

IRVINE, CA

CALIFORNIA MASONRY SUMMIT & EXPO

APRIL 30, 2026

Welcome!

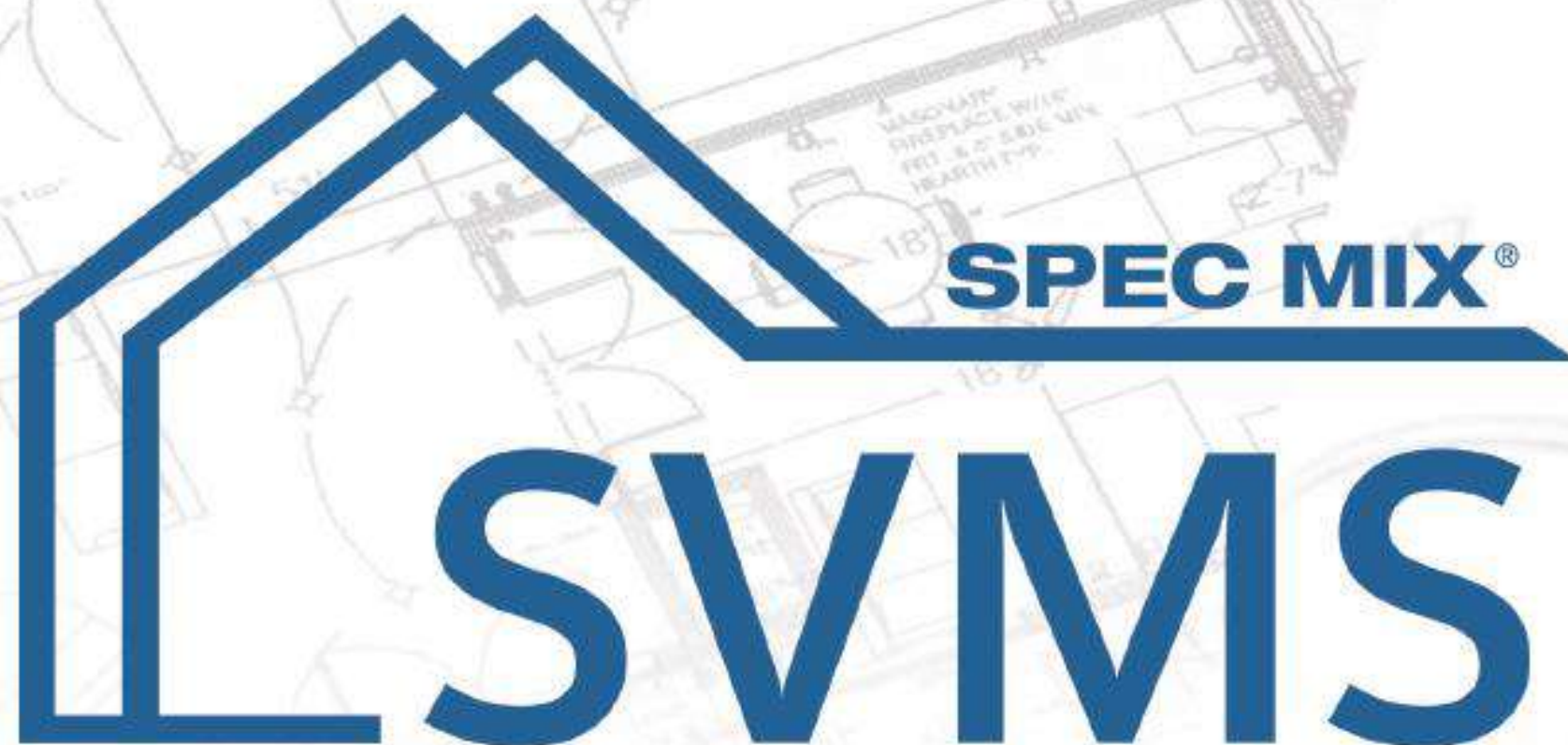
www.CaliforniaMasonryCouncil.org





E-Z MIX INC.

proudly introduces



STONE VENEER MORTAR SYSTEM
AN INDUSTRY LEADING WARRANTY FOR ADHERED VENEER

The Proven and Trusted Adhered Veneer System for Architects and Contractors



SPEC MIX® SVMS BONDING MORTARS

SVMS BONDING MORTARS	 SVM	 SVM 300	 SVM 500
Polymer Level			
Modified	■		
High-Performance Modified		■	
Extreme-Performance Modified			■
Test Standards			
ANSI A118.4	■	■	■
ANSI A118.11		■	■
ANSI A118.15			■
Area of use			
Natural Stone	■	■	■
Thin Brick	■	■	■
Manufactured Masonry Veneers (Including heavy or large format) ³	■	■	■
Most Tile		■	■
Substrates			
Stucco Brown Coat	■	■	■
CMU and Masonry	■	■	■
Portland Cement Mortar Beds	■	■	■
Cement Backer Units	■	■	■
Bricks	■	■	■
Poured-In-Place and Tilt-Up Concrete ¹		■	■
Exterior Grade Plywood ²		■	■
Gypsum Sheathing ²		■	■
Over Membranes			■
Submerged Applications			■

Select the Appropriate Bond Strength and Sand Blend for Specific Adhered Veneer Installations

SPEC MIX® SVMS Bonding Mortars provide a versatile range of polymer-modified mortars and sand blends, giving applicators and design professionals the flexibility needed for a wide range of adhered veneer installations.

Performance

All SPEC MIX® SVMS Bonding Mortars incorporate polymer-modified additives to enhance mortar performance. The product line includes three bonding mortar tiers that meet or exceed ANSI A118 testing standards:

SVM – Modified

Exceeds ASTM C270, TMS 402/602-22
shear strength, and
ANSI A118.4 requirements

SVM 300 – High Performance

Exceeds ASTM C270, TMS 402/602-22
shear strength, and ANSI A118.4 and
ANSI A118.11 requirements

SVM 500 – Extreme Performance

Exceeds ASTM C270, TMS 402/602-22
shear strength, and ANSI A118.4,
ANSI A118.11, and
ANSI A118.15 requirements

Sand Type

SPEC MIX® SVMS Bonding Mortars are available in two sand blends:

- **Standard** – Coarse, medium-thick bed sand conforming to ASTM C144
- **Fine** – Similar to thin-set mortars; used in veneer applications requiring reduced bed thickness



Polymer-modified system for adhered veneer

For stone, thin brick, planks and tile

Stronger bond and better durability

Supports TMS 402/602-22 and ANSI requirements

SVMS Warranty System

Specify the system. Protect the veneer. Back it with the warranty.

It is a system—not just another bonding mortar.



SPEC MIX® SVMS – STONE VENEER MORTAR SYSTEM



The Proven and Trusted Adhered Veneer System for Architects and Contractors

Formulated for Strength, Durability, Superior Bonding:

SPEC MIX® Polymer-Modified Stone Veneer Mortars (SVMS) provide exceptional bond strength, excellent workability, enhanced resistance to moisture intrusion and efflorescence, making SVMS the preferred bonding mortars for adhered veneer installations.

Designed for a Wide Range of Veneer Installations:

- Natural Stone
- Manufactured Stone Veneer
- Dry Stack
- Thin Brick
- Planks and Tiles

Developed for architects and contractors, SPEC MIX® SVMS addresses the industry's evolving demands by delivering exceptional bond strength, advanced sag resistance, and verified compliance with The Masonry Society (TMS) 402/602-22, ANSI A118.4, ANSI A118.11, and ANSI A118.15 shear bond requirements.

Unmatched Performance & Reliability

Unlike traditional masonry mortars that rely solely on mechanical bonding, SPEC MIX® SVMS combines mechanical and chemical bonding to significantly increase adhesion to concrete, masonry, properly prepared wood, metal studs, and rigid insulation substrates. Its advanced polymer-modified formula chemically reacts with both the veneer unit and substrate, forming a molecular bond for long-lasting durability and reduced risk of failure.

Industry-Leading Warranty for Peace of Mind

A key advantage of SPEC MIX® SVMS is its industry-leading warranty, providing comprehensive coverage from the brown coat to the veneer. This seamless integration within the SVMS wall system ensures a durable and reliable installation.

SPEC MIX® SVMS provides exceptional bond strength, advanced durability, and industry-leading warranty coverage, making it the proven and trusted choice for architects and contractors seeking high-quality adhered veneer wall systems.

Specify with SPEC MIX® SVMS for proven results. Learn more at www.ezmixinc.com/SVMS



SPEC MIX® SVMS WALL SYSTEM WARRANTIES

Warranty coverage follows the full assembly:

Approved substrate

Barrier / weather-resistive layers

Base coat or scratch & brown fibered

SVMS mortar + veneer + grout / sealant

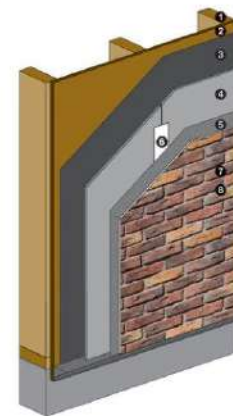
Specify it complete. Install it complete.



ADDITIONAL SPEC MIX® SVMS WALL SYSTEM WARRANTIES

SPEC MIX® SVMS offers one of the industry's leading warranties for adhered veneer wall systems. Mortars are used over other approved alternative wall assemblies. Concrete, cement board, brick, and tilt-up or poured-in-place concrete.

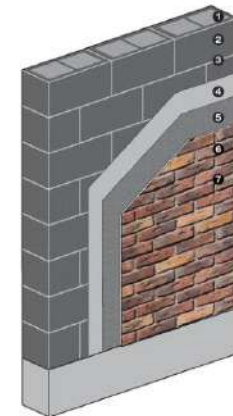
Approved Cement Board Wall System Warranty



- 1 - Wood or Steel Framing – Code-compliant
 - 2 - Exterior Sheathing – Code-compliant product
 - 3 - Air and Water Barrier – Code-compliant, meeting ICC-ES AC208 requirements by alternate supplier¹
 - 4 - Exterior Veneer Approved Board – Code-compliant product
 - 5 - SPEC MIX® SVM, SVM 300, SVM 500 fin
 - 6 - SPEC MIX® SVM, SVM 300, SVM 500 fin
 - 7 - Control Joint Treatment – Code-compliant
 - 8 - Adhered Veneer – Code-compliant product
 - 9 - SPEC MIX® Mortar for Grouting Joints and SVMS Adhesive Sealant
- Mortar Options:
SPEC MIX® Type S / SPEC MIX® IWR Type



CMU, Tilt-Up, and Poured-in-Place Wall System Warranty



- 1 - PMP Spec Concrete 3000 or PMP Grout
 - 2 - CMU, Tilt-Up, and Poured-in-Place*
 - 3 - SPEC MIX® Mortar for bedding CMU
 - 4 - SPEC MIX® SVM, SVM 300, SVM 500 sk
 - 5 - SPEC MIX® SVM, SVM 300, SVM 500 Bc
 - 6 - Adhered Veneer – Code-compliant product
 - 7 - SPEC MIX® Mortar for Grouting Joints and SVMS Adhesive Sealant
- Mortar Options:
SPEC MIX® Type S or M / SPEC MIX® IWR



¹Using Angelus Block Co., Inc., CMU qualifies for an additional ten-year limited warranty. This extension is in footnotes 1 or 2.
²NOTE: All substrates must be free of oil, paint, release agents, dirt, or any material considered a bond breaker. This blasting is required. Pressure washing is not acceptable.

AN INDUSTRY LEADING WARRANTY FOR

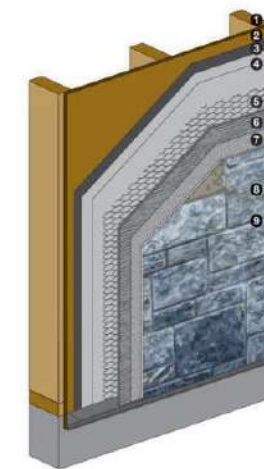


SPEC MIX® SVMS WALL SYSTEM WARRANTIES (DETAILED DRAWINGS)

SPEC MIX® SVMS Bonding Mortars, SPEC MIX® Type S and Type M Mortars, and SPEC MIX® Scratch and Brown Fibered work together as part of a high-performance system that qualifies for extended wall system warranties.

