# 500 & 550 Ellis Street

MOUNTAIN VIEW, CA





500 & 550 ELLIS ST. MOUNTAIN VIEW, CA

**COVER SHEET** 

### PROJECT DESCRIPTION

THIS PROJECT PROPOSES THE CONSTRUCTION OF A 6 STORY, 201 GUEST ROOM HOTEL AND A 2 STORY OFFICE BUILDING ON A 2.16 ACRE SITE. THERE ARE CURRENTLY A TOTAL OF TWO SEPARATE PARCELS. THE PROPOSAL INCLUDES A LOT MERGER TO CREATE ONE PARCEL WHEN COMPLETE. THE PROJECT SCOPE ALSO INCLUDES THE CONSTRUCTION OF NEW CURBS, GUTTERS, AND SIDEWALKS ALONG ELLIS STREET AND NATIONAL AVENUE.

THIS PROJECT FULFILLS THE EMPLOYMENT CHARACTER AREA NORTH TARGET OF 200 HOTEL ROOMS PROPOSED IN THE EAST WHISMAN PRECISE PLAN WITH 201 HOTEL ROOMS. THE PROJECT ALSO PROVIDES 33,900 SF OF THE TARGET 600,000 - 1 MILLION NET NEW OFFICE SQUARE FOOTAGE, AND PROPOSES A 0.15 ACRE (6,710 SF) PUBLIC PASEO INBETWEEN THE TWO BUILDINGS AS OUTDOOR AMENITY SPACE.

FOR THE HOTEL, LOCATED AT A "KEY CORNER" PER THE PRECISE PLAN, AND THE OFFICE, SHARED PARKING IS ACCESSED FROM NATIONAL AVENUE AND THE REAR DRIVEWAY. AS THE PROJECT IS LOCATED IN THE MEW PLUME SUPERFUND SITE, A MAJORITY OF THE SHARED PARKING IS ABOVE GROUND IN A PARKING LIFT STRUCTURE WITHIN THE HOTEL, CONCEALED FROM PUBLIC VIEW. THE AUTOMATED PARKING SYSTEM REDUCES THE AREA OF THE PROJECT SITE REQUIRED FOR PARKING COMPARED TO TRADITIONAL PARKING STRUCTURES. SOME SURFACE PARKING IS AVAILABLE BEHIND THE OFFICE BUILDING FOR VISITOR AND OVERSIZED VEHICLES. THE HOTEL AND OFFICE LOBBIES AND COMMON AREAS FACE ELLIS STREET ALONG THE GROUND FLOOR, ACTIVATING THE PEDESTRIAN EXPERIENCE.

HOTEL AMENITIES INCLUDE A FITNESS CENTER FOR HOTEL GUESTS ONLY, A PUBLIC RESTAURANT AND BAR, RESERVABLE MEETING FACILITIES, GROUND FLOOR COURTYARD PATIOS, AND PRIVATE SECOND FLOOR PATIOS. SEE SEPARATE PROJECT DESCRIPTION LETTER FOR MORE INFORMATION.

HOURS OF OPERATION FOR HOTEL: NUMBER OF WORKERS DURING THE DAY: 24 HOURS 16 WORKERS

HOURS OF OPERATION FOR OFFICE: NUMBER OF WORKERS DURING THE DAY:

9 HOURS (8 AM - 5 PM) 227 WORKERS

# **GUESTROOM DATA**

		UNIT TYPE		
FLOOR LEVEL	KING	DOUBLE QUEEN	SUITE	TOTAL
SECOND FLOOR	17	16	4	37
THIRD FLOOR	17	16	4	37
FOURTH FLOOR	17	16	4	37
FIFTH FLOOR	30	11	4	45
SIXTH FLOOR	30	11	4	45
TOTAL	111	70	20	201

#### **GUEST ROOM MIX:**

SUITES:

KING STUDIOS: DOUBLE QUEEN STUDIOS:

111 ROOMS (55%) 70 ROOMS (35%) 20 ROOMS (10%)

#### ADA ROOMS: (PER CBC 11B-224.2 & 11B-224.4 FOR 201 ROOMS)

MOBILITY FEATURES W/OUT ROLL-IN SHOWERS: 6 ROOMS MOBILITY FEATURES W/ ROLL-IN SHOWERS: 2 ROOMS TOTAL GUEST ROOMS W/ MOBILITY FEATURES 8 ROOMS

14 ROOMS **COMMUNICATION FEATURES: ADJOINING ROOMS:** 20 ROOMS

#### CBC 11B-224.1.3 RANGE OF ACCOMMODATIONS:

ACCESSIBLE GUEST ROOMS OR SUITES SHALL BE DISPERSED AMONG THE VARIOUS CLASSES OR SLEEPING ACCOMMODATIONS TO PROVIDE A RANGE OF OPTIONS APPLICABLE TO ROOM SIZES, COSTS, AND AMENITIES PROVIDED.

### PARKING DATA 2

**EV CHARGING SPACES REQ'D:** 

**EV2 CHARGERS** 

LEVEL 3/DC FAST CHARGERS

LEVEL 3/DC FAST CHARGERS

OFFICE (EAST WHISMAN PLAN, TABLE 16)

EV READY (REMAINDER)

HOTEL (CGBSC 5.106.4)

**EV CHARGING SPACES PROVIDED:** 

**EV READY** 

**BICYCLE PARKING REQ'D:** 

SHOWERS

SHORT-TERM

LONG-TERM

**BICYCLE PARKING PROVIDED:** 

SHORT TERM

SHORT-TERM

(MVCC 8.20.14 TABLE 101.10 & TABLE A5.106.5.3.2)

28 SPACES

30 SPACES

157 SPACES

7 SPACES\*

18 BICYCLES (1 PER 2,000 SF)

7 BICYCLES\*\* (1 PER 5.000 SF)

1 SHOWER (1 UNISEX / 80,000 SF)

10 BICYCLES (5% OF PARKING)

10 BICYCLES\*\*(5% OF PARKING)

32 BICYCLES (+4 THAN REQ'D)

24 BICYCLES (+7 THAN REQ'D)

25 BICYCLES MIN.

56 BICYCLES

LONG-TERM BICYCLE PARKING ROOM SHARED

BETWEEN THE HOTEL AND OFFICE.

180 SPACES

PARKING: HOTEL (ZONING CODE	, SEC. 36.32.50)
REQUIRED:	209 SPACES (1 PER ROOM
	+ 1 PER 2 EMPLOYEES)
PROVIDED:	117 SPACES
NET DIFFERENCE:	- 92 SPACES
PARKING: OFFICE (EAST WHISMA	N PLAN, TABLE 14)
REQUIRED:	0 SPACES
	(2.9 SPACES/1,000 SF MAX)
PROVIDED:	70 SPACES
	(1.9 SPACES PER 1,000 SF)

**TOTAL PARKING PROVIDED:** 173 SPACES PARKING LIFT: **SURFACE PARKING** 14 SPACES 187 SPACES

8 SPACES

**NET DIFFERENCE:** 

LOADING SPACES REQUIRED (MUNICIPAL CODE TABLE 36.31-1): 4 6 SPACES (1 PER 10 - 30,000 SF, + 1/ADD'L 20,00 SF) 2 SPACES (1 FREIGHT & 1 TRASH)

+ 70 SPACES

LOADING SPACES PROVIDED: 2 SPACES (1 FREIGHT & 1 TRASH) HOTEL: 2 SPACES (1 FREIGHT & 1 TRASH)

ADA PARKING REQUIRED (CBC TABLE 11B-208.2)\*: VAN ACCESSIBLE SPACE STANDARD ACCESSIBLE SPACES 6 SPACES

ACCESSIBLE EV REQUIRED (CBC TABLE 11B-228.3.2.1)\*: STANDARD ACCESSIBLE 1 SPACE **OSPACES** AMBULATORY

MAJORITY OF PARKING SPACES, INCLUDING EV CHARGING SPACES, ARE PROVIDED IN AUTOMATED PARKING LIFT STRUCTURE. FOR MORE INFORMATION, SEE SHEET A6.6.

### PROJECT DATA

ADDRESS:	500 & 550 ELLIS STREET
APN:	160-54-025 & 160-54-016 (LOTS 2 & 3)
SITE AREA:	94,027 SF (2.16 ACRES)
LOT 2	40,001 SF (0.92 ACRES)
LOT 3	54,026 SF (1.24 ACRES)
SITE COVERAGE:	
existing:	34.8% (32,734 SF/94,027 SF)
PROPOSED:	48.2% (45,354 SF/ 94,027 SF)
FLOOR AREA RATIO (F.A.R.):	(EAST WHISMAN PLAN, TABLE 8)
MAXIMUM F.A.R. (NO	n-residential)
ALLOWED BASE	: 0.40 (37,611 S
maximum w/ e	30NUS: 1.00 (94,027 S

MAXIMUM F.A.R. (HOTEL) 1.00 (94,027 SF) **ALLOWED BASE:** MAXIMUM W/ BONUS: HOTEL 2.00 (188,054 SF) MAXIMUM W/ BONUS: MIXED-USE HOTEL 2.50 (235,068 SF) EXISTING: 0.37 0.33 LOT 3 PROPOSED: OFFICE (37,611 SF/94,027 SF) 0.40 = 0.40 (OKAY)HOTEL (168,647 SF/94,027 SF) 1.79 < 2.00 (OKAY)

**0.79** (+74,620 SF) /1 /2 **BONUS HOTEL FAR REQUESTED 2.19** < 2.50 (OKAY) MIXED-USE HOTEL + OFFICE W/ PARKING LIFT STRUCTURE (206,258 SF/94,027 SF)

EMPLOYMENT CHARACTER AREA **ZONING:** SPECIAL FLOOD HAZARD ZONE: FEMA ZONE X - AREA WITH REDUCED FLOOD RISK DUE TO LEVEE EAST WHISMAN PRECISE PLAN PRECISE PLAN:

**USE:** EXISTING USE: PROPOSED USE: HOTEL W/ STRUCTURED PARKING + OFFICE W/ STRUCTURED PARKING

#### \*SEE SHEETS A1.0 - A1.2 FOR FULL BUILDING CODE ANALYSIS

TYPE OF CONSTRUCTION: HOTEL: TYPE 1A, TYPE II-B LOWER, TYPE III-A UPPER OFFICE: TYPE V-B

**SPRINKLERS:** NFPA-13 **OCCUPANCIES:** HOTEL: R-1, A-2, B, S-2 OFFICE: B, S-2

**NUMBER OF STORIES:** 1 STORY EXISTING 2 STORIES OFFICE: 6 STORIES

### BUILDING HEIGHT: SEE ELEVATIONS ON SHEETS A5.0-A5.5 & CODE ANALYSIS

100'-0" (PER EWPP), 85'-0" O/ UNLIMITED (PER CBC) PROPOSED OFFICE: 45'-0" (TOP OF STAIR TOWER), 49'-1/2" FROM CURB 87'-2" (TOP OF HOTEL TOWER), 87'-9 1/2" FROM CURB PROPOSED HOTEL **EXISTING FLOOR AREAS:** 

OFFICE (LOT 2) 14,700 SF OFFICE (LOT 3) 18,034 SF 32,734 SF TOTAL **OVERALL BUILDING AREAS:** 

37,611 SF OFFICE (LOT 2) 168,647 SF /4\ HOTEL (LOT 3) 206,258 SF

### 2 LANDSCAPE AREA (EAST WHISMAN PLAN, TABLE 8): SEE DIAGRAM ON SHEET A3.6

REQUIRED 23,507 SF (25% OF LOT AREA) 28,097 SF (30% OF LOT AREA) /3 /4 /5 **PROPOSED** COMMON USEABLE OPEN AREA (EAST WHISMAN PLAN, TABLE 8): SEE DIAGRAM ON A3.5

5,642 SF (150 SF/1,000 SF x 37,611 SF)REQUIRED: NON-RESIDENTIAL PROPOSED: NON-RESIDENTIAL 8,583 SF (228 SF/1,000 SF) /5 REQUIRED: HOTEL 4,020 SF (20 SF/ROOM x 201 ROOMS) PROPOSED: HOTEL 4,021 SF (20 SF/ROOM)

\*FOR PUBLICLY ACCESSIBLE OPEN SPACE, SEE DIAGRAM ON A3.5b /4\

# HOTEL BUILDING AREA: (SEE SHEET A 1.0 FOR FLOOR AREA DIAGRAMS)

1ST FLOOR: HOTEL 19,960 SF PARKING 8,284 SF TOTAL 28,244 SF 2ND FLOOR: 22,601 SF **HOTEL** PARKING 10,240 SF TOTAL 32,841 SF 3RD FLOOR: 22,601 SF **HOTEL** PARKING 10,240 SF **TOTAL** 32,841 SF 4TH FLOOR: 22,601 SF **HOTEL** PARKING 10,240 SF TOTAL 32,841 SF 20,940 SF 5TH FLOOR: **6TH FLOOR** 20,940 SF 168,647 SF

**GROSS (PARKING EXCLUDED)** 129,643 SF OFFICE BUILDING AREA: (SEE SHEET A1.1 FOR FLOOR AREA DIAGRAMS)

1ST FLOOR: 15,442 SF OFFICE BIKE PARKING/SHOWER\* **TOTAL** 15,988 SF /<sub>5</sub> 2ND FLOOR: 22,169 SF 38,177 SF 37,611 SF GROSS (AREAS MARKED WITH \* EXCLUDED)

### PROJECT DIRECTORY

#### PROJECT APPLICANT

TBA c/o DAN CUNNINGHAM 3197 PARK BOULEVARD PALO ALTO, CA 94306

ATTN: DAN CUNNINGHAM PHONE: (650) 849-9900

EMAIL: DAN.CUNNINGHAM@VANCEBROWN.COM

#### **ARCHITECT**

ARRIS STUDIO ARCHITECTS 1327 ARCHER STREET, SUITE 220 SAN LUIS OBISPO, CA 93401 ATTN: THOM JESS PHONE: (805) 547-2240 EMAIL: TJESS@ARRIS-STUDIO.COM

### **ELECTRICAL ENGINEER (PHOTOMETRICS)**

JMPE ELECTRICAL ATTN: JOHN MALONEY PHONE: (805) 569-9216 EMAIL: MALONEY@JMPE.COM

#### LANDSCAPE ARCHITECT

SWA GROUP ATTN: RENE BIHAN PHONE: (415) 254-4652 EMAIL: RBIHAN@SWAGROUP.COM

#### **CIVIL ENGINEER**

HOHBACH-LEWIN, INC. BILL HENN ATTN:

PHONE: (650) 617-5930 x263 EMAIL: BHENN@HOHBACH-LEWIN.COM

# APPLICABLE CODES

2022 CALIFORNIA BUILDING CODE (CBC)

2022 CALIFORNIA ELECTRICAL CODE (CEC) 2022 CALIFORNIA MECHANICAL CODE (CMC)

2022 CALIFORNIA PLUMBING CODE (CPC)

2022 CALIFORNIA ENERGY CODE 2022 CALIFORNIA HISTORICAL BUILDING CODE

2022 CALIFORNIA FIRE CODE 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CGBC)

& MOUNTAIN VIEW AMENDMENTS (MVGBC) 2022 CALIFORNIA REFERENCE STANDARDS CODE

10. NATIONAL FIRE CODE (NFPA) 11. LOCAL MUNICIPAL CODE

### CONSTRUCTION STAGING

CONSTRUCTION STAGING AND TRAFFIC CONTROL PLANS

REQUIRED AS PART OF THE BUILDING PERMIT SUBMITTAL. PARKING FOR CONSTRUCTION MUST BE PROVIDED ON

### **DEFERRED PERMITS**

FIRE UNDERGROUND SERVICE

FIRE SPRINKLER SYSTEM

FIRE SPRINKLER MONITORING/ FIRE ALARM SYSTEM

SIGNAGE (SHOWN FOR REFERENCE ONLY) /2

### **SETBACKS**

### **SETBACKS:**

**ACTIVE PRIORITY FRONTAGES** 10', 5' FROM ELLIS ST. 15', 10' FROM ELLIS ST. OTHER FACADES 20' FROM ELLIS ST. MAXIMUM

#### **RIGHT-OF-WAY ENCROACHMENTS:**

MINOR ARCHITECTURAL ELEMENTS, SUCH AS AWNINGS, CANOPIES AND SIGNAGE, MAY ENCROACH INTO THE PUBLIC RIGHT-OF-WAY, SUBJECT TO CITY APPROVAL. THESE ENCROACHMETS SHALL BE LOCATED AT LEAST 8' ABOVE GRADE.

#### **SETBACK ENCROACHMENTS:**

MAJOR ARCHITECTURAL ELEMENTS, SUCH AS BALCONIES AND BAY WINDOWS, MAY ENCROACH INTO THE FRONT SETBACK AREAS A MAXIMUM OF 5', PROVIDED THE TOTAL AREA OF ALL ELEMENTS DOES NOT EXCEED 35% OF THE BUILDING FACADE AREA.

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DESIGN EXCELLENCE STRATEGY DESIGN EXCELLENCE STRATEGY DESIGN EXCELLENCE STRATEGY DESIGN EXCELLENCE STRATEGY

**EXIT & OCCUPANCY DIAGRAM** EXIT & OCCUPANCY DIAGRAM - OFFICE

FLOOR AREA DIAGRAM - HOTEL FLOOR ARFA DIAGRAM

CONTEXTUAL SITE PHOTOS CONTEXTUAL SITE PHOTOS CONTEXTUAL SITE PHOTOS

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**BUILDING ELEVATIONS - HOTEL BUILDING ELEVATIONS - HOTEL** BUILDING ELEVATIONS - HOTEL

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SHEETS W/ AN ASTERICK HAVE

NOT BEEN UPDATED TO REFLECT

CHANGES MADE IN RESPONSE TO

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LANDSCAPE: 28

**EPC COMMENTS** 

TOTAL: 115

PLANTING DETAILS

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IRRIGATION DETAILS

IRRIGATION DETAILS

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SCHEDULES L0.02 TREE INVENTORY

# VICINITY MAP

### PROJECT SITE





500 & 550 ELLIS ST. MOUNTAIN VIEW, CA

**PROJECT DATA** 

**A0.1** 

10/13/2023

24x36: 11x17:

### PUBLIC WORKS REQUIREMENTS

#### **INFORMATIONAL**

THE FOLLOWING ITEMS WILL BECOME PART OF THE PROJECT CONDITIONS OF APPROVAL (LIST DOES NOT INCLUDE ALL FUTURE PROJECT CONDITIONS):

(A) PRIOR TO ISSUANCE OF ANY BUILDING PERMITS, THE OWNER SHALL DEDICATE A PUBLIC ACCESS EASEMENT (PAE), COVENANTS, AGREEMENTS, AND DEED RESTRICTIONS ON PRIVATE PROPERTY FOR THE PROPOSED PUBLIC PASEO. THE DEDICATION SHALL INDICATE

c) PUBLIC ACCESS SHALL BE GRANTED FOR NONAUTOMOTIVE USE;

d) OWNER SHALL MAINTAIN, INSPECT, AND MONITOR THE PAE IMPROVEMENTS IN GOOD ORDER, CONDITION, AND REPAIR AND IN COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA);

e) THE PAE SHALL RUN WITH THE LAND AND BE BINDING UPON ANY SUCCESSORS;

f) IF OWNER SHALL FAIL TO ABIDE BY PAE, OWNER AGREES TO PAY ALL REASONABLE COSTS AND EXPENSES INCURRED BY CITY IN ENFORCING THE PERFORMANCE OF SUCH OBLIGATIONS; AND

g) OWNER AGREES TO DEFEND, AND HOLD CITY, ITS OFFICERS, EMPLOYEES, AGENTS, AND VOLUNTEERS HARMLESS FROM ANY LIABILITY FOR DAMAGE OR CLAIMS FOR DAMAGE FOR PERSONAL INJURY, INCLUDING, BUT NOT LIMITED TO, DEATH AND/OR PROPERTY DAMAGE CAUSED BY NEGLIGENT ACTS, ERRORS, OR OMISSIONS IN PERFORMANCE OF SERVICES OR OPERATIONS UNDER THE DEDICATION, INCLUDING MAINTENANCE OPERATIONS PERFORMED ON THE PAE BY OWNER OR OWNER'S CONTRACTORS, SUBCONTRACTORS, AGENTS, OR EMPLOYEES.

ASSOCIATED IMPROVEMENTS WITHIN THE PAE (PAE IMPROVEMENTS) SHALL BE CONSTRUCTED BY THE OWNER AND APPROVED BY THE CITY.

(B) THE PROJECT IS IN OR NEAR AN AREA OF KNOWN SOIL AND GROUNDWATER CONTAMINATION, MIDDLEFIELD ELLIS WHISMAN SUPERFUND. PERMITTEE/CONTRACTOR IS RESPONSIBLE FOR WORKING WITH THE ENVIRONMENTAL PROTECTION AGENCY (EPA), THE LEAD REGULATORY AGENCY, TO OBTAIN THE APPROPRIATE CLEARANCES AND/OR RECOMMENDATIONS FOR WORK IN THE CONTAMINATED AREA.

(C) APPLICANT WILL BE REQUIRED TO PAY WATER AND SEWER CAPACITY FEES, TRANSPORTATION IMPACT FEE, AND ALL APPLICABLE PW DEVELOPMENT FEES PRIOR TO BUILDING PERMIT ISSUANCE.

(D) EAST WHISMAN DEVELOPMENT IMPACT FEE: PRIOR TO ISSUANCE OF ANY BUILDING PERMITS, THE APPLICANT SHALL PAY THE EAST WHISMAN DEVELOPMENT IMPACT FEE FOR THE DEVELOPMENT. RESIDENTIAL CATEGORY FEES ARE BASED ON THE NUMBER OF EACH TYPE OF UNIT. OFFICE/R&D AND RETAIL CATEGORY FEES ARE BASED ON THE SQUARE FOOTAGE OF THE DEVELOPMENT. HOTEL CATEGORY FEES ARE BASED ON THE NUMBER OF ROOMS. CREDIT IS GIVEN FOR THE EXISTING SITE USE(S), AS APPLICABLE. THIS FEE IS BASED ON THE EAST WHISMAN NEXUS STUDY APPROVED BY THE CITY COUNCIL ON MAY 24, 2022.

(E) THE APPLICANT SHALL ENTER INTO THE FOLLOWING AGREEMENTS WITH THE CITY: a) IMPROVEMENT AGREEMENT

(F) APPLICANT WILL BE REQUIRED TO UNDERGROUND EXISTING OVERHEAD SERVICES.

(G) POTHOLING OF EXISTING UNDERGROUND UTILITIES TO DETERMINE DEPTH AND LOCATION WILL BE REQUIRED PRIOR TO FIRST SUBMITTAL OF IMPROVEMENT PLANS.

(H) ON-SITE FIRE LINES, POST INDICATOR VALVES, FIRE DEPARTMENT CONNECTIONS, AND DETECTOR CHECKS ALSO REQUIRE APPROVAL FROM THE CITY'S FIRE PROTECTION ENGINEER.

(I) ALL EXISTING UTILITY VAULTS, MANHOLES, BOXES, ETC. MUST BE RELOCATED OUT OF THE SIDEWALK AND MOVED BEHIND THE NEW FACE-OF-CURB OR 10' PUE.

(J) CONSTRUCT NEW CURB, GUTTER, CURB RAMPS, DRIVEWAYS, AND SIDEWALK ALONG THE PROJECT FRONTAGES OF ELLIS STREET

AND NATIONAL AVENUE PER CITY STANDARD. (K) ALL NEW ACCESS RAMPS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA) REQUIREMENTS. EXISTING

NONCONFORMING ACCESS RAMPS SHALL BE RECONSTRUCTED TO COMPLY WITH THE CURRENT ADA REQUIREMENTS.

(L) RED CURBS ADJACENT TO THE DRIVEWAY ENTRANCE SHALL BE PAINTED A MINIMUM OF 10' IN EACH DIRECTION, OR AS

DETERMINED AND APPROVED BY THE CITY TRAFFIC ENGINEER. (M) ALL STRIPING DAMAGED AS PART OF CONSTRUCTION AND PAVEMENT WORK SHALL BE REPLACED WITH THERMOPLASTIC STRIPING

(N) ALL EGRESS POINTS TO PUBLIC STREETS OR PUBLIC EASEMENTS SHALL BE STOP-CONTROLLED WITH PROPER SIGNAGE AND MARKINGS IN ORDER TO CONTROL CONFLICT POINTS WITH PEDESTRIANS, BICYCLISTS, AND VEHICLES AS THEY ENTER A PUBLIC ROADWAY AND THEREFORE IMPROVE SAFETY.

### **PAREQUIREMENTS**

THE EPA REQUIRES THE INSTALLATION OF A VAPOR BARRIER AND A PASSIVE SUB-SLAB VENTILATION SYSTEM (WITH THE ABILITY TO BE MADE ACTIVE AT A FUTURE DATE) IN ANY NEW CONSTRUCTION WITHIN THE MEW SUPERFUND STUDY AREA.

FURTHER REQUIREMENTS TO BE COORDINATED WITH THE EPA FOR BUILDING SUBMITTAL.

TO THE SATISFACTION OF THE CITY TRAFFIC ENGINEER.

### PRELIMINARY LEED CHECKLIST



### LEED v4 for BD+C: New Construction and Major Renovation

**Project Checklist** 

Project Name: 500 & 550 Ellis Street, Mountain View, CA Date: 05/02/2022

v	?					Dat	e: <b>0</b>	5/0:	2/2022	
ı	,	N	Credit	Integrative Process	Rěi					
16	0	0	Locati	on and Transportation	16	13	0	0	Materia	als a
		0	Credit	LEED for Neighborhood Development Location	16	Y			Prereq	Stor
1			Credit	Sensitive Land Protection	1	Y			Prereq	Con
2			Credit	High Priority Site	2	5			Credit	Build
5			Credit	Surrounding Density and Diverse Uses	5	2			Credit	Build Dec
5			Credit	Access to Quality Transit	5	2			Credit	Build
			Credit	Bicycle Facilities	1	2			Credit	Build
1			Credit	Reduced Parking Footprint	1	2			Credit	Con
t			Credit	Green Vehicles	1					
						16	0	0	Indoor	Env
8.	0	0	Sustai	inable Sites	10	Y			Prereq	Mini
Υ			Prereq	Construction Activity Pollution Prevention	Required	Y			Prereq	Envi
1			Credit	Site Assessment	1	2			Credit	Enh
		0	Credit	Site Development - Protect or Restore Habitat	2	3			Credit	Low
1			Credit	Open Space	1	1			Credit	Con
3			Credit	Rainwater Management	3	2			Credit	Indo
2			Credit	Heat Island Reduction	2	1			Credit	The
1			Credit	Light Pollution Reduction	4	2			Credit	Inter
						3			Credit	Day
9	0	0	Water	Efficiency	11	1			Credit	Qua
Y			Prereq	Outdoor Water Use Reduction	Required	1			Credit	Aco
Y			Prereq	Indoor Water Use Reduction	Required					
Y			Prereq	Building-Level Water Metering	Required	0	0	0	Innova	ition
2			Credit	Outdoor Water Use Reduction	2			0	Credit	Inno
6			Credit	Indoor Water Use Reduction	6			0	Credit	LEE
		0	Credit	Cooling Tower Water Use	2					
1			Credit	Water Metering	1	4	0	0	Region	2277
23	0	0	Energ	y and Atmosphere	33	4			Credit	Reg Reg
Y	U	U	Prereq	Fundamental Commissioning and Verification	Required	4			Credit	Reg
Y			Prereq	Minimum Energy Performance	Required	1			Credit	Reg
Y			Prereq	Building-Level Energy Metering	Required	H.			12.250	ilog
Y			Prereq	Fundamental Refrigerant Management	Required	89	0	0	TOTAL	S

13	0	0	Mater	ials and Resources	13
Υ			Prereq	Storage and Collection of Recyclables	Required
Υ			Prereq	Construction and Demolition Waste Management Planning	Required
5			Credit	Building Life-Cycle Impact Reduction	5
2			Credit	Building Product Disclosure and Optimization - Environmental Product Declarations	2
2			Credit	Building Product Disclosure and Optimization - Sourcing of Raw Materials	2
2			Credit	Building Product Disclosure and Optimization - Material Ingredients	2
2			Credit	Construction and Demolition Waste Management	2

16	0	0	Indoor	r Environmental Quality	16
Y			Prereq	Minimum Indoor Air Quality Performance	Required
Y			Prereq	Environmental Tobacco Smoke Control	Required
2			Credit	Enhanced Indoor Air Quality Strategies	2
3			Credit	Low-Emitting Materials	3
1			Credit	Construction Indoor Air Quality Management Plan	1
2			Credit	Indoor Air Quality Assessment	2
1			Credit	Thermal Comfort	1
2			Credit	Interior Lighting	2
3			Credit	Daylight	3
1			Credit	Quality Views	1
1			Credit	Acoustic Performance	1

		0	Credit LEED Accredited Professional	1
4	0	0	Regional Priority	4
1			Credit Regional Priority: Specific Credit	- 4
1			Credit Regional Priority: Specific Credit	t
1			Credit Regional Priority: Specific Credit	i
t			Credit Regional Priority: Specific Credit	1

89 0	0	TOTA	LS	Possible Points:	110
1		Credit	Regional Priority: Specific Credit		1
1		Credit	Regional Priority: Specific Credit		1
1		Credit	Regional Priority: Specific Credit		- t

Certified: 40 to 49 points, Silver: 50 to 59 points, Gold: 60 to 79 points, Platinum: 80 to 110

PER EAST WHISMAN PRECISE PLAN, ALL NEW NON-RESIDENTIAL CONSTRUCTION PARTICIPATING IN THE BONUS FAR PROGRAM SHALL MEET THE INTENT OF **LEED BD+C PLATINUM** OR EQUIVALENT.

ALL NEW RESIDENTIAL CONSTRUCTION PARTICIPATING IN THE BONUS FAR PROGRAM SHALL ACHIEVE A MINIMUM OF 120 POINTS ON THE GREEN POINT RATED SYSTEM OR EQUIVALENT AND SUBMETER, OR USE OTHER APPROPRIATE TECHNOLOGY THAT CAN TRACK INDIVIDUAL ENERGY USE, FOR EACH RESIENTIAL UNIT.

### PUBLIC BENEFIT VALUE 3

PUBLIC BENEFIT VALUE: EAST WHISMAN (DEVELOPMENT FEES TABLE, FISCAL YEAR 2023-24)

NOT APPLICABLE

\$31.09/SF OVER 0.40 F.A.R. RESIDENTIAL/HOTEL \$6.22/SF OVER 1.0 F.A.R.

