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Wellquest Living

PROJECT DATA

4075 El Camino Way, Palo Alto, CA 94306

LEGAL DESCRIPTION BOOK 132, PAGE 43, PARCEL 117, LOT A, J. J. MORRIS R.E. CO. SUB. OF THE COGAN TRACT,

ASSESSORS PARCEL NUMBER

ZONING

PC - Planned Community

NEW ADDITIONS TO AN EXISTING ASSISTED LIVING AND MEMORY CARE FACILITY THAT HAD CONSISTED OF 121 UNITS. THE ADDITION WOULD INCLUDE 14 ADDITIONAL ASSISTED LIVING DWELLING UNITS. (5 STUDIOS & 9 1-BED RMS). ASSISTED LIVING CONSISTS OF RESIDENTIAL CARE FOR THE ELDERLY THAT NEED DAY TO DAY ASSISTANCE. MEMORY CARE CONSISTS OF RESIDENTIAL CARE FOR THE ELDERLY WITH MEMORY ISSUES. THE PROPOSED TOTAL OF UNITS

BUILDING FOOTPRINT 34,698 SF (PAC) + 17,102 SF (AVANT) 51,800 SF (TOTAL) LOT COVERAGE (EXISTING) 53,849 SF (48.67%) with overhangs LOT COVERAGE (PROPOSED) 54,178 SF (48.97%) with overhangs

YEAR FIRST OCCUPIED: 1988

SPACES EXISITING TO REMAIN 57* 0.47 SPACES PER UNIT - EXISTING

SPACES REQUIRES:

SPACES PROVIDED:

NO RESIDENTIAL CARE FACILITY REQUIREMENT LISTED PER PAMC 18.52.040(C) TABLE 1

1 SPACE PER 2.5 BEDS REQUIRED 135 BEDS / 2.5 = **54 SPACES REQUIRED**

57* TOTAL - NO CHANGE

2 ADA, 8 COMPACT, 45 STANDARD

STAFF NEED TO REQUEST A PARKING PASS TO BE ABLE TO PARK PASS THE PARKING GATE. RESIDENTS DO NOT OWN NOR CAN DRIVE CARS. THEIR FAMILIES PARK IN THE GUEST PARKING. WHEN SURVEYED DURING A WORK DAY, 32 SPACES WERE BEING USED

PARKING SUMMARY (PAC)

ADA	
ADA VAN	
С	

C - COMPACT PARKING P - STANDARD PARKING

*AS PER PAMC 18.52.040(b)(8), ADA & ADA VAN SPACES SHALL COUNT AS AT LEAST 2 STANDARD PARKING SPACES FOR THE PURPOSES OF PARKING REQUIREMENTS.



PALO ALTO COMMONS

PROJECT TEAM

OWNERWellquest Living 30299 Buck Tail Drive, Canyon Lake, CA 92587 T: 951-757-2571

Charlene Kussner **ARCHITECT** Irwin Partners Architects 245 Fischer Avenue, Suite B2

Costa Mesa, CA 92626 T: 714-556-5774 W: www.ipaoc.com Greg Irwin **INTERIOR DESIGNER**

Conley Design 7100 Northland Circle N, Unit 214 Minneapolis, MN 55428 T: 612-470-8602 Amy Juelich

PROJECT INFORMATION

Unit Name	Unit Type	Qty	Area (SF)
Unit 2B-1	ASSISTED LIVING - 2 BED	2	733
(E) Unit B-1	ASSISTED LIVING - 1 BED	62	474
(E) Unit B-2	ASSISTED LIVING - 1 BED	12	469
(E) Unit B-3	ASSISTED LIVING - 1 BED	2	464
(E) Unit B-4	ASSISTED LIVING - 1 BED	1	441
(E) Unit B-5	ASSISTED LIVING - 1 BED	1	542
(E) Unit B-6	ASSISTED LIVING - 1 BED	1	637
(E) Unit B-H	ASSISTED LIVING - 1 BED	4	474
(E) Unit S-1	ASSISTED LIVING - STUDIO	22	377
(E) Unit S-3	ASSISTED LIVING - STUDIO	7	367
(E) Unit S-H	ASSISTED LIVING - STUDIO	7	378
(N) Unit B-1	ASSISTED LIVING - 1 BED	1	474
(N) Unit B-1 alt	ASSISTED LIVING - 1 BED	1	461
(N) Unit B-3	ASSISTED LIVING - 1 BED	2	464
(N) Unit B-3 alt	ASSISTED LIVING - 1 BED	1	459
(N) Unit B-4	ASSISTED LIVING - 1 BED	2	441
(N) Unit B-5	ASSISTED LIVING - 1 BED	2	542
(N) Unit S-1	ASSISTED LIVING - STUDIO	3	372
(N) Unit S-2	ASSISTED LIVING - STUDIO	2	400

EXISTING UNIT COUNT: 121 **PROPOSED UNIT COUNT:** 135 (14 NEW UNITS)

CODE REQUIREMENTS

CODE INFORMATION UTILIZED FOR PROJECT THIS PROJECT IS PRIVATELY OWNED AND PRIVATELY FUNDED NO CHANGE IN USE EXISTING MEANS OF EGRESS TO REMAIN

APPLICABLE CODES

ALL WORK SHALL BE IN CONFORMANCE WITH 2019 CALIFORNIA BUILDING CODE

2019 CALIFORNIA ELECTRICAL CODE 2019 CALIFORNIA MECHANICAL CODE 2019 CALIFORNIA PLUMBING CODE 2019 CALIFORNIA FIRE CODE

2019 CALIFORNIA ENERGY CODE CALIFORNIA GREEN BUILDING CODE (CALGreen) WITH LOCAL AMENDMENTS PALO ALTO CODES AND ORDINANCES

BUILDING CONSTRUCTION

OCCUPANCY TYPES: CONSTRUCTION TYPE:

R2.1, A2, A3, B; **NO CHANGE**TYPE V-A above TYPE I-A (UNDERGROUND PARKING); **NO CHANGE** SPRINKLERS: ALLOWABLE BUILDING HEIGHT ACTUAL BUILDING HEIGHT -32'-6"; **NO CHANGE**

ALLOWABLE BUILDING AREA (SINGLE OCCUPANCY, MULTI-STORY, NON-SEPARATED USE): BASIC - 10,500 SF INCREASES **MULTISTORY - YES** SPRINKLERS - YES

SEPARATION - NONE

31,500 SF per Floor TOTAL = 63,000 SF

PALO ALTO COMMONS (EXISTING): **BUILDING AREA (EXISTING)** Area (SF)