These diagrams illustrate proper product placement for adhered veneer installations. All SPEC MIX® components must be installed per local building codes and applicable ASTM and ANSI standards. Warranty coverage depends on the combination of SPEC MIX® products used. Refer to page 19 for more industry guidance on proper veneer installation.

SPEC MIX® SVMS over Spec Mix Scratch and Brown Fibered Wall System Warranty

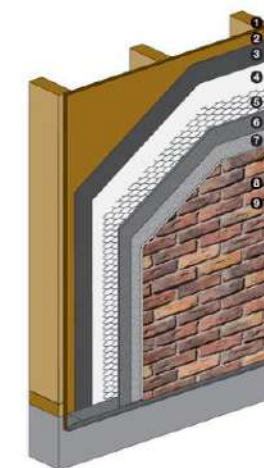


- 1 - Wood or Steel Framing – Code-compliant product by alternate supplier
- 2 - Exterior Sheathing – Code-compliant product by alternate supplier
- 3 - Air and Water Barrier – Code-compliant, meeting ICC-ES AC212 requirements by alternate supplier¹
- 4 - Secondary Weather-Resistant Barrier – Two Layers, code-compliant product by alternate supplier
- 5 - Lath – Code-compliant product by alternate supplier
- 6 - SPEC MIX® Scratch and Brown Fibered²
- 7 - SPEC MIX® SVM, SVM 300, SVM 500 Bonding Mortar
- 8 - Adhered Veneer – Code-compliant product by alternate supplier
- 9 - SPEC MIX® Mortar for Grouting Joints and SVMS Adhesive Sealant

Mortar Options:
SPEC MIX® Type S / SPEC MIX® IWR Type S / SPEC MIX® LR or LR Plus Type S



SPEC MIX® SVMS over Approved One Coat Wall System Warranty



- 1 - Wood or Steel Framing – Code-compliant product by alternate supplier
- 2 - Exterior Sheathing – Code-compliant product by alternate supplier
- 3 - Air and Water Barrier – Code-compliant, meeting ICC-ES AC212 requirements by alternate supplier¹
- 4 - Foam Sheathing – Code-compliant product by alternate supplier
- 5 - Lath – Code-compliant product by alternate supplier
- 6 - Approved One Coat Base Coat^{2,3}
- 7 - SPEC MIX® SVM, SVM 300, SVM 500 Bonding Mortar
- 8 - Adhered Veneer – Code-compliant product by alternate supplier
- 9 - SPEC MIX® Mortar for Grouting Joints and SVMS Adhesive Sealant

Mortar Options:
SPEC MIX® Type S / SPEC MIX® IWR Type S / SPEC MIX® LR or LR Plus Type S



¹Use of a code-compliant and approved water and air barrier, meeting ICC-ES AC212 requirements and provided by alternate supplier, qualifies for an additional five-year limited warranty.
²PMP Concrete Boulder & Fortifier Admixture may be used to improve base coat tensile and flexural strength. Using PMP Concrete Boulder & Fortifier Admixture qualifies for an additional five-year limited warranty.
³For Approved One Coat Base Coat, please contact E-Z Mix Technical Support: techsupport@ezmixinc.com



SPEC MIX® SVM SYSTEM LIMITED WARRANTY

15 / 20 / 25 years

Over scratch & brown fibered or approved one-coat systems

5 / 10 / 15 years

Over non-approved substrates

Up to +10 years

With qualifying extensions

Qualifying extensions shown in the brochure:

Approved water / air barrier

PMP Acrylic Concrete Bonder & Fortifier Admix



SPEC MIX® SVM SYSTEM LIMITED WARRANTY

E-Z Mix strongly stands by the reliability and performance of the products we manufacture, and therefore, E-Z Mix provides the following limited warranty for our SPEC MIX® SVM System subject to the terms, conditions, and limitations set forth herein:

Covered Products:

This Limited Warranty applies to the following products (the “Covered Products”) for the following time periods:

SPEC MIX® SVM System Products	Years of Limited Warranty
SPEC MIX® SVM Coarse / Fine Over SPEC MIX® Scratch & Brown Fibered ^{1,2}	15
SPEC MIX® SVM 300 Coarse / Fine Over SPEC MIX® Scratch & Brown Fibered ^{1,2}	20
SPEC MIX® SVM 500 Coarse / Fine Over SPEC MIX® Scratch & Brown Fibered ^{1,2}	25
SPEC MIX® TS Platinum Over SPEC MIX® Scratch & Brown Fibered ^{1,2}	25
SPEC MIX® SVM Coarse / Fine Over Approved One Coat ^{1,2,3}	15
SPEC MIX® SVM 300 Coarse / Fine Over Approved One Coat ^{1,2,3}	20
SPEC MIX® SVM 500 Coarse / Fine Over Approved One Coat ^{1,2,3}	25
SPEC MIX® TS Platinum Over Approved One Coat ^{1,2,3}	25
SPEC MIX® SVM Coarse / Fine Over Non-Approved Substrates ⁴	5
SPEC MIX® SVM 300 Coarse / Fine Over Non-Approved Substrates ⁴	10
SPEC MIX® SVM 500 Coarse / Fine Over Non-Approved Substrates ⁴	15
SPEC MIX® TS Platinum Over Non-Approved Substrates ⁴	15

E-Z Mix offers extended Limited Warranty coverage – up to an **additional five-years** – when the following components are used in conjunction with the Covered Products. These extensions may be combined, allowing for a **maximum total extension of up to ten-years** when multiple qualifying components (such as footnotes¹ and²) are used together.

¹ *Water and Air Barrier* – Use of a code-compliant and approved water and air barrier meeting ICC-ES AC212 requirements qualifies for an additional five-year warranty.

² *PMP Acrylic Concrete Bonder & Fortifier Admix* – When used in accordance with manufacturer guidelines and with an approved One Coat Base Coat or SPEC MIX® Scratch & Brown Fibered qualifies for an additional five-year warranty.

³ *Approved One Coat Base Coat*, please contact E-Z Mix Technical Support: tech.support@ezmixinc.com

⁴ Code-compliant and properly installed lath, fasteners, control joints, and flashing, along with properly prepared substrates – including but not limited to CMU, cement backer board, and poured-in-place concrete – are required for warranty compliance.

⁵ *Angelus Block CMU* – Use of Angelus Block Co., Inc., concrete masonry unit as the substrate qualifies for an **additional ten-year warranty**. This extension is independent and cannot be combined with coverage offered by components noted in footnotes¹ or². Referenced on page 11.

For exact and requisite details of our full SPEC MIX® SVM System Limited Warranty program, please refer to our E-Z Mix website at www.ezmixinc.com/SVMS.



KEY TAKEAWAYS

SVMS sells confidence.

Architects specify the full assembly.

Masons install the full assembly.

That is what turns a veneer package into a warranty package.



Specify SVMS as a system. Build it to the details. Protect the warranty.

APRIL 30, 2026 @ IRVINE, CA

DESIGN-BUILD PANEL

Thank you to our Session Sponsor!



E-Z MIX INC.

www.CaliforniaMasonryCouncil.org



JESSICA JENSEN

DBIA – Design Manager @
McCarthy Building Companies



JEANNE CHEN

FAIA – Principal @ Moore Ruble
Yudell Architects & Planners



JOSE FELSMANN

Director of Business Development @
Southland Industries – Board Member
@ DBIA Western Pacific Region



ANDREW RUNNOE

PE, SE – Discipline Manager,
Structural Engineering @
Coffman Engineers



Award-winning Architecture

**#masonry
matters**

UC Riverside School of Business



McCarthy Building Companies | **moore ruble yudell** architects & planners | Coffman Engineers

Why this Team, Why Design-Build

“Shared vision, proven trust, and the ability to challenge each other.”

