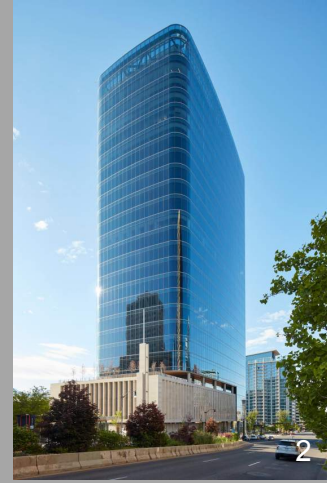


# Hardik Udani, AIA, LEED AP

## PORTFOLIO - SELECT PROJECTS

1. **111 MAIN**, SALT LAKE CITY, UT (TYPE: OFFICE)
2. **95 STATE AT CITY CREEK & SOCIAL HALL PAVILION**, SALT LAKE CITY, UT ( TYPE: MIXED USE- OFFICE, CULTURAL & RETAIL)
3. **AMERICAN BUDDHIST CULTURAL SOCIETY (ABCS) TEMPLE**, SAN FRANCISCO, CA (TYPE: CULTURAL AND RESIDENTIAL)
4. **INFINITE 101 & 131**, SOUTH SAN FRANCISCO, CA. (TYPE: LIFE SCIENCES- R&D/OFFICE, PARKING & AMENITY - FITNESS CENTER, CONFERENCE, RESTAURANT)
5. **GENESIS NORTH TOWER AND GARAGE**, SOUTH SAN FRANCISCO, CA (TYPE: LIFE SCIENCES- R&D/OFFICE AND AMENITIES- FITNESS CENTER & CONFERENCE`



# 111 MAIN

SALT LAKE CITY, UTAH

## TOWER METRICS

PROGRAM	OFFICE
NUMBER OF FLOORS	24
BUILDING HEIGHT	387'-0"
TYPICAL FLOOR AREA	20,925 GSF
OFFICE AREA	447,000 GSF
GROSS BUILDING AREA	512,700 GSF
STATUS	COMPLETED 2017

## PROJECT TEAM

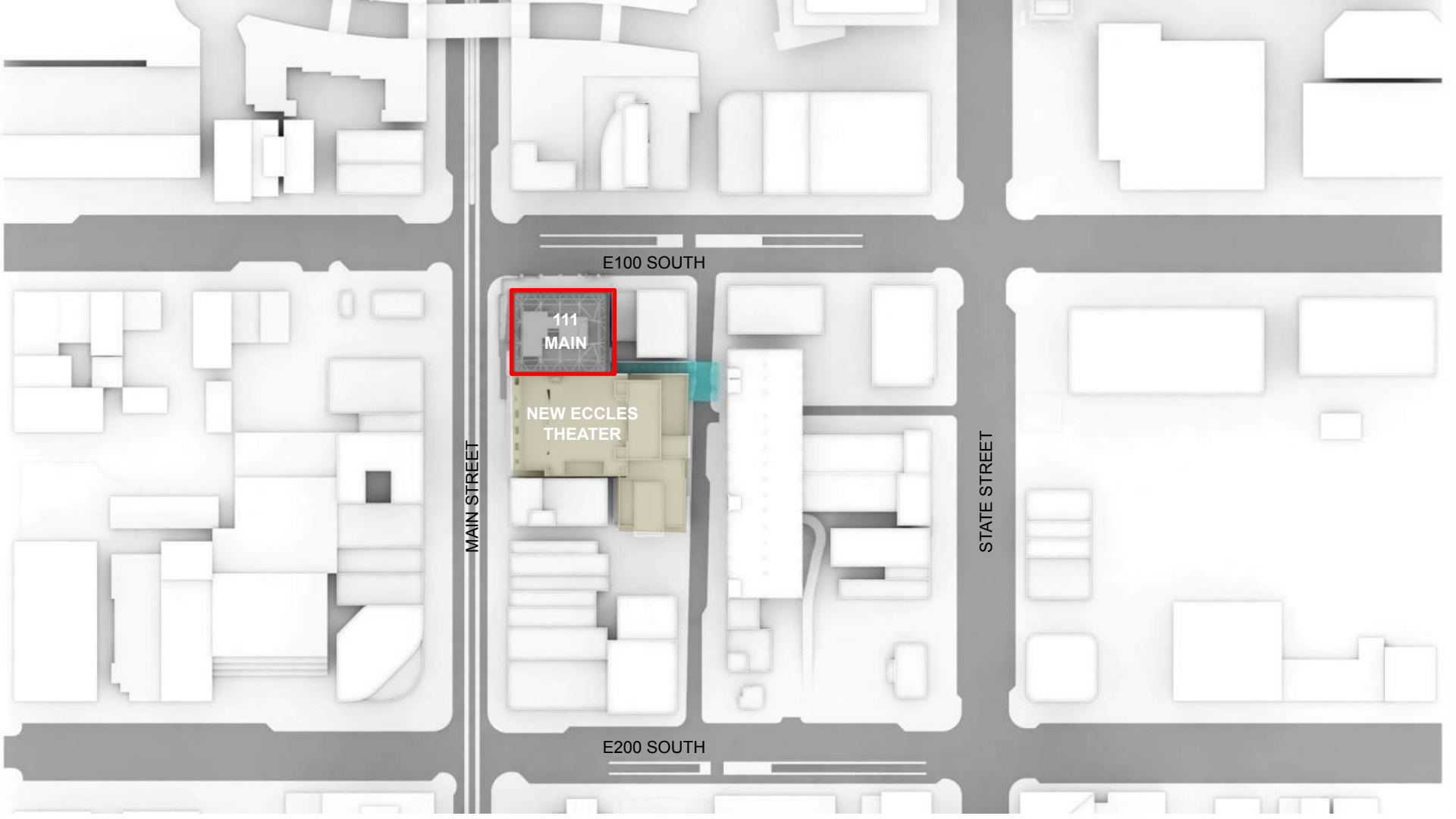
### SOM:

CRAIG HARTMAN  
KEITH BOSWELL  
STEVE SOBEL  
BRIAN MULDER  
HARDIK UDANI  
LISA FOLLMAN  
FRANCESCA OLIVEIRA  
GARY HE  
ALEXANDRA BARRETT  
MARK SARKISIAN, SE  
PETER LEE, SE  
ALWIN TSUI, SE

GENERAL CONTRACTOR  
CURTAIN WALL CONTRACTOR  
STOREFRONT ENGINEER

OKLAND CONSTRUCTION  
STEEL ENCOUNTERS  
ECKERSLEY O'CALLAGHAN





E100 SOUTH

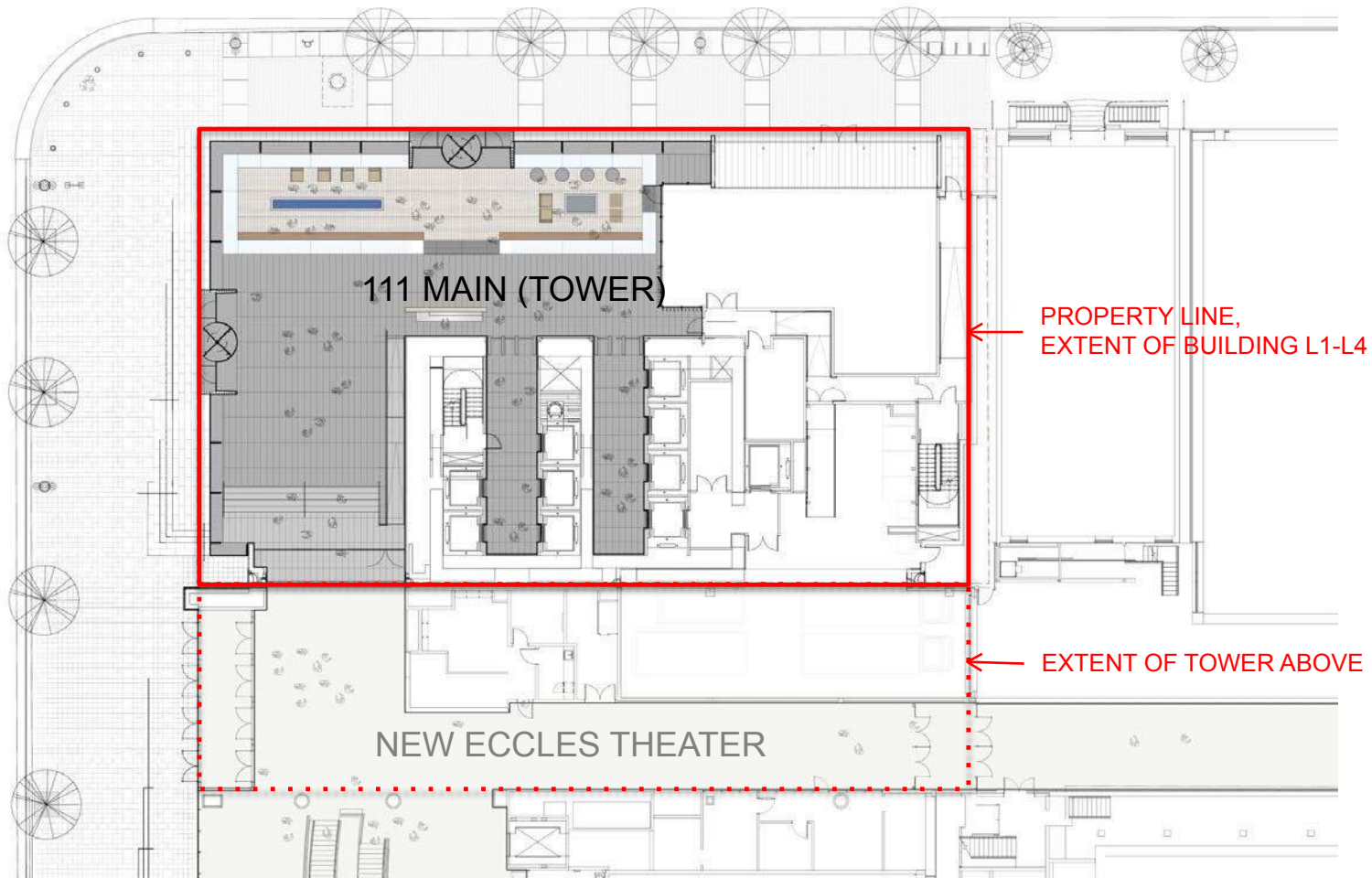
111  
MAIN

NEW ECCLES  
THEATER

MAIN STREET

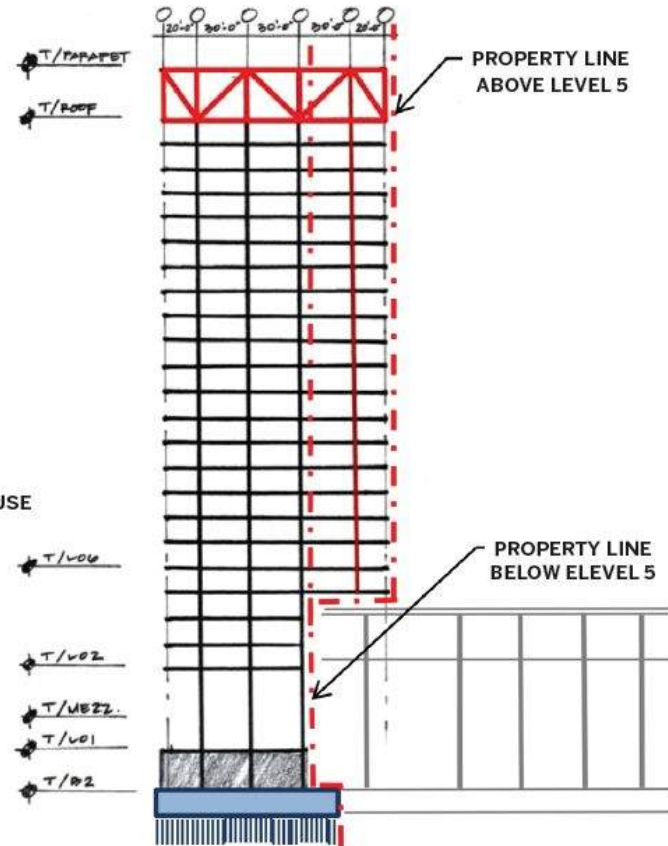
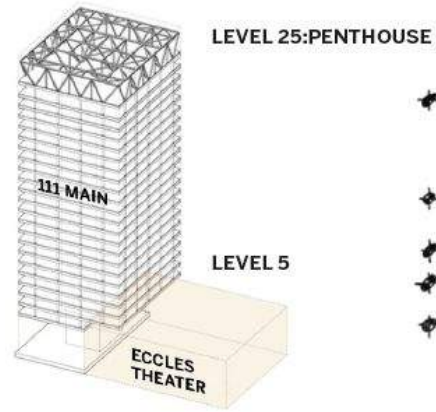
STATE STREET

