CASE STUDY · ARCHITECTURAL MILLWORK

AI Digital *Offices.*

How Metro drew, built and installed the hanging planter, the coffee station and the wood slat ceiling, from Gensler's renderings to the last installed piece.

51 NW 36TH STREET, MIAMI · ARCHITECT GENSLER · GENERAL CONTRACTOR CITY CONSTRUCTION GROUP · COMPLETED 2026



AI DIGITAL — CAFÉ, SLAT CEILING AND WALL

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THE PROJECT

AI Digital Offices

A Gensler-designed headquarters in Miami, delivered with City Construction Group in 2026. Each piece that follows is shown the way it was built: Gensler's rendering, Metro's shop drawings, the installation, and the finished room.

CLIENT	AI Digital
ARCHITECT	Gensler
GENERAL CONTRACTOR	City Construction Group
LOCATION	51 NW 36th Street, Miami
PROJECT SCOPE	Architectural millwork
SHOP DRAWINGS	February – June 2026
INSTALLATION	June – September 2026
STATUS	Completed 2026



TOWN HALL — BLEACHERS, STAIR AND THE HANGING PLANTER

THE BRIEF

A Gensler workplace where the millwork *is* the architecture.

AI Digital's Miami office is built around shared spaces: a coffee bar under a sculptural spiral stair, an indoor garden, a town hall with bleacher seating and a planted ribbon floating overhead. Gensler designed them; City Construction Group built the floors. Metro was engaged for the architectural millwork, the pieces people see and touch every day, with tight radii, integrated lighting and stone that had to meet the casework exactly.



OPEN GARDEN — SLAT CEILING AND LOUNGE PLANTER WALL

METRO'S SCOPE

Hanging planter

Design, framing and structural engineering of sixteen hung modules, with drainage, plumbing connections and lighting.

Wood slat ceilings

Slat ceilings and wall panels built as framed panels, coordinated with every existing system.

Lounge planters

Built-in planter millwork for the Open Garden and entry lounge.

Coffee station

Curved counter under the spiral stair: lit slat front, stone top and waterfall, built-in storage.

Bleacher seating

Tiered blue bleacher seating with integrated lighting for the town hall.

Doors, trim and pantries

Custom wood doors, baseboard, pantry and back-of-house casework.

01

DESIGN INTENT · RENDERING BY GENSLER

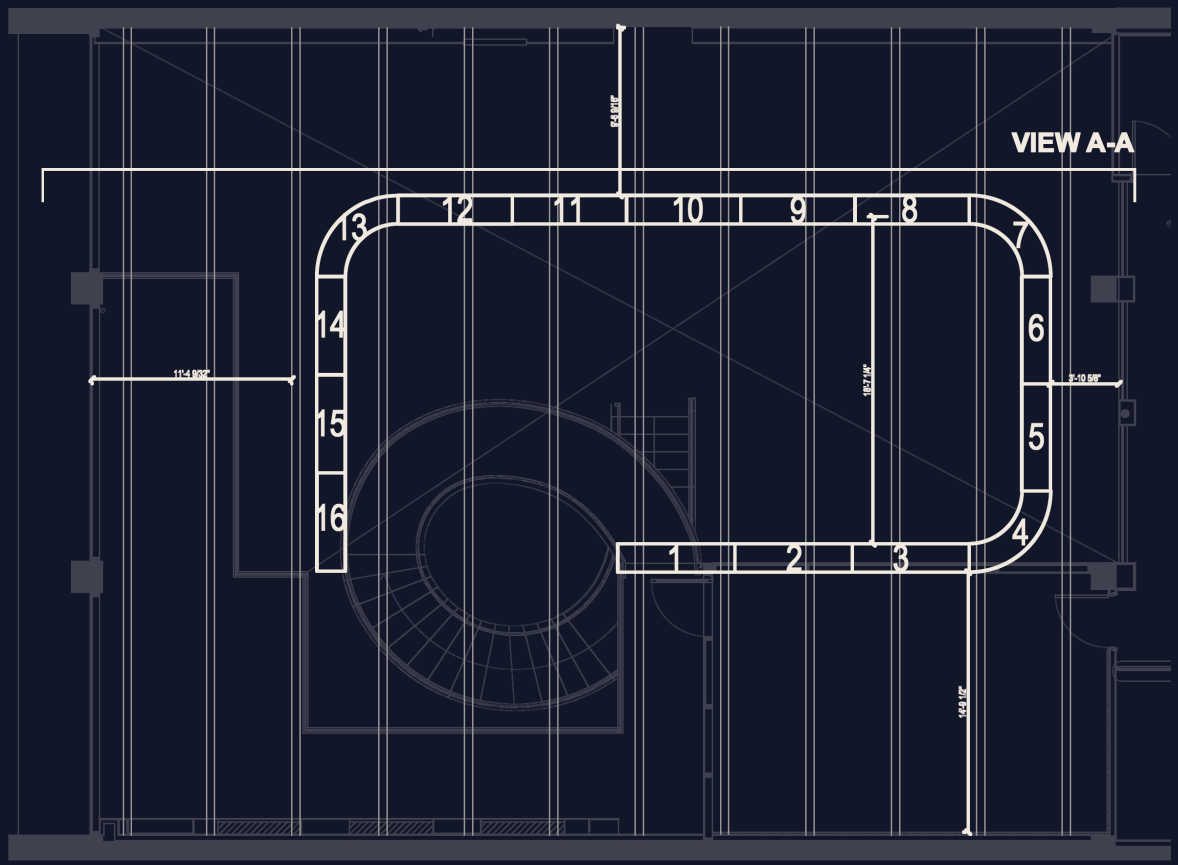
The hanging *planter.*

Gensler drew a planted ribbon floating around the atrium. Metro designed how it would all work, framed it, carried the structural engineering, and delivered sixteen hung modules with drainage, plumbing connections and lighting.



Sixteen modules around the *spiral stair.*

Metro designed the whole system: the framing, the structure hanging from the slab, drainage and the plumbing connections. Every module was set out on the ceiling plan, sectioned by type and given its own sheet with every hole dimensioned.