PROPOSED OFFICE

ALLOWED BASE F.A.R.: 0.40 (37,611 SF) PROPOSED F.A.R.: 0.40 (37,611 SF) 0.40 = 0.40 (OKAY)

**PUBLIC BENEFIT VALUE** 

Optimize Energy Performance

Renewable Energy Production

Enhanced Refrigerant Management

Green Power and Carbon Offsets

Advanced Energy Metering

Demand Response

PROPOSED HOTEL ALLOWED BASE F.A.R.: 1.00 (94,027 SF) PROPOSED F.A.R.: 1.79 (168,647 SF) BONUS F.A.R. REQUESTED 0.79 (+74,620 SF)

> **PUBLIC BENEFIT VALUE \$464,136.40** (74,620 SF x \$6.22/SF)

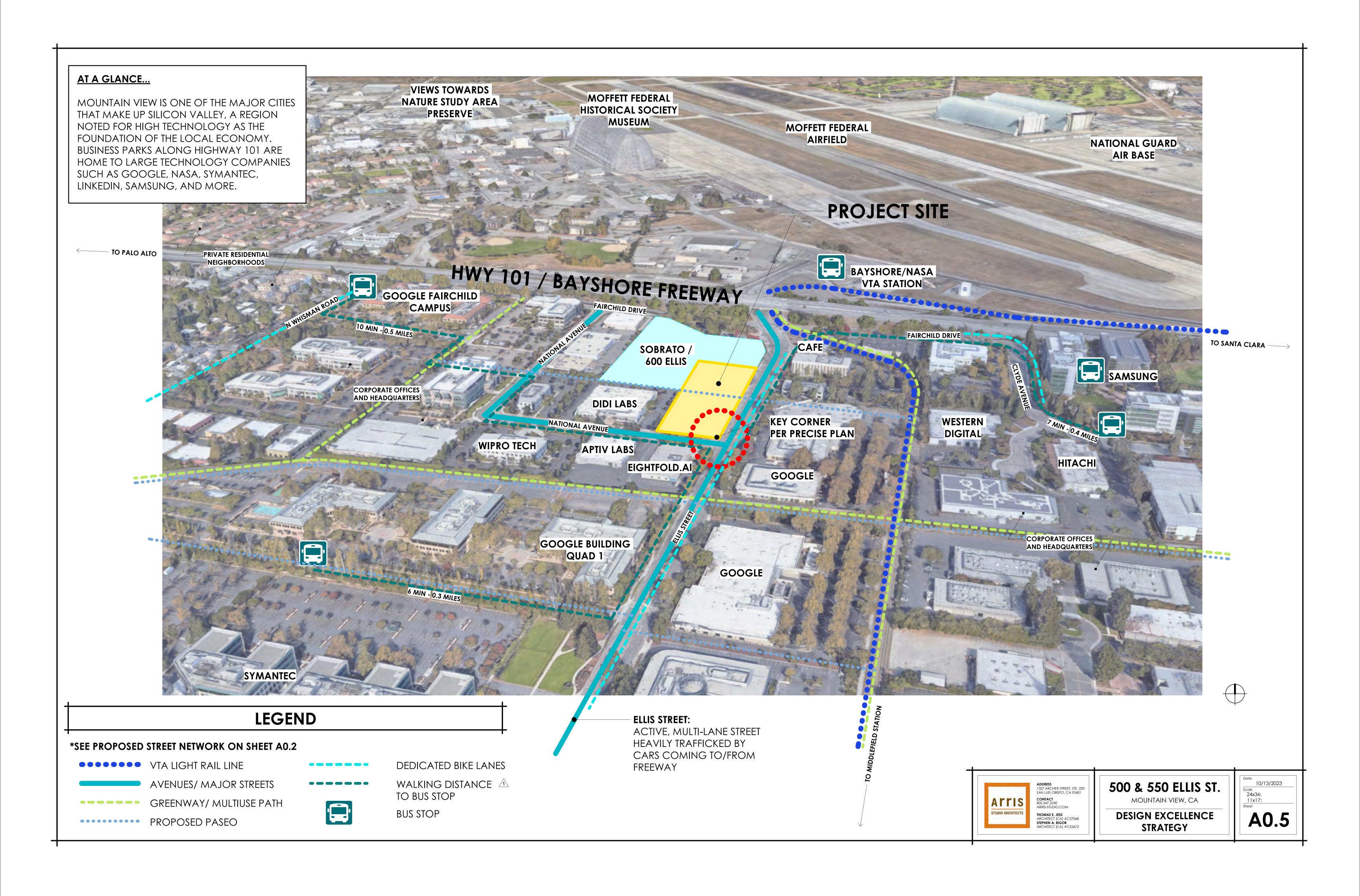
1327 ARCHER STREET, STE. 220 SAN LUIS OBISPO, CA 93401 STUDIO ARCHITECTS THOMAS E. JESS ARCHITECT (CA) #C27068 STEPHEN A. RIGOR

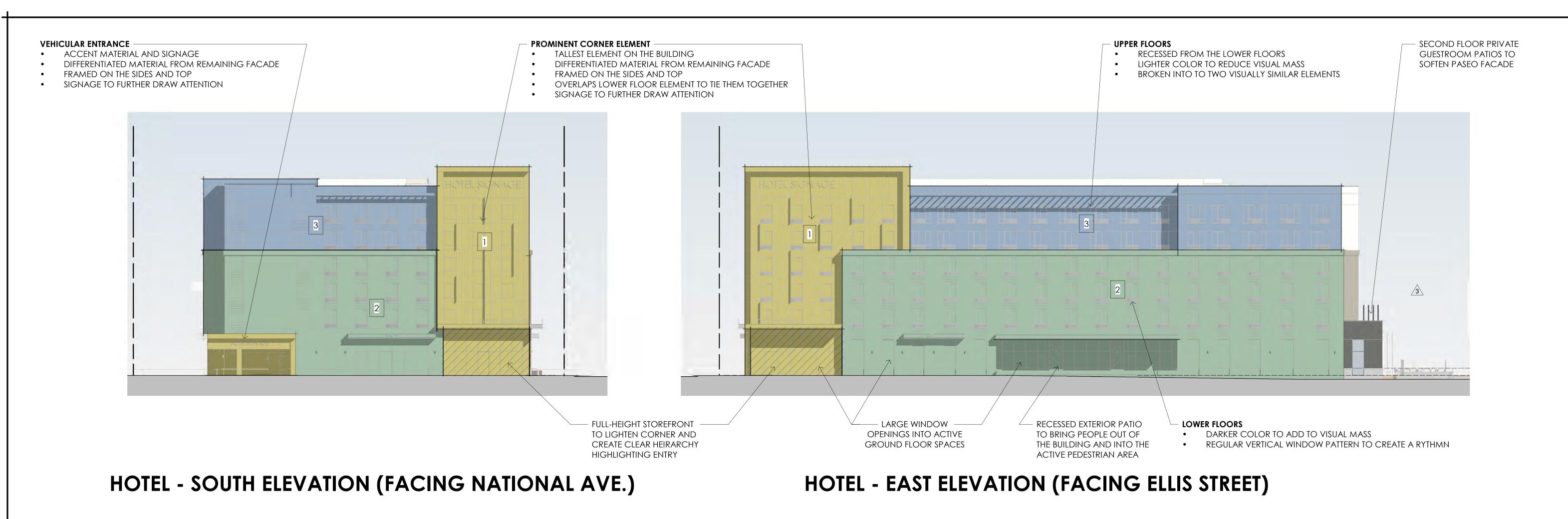
500 & 550 ELLIS ST. MOUNTAIN VIEW, CA

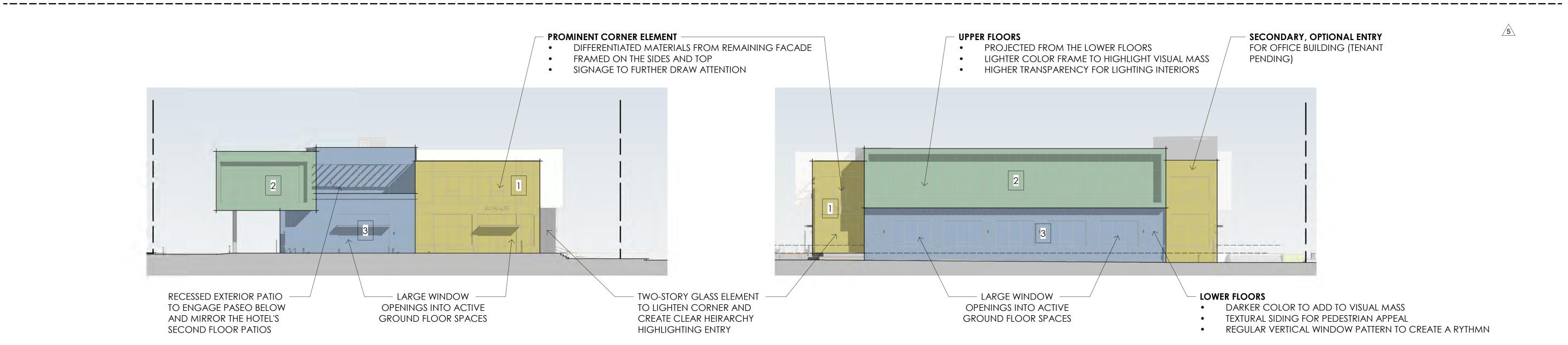
WORKS & EPA REQ'S

10/13/2023 24x36: 11x17:

LEED CHECKLIST, PUBLIC **A0.2**a







OFFICE - SOUTH ELEVATION (FACING PASEO)

OFFICE - EAST ELEVATION (FACING ELLIS STREET)



500 & 550 ELLIS ST.
MOUNTAIN VIEW, CA

DESIGN EXCELLENCE STRATEGY

10/13/2023
Scale
24x36: 1"=20'
11x17: 1"=40'
Sheet

A0.8



### STREET WALL & FACING ELLIS:

THE HOTEL AND OFFICE USE PROJECTED ROOFS OR AWNINGS TO BREAK THE STREET WALL'S VERTICAL PLANE AND REDUCE THE VISUAL MASSING TO A HUMAN SCALE. THE GROUND FLOOR IS TALL TO PROVIDE NATURAL LIGHT AND HIGH CEILINGS WITHIN THE HOTEL AND OFFICE.

#### OPEN SPACE & LANDSCAPE:

THE PROJECT SITE FEATURES SEVERAL HERITAGE TREES THAT ARE PROPOSED TO BE PRESERVED AS FOCAL POINTS AT HOTEL ENTRIES AND COURTYARDS. MULTIPLE OUTDOOR SPACES OF VARYING LEVELS OF PRIVACY AND ACTIVITY ARE PROVIDED AT GROUND FLOOR PATIOS AND THE PUBLIC PASEO, AND, AT THE OFFICE'S SECOND FLOOR PATIO OVERLOOKING THE PASEO. THESE AREAS GIVE BUILDING USERS AND MEMBERS OF THE PUBLIC OPPORTUNITIES FOR RECREATIONAL, SOCIAL, AND RELAXING EXPERIENCES.

#### VISIBILITY & CONNECTION:

BOTH THE HOTEL AND OFFICE FEATURE LARGE SPANS OF GLAZING TO REVEAL INTERNAL ACTIVITY TO PEDESTRIANS AND ACTIVATE THE STREET. STOREFRONT AND GLAZING SYSTEMS ARE CONTRASTED BY SOLID, TEXTURED WALLS TO PROVIDE PRIVACY AND VISUAL INTEREST AS NEEDED.

UPPER LEVEL STEP BACKS TO REDUCE VISUAL MASSING

VARIATION IN HIGH QUALITY WALL TEXTURES AND TIMELESS, NATURAL COLORS FOR VISUAL INTEREST

RECESSED STOREFRONT ENTRIES TO BREAK UP THE STREET WALL PLANE

FRAME WITH
GLAZING INFILL

CORNER FEATURE ELEMENT
WITH HIGHER QUALITY
MATERIALS, PROJECTED
AWNINGS, VERTICAL
SHADING LOUVERS & TOWER
ROOF

### **KEY CORNER & LANDMARK:**

IDENTIFIED AS A KEY CORNER LOCATION IN THE SPECIFIC PLAN, THE HOTEL IS MORE MONUMENTAL IN SCALE COMPARED TO THE PROPOSED OFFICE AND MOST SURROUNDING BUILDINGS. AT SIX STORIES, THE HOTEL COMPLEMENTS THE SIX-STORY DEVELOPMENT PROPOSED AT 600 ELLIS. INCREASED MATERIAL ARTICULATION AND TRANSPARENCY AT THE CORNER OF NATIONAL AND ELLIS PROVIDE A KEYSTONE FROM WHICH THE REST OF THE HOTEL MASSING SPREADS, APPEARING AS THE "LANTERN" GREETING VISITORS AND LOCALS DRIVING DOWN ELLIS STREET.

PROJECTED AWNINGS TO REDUCE SOLAR HEAT GAIN AND DEMARCATE ENTRIES

TEXTURED WALL PANELS
OR TILES

HIGH TRANSPARENCY
AT GROUND FLOOR
ACTIVE USES



ADDRESS
1327 ARCHER STREET, STE. 220
SAN LUIS OBISPO, CA 93401

CONTACT
805.547.2240
ARRIS-STUDIO.COM

THOMAS E. JESS
ARCHITECT (CA) #C27068
STEPHEN A. RIGOR
ARCHITECT (CA) #C33672

500 & 550 ELLIS ST.
MOUNTAIN VIEW, CA

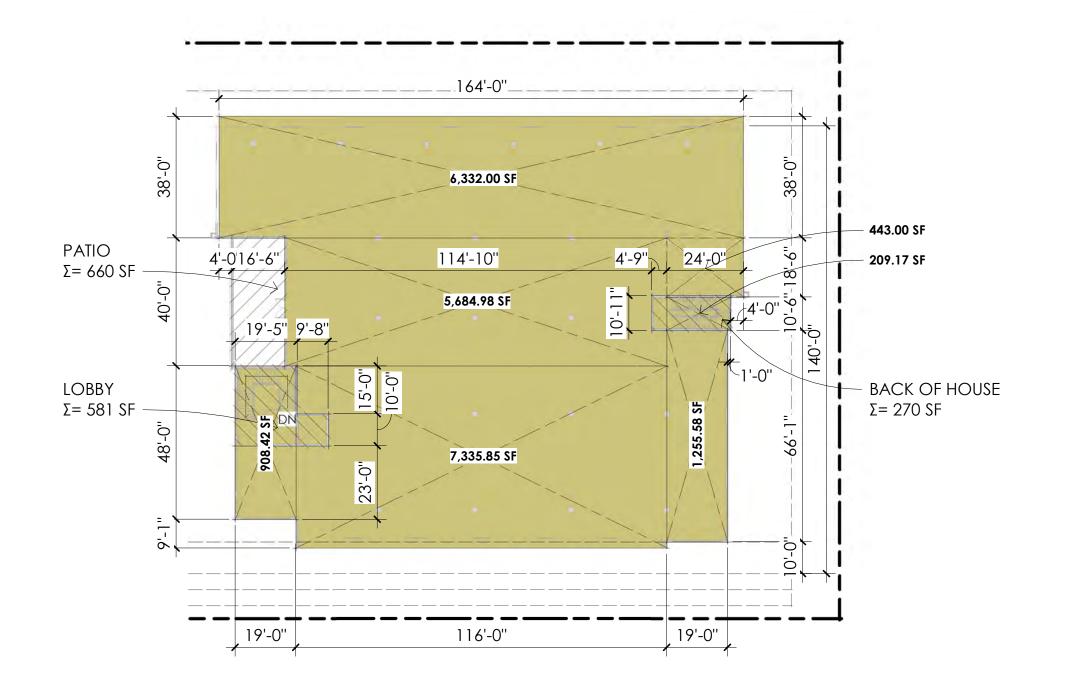
DESIGN EXCELLENCE STRATEGY

10/13/2023
Scale
24x36: NTS
11x17:
Sheet

A0.9

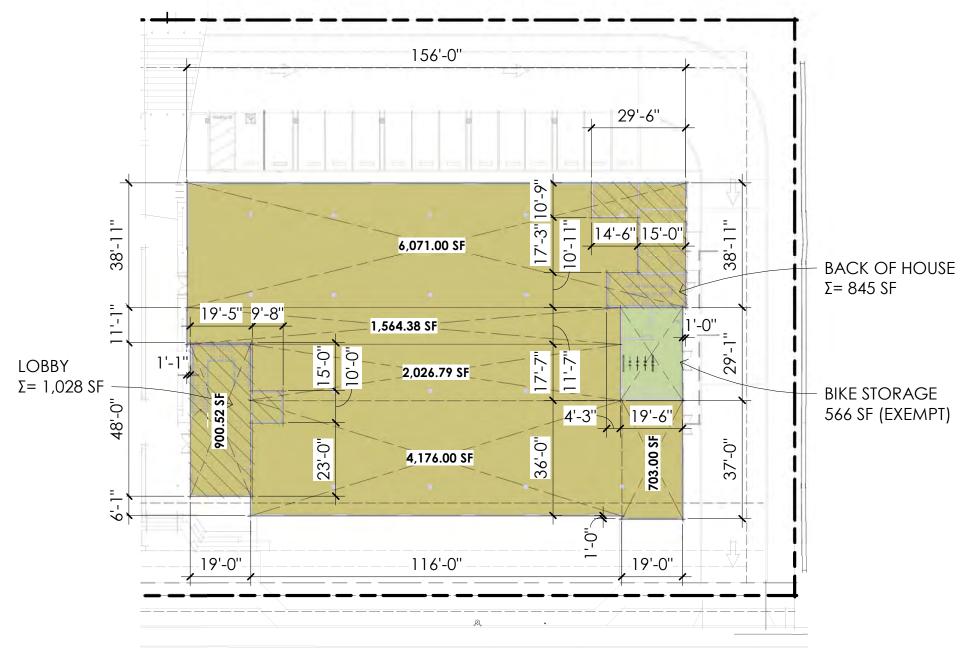
#### **FLOOR AREA DIAGRAM - HOTEL** NOTE: DIMENSIONS ROUNDED TO THE NEAREST 1" FOR CLARITY 254'-10" 65'-8" 125'-0" 52'-9" 123'-8" 52'-2" 64'-11" 12.33 SF -25'-6" 20'-7" 2,699.36 SF (- 9.75 SF) 5,212.32 SF 5,245.62 SF 6,489.64 SF 6,519.56 SF 68'-0" 10,239.93 SF 260.95 SF 200.73 SF 3,736.60 SF 3,486.85 SF **224.53 SF** 478.49 SF 746.00 SF 807.29 SF 2,062.63 SF 3,034.25 SF 2,272.33 SF 2,134.49 SF 1,274.01 SF 1,275.46 SF 3,172.64 SF 7,635.83 SF 2,348.19 SF 7'-4" FIFTH FLOOR AREA DIAGRAM SECOND, THIRD & FOURTH FLOOR AREA DIAG. FIRST FLOOR AREA DIAGRAM 254'-10" 125'-0'' 64'-11" 64'-11" 8'-10'' **BULDING SF** PARKING SF BIKE PARKING SF TOTAL SF FIRST FLOOR 19,960 8,284 0 28,244 5,212.32 SF SECOND FLOOR 22,601 10,240 32,841 6,489.64 SF THIRD FLOOR 22,601 32,841 10,240 FOURTH FLOOR 22,601 10,240 32,841 FIFTH FLOOR 20,940 20,940 SIXTH FLOOR 20,940 0 20,940 807.29 SF TOTAL BUILDING AREA 168,647 129,643 39,004 3,034.25 SF 94,027 2,272.33 SF 2,134.49 SF TOTAL SITE AREA PROPOSED FAR 1.79 **BIKE PARKING** \*EAST WHISMAN PLAN, **BUILDING AREA** (EXEMPT FROM CALCS)\* **SECTION 3.3.2.5** 7'-4" 68'-0" 114'-6'' PARKING AREA SIXTH FLOOR AREA DIAGRAM 10/13/2023 ADDRESS 1327 ARCHER STREET, STE. 220 SAN LUIS OBISPO, CA 93401 500 & 550 ELLIS ST. Scale 24x36: 1"=30' 11x17: 1"=60' CONTACT 805.547.2240 ARRIS-STUDIO.COM MOUNTAIN VIEW, CA STUDIO ARCHITECTS THOMAS E. JESS ARCHITECT (CA) #C27068 STEPHEN A. RIGOR ARCHITECT (CA) #C33672 FLOOR AREA DIAGRAM -A1.3 HOTEL

### **♣ FLOOR AREA DIAGRAM - OFFICE**



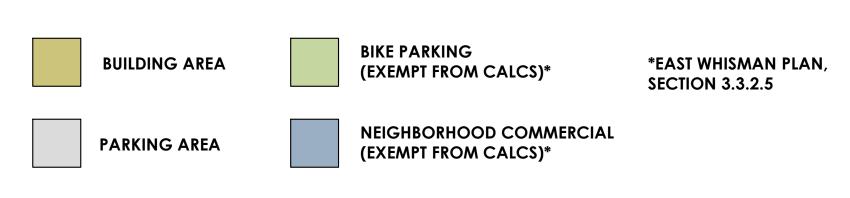
SECOND FLOOR AREA DIAGRAM

### NOTE: DIMENSIONS ROUNDED TO THE NEAREST 1" FOR CLARITY



FIRST FLOOR AREA DIAGRAM

	BUILDING AREA	BUILDING SF	PARKING SF	BIKE PARKING SF	TOTAL SF
5	FIRST FLOOR	15,442	0	566	15,442
/	SECOND FLOOR	22,169	0	0	22,169
	TOTAL BUILDING AREA	37,611	0	566	37,611
	TOTAL SITE AREA				94,027
	PROPOSED FAR				0.40

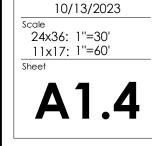




500 & 550 ELLIS ST.

MOUNTAIN VIEW, CA

FLOOR AREA DIAGRAM -OFFICE





S A 3 2 VIEW OF HOTEL FROM ELLIS STREET & NATIONAL AVENUE



500 & 550 ELLIS ST. MOUNTAIN VIEW, CA

PERSPECTIVES

10/13/2023
Scale
24x36: NTS
11x17:
Sheet

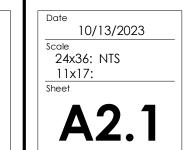
A2.0



VIEW OF HOTEL FROM ELLIS STREET (SOUTHWEST)



500 & 550 ELLIS ST. MOUNTAIN VIEW, CA





VIEW OF OFFICE FROM ELLIS STREET (NORTHEAST)



500 & 550 ELLIS ST.
MOUNTAIN VIEW, CA

**PERSPECTIVES** 

Date
10/13/2023
Scale
24x36: NTS
11x17:
Sheet

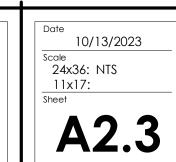
A2.2



VIEW OF PASEO FROM ELLIS STREET (SOUTH)



500 & 550 ELLIS ST.
MOUNTAIN VIEW, CA





S A 3 2 VIEW OF PASEO FROM REAR DRIVEWAY (NORTH)



500 & 550 ELLIS ST.
MOUNTAIN VIEW, CA

**PERSPECTIVES** 

10/13/2023
Scale
24x36: NTS
11x17:
Sheet

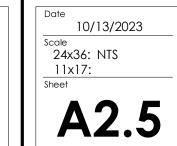
A2.4



S 4 3 VIEW OF PASEO FROM NORTH ENTRY

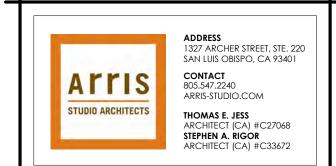


500 & 550 ELLIS ST.
MOUNTAIN VIEW, CA

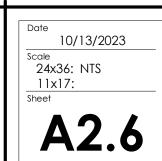




SA A S VIEW OF HOTEL'S LOUNGE PATIO (FACING ELLIS STREET)



500 & 550 ELLIS ST.
MOUNTAIN VIEW, CA





VIEW OF HOTEL PORTE COCHERE (FACING NATIONAL AVE.)

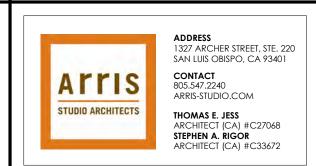


500 & 550 ELLIS ST.
MOUNTAIN VIEW, CA





# **ELLIS STREET & NATIONAL AVENUE - EXISTING**



500 & 550 ELLIS ST. MOUNTAIN VIEW, CA

BEFORE & AFTER RENDERINGS

Date
10/13/2023
Scale
24x36: NTS
11x17:
Sheet

A2.8

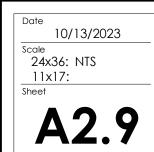


ELLIS STREET & NATIONAL AVENUE - PROPOSED



500 & 550 ELLIS ST. MOUNTAIN VIEW, CA

BEFORE & AFTER RENDERINGS





NATIONAL AVENUE - EXISTING



500 & 550 ELLIS ST.
MOUNTAIN VIEW, CA

BEFORE & AFTER RENDERINGS

10/13/2023
Scale
24x36: NTS
11x17:
Sheet

A2.10



4 3 2

NATIONAL AVENUE - PROPOSED

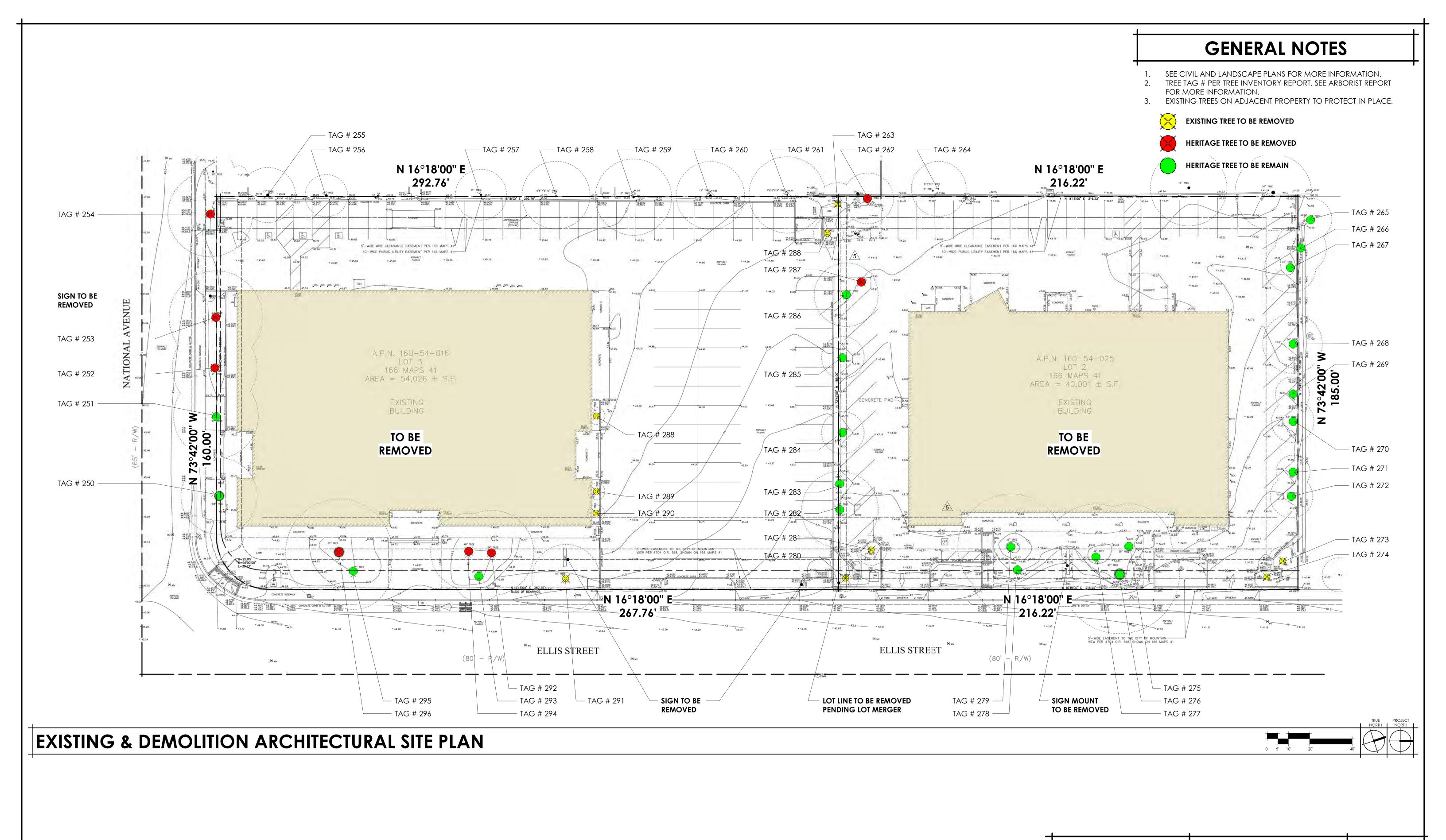


500 & 550 ELLIS ST.

BEFORE & AFTER RENDERINGS

10/13/2023
Scale
24x36: NTS
11x17:
Sheet

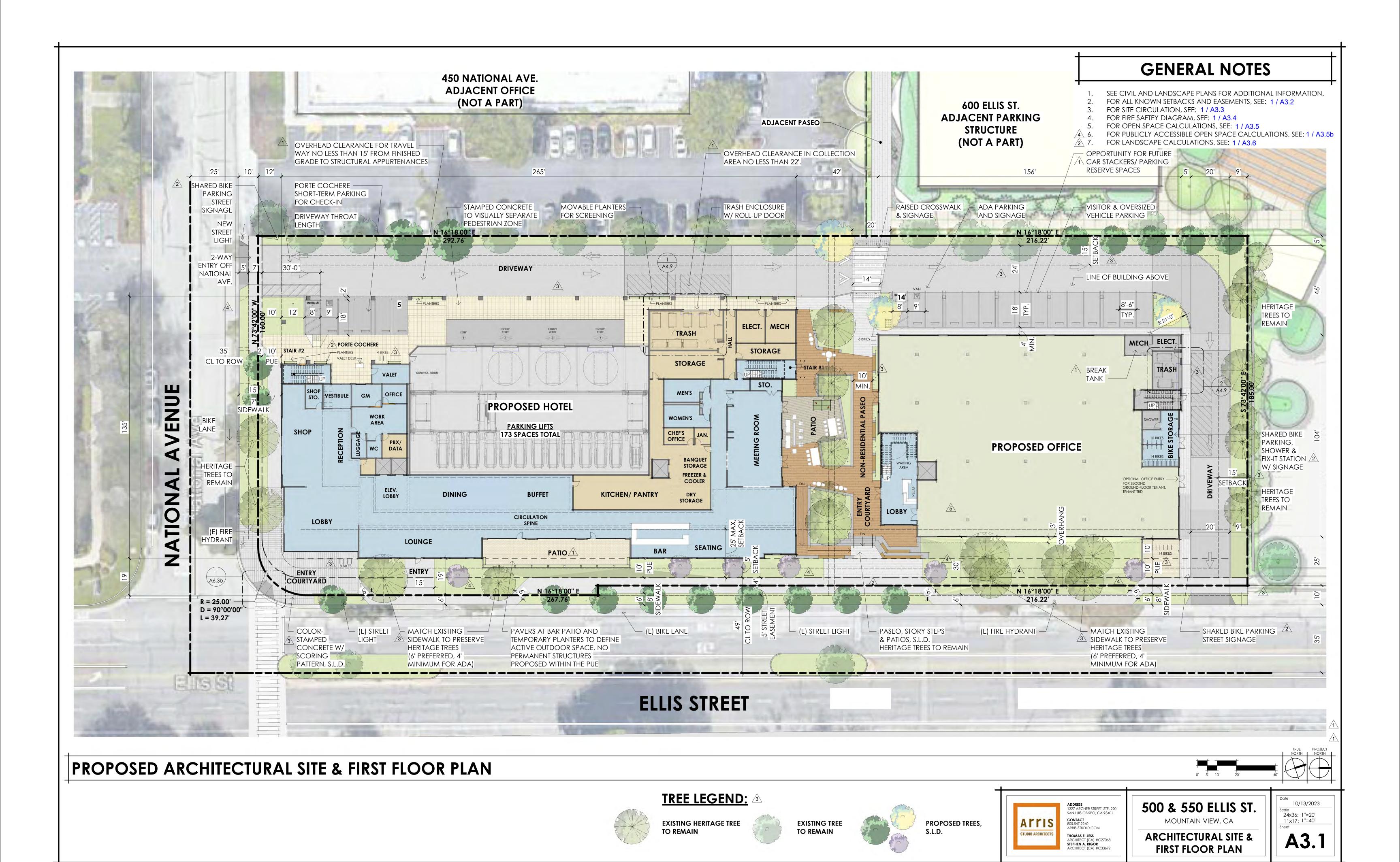
A 2.11

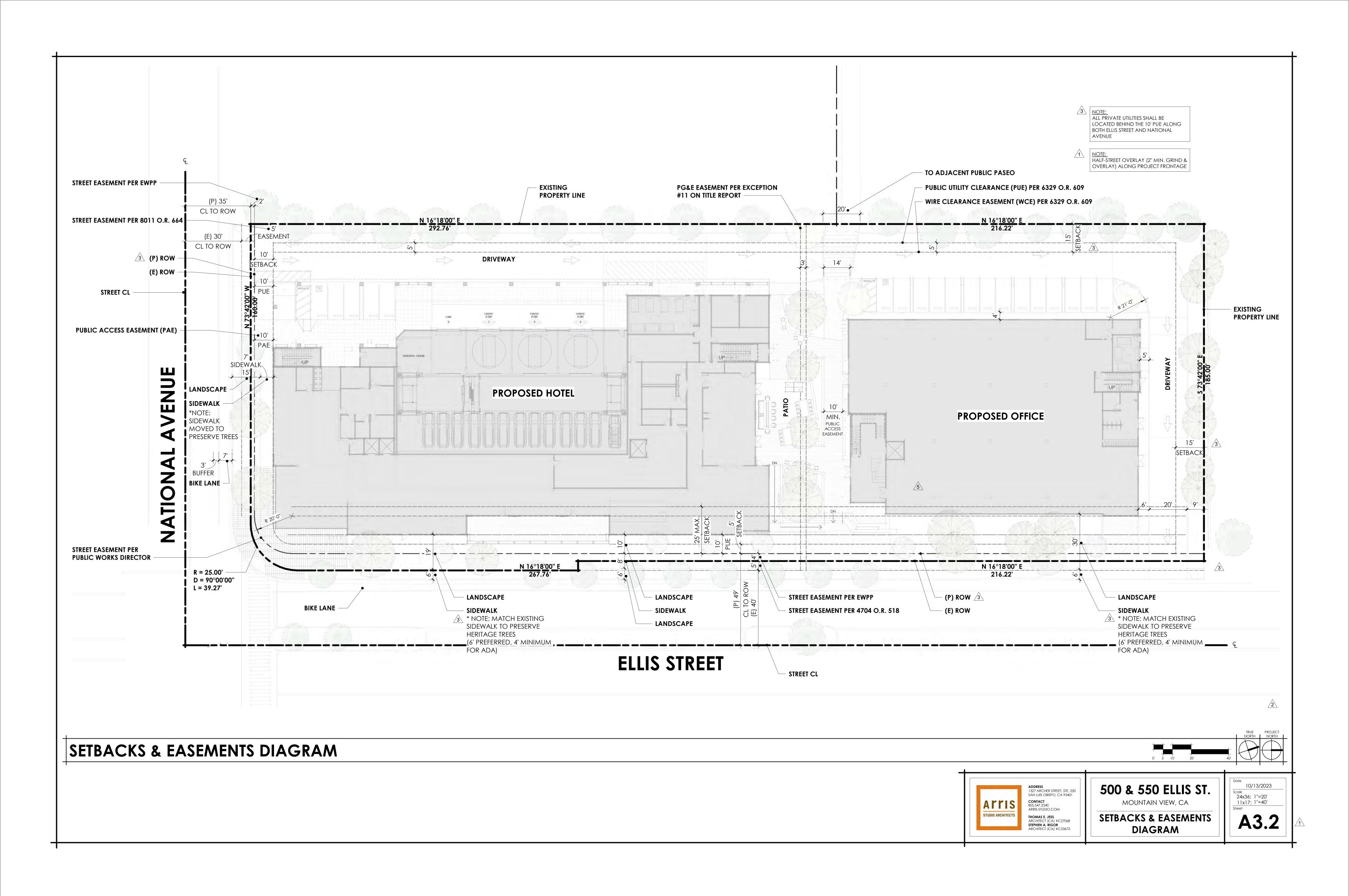


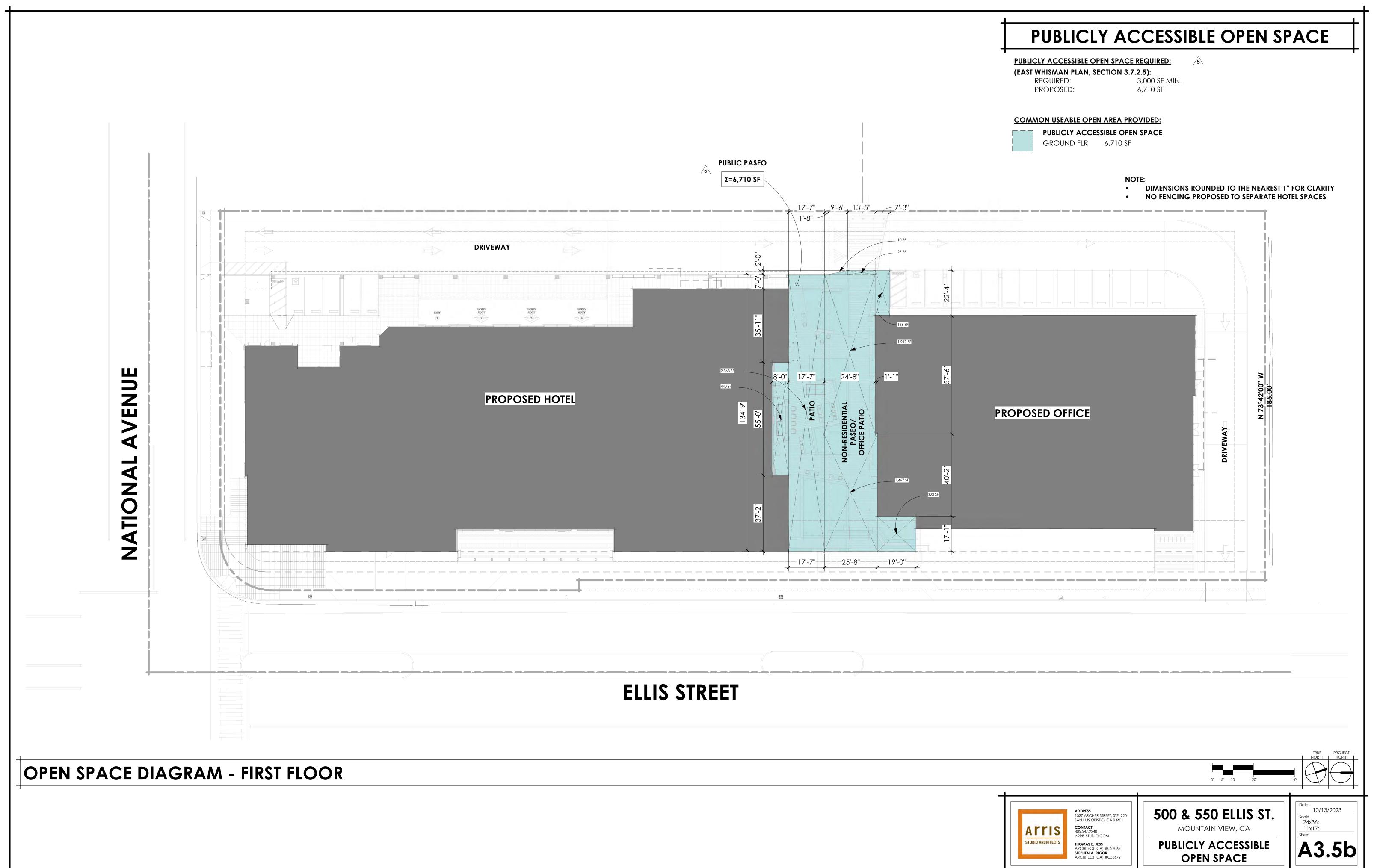
500 & 550 ELLIS ST. MOUNTAIN VIEW, CA

EXISTING & DEMOLITION SITE PLAN

10/13/2023
Scale
24x36: 1"=20'
11x17: 1"=40'
Sheet







FLOOR LEVEL	KING	DOUBLE QUEEN	SUITE	TOTAL
SECOND FLOOR	17	16	4	37
THIRD FLOOR	17	16	4	37
FOURTH FLOOR	17	16	4	37
FIFTH FLOOR	30	11	4	45
SIXTH FLOOR	30	11	4	45
TOTAL	111	70	20	201