E200 SOUTH



GROUND FLOOR PLAN



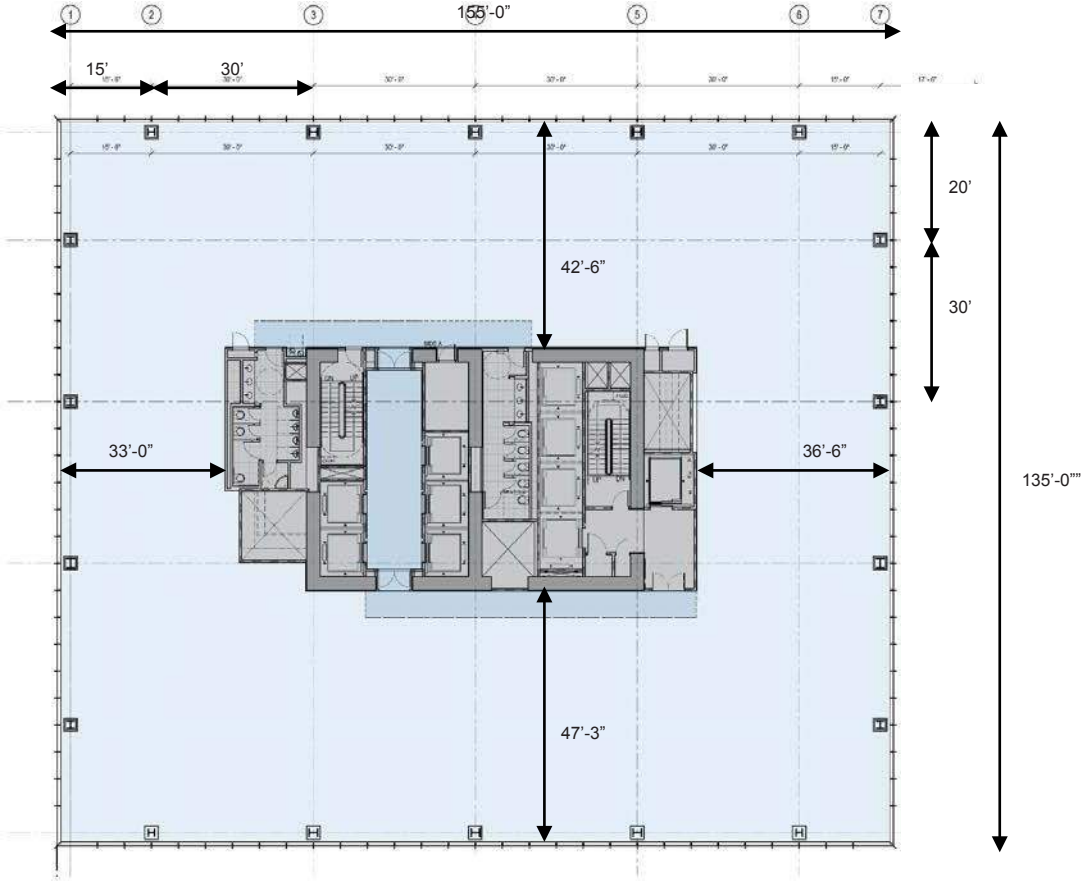




TYPICAL LOW-RISE  
LEVELS 05-15

Gross Measured: 20,875 sf

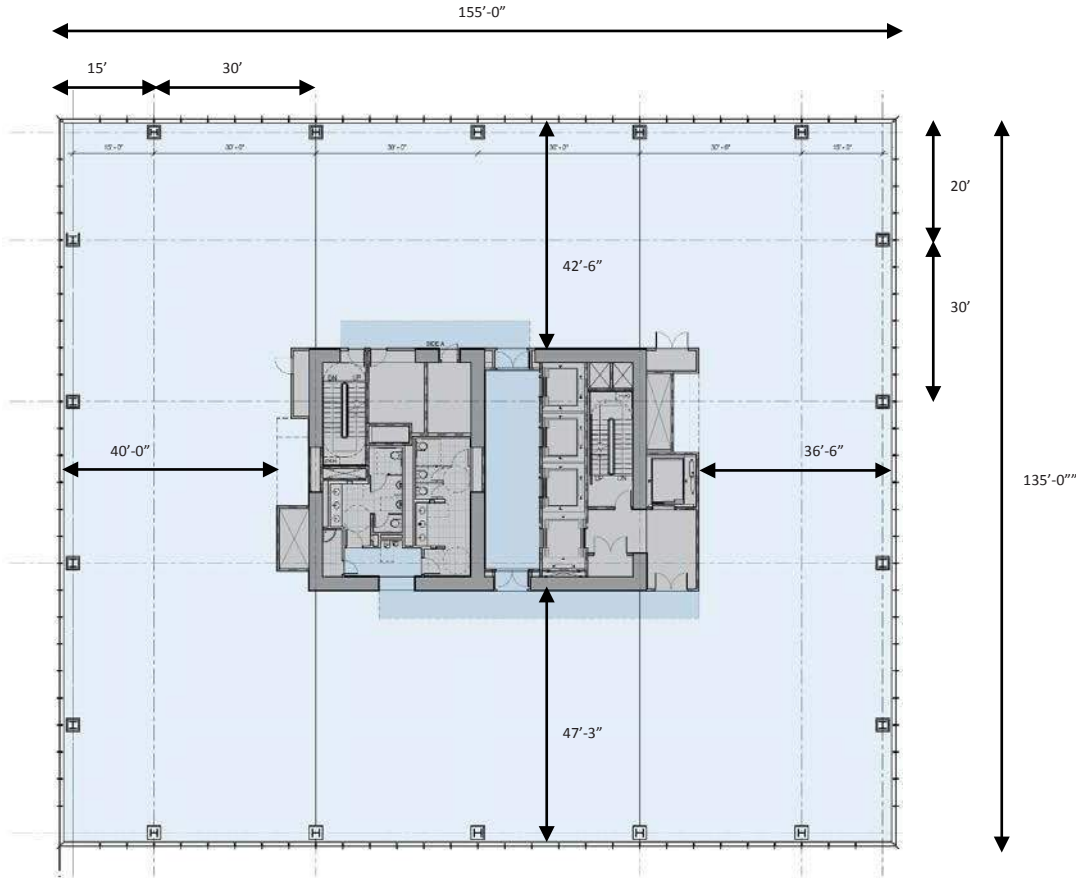
Floor Rentable: 18,825 sf



TYPICAL HIGH-RISE  
LEVELS 18-24

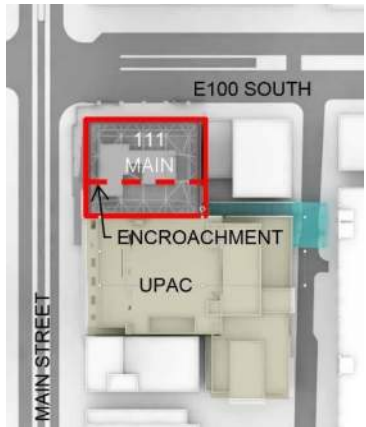
Gross Measured: 20,875 sf

Floor Rentable: 19,500 sf

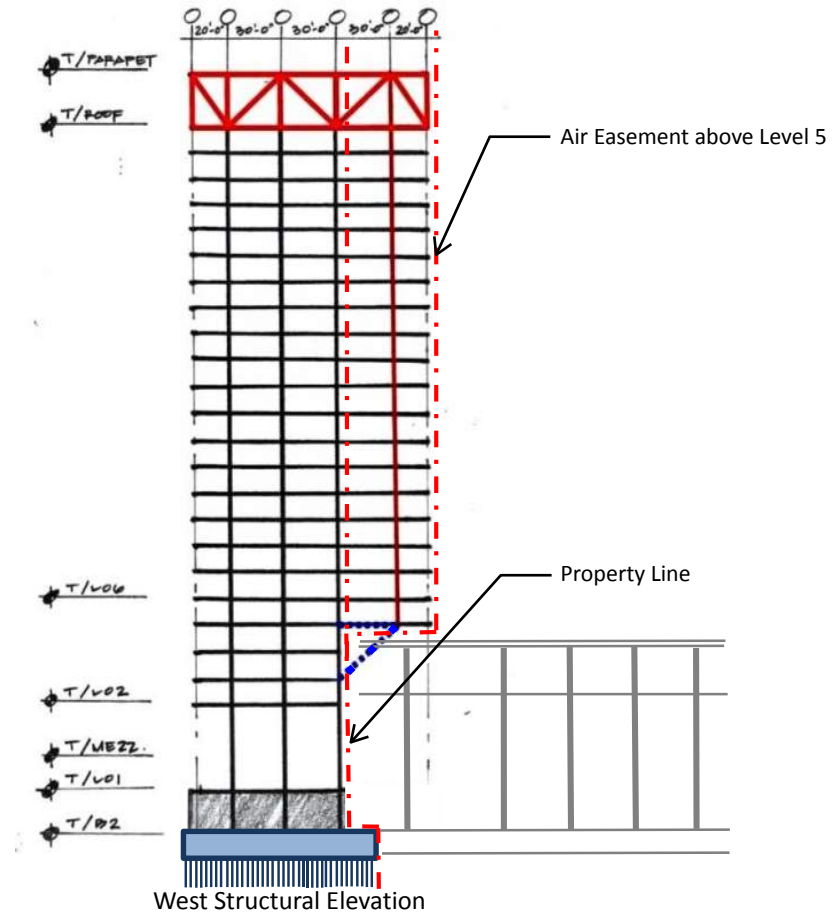




# PROJECT SITE AND PROPERTY LINE

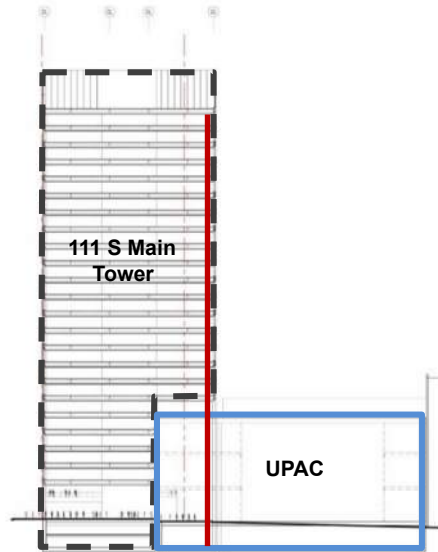


111 MAIN  
SKIDMORE, OWINGS & MERRILL LLP



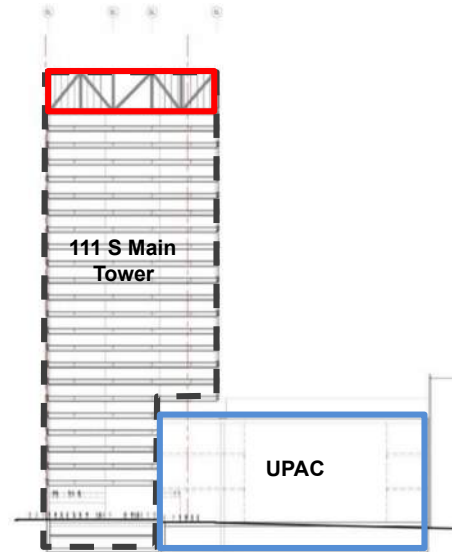


THEATER MAIN ENTRY



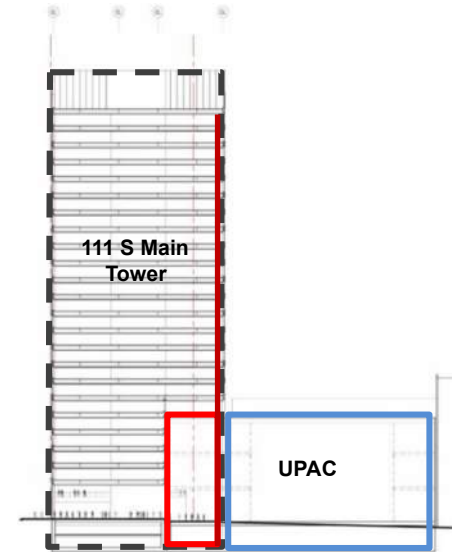
#### **SCHEME A**

- PERIMETER MOMENT FRAME WITH TRANSFER OVER WINTERGARDEN
- TOWER SOUTH COLUMNS EXTEND TO BASEMENT



#### **SCHEME B**

- COMPOSITE STRUCTURAL SYSTEM
- TOWER SOUTH COLUMNS HUNG FROM ROOF TOP TRUSS



#### **SCHEME C**

- ALL CONCRETE SHEAR WALL CORE WITH MOMENT FRAME AND GRAVITY BEAMS
- TOWER SOUTH COLUMNS EXTEND TO BASEMENT

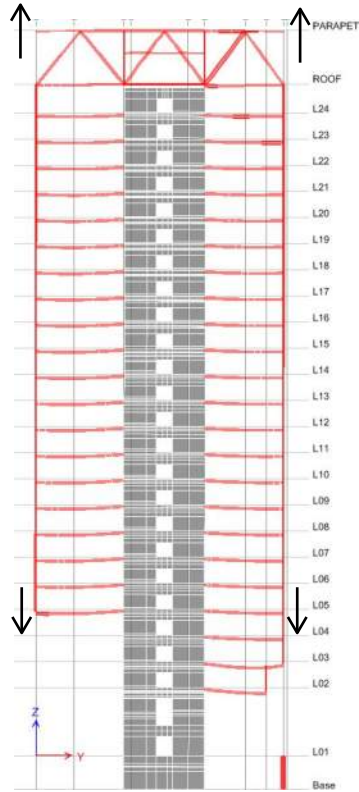
# ALL-GLASS LOBBY WALL

- 10' WIDE BY 35' TALL LAMINATED CLEAR GLASS
- 2' DEEP BY 2½" WIDE GLASS STABILIZING FINIS
- LAMINATED CLEAR GLASS SKYLIGHT
- GRAVITY SUPPORTED ALL-GLASS ASSEMBLY  
LATERALLY TIED TO BASE BUILDING STRUCTURE  
WITH A DOUBLE PINNED CONNECTION ALLOWING  
+/- 14" TO +/- 18" OF VERTICAL MOVEMENT
- STEEL RAIL AND ROLLER ALLOWING +/- 3½" IN  
PLANE SEISMIC DRIFT
- GLASS FABRICATED IN GERSTHOFEN, GERMANY  
AND ASSEMBLED ON SITE USING SPECIALTY  
EQUIPMENT PROCURED THROUGH THE GLAZING  
MANUFACTURER
- LOBBY WALL ENGINEERING BY ECKERSLEY  
O'CALLHAN



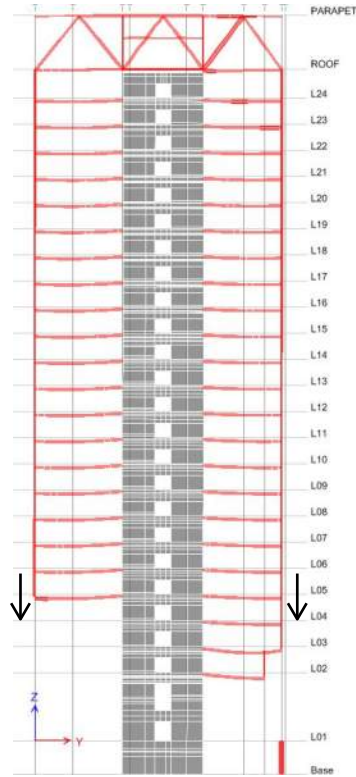
$$\Delta = \Delta_{\text{GRAVITY}} + \Delta_{\text{SEISMIC}} = \Delta_{\text{G-DL+SDL}} + \Delta_{\text{G-LL}} + \Delta_{\text{EH}} + \Delta_{\text{EV}}$$

