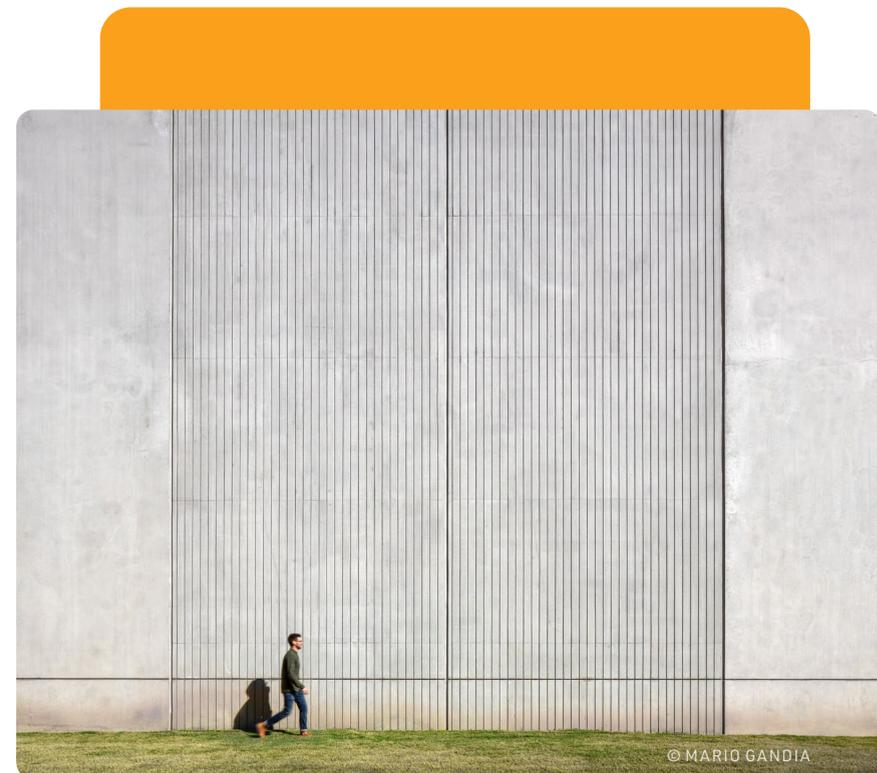