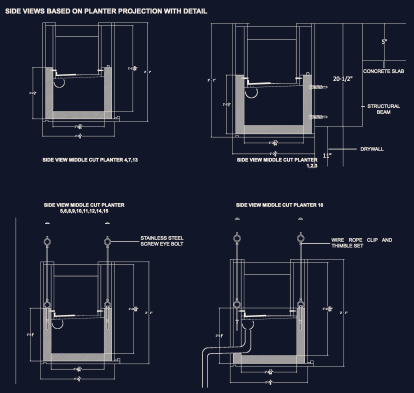


PLANTER PROJECTION — MODULES 1 TO 16 SET OUT AROUND THE STAIR

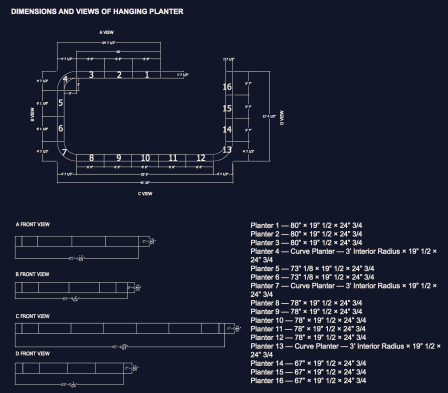
16 MODULES

3 CURVED

24 SHEETS



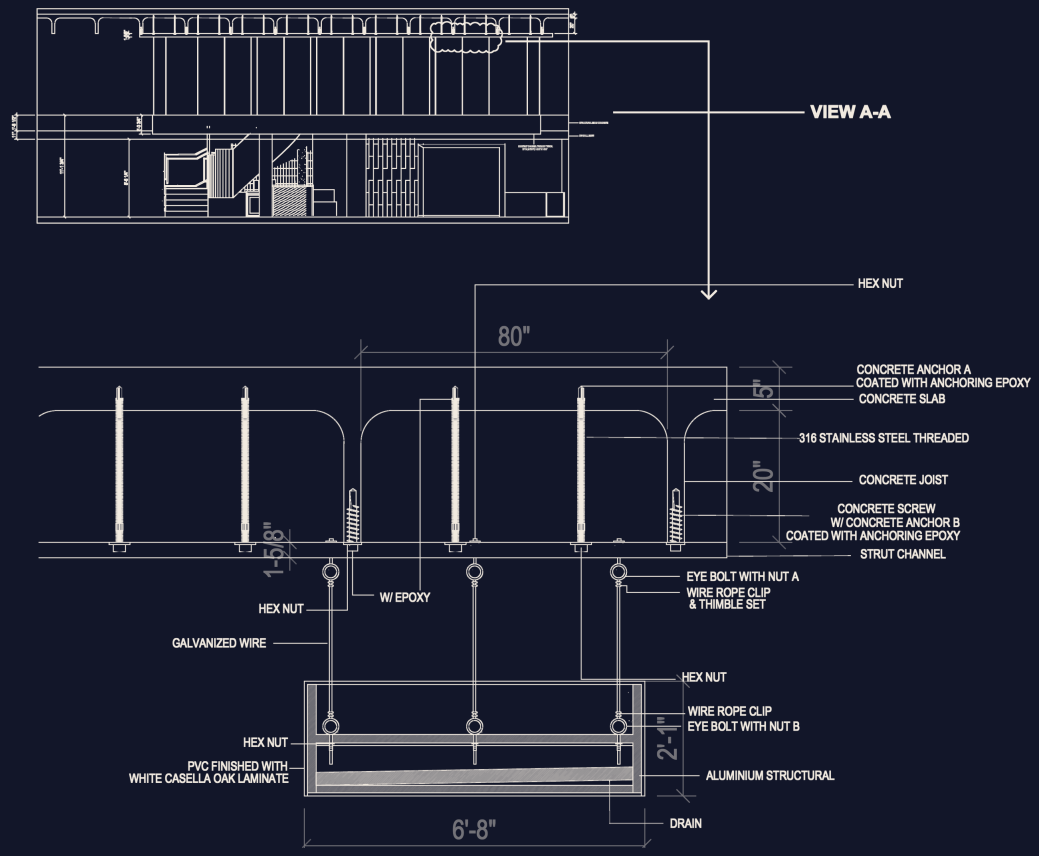
SECTIONS AT EACH MODULE TYPE



DIMENSIONS AND MODULE SCHEDULE

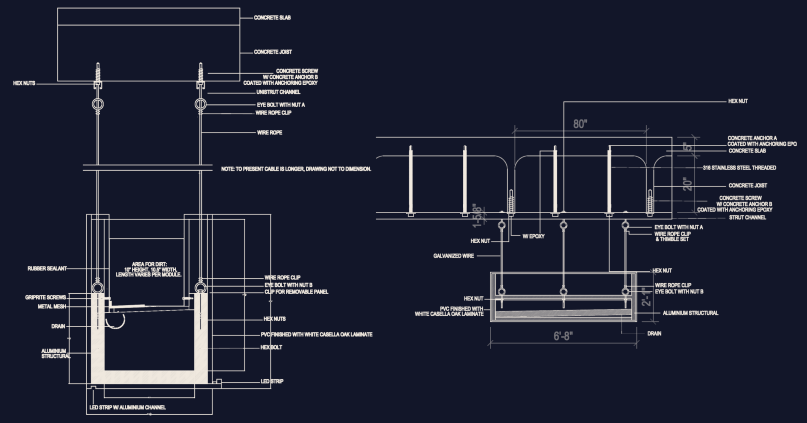
Hung from the slab, routed around the *duct*.

FRONT ELEVATION HANGING PLANTER WITH DETAIL



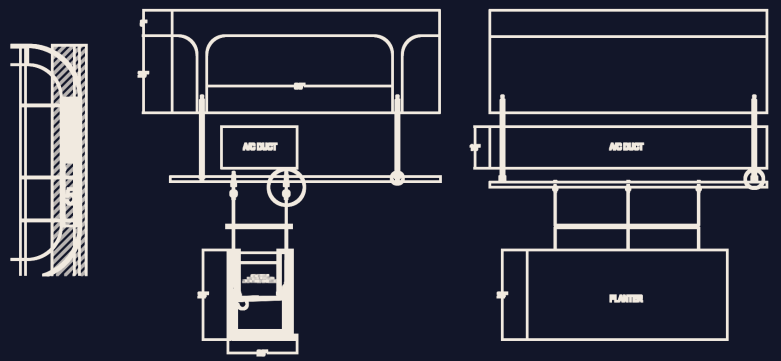
FRONT ELEVATION — SLAB ANCHOR, STAINLESS THREADED ROD, STRUT CHANNEL, WIRE ROPE, PLANTER FRAME

COMPONENT DEFINITION



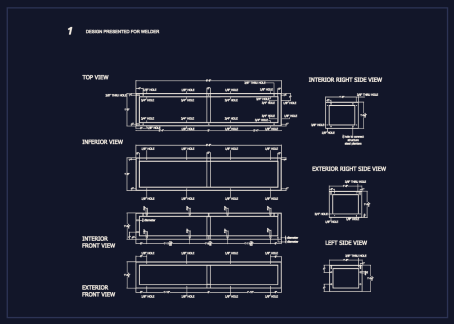
NOTE: STRUT CHANNEL TO BE FINISHED IN PT00.