Aligned from Day One

Proven Higher-Education Partners

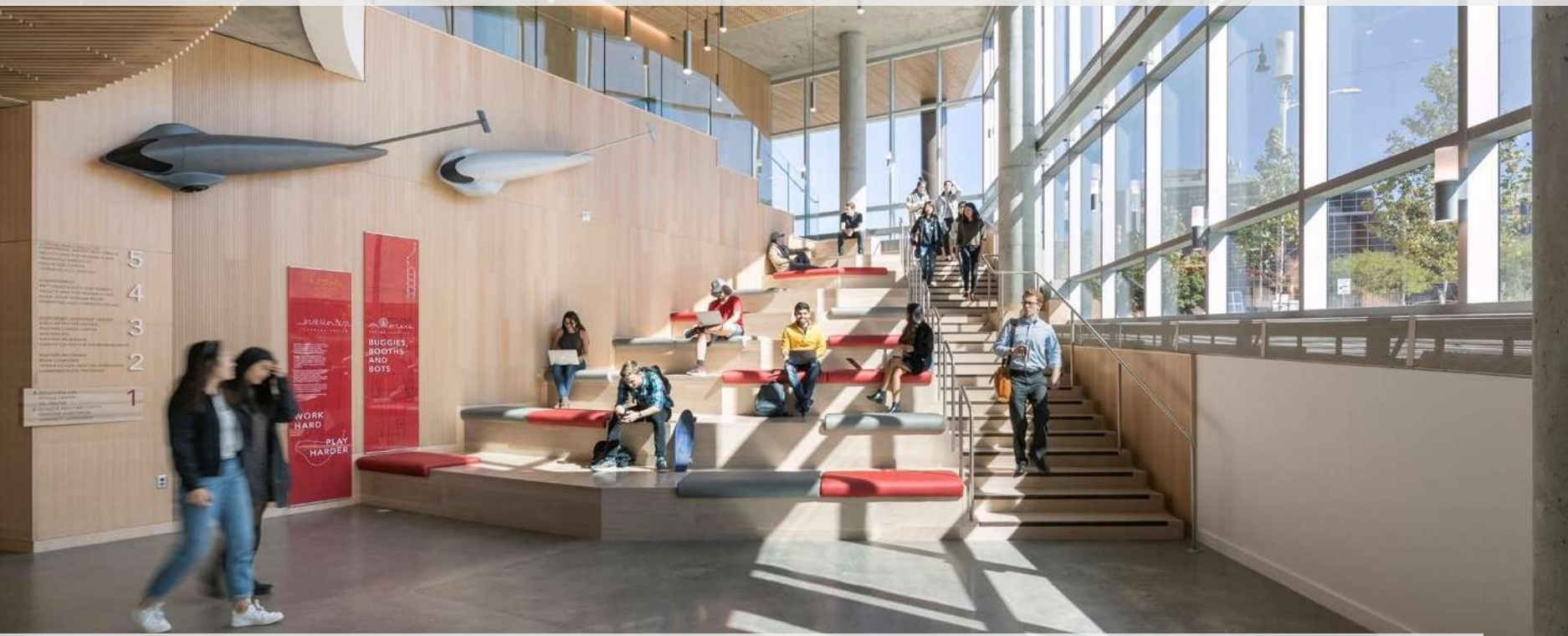
Built on Trust + Experience

True Design-Build Mindset

Willing to Challenge the Design



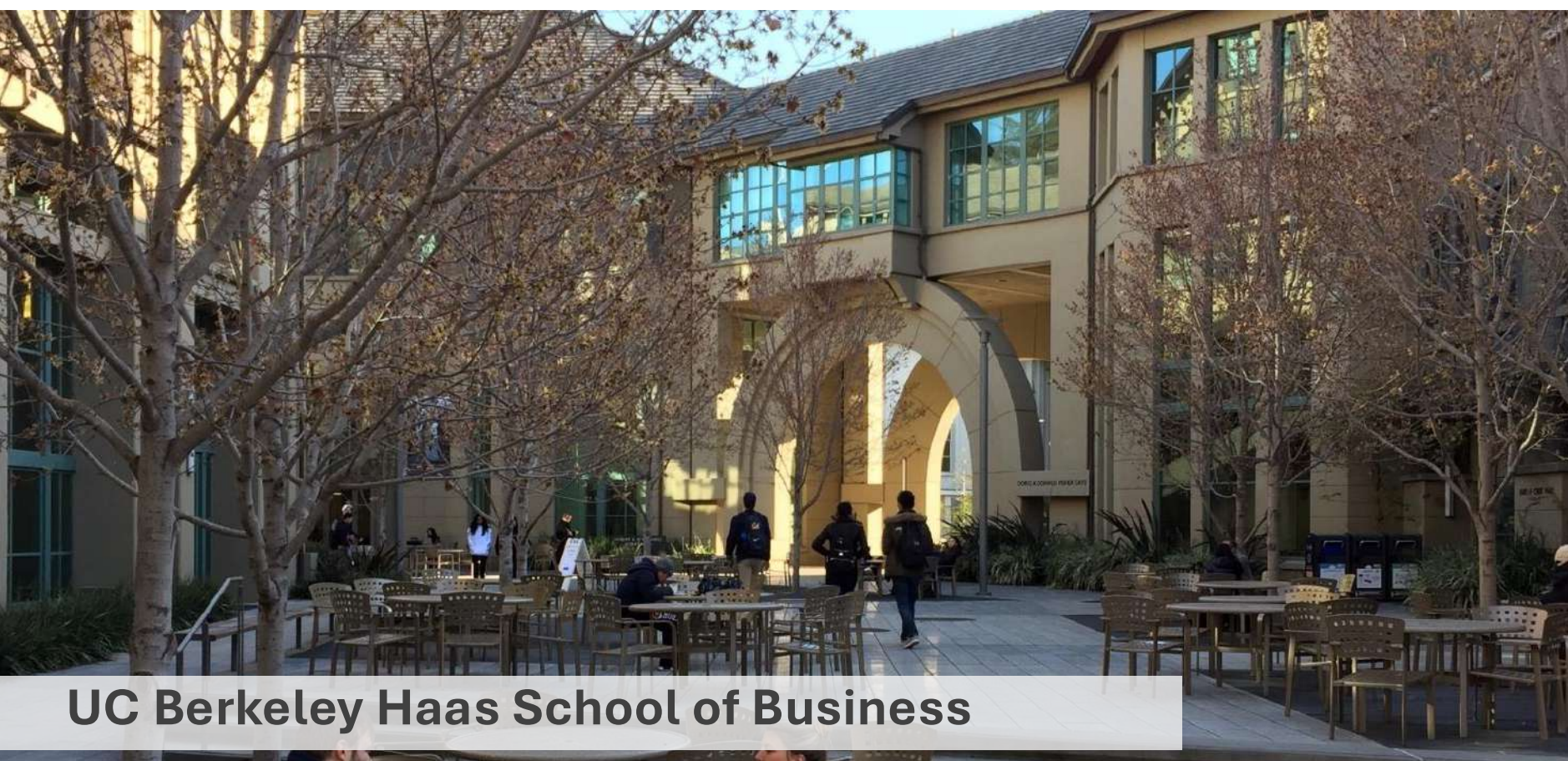
Business School Experience



Carnegie Mellon University Tepper School of Business



UC Riverside School of Business



UC Berkeley Haas School of Business



MIT Sloan School of Management

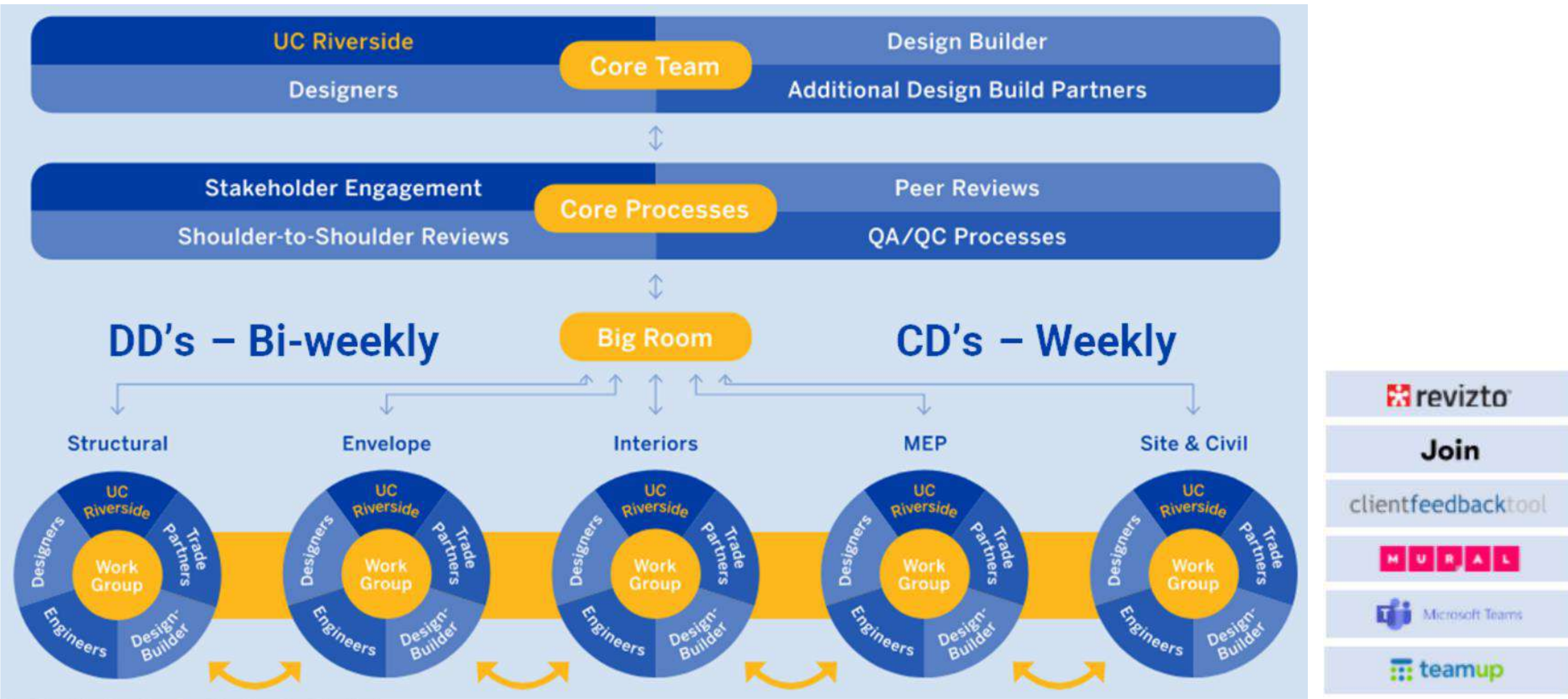
Why it had to be Design Build

“Speed demanded alignment. Design-build delivered it.”



Design Integration in Action

“Where design vision meets real-world execution.”



What Made this Project Successful

“Success came from how the team worked, not just what we built.”



FOSTER A
COLLABORATIVE
CULTURE



ENCOURAGE
STUDENT, ALUMNI,
FACULTY, &
VISITOR
ENGAGEMENT



ESTABLISH
VISIBILITY &
IDENTITY



DESIGN FOR THE
FUTURE



PROMOTE A
VISION OF
EXCELLENCE



PROVIDE A
WELCOMING
ENVIRONMENT

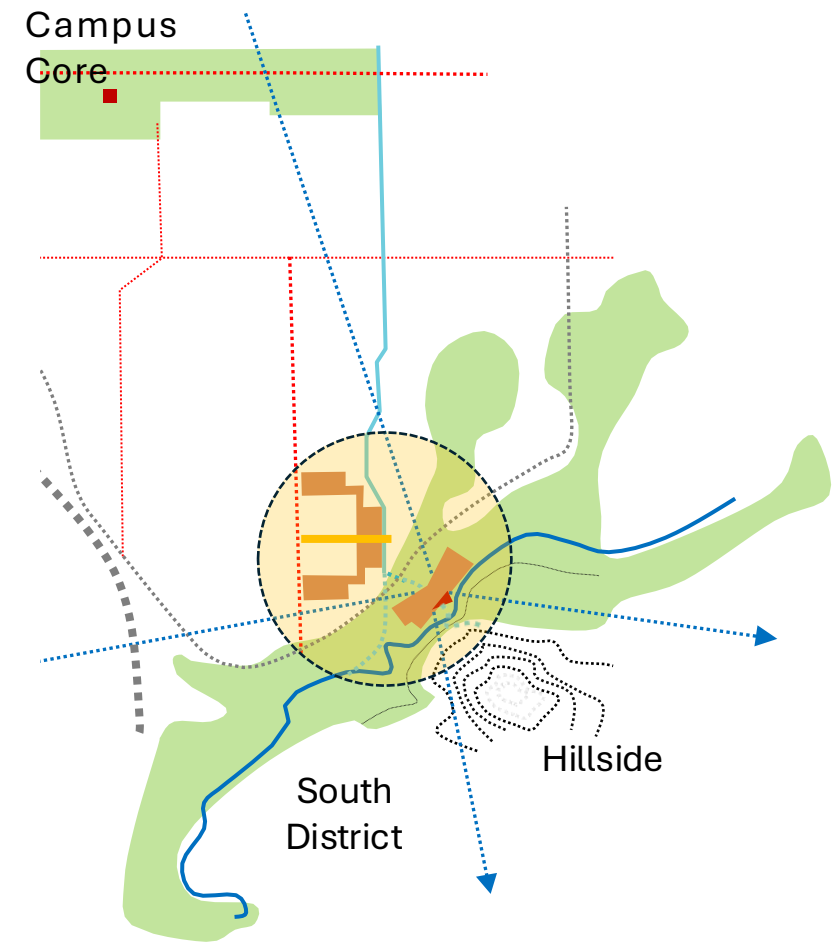
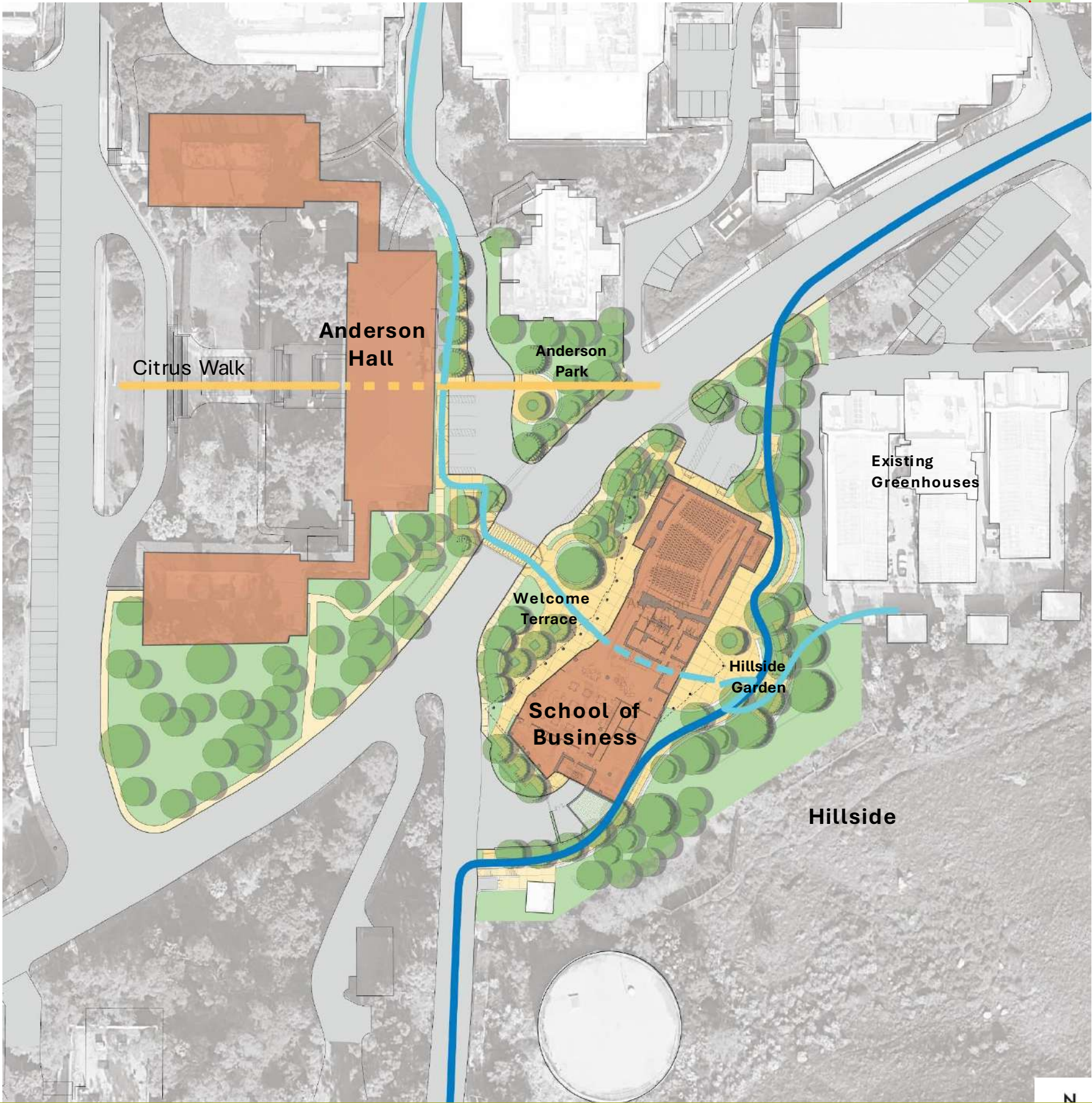