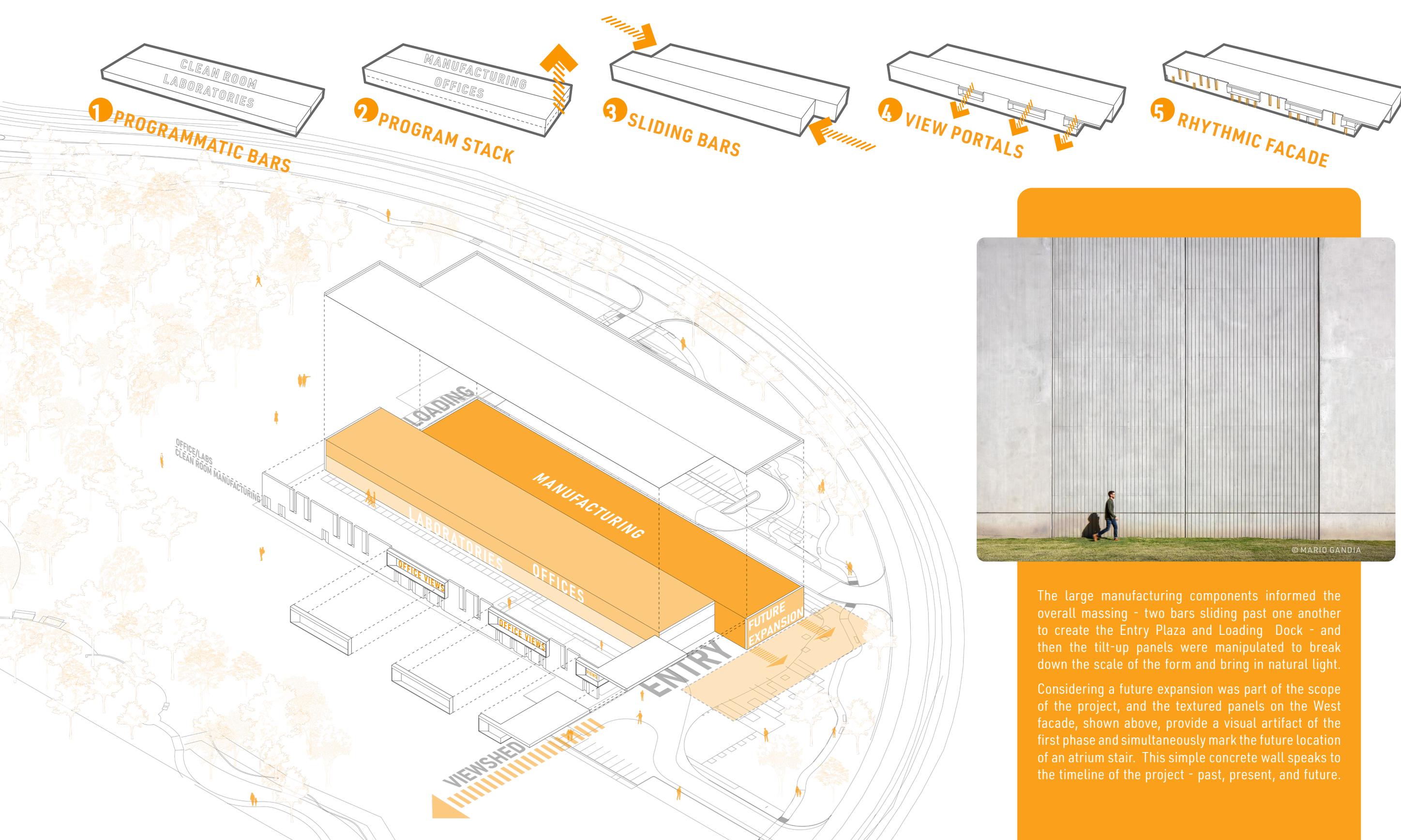