SUITES:

GUEST ROOM MIX:

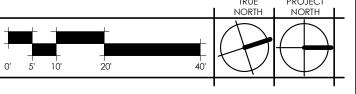
KING STUDIOS:

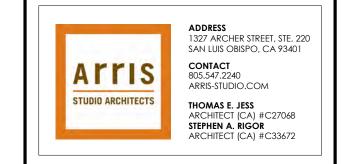
DOUBLE QUEEN STUDIOS:

111 ROOMS (55%) 70 ROOMS (35%) 20 ROOMS (10%)



SECOND FLOOR PLAN





500 & 550 ELLIS ST. MOUNTAIN VIEW, CA

SECOND FLOOR PLAN

10/13/2023 Scale 24x36: 1"=20' 11x17: 1"=40' Sheet **A4.2** 

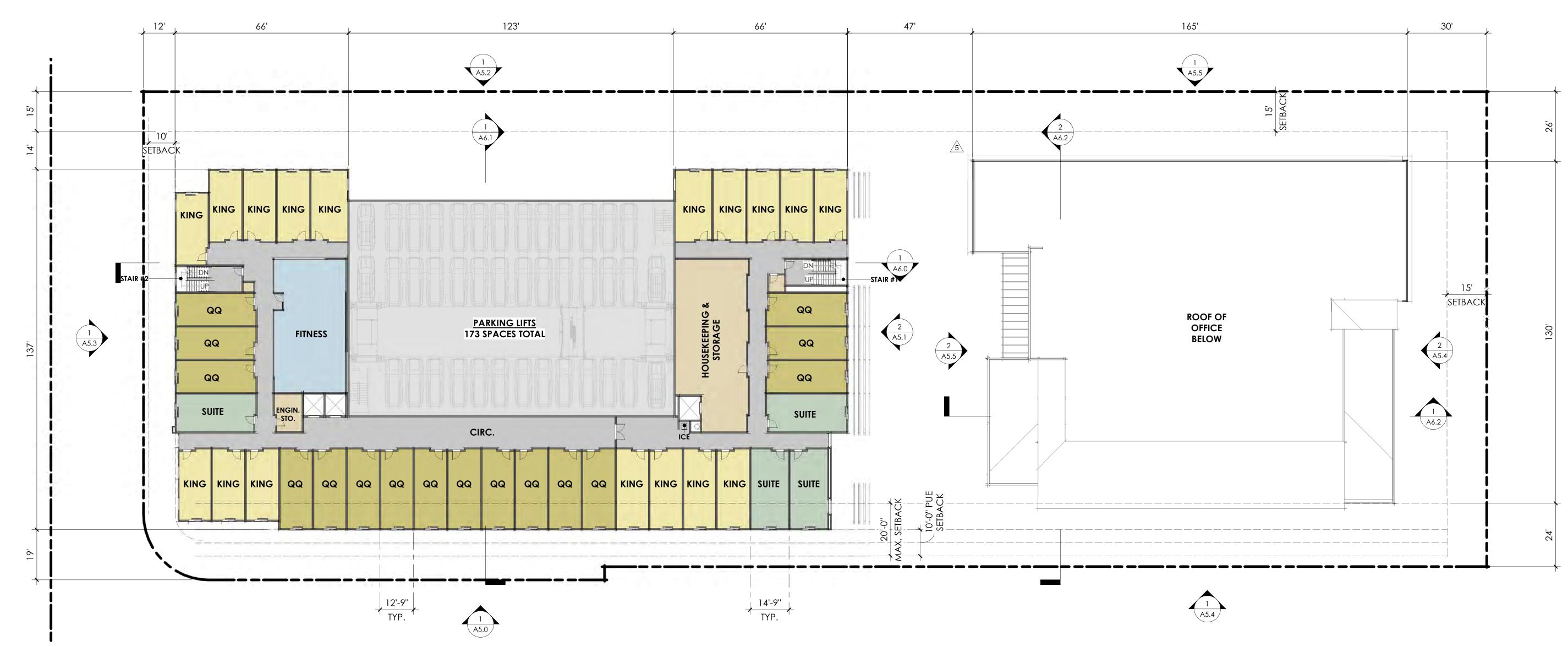
FLOOR LEVEL	KING	DOUBLE QUEEN	SUITE	TOTAL
SECOND FLOOR	17	16	4	37
THIRD FLOOR	17	16	4	37
FOURTH FLOOR	17	16	4	37
FIFTH FLOOR	30	11	4	45
SIXTH FLOOR	30	11	4	45
TOTAL	111	70	20	201

GUEST ROOM MIX:

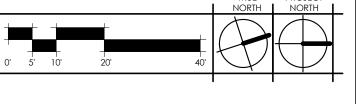
KING STUDIOS:

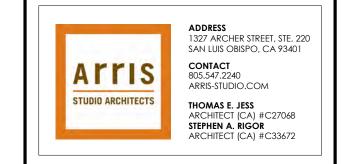
DOUBLE QUEEN STUDIOS:

SUITES: 111 ROOMS (55%) 70 ROOMS (35%) 20 ROOMS (10%)



L03-PROPOSED-THIRD FLOOR





500 & 550 ELLIS ST. MOUNTAIN VIEW, CA

THIRD FLOOR PLAN

10/13/2023 Scale

24x36: 1"=20'

11x17: 1"=40'

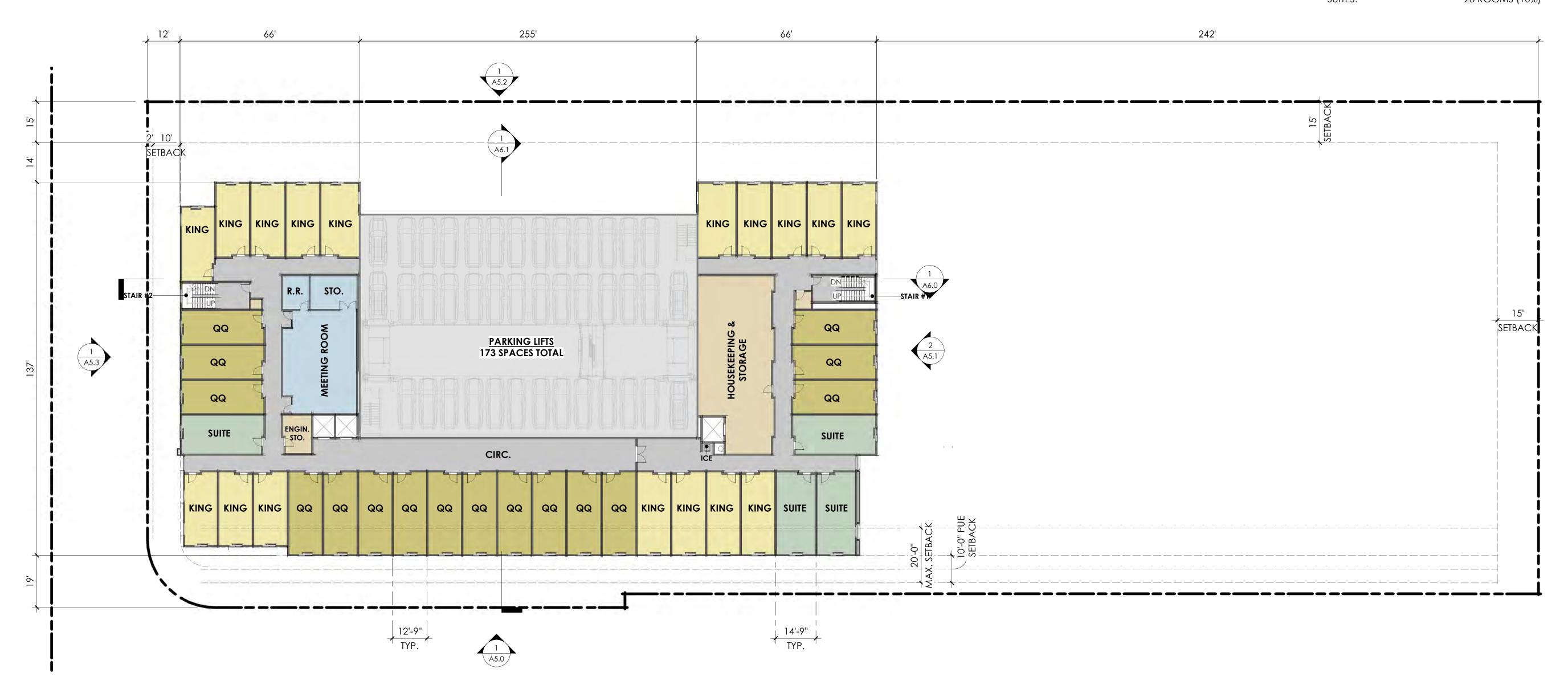
Sheet **A4.3** 

FLOOR LEVEL	KING	DOUBLE QUEEN	SUITE	TOTAL
SECOND FLOOR	17	16	4	37
THIRD FLOOR	17	16	4	37
FOURTH FLOOR	17	16	4	37
FIFTH FLOOR	30	11	4	45
SIXTH FLOOR	30	11	4	45
TOTAL	111	70	20	201

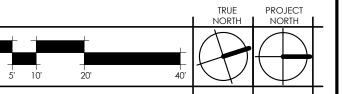
GUEST ROOM MIX:

KING STUDIOS:

DOUBLE QUEEN STUDIOS: 111 ROOMS (55%) 70 ROOMS (35%) 20 ROOMS (10%)



FOURTH FLOOR PLAN





500 & 550 ELLIS ST. MOUNTAIN VIEW, CA

FOURTH FLOOR PLAN

10/13/2023 Scale 24x36: 1"=20' 11x17: 1"=40' Sheet **A4.4** 

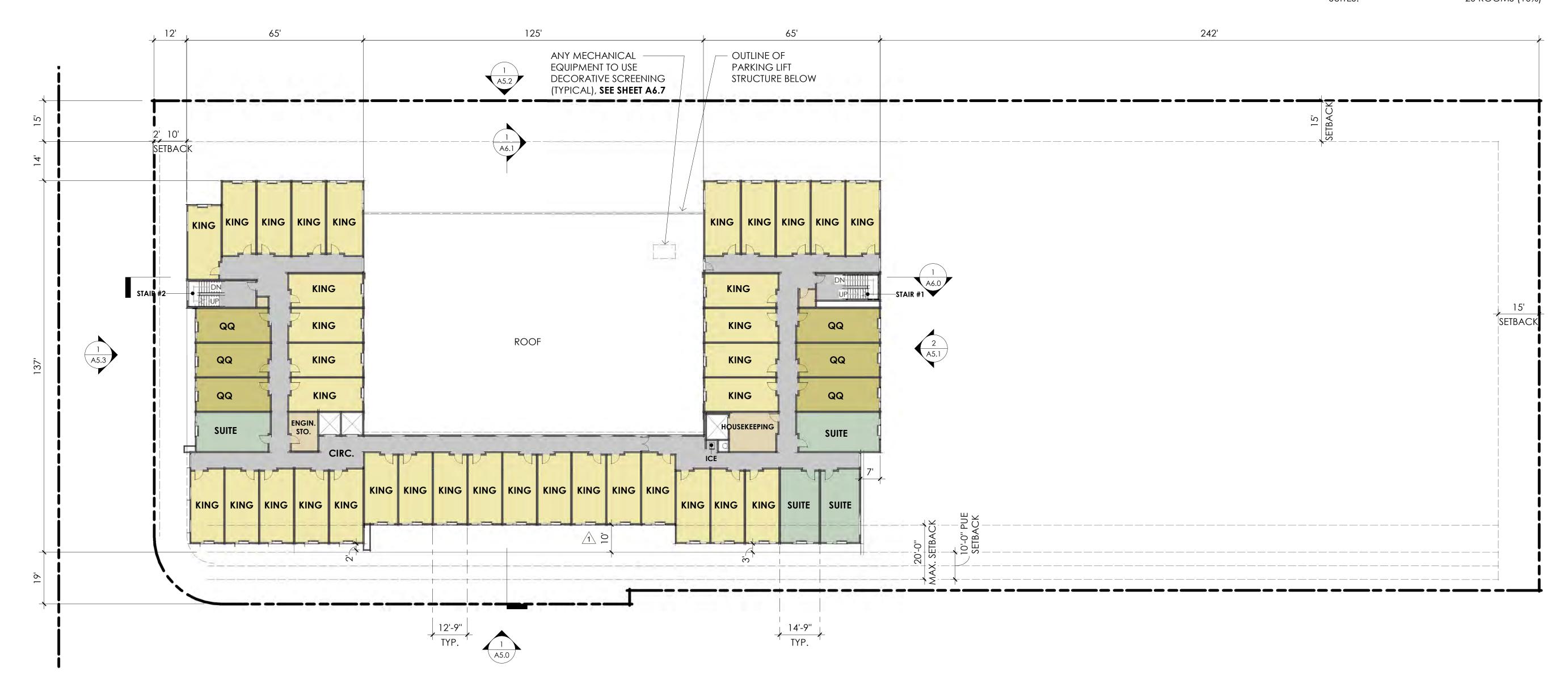
FLOOR LEVEL	KING	DOUBLE QUEEN	SUITE	TOTAL
SECOND FLOOR	17	16	4	37
THIRD FLOOR	17	16	4	37
FOURTH FLOOR	17	16	4	37
FIFTH FLOOR	30	11	4	45
SIXTH FLOOR	30	11	4	45
TOTAL	111	70	20	201

GUEST ROOM MIX:

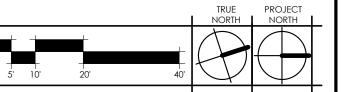
KING STUDIOS:

DOUBLE QUEEN STUDIOS:

SUITES: 111 ROOMS (55%) 70 ROOMS (35%) 20 ROOMS (10%)



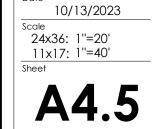
FIFTH FLOOR PLAN





500 & 550 ELLIS ST. MOUNTAIN VIEW, CA

FIFTH FLOOR PLAN

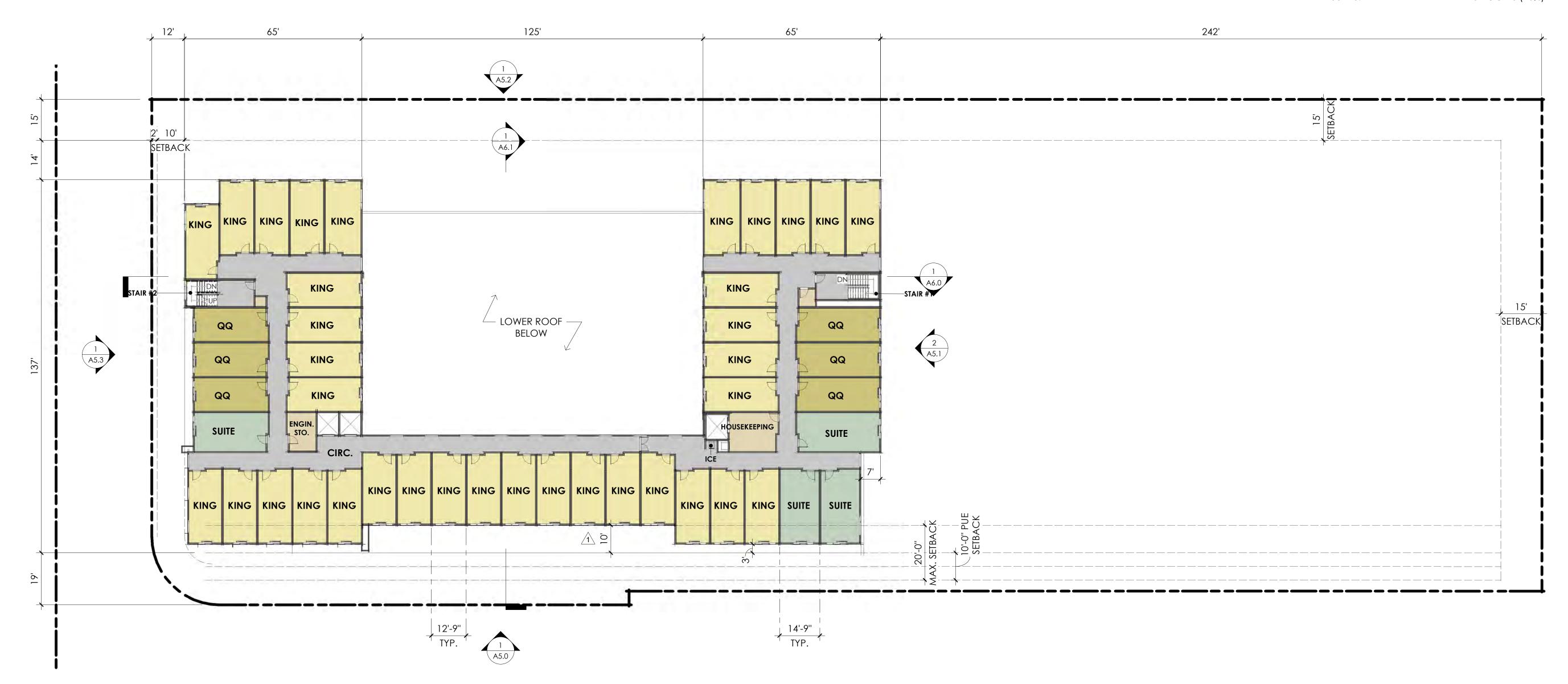


FLOOR LEVEL	KING	DOUBLE QUEEN	SUITE	TOTAL
SECOND FLOOR	17	16	4	37
THIRD FLOOR	17	16	4	37
FOURTH FLOOR	17	16	4	37
FIFTH FLOOR	30	11	4	45
SIXTH FLOOR	30	11	4	45
TOTAL	111	70	20	201

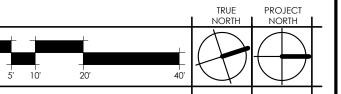
GUEST ROOM MIX:

KING STUDIOS:

DOUBLE QUEEN STUDIOS: 111 ROOMS (55%) 70 ROOMS (35%) 20 ROOMS (10%) SUITES:



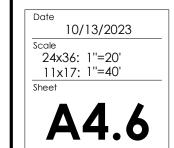
SIXTH FLOOR PLAN

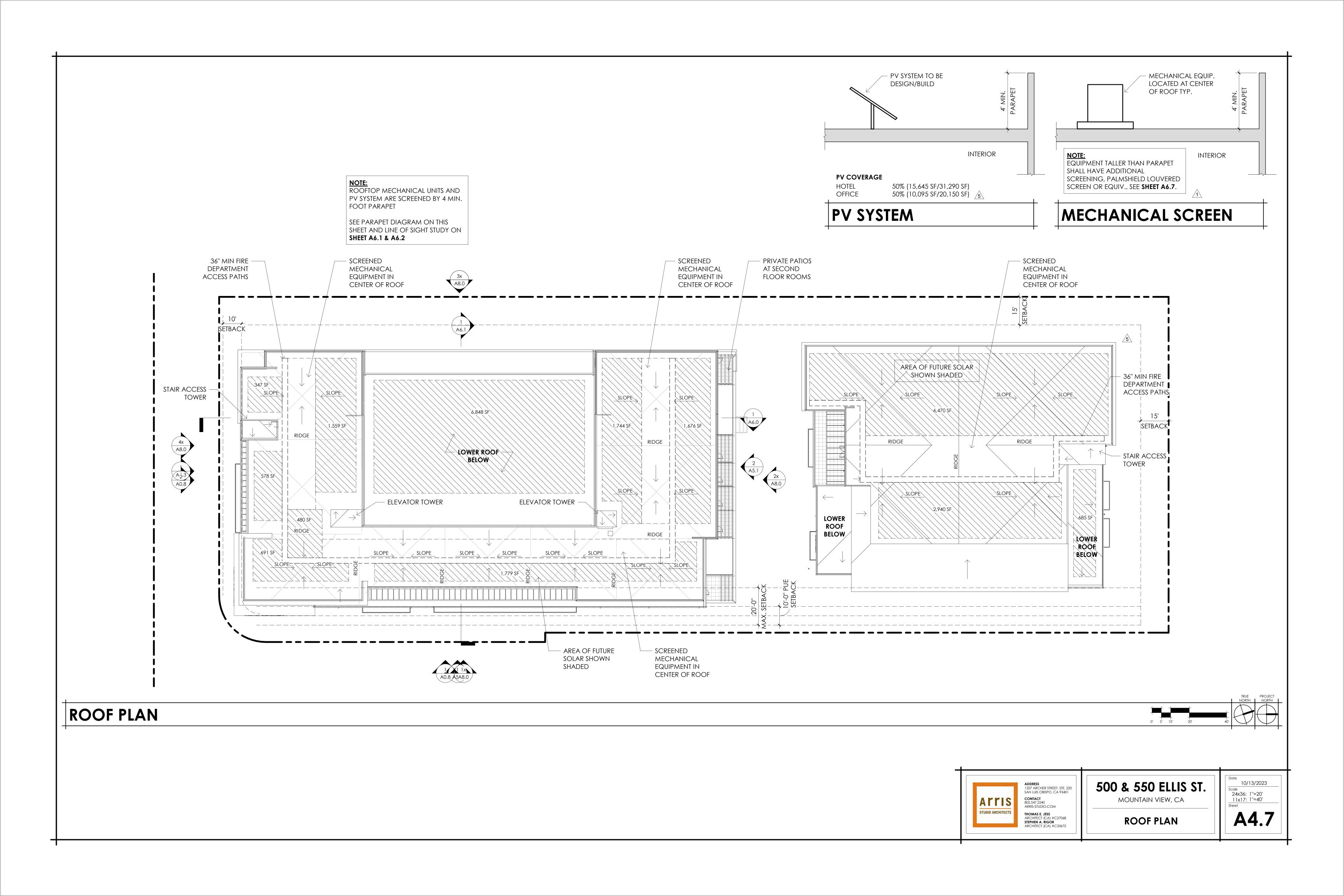


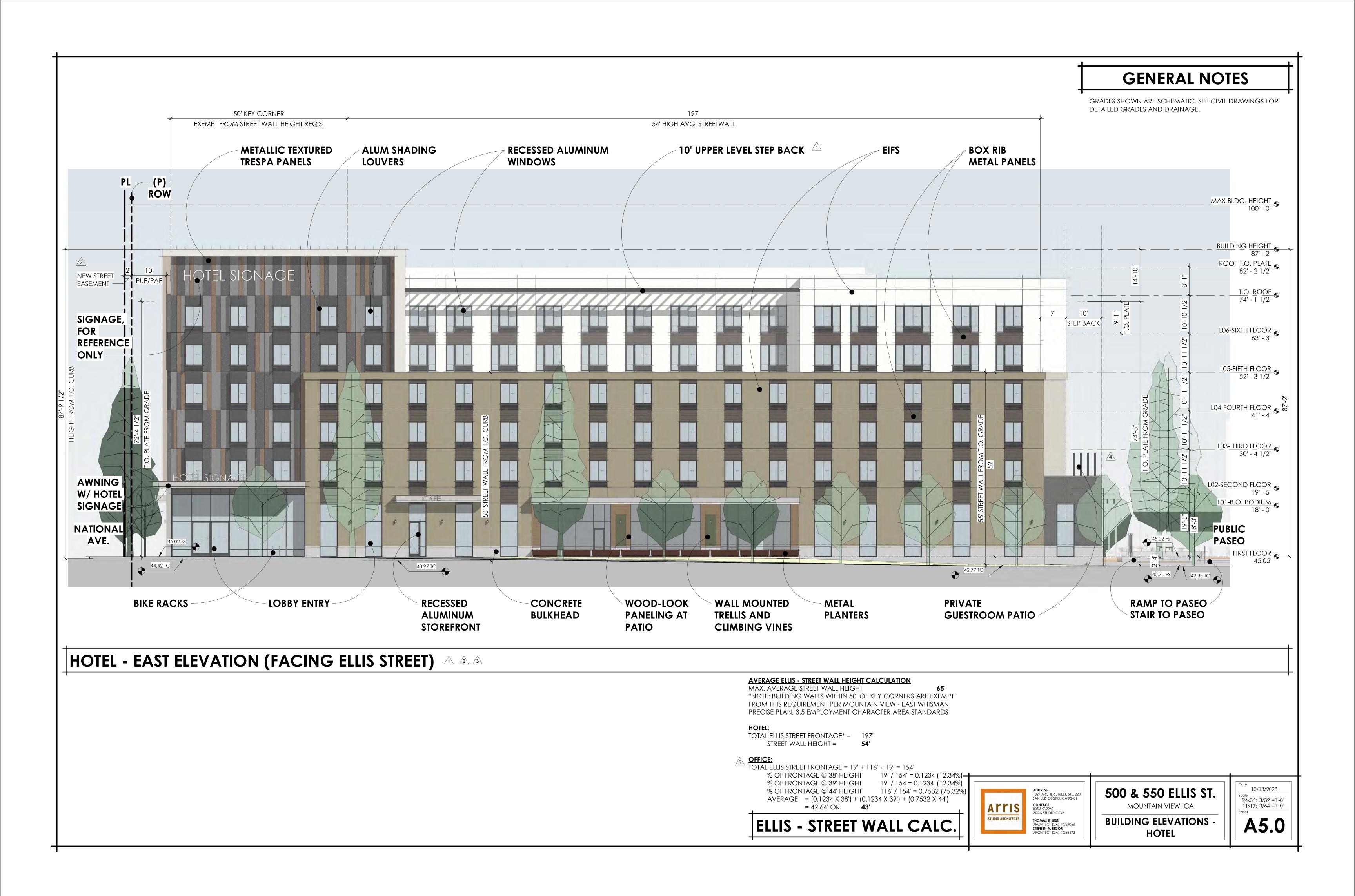


500 & 550 ELLIS ST. MOUNTAIN VIEW, CA

SIXTH FLOOR PLAN







GRADES SHOWN ARE SCHEMATIC. SEE CIVIL DRAWINGS FOR DETAILED GRADES AND DRAINAGE.



HOTEL - NORTH ELEVATION (FACING PUBLIC PASEO & OFFICE) A 2 3



500 & 550 ELLIS ST. MOUNTAIN VIEW, CA

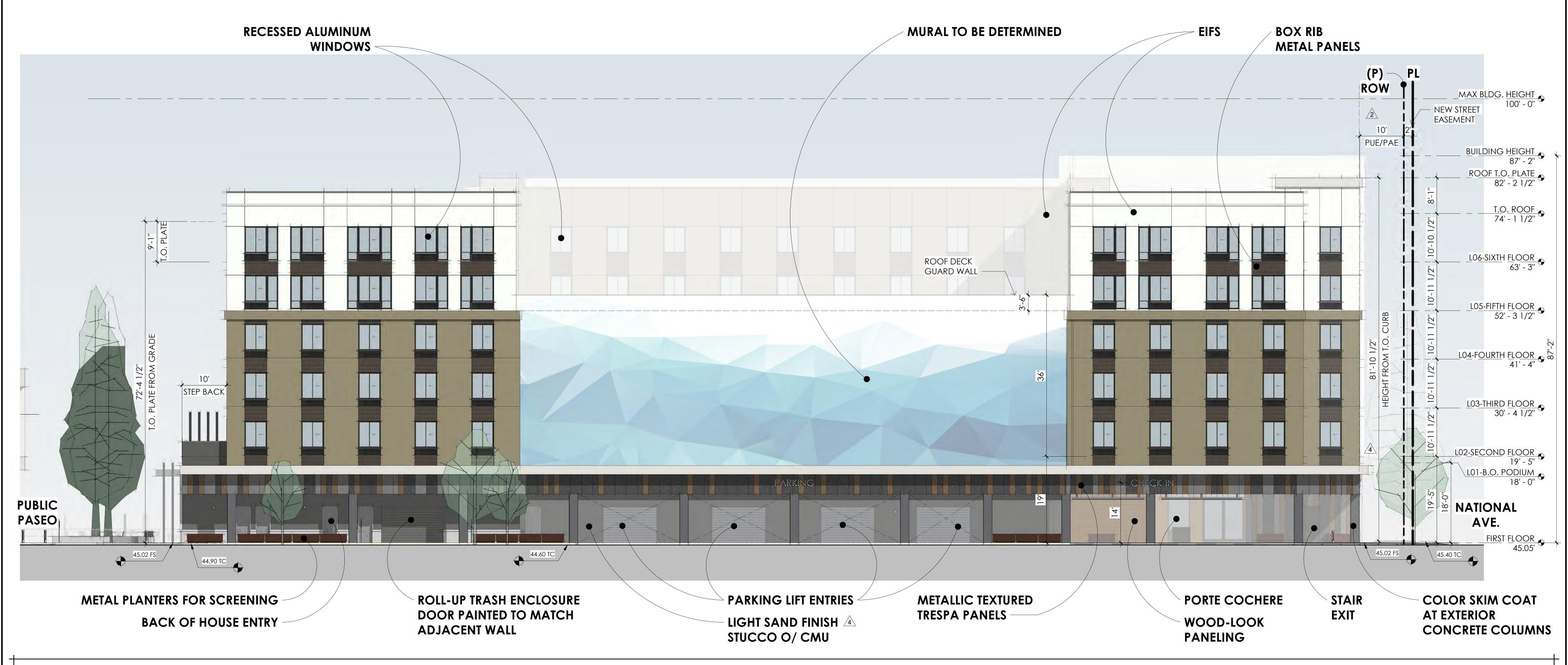
BUILDING ELEVATIONS -HOTEL Date

10/13/2023

Scale
24x36: 3/32"=1'-0"
11x17: 3/64"=1'-0"
Sheet

A5.1

GRADES SHOWN ARE SCHEMATIC. SEE CIVIL DRAWINGS FOR DETAILED GRADES AND DRAINAGE.



HOTEL - WEST ELEVATION (FACING 450 NATIONAL AVENUE) 🗘 🗷 🕸



500 & 550 ELLIS ST.

