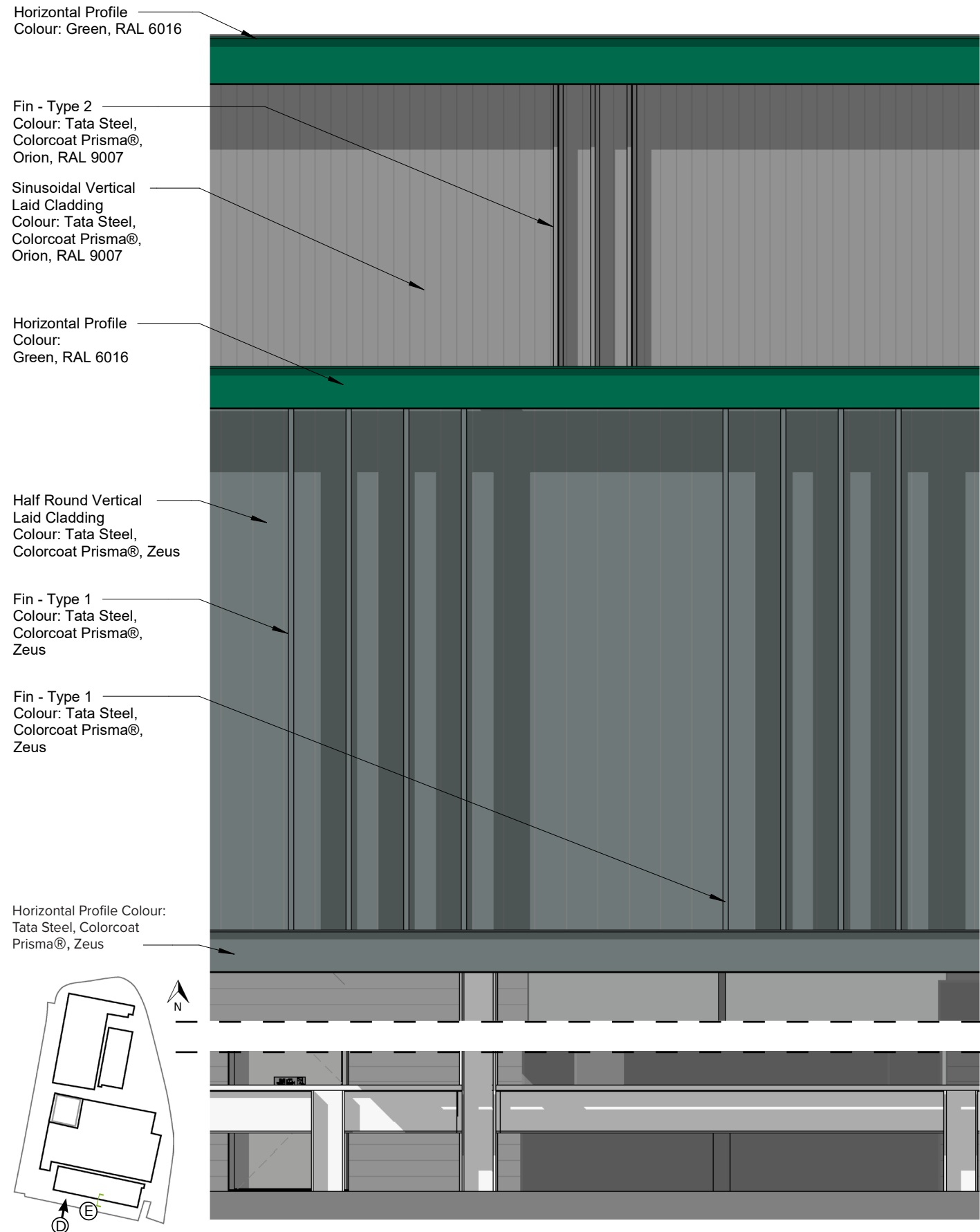
Exploded View - Bay Study



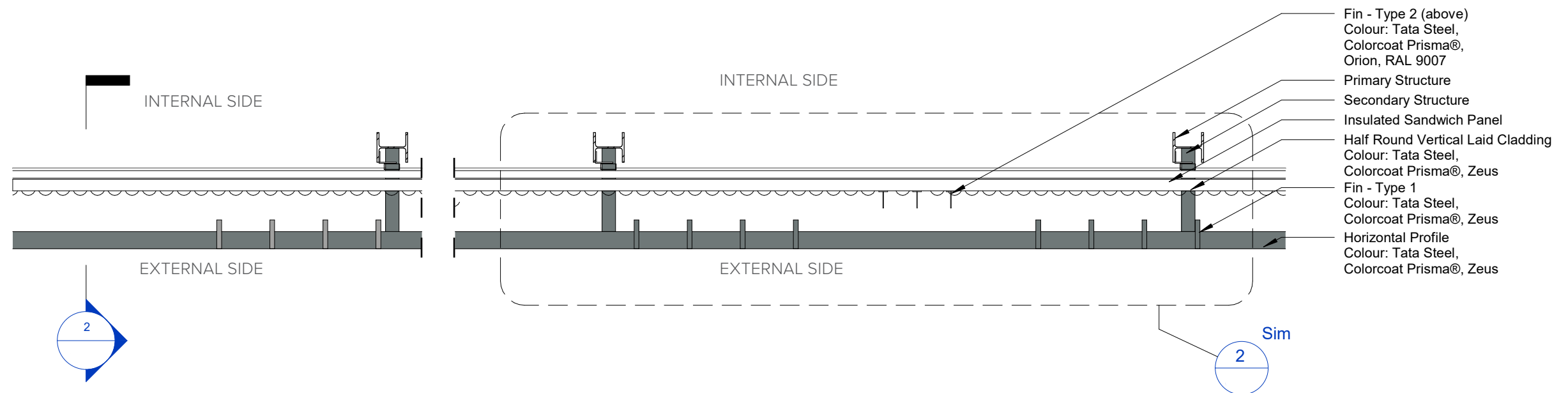
- 2 Colorcoat Prisma Orion (RAL 9007) Stair Cores (Full Height)
 - Cladding to match existing
 - Sinusoidal metal profiled sheet
 - Laid horizontally
- 4 Colorcoat Prisma Zeus Base Cladding
 - Cladding to match existing Prime SFX rainscreen
- 5 Colorcoat HPS200 Ultra Turquoise Green (RAL 6016) Horizontal Band (Top & Intermediate)
 - Colour to match existing
- 17 Colorcoat Prisma Orion (RAL 9007) Back Panelling (Top Tier)
 - Cladding to match existing