VGXI Headquarters + Biomanufacturing Facility





The large manufacturing components informed the overall massing - two bars sliding past one another to create the Entry Plaza and Loading Dock - and then the tilt-up panels were manipulated to break down the scale of the form and bring in natural light.

Considering a future expansion was part of the scope of the project, and the textured panels on the West facade, shown above, provide a visual artifact of the first phase and simultaneously mark the future location of an atrium stair. This simple concrete wall speaks to the timeline of the project - past, present, and future.

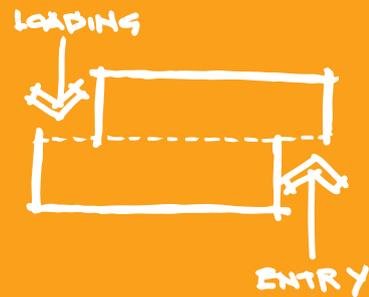
PROGRAM ORGANIZATION



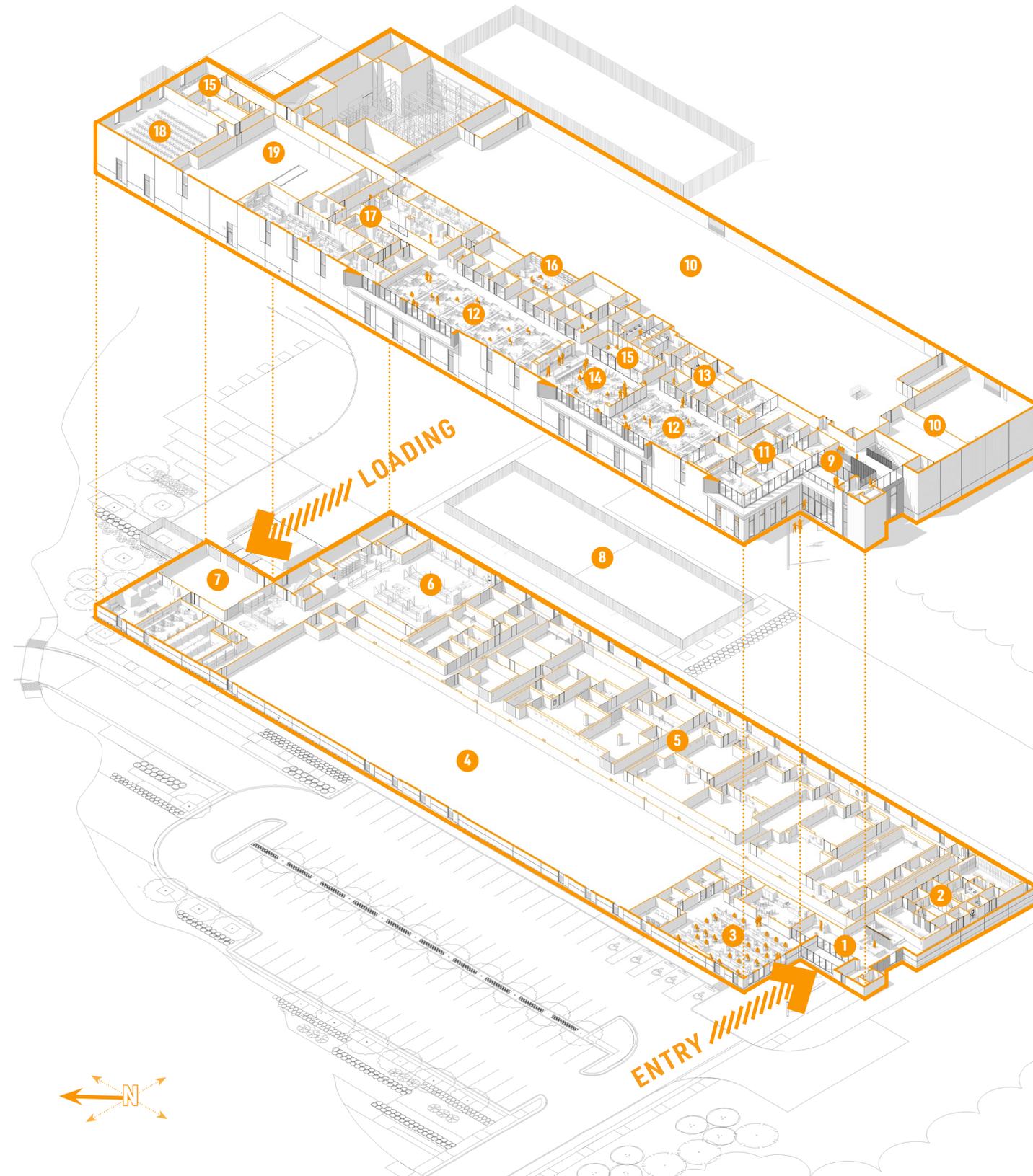
SHIFTING BARS



CIRCULATION



The project began with the primary constraints of tilt-up construction methodology and designing a lab facility where much of the design is tightly prescriptive - equipment layout, material flow, mechanical systems, and cleanliness. As a design team, the path forward was to view the constraints as design opportunities and guiding principles.



SECOND FLOOR

- 9 BALCONY
- 10 MECHANICAL + UTILITIES
- 11 EXECUTIVE OFFICE SUITE
- 12 OPEN OFFICE
- 13 PRIVATE OFFICES
- 14 BREAK ROOM
- 15 CONFERENCE
- 16 LIBRARY
- 17 LABORATORIES
- 18 TRAINING
- 19 SHELL SPACE

FIRST FLOOR

- 1 LOBBY
- 2 LOCKER ROOMS
- 3 MANUFACTURING TOUCHDOWN
- 4 MANUFACTURING TRAIN 2
- 5 CLEAN ROOM MANUFACTURING
- 6 WAREHOUSE
- 7 SHIPPING + RECEIVING
- 8 MECHANICAL UTILITY YARD