CAMBER = 1.5" to 2"



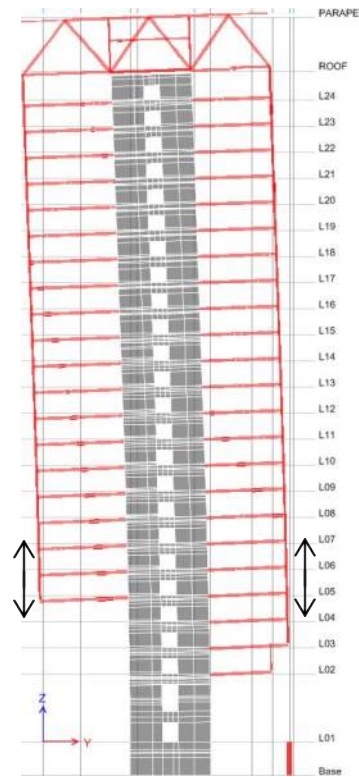
$\Delta_{\text{G-DL+SDL}}$

DEAD + SUPERIMPOSED  
LOADS



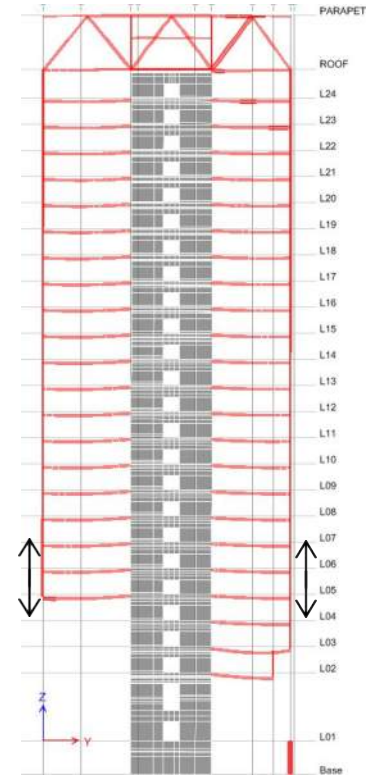
$\Delta_{\text{G-LL}}$

LIVE LOADS



$\Delta_{\text{EH}}$

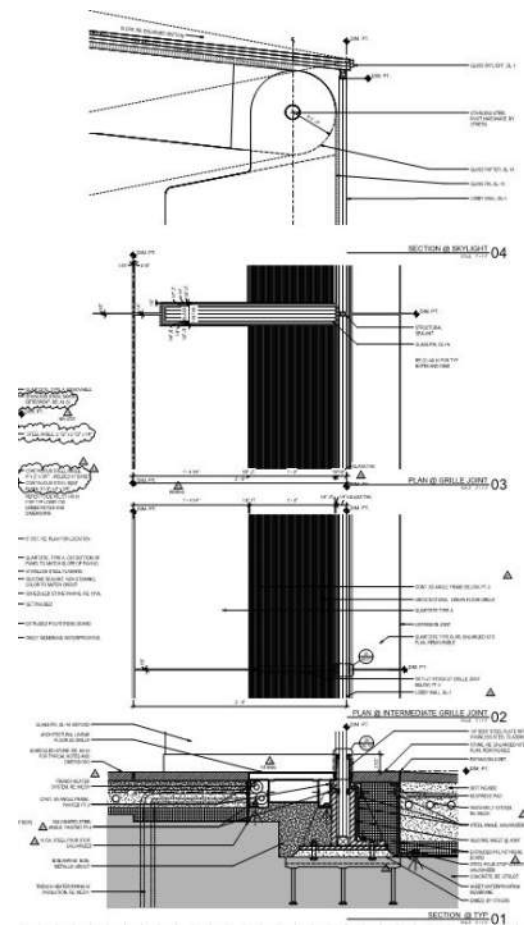
SEISMIC HORIZONTAL

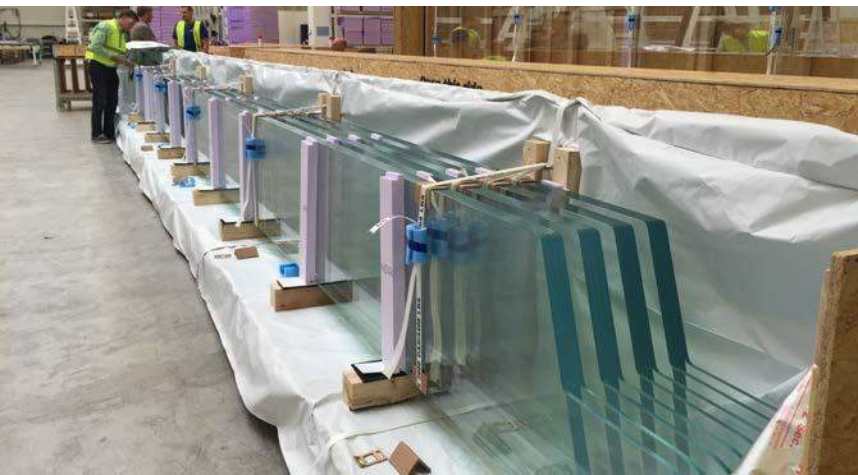
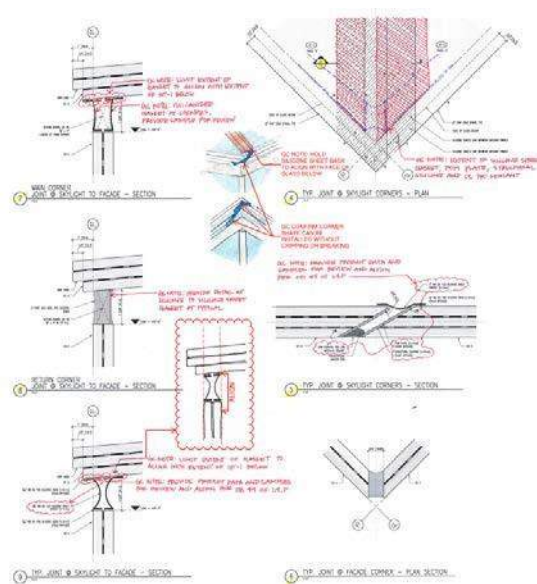


$\Delta_{\text{EV}}$

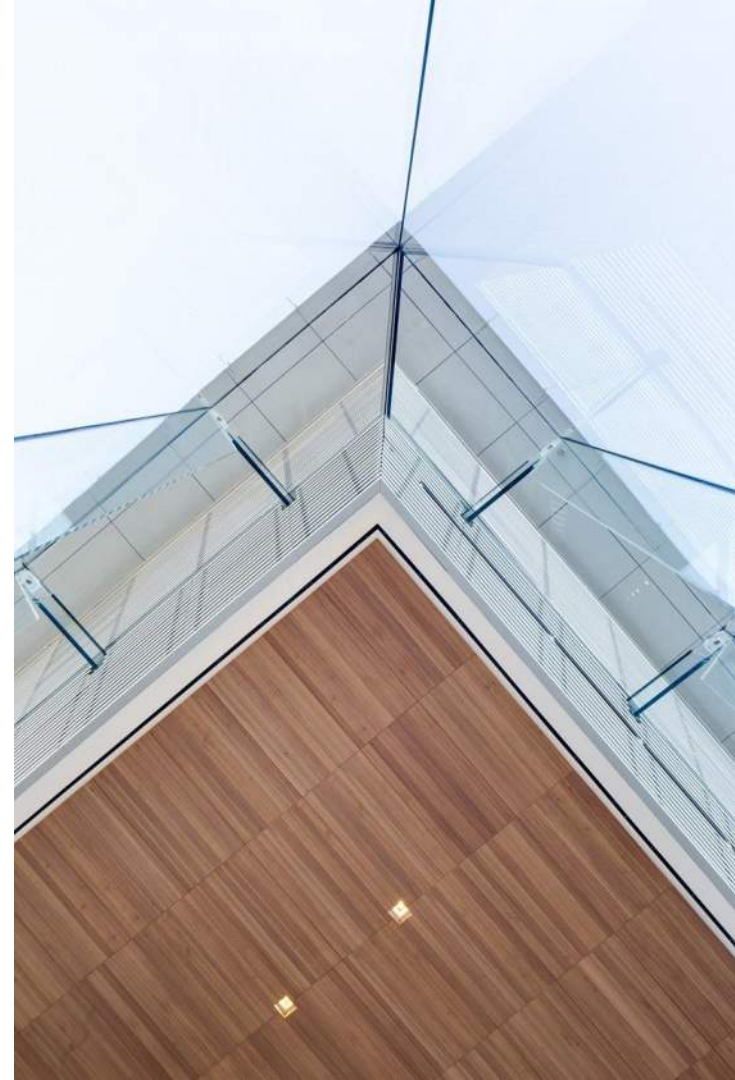
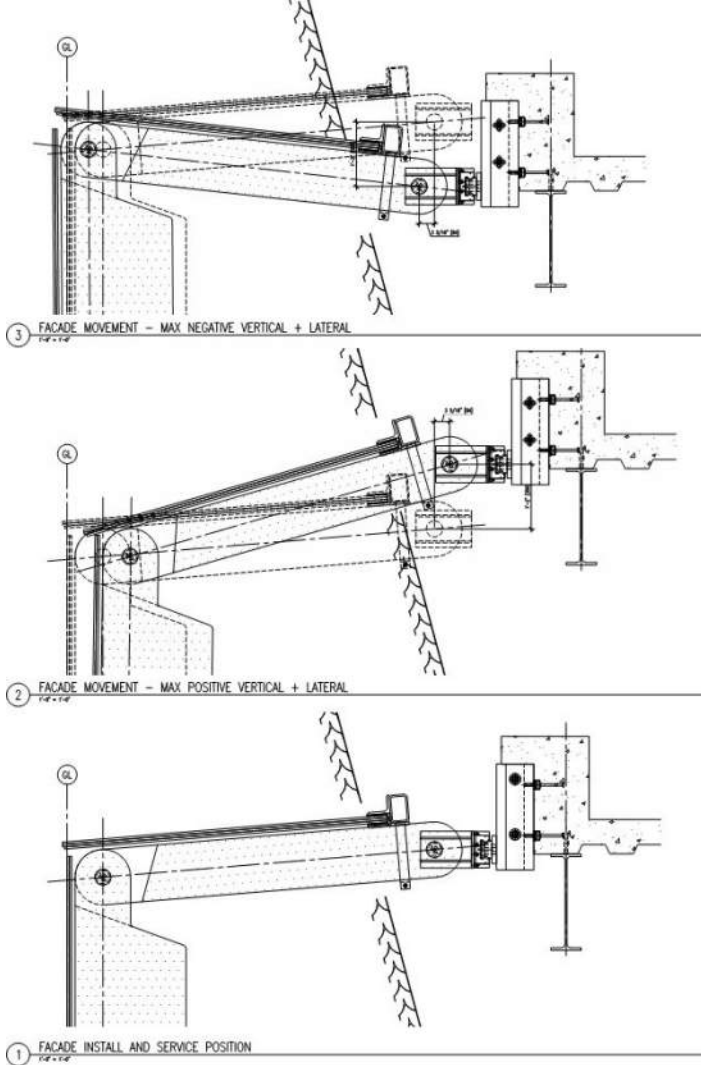
SEISMIC VERTICAL











# STRUCTURAL GLASS ENTRIES

- 20' WIDE BY 20' TALL STEEL AND GLASS ENTRIES ARE WRAPPED BY CLEAR, LAMINATED STRUCTURAL GLASS
- LEAFS OF NATURAL EUCALYPTUS LAMINATED INTO THE GLAZING MAKEUP
- SOLID EUCALYPTUS FINIS HUNG FROM STEEL CLIPS WITH INTEGRAL HARDWARE AND STRUCTURAL SILICONE

111 MAIN

SKIDMORE, OWINGS & MERRILL LLP

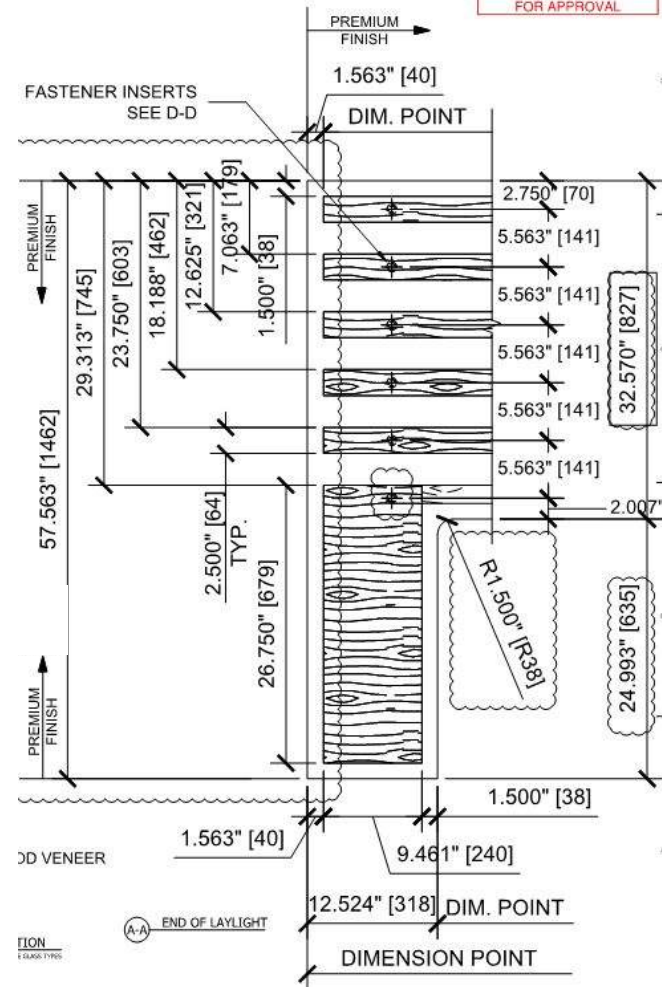
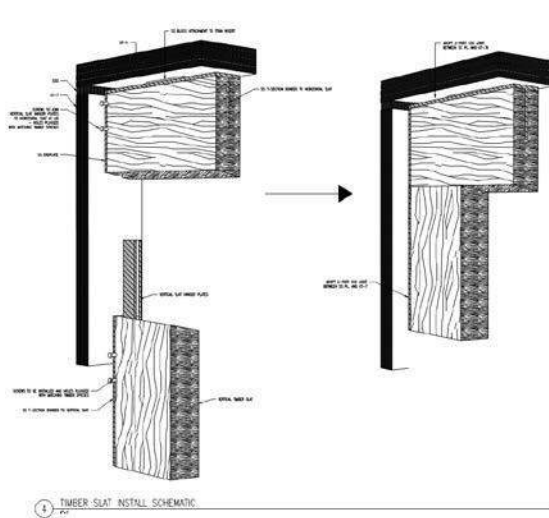