MOUNTAIN VIEW, CA

BUILDING ELEVATIONS - HOTEL

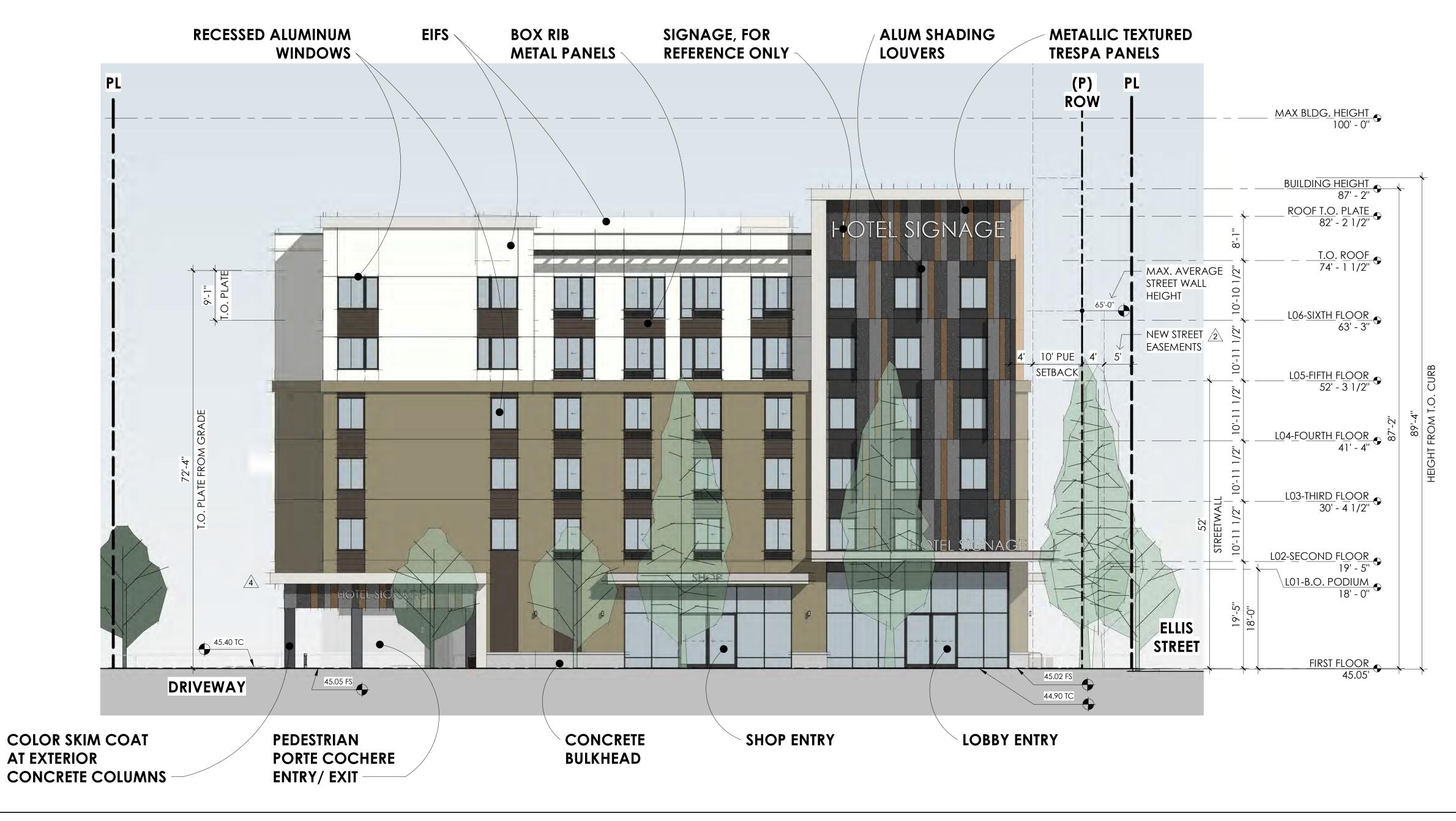
Date

10/13/2023

Scale
24x36: 3/32"=1'-0"
11x17: 3/64"=1'-0"
Sheet

A 5.2

GRADES SHOWN ARE SCHEMATIC. SEE CIVIL DRAWINGS FOR DETAILED GRADES AND DRAINAGE.



HOTEL - SOUTH ELEVATION (FACING NATIONAL AVENUE) 🗘 🛕 🕸



500 & 550 ELLIS ST. MOUNTAIN VIEW, CA

BUILDING ELEVATIONS - HOTEL

#### EIFS HERITAGE TREES AWNING TO REMAIN WINDOWS 19' 38' STREET WALL 44' STREET WALL - OPTIONAL BRAKE SECONDARY ENTRY **METAL** (TENANT TBD) L05-BUILDING HEIGHT (OFFICE) 45' - 0" LINE OF LOWER ROOF L02-T.O.P. (OFFICE) 34' - 5" LO2-SECOND FLR (OFFICE) PUBLIC L01-B.O. PODIUM 18' - 0" **DRIVEWAY** FIRST FLOOR 45.05' 42.30 FS 41.55 FS 41.30 TC STAIR TO LOBBY **RECESSED ALUMINUM** STONE-LOOK AWNING TO BIKE STORAGE **ENTRY PASEO PORCELAIN TILE STOREFRONT WINDOWS BIKE RACKS** OFFICE - EAST ELEVATION (FACING ELLIS STREET) 1/2/3/5

#### **RECESSED ALUMINUM EIFS ALUMINUM** AWNING **STOREFRONT STOREFRONT WINDOWS** (P) PL PL ROW NEW STREET EASEMENTS 4' 10' PUE SETBACK LINE OF LOWER LO5-BUILDING HEIGHT (OFFICE) 45' - 0" ROOF LO2-SECOND FLR (OFFICE) SIGNAGE L01-B.O. PODIUM 18' - 0" DRIVEWAY ELLIS FIRST FLOOR 45.05' 45.02 FS 45.02 FS **BIKE RACKS OPTIONAL OFFICE STAIR** TO BIKE ROLL-UP TRASH ENCLOSURE DOOR CONCRETE **ENTRY** ENTRY, TENANT TBD **STORAGE BULKHEAD** PAINTED TO MATCH ADJACENT WALL OFFICE - NORTH ELEVATION (FACING 600 ELLIS STREET) 1 2 3 4



ADDRESS 1327 ARCHER STREET, STE. 220 SAN LUIS OBISPO, CA 93401

THOMAS E. JESS ARCHITECT (CA) #C27068 STEPHEN A. RIGOR ARCHITECT (CA) #C33672

STUDIO ARCHITECTS

MOUNTAIN VIEW, CA

**A5.4 OFFICE** 

10/13/2023

Scale 24x36: 3/32"=1'-0" 11x17: 3/64"=1'-0"

GENERAL NOTES

GRADES SHOWN ARE SCHEMATIC. SEE CIVIL DRAWINGS FOR

ELLIS - STREET WALL CALC.

\*NOTE: BUILDING WALLS WITHIN 50' OF KEY CORNERS ARE EXEMPT FROM THIS REQUIREMENT PER MOUNTAIN VIEW - EAST WHISMAN PRECISE PLAN, 3.5 EMPLOYMENT CHARACTER AREA STANDARDS

AVERAGE = (0.1234 X 38') + (0.1234 X 39') + (0.7532 X 44') = 42.64' OR **43**'

19' / 154' = 0.1234 (12.34%)

19' / 154 = 0.1234 (12.34%) 116' / 154' = 0.7532 (75.32%

**AVERAGE ELLIS - STREET WALL HEIGHT CALCULATION** 

TOTAL ELLIS STREET FRONTAGE = 19' + 116' + 19' = 154'

DETAILED GRADES AND DRAINAGE.

MAX. AVERAGE STREET WALL HEIGHT

TOTAL ELLIS STREET FRONTAGE\* = 197'

% OF FRONTAGE @ 38' HEIGHT

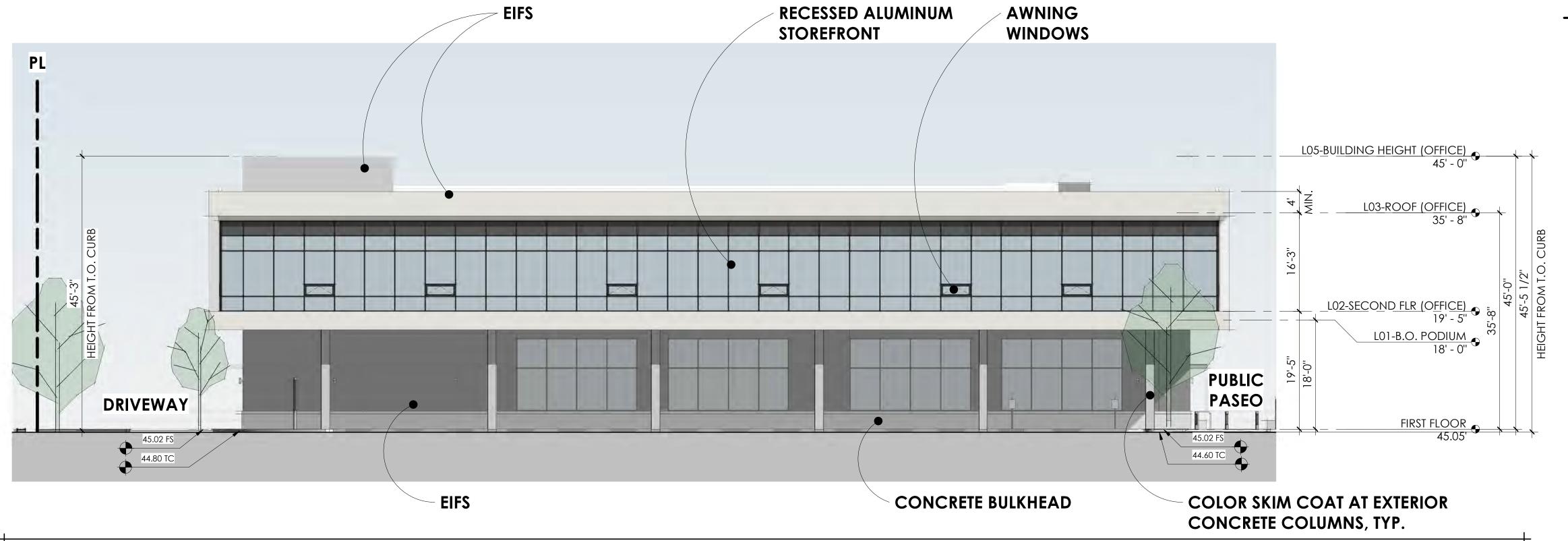
% OF FRONTAGE @ 39' HEIGHT

% OF FRONTAGE @ 44' HEIGHT

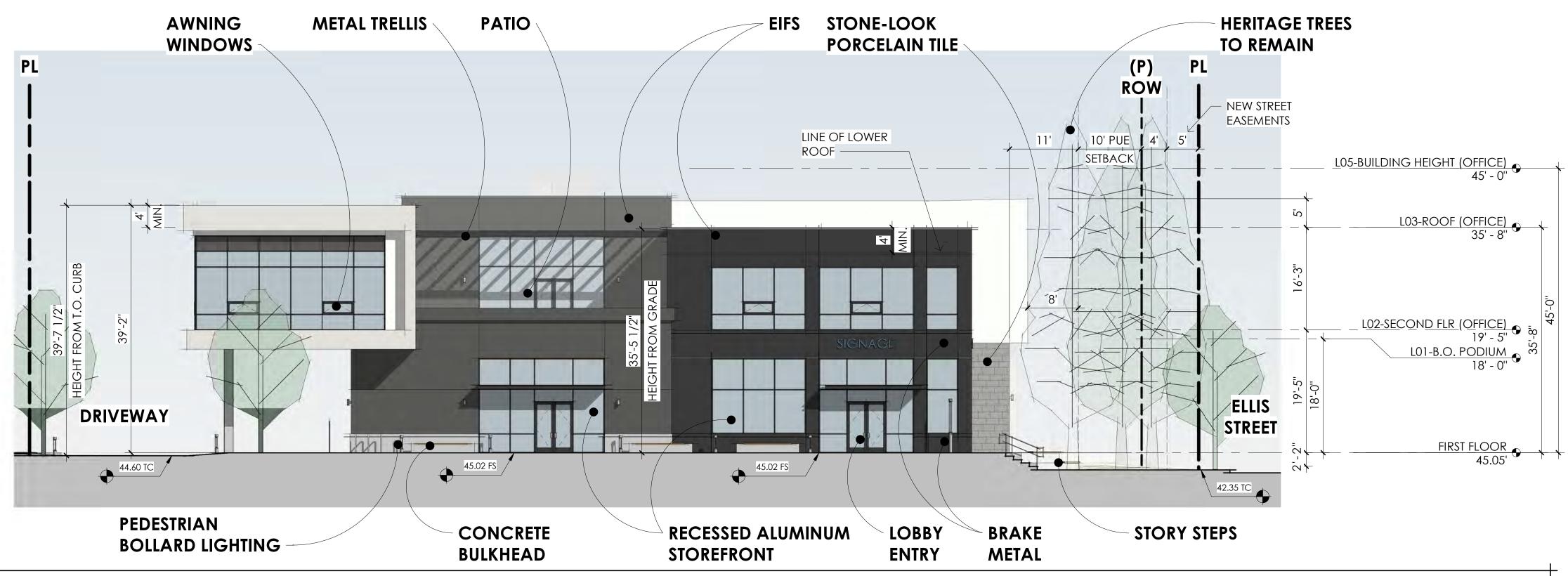
STREET WALL HEIGHT =

**BUILDING ELEVATIONS -**

GRADES SHOWN ARE SCHEMATIC. SEE CIVIL DRAWINGS FOR DETAILED GRADES AND DRAINAGE.



# OFFICE - WEST ELEVATION (FACING 450 NATIONAL AVENUE) 1/2 3/4



OFFICE - SOUTH ELEVATION (FACING PUBLIC PASEO & HOTEL) AAA



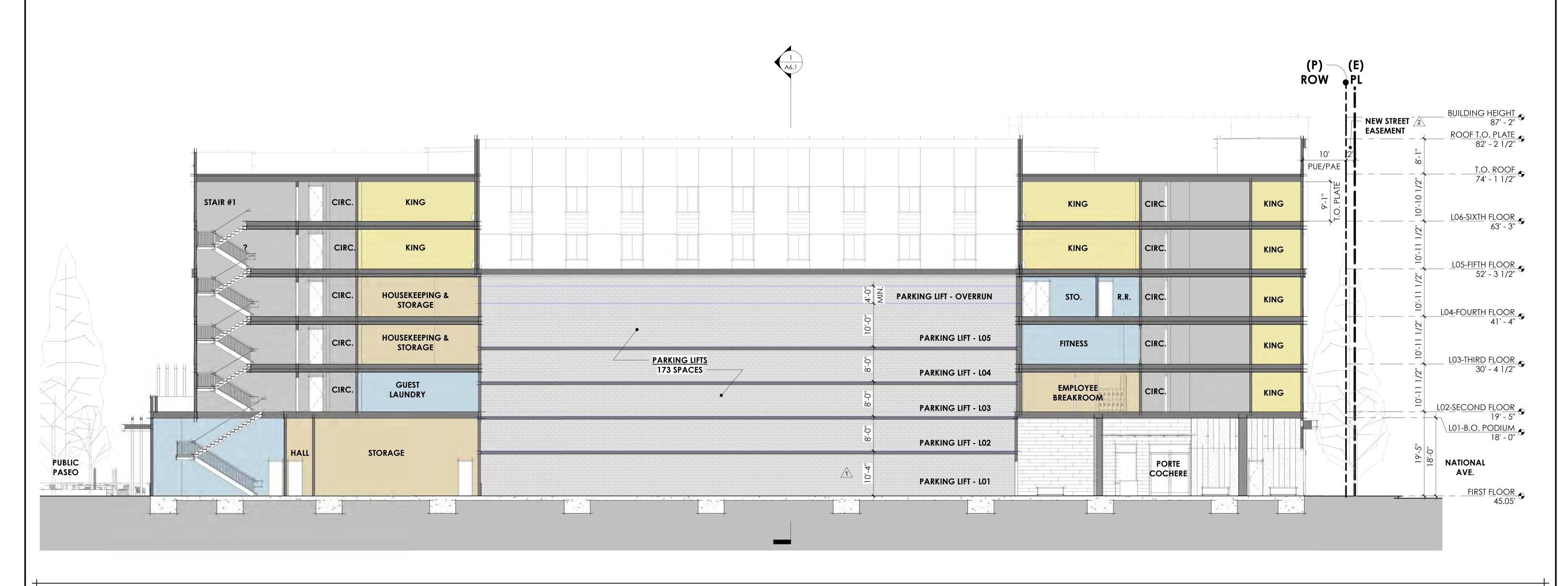
500 & 550 ELLIS ST. MOUNTAIN VIEW, CA

BUILDING ELEVATIONS OFFICE

10/13/2023
Scale
24x36: 3/32"=1'-0"
11x17: 3/64"=1'-0"
Sheet

# **GENERAL NOTES**

GRADES SHOWN ARE SCHEMATIC. SEE CIVIL DRAWINGS FOR DETAILED GRADES AND DRAINAGE.



HOTEL - LONGITUDINAL SECTION



500 & 550 ELLIS ST.
MOUNTAIN VIEW, CA

BUILDING SECTIONS -HOTEL Date

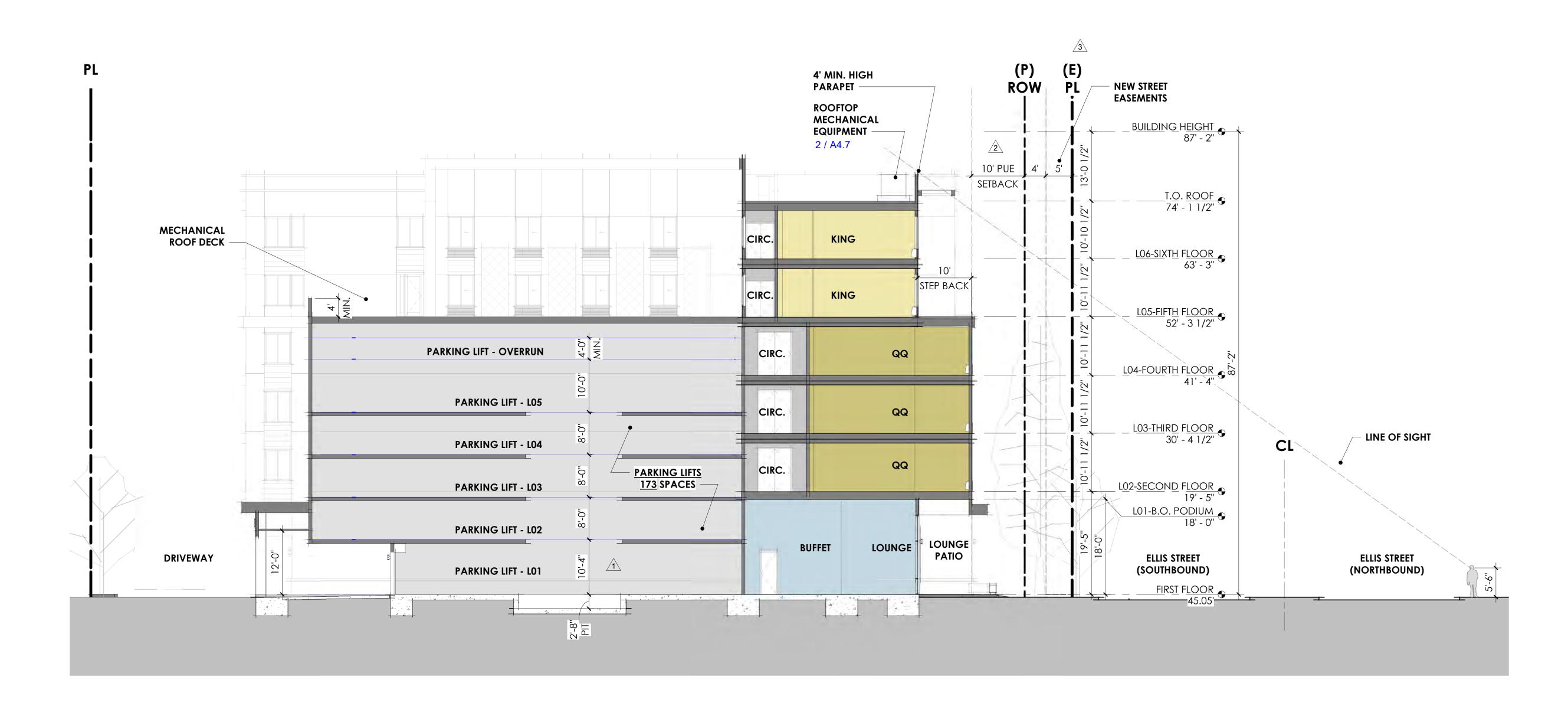
10/13/2023

Scale
24x36: 3/32" = 1'-0"
11x17: 3/64" = 1'-0"
Sheet

A6.0

# **GENERAL NOTES**

GRADES SHOWN ARE SCHEMATIC. SEE CIVIL DRAWINGS FOR DETAILED GRADES AND DRAINAGE.



HOTEL - CROSS SECTION



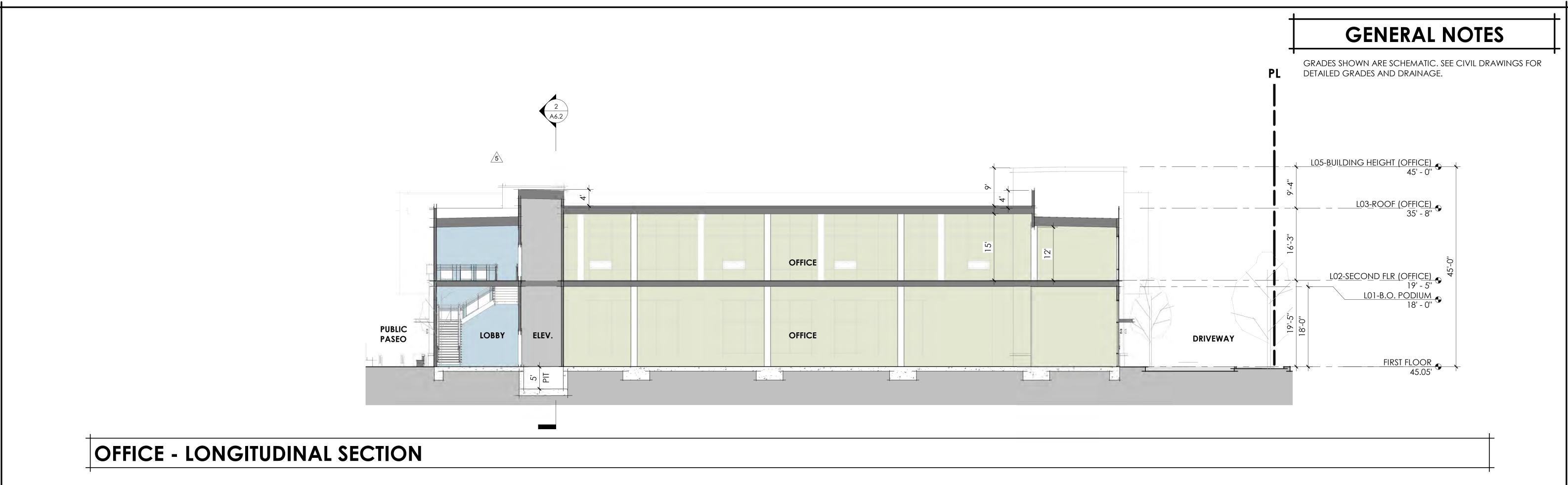
500 & 550 ELLIS ST.

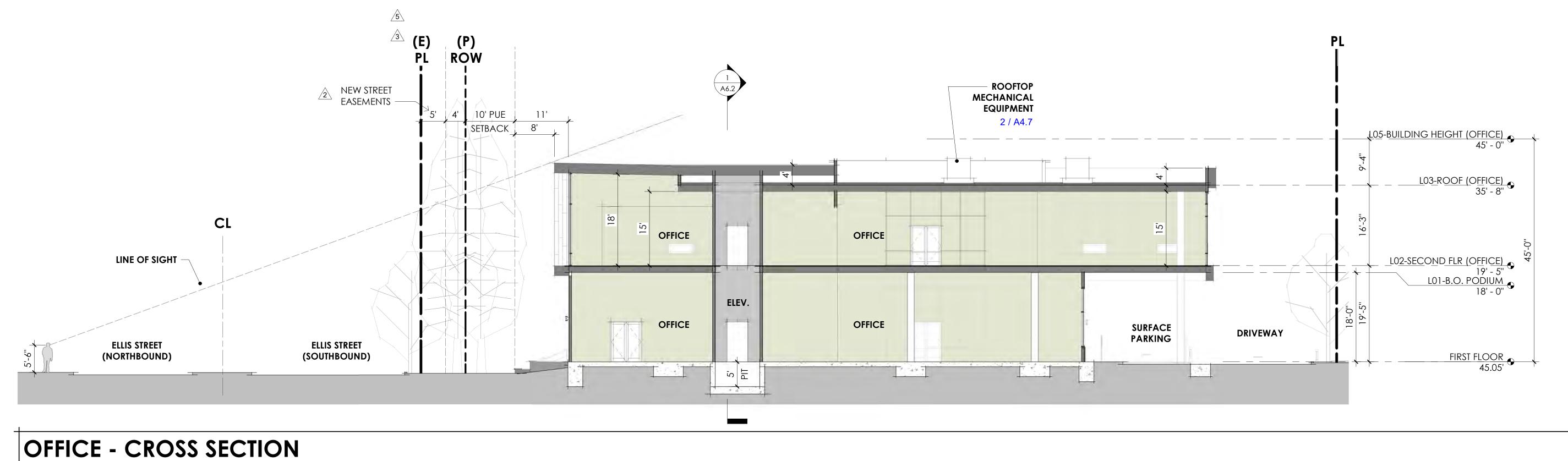
BUILDING SECTIONS -HOTEL Date

10/13/2023

Scale
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11x17: 3/64"=1'-0"
Sheet

A6.1

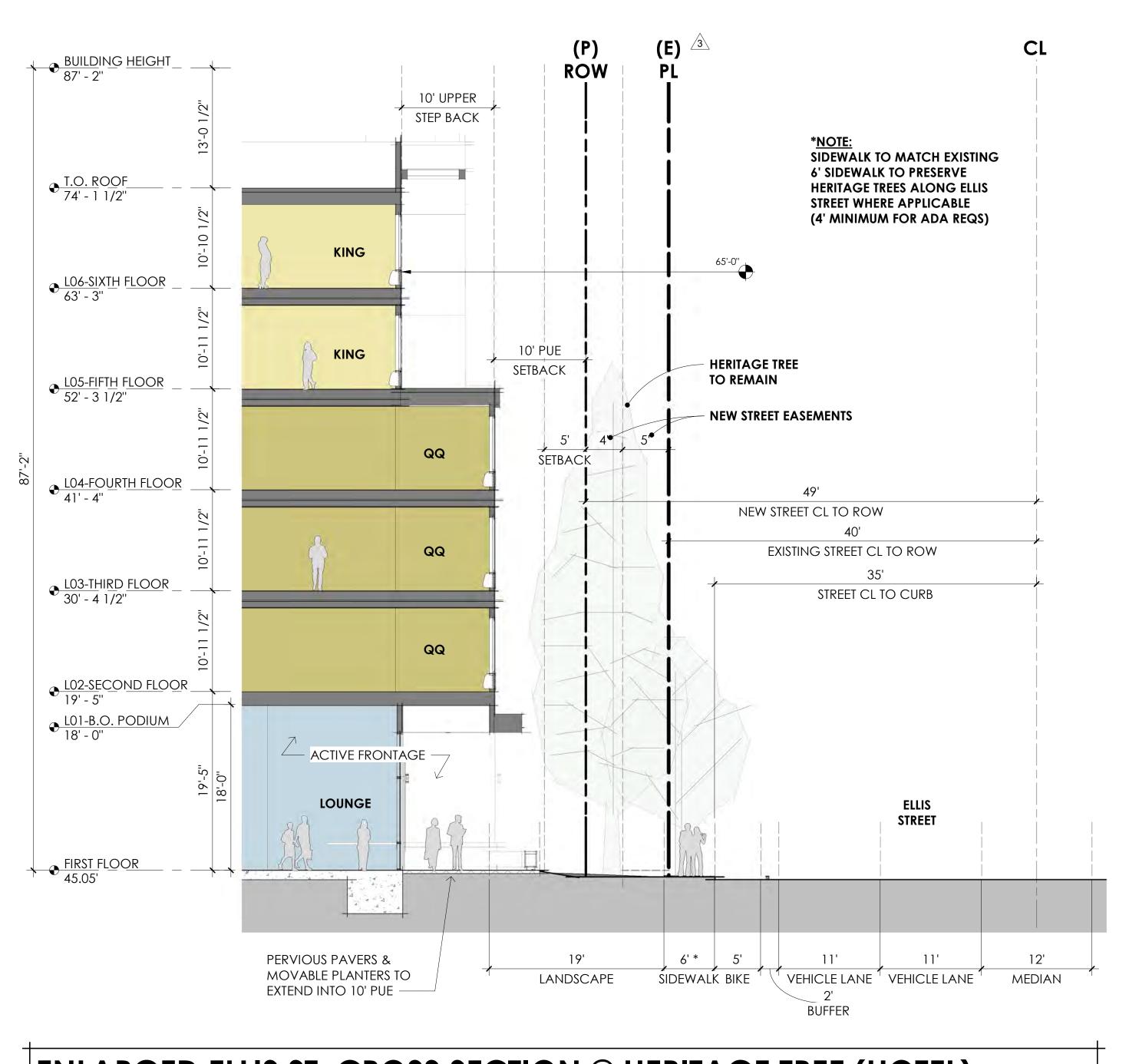






500 & 550 ELLIS ST. MOUNTAIN VIEW, CA

BUILDING SECTIONS OFFICE



**ROW** € T.O. ROOF 74' - 1 1/2" SUITE • L06-SIXTH FLOOR 63' - 3" SUITE 10' PUE SETBACK • L05-FIFTH FLOOR 52' - 3 1/2" **NEW STREET EASEMENTS** 5' 4° 5° SETBACK SUITE NEW STREET CL TO ROW SUITE EXISTING STREET CL TO ROW • L03-THIRD FLOOR -STREET CL TO CURB SUITE • L02-SECOND FLOOR \_ • L01-B.O. PODIUM 18' - 0" ACTIVE FRONTAGE SEATING ELLIS STREET FIRST FLOOR 45.05' BIKE LANDSCAPE SIDEWALK VEHICLE LANE VEHICLE LANE BUFFER LANDSCAPE

ENLARGED ELLIS ST. CROSS SECTION @ HERITAGE TREE (HOTEL)

ENLARGED ELLIS ST. CROSS SECTION - PER EWPP (HOTEL)