UC Riverside School of Business Building

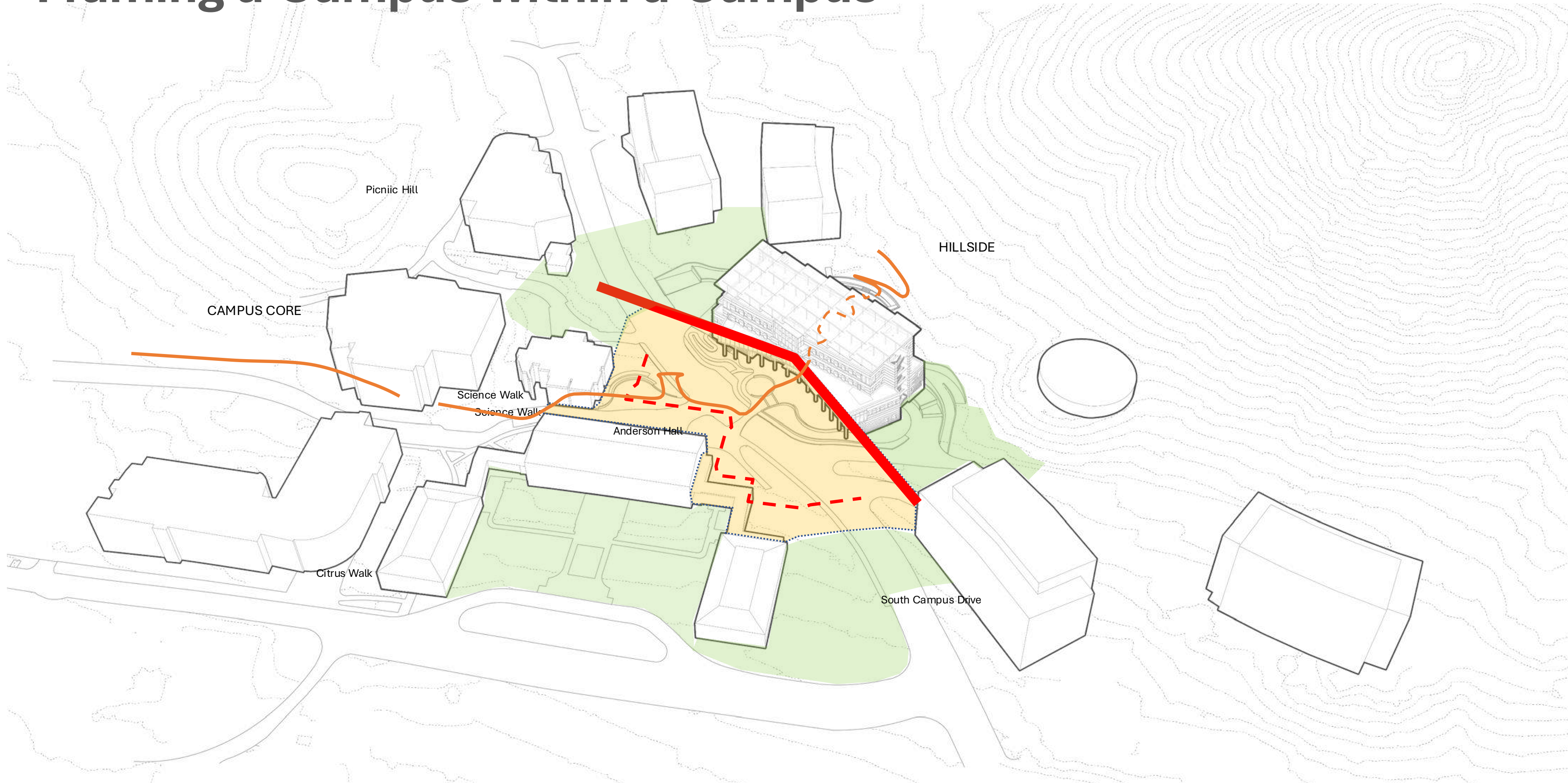
McCarthy Building Companies | moore ruble yudell architects & planners | Coffman Engineers

Site Plan: Creating Campus Connectivity

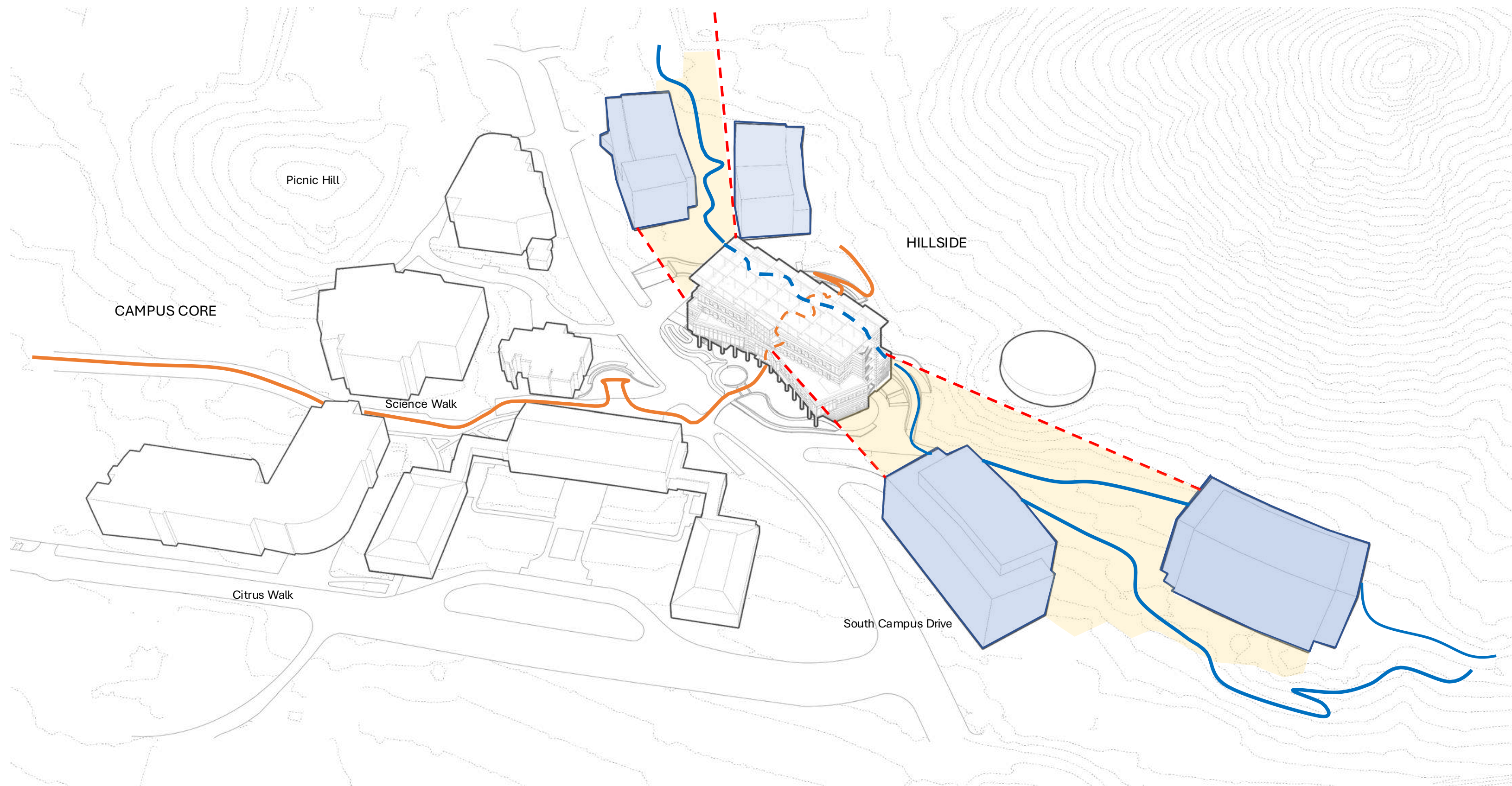


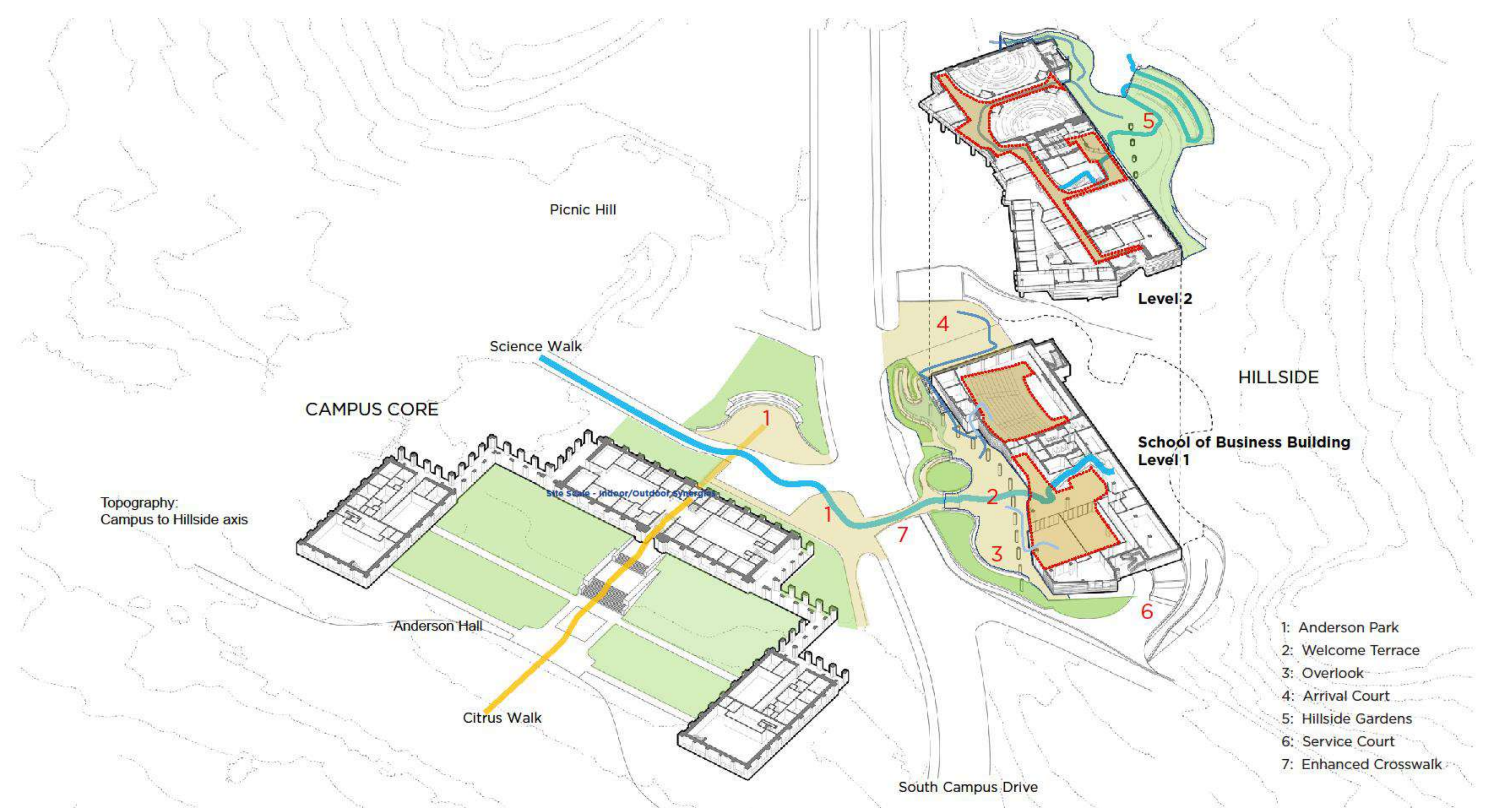
Enhancing Visibility & Identity

Framing a Campus within a Campus



South Campus Gateway





Topography:
Campus to Hillside axis

CAMPUS CORE

Picnic Hill

Science Walk

Anderson Hall

Citrus Walk

Site Scale - Indoor/Outdoor Synergies

South Campus Drive

Level 2

HILLSIDE

School of Business Building
Level 1

- 1: Anderson Park
- 2: Welcome Terrace
- 3: Overlook
- 4: Arrival Court
- 5: Hillside Gardens
- 6: Service Court
- 7: Enhanced Crosswalk