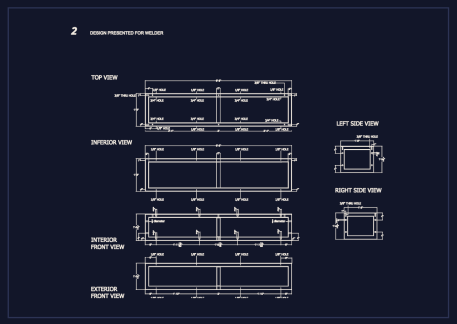
COMPONENT DEFINITION — EVERY PART OF THE HANGING ASSEMBLY

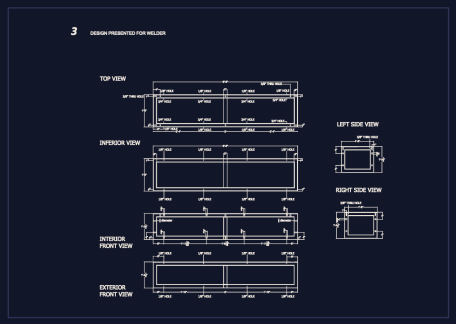


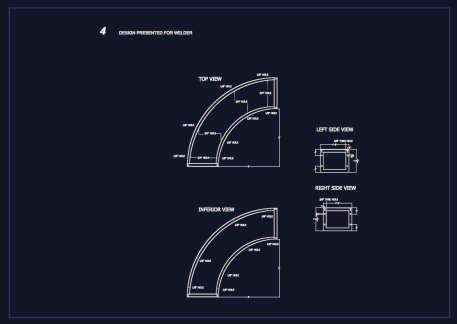
RFI — PLANTER HUNG CLEAR OF THE A/C DUCT, ISSUED BEFORE FABRICATION

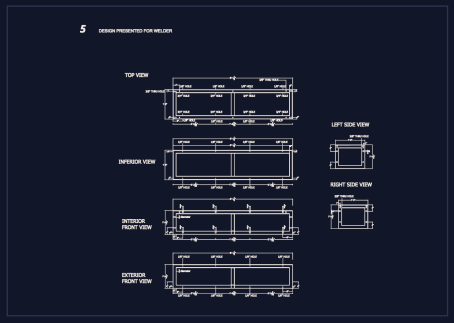
One sheet for every module.

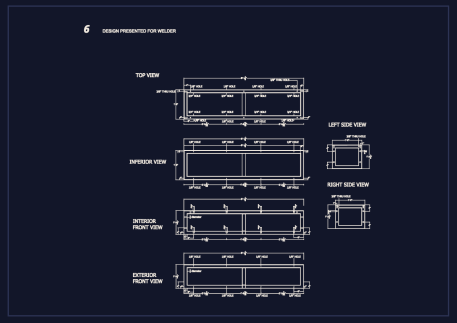




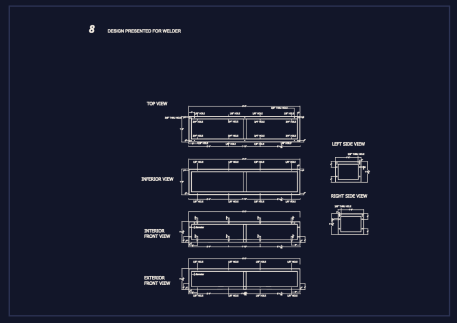


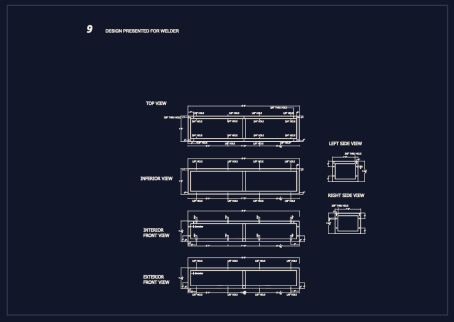


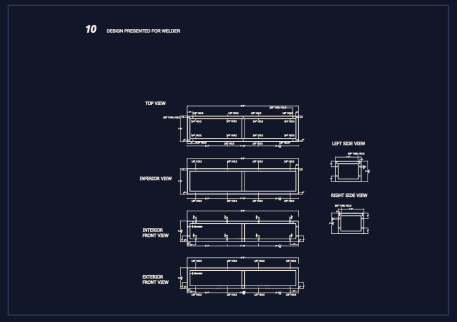


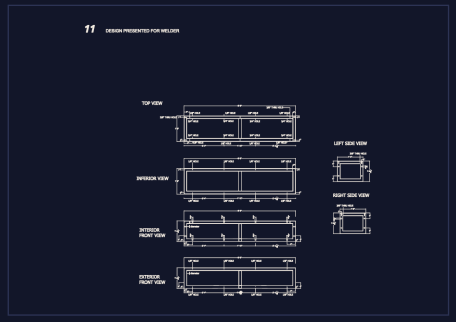


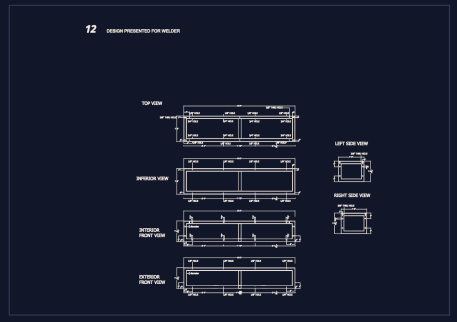


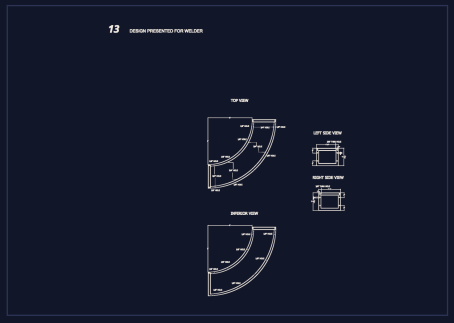


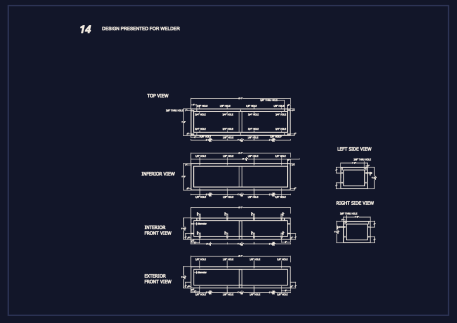


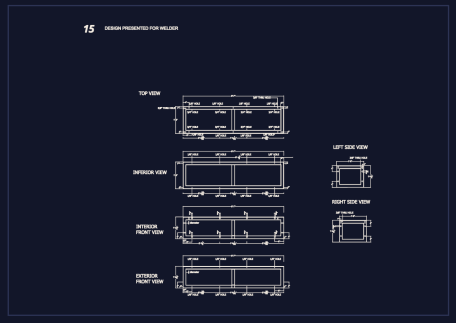


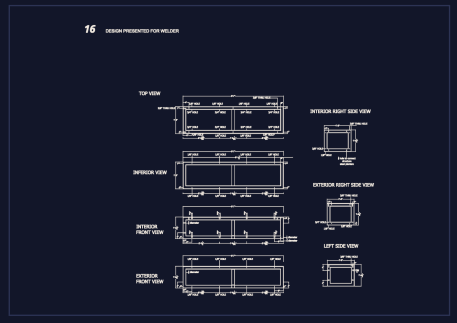












01 HANGING PLANTER · INSTALLATION, JULY – AUGUST 2026

Raised module by module, leveled and joined until the ribbon closed.