•••	Alea (SF)
Building A	
First Floor	20,852
Second Floor	17,468
Third Floor	11,482
	49,802 sq ft
Building B	
First Floor	12,471
Second Floor	11,643
Third Floor	9,845
	33,959 sq ft
	83,761 sq ft

110,642 SF

FAR CALCULATION (EXISTING) TOTAL BUILDING AREA: 131,261 SF

BUILDING AREA: 47,500 SF

THE AVANT (EXISTING):

SITE AREA:

PALO ALTO COMMONS (PROPOSED): **BUILDING AREA (PROPOSED)**

	` ,
Building A	
First Floor	21,142
Second Floor	18,679
Third Floor	12,415
	52,236 sq ft
Building B	
First Floor	12,471
Second Floor	12,471
Third Floor	12,471
	37,413 sq ft
	89,649 sq ft

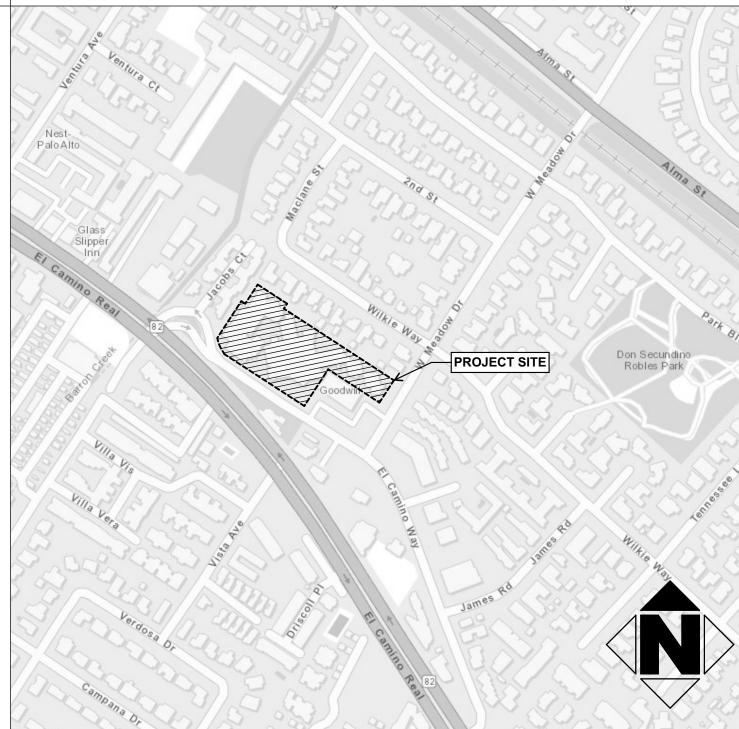
FAR CALCULATION (PROPOSED) SITE AREA:

1 1130 1 1001	21,172
Second Floor	18,679
Third Floor	12,415
	52,236 sq ft
Building B	
First Floor	12,471
Second Floor	12,471
Third Floor	12,471
	37,413 sq ft
	89,649 sq ft

THE AVANT (NO CHANGE; NOT IN SCOPE): BUILDING AREA: 47,500 SF

TOTAL BUILDING AREA: 137,149 SF 110,642 SF FAR:

VICINITY MAP



DEFERRED SUBMITTALS

SUBJECT TO REVIEW AND APPROVAL OF FIRE AUTHORITY: FIRE ALARM SYSTEMS

SUBMITTAL DOCUMENTS FOR DEFERRED SUBMITTAL ITEMS SHALL BE SUBMITTED TO THE ARCHITECT OR ENGINEER OF RECORD, WHO SHALL REVIEW THEM AND FORWARD THEM TO THE GENERAL CONTRACTOR WITH A NOTATION INDICATING THAT THE DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED AND THAT THEY HAVE BEEN FOUND TO BE IN GENERAL CONFORMANCE WITH THE DESIGN OF THE BUILDING. THE DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THEIR DESIGN AND SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE BUILDING OFFICIAL.

PLANS FOR THE DEFERRED SUBMITTAL ITEMS SHALL BE SUBMITTED TO THE BUILDING OFFICIAL BY THE GENERAL CONTRACTOR OR HIS SUB CONTRACTOR IN A TIMELY MANNER THAT ALLOWS A MINIMUM OF 30 WORKING DAYS FOR INITIAL PLAN REVIEW. ALL COMMENTS RELATED TO THE DEFERRED SUBMITTAL MUST BE ADDRESSED TO THE SATISFACTION OF THE BUILDING OFFICIAL PRIOR TO APPROVAL OF THE SUBMITTAL

SHEET INDEX

TITLE Tree Protection Sheet Cal Greens Notes GB-2 Cal Greens Notes

Architectural Site Plan Landscape Site Plan

Trash, Recycling, & Compost Waste Enclosure

First Floor Plan Area B

Second Floor Plan Area A Second Floor Plan Area B

Third Floor Plan Area A Third Floor Plan Area B Basement Floor Plan

Floor Area Block Diagrams - 1st FLR Floor Area Block Diagrams - 2nd FLR

Floor Area Block Diagrams - 3rd FLR Exterior Building Elevations - North

Exterior Building Elevations - South Exterior Building Elevations - East

Exterior Building Elevations - West Exterior Building Elevations - N/E Courtyard

Exterior Building Elevations - S/W Courtyard Exterior Building Sections - Daylight Plane