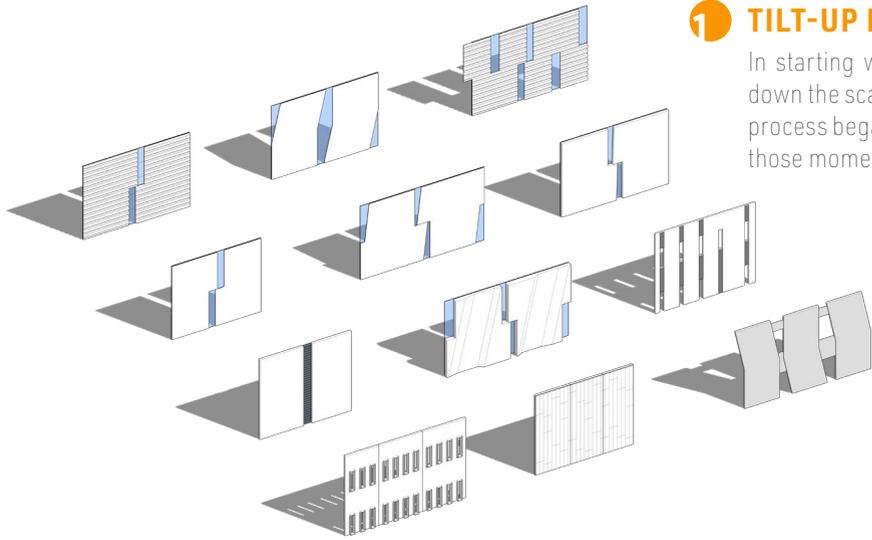
The building design was intended to be more than merely functional, echoing who the clients aspired to be as a company. The double-height entry plaza signals to employees and visitors that this is a place that values its occupants by providing pleasant environments for working and a variety of spaces to support their tasks throughout the day.



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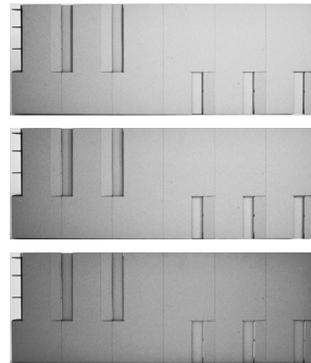


1 TILT-UP PANEL ITERATIONS

In starting with simple, expansive massing the desire was to break down the scale of the building with light and shadow. The panel design process began by studying ways to shift, and carve the panels to create those moments of interest.

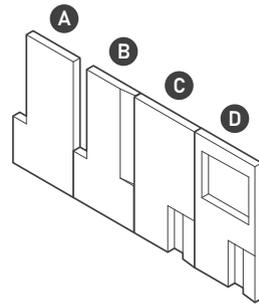
3 CARDBOARD MODEL SUN-STUDIES

A cardboard sketch model provided a preliminary analysis of sun and shadow across the facade during the SD phase.



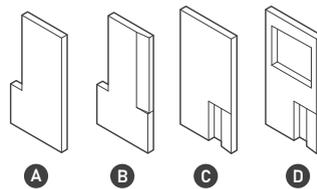
2 SELECTED PANEL LANGUAGE

The language of multiple panel types provided a layer of visual interest while maintaining the cost and lead time benefits of a typically mundane construction method.

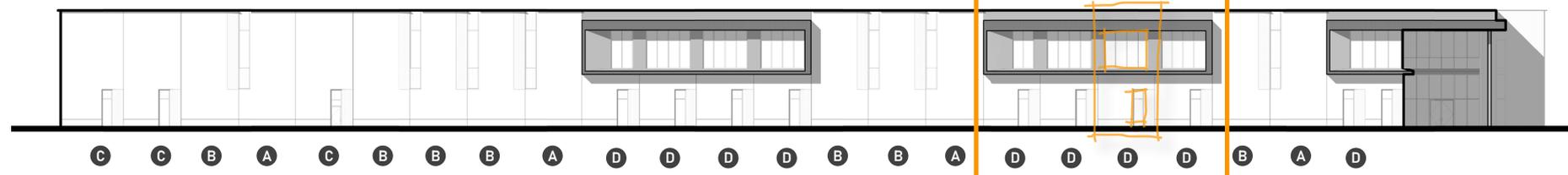


4 APPLY PANEL LANGUAGE TO ELEVATIONS

The facade design was another outlet for the client to express their unique approach for this building typology, applying panels with voids, masses, and reveals.



NORTH ELEVATION



6 COMPLETED DETAILING

Both the chamfer and the parapet cap were key elements of using light and shadow to allow the facade of the building dynamically change throughout the day as the sun moves across the sky.