Connecting Place & People



Hillside Gardens

Welcome Terrace

Overlook

Enhanced Crosswalk

Anderson Park



Inspired by Campus Heritage



Themes & Materials



Entry arcade, glassy bays and photovoltaics crate iconic identity



Architectural concrete, bays, metal sunshades and photovoltaics create a rich palette



Shading elements, brick detailing, bays and photovoltaics create syncopation without added ornamentation



Building steps down and angles in harmony with natural topography

Welcoming Open Arms





New Home for Business Students



Movement Engages Community



A central pathway naturally guides movement and views up through the open lobby and out to the Hillside Gardens on Level 2.

Authentic Expression





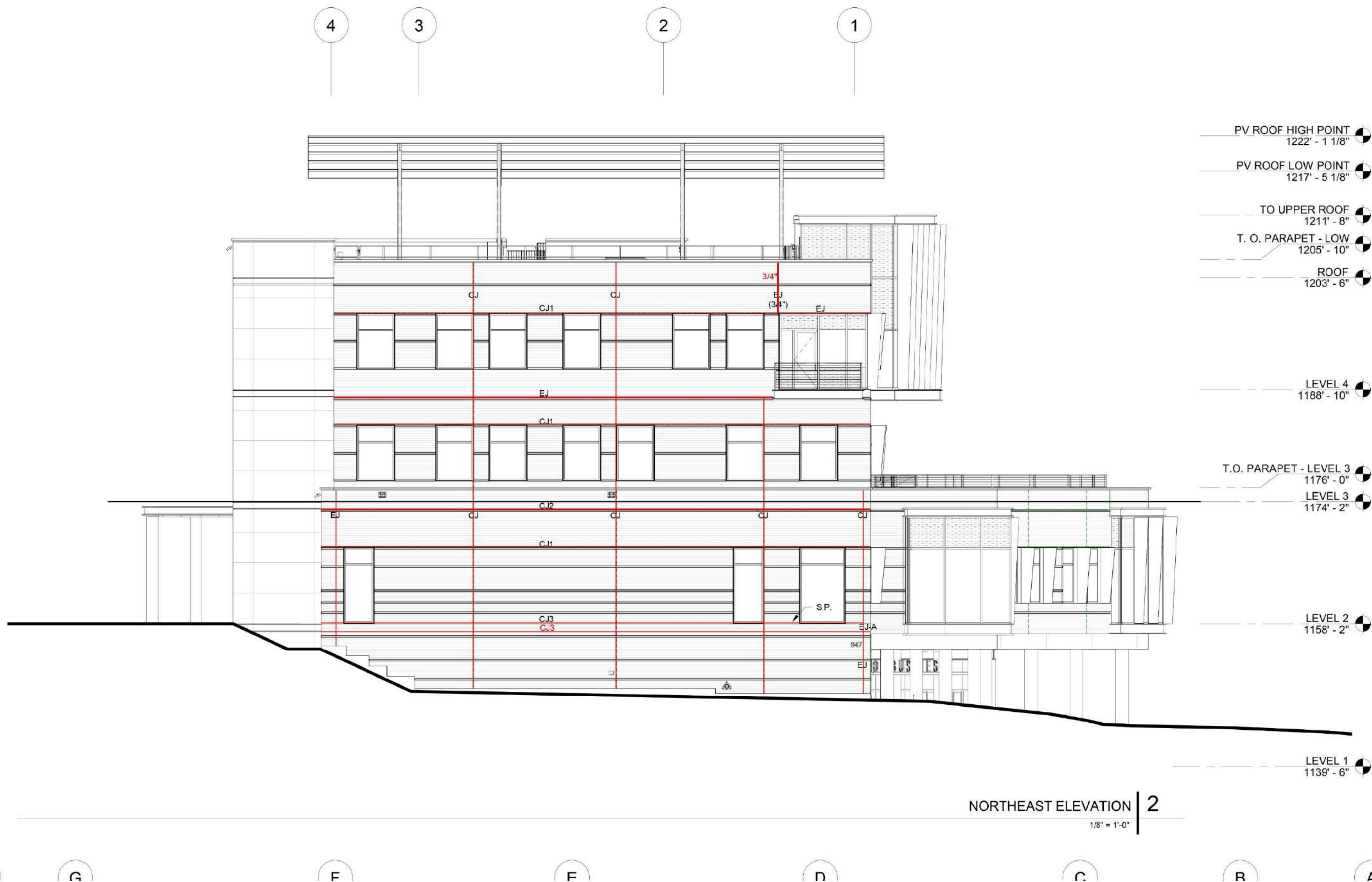
Expanding Programmatic Space and Community



Group Study Room



Hillside Garden



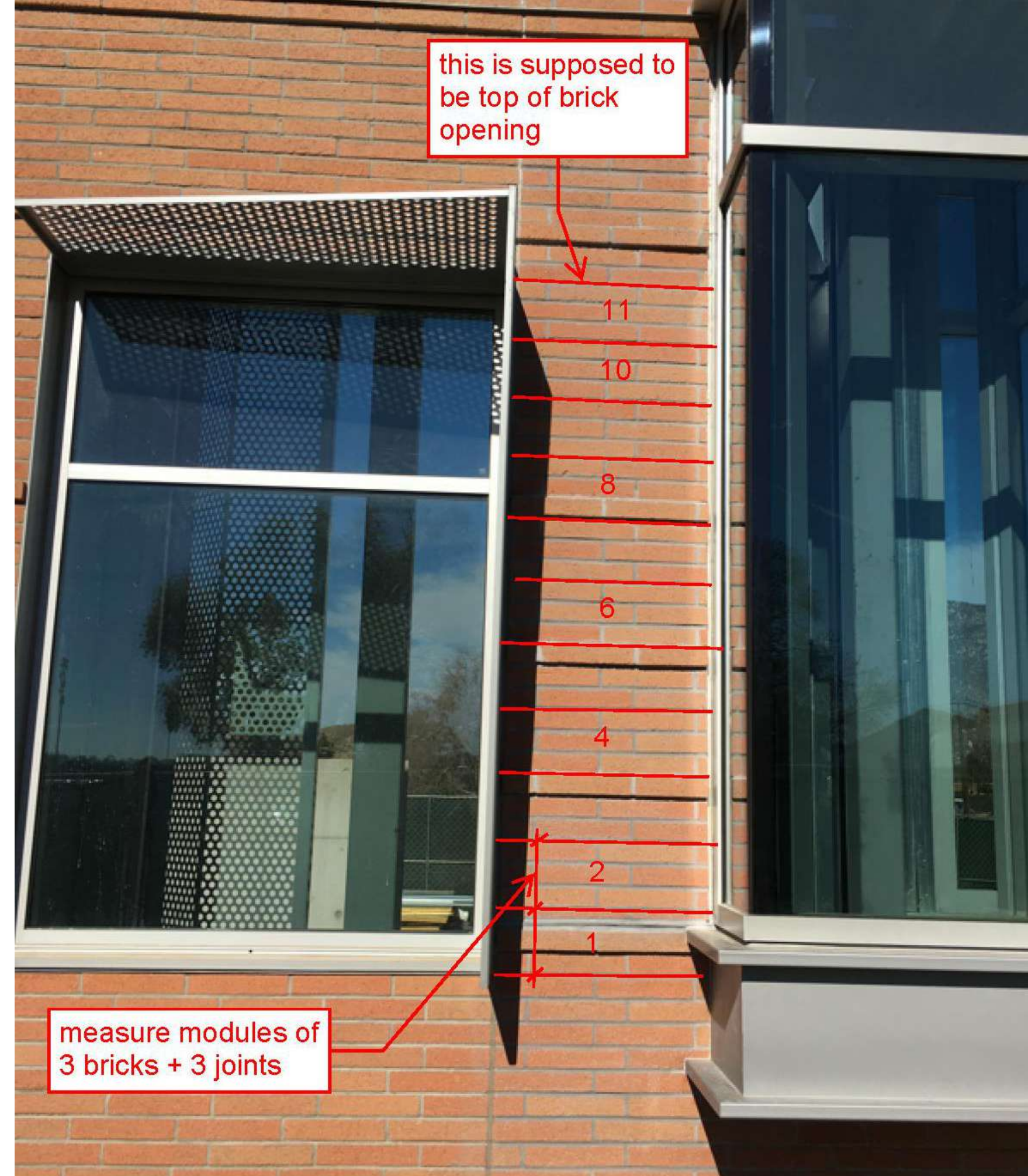
EXTERIOR ELEVATION LEGEND

	THIN BRICK, NORMAN, IN CAMPUS RUFFLE BLEND, WITH PROJECTING BRICK BANDS
	FRIT GLASS
	SPANDREL GLASS
	METAL SCREEN AT STAIRS
	WINDOW / CURTAINWALL TYPE, SEE WINDOW / CURTAINWALL TYPES INFO ON SHEETS A4.10 - A4.12
	FACADE EXPANSION JOINT, SEE DIAGRAM ON SHEET A8.15
	FACADE CONTROL JOINT, SEE SHEET A8.15
	BRICK COURSING START POINT--SEE A8.15 FOR DEFINITION
	BRICK PATTERN AT WINDOW OPENING, SEE SHEET A8.16