Exterior Building Tent Diagrams - Daylight Plane

RECEIVED, REVIEWED & **REVISION STAMPS**

CHECKED BY: TB & MP DATE OF ISSUE: 10/27/2022

Title Sheet

DRAWING DESCRIPTION

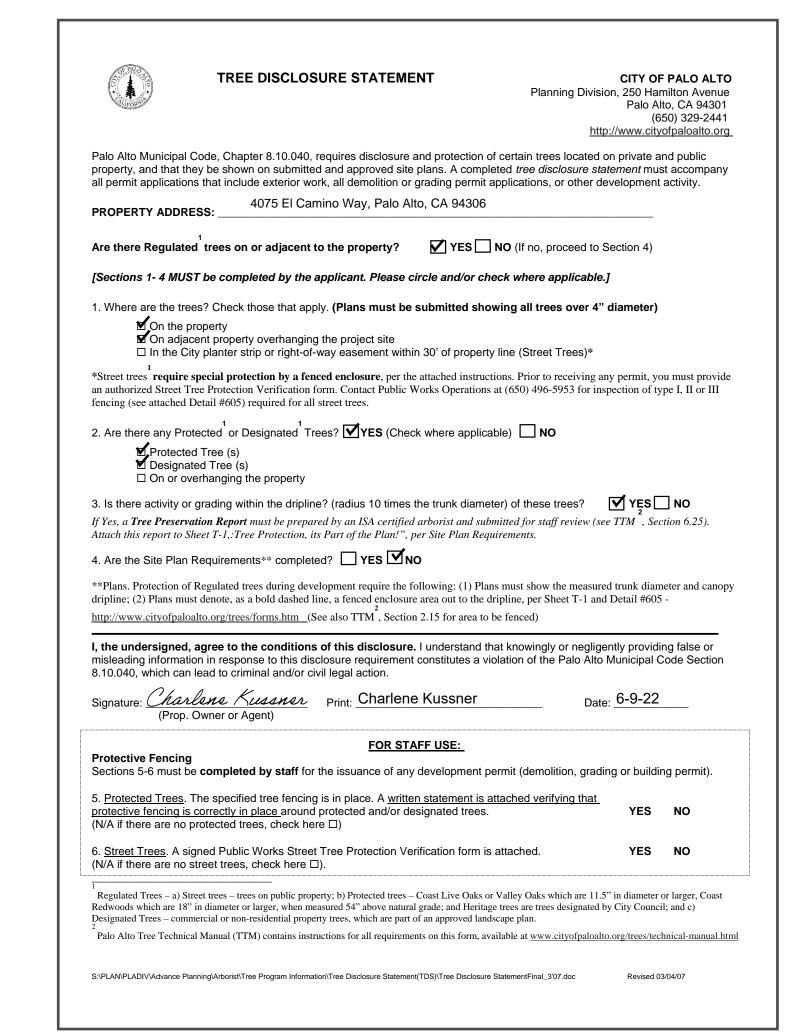
City of Palo Alto

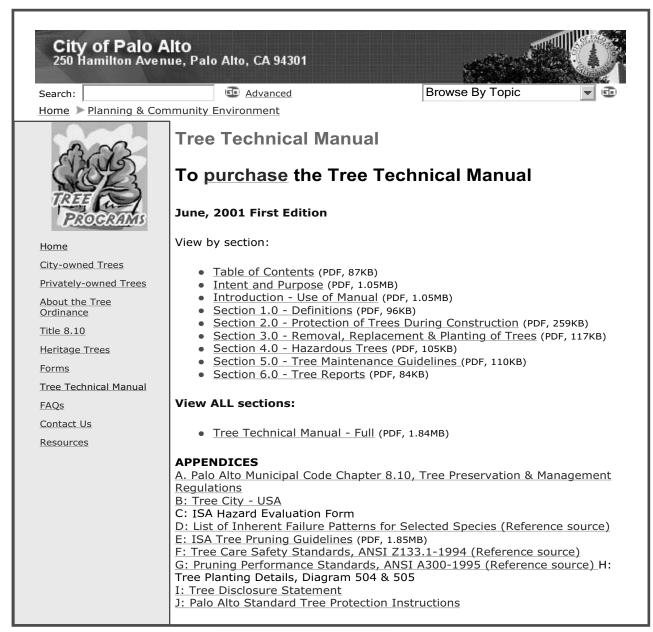
Tree Protection - It's Part of the Plan!

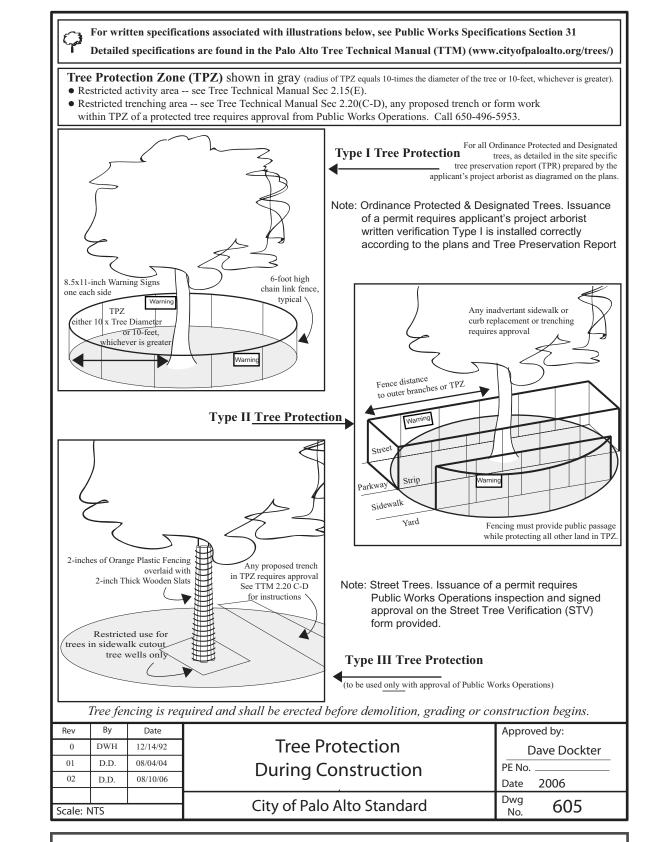
Make sure your crews and subs do the job right!

Fenced enclosures around trees are essential to protect them by keeping the foliage canopy and branching structure clear from contact by equipment, materials and activities, preserving roots and soil conditions in an intact and non-compacted state, and identifying the Tree Protection Zone (TPZ) in which no soil disturbance is permitted and activities are restricted, unless otherwise approved. An approved tree protection report must be added to this sheet when project activity occurs within the TPZ of a regulated tree.