FROM THE SECOND FLOOR, AUGUST 2026



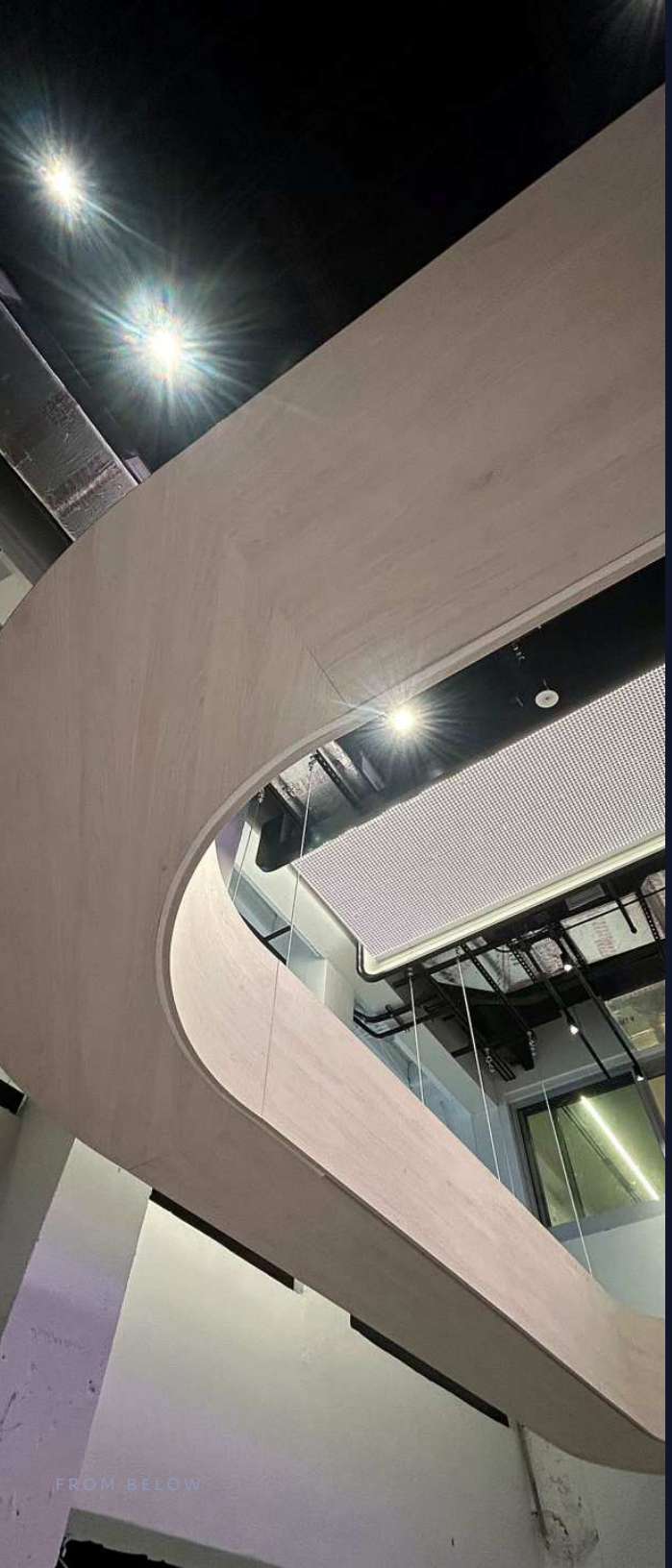
WIRE ROPE AND JOINTS



01 HANGING PLANTER · DELIVERED

The ribbon, planted and lit, from the second floor.

Sixteen modules closing around the atrium, hung over the town hall stage and seating.



FROM BELOW



OVER THE TOWN HALL STAGE



PLANTED, SEPTEMBER 2026



THE CURVE

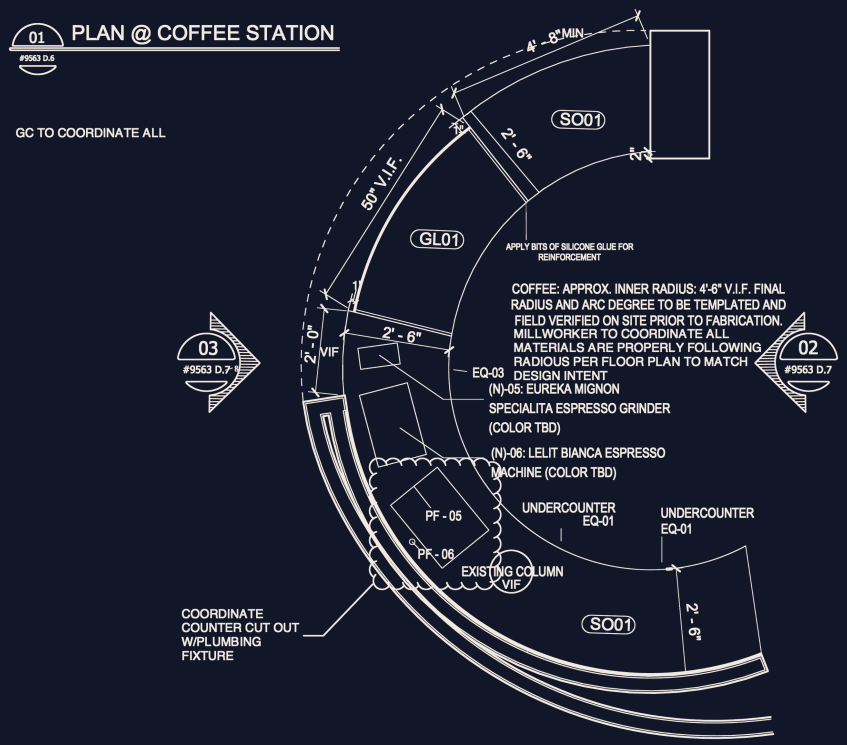
Rendered by Gensler, built by Metro.

DESIGN INTENT
RENDERING BY GENSLER

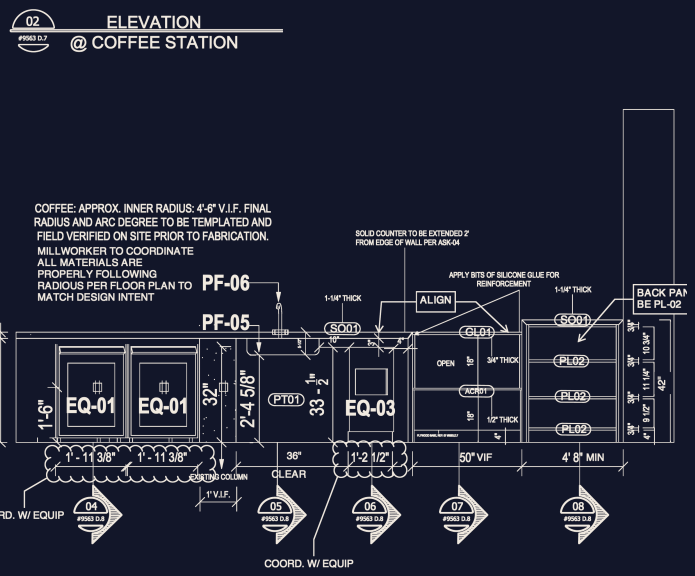
DELIVERED
SITE PHOTOGRAPH, OCTOBER 2026

Drawn in-house, to the *sixteenth.*

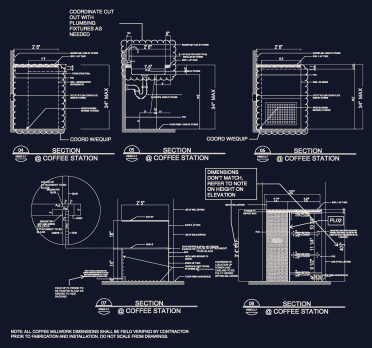
The counter's radius was set out around the spiral stair, templated on site and coordinated with the stone, plumbing, lighting and equipment, from field-verified dimensions.