ALL-GLASS ENTRY DESIGN



SKIDMORE, OWINGS & MERRILL LLP

## CONSTRUCTION DETAILS



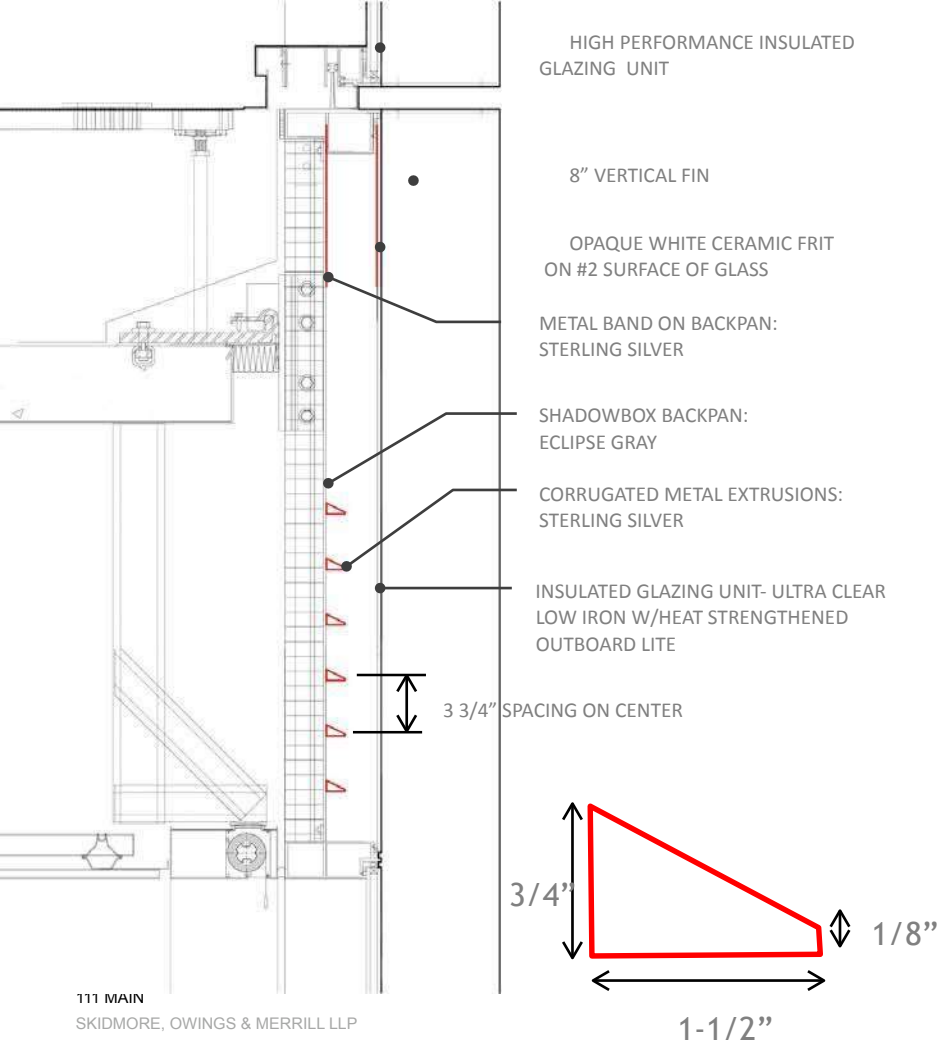


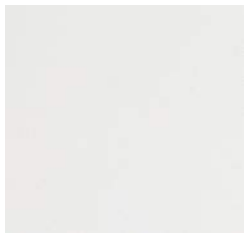


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PEARLESCENT WHITE  
PPG - UC117183VL  
DURANAR VL



SILVER SHADOW  
PPG - UC106707XL  
DURANAR XL

GL-3: SHADOWBOX GLASS

GL-3: VISION GLASS

CERAMIC FRIT ON #2 SURFACE

INTERIOR VERTICAL AND HORIZONTAL  
MULLIONS: SILVER SHADOW

METAL BACK PAN: SILVER SHADOW

HORIZONTAL METAL EXTRUSIONS:  
PEARLESCENT WHITE











SOVI

# 95 STATE AT CITY CREEK

SALT LAKE CITY, UTAH

## TOWER METRICS

PROGRAM	OFFICE & MEETINGHOUSE
NUMBER OF FLOORS	25
BUILDING HEIGHT	392'-3"
TYPICAL FLOOR AREA	20,925 GSF
OFFICE + AMENITY AREA	515,000 GSF
MEETINGHOUSE	125,000 GSF
GROSS BUILDING AREA	640,700 GSF

## PROJECT TEAM

### SOM:

MICHAEL DUNCAN  
KEITH BOSWELL  
SEAN REGASA  
GREG WILLIAMS  
HARDIK UDANI  
ALEX WELSH  
SHUANG XU  
MARK SARKISIAN, SE  
PETER LEE, SE  
RUPA GARAI, SE  
ALEX ZHA, SE

GENERAL CONTRACTOR  
CURTAIN WALL CONTRACTOR  
STOREFRONT ENGINEER

OKLAND CONSTRUCTION  
STEEL ENCOUNTERS  
ECKERSLEY O'CALLAGHAN





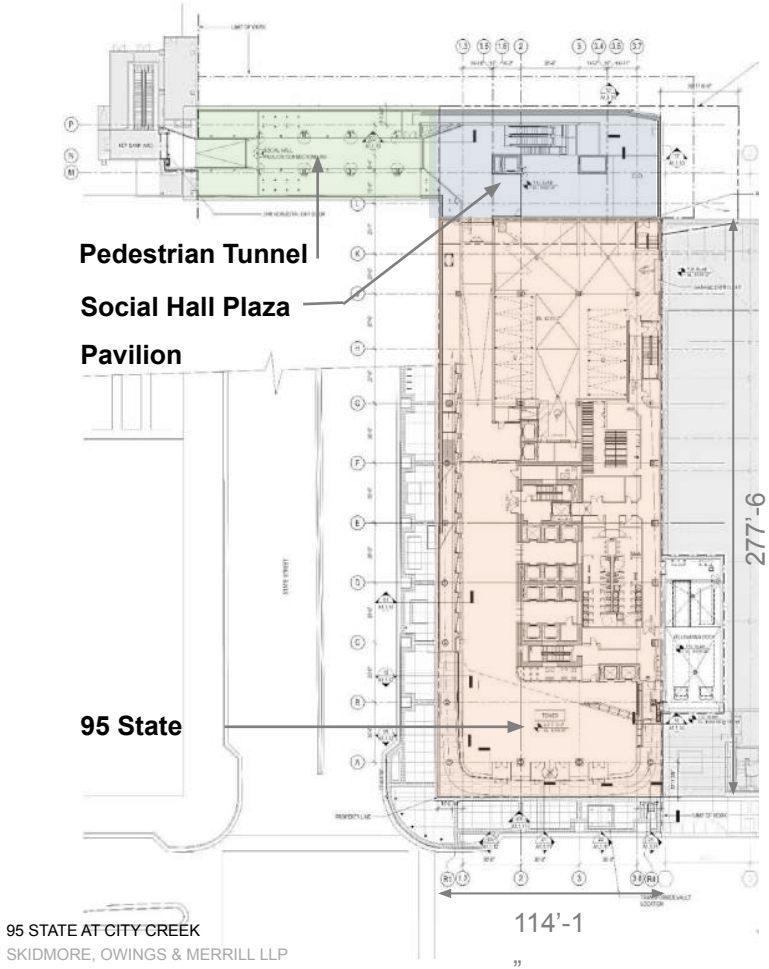
**RETAIL INTEGRATION & PODIUM IDENTITY**  
SITE OPPORTUNITIES



City Creek

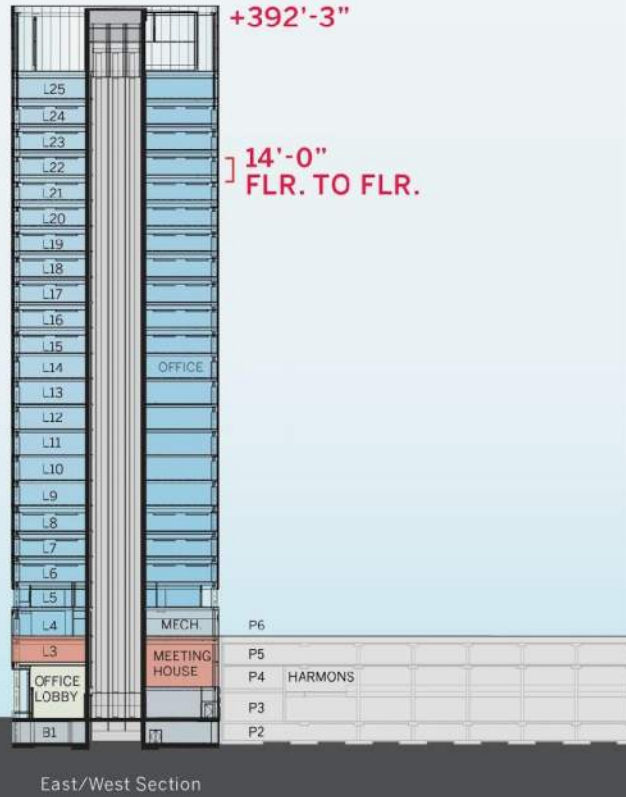
111 Main

LEVEL 01 PLAN



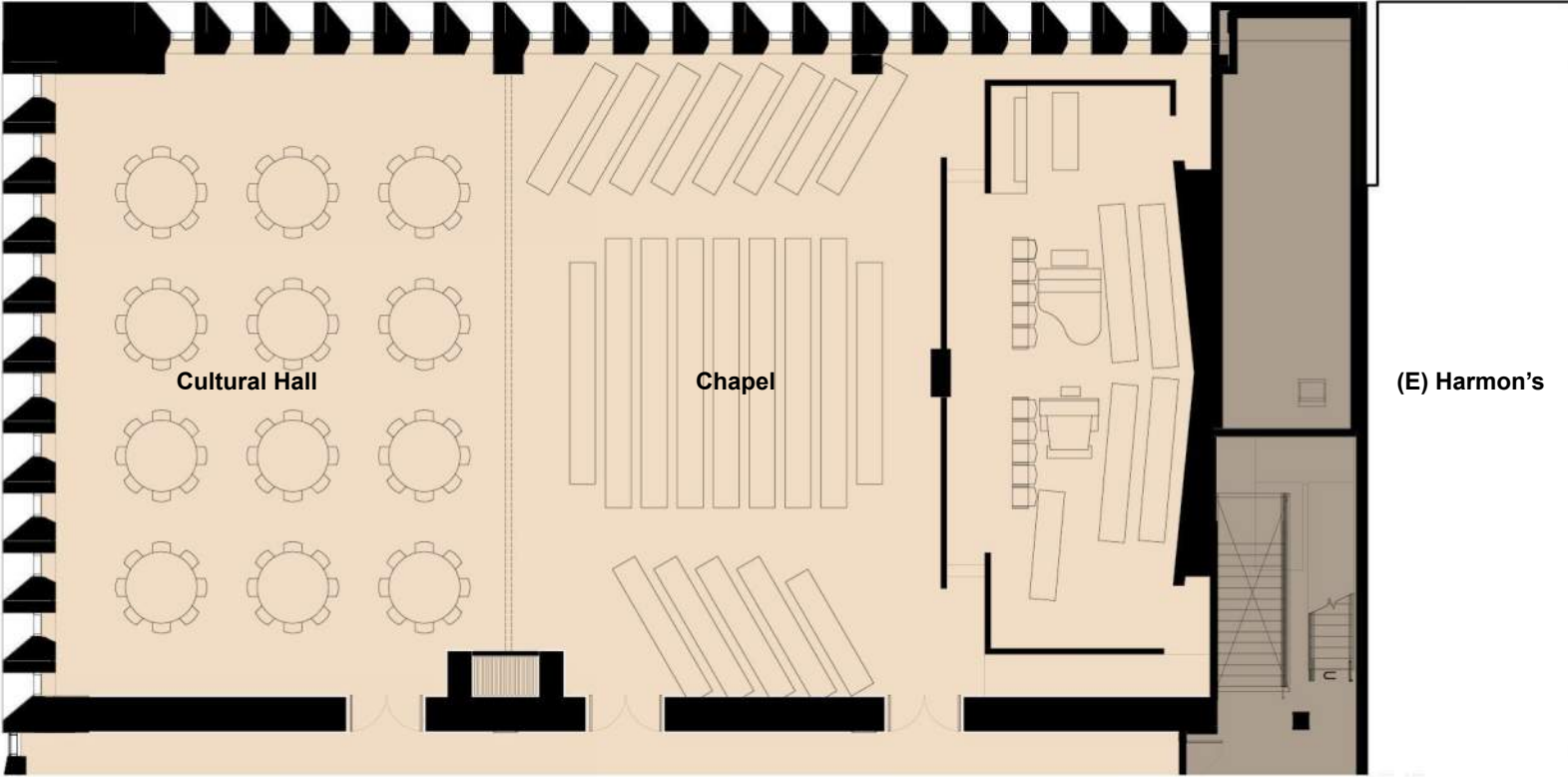


SECTION  
25 FLOORS





PLAN - LEVEL 3  
MEETINGHOUSE







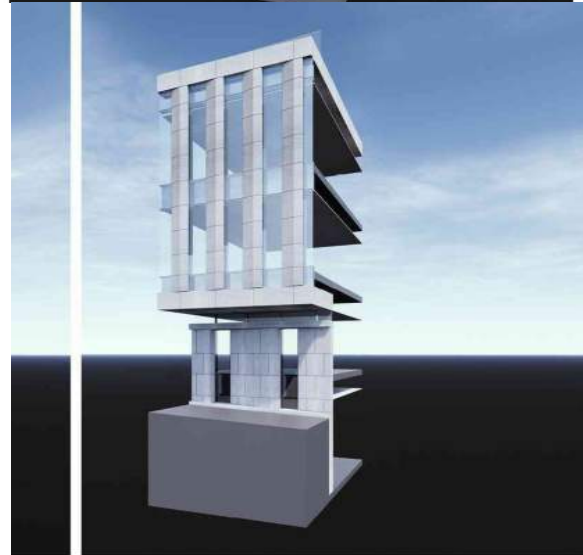
VIEW FROM NORTH AT MEETINGHOUSE ENTRY



VIEW FROM NORTH WEST AT MEETINGHOUSE PODIUM



**Chapel- Stone fins with  
Exterior IGU and Interior  
Laminated Art Glass**  
12-36"W x 30"D  
Tapered stone fins  
60" on center