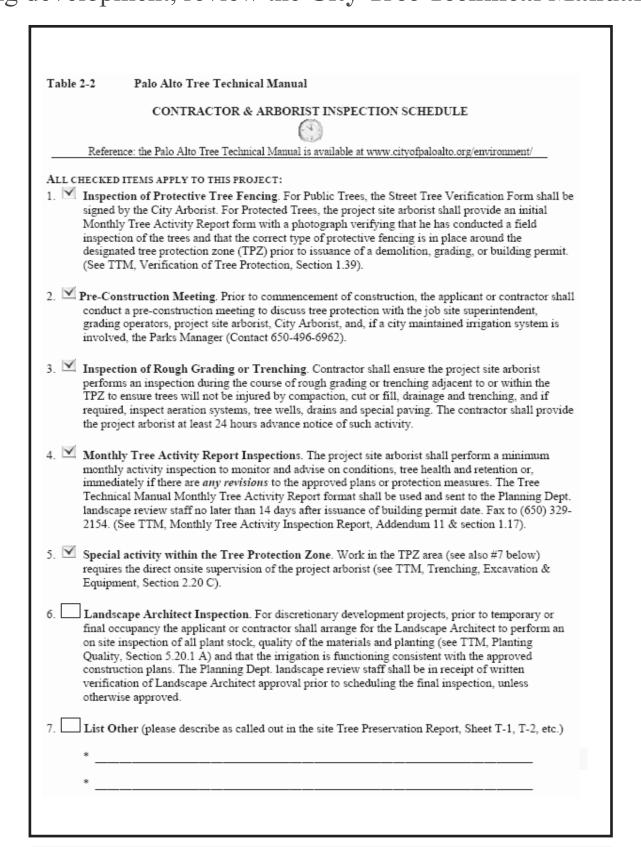
For detailed information on Palo Alto's regulated trees and protection during development, review the City Tree Technical Manual (TTM) found at www.cityofpaloalto.org/trees/.



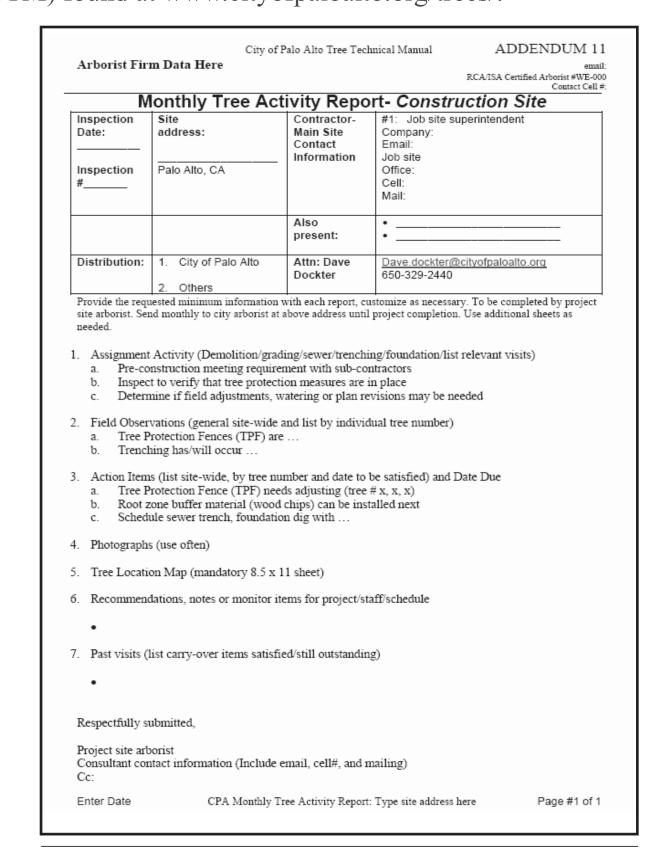




31-1 General a. b. 31-2 Referal a. b. c. 31-3 Executa a. d. e. f. f.	STREET TREE PI eral Tree protection has three primary functions,	PALO ALTO ROTECTION INSTRUCTIONS SECTION 31
a. b. 31-2 Reference a. b. c. 31-3 Executa a. d. e. f.	Tree protection has three primary functions,	SECTIONS
b. 31-2 Referra. b. c. 31-3 Execua. b. c. d.		
a. b. c. 31-3 Execu a. b. c. d.	non-compacted state and 3) to identify the T permitted and activities are restricted, unless of The Tree Protection Zone (TPZ) is a restricted	ed area around the base of the tree with a radius of ten-times
a. b. c. 31-3 Execu a. b. c. d.	the diameter of the tree's trunk or ten feet; which	never is greater, enclosed by fencing.
b. c. 31-3 Execua. b. c. d.	rence Documents	
31-3 Execu a. b. c. d.	 Detail 605 – Illustration of situations described be Tree Technical Manual (TTM) Forms (http://w Trenching Restriction Zones (TTM, Section 6.2. Arborist Reporting Protocol (TTM, Section 6.3.5) Site Plan Requirements (TTM, Section 6.3.5) Tree Disclosure Statement (TTM, Appendix 	vww.cityofpaloalto.org/trees/) 2.20(C)) 5.30)
a. b. c. d. e.	Street Tree Verification (STV) Form (http://ww	
a. b. c. d. f.	ution	
c. d. e. f.	Type I Tree Protection: The fence shall enclose life of the construction project. In some parking	se the entire TPZ of the tree(s) to be protected throughout the areas, if fencing is located on paving or concrete that will no l by an appropriate grade level concrete base, if approved by
d. e. f.	Type II Tree Protection: For trees situated wit	hin a planting strip, only the planting strip and yard side of in link protective fencing in order to keep the sidewalk and
e. f.	Type III Tree Protection: To be used only wit tree well or sidewalk planter pit, shall be wrappe the first branch and overlaid with 2-inch thick w	h approval of Public Works Operations. Trees situated in a ed with 2-inches of orange plastic fencing from the ground to vooden slats bound securely (slats shall not be allowed to dig fencing, caution shall be used to avoid damaging any fencing as directed by the City Arborist
f.	Size, type and area to be fenced. All trees to be link fences. Fences are to be mounted on two-in a depth of at least 2-feet at no more than 10-foor specifically approved on the STV Form.	be preserved shall be protected with six (6') foot high chain neh diameter galvanized iron posts, driven into the ground to t spacing. Fencing shall extend to the outer branching, unless
	intervals. The sign shall be minimum 8.5-inche "WARNING - Tree Protection Zone - This fence PAMC Section 8.10.110."	ther proof and prominently displayed on each fence at 20-foo is x 11-inches and clearly state in half inch tall letters: the shall not be removed and is subject to a fine according to
g.	place until final inspection of the project, except disturbance in the TPZ requires approval by the	demolition; grading or construction begins and remain in t for work specifically allowed in the TPZ. Work or soil project arborist or City Arborist (in the case of work around tht of way require a Street Work Permit from Public Works.
	During construction	
	 The applicant shall be responsible for the rethat are damaged during the course of const Municipal Code. The following tree preservation measures a No storage of material, topsoil, vel The ground under and around the 	hicles or equipment shall be permitted within the TPZ.
	END OF SE	ECTION
City of Palo Al Street Tree Ver	Alto 2004 Standard Drawings and Specifications	Revised 08/06