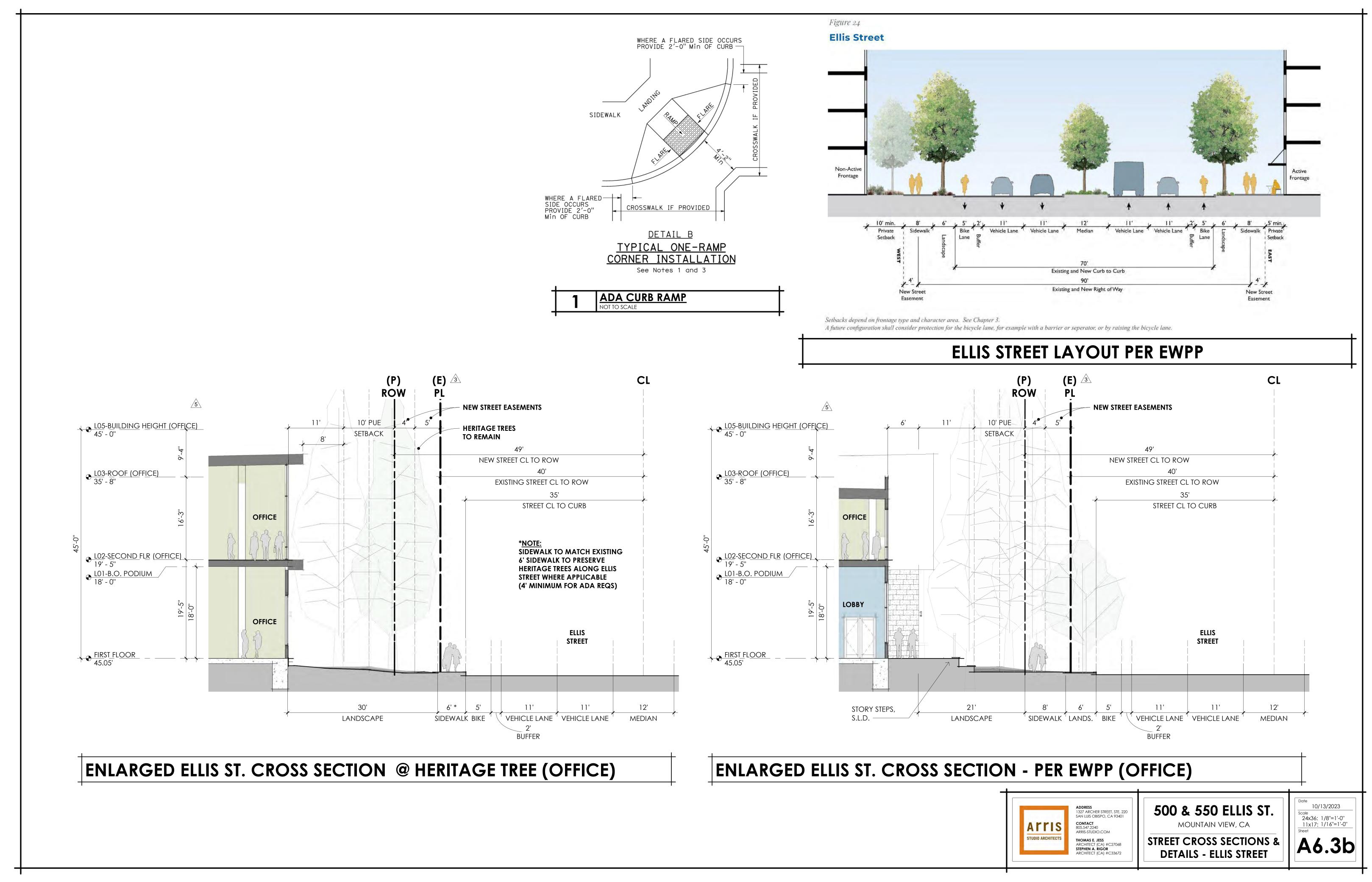


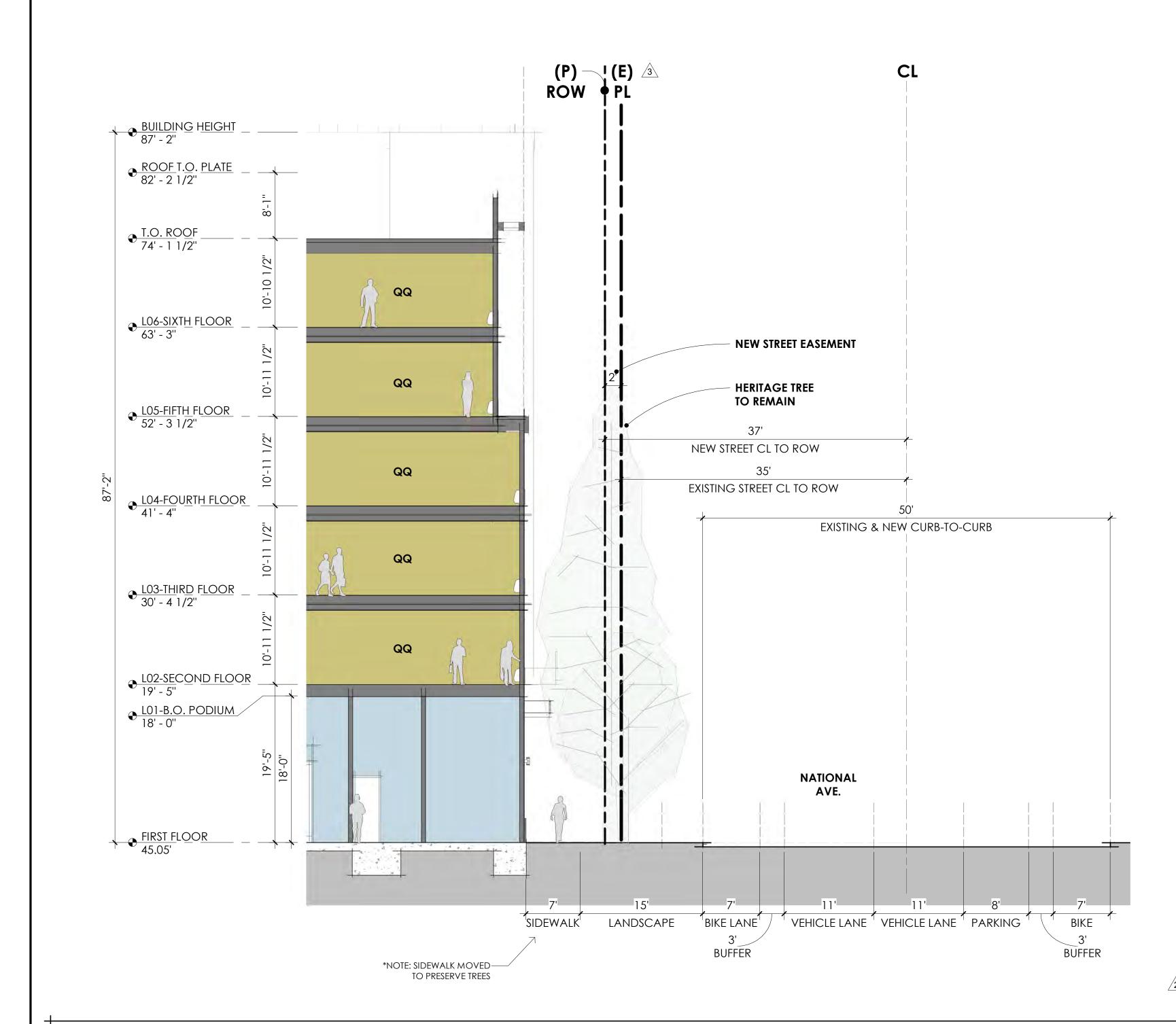
500 & 550 ELLIS ST. MOUNTAIN VIEW, CA

STREET CROSS SECTIONS & DETAILS - ELLIS STREET

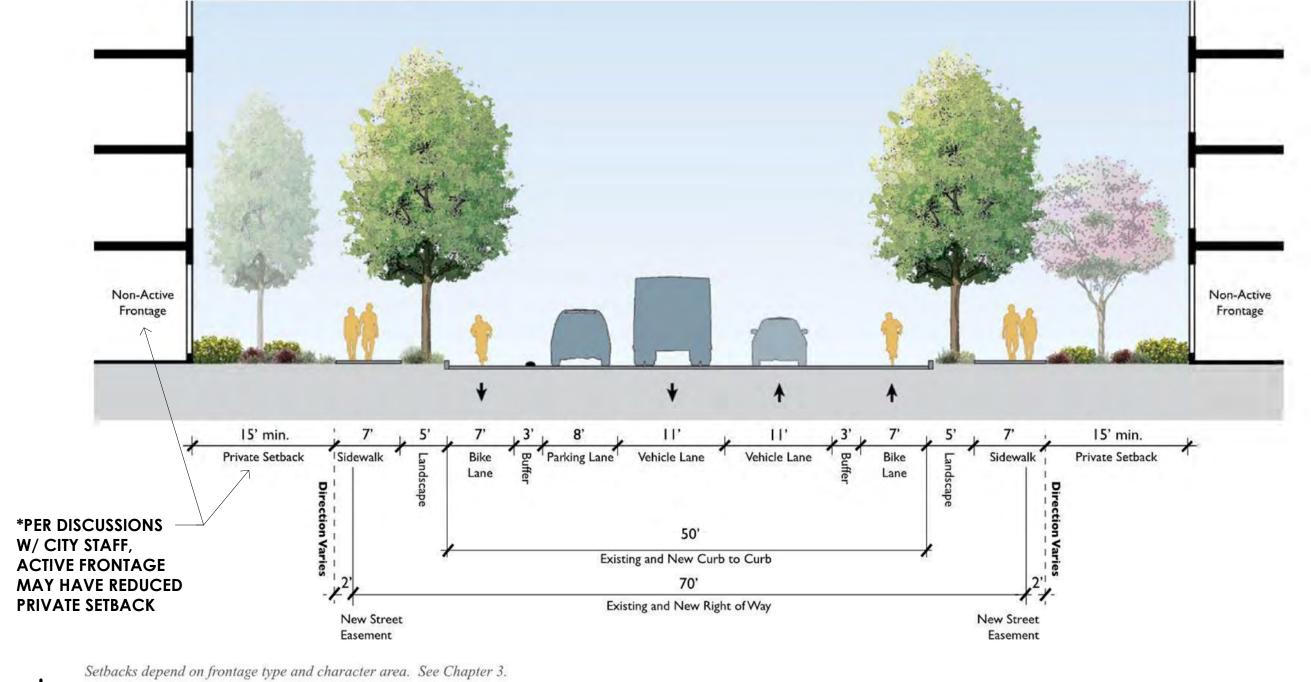
Date 10/13/2023 Scale 24x36: 1/8"=1'-0" 11x17: 1/16"=1'-0" Sheet

**A6.3**a





National Avenue, Clyde-Logue Avenue Connection (Street D) and Future restriping of Clyde, Maude, and Logue Avenues (Direction varies)



PROPOSED ENLARGED NATIONAL AVE. CROSS SECTION (HOTEL)

NATIONAL AVE STREET LAYOUT PER EWPP



500 & 550 ELLIS ST. MOUNTAIN VIEW, CA

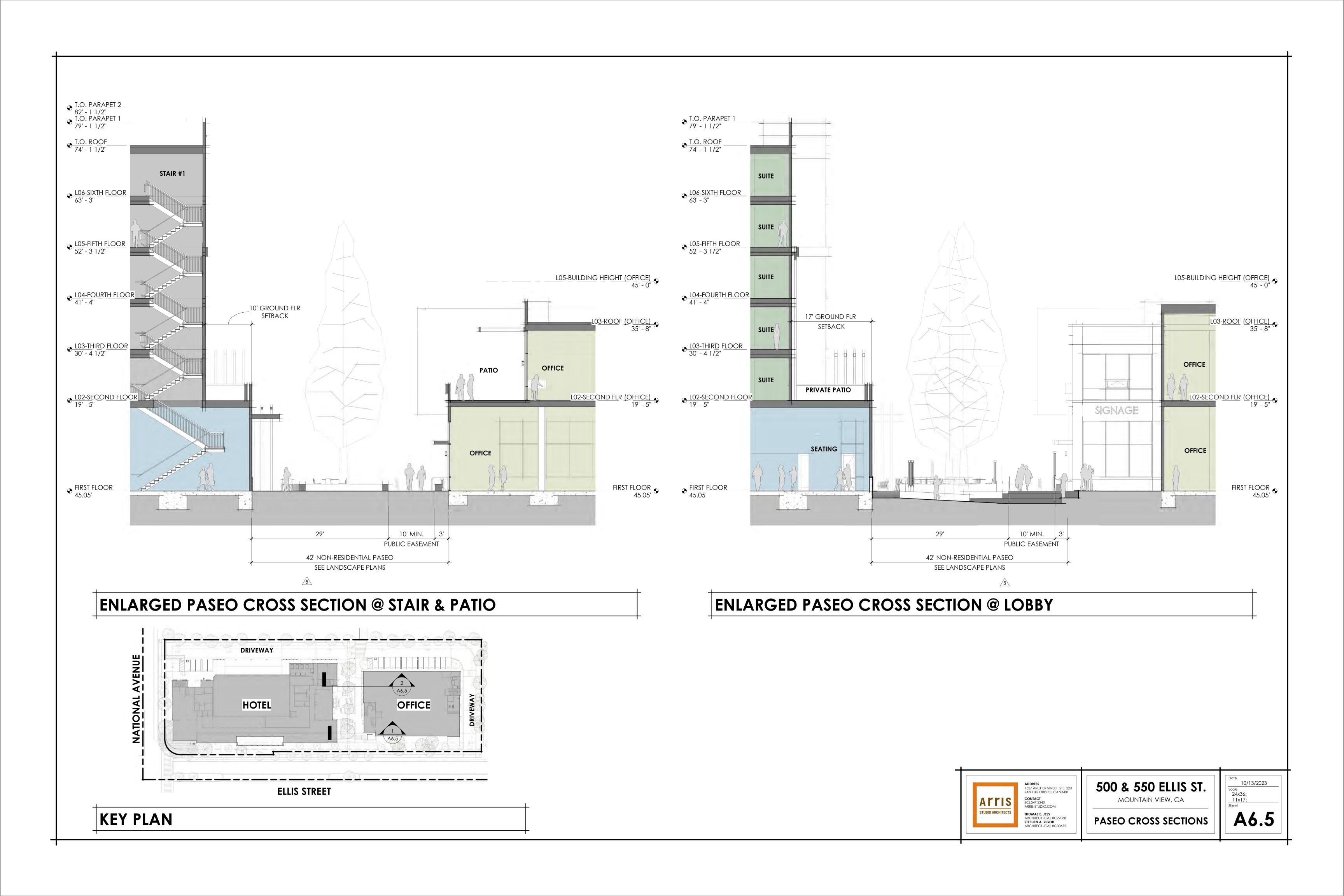
STREET CROSS SECTIONS & DETAILS - NATIONAL AVE

Date

10/13/2023

Scale
24x36: 1/8"=1'-0"
11x17: 1/16"=1'-0"
Sheet

A6.4



# UTRON AUTOMATED PARKING SYSTEM

THE AUTOMATED PARKING SYSTEM IS PROPOSED AS A "LISTED" APPROVED PIECE OF EQUIPMENT. THE SYSTEM WORKS WITH A COMBINATION OF CONVEYANCE DEVICES, SOFTWARE TECHNOLOGY, AND A MOBILE APP FOR THE BEST USER EXPERIENCE. THE SYSTEM CONSISTS OF AN ARRAY OF ELECTRO-MECHANICAL INFRASTRUCTURE AND COMPUTER-CONTROLLED ROBOTS. THE CONVEYING DEVICES ARE CAPABLE OF VERTICAL AND HORIZONTAL MOVEMENT AND USED TO STORE/RETRIEVE VEHICLES TO/FROM AVAILABLE MULTI-DEPTH PARKING POSITIONS WITHOUT HUMAN INTERVENTION.

#### THE SYSTEM CHARACTERISTICS ARE:

- ELECTRO-MECHANICAL CONVEYING DEVICES
- ENCLOSED STRUCTURE, SINGLE-LEVEL OR MULTI-LEVEL STRUCTURE
- MULTIDIMENSIONAL/MULTIDIRECTIONAL/MULTI-DEPTH MOVEMENTS
- ENTRY/EXIT BAY ROOMS

NO HUMANS WALK INSIDE THE AUTOMATED PARKING GARAGE OR DRIVE VEHICLES WITHIN THE STRUCTURE. THAT ENABLES HIGH-DENSITY PARKING AND EFFICIENT LAND-USE. WITH NO RAMPS, TURNING RADII, OR PEDESTRIAN WALKWAYS NEEDED, THE SYSTEM UTILIZES THE STRUCTURE EFFICIENTLY AND FREE UP VALUABLE SPACE FOR MORE UNITS OR AMENITIES.

IN MANY PROJECTS, IMPLEMENTING OUR AUTOMATED PARKING SYSTEM RESULTED IN SAVING 50% OF THE REQUIRED SPACE, COMPARED TO CONVENTIONAL PARKING.

# **PARKING**

- 1. THE DRIVER APPROACHES THE BAY WITH THE CAR AND STOPS AT THE MARKED SIGN. A ROLLING DOOR OPENS AND THE USER DRIVES THE CAR INTO THE BAY WHERE IT IS MEASURED BY SENSORS AND GUIDED TO THE CORRECT POSITION BY INSTRUCTIONS ON A SCREEN IN FRONT OF THE DRIVER. WHEN THE CAR IS CORRECTLY POSITIONED, THE DRIVER GETS AN ON-SCREEN APPROVAL THAT THE CAR IS READY TO BE PARKED.
- 2. THE DRIVER THEN EXITS THE CAR AND LOCKS IT, LEAVES THE BAY ROOM AND GOES TO THE KIOSK TO COMPLETE THE PARKING PROCEDURE. THE PARKING PROCESS IS INITIATED USING THE U-TRON MOBILE APP OR AT THE KIOSK PAYMENT MACHINE WITH CARD SWIPE OR BY PULLING A PAY TICKET.
- 3. WHEN THE REQUEST AT THE APP/KIOSK IS COMPLETE, THE BAY DOOR CLOSES, AND SENSORS SWEEP THE ROOM TO DETECT THAT THERE IS NO MOVEMENT OUTSIDE THE CAR. ACCORDING TO THE CAR'S DIMENSIONS, A SHUTTLE SYSTEM RETRIEVES THE CAR FROM THE BAY AND STORES IT IN A SUITABLE PLACE.
- 4. THE BAY ROOM IS NOW READY FOR ANOTHER CAR TO BE PARKED, OR FOR A CAR TO BE RETRIEVED FROM STORAGE.

# RETRIEVAL

- 1. THE DRIVER USES THE APP OR SWIPES A PERSONAL CARD AT THE KIOSK PAYMENT MACHINE (OR PAYS THE PARKING FEE), WHICH TRIGGERS A REQUEST TO RETRIEVE THE CAR.
- THE KIOSK SCREEN DISPLAYS THE CURRENT REQUEST IN THE QUEUE, TOGETHER WITH REQUESTS FROM OTHER DRIVERS.
- THE AUTOMATED SHUTTLE SYSTEM RETRIEVES THE CAR FROM STORAGE AND DELIVERS IT TO AN EMPTY BAY ROOM.
- THE SCREEN NOW SHOWS THE BAY ROOM IN WHICH THE RETRIEVED CAR WILL BE DELIVERED.
- THE DESIGNATED BAY ROOM DOOR OPENS WITH THE CAR FACING OUT AND READY TO GO. ALL THE USER NEEDS TO DO IS GET IN AND DRIVE STRAIGHT OUT.

# **AUTOMATED EV CHARGING**

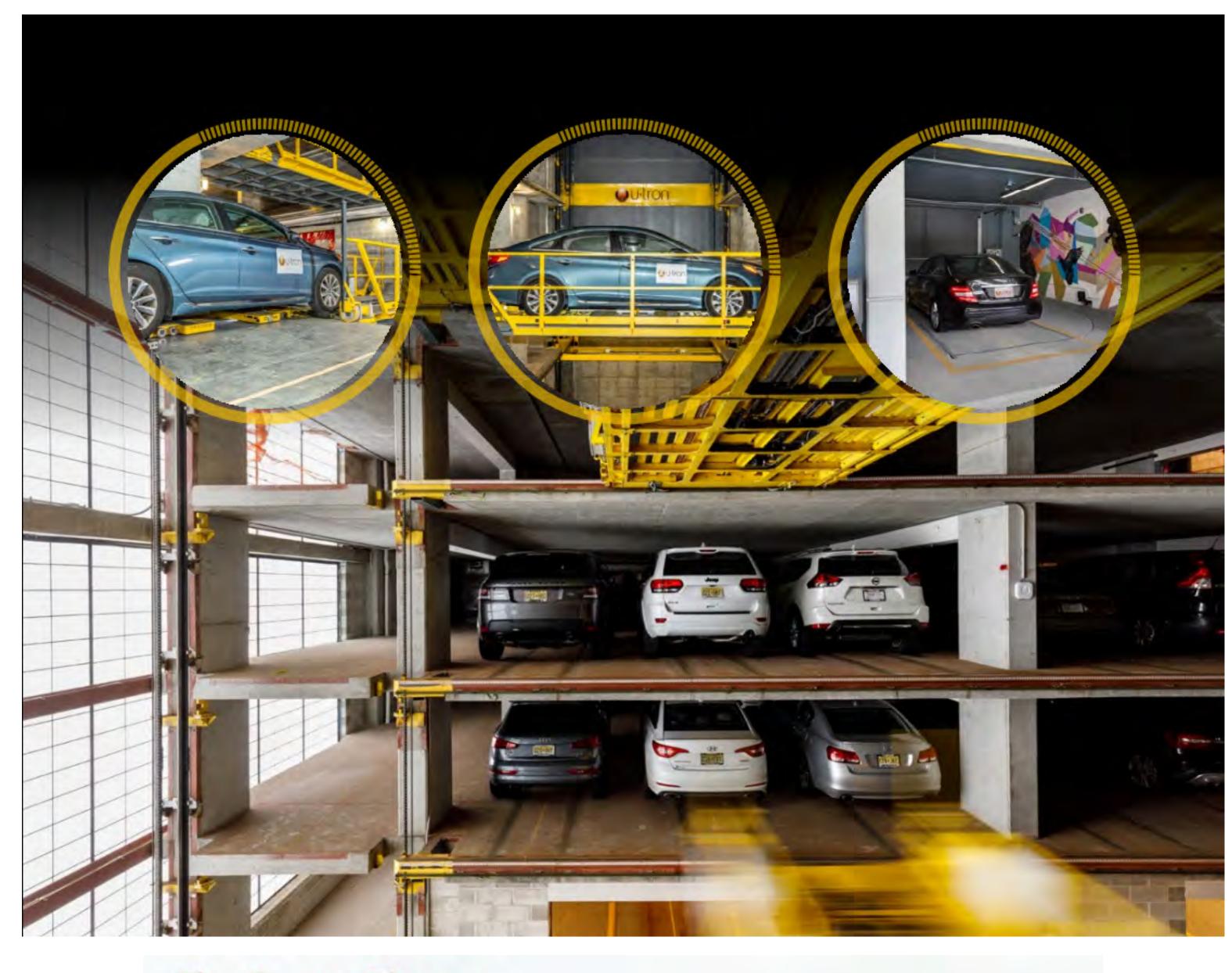
THE AUTOMATED PARKING STRUCTURE CAN CHARGE AND SHUFFLE CARS WITHOUT THE PRESENCE OF A DRIVER/KEYS, AUTOMATICALLY PLUGGING/UNPLUGGING VEHICLES USING A ROBOTIC ARM WITH A GRIPPER (SIMILAR TO CAR MANUFACTURING PRODUCTION LINES).

UTRON TYPICALLY UTILIZES ALL DC FAST CHARGERS, WHICH ARE ABLE TO CHARGE ELECTRIC VEHICLLES FROM 20% TO 80% IN UNDER AN HOUR, COMPARED TO AN AC LEVEL 2 CHARGER, WHICH WOULD TAKE 6 TO 8 HOURS TO ACHIEVE THE SAME. BASED ON THIS, OTHER JURISDICTIONS HAVE RECOGNIZED A CREDIT RATIO OF (1) DC FAST CHARGER TO (6) AC LEVEL 2 CHARGERS.

TO MEET THE EV CHARGING REQUIREMENTS SET FORTH IN THE CITY OF MOUNTAIN VIEW REACH CODE, THE PROJECT PROPOSES (7) LEVEL 3/ DC FAST CHARGERS ASSUMING (5) ADDITIONAL DC FAST CHARGERS ARE EQUIVALENT TO (30) AC LEVEL 2 CHARGERS. PER PARKING CALCULATIONS ON SHEET A0.1., (28) AC LEVEL 2 CHARGERS AND (2) DC FAST CHARGERS ARE REQUIRED, WITH THE REMAINDER OF SPACES EV READY.

<u> 6 AC CHARGERS</u> 5 DC FAST CHARGERS X 1 DC FAST CHARGER

= 30 AC CHARGERS



# ↑ The Smart Charger

Electrical Vehicle (EV) Charging solution achieves more charging using less infrastructure

- Smart queue management
- Complete Process from plug to payment
- Compatibility with the 3 most common plugs for EV charging
- Integration with the U-tron revenue control system
- Power consumption data and analytics





500 & 550 ELLIS ST. MOUNTAIN VIEW, CA

> **PARKING LIFT INFORMATION**

10/13/2023 Scale 24x36: NTS 11x17: A6.6

# PARKING LIFT INFORMATION

# MONOLINE DUO BIKE RACK

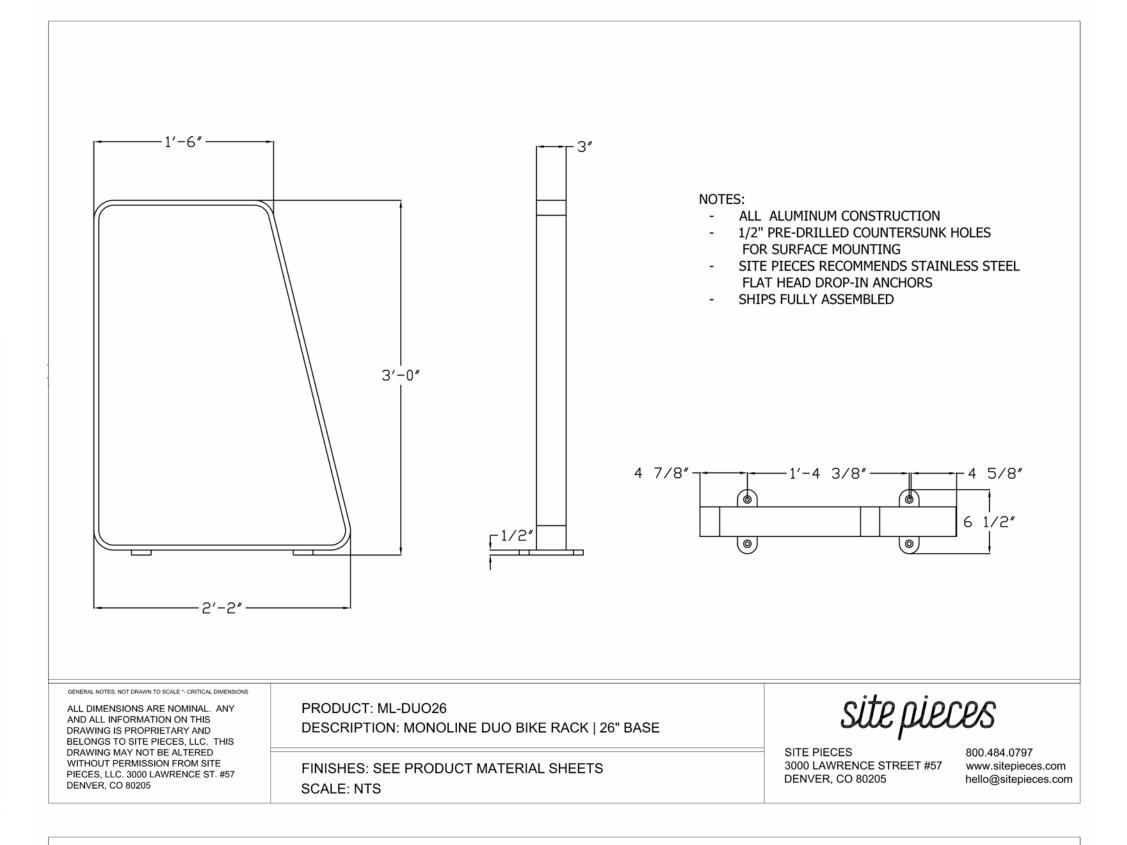
The Duo Bike Rack, with its mirrored forms, provides designers the opportunity to mix things up and create their own sequence of bike racks or use them as a pedestrian barrier to busy streets.

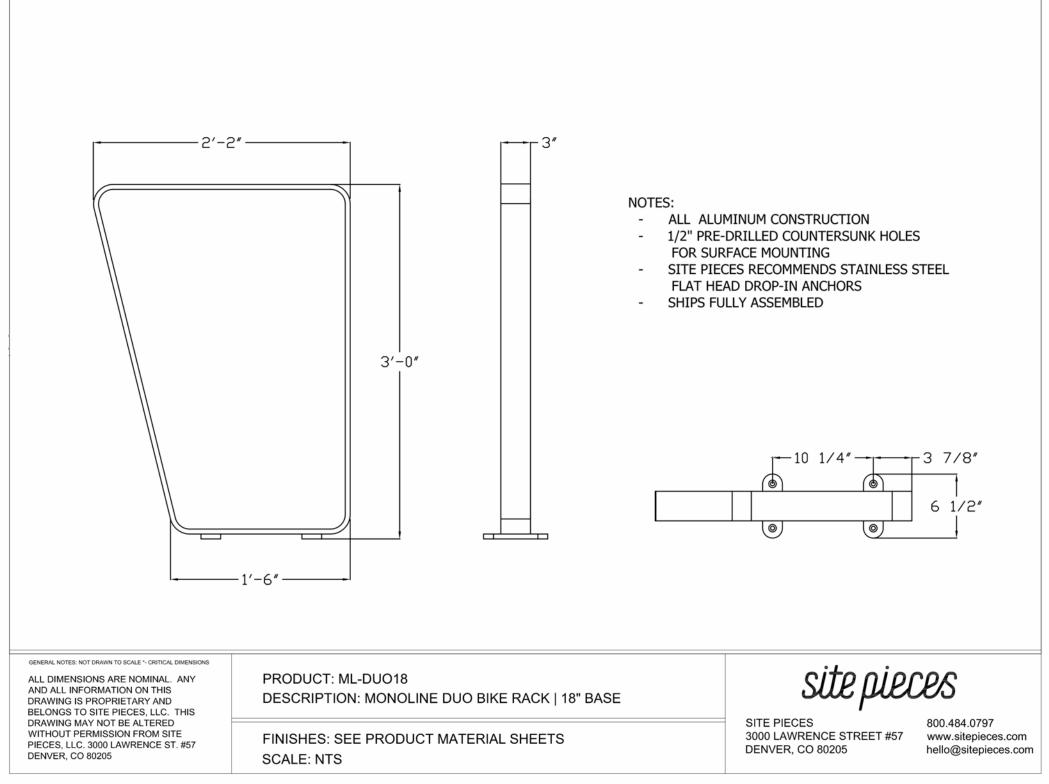
- all aluminum frame construction
- powder coated finish
- surface mount + in-ground mount options
- countersunk holes for surface mounting
- two-bike capacity

base length:	width:	height:
26"	3"	36"
18"	3"	36"
	26"	26" 3"

NOTE: please add "-IG" at the end of product number to specify the in-ground mount option









# **FEATURES**

- · Custom fabricated for each application
- Vertical supports & horizontal caps are welded together for industry's only structural picture frame design
- · Customizable visibility & ventilation
- · Industry's only blasted & powder coated finish
- · Every system is shop assembled & packaged
- Systems follow core engineering principles

· Professional grade door hardware incorporated

# **SPECIFICATIONS**

Material: Aluminum Louver dimensions: 1/8" x 3" Installed louver profile: 2" x 2.873" Louver spacing o.c.: 2.65"

Visibility: 100% direct visual screening

Openness: 64% Vertical supports: 3" x 3" x 1/4" angles

Top Cap: 3" x 3" x 1/4" angle Bottom Cap: 3" x 3" x 1/4" angle Intermediate supports: 2" x 1/4" flat bar

Not to exceed 24" o.c. Structure: PalmSHIELD exclusive fully framed Panel width: Unlimited - Standard is 48" to 60" Panel height: Unlimited - Standard is up to 12'



PalmSHIELD is the only louver manufacturer providing a structural picture frame design to fully enclose each panel for your rooftop screen or mechanical equipment screen. This allows our louvered panels great flexibility in spanning considerable widths and heights.

12330 CARY CIRCLE LA VISTA, NE 68128

531-329-4406

PALMSHIELDLOUVERS.COM

# OUDOOR BIKE RACKS

# MECHANICAL SCREENING



500 & 550 ELLIS ST. MOUNTAIN VIEW, CA

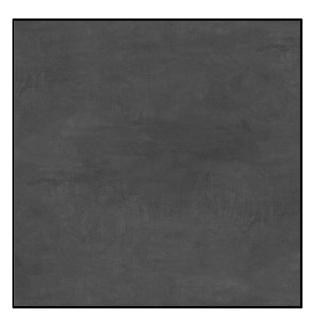
SITE DETAILS

10/13/2023 Scale 24x36: NTS 11x17: A6.7

H-1: HPL PANEL
TRESPA
METEON, NATURALS
"CASTED GREY"



H-2: HPL PANEL
TRESPA
METEON, NATURALS
"NATURAL SLATE", MATT-ROCK



H-3: HPL PANEL
TRESPA
METEON, LUMEN
"ROMAN BRONZE"



ANODIZED ALUMINUM

DARK BRONZE

A-1: WINDOWS, DOORS & BRAKE METAL

W-1: WOOD-LOOK SIDING & SOFFITS

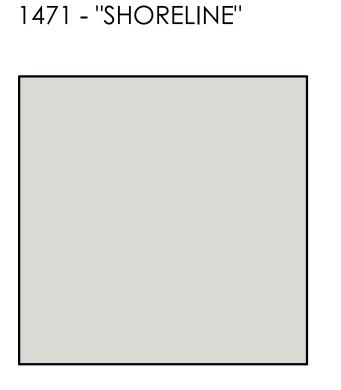
TRESPA

METEON WOOD DECORS

NW31 "WESTERN RED CEDAR"



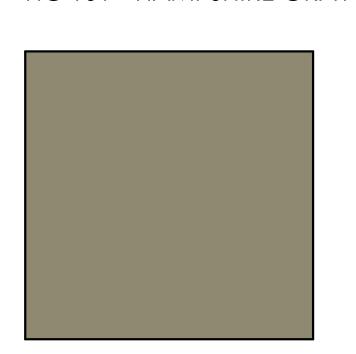
P-1: PAINTED EIFS
BENJAMIN MOORE
OC 65 - "CHANTILLY LACE"



P-2: PAINTED EIFS

BENJAMIN MOORE

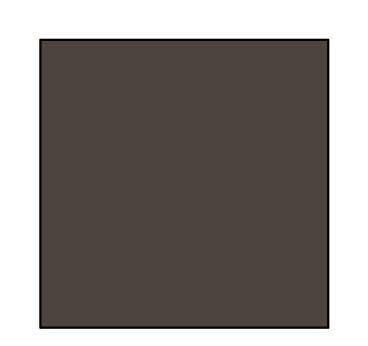
P-3: PAINTED EIFS
BENJAMIN MOORE
HC 101- "HAMPSHIRE GRAY"



P-4: PAINTED EIFS
BENJAMIN MOORE
2134-30 - "IRON MOUNTAIN"



P-5: PAINTED BOX-RIB PANELS
BENJAMIN MOORE
2134-10 - "NIGHT HORIZON"



# NOTE:

PAINT COLOR AND MATERIAL CHANGES SHALL ONLY OCCUR AT INSIDE CORNERS, IF THERE ARE ANY DISCREPANCIES, CONTACT ARCHITECT.
PAINT COLORS OVER EIFS SURFACES, SEE FLOOR PLANS & WALL ASSEMBLIES.

# **COLORS & MATERIALS**



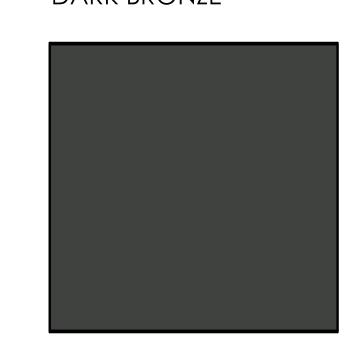
500 & 550 ELLIS ST.
MOUNTAIN VIEW, CA

COLORS & MATERIALS -HOTEL





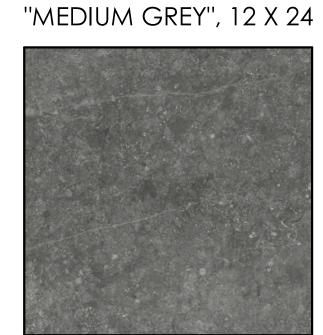
# A-1: WINDOWS, DOORS & BRAKE METAL ANODIZED ALUMINUM DARK BRONZE



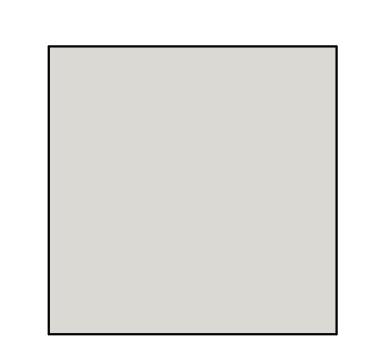
W-1: WOOD-LOOK SIDING & SOFFITS METEON WOOD DECORS NW31 "WESTERN RED CEDAR"



# T-1: STONE-LOOK TILE DALTILE DIPLOMACY

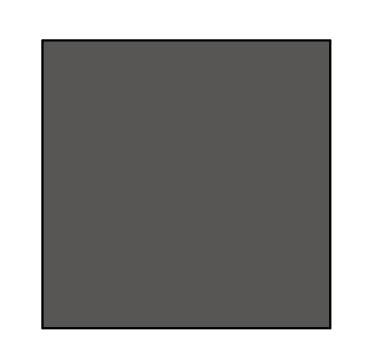


P-1: PAINTED EIFS BENJAMIN MOORE OC 65 - "CHANTILLY LACE"

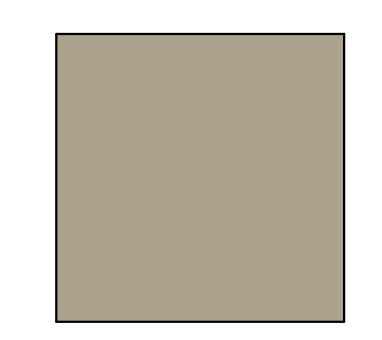


P-2: PAINTED EIFS

#### P-4: PAINTED EIFS BENJAMIN MOORE BENJAMIN MOORE 1471 - "SHORELINE" 2134-30 - "IRON MOUNTAIN"



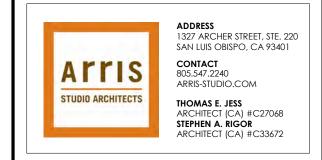
# P-6: PAINTED EIFS BENJAMIN MOORE AF 395 - "MEDITATION"



# NOTE:

PAINT COLOR AND MATERIAL CHANGES SHALL ONLY OCCUR AT INSIDE CORNERS, IF THERE ARE ANY DISCREPANCIES, CONTACT ARCHITECT. PAINT COLORS OVER STUCCO SURFACES, SEE FLOOR PLANS & WALL ASSEMBLIES.