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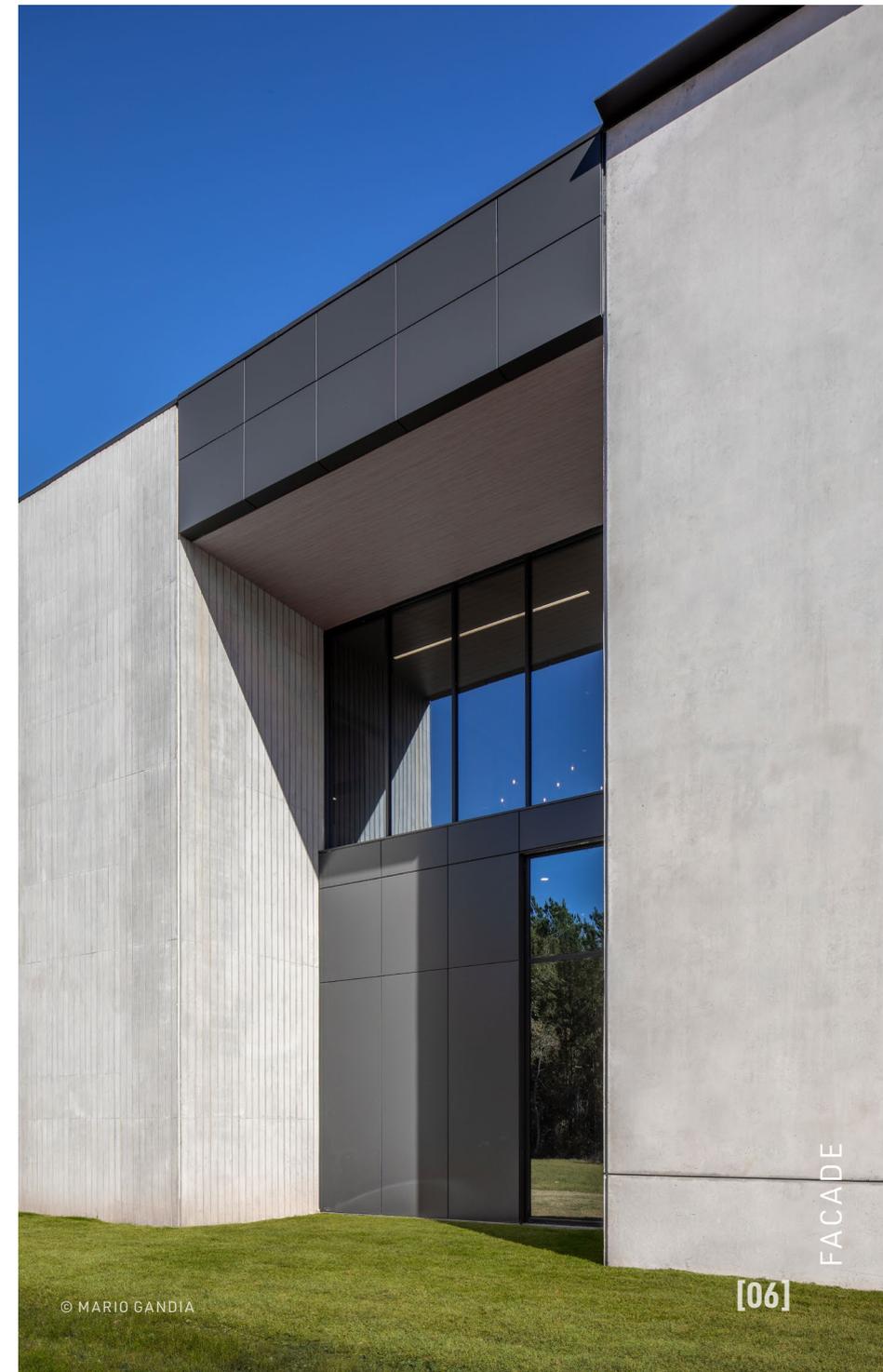
5 PANELS IN CONSTRUCTION

The full scale panel mock up highlighted the chamfer, which is only a two inch change in depth, and proved the striking visual impact of such a simple design move.