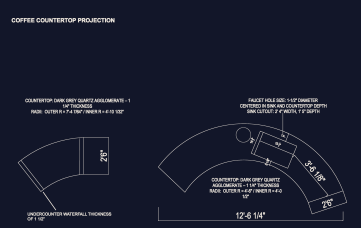
PLAN — RADIUS SET OUT AROUND THE SPIRAL STAIR



ELEVATION — LIT SLAT FRONT, EQUIPMENT AND STORAGE

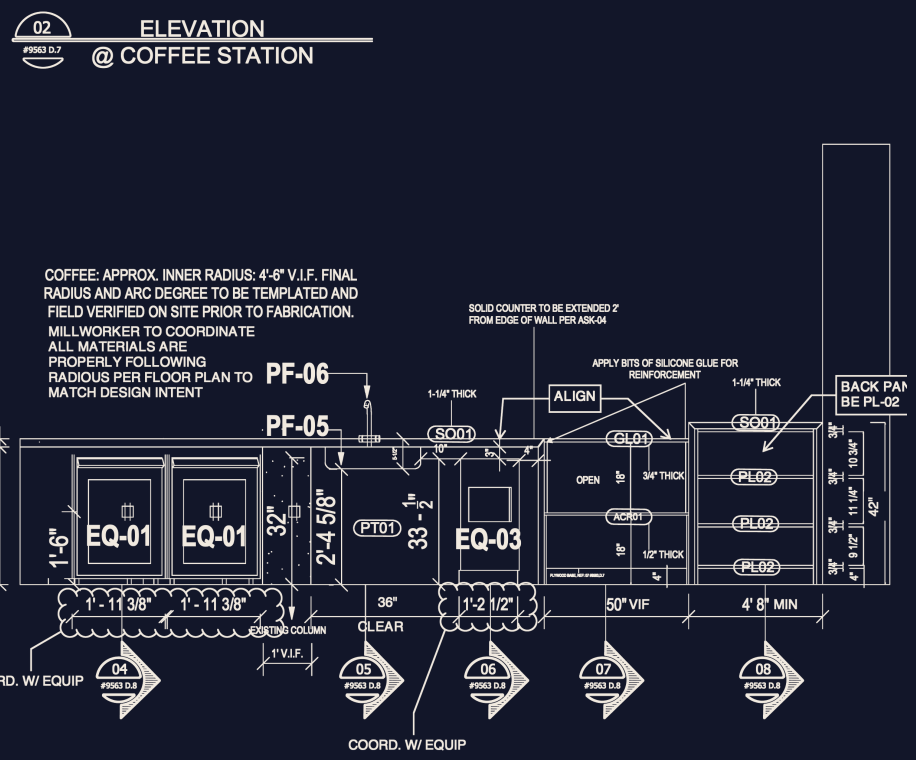


SECTIONS 04–08



COUNTERTOP — STONE RADII

Drawn. Approved. *Built.*



ELEVATION 02 — COFFEE STATION, METRO SHOP DRAWING



Gensler — SUBMITTAL REVIEW

Issued to Gensler February 12, 2026 (submittal 06-400-006.0), revised and reissued, and cleared on June 5, 2026 under 06-400-008.1: make corrections as noted, no resubmittal required.



THE FINISHED COFFEE STATION

Templated on site, wired before the stone.

The counter base was set to the radius around the stair, the lit slat front was wired and tested in place, and only then did the stone go on.



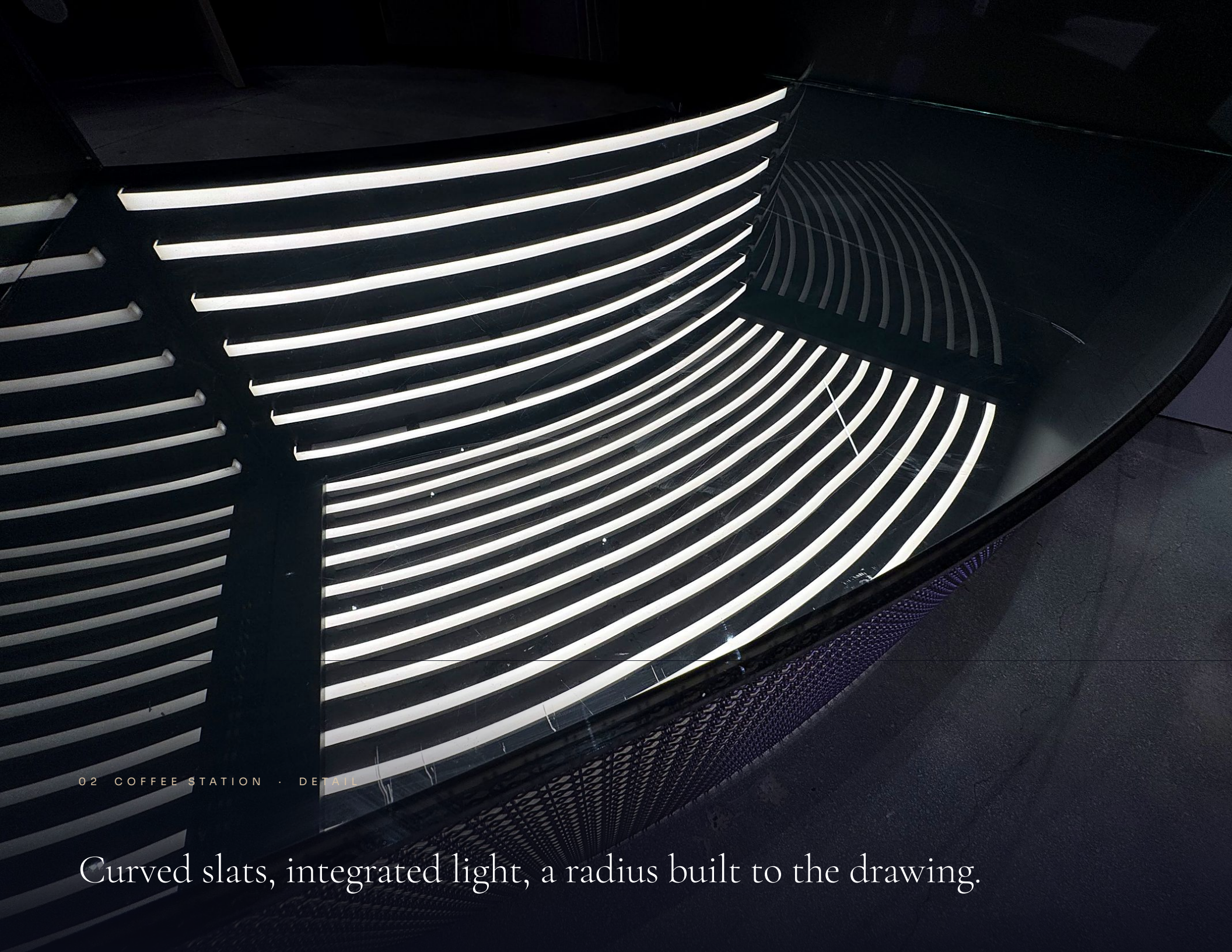
BASE SET TO THE RADIUS



BASE IN PLACE


TESTING THE LIT SLAT FRONT


SLAT FRONT FROM ABOVE



02 COFFEE STATION · DETAIL

Curved slats, integrated light, a radius built to the drawing.