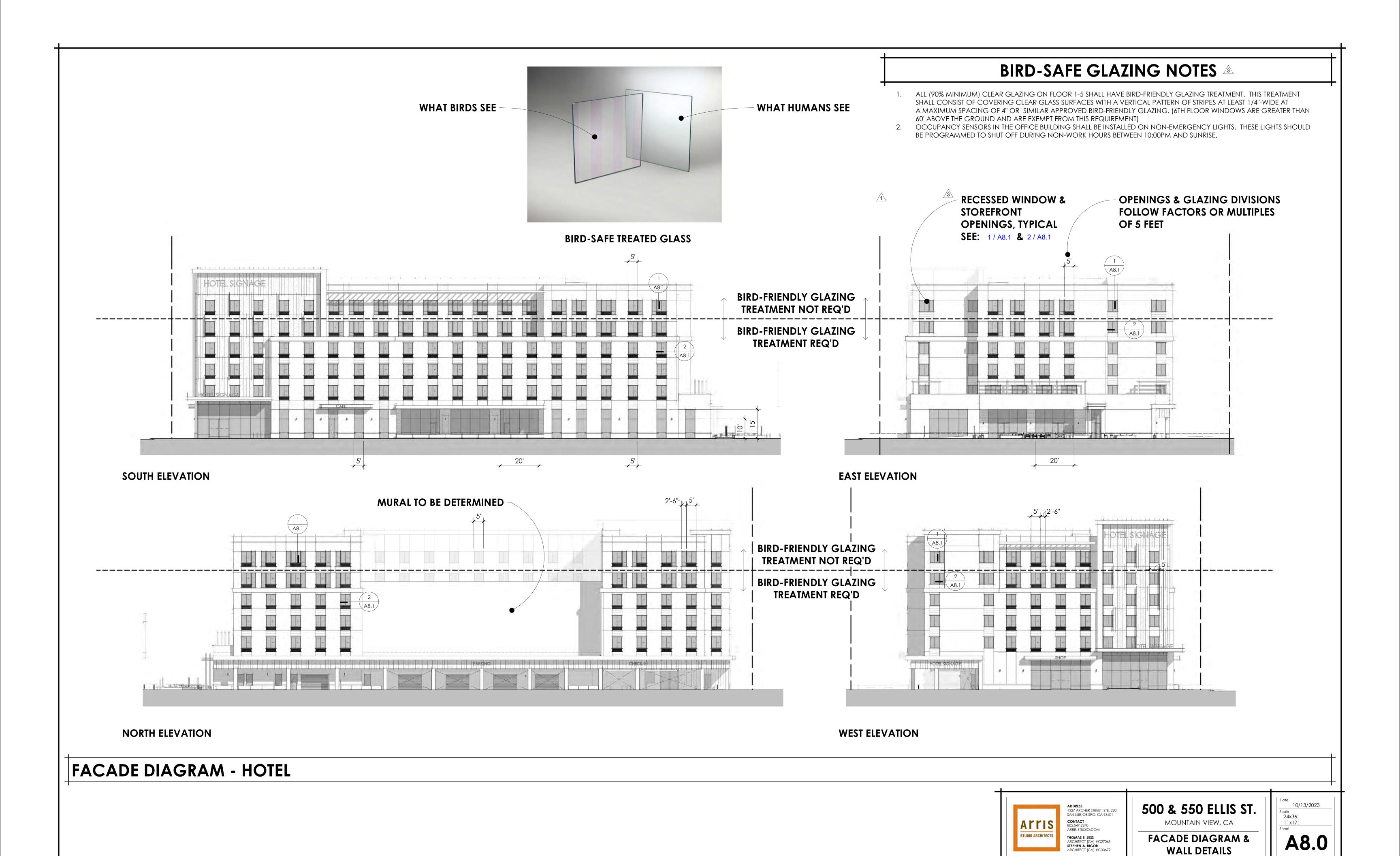
# COLORS & MATERIALS

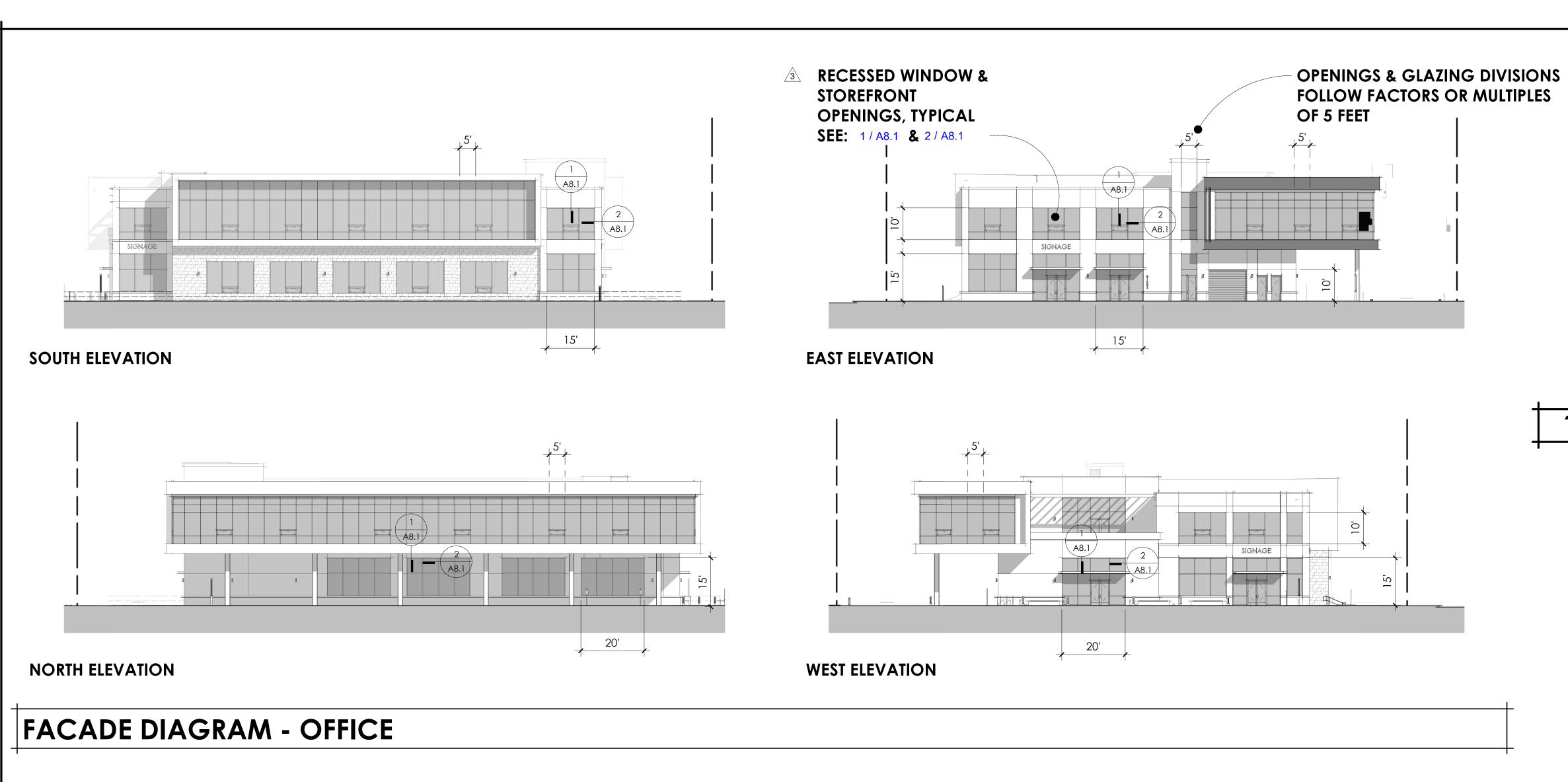


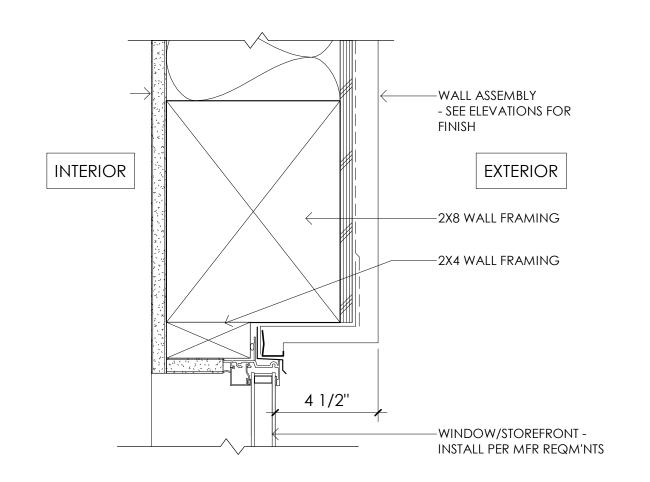
500 & 550 ELLIS ST. MOUNTAIN VIEW, CA

**COLORS & MATERIALS -OFFICE** 

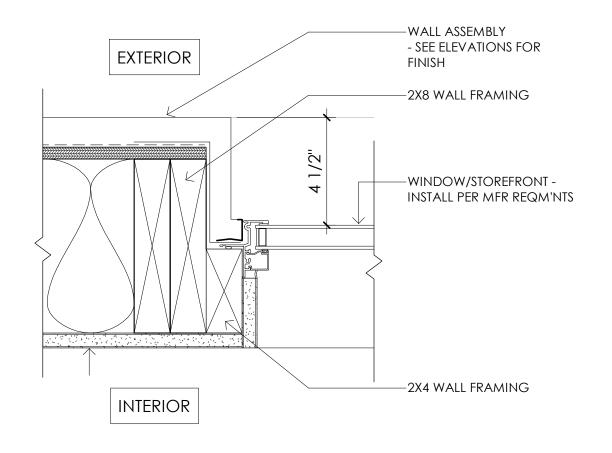




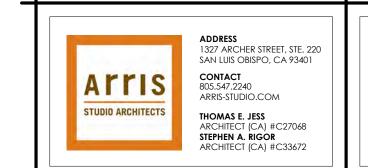




RECESSED WINDOW/STOREFRONT HEAD - TYPICAL
3" = 1'-0"



2 RECESSED WINDOW/STOREFRONT JAMB - TYPICAL
3" = 1'-0"

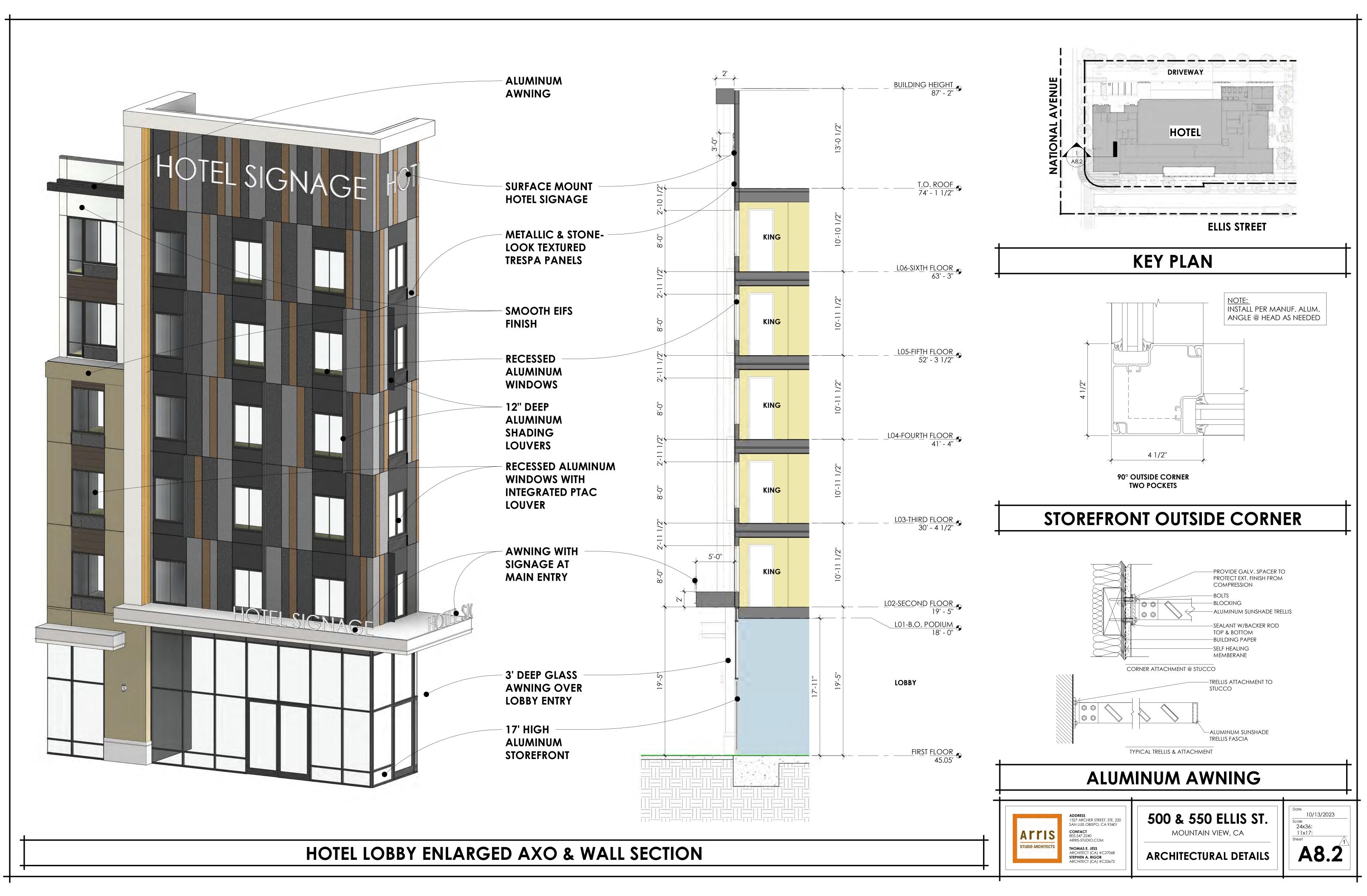


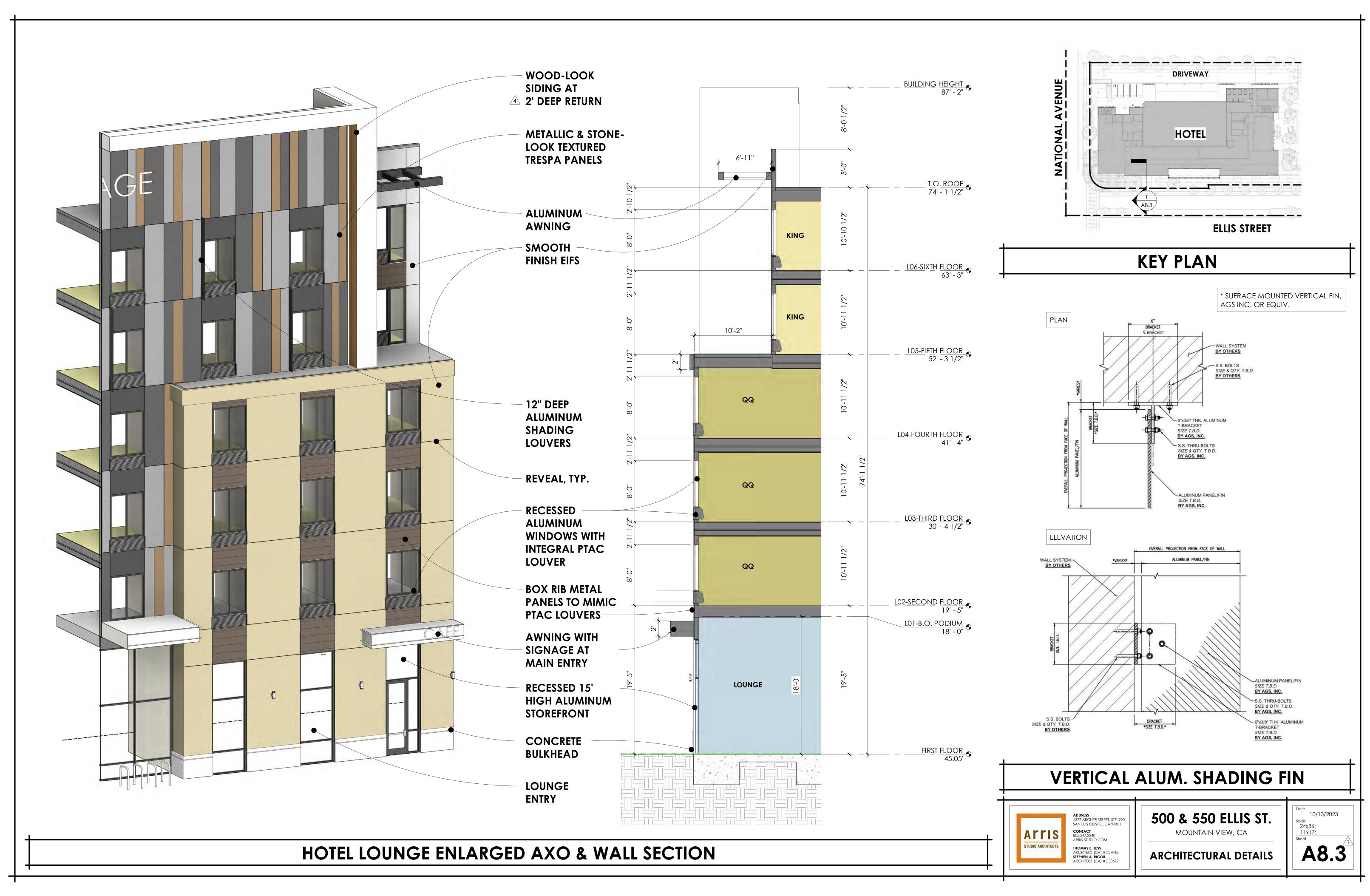


**WALL DETAILS** 

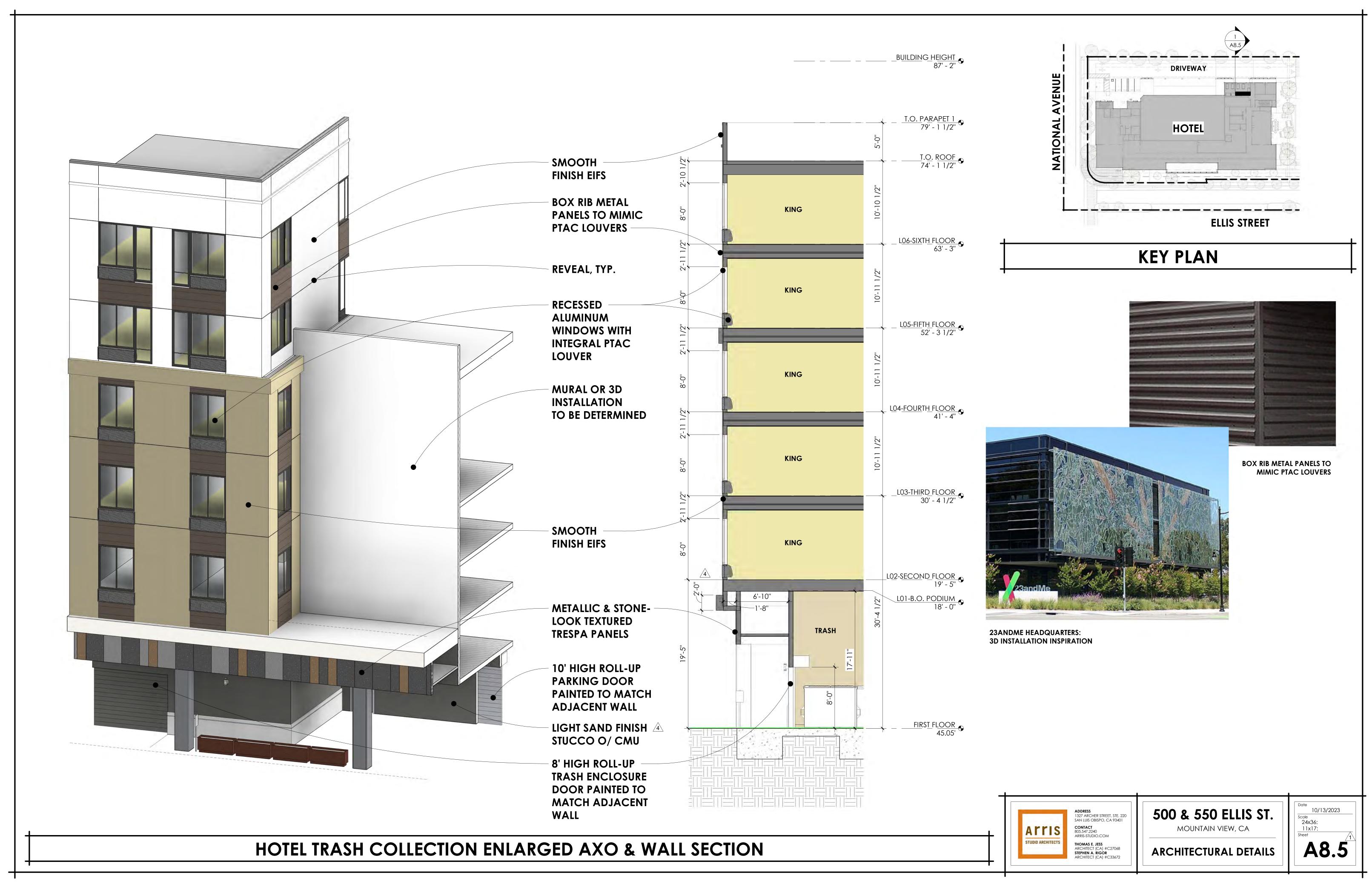
10/13/2023
Scale
24x36:
11x17:
Sheet

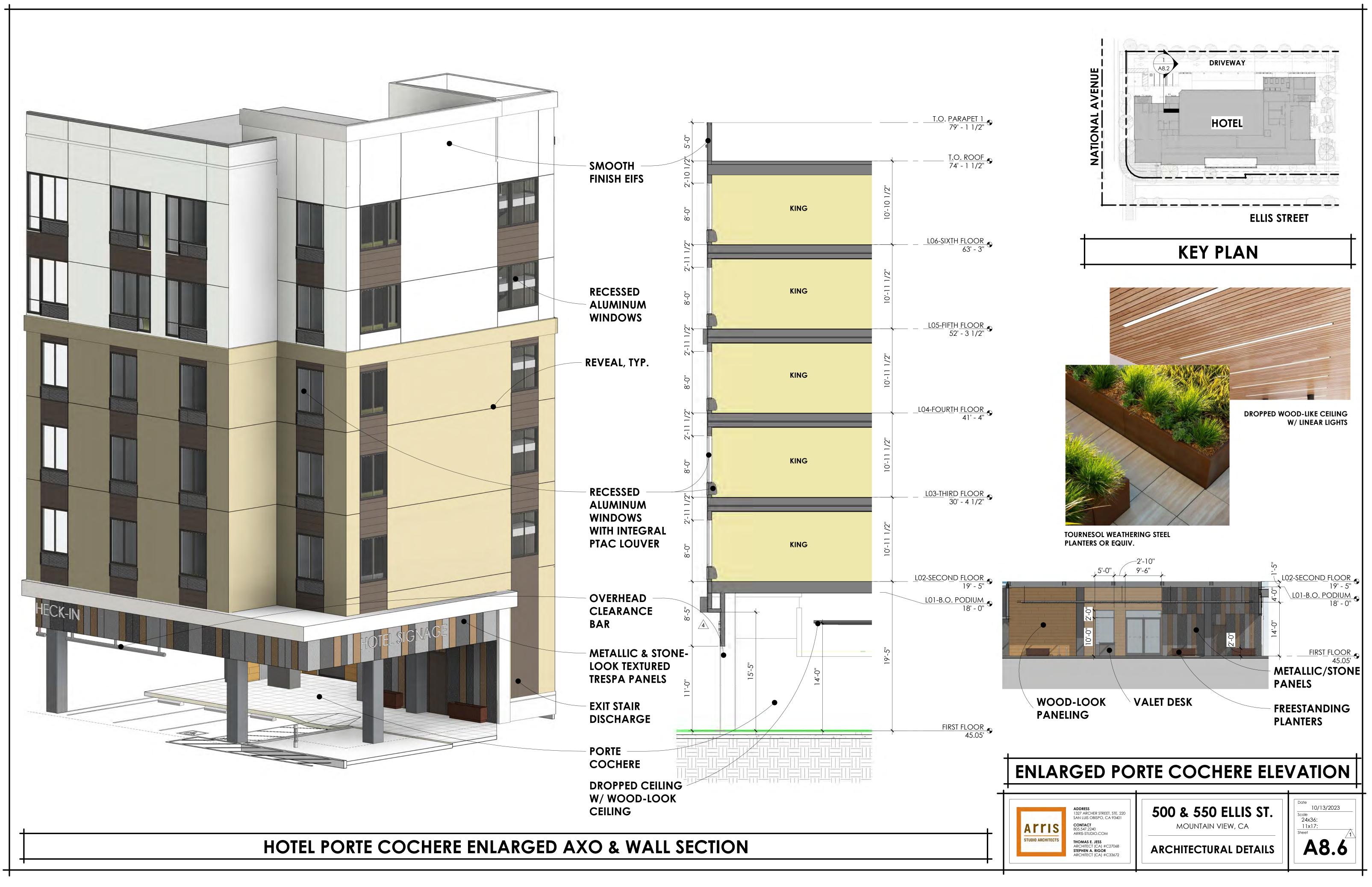
A8.1

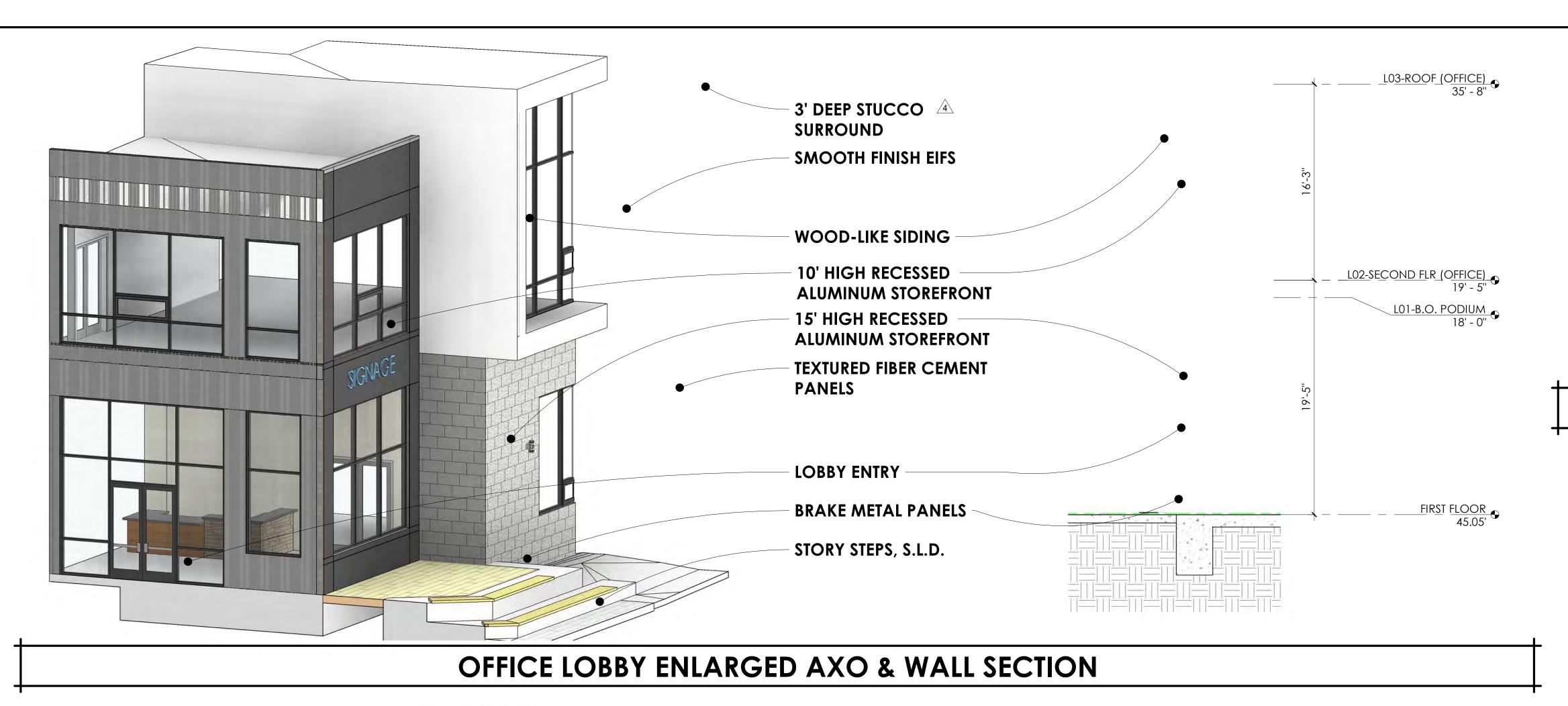






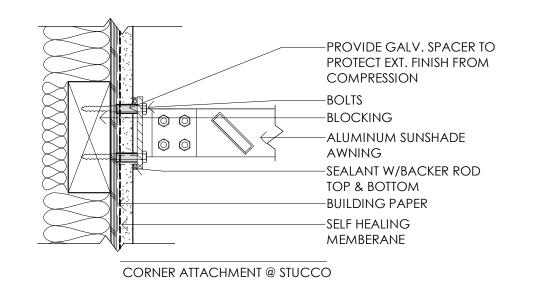


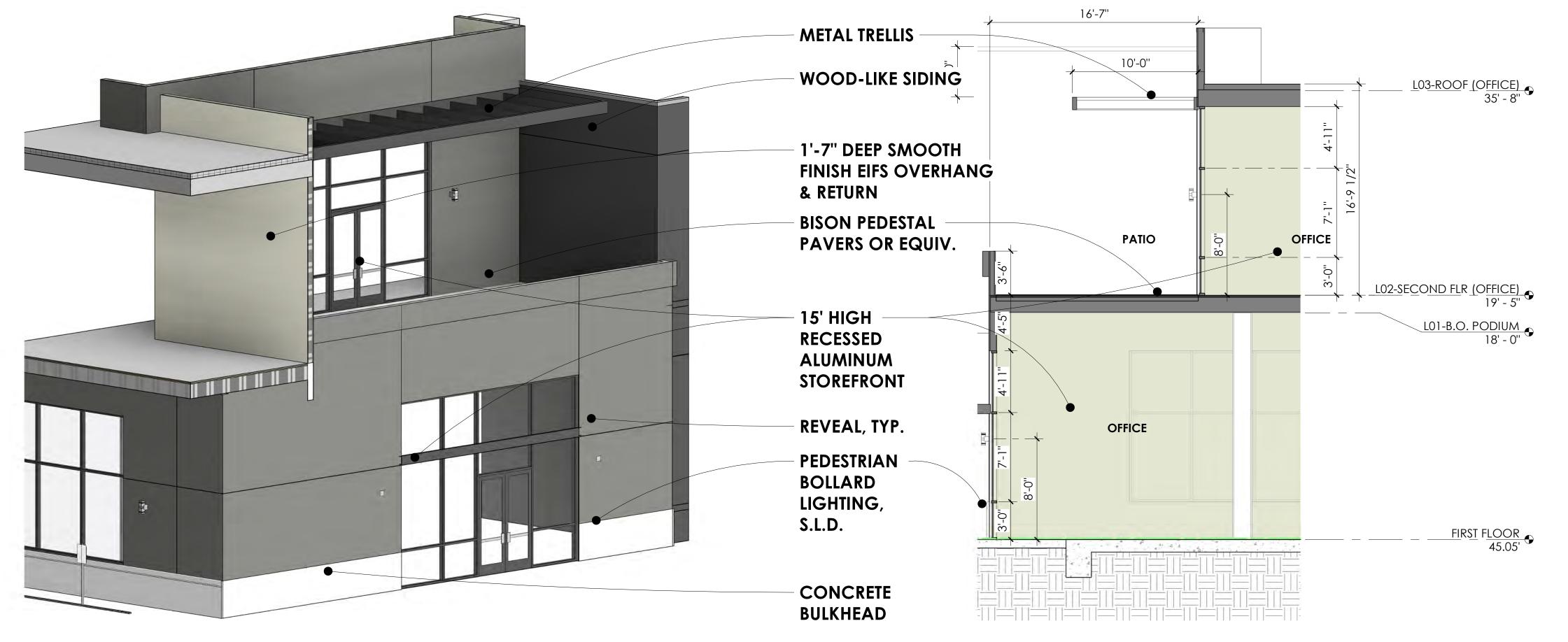




# DRIVEWAY OFFICE 3 A8.7 ELLIS STREET

# **KEY PLAN**





OFFICE PATIO ENLARGED AXO & WALL SECTION

# **ALUMINUM AWNING**



AGS INC.SUNSHADE OR EQUIV.