City of Palo A Tree Department Public Works Operations PO Box 10250 Palo Alto, C 650/496-5953 FAX: 650/88 treeprotection@CityofPalo/	CA 94303 52-9289	Verification of Street Tree Protection					
Applicant Instructions: Complete upper po Disclosure Statement to Public Works Dep	rtion of this fo t. Public Wo	orm. Mail or FAX this form along with signed Tree rks Tree Staff will inspect and notify applicant.					
APPLICATION DATE:							
ADDRESS/LOCATION OF STREET TREES TO BE PROTECTED:	4075	El Camino Way, Palo Alto, C					
APPLICANT'S NAME:	Charlene	Kussner					
APPLICANT'S ADDRESS:	185 S. St	tate Street, Suite 1500, Salt Lake City UT 84					
APPLICANT'S TELEPHONE & FAX NUMBERS:	Cell: 9	Cell: 951-757-2571					
This section to be filled out by City Tree S	taff						
The Street Trees at the above address(es) are adequately		YES □ NO* □					
protected. The type of protection used is:		* If NO, go to #2 below					
Inspected by:							
Date of Inspection:							
The Street Trees at the above address are NOT adequately protected. The following modifications are required: Indicate how the required modifications were communicated to the applicant.							
Subsequent Inspection							
Street trees at above address were found to be adequately protected:		YES ☐ NO* ☐ If NO, indicate in "Notes" below the disposition of case.					
Inpsected by:							
Date of Inspection:							
Notes: List City street trees by species, site, condition and type of tree protection installed. Also note if pictures were taken. Use back of sheet if necessary.							
	1						



---WARNING--Tree Protection Zone

This fencing shall not be removed without City Arborist approval (650-496-5953)

Removal without permission is subject to a \$500 fine per day*

*Palo Alto Municipal Code Section 8.10.110

City of Palo Alto Tree Protection Instructions are located at http://www.city.palo-alto.ca.us/trees/technical-manual.htm

SPECIAL INSPECTIONS	PLANNING DEPARTMENT
TREE PROTECTION INSPECTIONS MA	NDATORY
AMC 8.10 PROTECTED TREES. CONTRACTOR SHALL ENSURE PROJECTEQUIRED TREE INSPECTION AND SITE MONITORING. PROVIDE WRITTIGEPORTS TO THE PLANNING DEPARTMENT LANDSCAPE REVIEW STAFFIGUILDING PERMIT ISSUANCE.	EN MONTHLY TREE ACTIVITY
BUILDING PERMIT DATE:	
DATE OF 1 ST TREE ACTIVITY REPORT:	
CITY STAFF:	
REPORTING DETAILS OF THE MONTHLY TREE ACTIVITY REPORT SHALI FERIFY THAT ALL TREE PROTECTION MEASURES ARE IMPLIMENTED AN ACTIVITY, SCHEDULED OR UNSCHEDULED, WITHIN A TREE PROTECTI BS SUBJECT TO VIOLATION OF PAMC 8.10.080. REFERENCE: PALO SECTION 2.00 AND ADDENDUM 11.	ND WILL INCLUDE ALL CONTRACTOR ION ROOT ZONE. NON-COMPLIANCE

Apply Tree Protection Report on sheet(s) T-2

Use addtional "T" sheets as needed

Project Data

0

T-1



All other tree-related reports shall be added to the space provided on this sheet (adding as needed) Include this sheet(s) on Project Sheet Index or Legend Page.

A copy of T-1 can be downloaded at http://www.cityofpaloalto.org/civica/filebank/blobdload.asp?BlobID=6460

Special Tree Protection Instruction Sheet City of Palo Alto



T-1

							Compliance F	Path Ve	rification		
				Plan Sheet, Spec or	Plai	n Check	Rough GB Inspection IVR # 152		Inspection		
4.5	Environmenta	Quality Code Section Y	N	Attachment Reference	CORI	FINITIAL	CORF INITIAL	CORR	INITIAL	CORR	NITIAL
	Mandatory		Χ		П						
	Mandatory	Covering of duct openings, protection of mechanical equipment during construction 4.504.1 X		GB-2	П						
	Mandatory	Adhesives, sealants and caulks - Table 4.504.1 or 4.504.2 for VOC limits 4.504.2.1 X		GB-2	п						
	Mandatory	Paints and coatings - Table 4.504.3 for VOC limits 4.504.2.2 X		GB-2	П						
	Mandatory	Aerosol paints and coatings 4.504.2.3 X		GB-2	Π						
	Mandatory	Verification - documentation to verify complaint VOC limit on finish materials 4.504.2.4 X		GB-2	П						
	Mandatory	Carpet systems compliant with VOC limits 4.504.3 X		GB-2	п						
		Carpet systems: Carpet cushion 4.504.3.1 X		GB-2	П						
	Mandatory	Carpet systems: Carpet adhesive - Table 4.504.1 for VOC limits 4.504.3.2 X		GB-2	п						
_	Tier 1 Mand.	Resilient flooring systems for 90% - Tier 1 requirements AMC 16.16.070 & 16.14.080/ A4.504.2 X		GB-2	п						
datory	Mandatory	Composite wood products 4.504.5 X		GB-2	п						
da	Mandatory	Documentation 4.504.5.1 X		GB-2	n						
Man		Concrete slab foundations - vapor retarder required 4.505.2 X		GB-2	П						
≥		Capillary break for slab-on-grade foundations 4.505.2.1 X		GB-2	п						
	Mandatory	Moisture content of building materials ≤ 19% for wall and floor framing 4.505.3 X		GB-2	n						
-		Bathroom exhaust fans (when required) shall be provided with the following: 4.506.1 X		GB-2	П						
	Mandatory	1. ENERGY STAR fans ducted to outside of building.		GB-2	П						
	Mandatory	2. Humidity controlled OR functioning as a component of a whole-house ventilation system X		GB-2	П						
		3. Humidity controls with manual or automatic means of adjustment for relative humidity range of ≤ 50% to 80% max X		GB-2	П						
	Mandatory	Heating and air conditioning system design 4.507.2 X		GB-2	П						
	Mandatory	Indoor Air Quality Management Plan [MF] PAMC 16.14.390 X		GB-2	п						
	Mandatory	Water Heater Replacement (Residential Remodels or Additions: HPWH required when PAMC 16.14.110/ 4.509 X		GB-2							
		gas water heater is replaced or new water heater is added) Section 4.509			П						
	Elective	Compliance with formaldehyde limits PAMC 16.14.265/ A4.504.1 X		GB-2							
Ξ	Elective		Х		п						
es	Elective	Construction filters [HR] A4.506.2	X								
Electives (П						
<u> ec</u>	Elective		Х		П						
Ш	Elective	Innovative concepts and local environmental conditions. A4.509.1	Х		Π						
	Legend:					<u></u>	,				