A wood ceiling over the Open Garden, rendered, then built.

DESIGN INTENT

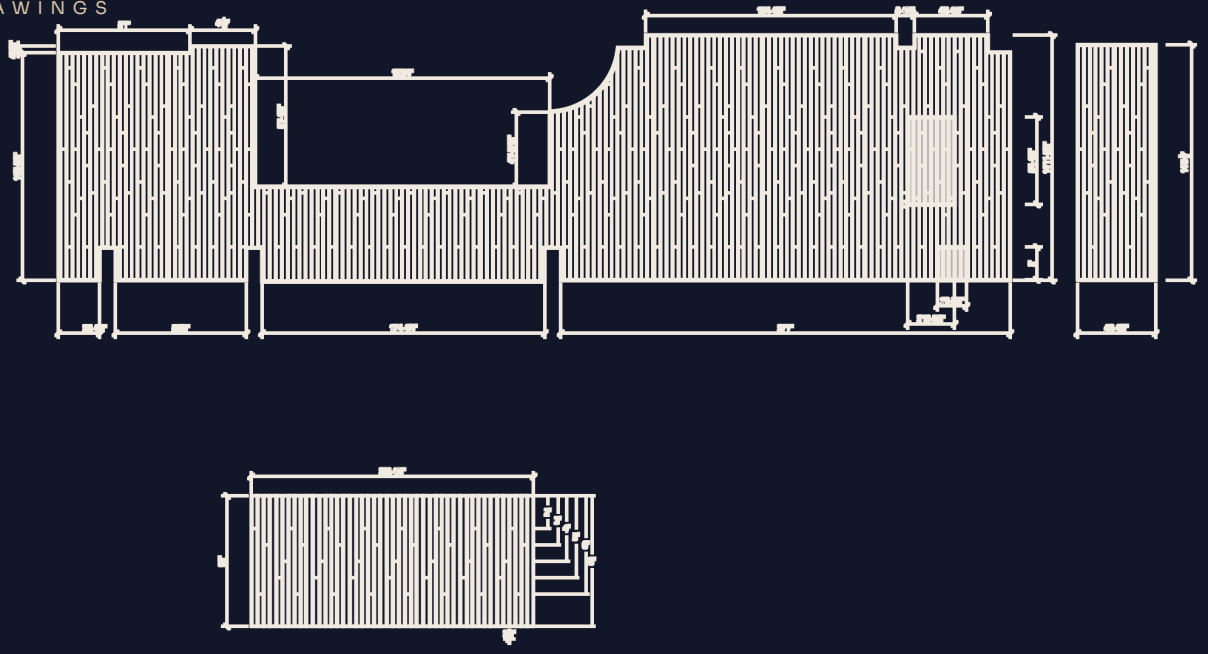
RENDERING BY GENSLER

DELIVERED

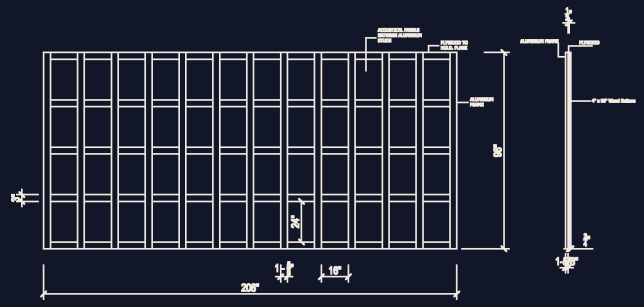
SITE PHOTOGRAPH, OCTOBER 2026

Laid out slat by slat, built as *panels*.

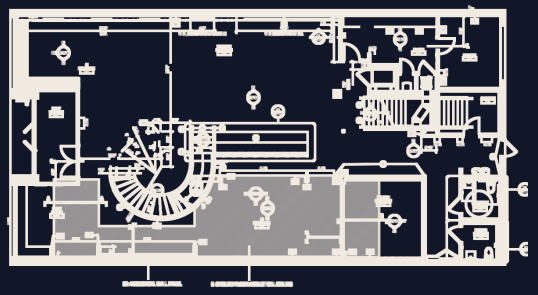
Metro coordinated the ceiling with every existing system, lighting, sprinklers, diffusers and ductwork, drew the layout around the stair opening and the room's curves, then detailed the panel itself: an aluminum frame with acoustic panels between the studs and 4" × 96" wood battens on the face, so each section could be assembled on the floor and lifted into place.



CEILING LAYOUT — SLATS DIMENSIONED AROUND THE STAIR OPENING



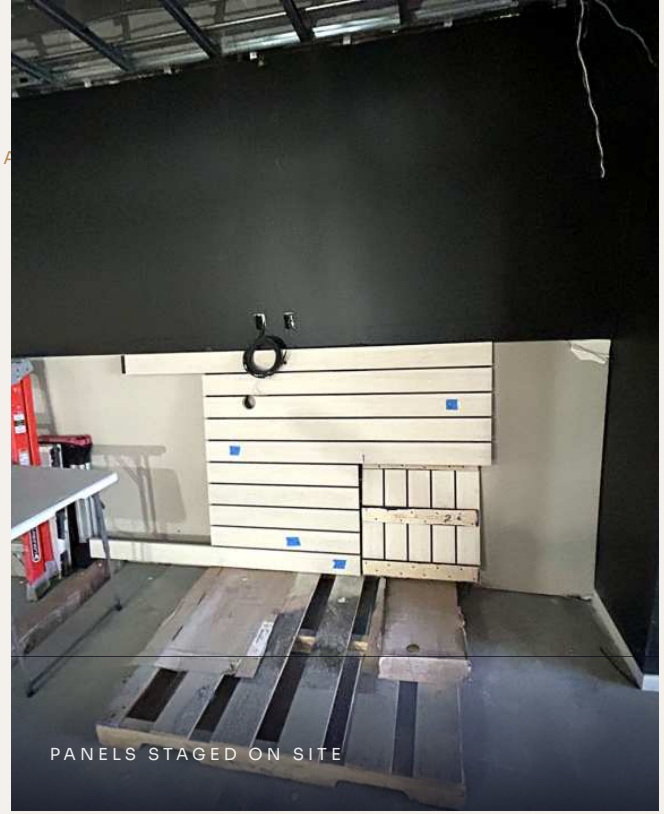
PANEL BUILD-UP — ALUMINUM FRAME, ACOUSTIC INFILL, WOOD BATTENS



KEY PLAN — GROUND-FLOOR CEILING AND WALL PANEL AREAS

Assembled in panels, set as one plane.

