



Christopher Nolop

Selected Works in Architecture & Fabrication

2016 - 2026

Architects dream in geometry. Fabricators think in tolerances.

I speak both languages.

I've spent ten years in architecture studios, fabrication workshops, and factory floors, delivering 160+ projects from concept through installation across 25 countries. That experience doesn't make me a better technician.

It makes me a more dangerous designer. One who knows exactly where a subtle detail will transform a building, and where an abstract gesture will just burn budget.

Architecture that can't be fabricated is fiction.

I deal in built work.

Technical Design *Leadership*

2016 - 2026

- 2016-2018 • **MAD Architects**
Designer - Architectural Design & Technical Development
 Lucas Museum of Narrative Art. Design development across interior systems, gallery environments, library, lobbies, and rooftop PV arrays. \$1.5B, 750,000 sq ft.
- 2018-2019 • **NULL-LA**
Designer/Fabricator - Architectural Partitions & Furniture
 Co-founded a CNC fabrication workshop. Designed and built custom architectural components: partitions, room dividers, furniture.
- 2019-2024 • **Arktura LLC**
Senior Technical Designer → Project Manager
 Facade systems and suspended ceilings for commercial and institutional clients. Five design awards including the Brick & Machine. 100+ projects delivered.
- 2024-2026 • **NOWN**
Head of Design & Engineering
 Department Head across €10.8M+ in prefabricated architectural systems. Concept through installation, multi-country delivery across Europe and North America.

SELECTED IMPACT METRICS

€10.8^{M+} **Built Systems**
 Facade, ceiling, and interior assemblies. Concept through installation, 2024-2026.

€6.8^M **Flagship Commissions**
 Largest single-project scopes across institutional and corporate programmes.

160⁺ **Projects Delivered & Installed**
 As Head of Design & Engineering Department, technical delivery lead.

\$1.5^B **Largest Single Project Value**
 Lucas Museum of Narrative Art, Los Angeles.

CORE COMPETENCIES

FACADE SYSTEMS	PARAMETRIC MODELLING	TECHNICAL DIRECTION
SHOP DRAWING PRODUCTION	FABRICATION DOCUMENTATION	INSTALLATION SEQUENCING
GRASSHOPPER / RHINO	REVIT / BIM	VENDOR COORDINATION

Studio & Delivery Leadership

2024 - 2026

Project Clients

- Google
- Amazon
- Microsoft
- Bank of America
- JPMorgan Chase & Co.
- Deloitte
- Autodesk
- Dyson
- adidas
- University of California, San Francisco
- Moody's
- Snowflake
- Uber
- Hewlett Packard Enterprise (HPE)
- Peloton
- Delta Air Lines
- Cooley LLP
- Intellicentrics
- Neustar
- Hydro AS

Collaborators

- Foster + Partners - UK/US
- Gensler - US/France
- AECOM - US/UK
- Jacobs - US/UK
- Perkins + Will - US/UK
- Atkins - UK
- Snøhetta - Norway
- Aedas - Singapore
- WHY Architecture - US
- Pascall + Watson - UK
- Broadway Malyan - UK
- Norconsult - Norway
- TP Bennett LLP - UK
- Henry J Lyons - IE
- RKD - IE
- Buckley Gray Yeoman (BGY) - UK
- Peldon Rose - UK
- Kardham - FR
- Massive Design - PL
- Goldbeck - DE

**Clients & Architects listed represent specifiers & end-user stakeholders associated with projects delivered through architectural, fabrication, and installation partnerships.*

160+ projects as Head of Design & Engineering translating architectural intent into manufacturable assemblies across facades, ceilings, and interior systems. Parametric modelling, fabrication documentation, phased installation. Every project required holding the architect's vision while solving the engineer's constraints.



Coordinated fabrication partners, finish vendors, and installation teams across 25 countries, holding the line between design intent and site reality.

Technical *Delivery* Process

END-TO-END SYSTEMS LEADERSHIP
DESIGN INTENT → FABRICATED ASSEMBLY

RIBA STAGES 1 - 6



The Brick & The Machine

Los Angeles, CA, USA



Employer: Arktura LLC
Architect: Abramson Architects
Installer: CG Chaney Company
Type: Exterior Facade

Size: 85,000 sq ft
Location: Culver City, CA
Status: Completed 2022

Awards: 2021 Westside Urban Forum Design Award // 2022 SCDF Design Award // 2023 LABC Best Commercial Office // 2023 American Architecture Award - Commercial

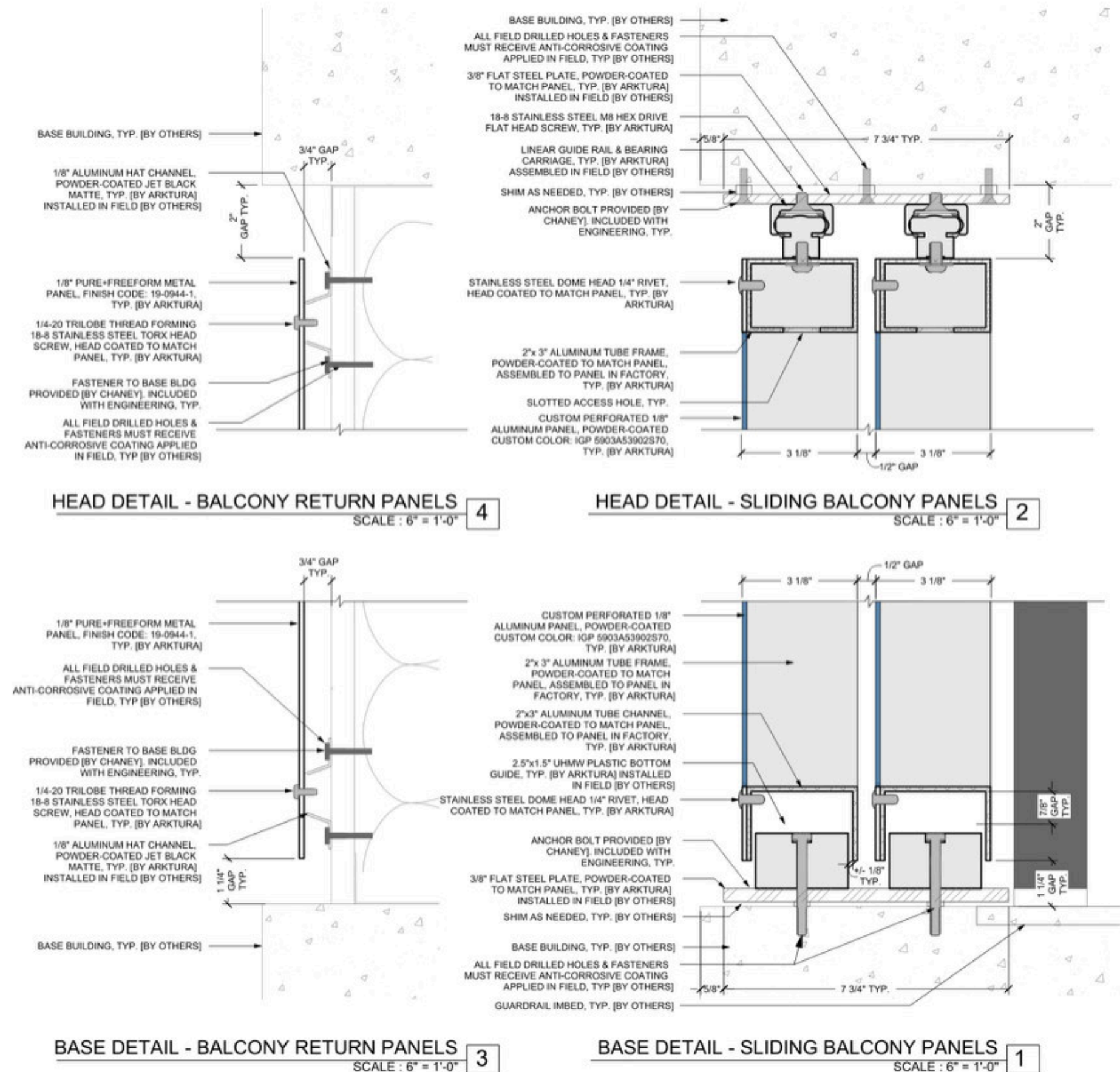


Role: Senior Technical Designer - Facade Systems - Arktura LLC

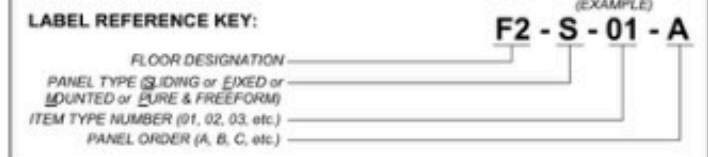
A perforated aluminium rainscreen system: 50 sliding panel assemblies, 28 fixed panels, 55 wall-mounted freeform panels, and 27 custom track assemblies with steel mounting plates, spread across dozens of uniquely sized balconies. Panels slide, patterns vary, and every balcony carries a different mounting condition. Every tolerance compounds.

I developed the complete manufacturing and installation package: panel sizing and patterning variations, sliding track assemblies, custom steel mounting plates, and a sequenced installation logic that let production and site teams execute without ambiguity. When field conditions diverged from drawings, I revised details in real time against site feedback."

The result is the defining feature of an award-winning building in Culver City: a facade that moves, catches light, and changes character through the day. It went smoothly from shop floor to installation, and it stops people on the street.



SHEET NOTES:
 1. INSTALLER SHOULD CONFIRM FLOOR OPENING HEIGHT BEFORE BEGINNING INSTALLATION, TYP.