 - Sinusoidal metal profiled sheet
 - Laid vertically
- 18 Colorcoat Prisma Zeus Back Panelling (Intermediate Tier)
 - Cladding to match existing
 - Half-round metal profiled sheet
 - Laid vertically
- 20 Colorcoat Prisma Zeus Fins & Back Panel (Intermediate Tier)/ Bottom Horizontal Band
 - Colour to match existing
- 21 Colorcoat Prisma Orion (RAL 9007) Fins & Back Panel (Top Tier)
 - Colour to match existing

DC01 Gantry Appearance

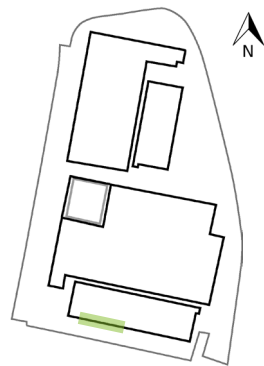
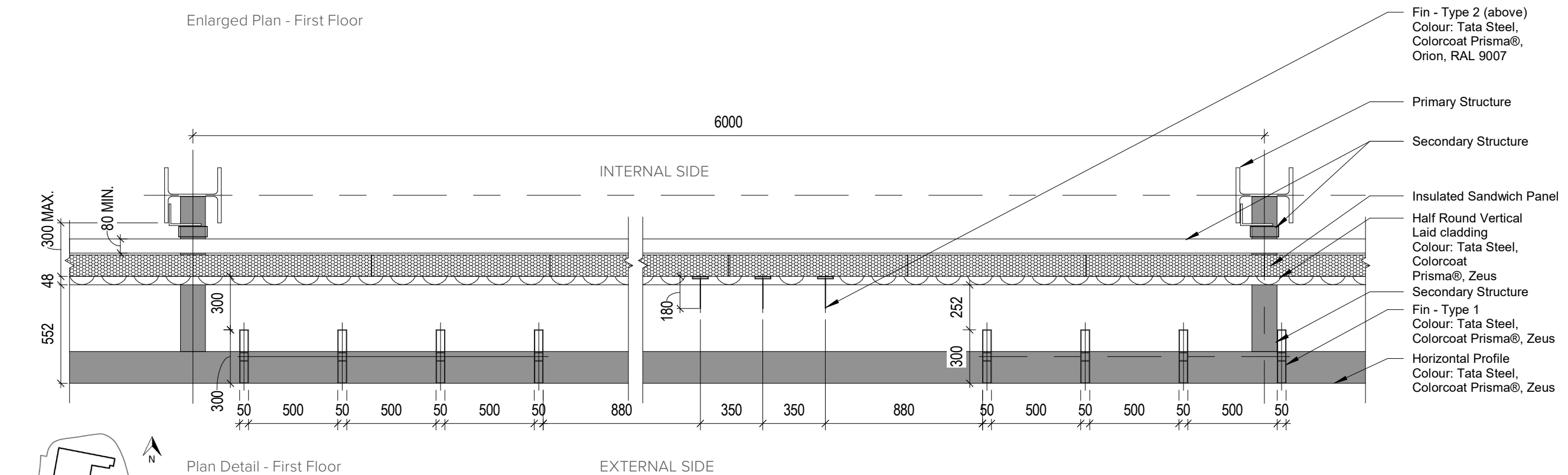
Bay Study - Section & Elevation Details 1:50