**Office- Stone fins with  
Insulated Glass Units**  
12-36"W x 18"D  
Tapered stone fins  
60" on center







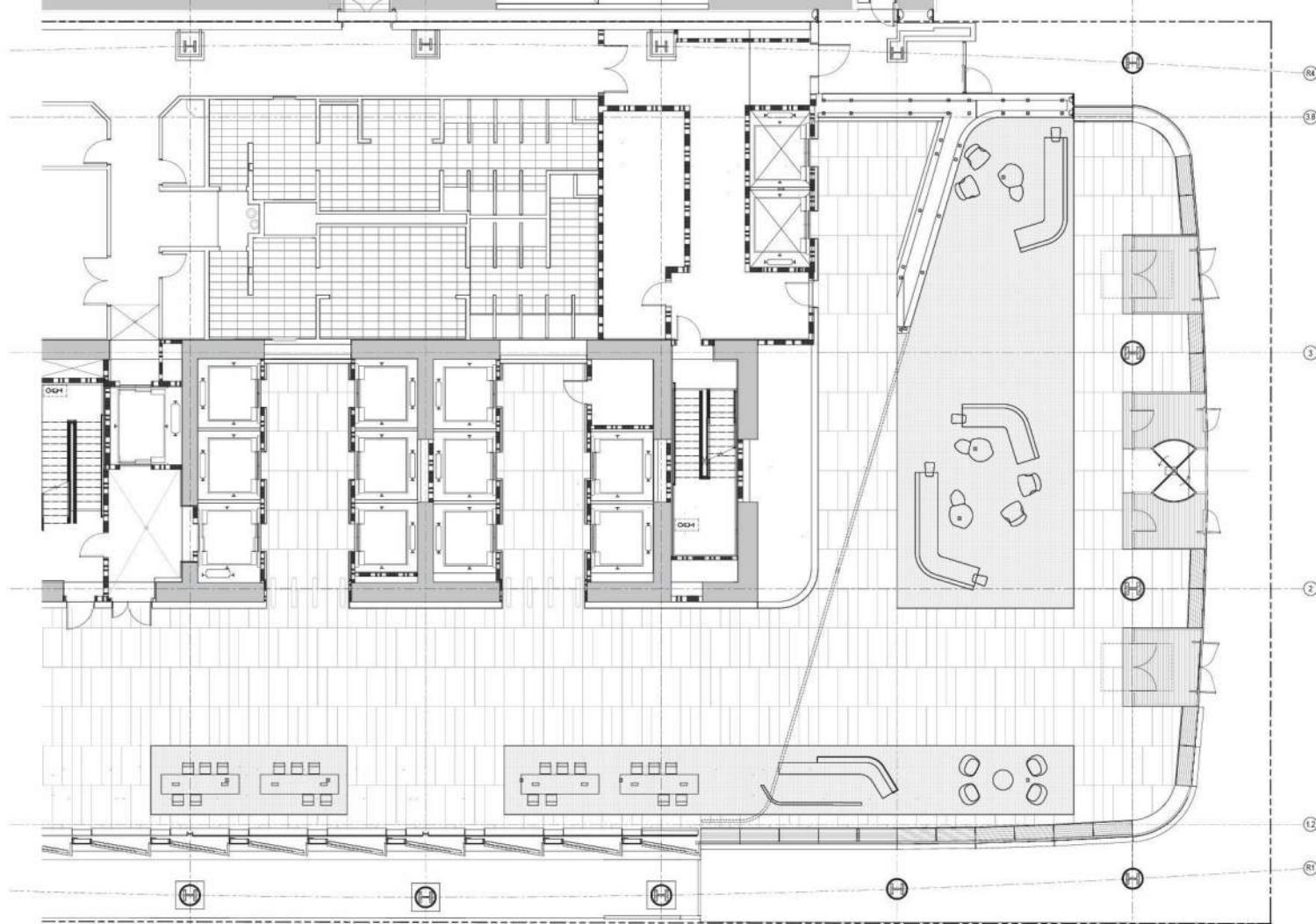
### **Chapel- Interior Laminated Art Glass**

Layers of fused colored glass  
laminated to Fluted Glass

- Jamie Carpenter Design (JCDA)
- Fabricator: Bullseye Glass



LOBBY LEVEL PLAN









**Social Hall Pavilion  
& Pedestrian Tunnel  
to City Creek**





# ABCS TEMPLE

SAN FRANCISCO, CA

## BUILDING METRICS

PROGRAM	CULTURAL & RESIDENTIAL DORMITORIES
NUMBER OF FLOORS	6 + BASEMENT
BUILDING HEIGHT	74'-0"
GROSS BUILDING AREA	42,000 GSF
STATUS	CONSTRUCTION (2025)

## PROJECT TEAM

### SOM:

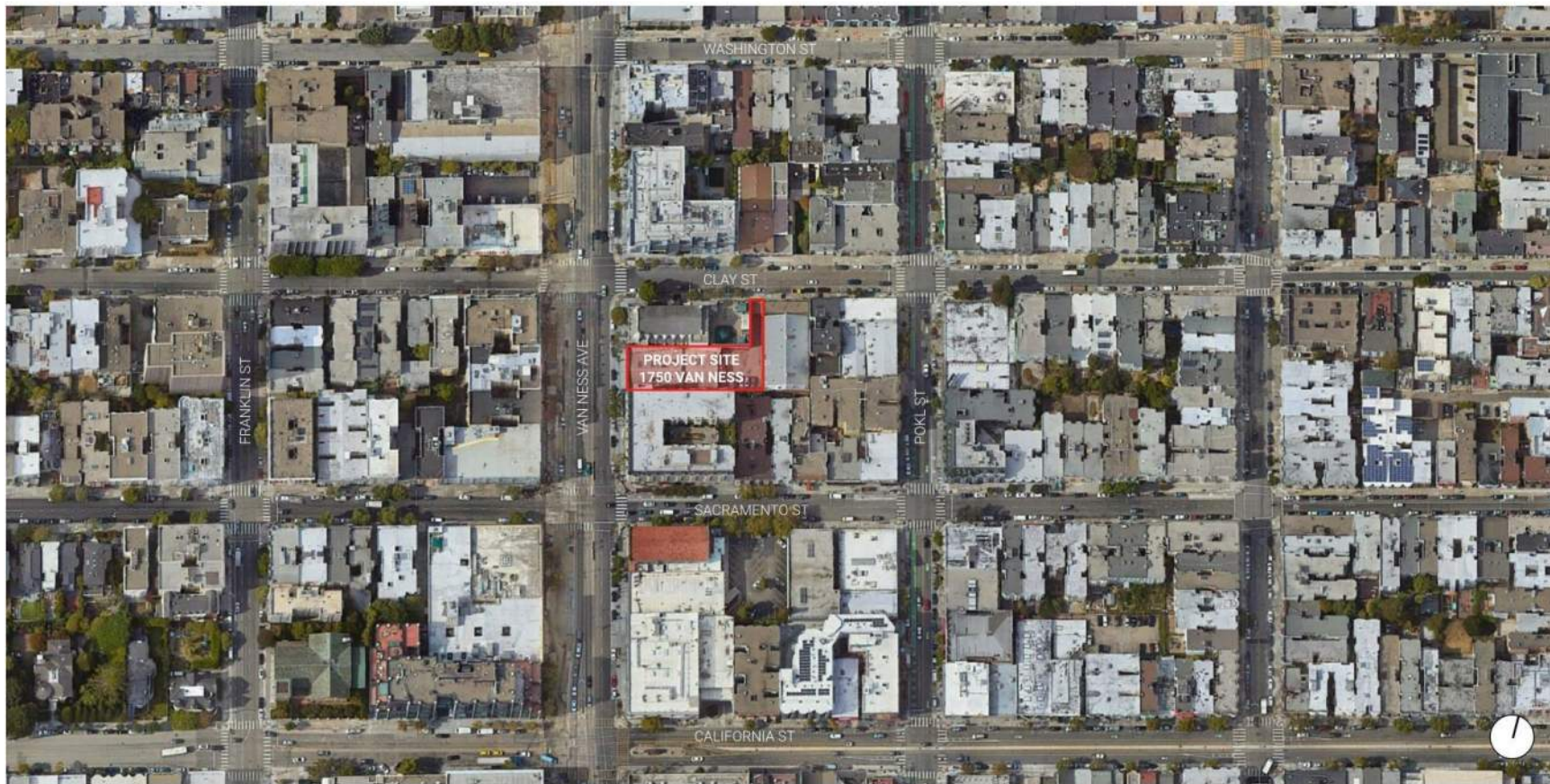
CRAIG HARTMAN  
KEITH BOSWELL  
MICHAEL LEUNG  
HARDIK UDANI  
SIMON MCKENZIE  
LUCY LING  
JUDY ZHANG  
DAN ZWEIG  
ISAAC KIM  
NICOLE WANG, SE  
DAVID SHOOK, SE

GENERAL CONTRACTOR  
FACADE CONTRACTOR

CAHILL CONSTRUCTION  
QC FACADES







## Proposed Building Massing

Vehicular Access  
(6 Cars, 1 ADA Van, 30 Bicycles)

Clay St.

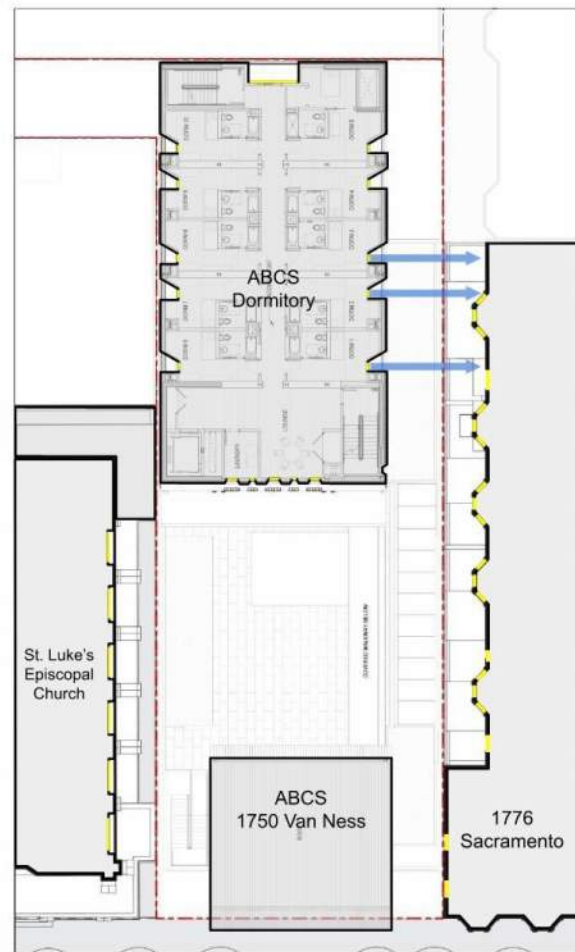
Main Entry

Van Ness Ave.