EXAMPLE BALCONY 214 TRACK ASSEMBLY COMPONENTS:

TOP PLATES:

1. **PLATE 1-A** - Generic TOP plate used as typical condition for all balconies: W 7 3/4" x L 7'-11 7/16" (align left when facing balcony from exterior)
2. **PLATE 1-A214** - Unique TOP plate used as to cover balance of track length for Balcony 214: W 7 3/4" x L 7'-6 3/16"

BOTTOM PLATES:

1. **PLATE 2-A** - Generic BOTTOM plate used as typical condition for all balconies: W 7 3/4" x L 7'-11 7/16" (align left when facing balcony from exterior)
2. **PLATE 2-B214** - Unique BOTTOM plate used to cover balance of track length for Balcony 214: W 7 3/4" x L 7'-6 3/16"

ROLLON TRACKS:

1. **HW-MS1069 (LINE 3) PART 1** (x2) - First portion of Rollon Track for Balcony 214: L 8'-7 15/16" (left side when facing balcony from exterior)
2. **HW-MS1069 (LINE 3) PART 2** (x2) - Second portion of Rollon Track for Balcony 214: L 6'-9 13/16"

UHMW BOTTOM GUIDES:

1. **GUIDE A** (x2) - Generic UHMW Bottom Track Guide used as typical condition for all balconies: L 7'-11 7/16" (left side when facing balcony from exterior)
2. **GUIDE B214** (x2) - Unique UHMW Bottom Track Guide used as to cover balance of track length for Balcony 214: L 7'-6 3/16"

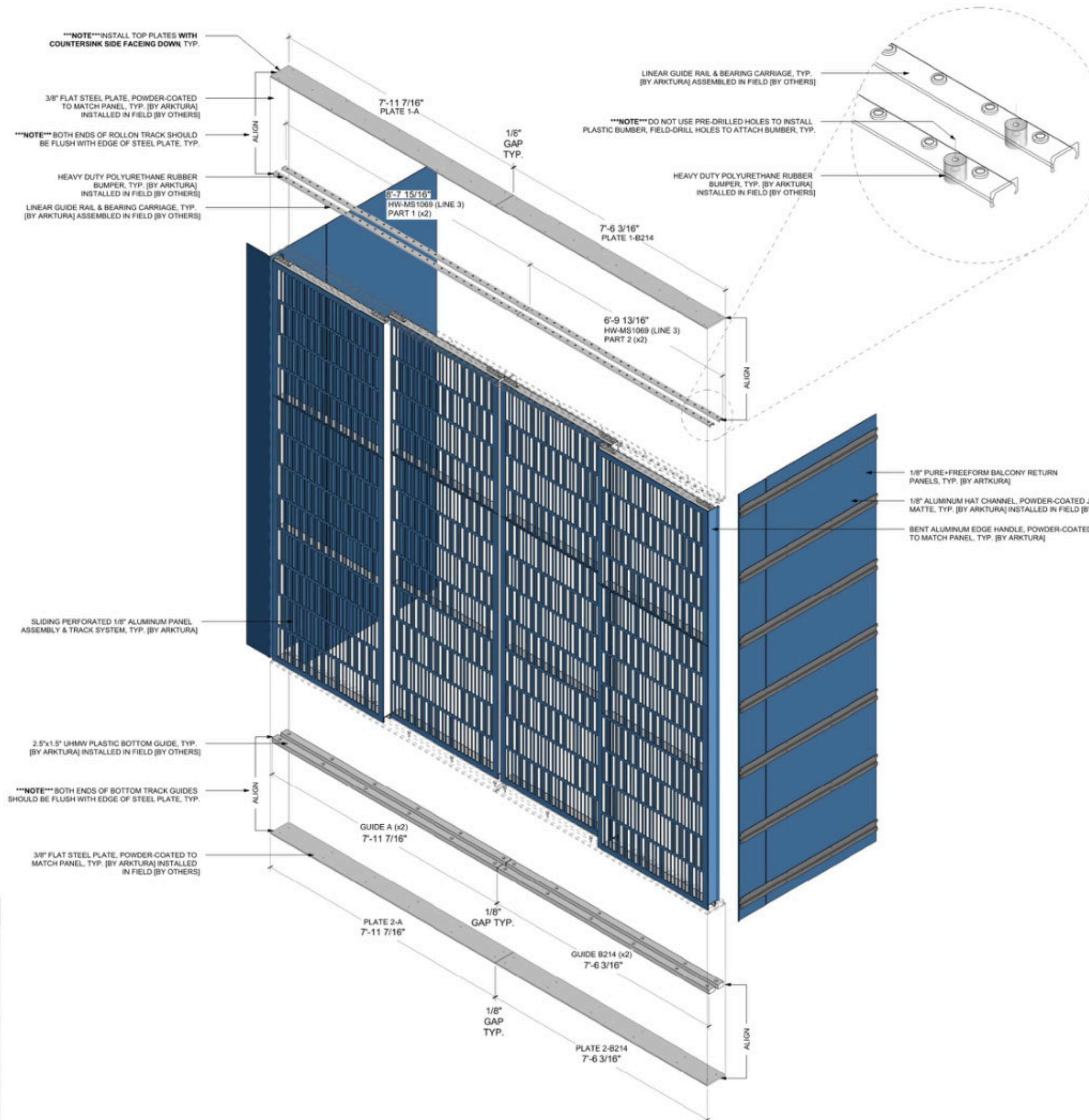
BALCONY STEEL PLATE BREAKDOWN:

Balcony	Plate Types								OVERALL LENGTH	
	A	A215	B214	B211*	B316	B315	B314	B313		
	95.4375	102.125	90.1875	96.6875	90.5625	97.4375	111.1875	95.5625	70.5625	
216	2									191
215		3								306.625
214	1		1							185.75
213	2									191
212	2									191
211	1			1						192.25
316	1				1					186.125
315	1					1				193
314	1						1			206.75
313	1							1		191.125
312	1								1	166.125
311	2									191
310	2									191
TOTAL	17	3	1	1	1	1	1	1	1	

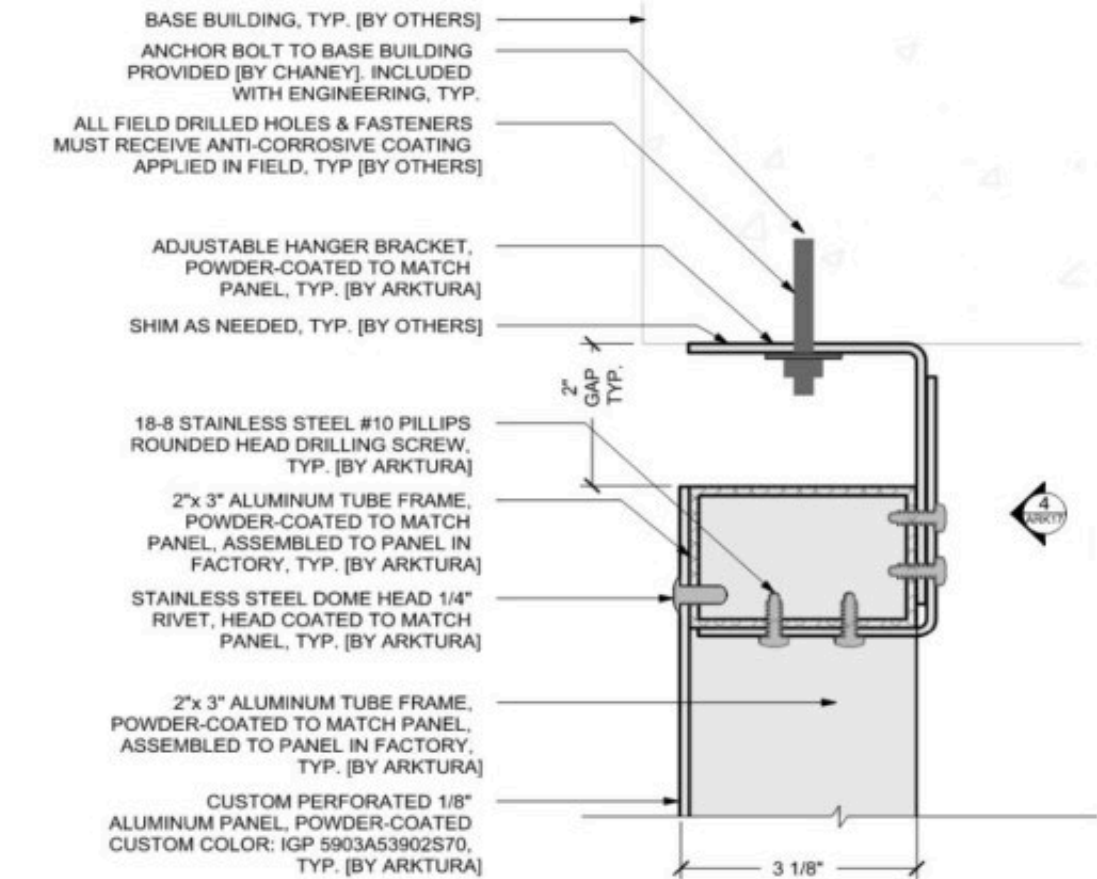
* custom shape

BALCONY ROLLON TRACK BREAKDOWN:

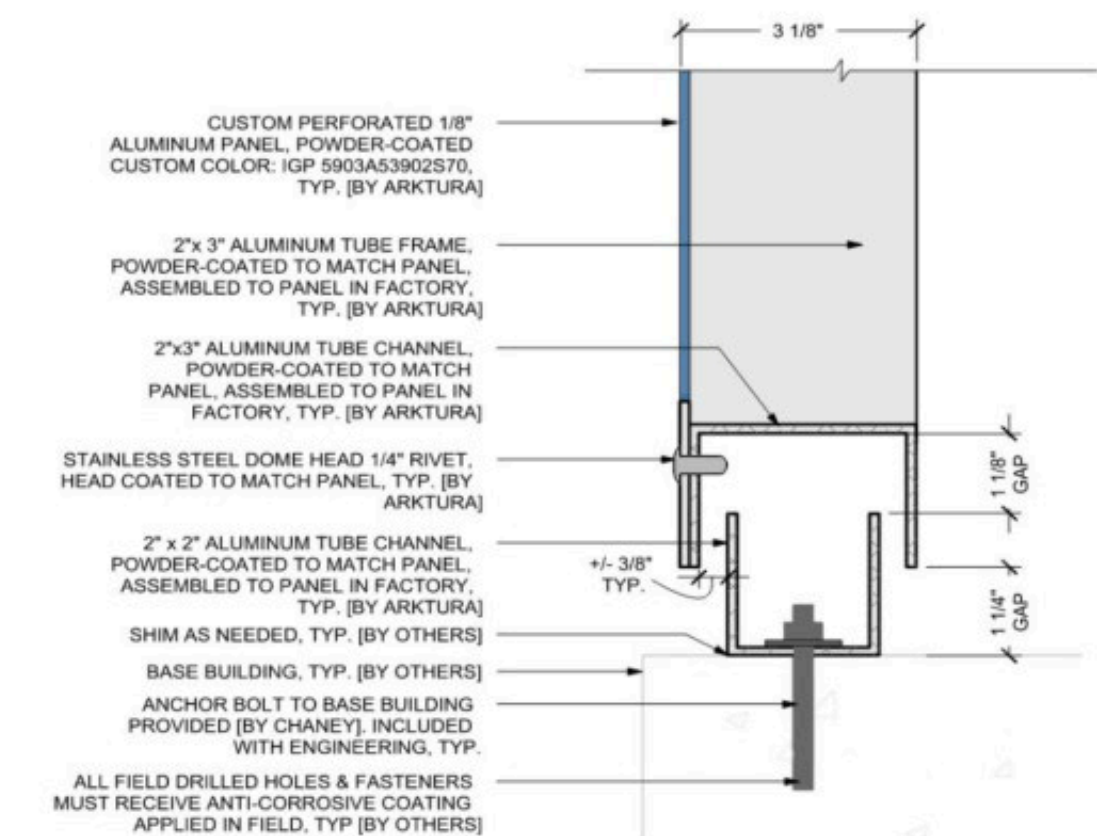
Balcony	TRACK LENGTHS										OVERALL LENGTH
	LINE 1	LINE 2	LINE 3	LINE 4	LINE 5	LINE 6	LINE 7	LINE 8	LINE 9	LINE 10	
	MS1067	MS-1068	MS-1069	MS-1070	MS-1071	MS-1072	MS-1073	MS-1074	MS-1075	MS-1076	
	191	306.625	185.75	192.25	173.875	186.125	193	206.75	191.125	166.125	
216	2										191
215		3									306.625
214			2								185.75
213	2										191
212	2										191
211				1							192.25
316					1						173.875
315						2					186.125
314							2				193
313								2			206.75
312									2		191.125
311	2										166.125
310	2										191
TOTAL	10	3	2	1	1	2	2	2	2	2	



EXAMPLE BALCONY 214 TRACK & PLATE ASSEMBLY - ISOMETRIC
 SCALE: NTS **1**



HEAD DETAIL - FIXED BALCONY PANELS
 SCALE: 6" = 1'-0" **2**



BASE DETAIL - FIXED BALCONY PANELS
 SCALE: 6" = 1'-0" **1**



Fixed aluminium balcony panels.

Sliding pre-fabricated aluminium panel assemblies.

Fixed Pure+FreeForm aluminium panel assemblies.

Lucas Museum of Narrative Art

Los Angeles, CA, USA

Employer: MAD Architects
Executive Architect: Stantec
Landscape: Studio-MLA
GC: Hathaway Dinwiddie
Size: ~750,000 sq ft

Construction Cost: Est. \$1.5 billion
Status: Scheduled to Open Sep. 2026
Facade Engineer: Walter P Moore
Type: Art Museum/Cultural Institution
Location: Exposition Park, Los Angeles, CA

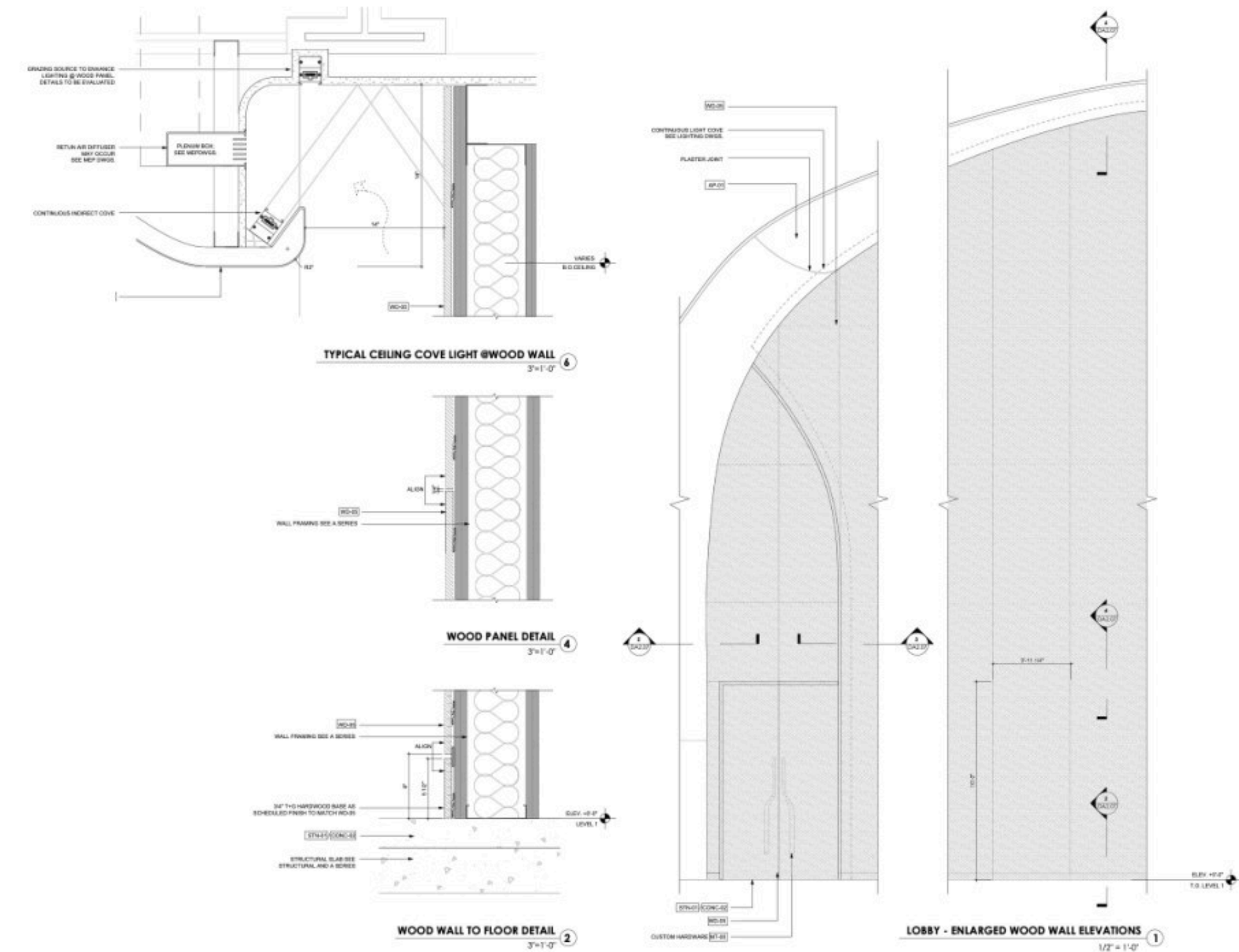


Role: Designer - Architectural Design & Technical Development - MAD Architects

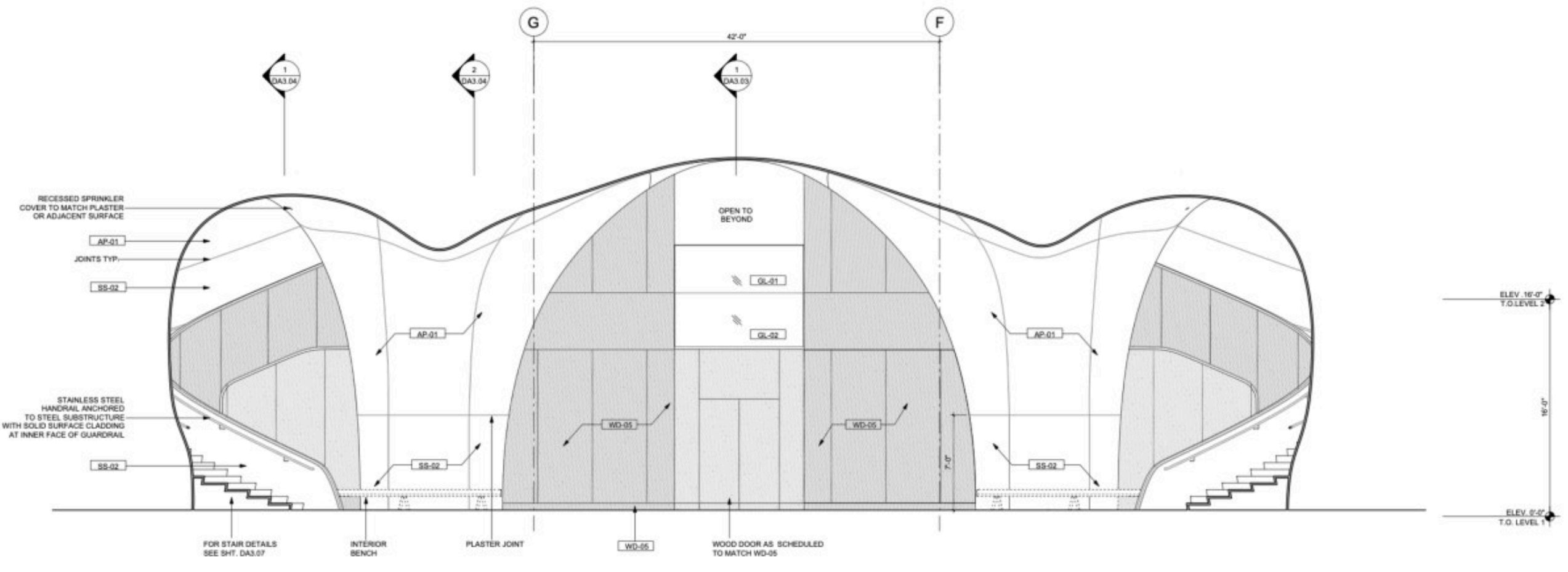
MAD Architects designed a building that defied conventional documentation; 750,000 square feet of continuously curving surfaces, compounding angles, and overlapping programmatic zones, all wrapped in an organic shell with no repetitive geometry.

I translated that ambition into buildable reality. Working from rough conceptual models, I rationalised double-curved surfaces into drawable details and layered material assemblies, developing the design across galleries, theatres, education spaces, and public circulation. The challenge wasn't any single detail - it was holding the entire spatial logic together while pushing each zone from concept toward construction-ready resolution.

My team & I produced a design development drawing set that moved a \$1.5 billion cultural institution from sculptural vision to built form. The museum opens in 2026 as a new Los Angeles landmark.