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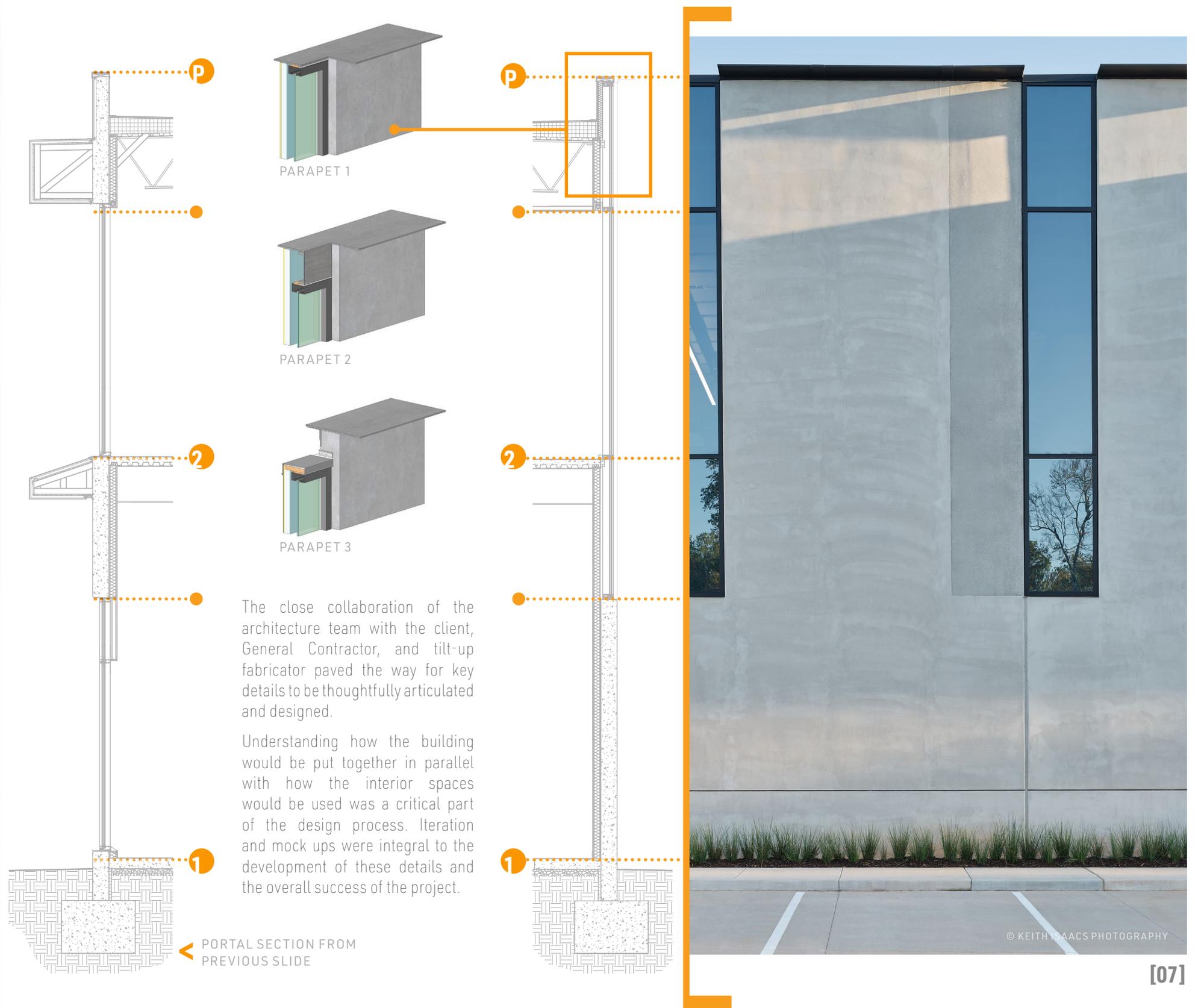
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FACADE

[06]



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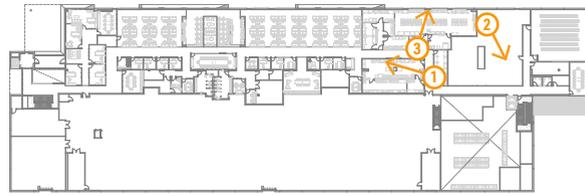


The close collaboration of the architecture team with the client, General Contractor, and tilt-up fabricator paved the way for key details to be thoughtfully articulated and designed.