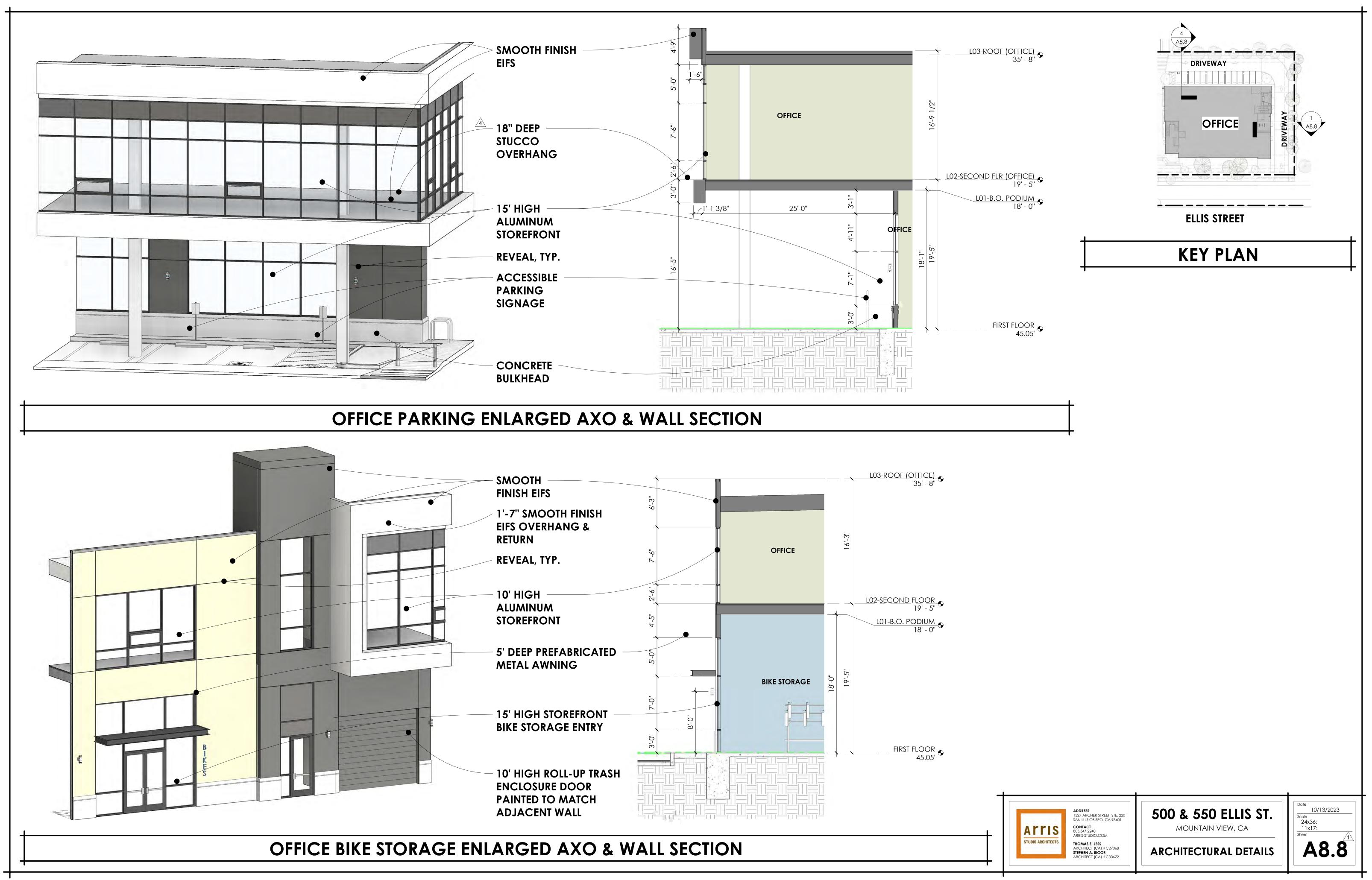


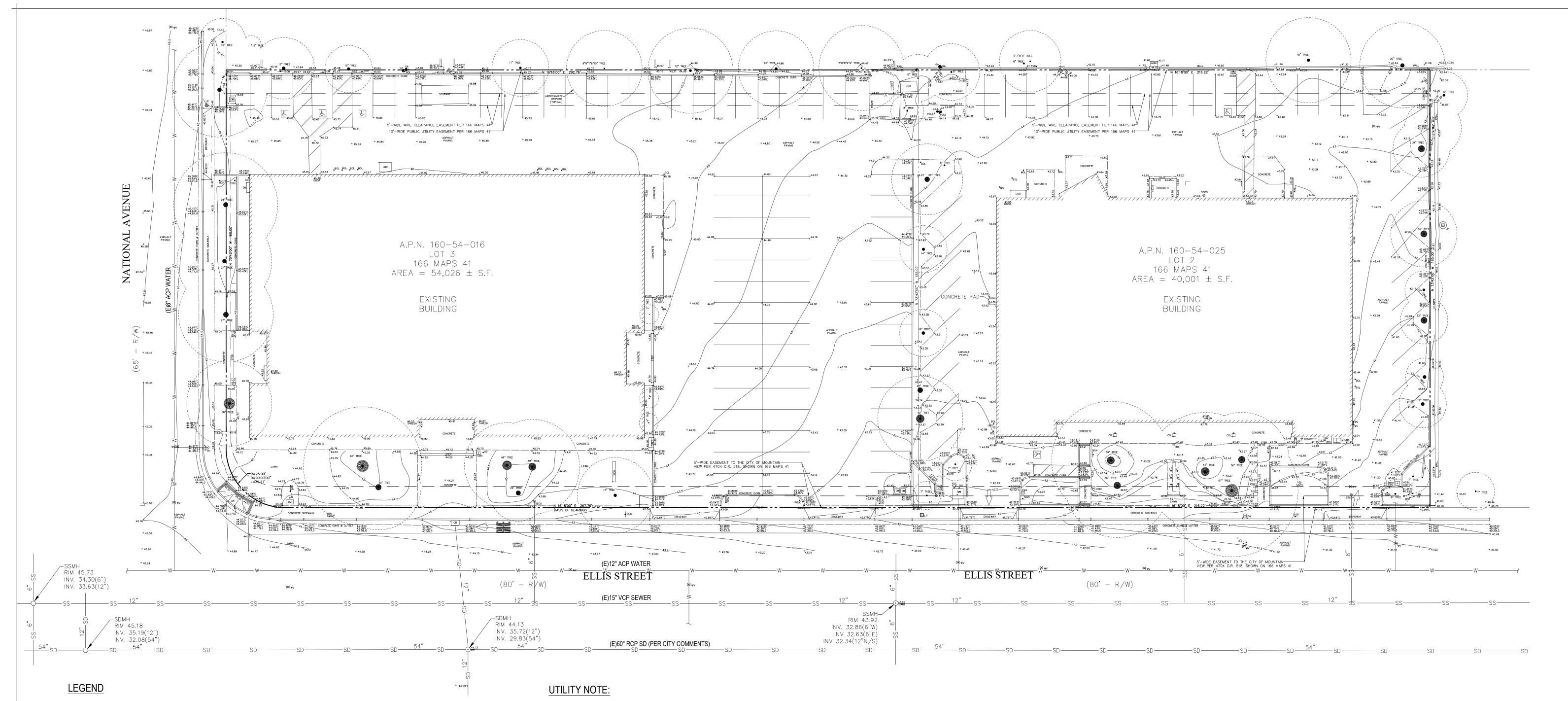
500 & 550 ELLIS ST.

MOUNTAIN VIEW, CA

ARCHITECTURAL DETAILS

10/13/2023
Scale
24x36:
11x17:
Sheet





	PROPERTY LINE		
AR	ACCESS RAMP	JP Q	JOINT UTILITY POLE
BFP	BACKFLOW PREVENTER	LG	LIP OF GUTTER
BOL	BOLLARD	LP-\$	LIGHT POLE
СВ	CATCH BASIN	LT- <del> </del>	LIGHT
CO	CLEANOUT	PIV	POST INDICATOR VALVE
COL	COLUMN	SSCO	SANITARY SEWER CLEANOU
EBX	ELECTRIC BOX	SSMH	SANITARY SEWER MANHOLE
FDC	FIRE DEPARTMENT CONNECTION	TC	TOP OF CURB
FH 💙	FIRE HYDRANT	TG	TOP OF GRATE
FL	FLOWLINE	THRESH	THRESHOLD
GA -	GUY ANCHOR	TW	TOP OF WALL
GM	GAS METER	UBX	UTILITY BOX
НВ	HOSE BIB	WM	WATER METER
ICBX	IRRIGATION BOX	WV M	WATER VALVE
INV.	INVERT	●12" TREE	TREE W/ SIZE
		XXX	FENCE

THE UTILITIES EXISTING ON THE SURFACE AND SHOWN ON THIS DRAWING HAVE BEEN LOCATED BY FIELD SURVEY. UNDERGROUND UTILITIES ARE NOT SHOWN ON THIS DRAWING.

# FLOOD ZONE NOTE:

THE SUBJECT PROPERTY LIES ENTIRELY WITHIN FLOOD ZONE "X" (SHADED) DESCRIBED AS, "AREAS OF 0.2% ANNUAL CHANCE FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD", BASED ON FLOOD INSURANCE RATE MAP 06085C0045H, DATED MAY 18, 2009.

# BENCHMARK:

THE BENCHMARK USED FOR THIS SURVEY IS CITY OF MOUNTAIN VIEW BENCHMARK "III-02", DESCRIBED AS, "BRASS DISK STAMPED "III-02" SET IN TOP OF CURB AT THE WEST END OF THE NORTHWEST RETURN ALONG EAST MIDDLEFIELD ROAD AT ELLIS STREET", TAKEN AS 59.767 (NAVD 1988).

## BASIS OF BEARINGS:

THE BEARING OF NORTH 16°18'00" EAST, TAKEN ON THE NORTHWESTERLY RIGHT-OF-WAY LINE OF ELLIS STREET, AS SHOWN ON THAT CERTAIN RECORD OF SURVEY FILED SEPTEMBER 16, 1963 IN BOOK 166 OF MAPS AT PAGE 41, OFFICIAL RECORDS OF SANTA CLARA COUNTY WAS USED AS THE BASIS OF BEARINGS FOR THIS SURVEY.

# BOUNDARY AND EASEMENT NOTE:

THE BOUNDARY SHOWN HEREON IS BASED ON THAT CERTAIN RECORD OF SURVEY FILED SEPTEMBER 16, 1963 IN BOOK 166 OF MAPS AT PAGE 41, OFFICIAL RECORDS OF SANTA CLARA COUNTY.

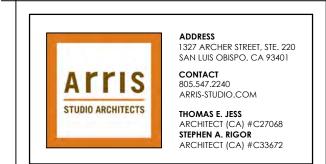
EASEMENTS SHOWN ARE BASED ON THOSE SHOWN ON THAT CERTAIN RECORD OF SURVEY FILED IN BOOK 166 OF MAPS AT PAGE 41. OTHER EASEMENTS, IF ANY, ARE NOT INDICATED HEREON.



HOHBACH—LEWIN, INC.

STRUCTURAL & CIVIL ENGINEERS

260 Sheridan Avenue, Suite 150
Palo Alto, CA 94306
(650) 617-5930, Fax (650) 617-5932



# 500 & 550 ELLIS ST. MOUNTAIN VIEW, CA

TOPOGRAPHIC SURVEY PLAN

AUGUST 4, 2023
Scale
AS SHOWN
Sheet

SCALE: 1" = 20'

INV.





- 1. VERIFY LOCATION OF ALL BUILDINGS, WALLS, ROADS AND CURBS AFFECTING LANDSCAPE SCOPE OF WORK WITH ARCHITECTURAL AND CIVIL ENGINEER'S DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR ALL CURRENT BUILDING GROUND
- FLOOR PLANS. 2. VERIFY LOCATION OF ALL VAULTS, ELECTRICAL DUCT BANKS, MANHOLES, CONDUIT AND PIPING, DRAINAGE STRUCTURES AND OTHER UTILITIES WITH THE APPROPRIATE ENGINEERING DRAWINGS. NOTIFY LANDSCAPE ARCHITECT OF ANY CONFLICTS WITH
- 3. TAKE ALL DIMENSIONS FROM FACE OF CURB, WALL OR BUILDING OR TO CENTERLINE OF COLUMNS OR TREES UNLESS OTHERWISE NOTED. ALL MEASUREMENTS TO DESIGNATED CENTERLINE(S).
- 4. TAKE ALL DIMENSIONS PERPENDICULAR TO ANY REFERENCE LINE, WORK LINE, FACE OF BUILDING, FACE OF WALL, OR CENTERLINE.
- 5. ALL DIMENSIONS TAKEN TO CENTERLINE OF BUILDING COLUMN SHALL MEAN THE FIRST ROW OF COLUMNS CLOSEST TO THE FACE OF THE BUILDING. SEE ARCHITECT'S DRAWINGS FOR CORRESPONDING COLUMN LINES. 6. ALL ANGLES TO BE 90 DEGREES AND ALL LINES OF PAVING AND FENCING TO BE PARALLEL UNLESS NOTED OTHERWISE.
- MAINTAIN HORIZONTAL ALIGNMENT OF ADJACENT ELEMENTS AS NOTED ON THE DRAWINGS.
- 7. HOLD TOPS OF WALLS AND FENCES LEVEL UNLESS NOTED OTHERWISE. 8. REFERENCE TO NORTH REFERS TO PLAN NORTH, REFERENCE TO SCALE IS FOR FULL-SIZED DRAWINGS ONLY. DO NOT SCALE FROM REDUCED DRAWINGS.
- 9. DIMENSIONS TAKE PRESIDENCE OVER SCALES SHOWN ON DRAWINGS.
- 10. NOTES AND DETAILS ON SPECIFIC DRAWINGS TAKE PRESIDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.
- 11. DO NOT INSTALL ANY WORK ON STRUCTURE PRIOR TO REVIEW OF WATERPROOFING BY ARCHITECT.
- 12. WHERE NOT SHOWN ON LANDSCAPE DRAWINGS, SEE CIVIL ENGINEER'S DRAWINGS FOR ROADWAY CENTERLINES, BUILDING SETBACKS AND BENCH MARKS.
- 13. ALL CONCRETE SLABS AND RAMP OR STEP FOOTINGS SHALL BE DOWELED INTO ABUTTING WALLS, FOUNDATIONS AND FOOTINGS USING BARS OF THE SAME SIZE AND SPACING UNLESS NOTED OTHERWISE. SEE JOINTING DETAILS.

# PLANTING NOTES

- . PROVIDE MATCHING SIZES AND FORMS FOR EACH SPECIES OF TREE INSTALLED ON GRID OR SPACED EQUALLY IN ROWS AS SHOWN ON DRAWINGS. ALIGN TREES ACROSS WALKS. ADJUST SPACING AS NECESSARY, SUBJECT TO REVIEW BY THE LANDSCAPE ARCHITECT
- 2. PROVIDE MATCHING SIZES AND FORMS FOR ALL HEDGE PLANTINGS. SPACE EQUALLY, ON GRID, TRIANGULARY, AS SHOWN. 3. FORM 40 INCH WATERING BASIN AROUND ALL TREES NOT INSTALLED IN LAWN OR PAVED AREAS. FILL BASIN WITH 2 INCH LAYER OF GRAVEL MULCH.
- 4. PROVIDE HEADER TO SEPERATE ALL SHRUB AND GROUND COVER PLANTING AREAS FROM LAWN PLANTING AREAS.
- 5. INSTALL LAWN UNDER ALL TREES THROUGHOUT ENTIRE LAWN PLANTING AREA TO LIMIT OF SPRAY IRRIGATION UNLESS NOTED OTHERWISE. TREES OUTSIDE OF SPRAY IRRIGATION LIMIT ARE TO BE DRIP IRRIGATED.
- 6. EQUALLY SPACE VINES WHERE PLANTED AGAINST WALLS OR FENCES. SEE DRAWINGS FOR QUANTITY AND APPROXIMATE SPACING.
- 7. EACH LOCATION OF ALL TREES SHALL BE APPROVED BY LANDSCAPE ARCHITECT PROIR TO FINAL INSTALLATION. 8. EXACT PLACEMENT OF HEADERS WILL BE REVIEWED BY LANDSCAPE ARCHITECT PRIOR TO FINAL INSTALLATION.
- 9. PLANT NAMES ARE ABBREVIATED ON THE DRAWINGS. SEE PLANT LIST FOR KEY AND CLASSIFICATION.
- 10. FINISH ALL PLANTERS WITH 2" WOOD MULCH, UON AS GRAVEL AT TREE PLANTINGS, SEE DRAWINGS.

#### **GRADING NOTES**

- 2. ALL FINISHED GRADES SHALL PROVIDE FOR NATURAL RUNOFF OF WATER WITHOUT LOW SPOTS OR POCKETS. SET FLOW LINES ACCURATELY AND PROVIDE A MINIMUM
- HOLD FINISHED GRADES FOR SHRUB AND GROUNDCOVER AREAS 1 1/2 INCH BELOW TOP OF ADJACENT PAVEMENT, CURBS, OR HEADERS UNLESS OTHERWISE NOTED ON
- 4. GRADUALLY ROUND OFF TOPS AND TOES OF ALL PLANTED SLOPES TO PRODUCE A SMOOTH AND NATURAL APPEARING TRANSITION BETWEEN RELATIVELY LEVEL AREAS
- 5. GENERAL CONTRACTOR TO COORDINATE SIZE AND LOCATION OF SLAB PENETRATIONS

- FOR EXISTING TOPOGRAPHY INCLUDING GRADES, UTILITIES, PROPERTY LINES, LIMITS OF ROADWAYS, CURBS AND GUTTERS, EXISTING TREES, ETC., REFER TO THE CIVIL DRAWINGS.
- 2% AND A MAXIMUM 50% GRADIENT UNLESS OTHERWISE NOTED.
- THE DRAWINGS.
- AND SLOPES.
- FOR DRAINAGE STRUCTURES WITH MECHANICAL CONTRACTOR.

# **ABBREVIATIONS**

PLANTING AREA

BLDG	BUILDING	PGR	PER GEOTECHNICAL RECOMMENDATIONS
BIO	BIORETENTION	LOW	LIMIT OF WORK
BC	BOTTOM OF CURB	LP	LOW POINT
BW	BOTTOM OF WALL	R	RADIUS
CL	CENTER LINE	SIM	SIMILAR
CONC	CONCRETE	SJ	SCORE JOINT
DIA	DIAMETER	SQ	SQUARE
(E)	EXISTING	SS	STAINLESS STEEL
ĖQ	EQUAL	SSMH	SANITARY SEWER MANHOLE
EĴ	EXPANSION JOINT	SSWR	SANITARY SEWER
FFE	FINISH FLOOR ELEVATION	TBD	TO BE DETERMINED
FG	FINISH GRADE	TYP	TYPICAL
GAL	GALLON	TC	TOP OF CURB
HDR	HEADER	TW	TOP OF WALL
HP	HIGH POINT	VIF	VERIFY IN FIELD
0.C.	ON CENTER		
OCEW	ON CENTER EACH WAY		



Sheet

Number

L0.00

L0.01

L0.02

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L0.06

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L1.01

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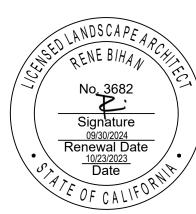
L5.06

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L7.02



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United States

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**Sheet List Table** 

Sheet Title

**COVER SHEET** 

NOTES LEDENDS AND SCHEDULE

TREE INVENTORY

TREE INVENTORY

TREE DISPOSITION & PROTECTION PLAN

TREE COVERAGE PLAN - EXISTING CONDITIONS

TREE COVERAGE PLAN - AT CONSTRUCTION

COMPLETION

TREE COVERAGE PLAN - 5 - 10 YEARS

TREE COVERAGE PLAN - FULL GROWTH

TREE COVERAGE PLAN - FULL GROWTH - OFFISTE

INCLUDED

LAYOUT AND MATERIAL PLAN

SECTIONS

SECTIONS

PLANTING SCHEDULE & NOTES

TREE PLANTING PLAN

UNDERSTORY PLANTING PLAN

PLANTING DETAILS

IRRIGATION NOTES & LEGEND

IRRIGATION PLAN

HYDROZONE PLAN

IRRIGATION DETAILS

IRRIGATION DETAILS

IRRIGATION DETIALS

WATER USE CALCULATIONS

WATER EFFICIENCY CHECKLIST

LIGHTING DIAGRAM

**DETAILS** 

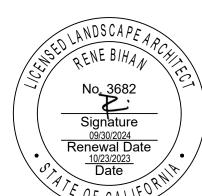
**DETAILS** 

MOUNTAIN VIEW, CA

**COVER SHEET** 

08/04/2023 11x17:

500 & 550 ELLIS ST. L0.00



CVMDOL/VEV	DECODIDATION	COLOR	LINICH	DEMARKS	DETAILO
SYMBOL/KEY P1	DESCRIPTION  ACKERSTONE PERVIOUS  PAVER '3X9  MICROCHAMFER'	COLOR IVORY/ISRAEL PEWTER	GRIND	REMARKS  RUNNING BOND, 2 7 X 8 3 NOMINAL. — INSTALL AT 50% IVORY & 50% ISRAEL PEWTER (EQUAL QUANTITY)	DETAILS  01  L7.01
P1V		IVORY/ISRAEL PEWTER	GRIND	RUNNING BOND, 2 7 X 8 3 NOMINAL. — INSTALL, SEE ABOVE	01 L7.01
P2	ACKERSTONE PERVIOUS PAVER 'AQUALINA'	MESA BEIGHE	GRIND	RUNNING BOND, 3 7 X 11 3 NOMINAL.	01 L7.01
P3	REDWOOD DECKING		S4S CLEAR HEART PENOFIN OIL STAIN	HIDDEN FASTENERS SEE DETAILS	03 L7.01
P4	TRUNCATED DOME	CHARCOAL 511	SANDBLASTED	24" X 36" TRUNCATED DOME PAVER BY STEPSTONE INC.	
P5	PUBLIC RIGHT-OF-WAY	•	•		
P6	ENTRY COURT PAVER (12X48)	HEP-50 (50%) HEP-60 (60%)	SEE MANUFACTURERS SPEC.	12"X48" ECO PREMIER RECYCLED PORCELAIN PAVER WAUSAU TILE	01 L7.01
SITE AMENIT	IES SCHEDULE				
SYMBOL/KEY	DESCRIPTION	COLOR	FINISH	REMARKS	DETAILS

BIKE RACK:

SITE PIECES

/ MONOLINE DUO 2

EACH SHAPE

PAVING SCHEDI II E

	DESCRIPTION	COLOR	FINISH	REMARKS	DETAILS
W1)	1	DAVIS COLORS OUTBACK 677	LIGHT SANDBLAST	SAWCUT@ EXPANSION JOINTS	02 L7.02
(W2)		NATURAL COLOR	S4S	CLEAR HEART TIMBER SANDED SMOOTH 4 SIDES SUBMIT SHOP DWGS	02 L7.02
S1)	STAIR WITH HANDRAIL	DAVIS COLORS OUTBACK 677	LIGHT SANDBLAST		02 L7.02

BEAD BLASTED

POWDER COATED

PER SITE PIECES

SITE PIECES MONOLINE

STANDARD BIKE RACK

## LIGHTING SCHEDULE

SYMBOL/KEY	DESCRIPTION	COLOR	FINISH	REMARKS	DETAILS
()L1	BEGA SHIELDED BOLLARD LUMINARIES	BRONZE		BOLLARD 84 061, PRODUCT NUMBER K3 (3000k COLOR TEMP)	
+	EXISTING LIGHT FIXTURE				

# GENERAL

SYMBOL/KEY	DESCRIPTION
	LIMIT OF WORK
	PROPERTY LINE
PA	PLANTING AREA
	EXISTING PAVING TO REMAIN
( BOOX )	EXISTING TREE

#### GROUND COVER / SHRUBS

SYMBOL	KEY / COMMON NAME	SCIENTIFIC NAME	SIZE/SPACING	WUCOLS	SQ. FT.	NOTES	NATIVE
	CAR_DI EUROPEAN GREY SEDGE	CAREX DIVULSA	1 GAL 12" O.C.	LOW	2,434 (19% COVERAGE)	TRI-SPACING	ADAPTED
	FLW_MIX (50%) RUBY CHALICE CLARKIA (50%) CALIFORNIA POPPY	CLARKIA RUBICUNDA ESCHSCHOLZIA CALIFRONICA	5 GAL 36" O.C.	LOW	3,548 (29% COVERAGE)	TRI-SPACING	YES YES
\(\begin{align*} *	GRS_MX1 (33%) CALIFORNIA FESCUE (33%) PURPLE NEEDLEGRASS (33%) BLUE WILDRYE	FESTUCA CALIFORNICA STIPA PULCHRA ELYMUS GLAUCUS	5 GAL 30" O.C.	LOW	4,663 (38% COVERAGE)	TRI-SPACING	YES YES YES
(MA)	MAH_SO SOFT CARESS MAHONIA	MAHONIA 'SOFT CARESS'	5 GAL 24" O.C.	LOW	546 (4% COVERAGE)	TRI-SPACING	NO
27	PSO_MIX (50%)YERBA BUENA (50%)DOUGLAS IRIS	CLINOPODIUM DOUGLASII IRIS DOUGLASIANA	1 GAL 18" O.C.	LOW	749 (6% COVERAGE)	TRI-SPACING	YES YES
	GRS_MX2 (33%)CALIFORNIA FESCUE (33%)SPREADING RUSH (33%)COMMON YARROW	FESTUCA CALIFORNICA JUNCUS PATENS ACHILLEA MILLEFOLIUM	1 GAL 24" O.C.	LOW	457 (4% COVERAGE)	TRI-SPACING	YES YES YES

#### TREE

SYMBOL	KEY/COMMON NAME	SCIENTIFIC NAME	HEIGHT/WIDTH	QUANTITY	WUCOLS	REMARKS/SIZE
•	TIL_TOM SILVER LINDEN	TILIA TOMENTOSA	50-70' TALL 25-35' WIDE	13	LOW	24" BOX*
	ARB_MAR MARINA STRAWBERRY TREE	ARBUTUS X 'MARINA'	20-30' TALL 20-30' WIDE	2	LOW	36" BOX*
	ACE_FRE FREEMAN'S MAPLE	ACER X FREEMANII	40-60' TALL 20-40' WIDE	2	MODERATE	24" BOX*
	GNK_BIL GINKGO TREE	GINKGO BILOBA	40-60' TALL 20-40' WIDE	6	MODERATE	36" BOX
•	LAG_IND MUSKOGEE CRAPE MYRTLE	LAGERSTROEMIA INDICA X FAURIEI 'MUSKOGEE'	20-25' TALL 10-15' WIDE	6	LOW	24" BOX*

# TREE DISPOSITION LEGEND

## TREE DISPOSITION RATIOS

SYMBOL/KEY	DESCRIPTION	QUANTITY		*HERITAGE TREES REMOVED TO
TAG # XXX SPECIES	EXISTING HERITAGE TREE, TO PROTECT IN PLACE	20	(D) NOTES DESIGNATED TREES. DASH REPRESENTS TREE DRIPLINE	BE REPLACED AT A 2:1 RATIO  *NON-HERITAGE TREES REMOVED  TO BE REPLACED AT A 1:1 RATIO
TAG # XXX SPECIES	OFFSITE EXISTING HERITAGE TREE, TO PROTECT IN PLACE	2		METRICS TOTAL EXISTING HERTIGAGE TREES REMOVED: 8
TAG # XXX SPECIES	OFFISTE EXISTING TREE TO PROTECT IN PLACE	7		TREE REPLACEMENT MINIMUM BASED ON 1:1 REPLACEMENT AND 2:1 HERITAGE
TAG # XXX SPECIES	EXISTING TREE TO PROTECT IN PLACE	1		REPLACEMENT: <u>25</u> TOTAL TREES PROPOSED: <u>20</u> SITE TREE CANOPY COVERAGE:
TAG # XXX SPECIES	EXISTING TREE TO BE REMOVED	9	SEE PLAN FOR LOCATIONS 1:1 REPLACEMENT RATIO	EXISTING: 30.1% AT CONSTRUCTION: 30.8% 5-10 YEARS: 35%
TAG # XXX SPECIES	HERITAGE TREE, TO BE REMOVED	7	2:1 REPLACEMENT RATIO	FULL GROWTH: 39.6%  FULL GROWTH  OFFSITE INCLUDED: 64.5%  NATIVE UNDERSTORY PLANTING COVERAGE:
TAG # XXX SPECIES	OFFSITE EXISTING HERITAGE TREE, TO BE REMOVED	1	1:1 REPLACEMENT RATIO	77% NATIVE PLANTING 19% ADAPTED PLANTING 4% NON-NATIVE
	TREE PROTECTION FENCING ZONE	10	1 L0.04	12,397 TOTAL SQFT. OF UNDERSTORY PLANTING

#### TREE PRESERVATION GUIDELINES

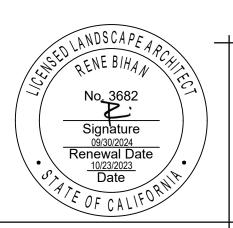
THE FOLLOWING RECOMMENDATIONS WILL HELP REDUCE IMPACTS TO TREES FROM DEVELOPMENT AND MAINTAIN AND IMPROVE THEIR HEALTH AND VITALITY THROUGH THE CLEARING, GRADING AND CONSTRUCTION PHASES.

#### **DESIGN RECOMMENDATIONS**

- 1. ACCURATELY LOCATE THE TRUNKS OF TREES (HORIZONTALLY AND VERTICALLY) NOT ALREADY LOCATED FOR TREES TO BE PRESERVED (#415-417).
- 2. INCLUDE TREES TO BE PRESERVED AND TREE PROTECTION ZONES (TPZs) ON ALL CONSTRUCTION PLANS.
- 3. ENSURE THAT ALL PLANS INCLUDE THE NEW NUMBERING SYSTEM FOR THE TREES AND EVERYONE IS CLEAR WHICH TREES ARE BEING PRESERVED.
- 4. PROJECT PLANS AFFECTING THE TREES SHALL BE REVIEWED BY THE CONSULTING ARBORIST WITH REGARD TO TREE IMPACTS. THESE INCLUDE, BUT ARE NOT LIMITED TO, DEMOLITION PLANS, SITE PLANS, IMPROVEMENT PLANS, UTILITY AND DRAINAGE PLANS, GRADING PLANS, AND LANDSCAPE AND IRRIGATION PLANS.
- 5. A TREE PROTECTION ZONE SHALL BE ESTABLISHED AROUND EACH TREE TO BE PRESERVED. NO GRADING, EXCAVATION, CONSTRUCTION OR STORAGE OF MATERIALS SHALL OCCUR WITHIN THAT ZONE. TPZs ARE DEFINED IN TABLE 3 AND TABLE 4.
- 6. NO UNDERGROUND SERVICES INCLUDING UTILITIES, SUB-DRAINS, WATER OR SEWER SHALL BE PLACED IN THE TREE PROTECTION ZONE.
- 7. IRRIGATION SYSTEMS MUST BE DESIGNED SO THAT NO TRENCHING WILL OCCUR WITHIN THE TREE PROTECTION ZONE.
- 8. AS TREES WITHDRAW WATER FROM THE SOIL, EXPANSIVE SOILS MAY SHRINK WITHIN THE ROOT AREA. THEREFORE, FOUNDATIONS, FOOTINGS AND PAVEMENTS ON EXPANSIVE SOILS NEAR TREES SHOULD BE DESIGNED TO WITHSTAND DIFFERENTIAL DISPLACEMENT.
- 9. ANY HERBICIDES PLACED UNDER PAVING MATERIALS MUST BE SAFE FOR USE AROUND TREES AND LABELED FOR THAT USE.
- 10. DO NOT LIME THE SUBSOIL WITHIN 50' OF ANY TREE. LIME IS TOXIC TO TREE ROOTS.

#### PRE-CONSTRUCTION TREATMENTS AND RECOMMENDATIONS

- 1. THE DEMOLITION AND CONSTRUCTION SUPERINTENDENTS SHALL MEET WITH THE CONSULTING ARBORIST BEFORE BEGINNING WORK TO REVIEW ALL WORK PROCEDURES, ACCESS ROUTES, STORAGE AREAS AND TREE PROTECTION MEASURES.
- 2. FENCE ALL TREES TO BE RETAINED TO COMPLETELY ENCLOSE THE TREE PROTECTION ZONE PRIOR TO DEMOLITION, GRUBBING OR GRADING. FENCES SHALL BE 6 FT. CHAIN LINK OR EQUIVALENT AS APPROVED BY THE CONSULTING ARBORIST. FENCES ARE TO REMAIN UNTIL ALL GRADING AND CONSTRUCTION IS COMPLETED.
- 3. WHERE DEMOLITION MUST OCCUR CLOSE TO TREES. SUCH AS REMOVING CURB AND PAVEMENT, INSTALL TEMPORARY TRUNK PROTECTION DEVICES SUCH AS WINDING SILT SOCK WATTLE OR WOOD PLANKS AROUND TRUNKS OR STACKING HAY BALES AROUND TREE TRUNKS TO A HEIGHT OF APPROXIMATELY 5'. ANY LOW BRANCHES THAT ARE WITHIN THE WORK ZONE SHOULD ALSO BE PROTECTED. REMOVE TRUNK PROTECTION AFTER DEMOLITION IS COMPLETED AND INSTALL PROTECTIVE FENCE AT THE LIMITS OF THE TREE PROTECTION ZONE. DO NOT RETAIN WATTLING AROUND TREE TRUNKS FOR MORE THAN 2-3 WEEKS TO AVOID DAMAGING TRUNKS FROM EXCESS MOISTURE.
- 4. TREES MAY REQUIRE PRUNING TO PROVIDE CONSTRUCTION CLEARANCE. ALL PRUNING SHALL BE COMPLETED BY A CERTIFIED ARBORIST OR TREE WORKER AND ADHERE TO THE LATEST EDITION OF THE ANSI Z133 AND A300 STANDARDS AS WELL AS THE 'BEST MANAGEMENT PRACTICES—TREE PRUNING' PUBLISHED BY THE INTERNATIONAL SOCIETY OF ARBORICULTURE. BRUSH SHALL BE CHIPPED AND SPREAD BENEATH THE TREES WITHIN THE TREE PROTECTION ZONE.
- 5. TREE(S) TO BE REMOVED THAT HAVE BRANCHES EXTENDING INTO THE CANOPY OF TREE(S) TO REMAIN MUST BE REMOVED BY A QUALIFIED ARBORIST AND NOT BY CONSTRUCTION CONTRACTORS. THE QUALIFIED ARBORIST SHALL REMOVE THE TREE IN A MANNER THAT CAUSES NO DAMAGE TO THE TREE(S) AND UNDERSTORY TO REMAIN. TREE STUMPS SHALL BE GROUND 12" BELOW GROUND SURFACE.
- 6. ALL TREE WORK SHALL COMPLY WITH THE MIGRATORY BIRD TREATY ACTS AS WELL AS CALIFORNIA FISH AND WILDLIFE CODE 3503-3513 TO NOT DISTURB NESTING BIRDS. TREE PRUNING AND REMOVAL SHOULD BE SCHEDULED OUTSIDE OF THE BREEDING SEASON TO AVOID SCHEDULING DELAYS. BREEDING BIRD SURVEYS SHOULD BE CONDUCTED PRIOR TO TREE WORK. QUALIFIED BIOLOGISTS SHOULD BE INVOLVED IN ESTABLISHING WORK BUFFERS FOR ACTIVE NESTS.
- 7. TREES TO BE REMOVED SHALL BE FELLED SO AS TO FALL AWAY FROM TREE PROTECTION ZONE AND AVOID PULLING AND BREAKING OF ROOTS OF TREES TO REMAIN. IF ROOTS ARE ENTWINED, THE CONSULTING ARBORIST MAY REQUIRE FIRST SEVERING THE MAJOR WOODY ROOT MASS BEFORE EXTRACTING THE TREES, OR GRINDING THE STUMP BELOW GROUND.
- 8. ALL DOWN BRUSH AND TREES SHALL BE REMOVED FROM THE TREE PROTECTION ZONE EITHER BY HAND, OR WITH EQUIPMENT SITTING OUTSIDE THE TREE PROTECTION ZONE. EXTRACTION SHALL OCCUR BY LIFTING THE MATERIAL OUT, NOT BY SKIDDING ACROSS THE GROUND. BRUSH SHALL BE CHIPPED AND SPREAD BENEATH THE TREES WITHIN THE TREE PROTECTION ZONE.