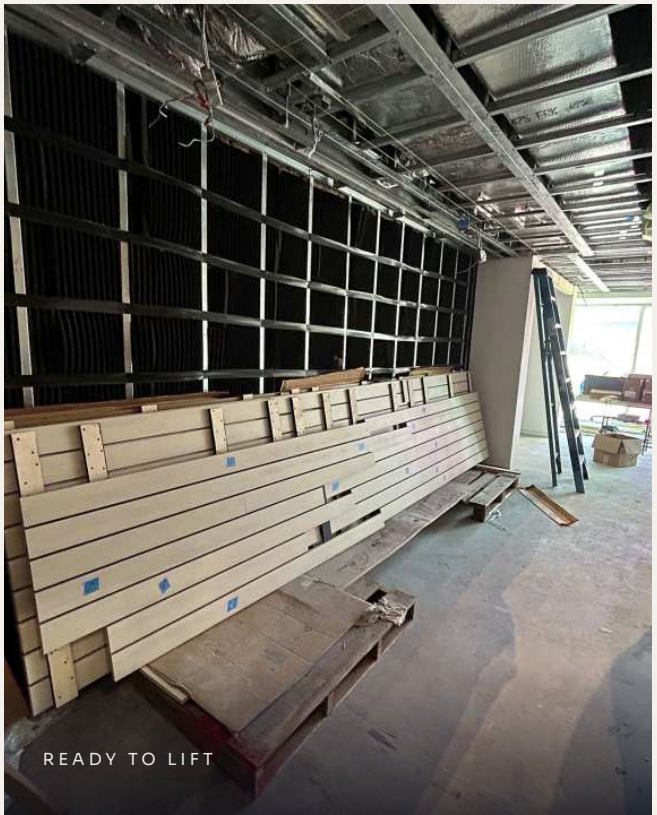
Panels were assembled on the floor, then lifted and set as a single plane. Every existing system above, from ducts to sprinklers, was coordinated before a slat was cut.



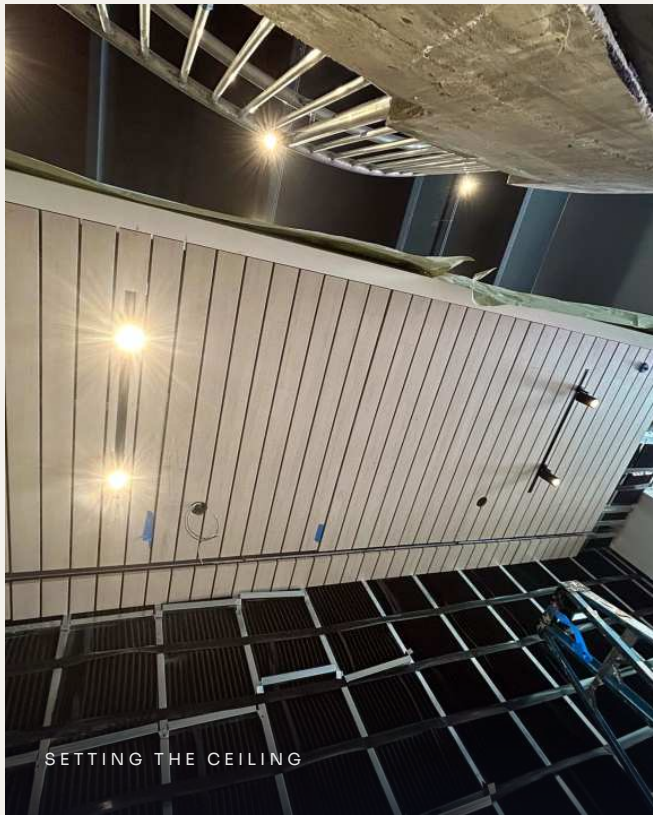
PANELS STAGED ON SITE



PANEL ASSEMBLY



READY TO LIFT



SETTING THE CEILING



03 WOOD SLAT CEILING · DELIVERED

Ceiling and wall in one continuous run of wood, over the café.

03 WOOD SLAT CEILING · DELIVERED

The Open Garden, under one plane of wood.



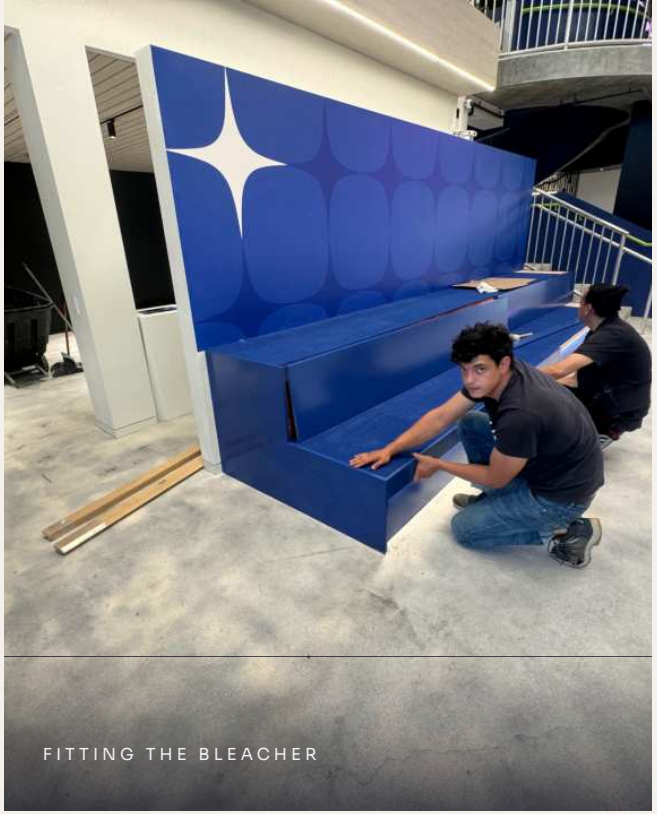
SLAT JOINTS AND TRACK LIGHTING



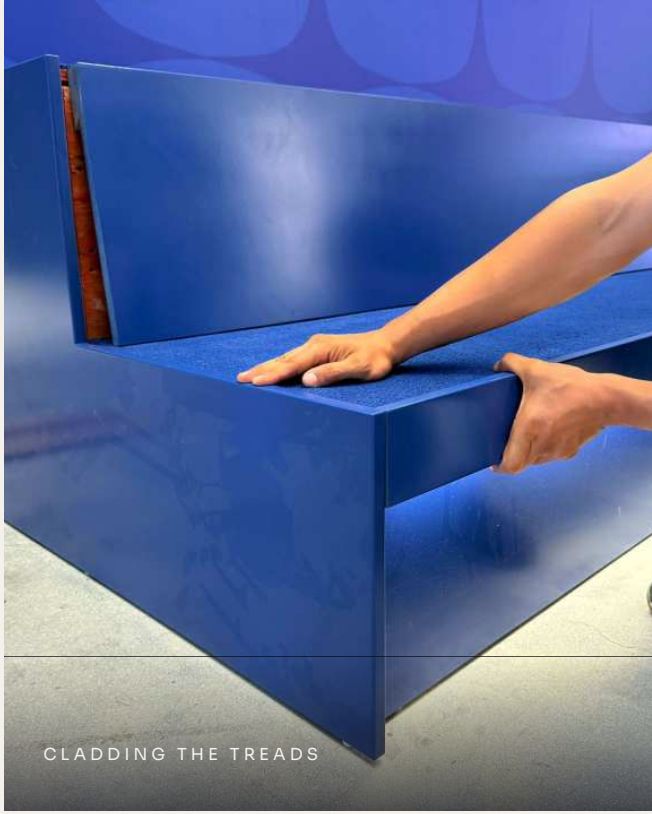
CEILING MEETS THE WALL

Framed, clad and fitted by hand.