Bay Study - Plan Details 1:50



Enlarged Plan - First Floor



06 DC02 Gantry Appearance

Prologis Stockley Park West

Doc. Ref: PLON01-CWO-XX-XX-RP-Q-00090

Revision: P02

DC02 Gantry Appearance

Materials & Design

The DC02 gantry façade adopts a simpler design appropriate to its less sensitive context, being set further within the site and largely screened by existing trees and landscaping.

The design focuses on blending with the existing warehouse through the green roofline and grey corrugated cladding tones, strengthening consistency with the established façade treatment. This approach is particularly effective given that the façade will primarily be experienced from fast-moving viewpoints along Stockley Road.

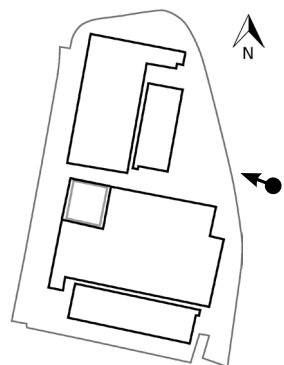
The London Borough of Hillingdon's request for a visual break has been met with recessed shadow gaps in a darker grey, providing a natural, coherent transition that aligns with the warehouse's material language.

The team explored several green roofline relationships. Extending the warehouse overhang created an undesirable "mushroom" effect, so the preferred solution is a subtler green band that aligns with the warehouse's fascia and allows the gantry to sit more naturally within the existing built environment.

Overall, the DC02 design demonstrates a coherent, restrained, and context-appropriate façade that maintains aesthetic continuity with DC01 while remaining deliberately understated.



DC02 Gantry Design - Photomontage View from Stockley Road.



- 2** Colorcoat Prisma Orion (RAL 9007) Gantry Panelling (First & Second Floor)/ Stair Cores
- Cladding to match existing
 - Sinusoidal metal profiled sheet
 - Laid horizontally

- 3** Colorcoat Prisma Sirius (RAL 9006) Gantry Panelling (First & Second Floor):
- Cladding to match existing
 - Half-round metal profiled sheet
 - Laid horizontally

- 4** Colorcoat Prisma Zeus Base Cladding
- Cladding to match existing Prime SFX rainscreen

- 5** Colorcoat HPS200 Ultra Turquoise Green (RAL 6016) Fascia
- Colour to match existing

- 22** Colorcoat Prisma Orion (RAL 9007) Aluminium Louvre System / Louvred Metal Doors
- Colour to match existing cladding colour "Prisma Orion"

- 25** Colorcoat Prisma Orion (RAL 9007) Gantry Panelling/ Bottom Horizontal Band / Vertical Trims
- Colour to match existing