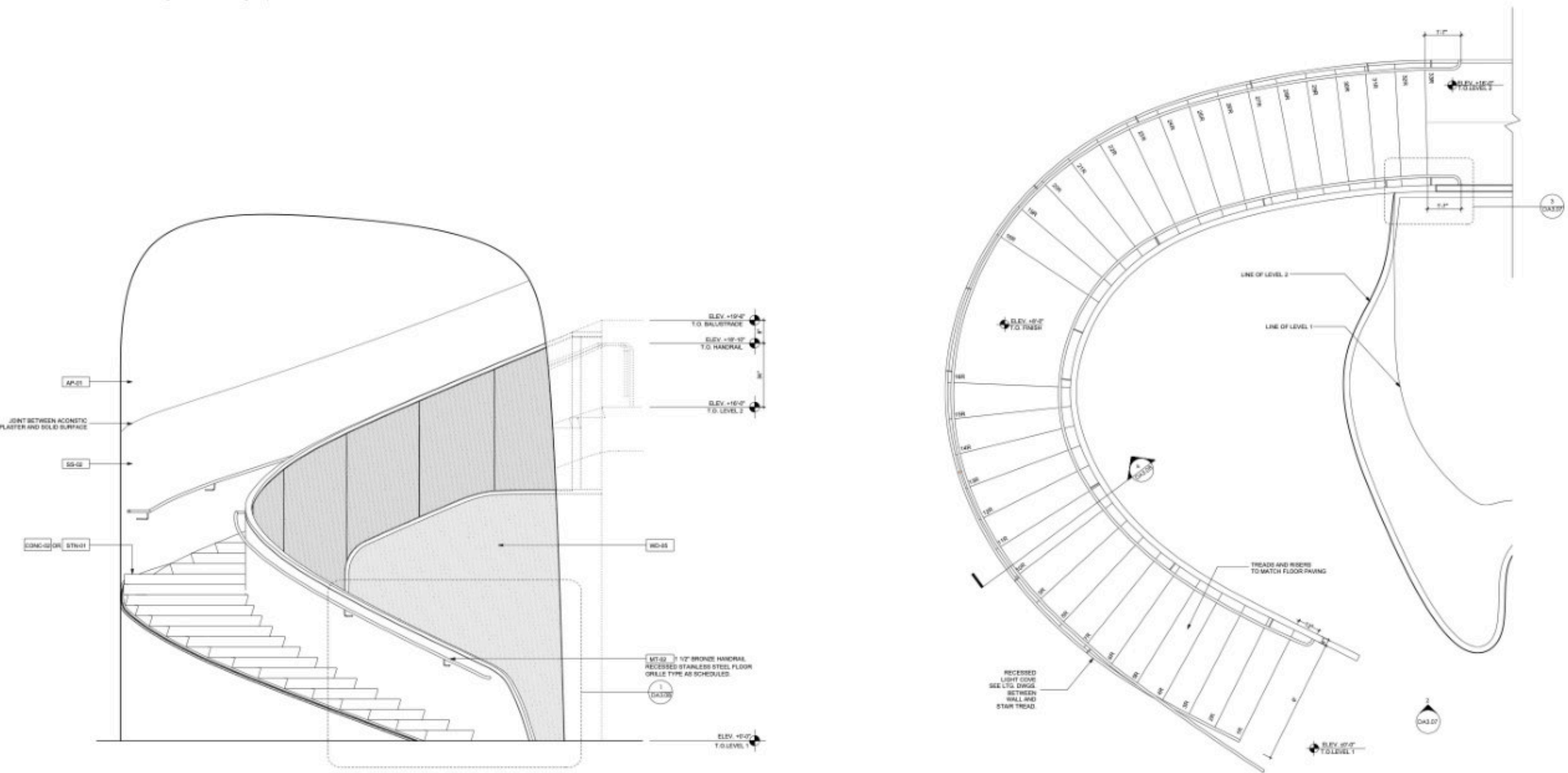


*drawings by the author

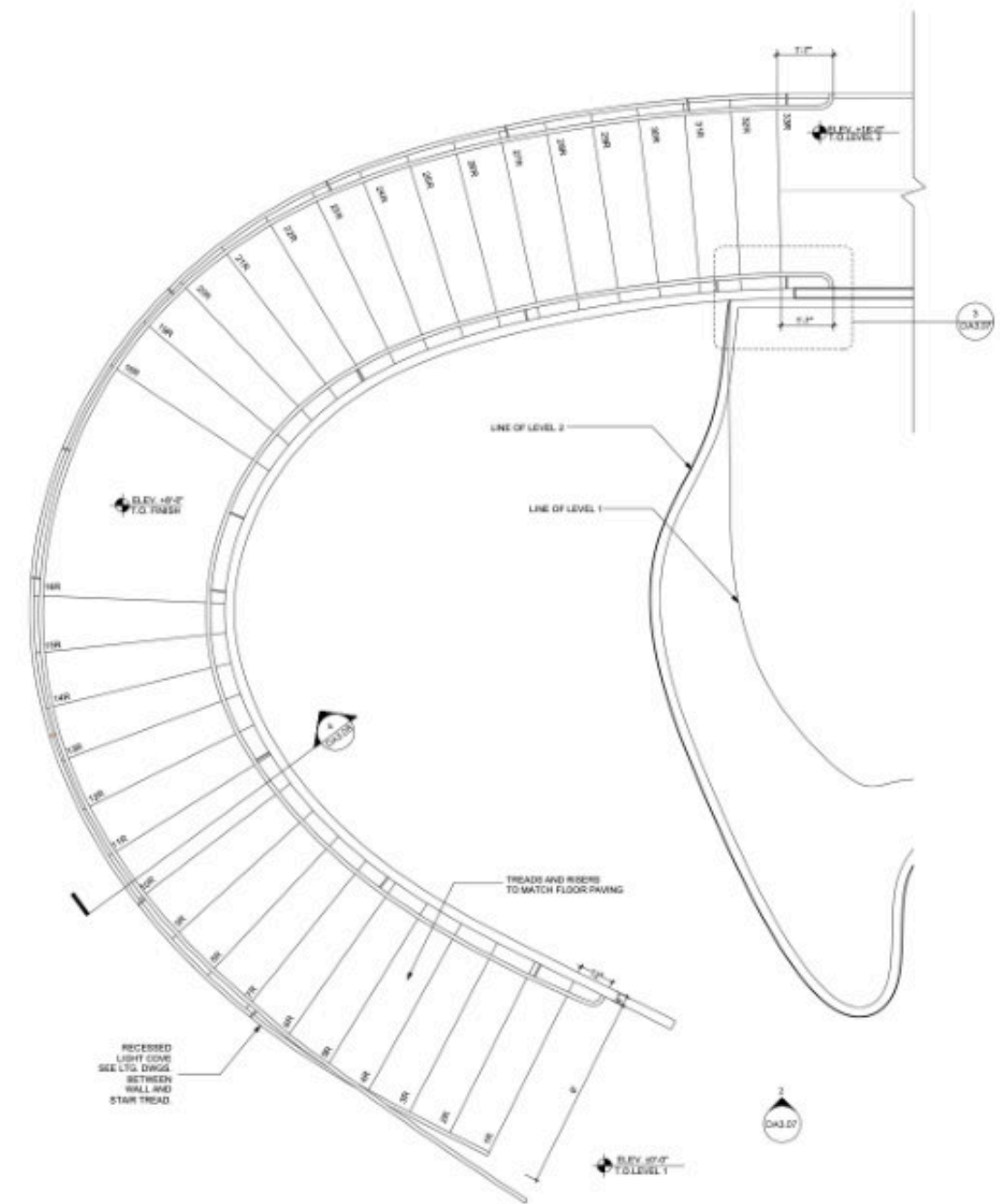


EDUCATION LOBBY SOUTH INTERIOR ELEVATION 2
1/4" = 1'-0"

*drawings & renderings by the author




STAIR ELEVATION LOOKING SOUTH 2
1/2" = 1'-0"



STAIR PLAN 1
1/2" = 1'-0"





Designed, 3D modelled, detailed, & rendered rooftop exhibition space.

Designed, 3D modelled, detailed, & rendered top gallery spaces.

Designed, 3D modelled, detailed, & rendered Education Wing lobby. Detailed glazing to exterior facade connections, handrails, stairs, lights, interior wall assemblies, corridors, elevator lobbies.

Produced parametric models for rooftop photovoltaic array distribution and maintenance access pathways.

Sculpted exterior landscape awnings, curbs, & seating elements.

Confidential Client - Corporate HQ

Oslo, NORWAY

Employer: NOWN
Architect: Snøhetta Architects
Type: Interior Feature Ceiling/Wall Partitions
Size: 1,405 sq m
Location: Oslo, Norway
Status: In Construction