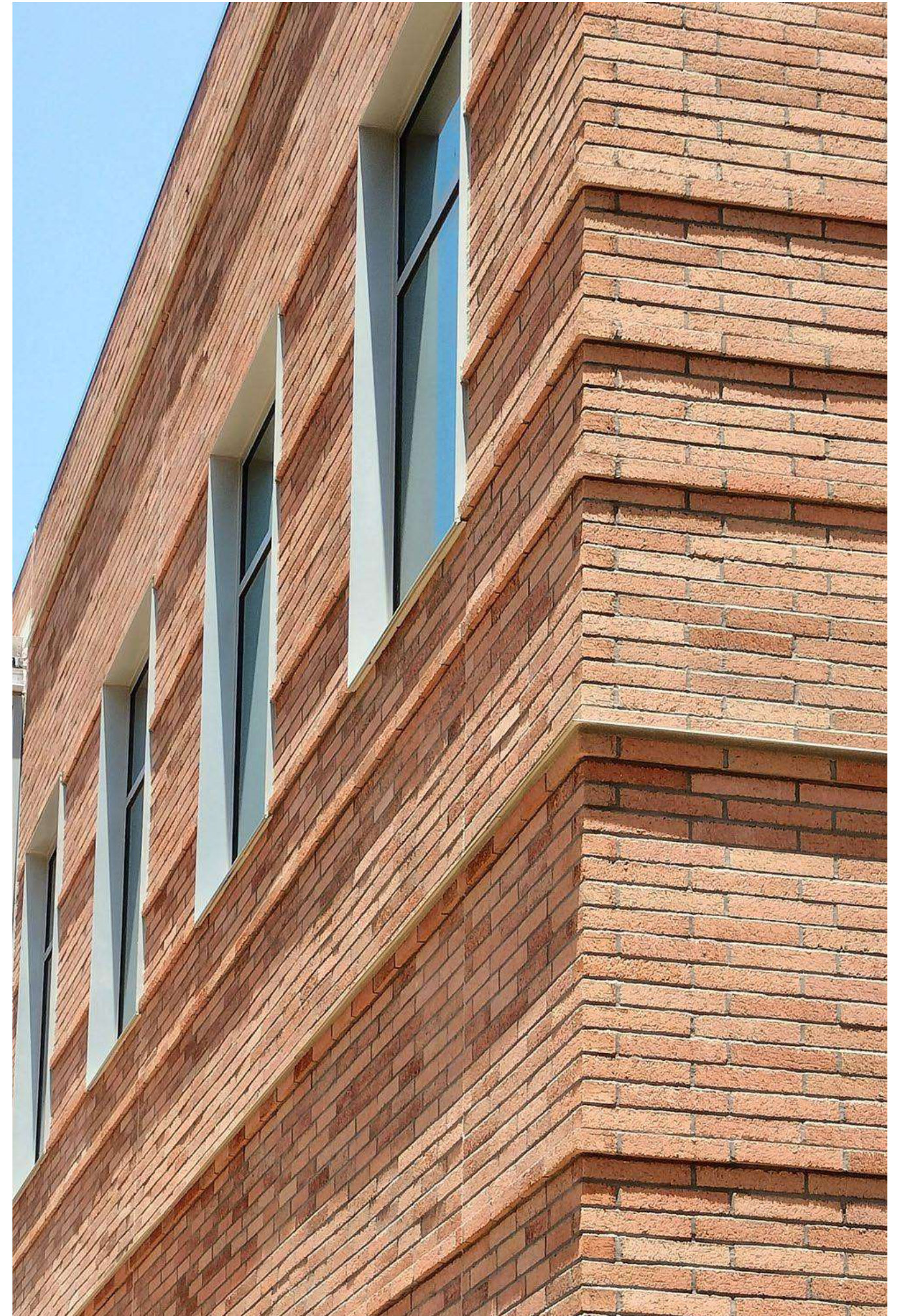
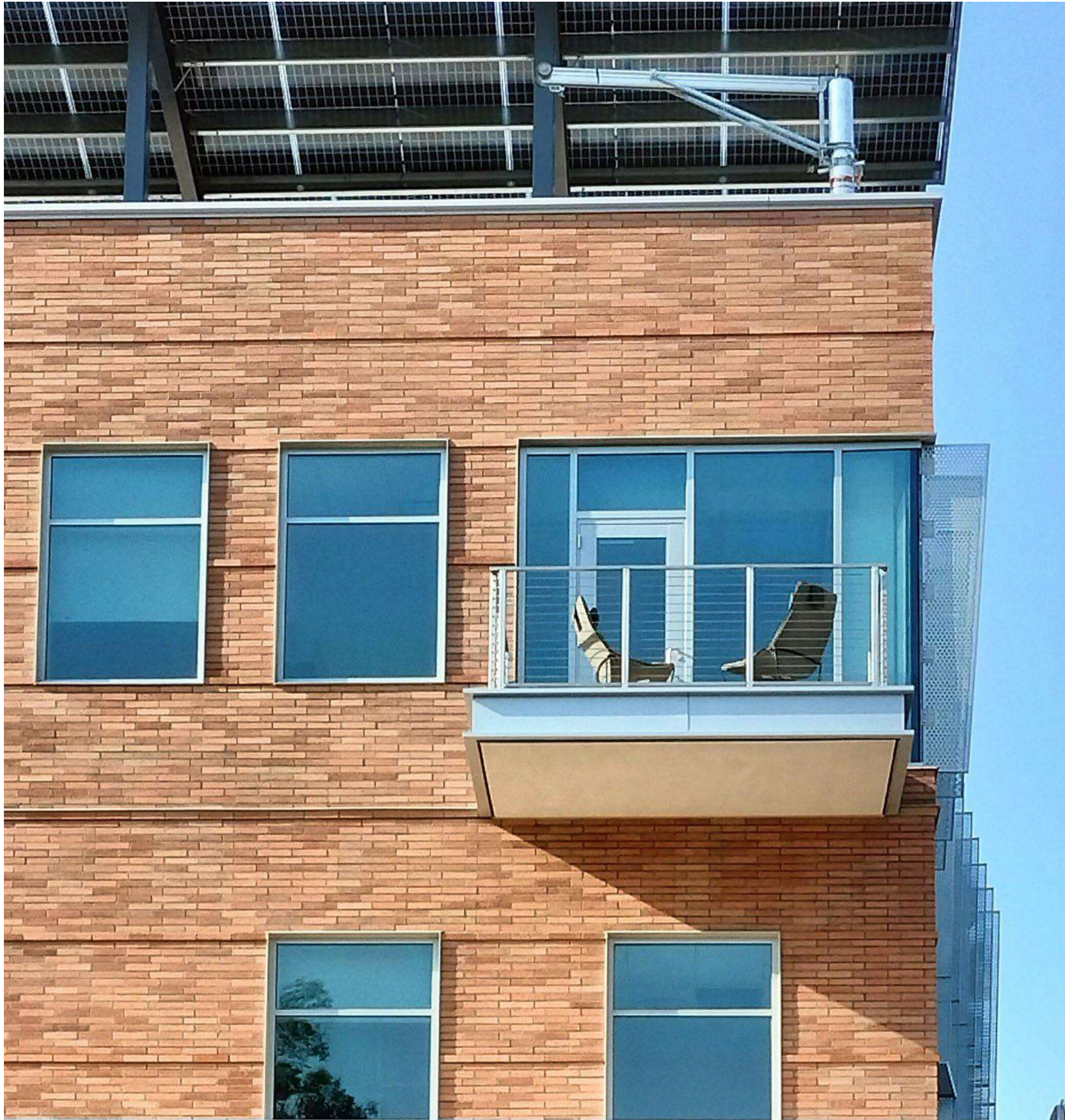
EXTERIOR ELEVATION NOTES

1. SEE PLAN SHEETS A2.1.XX FOR WALL SECTION REFERENCES.
2. SEE SHEET A8.15 FOR ENLARGED BRICK AND CONCRETE PATTERNS.
3. SEE SHEET A4.20 FOR MATERIALS BASIS-OF-DESIGN LIST.
4. SEE SHEETS A4.10 - A4.12 FOR WINDOW AND CURTAINWALL TYPES.
5. PROVIDE TEMPERED GLAZING WHERE REQUIRED BY CODE. SEE SHEETS A4.10 - A4.12 FOR LOCATIONS OF TEMPERED GLAZING.