DC02 Gantry Appearance

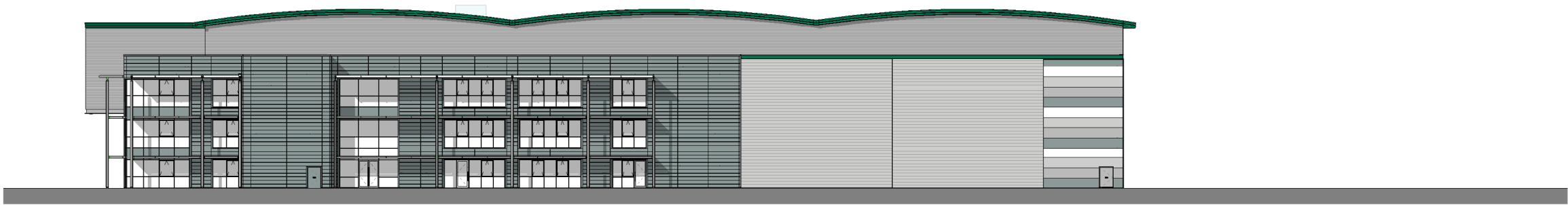
Proposed Elevations

Horizontal band matching
fascia of existing building

Colour and material matching



DC2 - East Elevation (F)



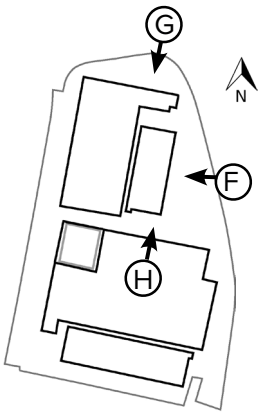
DC2 - North Elevation (G)

Horizontal band matching
fascia of existing building



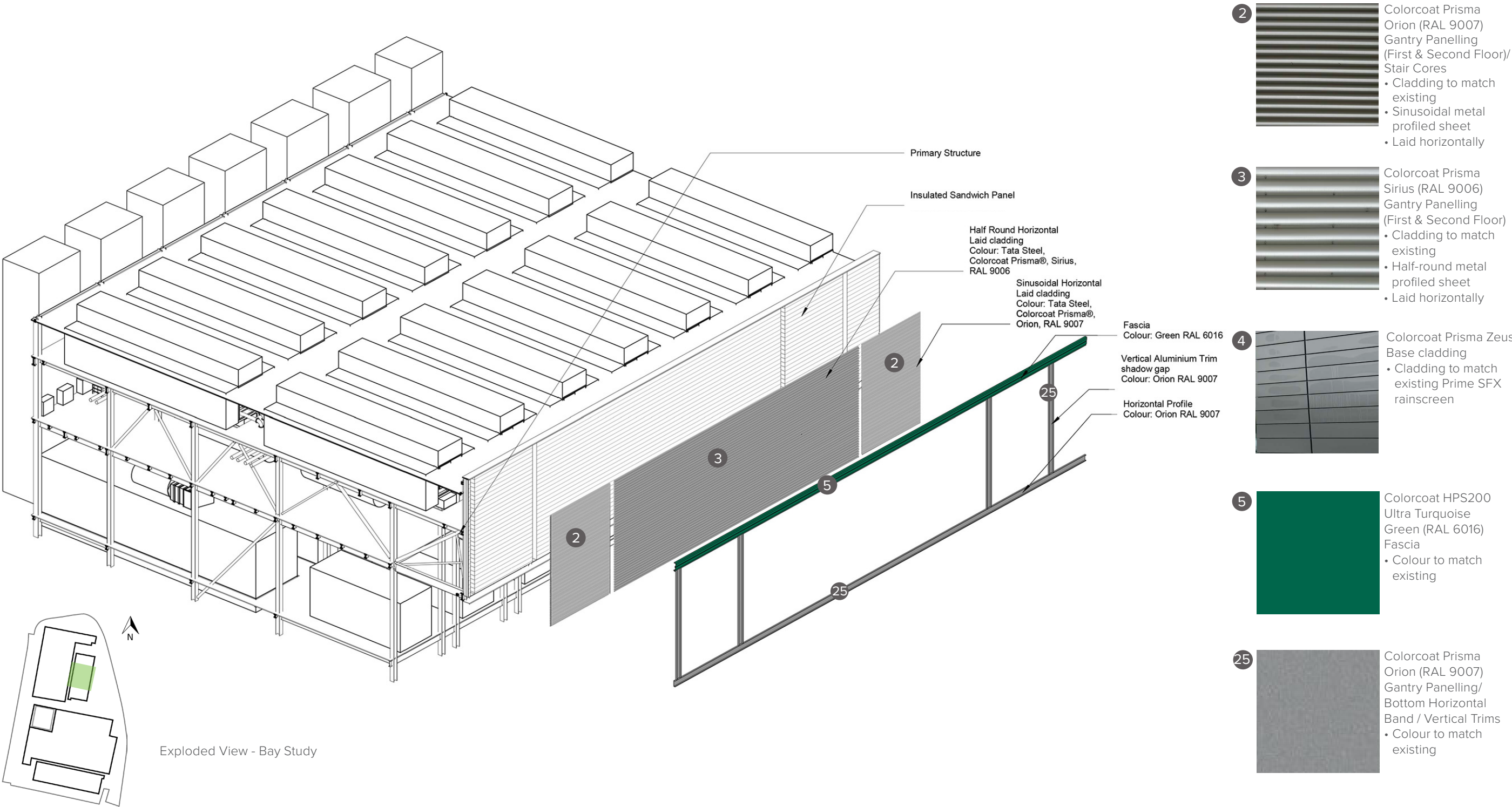
DC2 - South Elevation (H)