Understanding how the building would be put together in parallel with how the interior spaces would be used was a critical part of the design process. Iteration and mock ups were integral to the development of these details and the overall success of the project.

PORTAL SECTION FROM PREVIOUS SLIDE

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SECOND FLOOR

One of the primary client goals was providing pleasant working environments for their employees, particularly in the lab and manufacturing spaces. For the client, providing optimal an working environment supports employee satisfaction, focus, and engagement which has the potential for positive global impact considering the products they are creating.



1

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2

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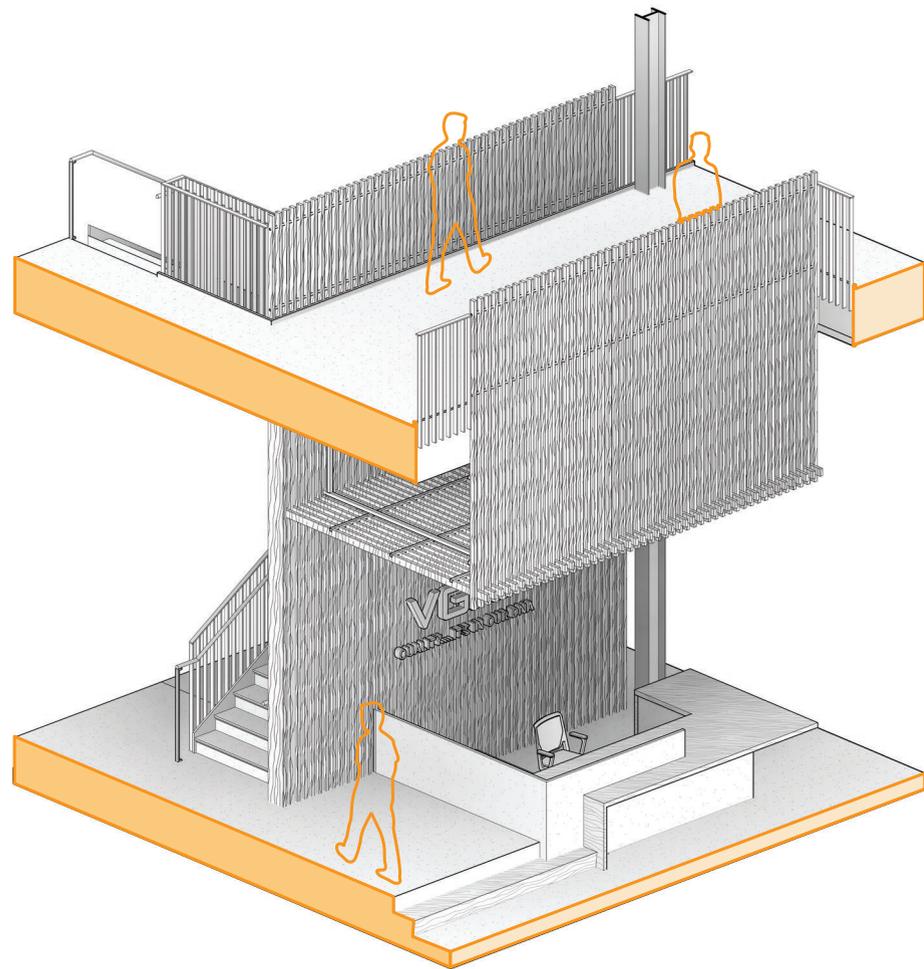


3

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The monumental stair was inserted into the lobby as a sculptural object, again marking this facility as striving to be best-in-class for this building typology.

The wood slat walls and ceilings visually connect the interior design to the exterior canopy soffits, and establish a material language that will be carried throughout the office and circulation areas.