The bleacher was framed on the floor, clad in blue and fitted piece by piece by Metro installers.



FITTING THE BLEACHER



CLADDING THE TREADS



FRAMING



FINISHED

“

AI Digital had some very complicated pieces, and David and the Metro team really stepped up. The hanging planter alone was a huge challenge given its weight. They took on the structural support, drainage and coordination of the installation, beyond just the millwork. Then there was the curved coffee station, getting the stone, acrylic and glass to work together, which was very difficult. There was a lot to figure out, and I appreciate their flexibility and willingness to work through it with us. I’d definitely work with them again.

Ariel Chueke

PROJECT MANAGER · CITY CONSTRUCTION GROUP

Feb 2026	Jun 5, 2026	June 2026	Jul – Aug 2026	Oct 1, 2026
Shop drawings issued	Final Gensler review	Installation begins	Hanging planter raised	Site photographs



Thirteen phases, one accountable team.

PRECONSTRUCTION

01 Bidding
Plans and specs read line by line; scope priced to the documents.

02 RFI Q&A
Questions issued and answered before the price is final.

03 Revision
Pricing revised to addenda and RFI answers.

04 Final contract
Scope, inclusions, exclusions and schedule agreed in writing.

05 Awarded
Kickoff with the GC; submittal schedule set.

ENGINEERING

06 Samples and logistics
Finish samples submitted; deliveries and site logistics planned.

07 Shop drawings
Drawn in-house from field-verified dimensions.

08 Approvals
Review cycles with the architect and GC until approved.

09 Material ordering
Released against approved drawings and lead times.

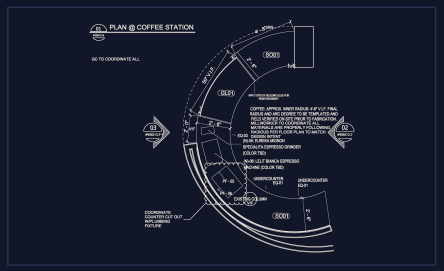
PRODUCTION AND FIELD

10 Fabrication
Built and finished in our Hollywood shop.

11 Installation
Metro-supervised crews, coordinated daily with the GC.

12 Punch list
Walked with the GC and design team; closed fast.

13 Closeout
Warranties, attic stock and operation documents.



07 SHOP DRAWINGS



10 FABRICATION



11 INSTALLATION



13 CLOSEOUT

CREDENTIALS

Licensed, insured and built to standard.

Licensed

Florida Certified Building Contractor CBC1263915, active through August 2028. City of Hollywood business tax receipt B9075090.

Insured

General liability $1,000,000 per occurrence / $2,000,000 aggregate. Workers' compensation (statutory) with $1,000,000 employer's liability. Auto $500,000; umbrella $1,000,000. Certificates issued to the GC on request.

Bonding

No standing surety facility. Metro obtains project-specific bonds when a contract requires them, subject to surety underwriting.

Built to AWI standards

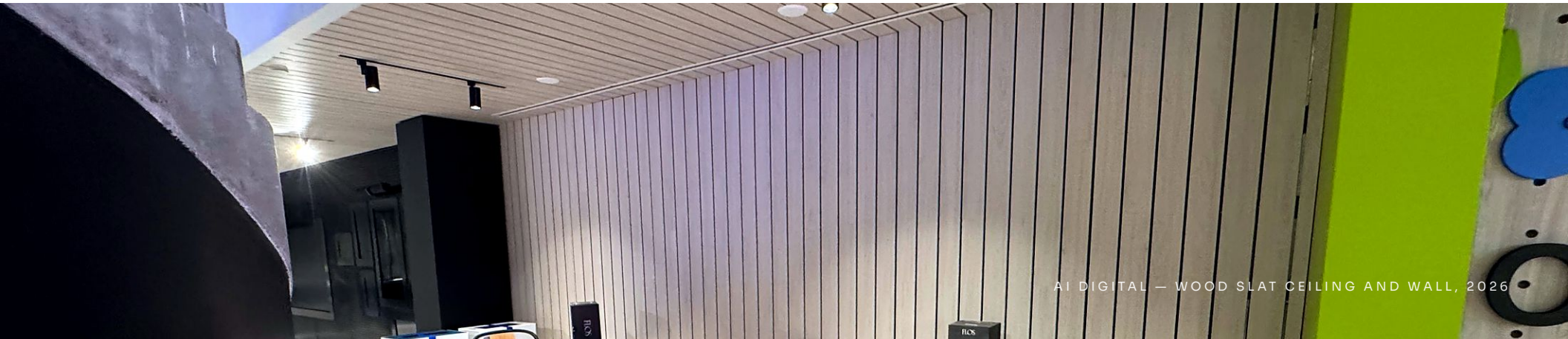
Fabrication and installation to the AWI Architectural Woodwork Standards, under a written millwork quality-control policy.

Safe

EMR 1.00 (unrated). Zero recordable injuries in five years; no OSHA citations. Written health and safety program; OSHA 10–trained leadership.

Established

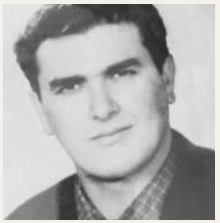
Metro Door USA Inc., a Florida corporation since 2013, d/b/a Metro Millwork. D-U-N-S 026133458.



AI DIGITAL — WOOD SLAT CEILING AND WALL, 2026

THE TEAM

The people who draw it, build it and install it.



THREE GENERATIONS OF CARPENTERS

LEADERSHIP



Herman Alter
FOUNDER



David Alter
PRESIDENT & QUALIFIER

MANAGEMENT



Ezequiel Priven
BIDDING MANAGER



Josue Vasquez
HEAD PROJECT MANAGER



Joaquin Vicant
HEAD OF FABRICATION



Marta Orozco
OFFICE MANAGER

DESIGN AND SHOP DRAWINGS



Marcelo Sonnschein
LEAD ARCHITECT



Lucas Cabrera
SHOP DRAWINGS



Gabriela Grisolia
SHOP DRAWINGS



Juliana Ferreri
SHOP DRAWINGS



María García Santillan
SHOP DRAWINGS

CRAFTSMEN



Felipe Montalvan
CRAFTSMAN



Carlos Salvo
CRAFTSMAN

INSTALLERS



Jorge Perez
INSTALLER



Luis Parce
INSTALLER



Johan Santiago
INSTALLER



Daniel Nunez
INSTALLER

METRO MILLWORK

Send us your next millwork *package*.

ESTIMATING

Ezequiel Priven

zequi@mrcmia.com

(786) 343-4830

PRESIDENT

David Alter

david@mrcmia.com

(305) 300-7996