Colour and material matching



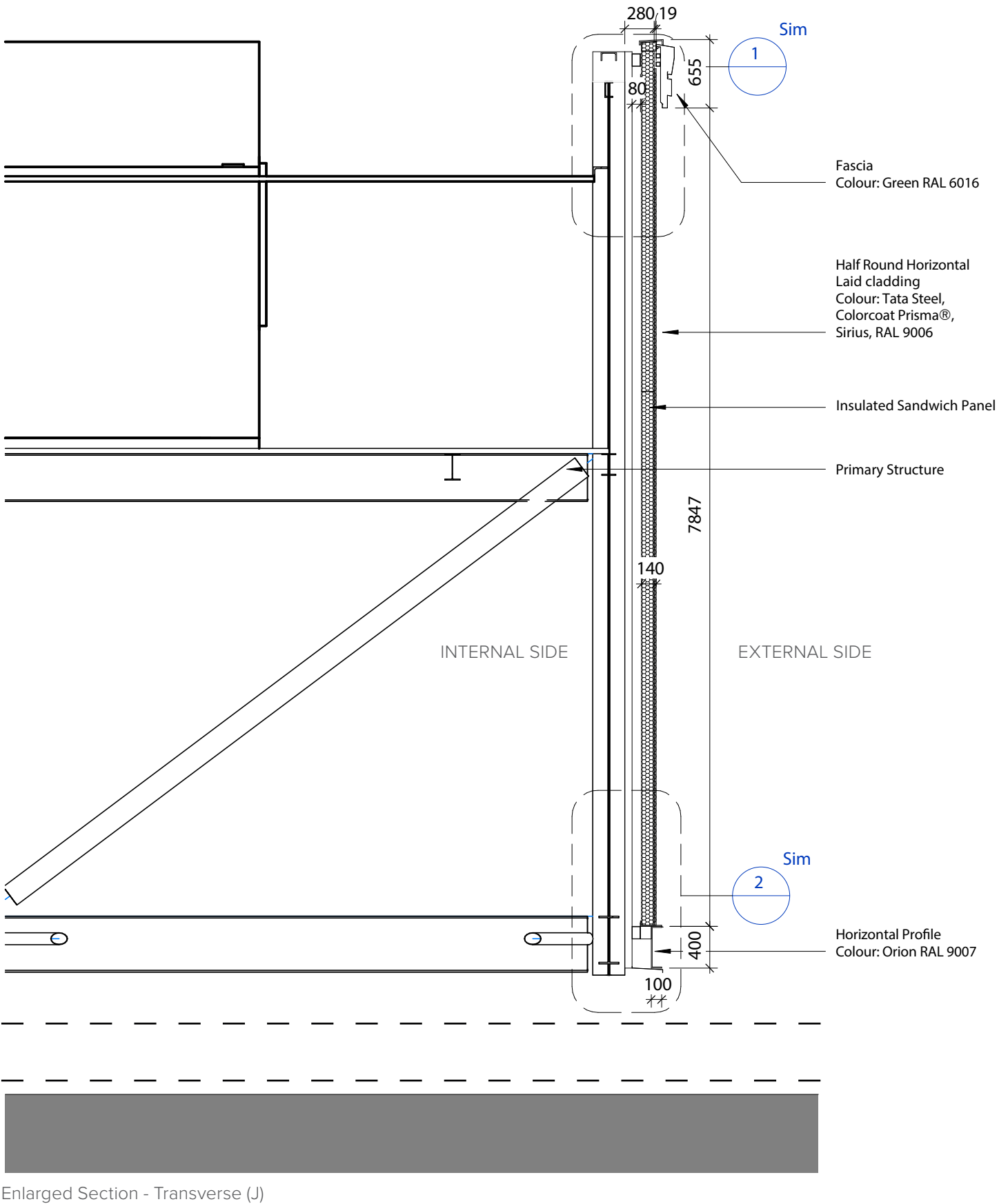