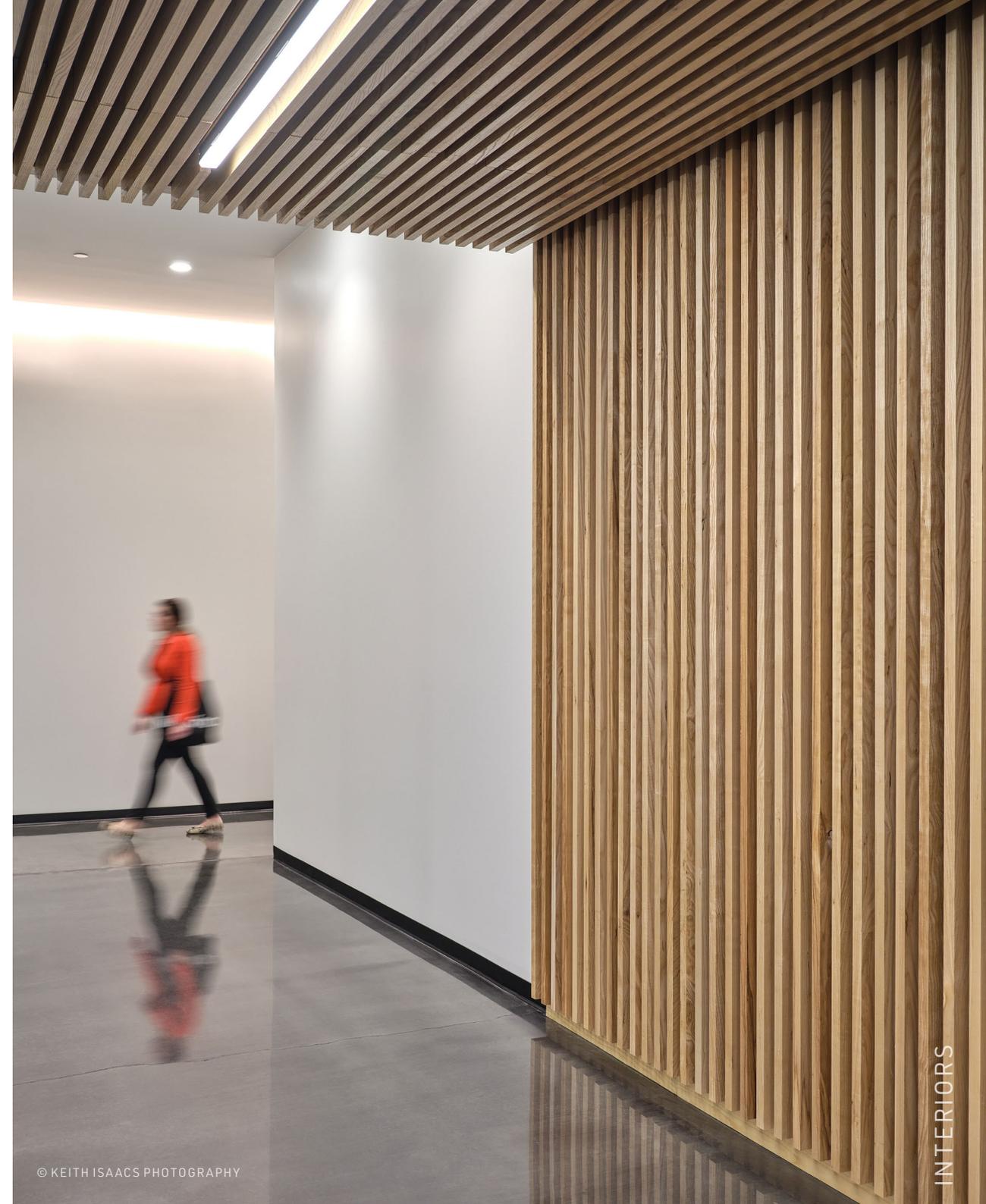
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INTERIORS



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The interior material palette is primarily neutral tones including the polished concrete floors. Warm wood tones and the client's primary brand color serve as a means of wayfinding guiding occupants through the space and marking the important communal gathering spaces throughout.

The shared spaces and circulation zones continue the theme of engaging environments and a variety of settings. As the company will grow and evolve, the flexible settings will adapt to the different work methodologies and tasks at hand.



SECOND FLOOR