The Green Building Survey is a required project submittal. The survey can be found at the following link. The online survey shall be completed and a Green Building Survey Report

will be sent in an email. Include a copy of the survey report on a separate page in this plan set. Please indicate the reference page here _

Special Inspector Acknowledgement
opeoial inspector Admirationagement
The project will be verified by a RESIDENTIAL GREEN BUILDING SPECIAL INSPECTOR
I have reviewed the project plans and specifications, and they are in conformance with the CALGreen mandatory and elective measures claimed. I have reviewed and understand the afterconstruction requirements below.
Observation (Occurs B. H.F. of Occidence of Co.)
Signature (Green Building Special Inspector)
Print Name
Phone or Email
Date

SECTION TO BE COMPLETED AFTER CONSTRUCTION

After construction is complete submit the following at the City Development Center to schedule your final inspection:
Construction debris receipts from an approved facility using Green Halo.
If HERS testing was required per the homes energy report, attach the completed forms.
If there were alterations during construction that impacted the energy report (i.e. R values, U factors, Equipment Types) rerun the report and attach it.
I certify that:
CALGreen inspections were performed throughout construction.
The home has met the CALGreen measures as claimed on this sheet. Those required for landscaping may be excluded from this confirmation if verified within 6 months of final inspection.
Through a combination of onsite inspections and confirmation from the Contractor there have been no alterations that impacted the energy report for the home, unless the new report is provided as an attachment.
Cignotium (Croon Building Special Ingrestor)
Signature (Green Building Special Inspector) Sign only after project is complete
Sign only after project is complete
Print Name
Date

Deve	lopment Center to schedule your final inspection:
	Construction debris receipts from an approved facility using Green Halo.
	If HERS testing was required per the homes energy report, attach the completed forms.
	If there were alterations during construction that impacted the energy report (i.e. R values, U factors, Equipment Types) rerun the report and attach it.
I cert	ify that:
	CALGreen inspections were performed throughout construction.
	The home has met the CALGreen measures as claimed on this sheet. Those required for landscaping may be excluded from this confirmation if verified within 6 months of final inspection.
	Through a combination of onsite inspections and confirmation from the Contractor there have been no alterations that impacted the energy report for the home, unless the new report is provided as an attachment.
Sign	ature (Green Building Special Inspector)
Signa	
	Sign only after project is complete
Print	Name
Date	

IRWIN PARTNERS

ARCHITECTURE

PLANNING

CONSULTING

245 Fischer Avenue

Suite B-2

Costa Mesa

California 92626

T: 714 557 2448

www.ipaoc.com

	03 Well				
	K:\2021\21003 Well		DJECT:	21003	8. DR
			DRAWN BY: YI, RA, & DB CHECKED BY: TB & MP		
	M	DA	DATE OF ISSUE: 10/27/2022		
	3:16 PM				
	7/12/2023				
	7/13				
	S	DRAWING DESCRIPTION			RIPTION

2022 RESIDENTIAL GREEN BUILDING APPLICATION CALGREEN MANDATORY + TIER 1

http://www.bsc.ca.gov/Home/CALGreen.aspx https://www.cityofpaloalto.org/Departments/Planning-Development-Services/Development-Services/Green-Building/Compliance https://codelibrary.amlegal.com/codes/paloalto/latest/paloalto_ca/0-0-0-72369

Y - Yes; the measure is in the scope of work

[N] - New Construction

[HR] - High-rise building

[MF] - Multi-family dwellings

[AA] - Additions and alterations

N - No; the measure is not in the scope of work

PAMC - Palo Alto Municipal Code; locally amended

GB-1 Mandatory +Tier '

roject

2022

Cal Greens Notes DRAWING NUMBER

Elective Door protection

Elective Roof overhangs

Elective Innovative concepts and local environmental conditions

A4.407.6 X

A4.407.7 X

2. A greyfield site is selected. 3. An EPA-recognized and remediated Brownfield site is

A4.103.2 Community connectivity. Facilitate community

connectivity by one of the following methods: 1. Locate project within a 1/4-mile true walking distance of at least four basic services, readily accessible by pedestrians. 2. Locate project within a 1/2-mile true walking distance of

at least seven basic services, readily accessible by pedestrians. 3. Other methods increasing access to additional resources.

Note: Examples of services include, but are not limited to, bank, place of worship, convenience grocery, day care, cleaners, fire station, barber shop, beauty shop, hardware store, laundry, library, medical clinic, dental clinic, senior care facility, park, pharmacy, post office, restaurant, school, supermarket, theater, community center, fitness center, museum or farmers market. Other services may be considered on a case-by-case basis.

Site located walking distance from, Day care: 0.06 miles, Resturant: 0.08 Miles, School: 0.11 Miles, Place of Worship: 0.16

SECTION 4.106 SITE DEVELOPMENT

4.106.1 General. Preservation and use of available natural resources shall be accomplished through evaluation and careful planning to minimize negative effects on the site and adjacent areas. Preservation of slopes, management of storm water drainage and erosion controls shall comply with this section.

4.106.2 Storm water drainage and retention during

Projects which disturb less than one acre of soil and are not part of a larger common plan of development which in total disturbs one and Tier 2 projects and is amended to read: acre or more, shall manage storm water drainage during construction. In order to manage storm water drainage during construction, one or more of the following measures shall be implemented to prevent flooding of adjacent property, prevent erosion and retain soil runoff on the site. 1. Retention basins of sufficient size shall be utilized to retain

storm water on the site. 2. Where storm water is conveyed to a public drainage system, collection point, gutter or similar disposal method, water shall be filtered by use of a barrier system, wattle or other method approved by the enforcing agency. 3. Compliance with a lawfully enacted storm water management ordinance.

Note: Refer to the State Water Resources Control Board for projects which disturb one acre or more of soil, or are part of a larger common plan of development which in total disturbs one acre or more of soil. (Website:https://www.waterboards.ca.gov/water_issues/progra ms/stormwater/construction.html)

A4.106.2.3 Topsoil protection. Topsoil shall be protected or saved for reuse as specified in this section. Tier 1. Displaced topsoil shall be stockpiled for reuse in a designated area and covered or protected from ero-sion.