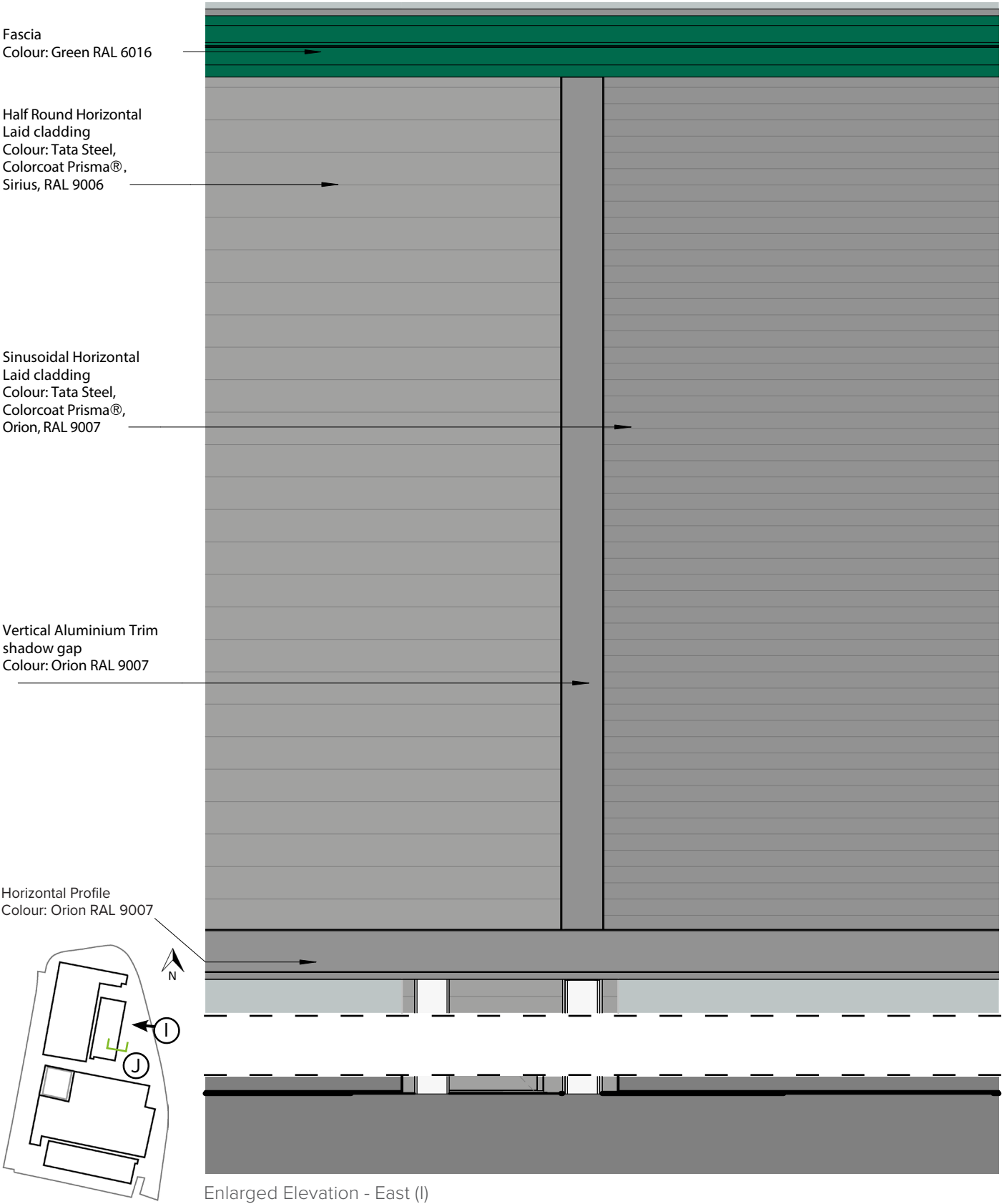
DC02 Gantry Appearance