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MOUNTAIN VIEW, CA

NOTES LEDENDS AND

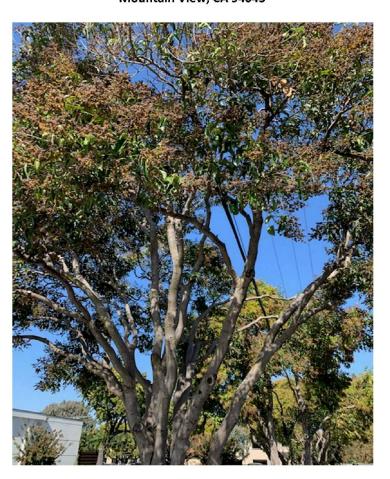
**SCHEDULE** 

08/04/2023
Scale
24x36:
11x17:
Sheet

LO.01



#### Tree Inventory of 500/550 Ellis St Mountain View, CA 94043



Prepared by Urban Tree Management, Inc. Inspection Date: November 4, 2019 Revised: October 12, 2023

PO Box 971 Los Gatos CA 95031 urbantreemanagement.com

possible that individual tree(s) may have internal (or underground) health problems or structural defects, which are not detectable by visual inspection. In cases where it is thought further investigation is warranted, a "full tree risk assessment" is recommended. This assessment may be inclusive of drilling or using sonar equipment to detect internal decay and include climbing or the use of aerial equipment to assess higher portions of the tree.

The health of an individual tree is rated based on leaf color and size, canopy density, new shoot growth and the absence or presence of pests or disease.

Individual tree structure is rated based on the growth pattern of the tree (including whether it is leaning); the presence or absence of poor limb attachments (such as co-dominant leaders); the length and weight of limbs and the extent and location of apparent decay. For each tree, a structural rating of fair or above indicates that the structure can be maintained with routine pruning such as removing dead branches and reducing end weight as the tree grows. A fair/poor rating indicates that the tree has significant structural weaknesses and corrective action is warranted. The notes section for that tree will then recommend a strategy/technique to improve the structure or mitigate structural stresses. A poor structural rating indicates that the tree or portions of the tree are likely to fail and that there is little that can constructively be done about the problem other than removal of the tree or large portions of the tree. Very large trees that are rated Fair/Poor for structure AND that are near structures or in an area frequently traveled by cars or people, receive an additional \*\*CONSIDER REMOVAL" notation under recommendations. This is included because structural mitigation techniques do not guarantee against structural failure, especially in very large trees. Property owners may or may not choose to remove this type of tree but should be aware that if a very large tree experiences a major structural failure, the danger to nearby people or property is significant.

## Survey Area Observations

The property is located in an industrial area in the City of Mountain View. The lots are rectangular, and the properties are flat. The property is occupied, and it appears that there is some sort of irrigation and very basic tree maintenance program in place.

## Tree Health on This Property

Generally, the trees in the survey area range from fair/good to poor. All of the trees in this survey would benefit from regular maintenance, pruning and irrigation. Individual issues and recommendations for each tree are listed under the "Notes" column on the accompanying data

## **Tree Structure on This Property**

Ideally, trees are pruned for structure when young and are properly mainained to reduce endweight as they grow. This practice prevents excessively long, lateral branches that are prone to breaking off due to weight or wind. As mentioned above all trees on this property would

#### Assignment

It was our assignment to physically inspect trees in the survey area based on a topographic map provided by the design team. We were to map, tag and compile data for each tree and write an inventory/ survey report documenting my observations.

We were also to review the Civil Plans sheet L0.01, L0.04, L0.05, L0.06, L0.07, L0.08, L0.09 and L4.01 all dated 08/04/2023 to confirm the sustainability of the onsite and offsite trees.

#### Summary

This survey provides a numbered map and complete and detailed information for each tree surveyed. There are forty-seven (47) trees included in this report with thirty (30) trees being protected under the City of Mountain View's tree protection ordinance. During our survey, none (0) of the trees were rated "A" condition, eleven (11) of the trees were rated "B" condition, nineteen (19) trees were rated "C" condition, and seventeen (17) of the trees were rated "D" condition.

A - Retain, condition warrants long-term preservation. B - Preservable, tree is a benefit and may be worthy of extensive effort or design accommodation.

C- May be preservable but is not worthy of extensive effort or design accommodation. D – Recommend removal due to existing condition/structure/proposed construction impacts.

Type I tree protection shall be used as called out in the "Tree protection" section of this report for all trees to remain onsite. Tree protection fencing is recommended to be at least 8x the trunk diameter in all directions. Where 8x the trunk diameter isn't possible, the tree protection fencing shall be extended as far as possible and cover the entire dripline of the trees.

Trees #250 and #251 are protected Coast redwoods (Sequoia sempervirens) that will have construction taking place well inside the standard tree protection zones of these trees. All work within the tree protection zones of these two protected trees shall be by hand without the use of heavy equipment or machinery. I also recommend that after demolition and before the new structure is built that exploratory trenching be hand dug at the north side of these trees. This trenching shall be 36" deep, one shovel width deep and the length provided in the trenching diagram attached at the end of this report. This trenching will provide an exact location of the root structure and if preservation will be possible. Once the exploratory trenching is complete, the project arborist shall inspect the trenching and assess the impacts construction will have on these two trees. Once demolition is complete, tree protection fencing will be installed and a layer of mulch 4"-6" shall be spread evenly throughout the tree protection zones. Irrigation shall begin as soon as possible and shall happen twice a month to a depth of 18". Irrigation shall take place during all construction activities and for one (1) year after completion of construction to help alleviate construction stress.

benefit from routine maintenance and pruning therefore all trees have received fair/good to poor structure ratings.

# Local Regulations Governing Trees

Mountain View's City Code (Chapter 32, Article II) defines a "Heritage Tree" as a tree with any of the following characteristics:

A tree trunk with a circumference of forty-eight inches (48") or more, measured at fiftyfour inches (54") above natural grade. Multi-trunk trees are measured just below the

Any of the following three species of trees with a circumference of twelve inches (12") or more, measured at fifty-four inches (54") above natural grade.

Quercus (oak) Sequoia (redwood) Cedrus (cedar)

A grove(s) of trees designated as "heritage" by the City Council.

## Risks to Trees by Construction

Besides the above-mentioned health and structure-related issues, the trees at this site could be at risk of damage by construction or construction procedures that are common to most construction sites. These procedures may include the dumping or the stockpiling of materials over root systems; the trenching across the root zones for utilities or for landscape irrigation; or the routing of construction traffic across the root system resulting in soil compaction and root dieback. It is therefore essential that Tree Protection Fencing be used as per the Architect's drawings. In constructing underground utilities, it is essential that the location of trenches be done outside the drip lines of trees except where approved by the Arborist.

## Tree Protection Plan

• Type I Tree Protection The fences shall enclose the entire area under the canopy dripline or TPZ of the tree(s) to be saved throughout the life of the project, or until final improvement work within the area is required, typically near the end of the project Parking Areas: If the fencing must be located on paving or sidewalk that will not be demolished, the posts may be supported by an appropriate grade level concrete base.

Trees #255 through #261 are Privet (Ligustrum) trees that will be preserved. Trees #265, #267 through #272 are protected Coast redwood (Sequoia sempervirens) trees that will be preserved. These trees will have the existing pavement excavated within their driplines. The pavement excavation will impact approximately 25% of these trees' feeder roots. I recommend that the excavation equipment remain outside the driplines and only reach in with an extension bucket to carefully remove the pavement. Once the pavement is removed, tree protection fencing will be installed and a layer of mulch 4"-6" shall be spread evenly throughout the tree protection zones. Irrigation shall begin as soon as possible and shall happen once a month to a depth of 18". Irrigation shall take place during all construction activities and for one (1) year after completion of construction to help alleviate construction stress.

Trees #275 through #279 are protected Coast redwood (Sequoia sempervirens) that are located at the front of the office building. The building redesign has moved the front of the proposed new building back to the footprint of the original building in hopes of better preserving these trees. The demolition of the existing building shall take place with the excavation equipment staying as far away from this tree's protection zone as possible and only reaching in with an extension bucket. Once excavation is complete, tree protection fencing with mulch and irrigation shall be applied as recommended above. Any trenching within the protection zone shall be by hand without the use of heavy equipment. Any roots greater than 2" in diameter will need consent from the project arborist before being removed.

Trees #282 through #286 currently reside in small planter spaces surrounded by asphalt. During the proposed asphalt excavation all heavy equipment and machinery will stay as far away from the tree protection zones and reach in with an extension bucket only taking precautions to not compact the soil. Once the excavation is complete the tree protection fencing will be installed per all recommendation above. Furthermore, the design team has redesigned the walkway to allow for a larger planter with spaced decking on piers to avoid root damage and allow rainwater to penetrate into the soil.

An after-demolition assessment by the project arborist is recommended to assess the impacts demolition has had on the trees to remain onsite. More trees may be recommended for removal at this time.

All the trees surveyed were examined and then rated based on their individual health and structure according to the table following. For example, a tree may be rated "good" under the health column for excellent/vigorous appearance and growth, while the same tree may be rated "fair/poor" in the structure column if structural mitigation is needed. More complete descriptions of how health and structure are rated can be found under the "Methods" section of this report. The complete list of trees and all relevant information, including their health and structure ratings, their "protected/significant" status, a map and recommendations for their care can be found in the data sheet that accompanies this report.

• Type II Tree Protection For trees situated within a narrow planting strip, only the planting strip shall be enclosed with the required chain link protective fencing in order to keep the sidewalk and street open for public use.

• Type III Tree Protection Trees situated in a small tree well or sidewalk planter pit, shall be wrapped with 2-inches of orange plastic fencing as padding from the ground to the first branch with 2-inch-thick wooden slats bound securely on the outside. During installation of the wood slats, caution shall be used to avoid damaging any bark or branches. Major scaffold limbs may also require plastic fencing as directed by the City Arborist.

Based on the existing development and the condition and location of trees present on site, the following is recommended:

- 1. The Project Arborists is Chris Stewart (408) 313-1937. A Project Arborist should
- supervise any excavation activities within the tree protection zone of these trees. 2. Any roots exposed during construction activities that are larger than 2 inches in diameter should not be cut or damaged until the project Arborist has an opportunity to assess the impact that removing these roots could have on the trees.
- 3. The area under the drip line of trees should be thoroughly irrigated to a soil depth of
- 18" every 3-4 weeks during the dry months. 4. Mulch should cover all bare soils within the tree protection fencing. This material must be 6-8 inches in depth after spreading, which must be done by hand. Course wood chips are preferred because they are organic and degrade naturally over time.
- 5. Loose soil and mulch must not be allowed to slide down slope to cover the root zones or the root collars of protected trees.
- 6. There must be no grading, trenching, or surface scraping inside the driplines of protected trees, unless specifically approved by a Certified Arborist. For trenching, this
  - a. Trenches for any underground utilities (gas, electricity, water, phone, TV cable, etc.) must be located outside the driplines of protected trees, unless approved by a Certified Arborist. Alternative methods of installation may be suggested. b. Landscape irrigation trenches must be located a minimum distance of 10 times the trunk diameter from the trunks of protected trees unless otherwise noted and approved by the Arborist.
- 7. Materials must not be stored, stockpiled, dumped, or buried inside the driplines of
- 8. Excavated soil must not be piled or dumped, even temporarily, inside the driplines of protected trees.
- 9. Landscape materials (cobbles, decorative bark, stones, fencing, etc.) must not be installed directly in contact with the bark of trees because of the risk of serious disease
- 10. Landscape irrigation systems must be designed to avoid water striking the trunks of trees, especially oak trees.

Rating	<u>Health</u>	<u>Structure</u>
Good	excellent/vigorous	flawless
Fair/good	no significant health concerns	very stable
Fair	showing initial or temporary disease, pests, or lack of vitality. measures should be taken to improve health and appearance.	routine maintenance needed such as pruning or end weight reduction as tree grows
Fair/poor	in decline, significant health issues	significant structural weakness(es), mitigation needed, mitigation may or may not preserve the tree
Poor	dead or near dead	hazard

#### **Tree Disposition Categories**

Each tree onsite has been categorized for its suitability for preservation relative to its existing condition. Factors such as tree health, condition, age, planting location, species, and structure are all considered to determine if each tree is suitable for preservation. Each tree in the survey (Tree Data Table) has been assigned one of the following categories:

- A Retain, condition warrants long-term preservation. B - Preservable, tree is a benefit and may be worthy of extensive effort or design
- C- May be preservable but is not worthy of extensive effort or design accommodation. D – Recommend removal due to existing condition/structure/proposed construction impacts.

If trees with poor structure or less than ideal conditions are retained, they may require further assessments, monitoring, access restrictions, maintenance, or eventual removal. More thorough conversations about impacts and specific preservation plans can be reported as the project evolves.

#### Methods

The trunks of the trees are measured using an arborist's diameter tape at 54" above soil grade. In cases where the main trunk divides below 54", the tree is measured (per the City of Mountain View's heritage tree ordinance) at the point where the trunks divide. In these cases, the height of that measurement is given in the note's column on the attached data sheet. The canopy height and spread are estimated using visual references only.

The condition of each tree is assessed by visual observation only from a standing position without climbing or using aerial equipment. No invasive equipment is used. Consequently, it is

- 11. Any pruning must be done by a Company with an Arborist Certified by the ISA (International Society of Arboriculture) and according to ISA, Western Chapter
- 12. Any plants that are planted inside the driplines of oak trees must be of species that are compatible with the environmental and cultural requirements of oaks trees. A publication detailing plants compatible with California native oaks can be obtained from The California Oak Foundation's 1991 publication "Compatible Plants Under & Around Oaks" details plants compatible with California native oaks and is currently available online at: <a href="http://californiaoaks.org/wp-">http://californiaoaks.org/wp-</a>

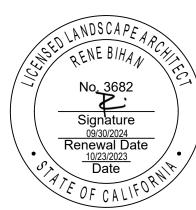
content/uploads/2016/04/CompatiblePlantsUnderAroundOaks.pdf

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I certify that the information contained in this report is correct to the best of my knowledge and that this report was prepared in good faith. Please call me if you have questions or if I can be of

Respectfully, WC ISA Certified Arborist WE-13682A

further assistance.





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500 & 550 ELLIS ST. MOUNTAIN VIEW, CA

TREE INVENTORY

08/04/2023 11x17: L0.02







#### **TREE SURVEY DATA**

Address: 500/550 Ellis St Mountain View, CA 94043 Inspection Date: 10/30/ 2019

Revised: 10/12/2023

Ratings for health and structure are given superately for each tree according to the table below. E., a tree may be rated "Good" under the health column For excellent, vigorous appearance and growth, while the same tree may be rated "Feir, Poor" in the structure column if structural mitigation is needed.

KEY	Hesith	Structure
Good	excellent, vigorous	flawless
Fair - Good	no significant health concerns	very stable
Fak	declining measures should be taken to improve health and appearance	routine maintenance needed
Felt - Poor	In decline: significant health issues	mitigation needed, it may or may not preserve this tree
Pour	dead or near dead	hezard

TAGNO.	COMMON NAME	Croumference at Breast Height inches	M.H.	HEALTH	STRU CTURE	PROTECTED (X)	TREE DISPOSITION	NOTES, RECOMMENDATIONS
250	Coast redwood	182.12	30'/100'	fg	fit	×	В	Recommend EWR, DWR, SP
251	Coast redwood	終多	25'/5'	1	1	×	C	Recommend EWR, DWR, SP, upper half of tracis strassed, deep watering needed
252 253	Ash	64.37	35'/40"	1	1	×	D	Remove for construction impacts and replace per sheet LA.01.
253	Ash	67.51	30'/40"	1	f	×	D	Remove for construction impacts and replace per sheet L4.01.
254	Ash	75.36	25'/80'	1	f	×	D	Remove for construction impacts and replace per sheet LACL
255	Privat	51.81	20'/25'	fg	T T	×	c	Recommend EWR, DWR, SP, multiple leaders at 5'
256	Privet	43.96	15'/25'	1	fp .		c	Recommend EWA, DWR, SP, multiple leaders at 5', large tear in trunk, consider removel, tree is on neighboring property
257	Privet	34.54	15'/10"	1	1		c	Recommend EWM, DWR, SP, multiple leaders at 5', consider removal, tree is on neighboring property
254 255 256 257 258 259 260	Privat	40.82	20'/20'	1	1		c	Recommend EWR, DWR, SP, multiple leaders from base, consider removal, tree is on neighboring property
259	Privat	42.39	20'/20'	1	1		c	Recommend EWR, DWR, SP, muitiple leaders at 5', consider removal
260	Privat	36.11	15/20	1			c	Recommend EWR, DWR, SP, multiple leaders at 4', consider removal, tree is on neighboring property
261	Privat	6.53	20'/25'	1	ı ı	7	£	Recommend EWR, DWR, SP, multiple leaders from base, consider removal
262	Coast redwood	26.69	8'/25'	fp	fp	π	D	Remove for construction impacts and replace per sheet L4.01.
263	Privat	n.4	10'/15'	•	3 6		D	Recommend removal, overgrown with by, tree westopped, tag on power pole
264	Callery peer	36.11	25'/20"	1	F		č	Recommend EWR, DWR, SP, multiple leaders, tree is on neighboring property
265	Coast redwood	42,39	20'/40'	la la	1	- x	c	Recommend EWR, DWR, SP, tree was topped
266	Mexten	26.69	10/20		1		c	Recommend EWR, DWR, SP, tree is is sming
267	Coast redwood	111.47	20'/75'	la	1 7	- x	c	Recommend EWN, DWR, SP, upper half of tree is stressed, deep watering needed
268	Court redwood	109.9	20'/60"	fg.	fe.	1 R	3	Recommend EWR, DWR, SP
269	Coast redwood	39.25	8'/25'	1	7	×	c	Recommend EWN, DWR, SP, upper half of tree is stressed, deep watering needed
270	Count redwood	108.9	20'/50'	fg.	•	×	č	Recommend EWL DWR. 92
271	Coast redwood	56.52	15'/40'	7	1	1 1	č	Recommend EWA, DWA, SP, dight lean
272	Coast redwood	58,66	15'/45'		1		č	Recommend EWR, DWR, SP, upper half of tree is stressed, deep watering needed
273	Capemyrtle	21,98	15'/20'	in the	· ·	1 1	Ď	Remove for construction impacts and replace per sheet L4.01
274	Crapemyrile	23.55	15'/20'	fu	· ·	1 1	D	Remove for construction impacts and replace per sheet LA.O.
275	Coast redwood	128.74	20'/90'	i is	-		ī	Recommend EWIL, DWR
276	Count redwood	197.82	25'/100'	fg.		1 1	1	Recommend EVM, DWR
277	Coast redwood	19.87	20'/90"	fg .	1	1 x		Recommend EVA, DWA
278	Coast redwood	117.75	25'/90'	12		1	i i	Recommend EWR, DWR
- Section	Coast redwood	136.59	THE RESERVE OF THE PERSON NAMED IN COLUMN 1			1 1		Recommand EWR. DWR
279			25'/90'	fg	fit	×	477	
280	Crape myrtle	26.69	15'/20'	/s	_ I		D	Remove for construction impacts and replace per sheet L4.01.
281	Crapemyrtle	25.12	12'/20'	fg		<del> </del>	P	Remove for construction impacts and replace per sheet L4.01.
382	Coast redwood	133.45	25'/80'		fg	×	В	Recommend EWA, DWA
283	Coast redwood	91.06	207/60		fg	×	B	Recommend EVM, DWR
284	Coast redwood	51.82	15'/45'	1	fg	x	8	Recommend EWA, DWA
255	Coest redwood	48.5	15'/6'		fg	×	B	Recommend EWII, DWR
286	Coast redwood	<b>67.92</b>	20'/50'	1		ж	C	Recommend EWR, DWR
287	Coast redwood	26.26	E'/25'	1	t	×	D	Remove for construction impacts and replace per shost LA.OL
288	Crapemyrtie	7.85	6'/12'	fg	fg	1	D	Remove for construction impacts and replace per sheet LA01.
289	Crapemyrtic	9.42	6'/14	fg	fg		D	Remove for construction impacts and replace per sheet I.4.01.
290	Craps myrtis	12.56	T/14"	1g	fg		D	Remove for construction impacts and replace per sheet 1.4.01.
<b>291</b>	Ash	37.68	20'/20'	f	f		D	Remove for construction impacts and replace per sheet L4.01.
292	Coast redwood	190.51	20'/90'	fg	fg	×	D	Remove for construction impacts and replace per sheet L4.01.
293	Coast redwood	78.5	15'/60'	Ť	Ť	×	C	Recommend DWM, SP
294	Coast redwood	131.88	20'/90"	fg	f	×	D	Remove for construction impacts and replace per sheet L401
295	Coast redwood	113.04	25'/90'	1	i i	T X	Ē	Recommend DWIL, SP, codominant leader at 15'
296	Coast redwood	207.25	25'/95'	fe .	14		D	Remove for construction impacts and replace per sheet LA.CI.

A = Retain, condition warrantslong-term preservation					
B = Preservable, tree is a benefit and may be worthy of extensive effort or design accommodation.					
C = M sy be preservable but is not worthy of extensive effort or design accommodation.					
D-Recommend removal due to existing condition/structure/proposed construction impacts					
TOTAL TREES		47			
PROTECTED TOTAL	30				

INTERPRETATION OF THE PROPERTY OF STREET OF ST

RR - Recommend Tree Removal based upon Health or Structure of tree.

Prop - Steel prop in concrete footing recommended to help support a tree/fimb.

Cable - Recommend a steel cable(s) be installed to help support a wealdy attached limb(s).

TREE CRIDINANCE

Mountain View's City Code (Chapter 32, Article II) defines a "Heritage Tree" as a tree with any of the following characteristics:

A tree trunk with a droumference of forty-eight inches (48") or more, measured at fifty-four inches (54") above natural grade. Multi-trunk trees are measured just below the first major trunk fork. Any of the following three species of trees with a circumference of twelve inches (12") or more, measured at fifty-four inches (54") above natural grade.

Cuercus (cak)

Sequella (redwood)

Cadrus (cadw)

A grove[s] of trees designated as "heritage" by the City Council.

Disclaimer: Urban Tree Management locates our Tree inventory Numbers in approximate locations, for visual reference only. Field verification of tree locations and tree numbers is required before any actions are taken. Trunk d'ameters, locations, and species are not necessarily accurate on topographic maps. Urban Tree Management, inc. does not create topographic survey maps and cannot be hald liable for information therein.



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Arris STUDIO ARCHITECTS



500 & 550 ELLIS ST. MOUNTAIN VIEW, CA

TREE INVENTORY

08/04/2023 Scale 24x36: 11x17: Sheet L0.03

1/4" = 1'-0"

SITE SCOPE AREA

45,384 SF

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#### GROUND COVER / SHRUBS

SYMBOL	KEY / COMMON NAME	SCIENTIFIC NAME	SIZE/SPACING	WUCOLS	SQ. FT.	NOTES	NATIVE
	CAR_DI EUROPEAN GREY SEDGE	CAREX DIVULSA	1 GAL 12" O.C.	LOW	2,434 (19% COVERAGE)	TRI-SPACING	ADAPTED
	FLW_MIX (50%) RUBY CHALICE CLARKIA (50%) CALIFORNIA POPPY	CLARKIA RUBICUNDA ESCHSCHOLZIA CALIFRONICA	5 GAL 36" O.C.	LOW	3,548 (29% COVERAGE)	TRI-SPACING	YES YES
<b>*************************************</b>	GRS_MX1 (33%) CALIFORNIA FESCUE (33%) PURPLE NEEDLEGRASS (33%) BLUE WILDRYE	FESTUCA CALIFORNICA STIPA PULCHRA ELYMUS GLAUCUS	5 GAL 30" O.C.	LOW	4,663 (38% COVERAGE)	TRI-SPACING	YES YES YES
(MA)	MAH_SO SOFT CARESS MAHONIA	MAHONIA 'SOFT CARESS'	5 GAL 24" O.C.	LOW	546 (4% COVERAGE)	TRI-SPACING	NO
7 > 2 L V V 7 > 7 > 4 T 1 \( \tau \) V V Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	PSO_MIX (50%)YERBA BUENA (50%)DOUGLAS IRIS	CLINOPODIUM DOUGLASII IRIS DOUGLASIANA	1 GAL 18" O.C.	LOW	749 (6% COVERAGE)	TRI-SPACING	YES YES
	GRS_MX2 (33%)CALIFORNIA FESCUE (33%)SPREADING RUSH (33%)COMMON YARROW	FESTUCA CALIFORNICA JUNCUS PATENS ACHILLEA MILLEFOLIUM	1 GAL 24" O.C.	LOW	457 (4% COVERAGE)	TRI-SPACING	YES YES YES

SYMBOL	KEY/COMMON NAME	SCIENTIFIC NAME	HEIGHT/WIDTH	QUANTITY	WUCOLS	REMARKS/SIZE
	TIL_TOM SILVER LINDEN	TILIA TOMENTOSA	50-70' TALL 25-35' WIDE	13	LOW	24" BOX*
	ARB_MAR MARINA STRAWBERRY TREE	ARBUTUS X 'MARINA'	20-30' TALL 20-30' WIDE	2	LOW	36" BOX*
	ACE_FRE FREEMAN'S MAPLE	ACER X FREEMANII	40-60' TALL 20-40' WIDE	2	MODERATE	24" BOX*
•			20-40 WIDE			
	GNK_BIL GINKGO TREE	GINKGO BILOBA	40-60' TALL	6	MODERATE	36" BOX
	GINNGO TREE		20-40' WIDE			
	LAG_IND	LAGERSTROEMIA INDICA	20-25' TALL	6	LOW	24" BOX*
	MUSKOGEE CRAPE MYRTLE	X FAURIEI 'MUSKOGEE'	10-15' WIDE			

TREE DISPOSITION RATIOS

TREE DISPOSITION LEGEND

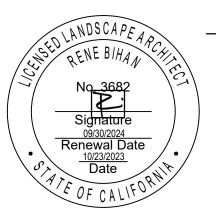
SYMBOL/KEY	DESCRIPTION	QUANTITY		*HERITAGE TREES REMOVED TO
TAG # XXX SPECIES	EXISTING HERITAGE TREE,	20	(D) NOTES DESIGNATED TREES.	BE REPLACED AT A 2:1 RATIO
	TO PROTECT IN PLACE		DASH REPRESENTS TREE DRIPLINE	*NON-HERITAGE TREES REMOVED TO BE REPLACED AT A 1:1
TAG # XXX SPECIES	OFFSITE EXISTING HERITAGE TREE, TO PROTECT IN PLACE	2		METRICS TOTAL EXISTING HERTIGAGE TREES REMOVED: 8
TAG # XXX SPECIES	OFFISTE EXISTING TREE TO PROTECT IN PLACE	7		TREE REPLACEMENT MINIMUM BASED ON 1:1 REPLACEMENT AND 2:1 HERITAGE
TAG # XXX SPECIES	EXISTING TREE TO PROTECT IN PLACE	1		REPLACEMENT: <u>25</u> TOTAL TREES PROPOSED: <u>20</u> SITE TREE CANOPY COVERAGE:
TAG # XXX SPECIES	EXISTING TREE TO BE REMOVED	9	SEE PLAN FOR LOCATIONS 1:1 REPLACEMENT RATIO	EXISTING: 30.1% AT CONSTRUCTION: 30.8% 5-10 YEARS: 35%
TAG # XXX SPECIES	HERITAGE TREE, TO BE REMOVED	7	2:1 REPLACEMENT RATIO	FULL GROWTH: 39.6% FULL GROWTH OFFSITE INCLUDED: 64.5%  NATIVE UNDERSTORY PLANTING COVERAGE
TAG # XXX SPECIES	OFFSITE EXISTING HERITAGE TREE, TO BE REMOVED	1	1:1 REPLACEMENT RATIO	77% NATIVE PLANTING 19% ADAPTED PLANTING 4% NON-NATIVE
	TREE PROTECTION FENCING ZONE	10	1 L0.04	12,397 TOTAL SQFT. OF UNDERSTORY PLANTING

#### LAYOUT NOTES

- 1. VERIFY LOCATION OF ALL BUILDINGS, WALLS, ROADS AND CURBS AFFECTING LANDSCAPE SCOPE OF WORK WITH ARCHITECTURAL AND CIVIL ENGINEER'S DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR ALL CURRENT BUILDING GROUND FLOOR PLANS.
- 2. VERIFY LOCATION OF ALL VAULTS, ELECTRICAL DUCT BANKS, MANHOLES, CONDUIT AND PIPING, DRAINAGE STRUCTURES AND OTHER UTILITIES WITH THE APPROPRIATE ENGINEERING DRAWINGS. NOTIFY LANDSCAPE ARCHITECT OF ANY CONFLICTS WITH LANDSCAPE SCOPE.
- 3. TAKE ALL DIMENSIONS FROM FACE OF CURB, WALL OR BUILDING OR TO CENTERLINE OF COLUMNS OR TREES UNLESS OTHERWISE NOTED. ALL MEASUREMENTS TO DESIGNATED CENTERLINE(S).
- 4. TAKE ALL DIMENSIONS PERPENDICULAR TO ANY REFERENCE LINE, WORK LINE, FACE OF BUILDING, FACE OF WALL, OR CENTERLINE.
- 5. ALL DIMENSIONS TAKEN TO CENTERLINE OF BUILDING COLUMN SHALL MEAN THE FIRST ROW OF COLUMNS CLOSEST TO THE FACE OF THE BUILDING. SEE ARCHITECT'S DRAWINGS FOR CORRESPONDING COLUMN LINES.
- 6. ALL ANGLES TO BE 90 DEGREES AND ALL LINES OF PAVING AND FENCING TO BE PARALLEL UNLESS NOTED OTHERWISE. MAINTAIN HORIZONTAL ALIGNMENT OF ADJACENT ELEMENTS AS NOTED ON THE DRAWINGS.
- 7. HOLD TOPS OF WALLS AND FENCES LEVEL UNLESS NOTED OTHERWISE.
- 8. REFERENCE TO NORTH REFERS TO PLAN NORTH, REFERENCE TO SCALE IS FOR FULL-SIZED DRAWINGS ONLY. DO NOT SCALE FROM REDUCED DRAWINGS.
- 9. DIMENSIONS TAKE PRESCIENCE OVER SCALES SHOWN ON DRAWINGS.
- 10. NOTES AND DETAILS ON SPECIFIC DRAWINGS TAKE PRESCIENCE OVER GENERAL NOTES AND TYPICAL DETAILS..
- 11. WHERE NOT SHOWN ON LANDSCAPE DRAWINGS, SEE CIVIL ENGINEER'S DRAWINGS FOR ROADWAY CENTERLINES, BUILDING SETBACKS AND BENCH MARKS.
- 12. ALL CONCRETE SLABS AND RAMP OR STEP FOOTINGS SHALL BE DOWELED INTO ABUTTING WALLS, FOUNDATIONS AND FOOTINGS USING BARS OF THE SAME SIZE AND SPACING UNLESS NOTED OTHERWISE. SEE JOINTING DETAILS.

#### PLANTING NOTES

- 1. PROVIDE MATCHING SIZES AND FORMS FOR EACH SPECIES OF TREE INSTALLED ON GRID OR SPACED EQUALLY IN ROWS AS SHOWN ON DRAWINGS. ALIGN TREES ACROSS WALKS. ADJUST SPACING AS NECESSARY, SUBJECT TO REVIEW BY THE LANDSCAPE ARCHITECT.
- 2. PROVIDE MATCHING SIZES AND FORMS FOR ALL HEDGE PLANTINGS. SPACE EQUALLY, ON GRID, TRIANGULARLY, AS SHOWN.
- 3. FORM 40 INCH WATERING BASIN AROUND ALL TREES NOT INSTALLED IN LAWN OR PAVED AREAS. FILL BASIN WITH 3 INCH LAYER OF GRAVEL MULCH.
- 4. PROVIDE HEADER TO SEPARATE ALL SHRUB AND GROUND COVER PLANTING AREAS.
- 5. EACH LOCATION OF ALL TREES SHALL BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO FINAL INSTALLATION.
- 6. EXACT PLACEMENT OF HEADERS WILL BE REVIEWED BY LANDSCAPE ARCHITECT PRIOR TO FINAL INSTALLATION.
- 7. PLANT NAMES ARE ABBREVIATED ON THE DRAWINGS. SEE PLANT LIST FOR KEY AND CLASSIFICATION.
- 8. FINISH ALL PLANTERS WITH 3" GRAVEL MULCH, SEE DRAWINGS.





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500 & 550 ELLIS ST. MOUNTAIN VIEW, CA

PLANTING SCHEDULE & **NOTES** 

08/04/2023 24x36: 11x17: **L4.00** 