Note: Protection from erosion includes covering with tarps, straw, mulch, chipped wood, vegetative cover or other means acceptable to the enforcing agency to protect the topsoil for later use.

A4.106.3 Landscape design. Postconstruction landscape designs shall accomplish one or more of the following: 1. Areas disrupted during construction are restored to be consistent with native vegetation species and patterns. 2. Utilize at least 75 percent native California or drought tolerant plant and tree species appropriate for the climate zone

A4.106.4 Water permeable surfaces. Permeable paving is utilized for the parking, walking or patio surfaces in compliance with the following.

Tier 1. Not less than 20 percent of the total parking, walking or patio surfaces shall be permeable.

and one full flush.

1. The primary driveway, primary entry walkway and entry porch or landing shall not be included when calculating the area required to be a permeable surface. 2. Required accessible routes for persons with disabilities as required by California Code of Regulations, Title 24, Part 2, Chapter 11A and/or Chapter 11B as applicable.

Division 4.3 - WATER EFFICIENCY AND CONSERVATION

SECTION 4.303 INDOOR WATER USE

4.303.1 Water conserving plumbing fixtures and fittings. Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) shall comply with Sections 4.303.1.1, 4.303.1.2, 4.303.1.3, and 4.303.1.4.

Note: All noncompliant plumbing fixtures in any residential real property shall be replaced with water-conserving plumbing fixtures. Plumbing fixture replacement is required prior to issuance of a certificate of final completion, certificate of occupancy, or final permit approval by the local building department. See Civil Code Section 1101.1, et seq., for the definition of a noncompliant plumbing fixture, types of residential buildings affected and other important enactment

4.303.1.1 Water closets. The effective flush volume of all water closets shall not exceed 1.28 gallons per flush. Tank-type water closets shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Tank-type Toilets.

Note: The effective flush volume of dual flush toilets is defined as the composite, average flush volume of two reduced flushes

4.303.1.3.1 Single showerhead. Showerheads shall have a maximum flow rate of not more than 1.8 gallons per minute at 80 psi. Showerheads shall be certified to the performance criteria of

the U.S. EPA WaterSense Specification for Showerheads.

4.303.1.4.1 Residential lavatory faucets. The maximum flow rate of residential lavatory faucets shall not exceed 1.2 gallons per minute at 60 psi. The minimum flow rate of residential lavatory faucets shall not be less than 0.8 gallons per minute at 20 psi. **4.303.1.4.3 Metering faucets.** Metering faucets when installed in residential buildings shall not deliver more than 0.2 gallons per

A4.303.1 Kitchen faucets. The maximum flow rate of kitchen faucets shall not exceed 1.5 gallons per minute at 60 psi. Kitchen faucets may temporarily increase the flow above the maximum rate, but not to exceed 2.2 gallons per minute at 60 psi, and must default to a maximum flow rate of 1.5 gallons per minute at 60 psi.

Note: Where complying faucets are unavailable, aerators or other means may be used to achieve reduction.

4.303.2 Standards for plumbing fixtures and fittings. Plumbing fixtures and fittings shall be installed in accordance with the California Plumbing Code, and shall meet the applicable standards referenced in Table 1701.1 of the California Plumbing

A4.303.5 Hot water recirculation systems. One- and two-family dwellings shall be equipped with a demand hot water recirculation system, as defined in Chapter 2. The demand hot water recirculation system shall be installed in accordance with the California Plumbing Code, California Energy Code and the manufacturer's installation instructions.

SECTION 4.305

WATER REUSE SYSTEMS 4.305.1 Recycled water supply systems. Newly constructed residential developments, where disinfected tertiary recycled water is available from a municipal source to a construction site, may be required to have recycled water supply systems installed, allowing the use of recycled water for residential landscape irrigation systems. See Chapter 15 of the California Plumbing Code.

Division 4.4 – MATERIAL CONSERVATION AND RESOURCE EFFICIENCY

16.14.240 Section A4.403.2 Reduction in cement use. Section A4.403.2 of Appendix A4 of the California Green Building Standards Code is adopted as a Mandatory measure for all Tier 1

A4.403.2 Low Carbon Concrete Requirements.

A4.403.2.1 Purpose. The purpose of this chapter is to provide practical standards and requirements for the composition of concrete, as defined herein, that maintains adequate strength and durability for the intended application and at the same time reduces greenhouse gas emissions associated with concrete composition. This code includes pathways for compliance with either reduced cement levels or lower-emission supplementary cementitious materials.

A4.403.2.2 Definitions. For the application of this section the following definitions shall apply:

Concrete. Concrete is any approved combination of mineral aggregates bound together into a hardened conglomerate in accordance with the requirements of this code.

Environmental product declaration (EPD). EPDs present quantified environmental information on the life cycle of a product to enable comparisons between products fulfilling the same function. EPDs must conform to ISO 14025, and EN 15804 or ISO 21930, and have at least a "cradle to gate" scope (which covers product life cycle from resource extraction to the factory). Upfront embodied carbon (embodied carbon). The greenhouse gasses emitted in material extraction, transportation and manufacturing of a material corresponding to life cycle stages A1 (extraction and upstream production), A2 (transportation), and A3 (manufacturing). Definition is as noted in ISO 21930 and as defined in the Product Category Rule for Concrete by NSF dated February 22nd, 2019. https://www.nsf.org/ newsroom pdf/concrete pcr 2019.pdf

A4.403.2.3. Compliance. Compliance with the requirements of this chapter shall be demonstrated through any of the compliance options in Sections 4.403.2.3.2 through

4.403.2.3.5: **Table A4.403.2.3 Cement and Embodied Carbon Limit Pathways**

A4.403.2.3.1 Allowable Increases.

(1) Cement and Embodied Carbon Limit Allowances. Cement or Embodied Carbon limits shown in Table A4.403.2.3 can be increased by 30% for concretes demonstrated to the Building Official as requiring high early strength. Such concretes could include, but are not limited to, precast, prestressed concrete; beams and slabs above grade; and shotcrete

(2) Approved Cements. The maximum cement content may be increased proportionately above the tabulated value when using an approved cement, or blended cement, demonstrated by approved EPD to have a plant-specific EPD lower than 1040 kg CO2e/metric ton. The increase in allowable cement content would be (1040/plant=specific EPD) %.

A4.403.2.3.2 Cement Limit Method - Mix. Cement content of a concrete mix using this method shall not exceed the value shown in the Table A4.403.2.3. Use of this method is limited to concrete with specified compressive strength not exceeding 5,000 psi.