Bay Study - Axonometry



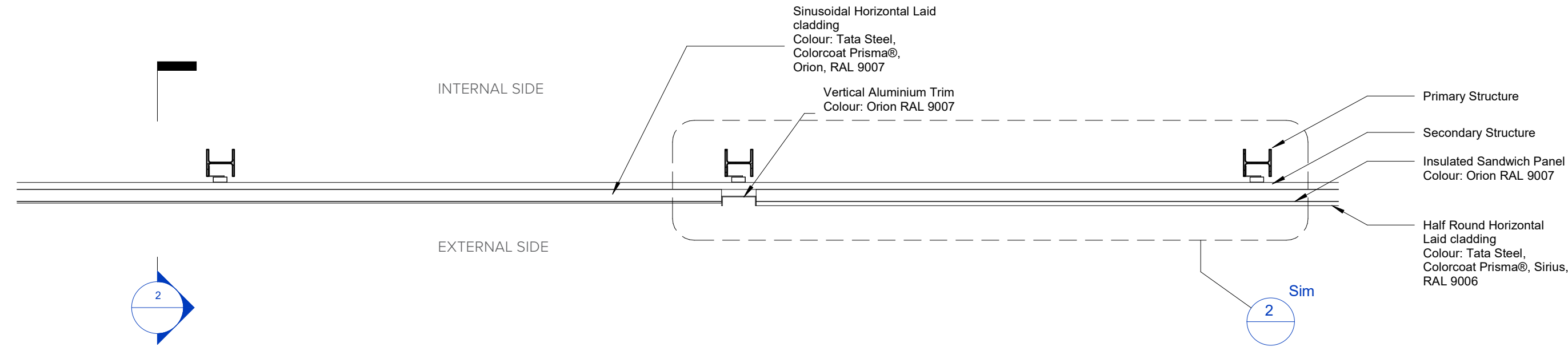
DC02 Gantry Appearance

Bay Study - Section & Elevation Details 1:50

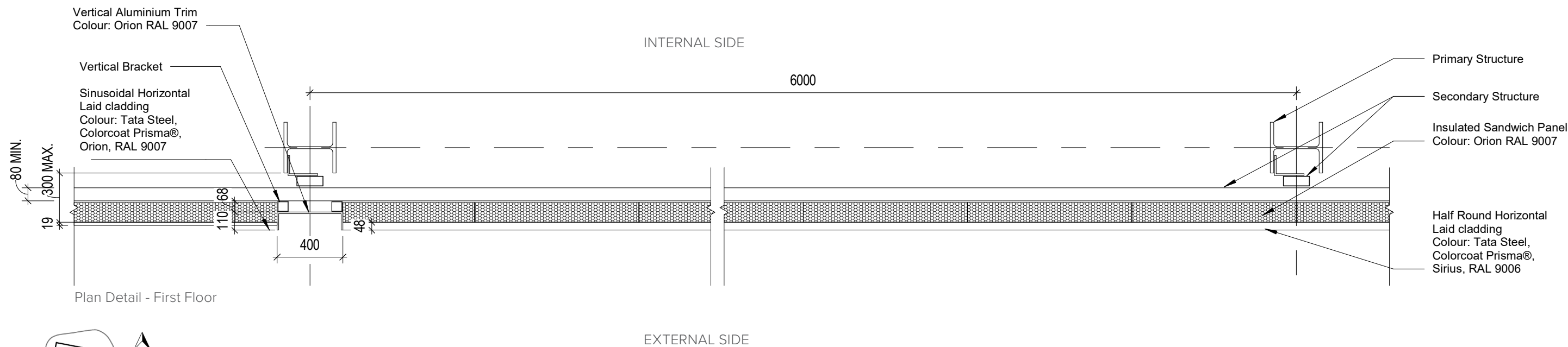


DC02 Gantry Appearance

Bay Study - Plan Details 1:50



Enlarged Plan - First Floor



Plan Detail - First Floor