**Aerial View from  
Van Ness Ave**



Windows: ABCS Dormitory (L) and Condos (R) 9



## Cultural References



**View from Corner of Van Ness Ave. & Clay St.**















ABCS TEMPLE  
SKIDMORE, OWINGS & MERRILL





# Shrine Hall





## Entry & Bookstore Vaulted Ceiling

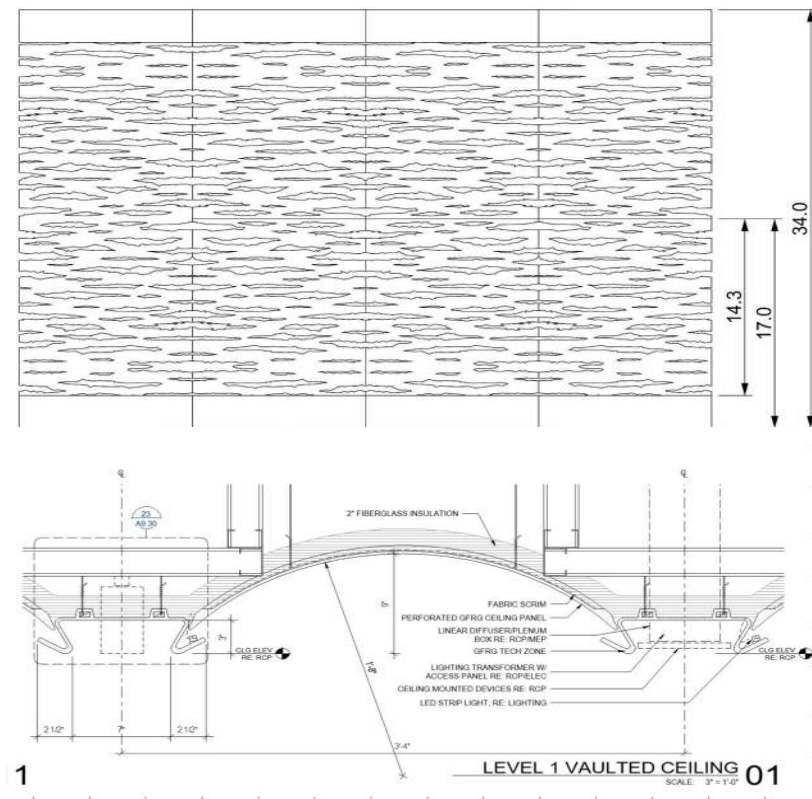




# GFRG Panel - Book-matched Shifted Pattern



## GFRG Panel - Book-matched Shifted Pattern





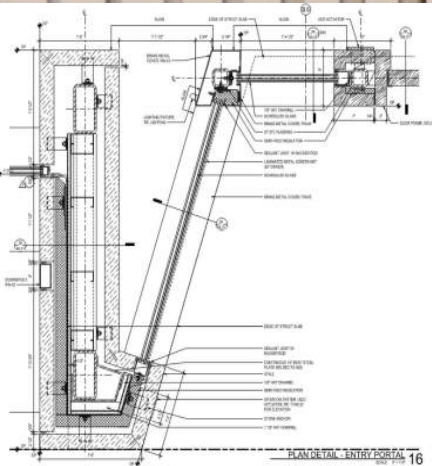


Entry Portal

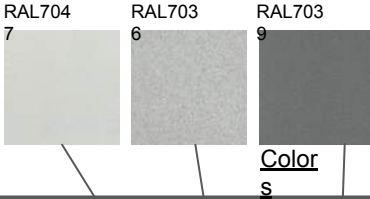
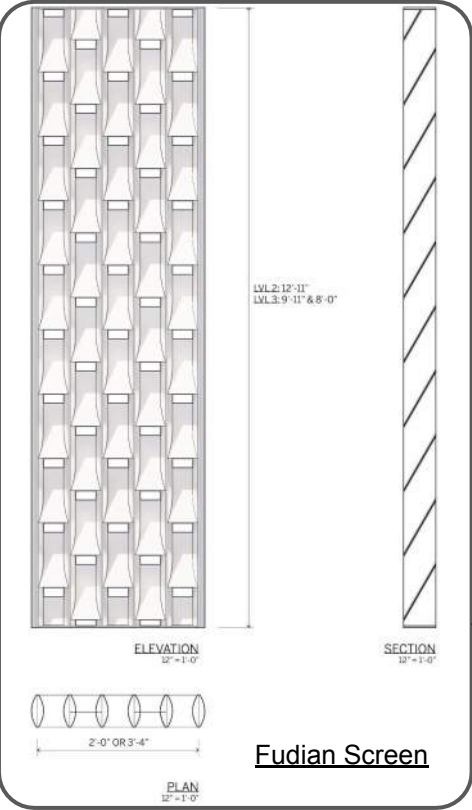
1750

AMERICAN BUDDHIST CULTURAL SOCIETY  
新金山三寶寺

PLAN DETAIL - ENTRY PORTAL



# Exterior Facade System



**FIN 01**

RAL 7047 - Telegrey 4

**FIN 02**

RAL 7036 - Platinum Grey

**FIN 03**

RAL 7039 - Quartz Gray

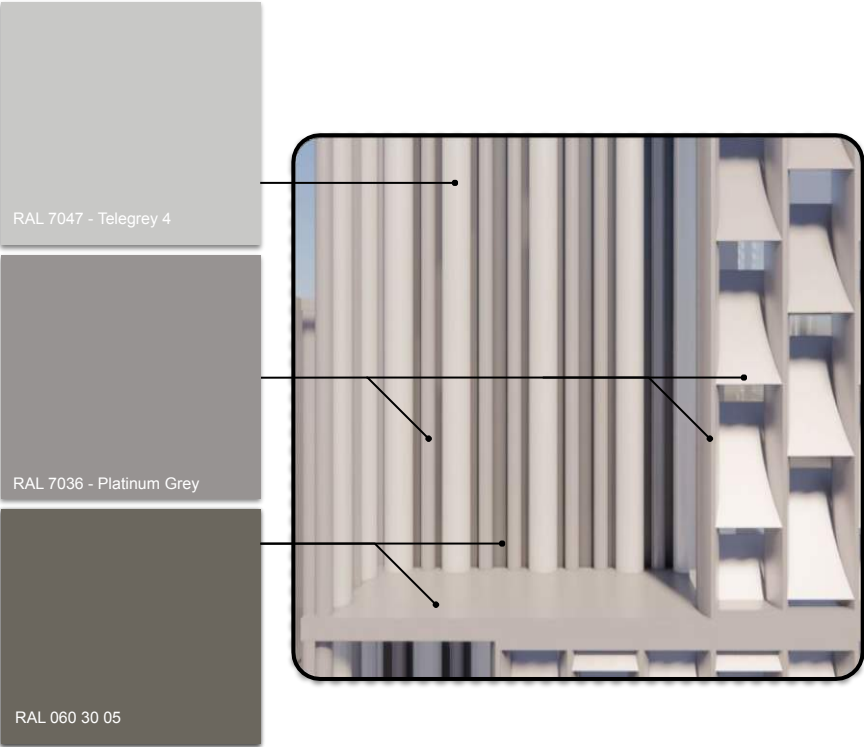
**FIN  
02**

**FIN  
03**





# Exterior Materials



ABCS TEMPLE  
SKIDMORE, OWINGS & MERRILL







# Infinite 101+131

## South San Francisco, CA

### 101 - R&D BUILDING

PROGRAM	LIFE SCIENCES (R&D/OFFICE) + AMENITY
NUMBER OF FLOORS	6
BUILDING HEIGHT	112'-0"

R&D/OFFICE AREA AMENITY	675,816 GSF
(FITNESS, RESTAURANT & CONFERENCE)	31,500 GSF
GROSS BUILDING AREA	<b>746,644 GSF</b>

### 131 - R&D & AMENITY BUILDINGS

PROGRAM	LIFE SCIENCES (R&D/OFFICE) + AMENITY
NUMBER OF FLOORS	6
BUILDING HEIGHT	112'-0"

R&D/OFFICE AREA AMENITY	1,520,924 GSF
(FITNESS, RESTAURANT & CONFERENCE)	41,106 GSF
GROSS BUILDING AREA	<b>1,596,000 GSF</b>

### PROJECT TEAM

#### SOM:

MARK SCHWETTMANN  
KEITH BOSWELL  
STEVE SOBEL  
FERNANDO HERRERA  
HARDIK UDANI  
JOHN KUCHEN  
WENDY SITLER  
STEVE SOBEL  
KAYLA LIM  
JASSY LIN  
RUPA GARAI,SE  
NICOLE WANG,SE