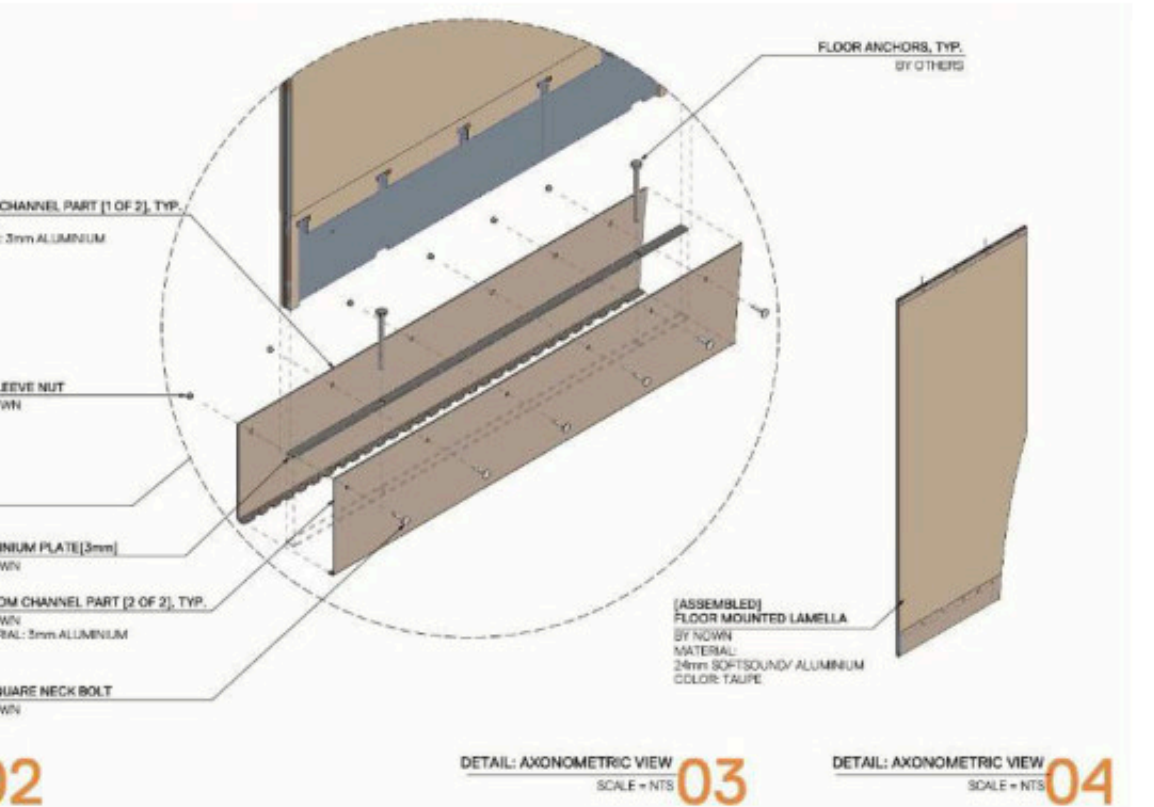
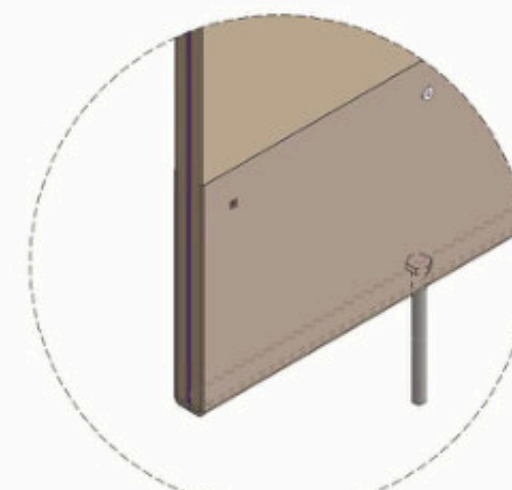
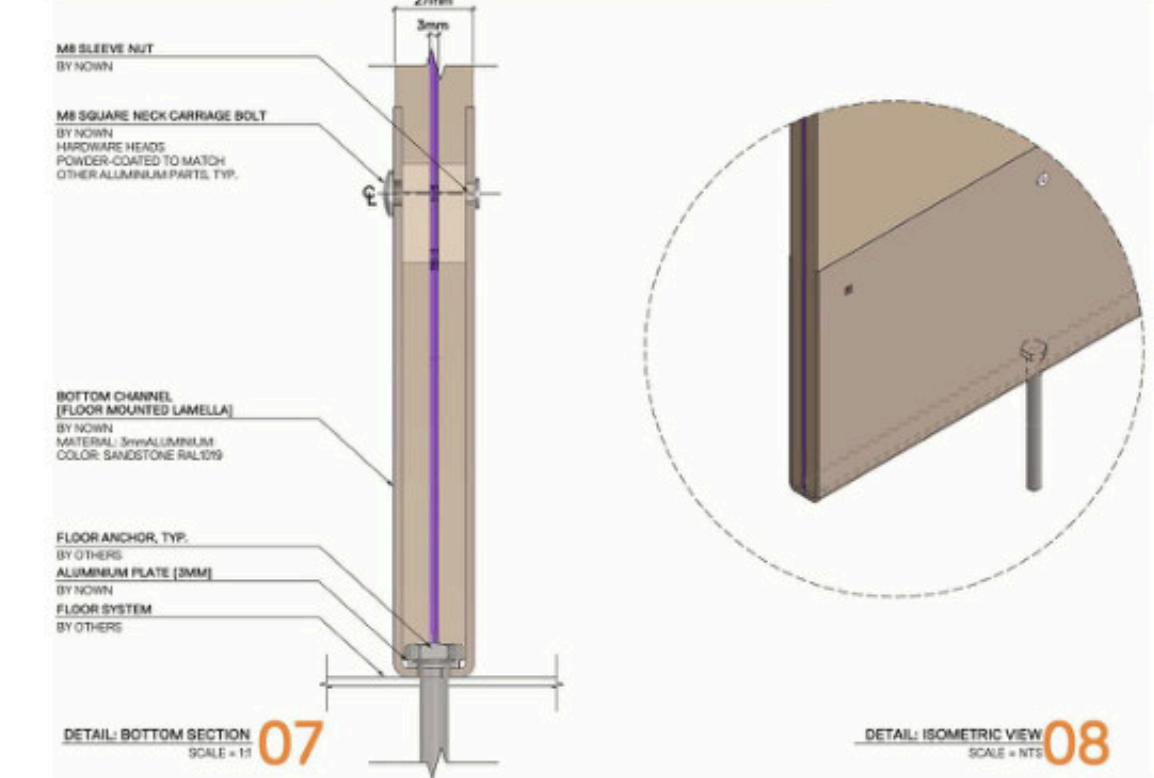
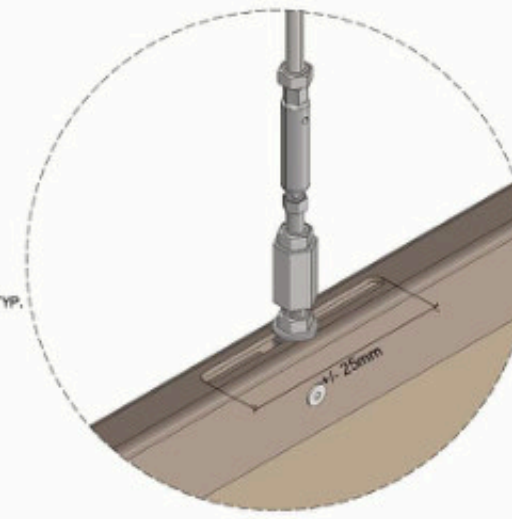
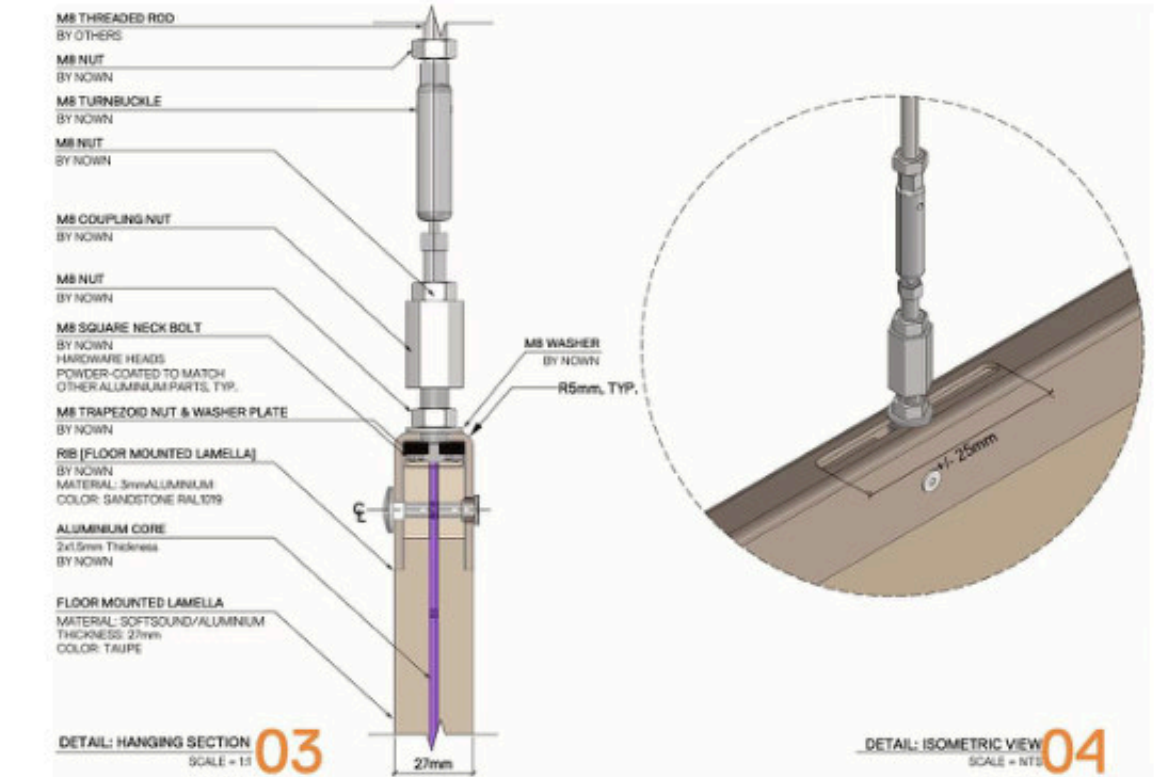
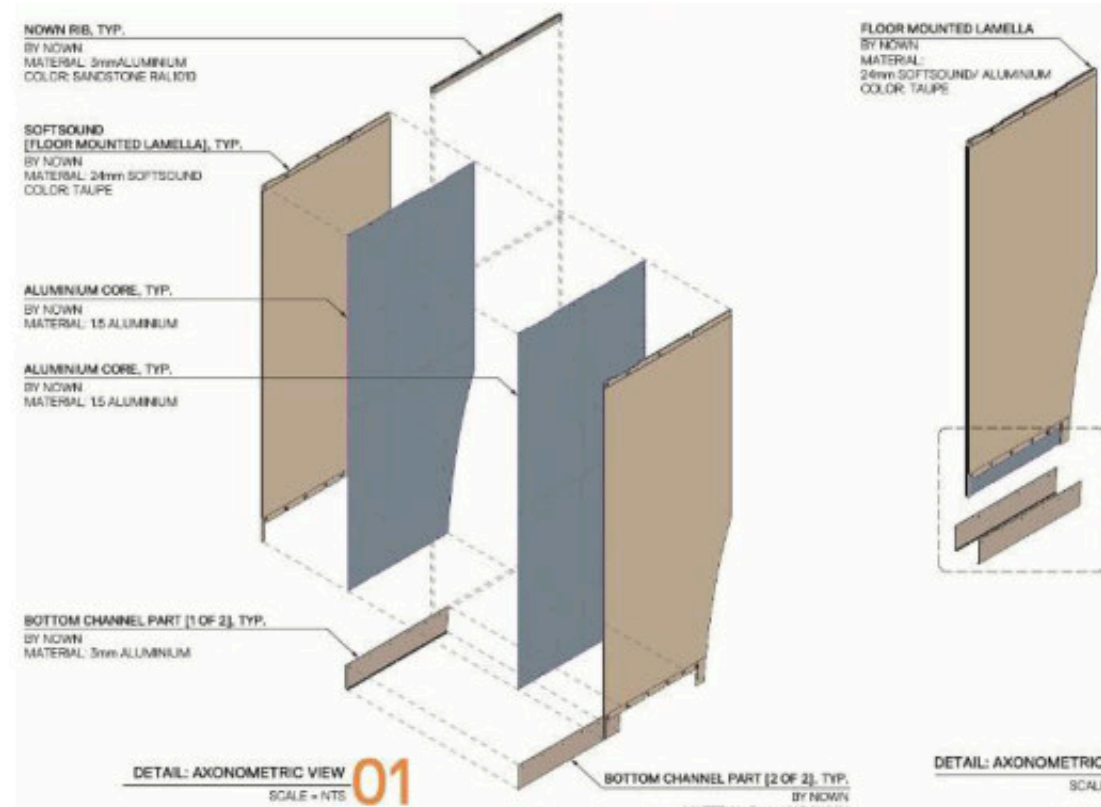
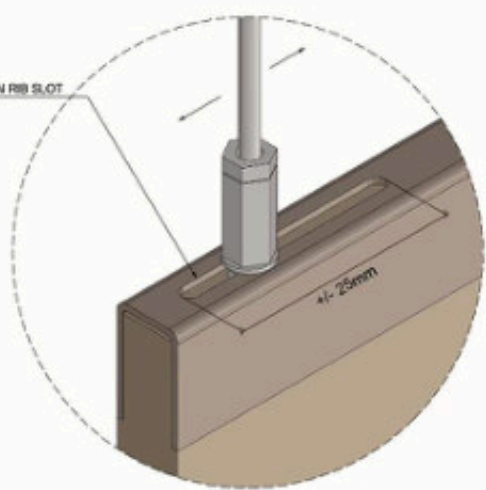
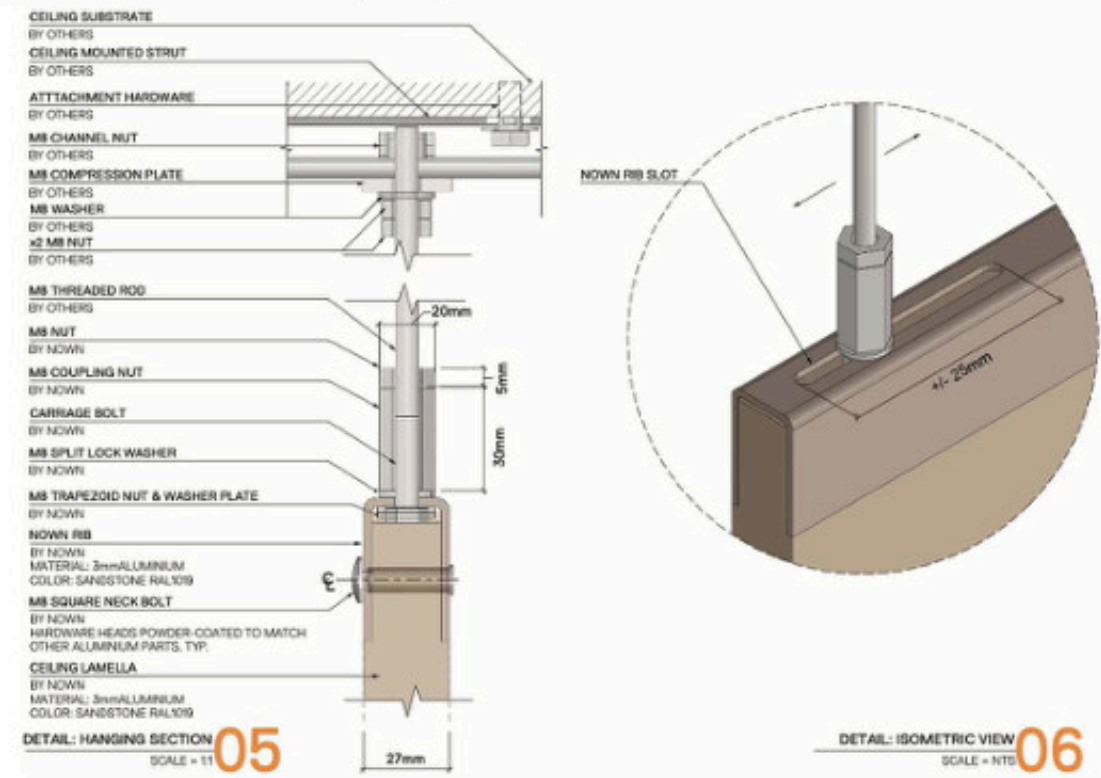
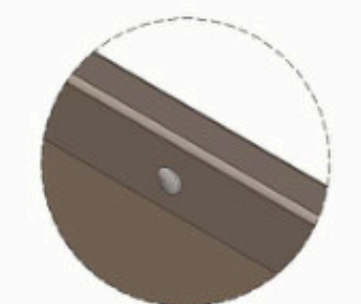
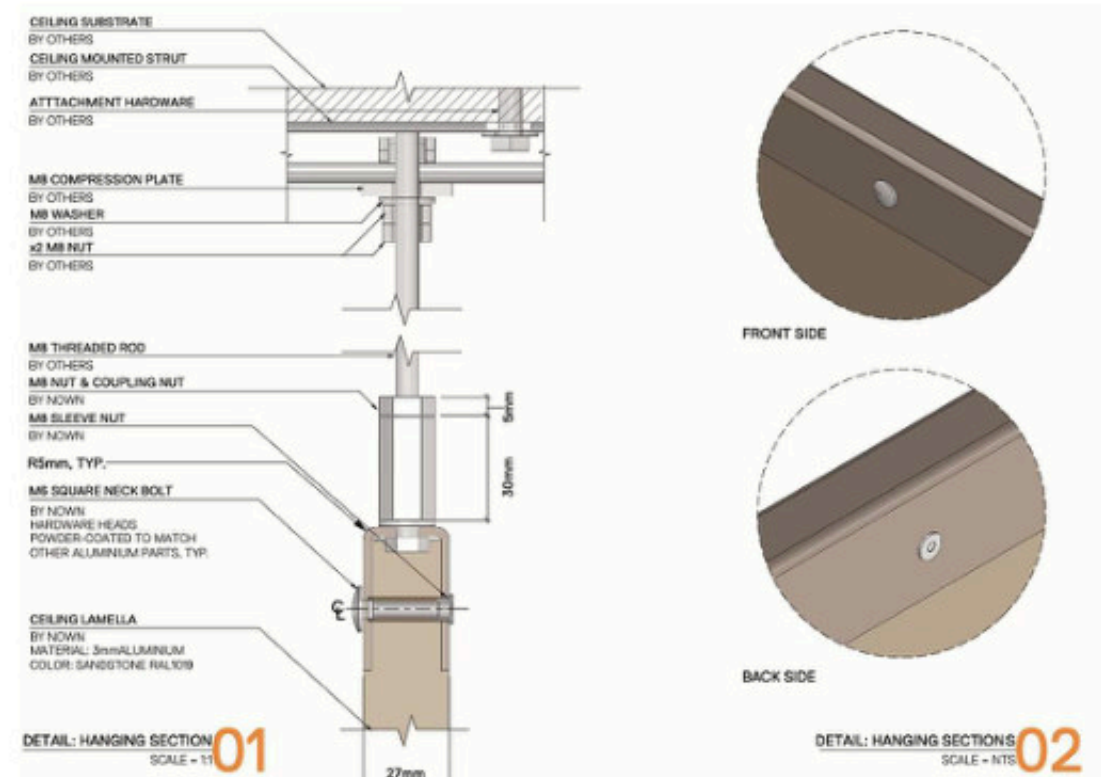
Role: Head of Design & Engineering - NOWN