KEYNOTES





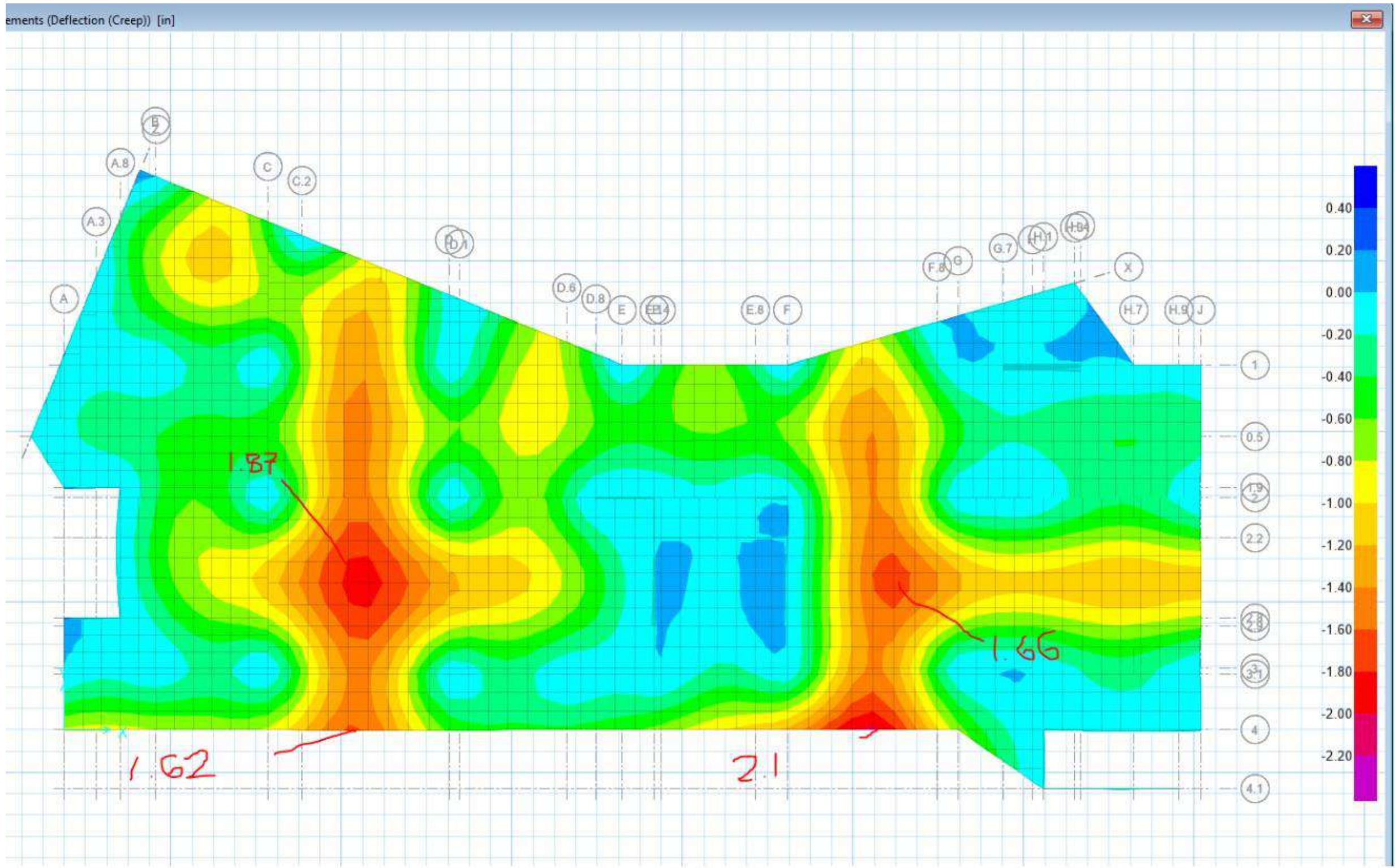


A Dynamic Hub for Campus and Community



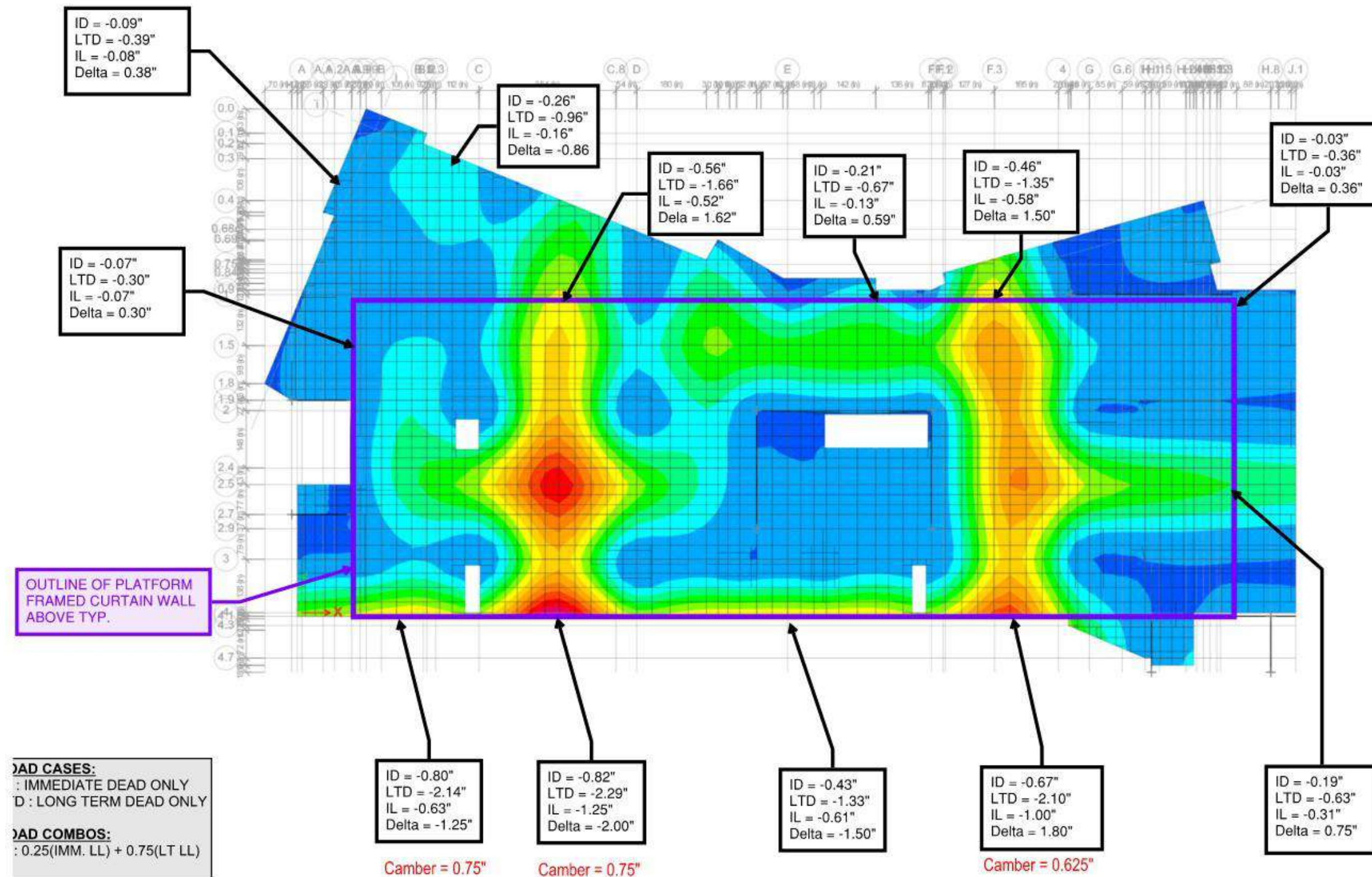
McCarthy Building Companies | **moore ruble yudell** architects & planners | Coffman Engineers

Vertical Deflection: Step 1 Heat Map

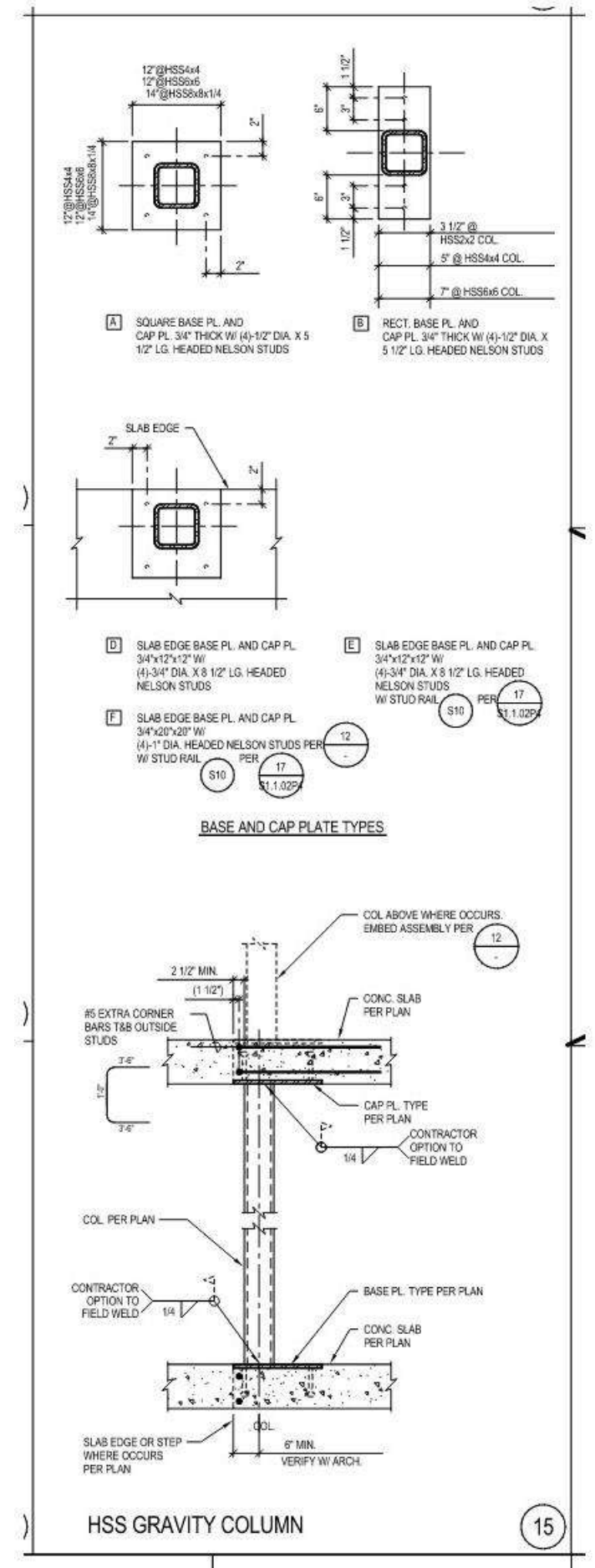
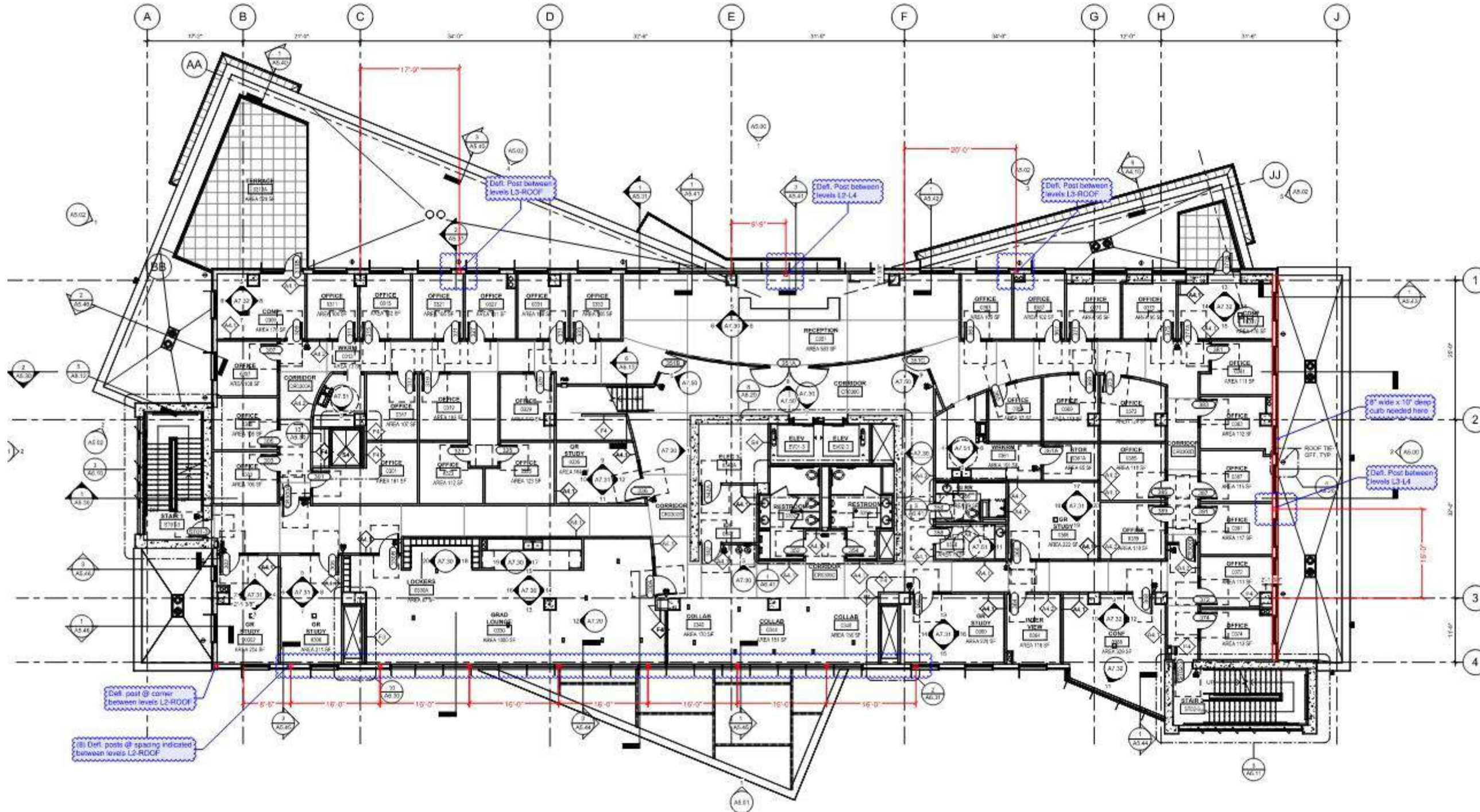


Vertical Deflection: Step 2 Architect Coordination

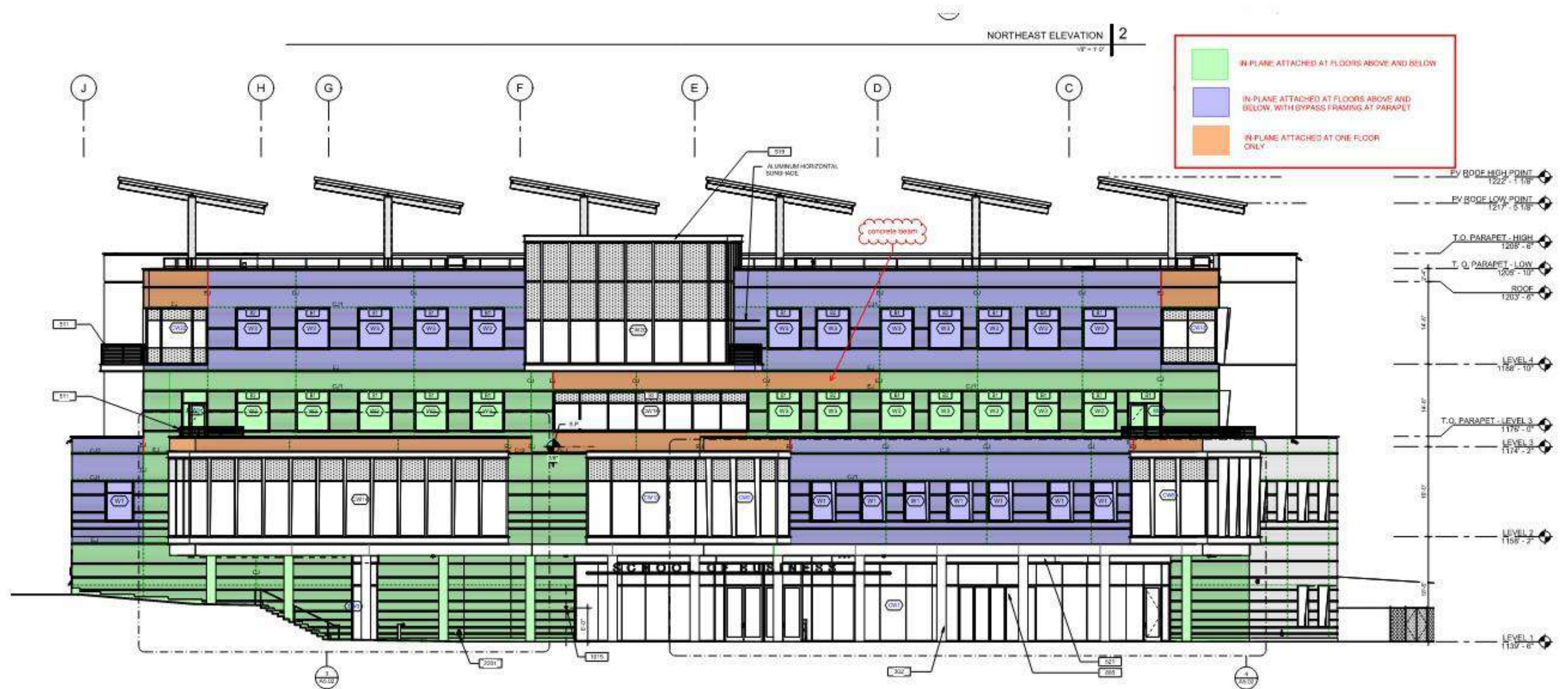
LEVEL 3 - DEFLECTION PLAN



Vertical Deflection: Step 3 Deflection Posts



Horizontal Deflection: Drift Joints



The required drifts at each floor are:

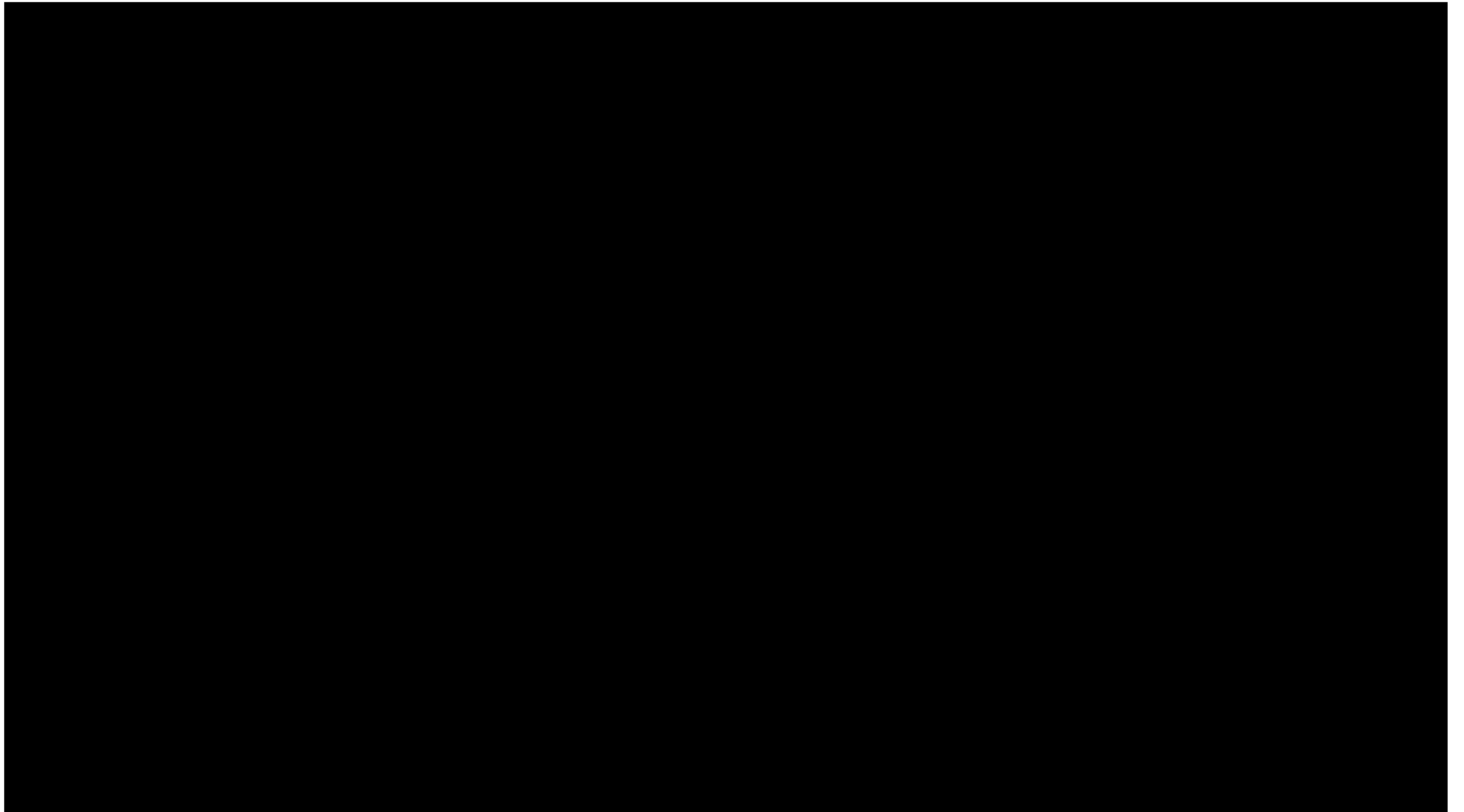
2nd Floor: $\frac{3}{4}$ "

3rd Floor: $\frac{1}{2}$ "

4th Floor: $1 \frac{1}{4}$ "

Roof: $1 \frac{1}{4}$ "





Join

6

UCR School of Business

Design Development

Costs

Items

Total \$

Estimate

Accepted Changes

Project Running Total

Gap

Budget

\$71,436,000

\$2,598,000

\$74,034,000

-\$682,000

\$73,352,000

Dashboard

Items

Milestones

Risk Register

Reports

Timeline

Scenarios

Settings

Team

McCarthy

Projects

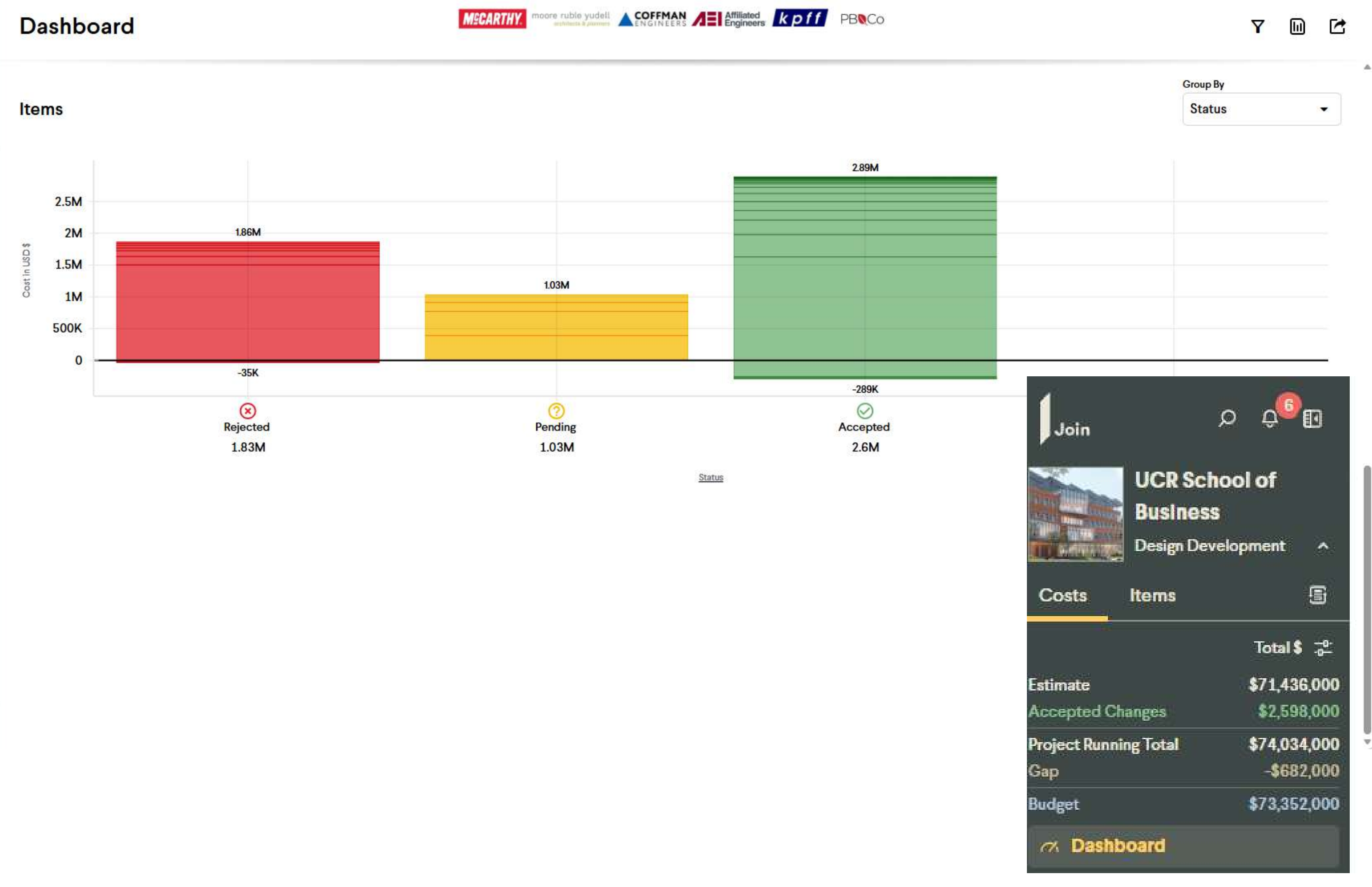
Item Library

Benchmarking

Insights

Jessica Jensen

?



Join

6

UCR School of Business

Design Development

Costs

Items

Total \$

Estimate

Accepted Changes

Project Running Total

Gap

Budget

\$71,436,000

\$2,598,000

\$74,034,000

-\$682,000

\$73,352,000

Dashboard

Join

6



UCR School of Business

Design Development

Costs

Items

Total \$

Estimate

Accepted Changes

Project Running Total

Gap

Budget

\$71,436,000

\$2,598,000

\$74,034,000

-\$682,000

\$73,352,000

Dashboard

Items

Milestones

Risk Register

Reports

Timeline

Scenarios

Settings

Team

McCarthy

Projects

Item Library

Benchmarking

Insights

Jessica Jensen

Items		Design Development	Milestone Report		Item Activity Feed		+ New Item			
Search item names; assignee: name; or due: mm/dd/yyyy to mm/dd/yyyy					Group By	Sort By				
					None	Item number				
>> 59 of 64 items and options shown, total: +\$3,536,000 to +\$3,800,000					Cost Impact	Schedule Impact				
		Creator: Gabriel Shimizu (02/14/2023) Last updated: 02/14/2023								
		#38: DI #97 - Genomics Shed - Replace (2) power poles and associated wiring Creator: Gabriel Shimizu (02/14/2023) Last updated: 02/14/2023			+\$12,000	=				
		#39: DI-95 - Fire Alarm Options Genomics Shed and Bio-control Shed Creator: Gabriel Shimizu (04/24/2023) Last updated: 04/24/2023			+\$23,000	=	GS			
		#40: DI-96 - Fire Alarm Options School of Business Building Creator: Gabriel Shimizu (04/24/2023) Last updated: 04/24/2023			+\$90,000	=	GS			
		#41: DI-107 - Donor Wall Information Creator: Gabriel Shimizu (04/24/2023) Last updated: 04/24/2023			+\$150,000	=	GS			
		#42: DI-109 - UCR Updated Campus Security Camera Standards Creator: Gabriel Shimizu (04/24/2023) Last updated: 04/26/2023			+\$17,000	=	GS			
		#43: COR-004 - Unforeseen Steam Line at Biocontrol Building Creator: Gabriel Shimizu (06/06/2023) Last updated: 06/06/2023			+\$380,000	=				
		#44: DI-XX - Hidden Desktop Monitors Creator: Gabriel Shimizu (06/12/2023) Last updated: 07/12/2023 1			+\$121,000	=	GS			
>		#45: Entrance Stair Enhancement Creator: Gabriel Shimizu (06/12/2023) Last updated: 07/11/2023 6 options			+\$162,000 to +\$391,000	=	GS			
>		#46: Exterior Wood Soffit ilo Plaster Creator: Gabriel Shimizu (06/12/2023) Last updated: 06/12/2023 2 options			+\$105,000 to +\$140,000	=	GS			

Thank You!

**#masonry
matters**

**CALIFORNIA
MASONRY**
SUMMIT
& EXPO
2026

www.CaliforniaMasonryCouncil.org