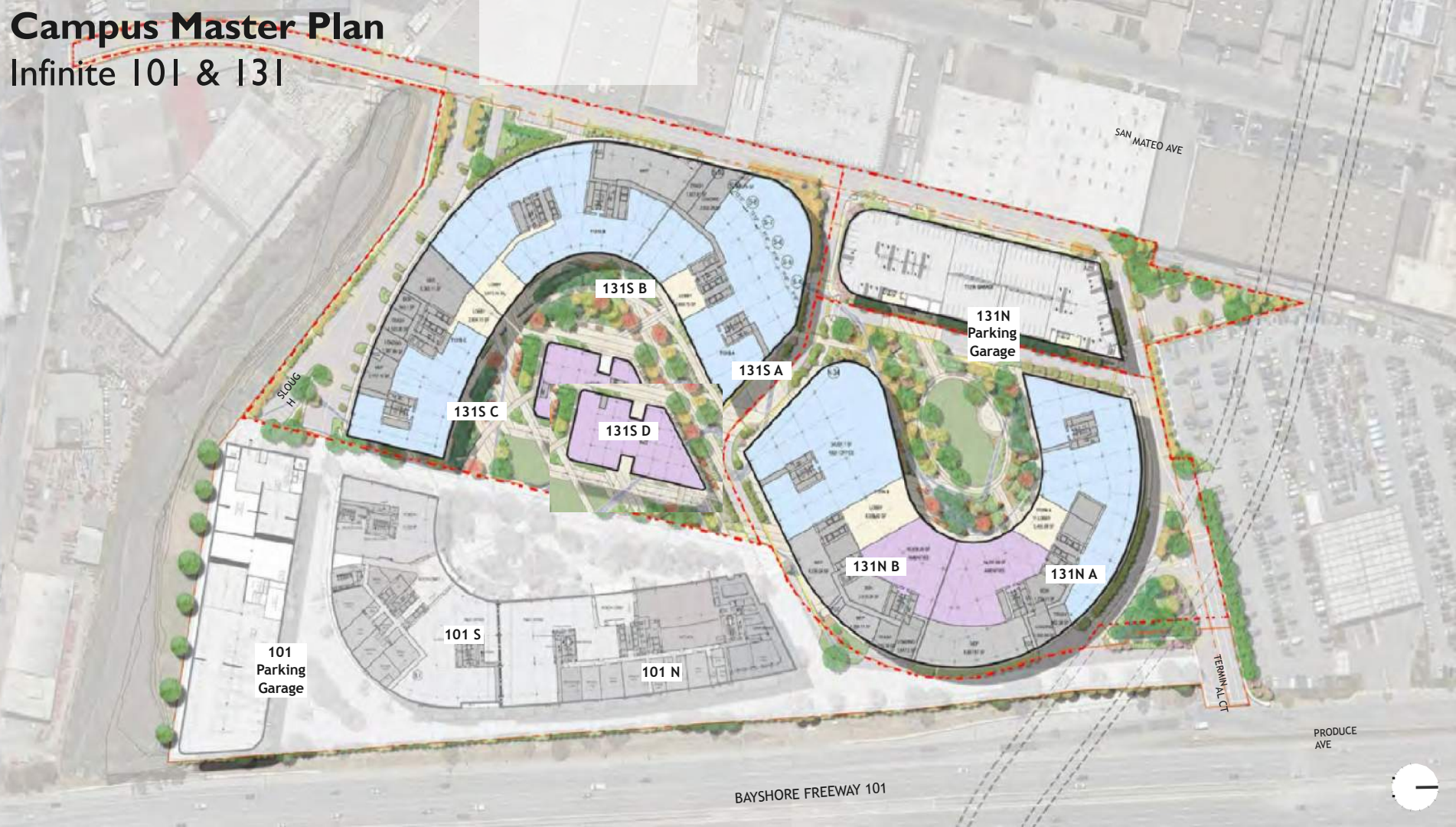
# Site Plan

## Infinite 101



# Campus Master Plan

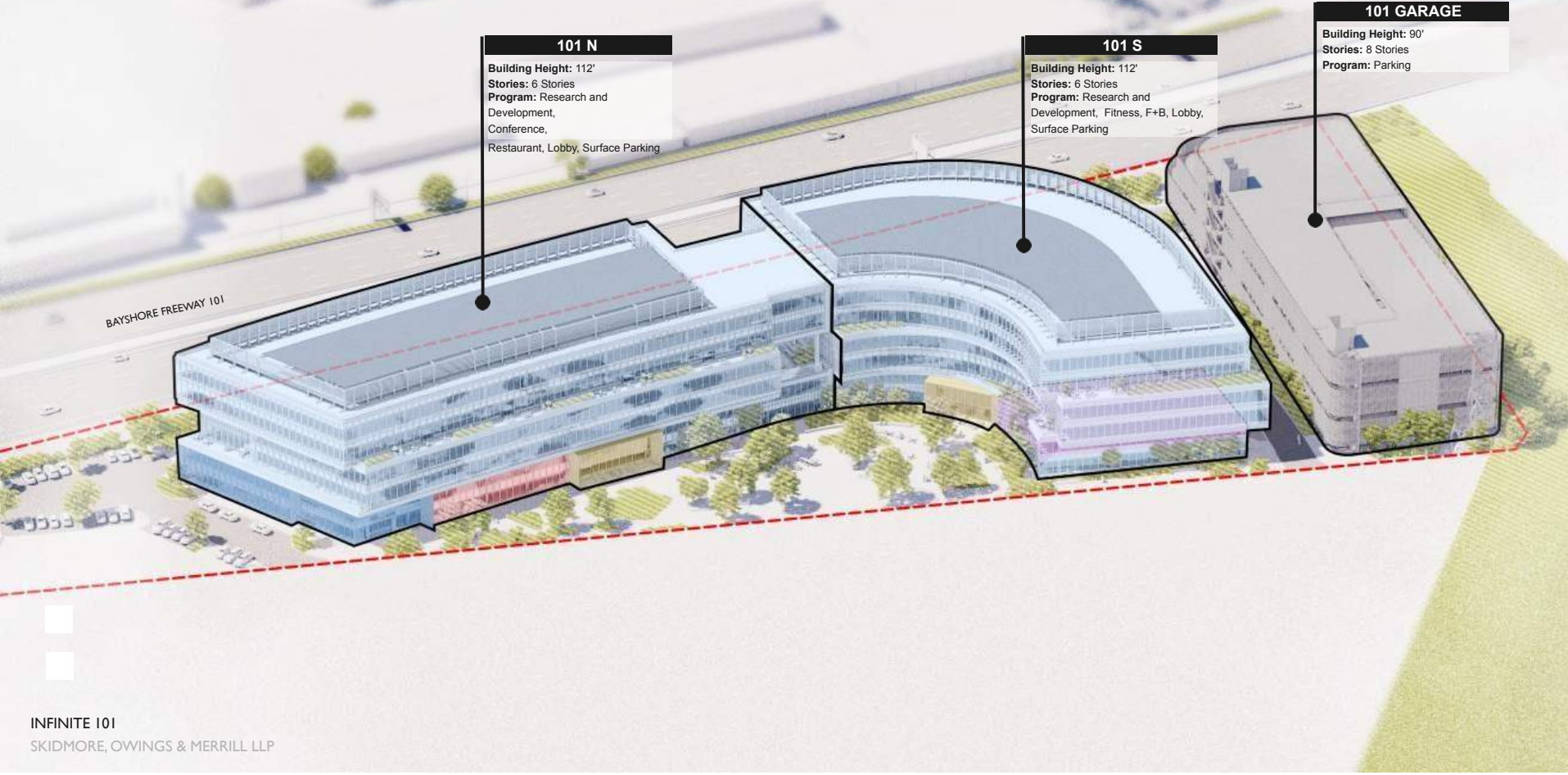
## Infinite 101 & 131





# Project Summary

INFINITE 101 TOTAL AREA (FAR): 715,835 SF

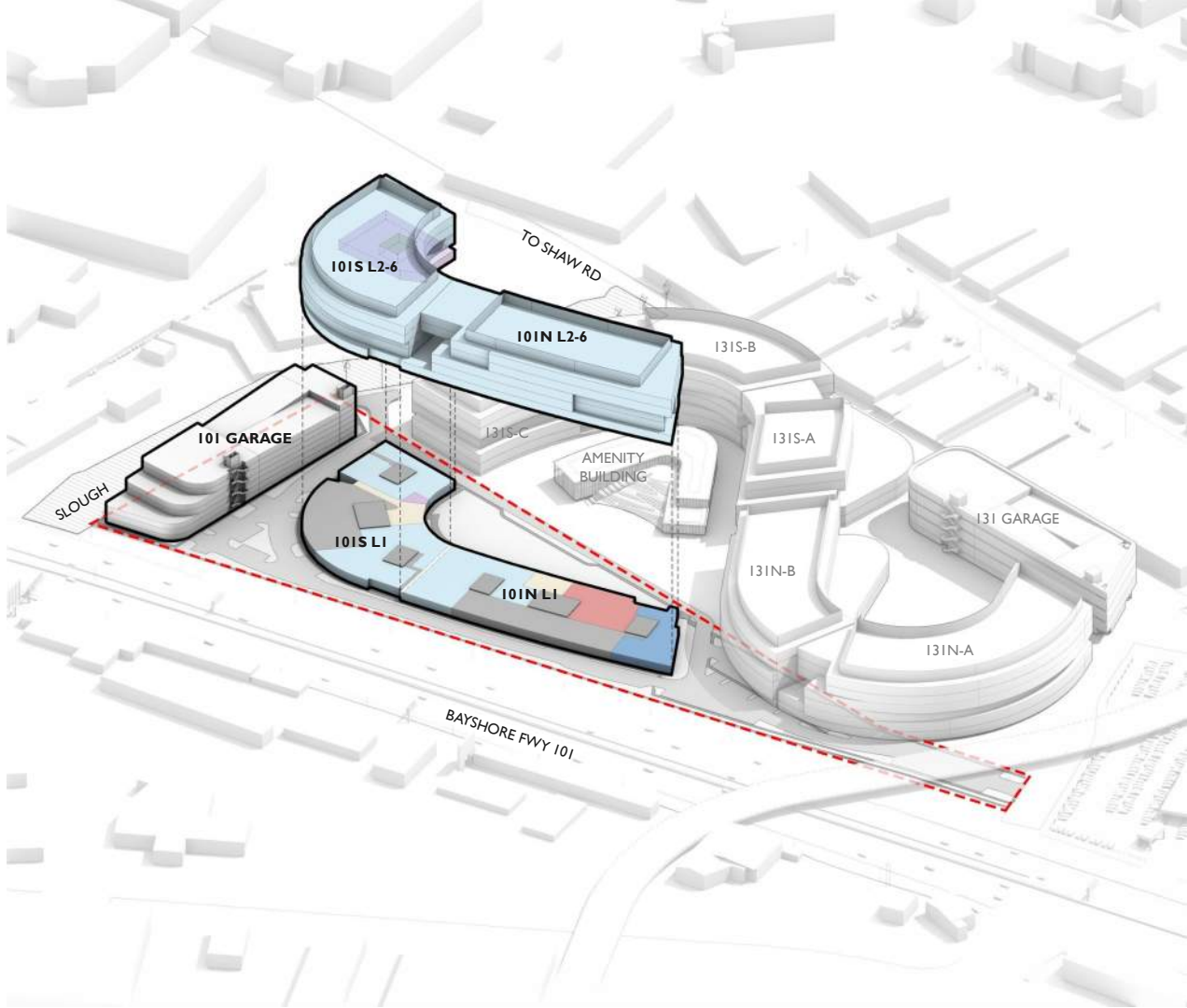


INFINITE 101

SKIDMORE, OWINGS & MERRILL LLP



# Site Program Strategy



## Program Key

R&amp;D

Lobby

 Conference

Restaurant

## Fitness

BOH

INFINITE 101

SKIDMORE, OWINGS & MERRILL LLP

# Open Space Sequence





An architectural rendering of a modern, curved building with a glass facade, surrounded by a lush, green landscape. The scene is filled with various trees, including some with red autumn foliage on the left. In the foreground, there are people sitting on orange chairs, a person on a bicycle, and a person in a wheelchair. The overall atmosphere is vibrant and active.

# Activated Landscape





# Dynamic Gateway Presence

An architectural rendering of a modern building complex featuring articulated massing. The building consists of several interconnected volumes with varying heights and setbacks. The facades are primarily composed of large glass panels and vertical wooden slats. A prominent feature is a large, curved glass section on the left. The building is surrounded by landscaped areas with greenery and trees. The sky is blue with light clouds.

# Articulated Massing





# Iconic Design



# Facade Design



view from the 101 freeway

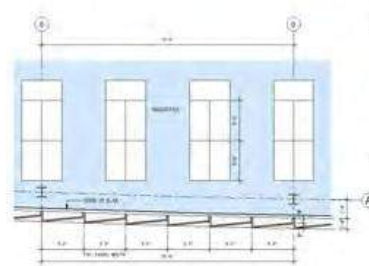


view from internal courtyard

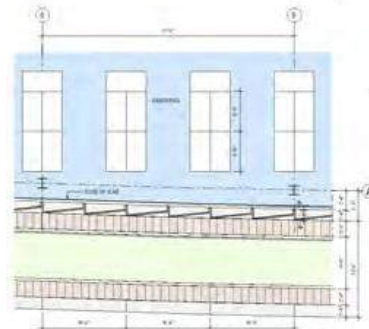




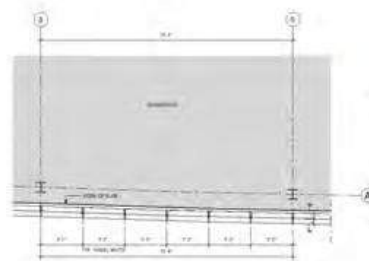
# Building Section



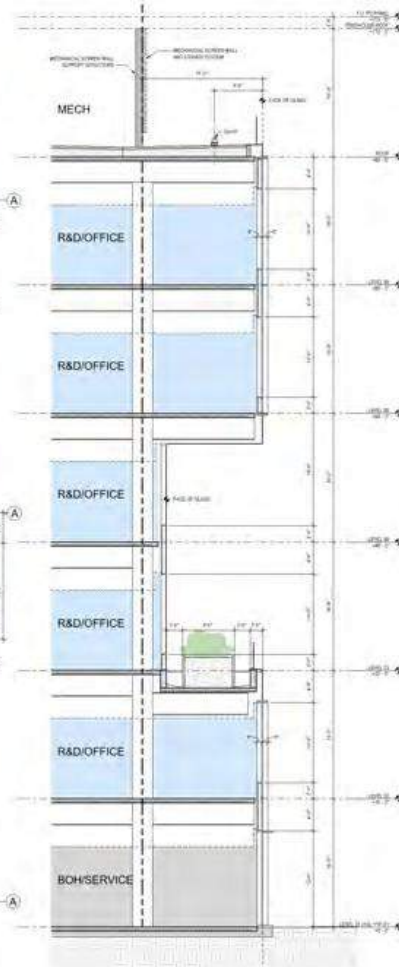
ENLARGED TYP. PLAN 24  
Scale: 1/4" = 1'-0"



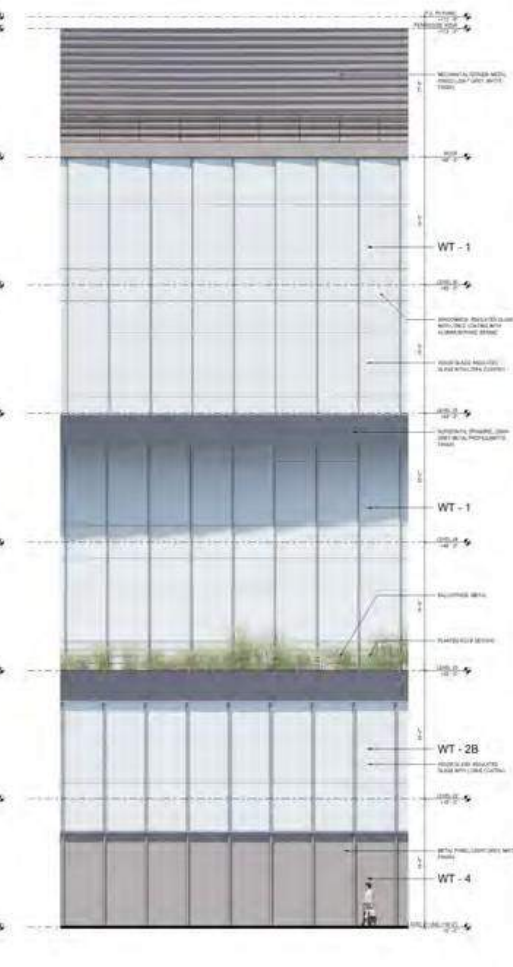
ENLARGED TYP. PLAN @ TERRACE 22  
Scale: 1/4" = 1'-0"



ENLARGED TYP. PLAN @ BOH/SERVICE 21  
Scale: 1/4" = 1'-0"



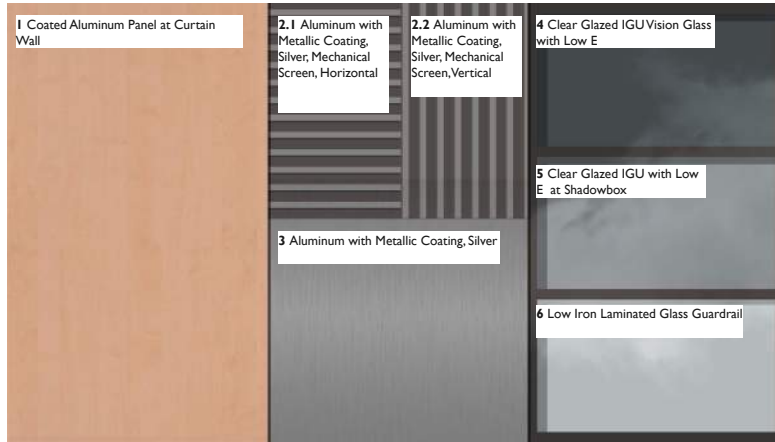
ENLARGED TYP. WALL SECTION 11  
Scale: 1/4" = 1'-0"



ENLARGED TYP. ELEVATION 1  
Scale: 1/4" = 1'-0"