A full office renovation for a major European metals and extrusion company: custom interior partitions and ceiling systems spanning multiple floors, built from PET felt on aluminium core panels, steel suspension grids, and floor-mounted aluminium plates. Four phases over 1.5 years. Every surface had to integrate with existing HVAC, lighting, and office layouts while delivering the sculptural, undulating aesthetic Snøhetta envisioned.

The complexity ran deeper than geometry. PET felt on aluminium is fragile; any scratch or dent during production, crating, or transport is visible in the finished surface. That meant bespoke crating solutions, obsessive handling protocols, and engineering details tight enough to survive a factory-to-site journey across borders. I led NOWN's design and engineering department through the full scope: parametric scripting for the undulating forms, custom hardware sourcing, risk assessment, phased material procurement, and close coordination with Snøhetta on design intent. Our team handled the majority of design execution from concept through installation.

Four phases delivered without rework. A satisfied client commissioning further scope. A factory mock-up that became NOWN's reference project for visiting architects.







1900 Gallows Road
Vienna, VA, USA

1900

Employer: Arktura LLC
Architect: WDG Architects
Client: Foulger-Pratt
Type: Exterior Facade, Interior Ceiling
Location: Vienna, VA
Status: Completed 2022



Role: Senior Technical Designer - Panel Systems - Arktura

An 8-storey office building from 1989, repositioned as Class A through its skin. I designed the parametrically patterned aluminium rain-screen panels which wrap both entrance facades, then continue through the lobby ceiling as a single unbroken language. By day, the perforations read as texture and shadow. At night, backlighting transforms the facade into a screen, pulling the building's identity outward to the street.

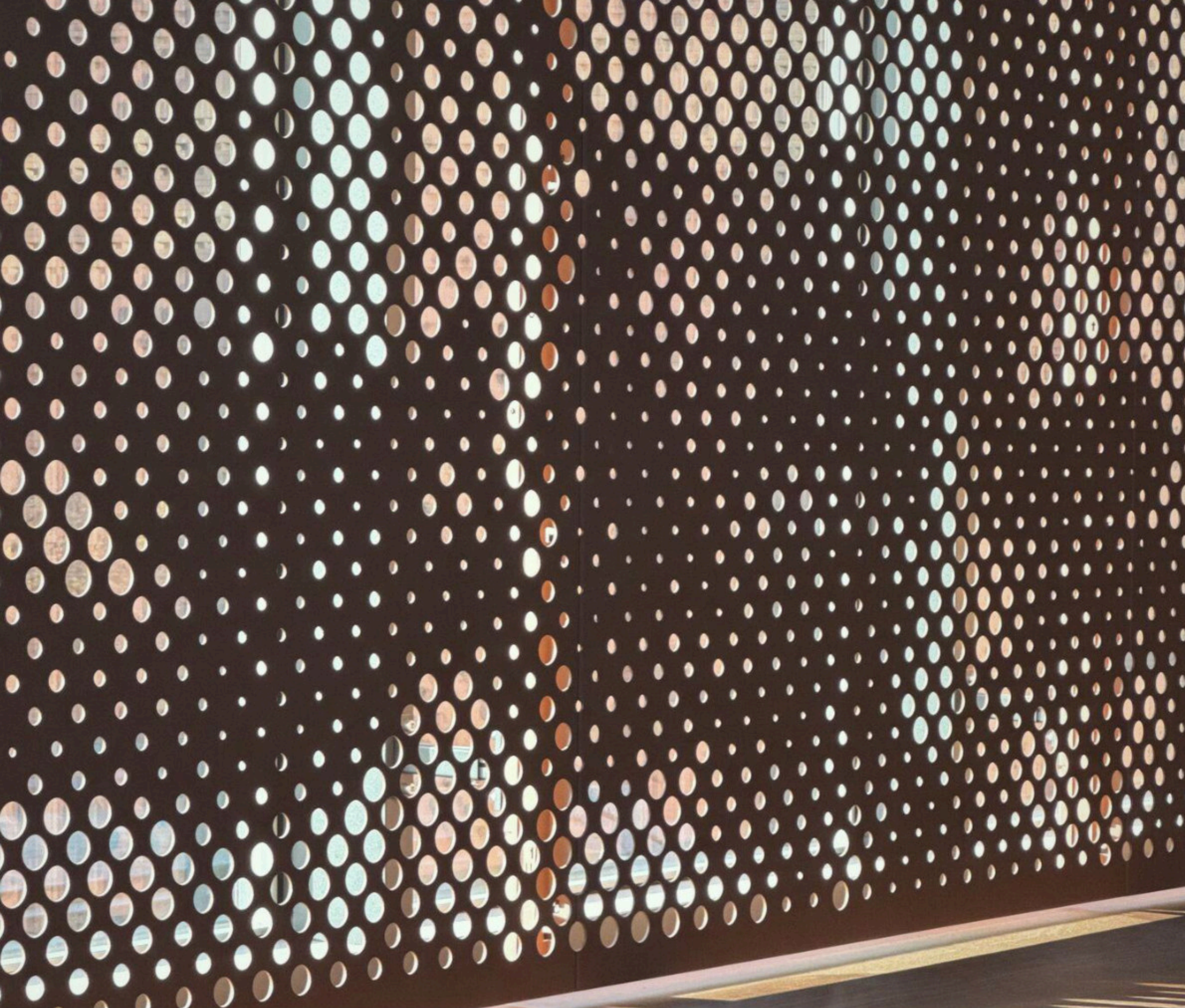
The system spans 2,860 square feet of lobby and two full entrance elevations. I developed the panel geometry, perforation mapping, and fabrication documentation, then coordinated production and installation sequencing across exterior and interior trades.



Hôtel de Ville d'Évry - Courcouronnes Council Chamber & Wedding Hall

Évry, FRANCE

Employer: NOWN
Architect: SAFA Architectes
Type: Interior Feature Wall
Material: 3mm Powder-coated Aluminium
Location: Évry, France
Status: Completed 2025



Role: Head of Design & Engineering - NOWN

A photo-realistic graphic abstraction of Delacroix's Liberty Leading the People, resolved into a perforated aluminium wall system for the council chamber and wedding hall of a French civic building. Large-format panels at 2 x 2.5 metres, 3mm thick, generated through parametric scripting tools I helped develop in-house. Custom powder-coat finish and specialty mounting system engineered for the panel weight and scale.

Designed, fabricated, and delivered under my leadership at NOWN, from design development through installation in Évry-Courcouronnes.



UCSF, Pritzker Psychiatry Building

San Francisco, CA, USA

Employer: Arktura LLC
Architect: ZGF, Perkins & Will
GC/Installer: Hathaway Dinwiddie

Type: Interior Atrium Feature Wall
Location: San Francisco, CA
Status: Completed 2022

Awards: Interior Design Magazine Best of Year (BOY) Award (2023) // LEED Gold
Certification: Recognised for sustainable design.

Moody's, 10 Gresham Street

London, UK

Employer: NOWN
Interior Architect: Perkins & Will
Installer: Preferred Contracts Ltd.
Type: Interior Feature Walls

Size: ~800 sq m System
System: Knitted Fabric / Steel Frames
Location: London, UK
Status: In Construction



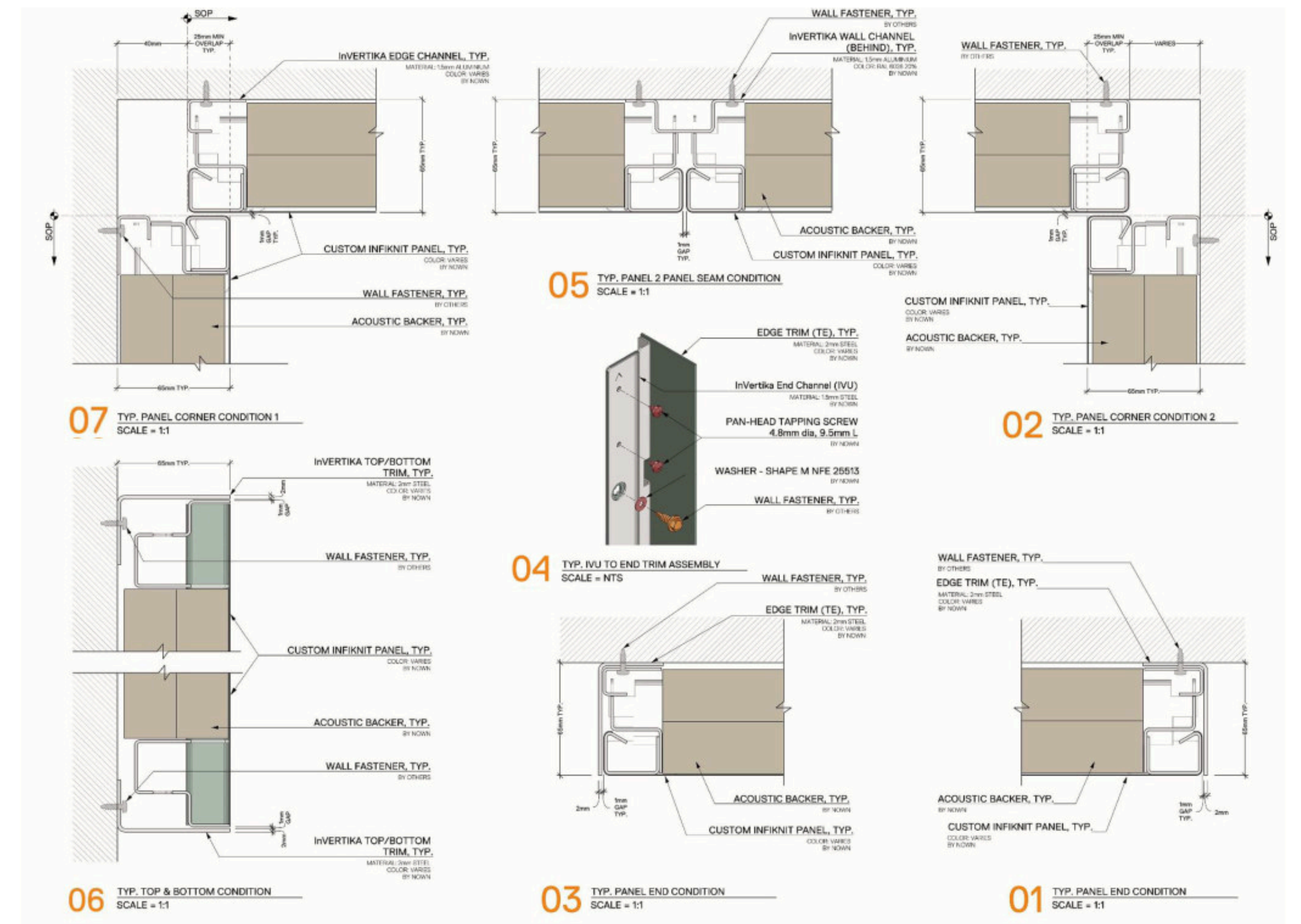
Role: Head of Design & Engineering - NOWN