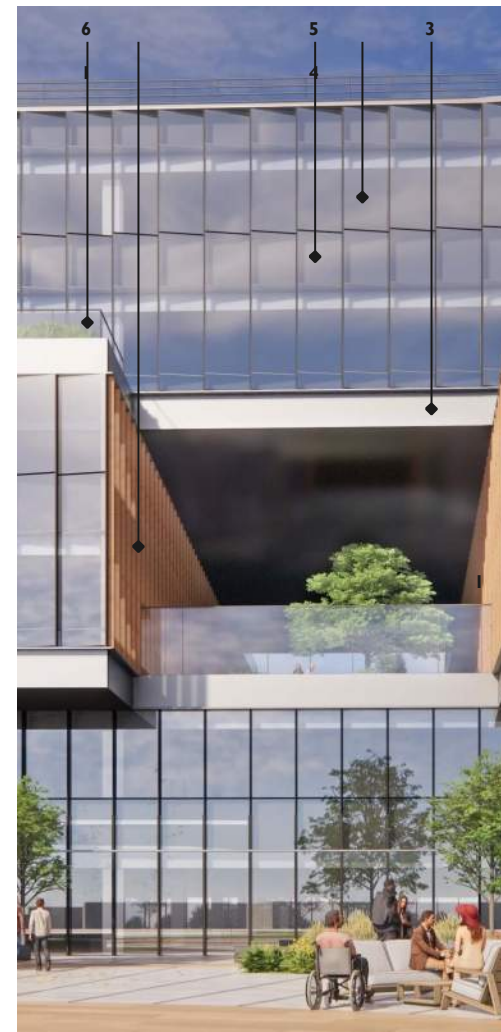


# Facade System



TERMINAL 101

SKIDMORE, OWINGS & MERRILL LLP



# Infinite 101 Garage

View looking North on 101

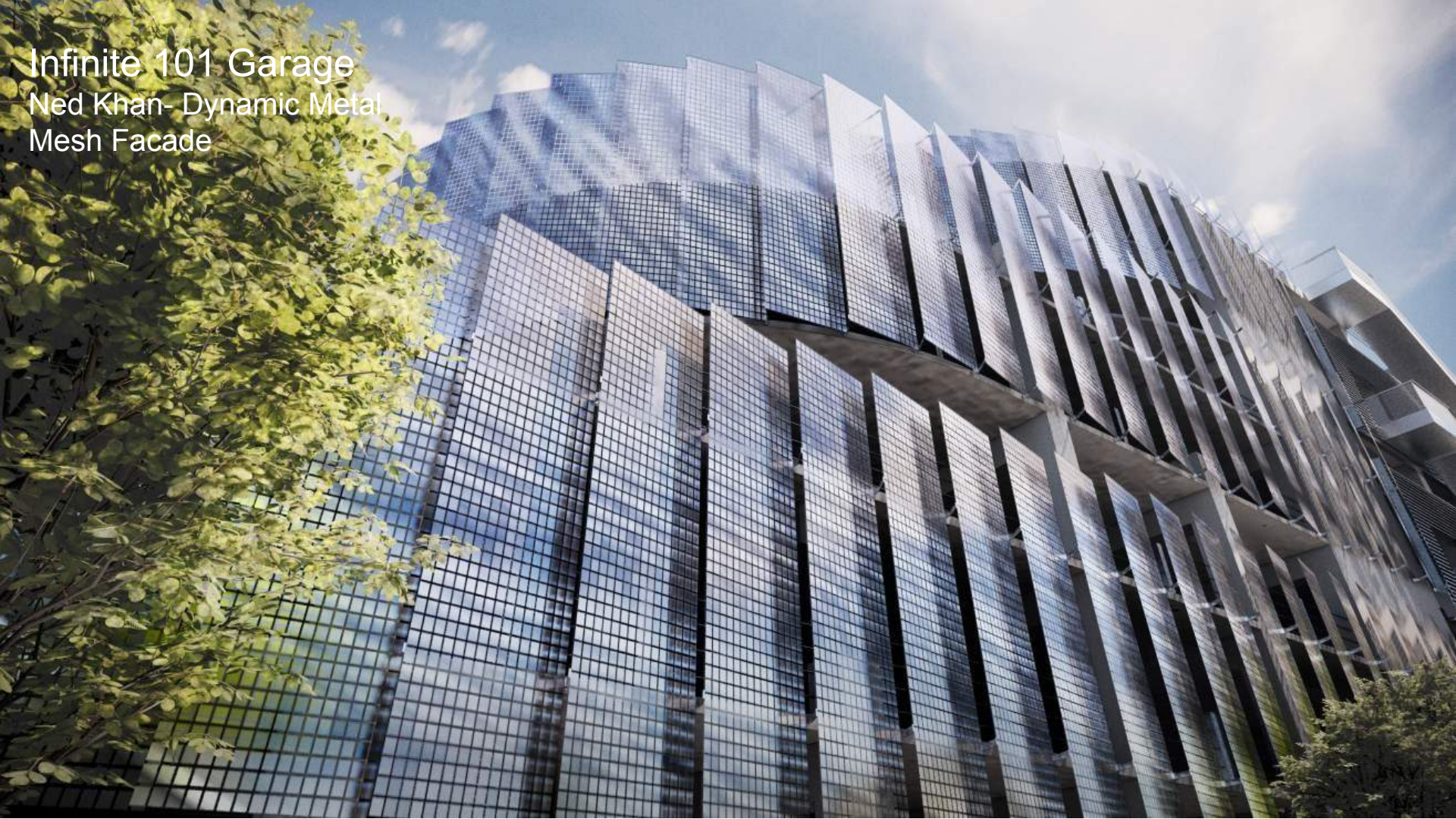






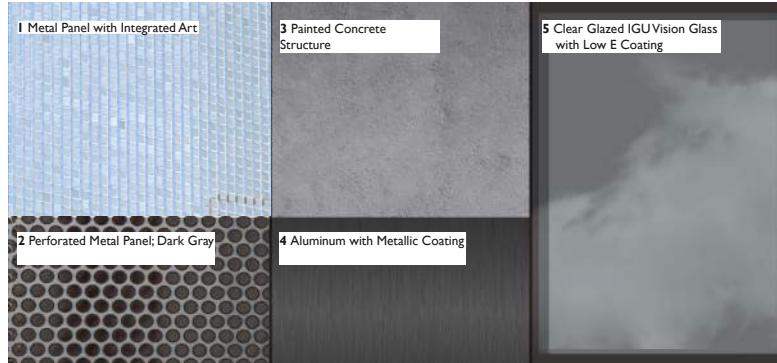
# Infinite 101 Garage

Ned Khan- Dynamic Metal  
Mesh Facade





# Infinite 101 Garage - Facade Systems



INFINITE 101  
SKIDMORE, OWINGS & MERRILL LLP







# GENESIS TOWER & GARAGE

SOUTH SAN FRANCISCO, CA

## NORTH TOWER METRICS

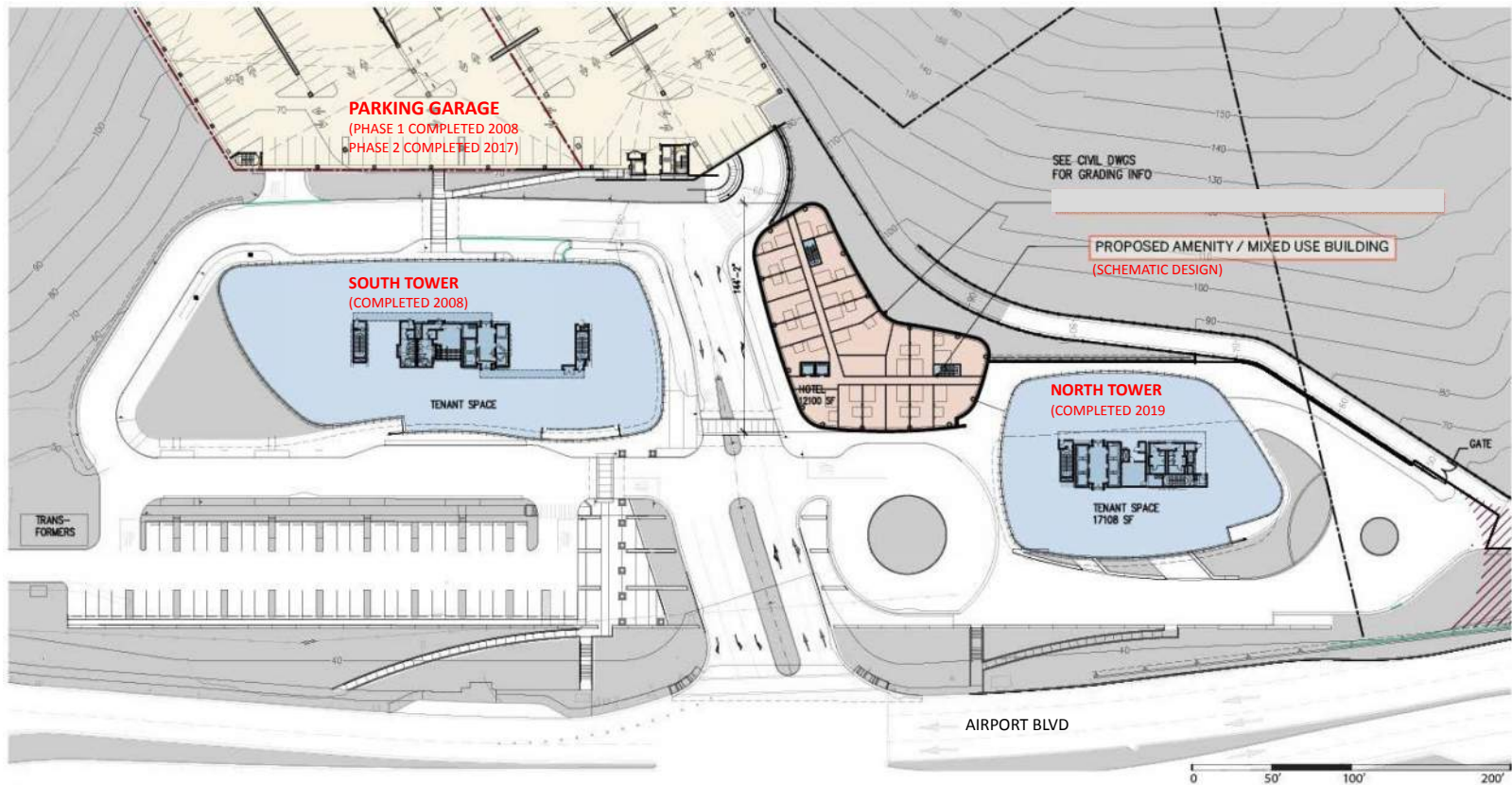
PROGRAM	R&D LABORATORIES / OFFICE, AMENITY (FITNESS & CONFERENCE CENTER)
NUMBER OF FLOORS	21
BUILDING HEIGHT	320'-0"
TYPICAL FLOOR AREA	20,000 GSF
RETAIL AREA	6,000 GSF
GROSS BUILDING AREA	375,000 GSF
STATUS	COMPLETED 2020

## PROJECT TEAM

**SOM:**  
MICHAEL DUNCAN  
KEITH BOSWELL  
STEVE SOBEL  
HARDIK UDANI  
DAVID LOO

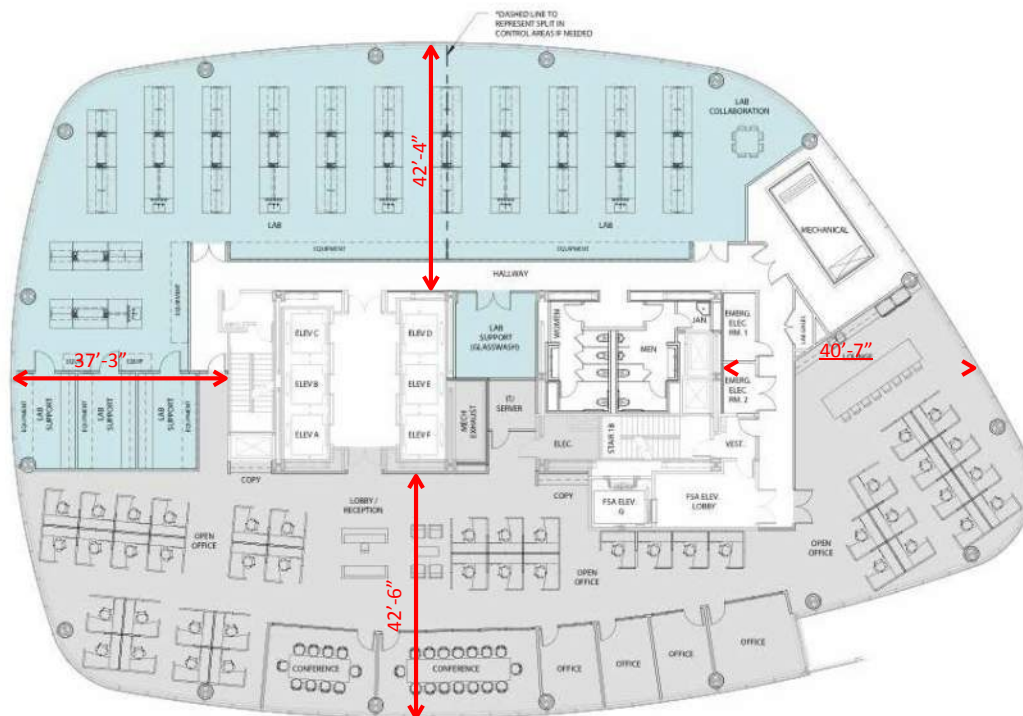
GENERAL CONTRACTOR	SWINERTON CONSTRUCTION
CURTAIN WALL CONTRACTOR	BENSON CURTAIN WALL AND GLASS
INTERIOR ARCHITECT	McFARLANE ARCHITECTS





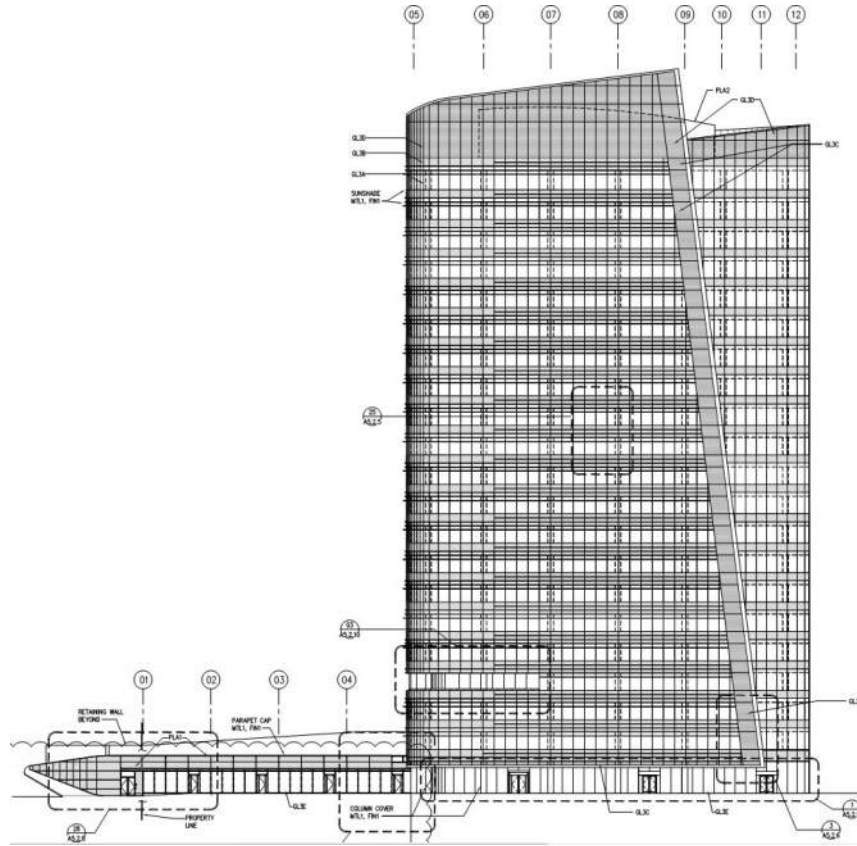
SITE PLAN



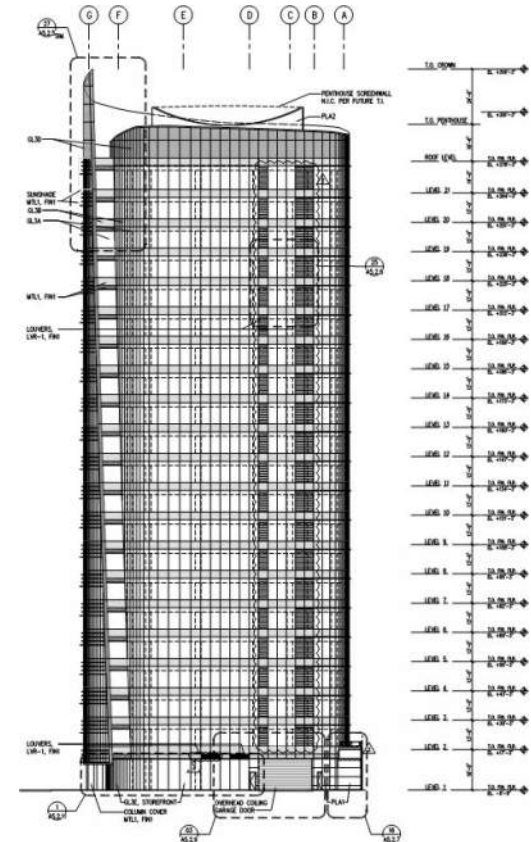

$$1/16'' = 1'-0''$$

06-02-17





EAST ELEVATION



NORTH ELEVATION