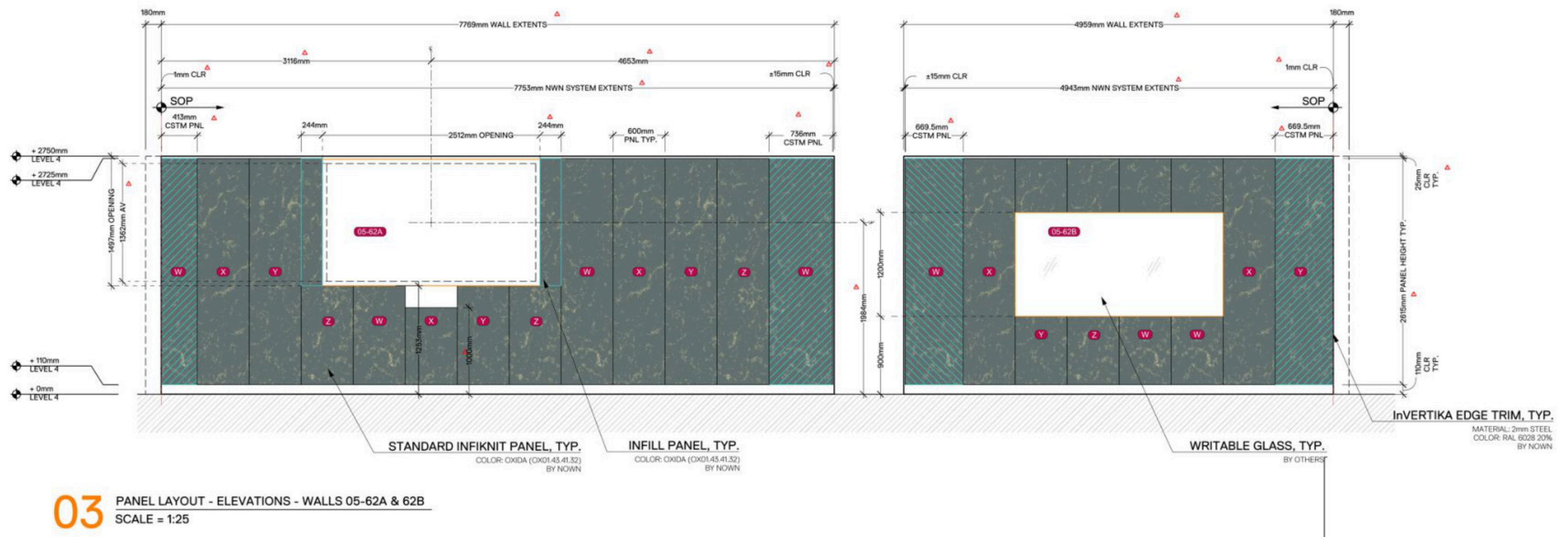
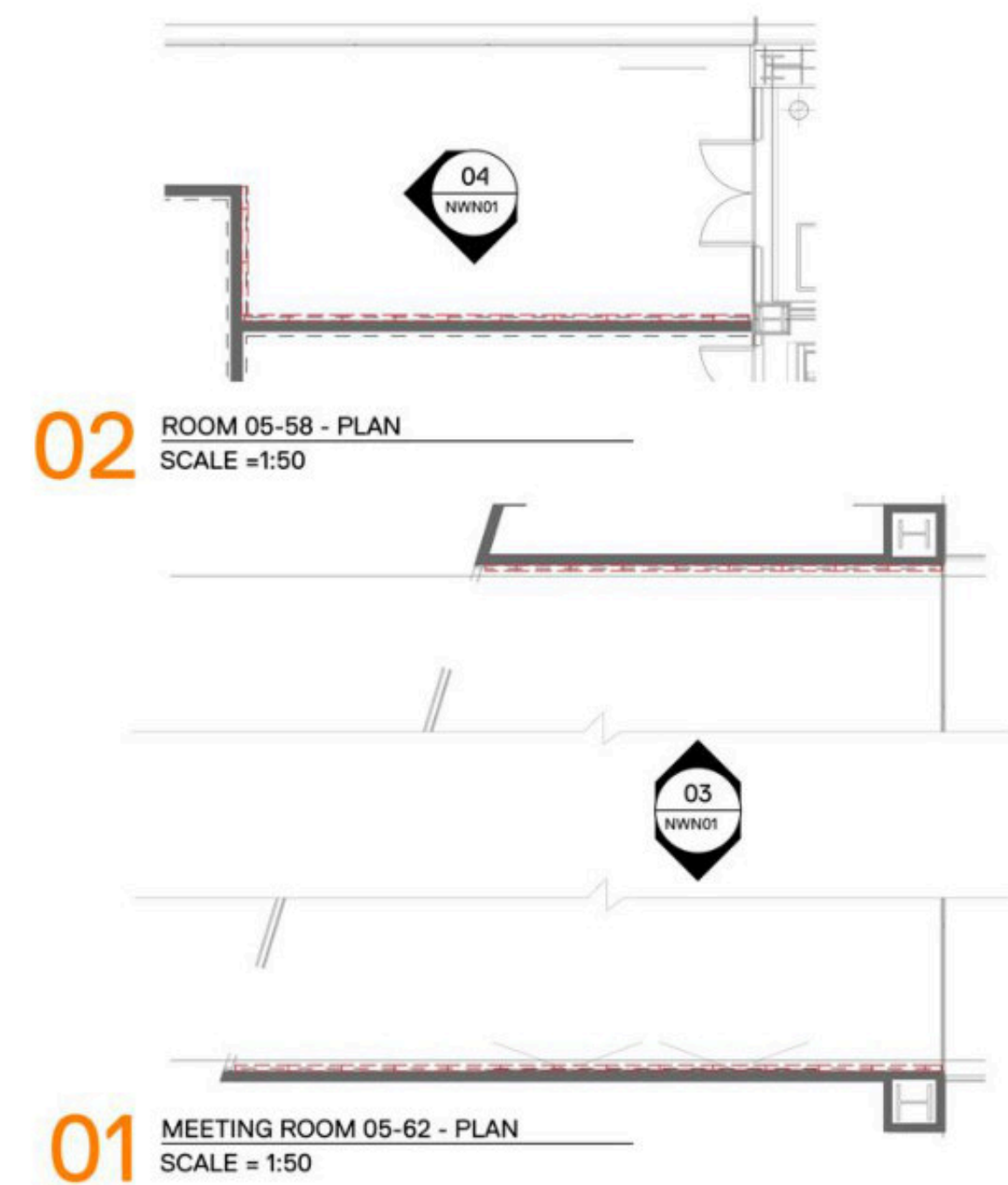
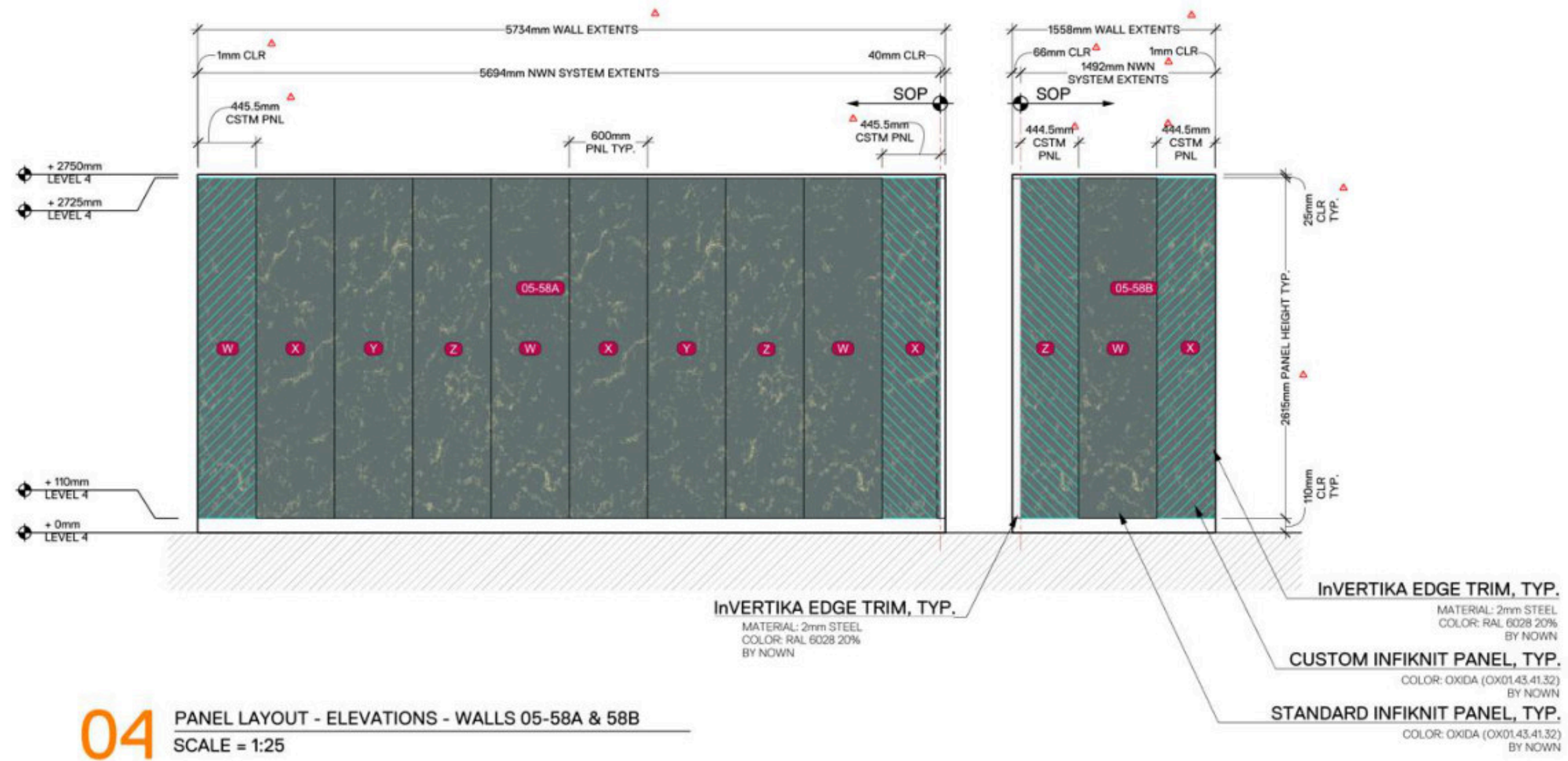
Custom interior wall system for Moody's new European headquarters in the City of London: a Foster + Partners building, reimaged by Gensler and Perkins & Will as a 145,000 sq ft Grade A workspace.

Roughly 700 machine-knitted fabric panels stretched across steel frameworks, delivered in four colour sets with matched RAL-coated trim, spanning four floors in a phased installation. Each panel is custom-sized and programmed on industrial knitting machines, producing a textile surface that reads as architectural rather than decorative. The steel frames demanded extremely tight tolerances: iterative press brake testing across multiple steel alloy types to dial in bend radii and springback behaviour before locking final production parameters. A fraction of a millimetre off and the knitted fabric won't seat properly, the trim won't align, and the panel reads as wrong from across a room.


I led NOWN's design and engineering effort: frame engineering, alloy selection, press brake iteration, panel sizing, colour coordination, trim specification, and phased delivery logistics. The supply chain stretched across international yarn suppliers and through a constrained City of London site, requiring close coordination on material flow, installer sequencing, and live resolution of field conditions as each phase progressed.

Four phases on site. Completion 2026.









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Commencing work in London Summer 2026