A4.403.2.3.3 Cement Limit Method - Project. Total cement content shall be based on total cement usage of all concrete mix designs within the same project. Total cement content for a project shall not exceed the value calculated according to Equation A4.403.2.3.3.

Equation A4.403.2.3.3:

Cem proj < Cem allowed Cem proj = Cem proj and Cem proj = Ce

n = the total number of *concrete* mixtures for the project

Cem _n = the cement content for mixture_n, kg/m^3 or lb/yd^3 Cem _{lim} = the maximum cement content for mixture_n per Table A4.403.2.3, kg/m³ or lb/yd³

v_n = the volume of mixture_n concrete to be placed, vd³ or m³ Applicant can use yd³ or m³ for calculation, but must keep same units throughout

A4.403.2.3.4. Embodied Carbon Method - Mix. Embodied carbon of a concrete mix, based on an approved environmental product declaration (EPD), shall not exceed the value given in Table A4.403.2.3.

A4.403.2.3.5. Embodied Carbon Method - Project. Total embodied carbon (EC proj) of all concrete mix designs within the same project shall not exceed the project limit (EC allowed) determined using Table A4.403.2.3 and Equation A4.403.2.3.5.

Equation A4.403.2.3.5: EC proj < EC allowed

where EC proj = EC n v n and EC allowed = EC lim v n

n = the total number of *concrete* mixtures for the project EC _n = the embodied carbon potential for mixture n per mixture EPD, kg/m^3

EC _{lim} = the embodied carbon potential limit for mixture n per Table A4.403.2.3, kg/m³ v_n = the volume of mixture_n concrete to be placed, yd³ or m³

Applicant can use yd³ or m³ for calculation, but must keep same units throughout.

the estimated and/or actual costs of materials used for the project, including the structure (steel, concrete, wood or masonry); the enclosure (roof, windows, doors and exterior walls); the interior walls, ceilings and finishes (gypsum board, not include fees, labor and installation costs, overhead,

appliances, equipment, furniture or furnishings.

A4.403.2.3.6. Enforcement. As a condition prior to the issuance of every building permit involving placement of concrete, the permit applicant shall be required to submit a completed low-carbon concrete compliance form that shall be provided by and reviewed for compliance by the building department prior to issuing the permit. As a condition of such building permits, and prior to approving construction inspections following placement of concrete, the permit applicant shall be required to submit batch certificates and/or EPDs provided by the concrete provider that demonstrate compliance with the low-carbon concrete compliance form on file with the building permit. The batch certificates and/or EPDs shall be reviewed for compliance by the building department prior to approving any further inspections. When deviations from compliance with this section occur, the chief building official or his designee is authorized to require evidence of equivalent carbon reductions from the portion. of remaining construction of the project to demonstrate alternative compliance with the intent of this chapter. For projects involving placement of concrete by, or on behalf of, a public works, parks, or similar department the director of such department, or his/her assignee, shall maintain accurate records of the total volume (in cubic yards) of all concrete placed, as well as the total compliant volume (in cubic yards) of all concrete placed, and shall report this data annually to the

A4.403.2.3.7. Exemptions (a) Hardship or infeasibility exemption. If an applicant for a project subject to this chapter believes that circumstances exist that make it a hardship or infeasible to meet the requirements of this chapter, the applicant may request an exemption as set forth below. In applying for an exemption, the burden is on the applicant to show hardship or infeasibility. The applicant shall identify in writing the specific requirements of the standards for compliance that the project is unable to achieve and the circumstances that make it a hardship or infeasible for the project to comply with this chapter. Circumstances that constitute hardship or infeasibility may

include, but are not limited to the following:

governing body in a form expressing an annual compliance

percentage derived from the quotient of total compliant

concrete volume placed divided by total concrete volume

(1) There is a lack of commercially available material necessary to comply with this chapter (2) The cost of achieving compliance is disproportionate to the overall cost of the project; (3) Compliance with certain requirements would impair the historic integrity of buildings listed on a local, state or federal list or register of historic structures as regulated by the California Historic Building Code (Title 24, Part 8).

(b) Granting of exemption. If the chief building official determines that it is a hardship or infeasible for the applicant to A4.4-8. fully meet the requirements of this chapter and that granting the requested exemption will not cause the building to fail to comply with the California Building Standards Code, the chief building official shall determine the maximum feasible threshold of compliance reasonably achievable for the project. In making this determination, the chief building official shall consider whether alternate, practical means of achieving the objectives of this chapter can be satisfied. If an exemption is granted, the applicant shall be required to comply with this chapter in all other respects and shall be required to achieve the threshold of compliance determined to be achievable by the chief building official.

(c) Denial of exception. If the chief building official determines that it is reasonably possible for the applicant to fully meet the requirements of this chapter, the request shall be **preconsumer) of each material provided in percentages** denied and the applicant shall be notified of the decision in writing. The project and compliance documentation shall be modified to comply with the standards for compliance.

A4.403.2 Reduction in cement use. As allowed by the enforcing agency, cement used in foundation mix design shall be reduced as

Tier 1. Not less than a 20 percent reduction in cement use.

Note: Products commonly used to replace cement in concrete mix designs include, but are not limited to: 1. Fly ash

Slag. 3. Silica fume. 4. Rice hull ash.

A4.404.3 Building systems. Use premanufactured building systems to eliminate solid sawn lumber whenever possible. One or more of the following premanufactured building systems is used: 1. Composite floor joist or premanufactured floor framing system. 2. Composite roof rafters or premanufactured roof framing

3. Panelized (SIPS, ICF or similar) framing systems. 4. Other methods approved by the enforcing agency.

A4.405.3.1 Recycled content. Use materials, equivalent in performance to virgin materials with a total (combined) recycled content value (RCV) of:

Tier 1. The RCV shall not be less than 10 percent of the total material cost of the project. Required Total RCV (dollars) = Total Material Cost (dollars) × 10 percent (Equation A4. 4-1)

For the purposes of this section, materials used as components of the structural frame shall not be used to calculate recycled content. The structural frame includes the load bearing structural elements, such as wall studs, plates, sills, columns, beams, girders, joists, rafters and trusses.

1. Sample forms which allow user input and automatic calculation are located at http://www.hcd.ca.gov/buildingstandards/calgreen/cal-green-forms.html and may be used to simplify documenting compliance with this section and for

calculating recycled content value of materials or assembly 2. Sources and recycled content of some recycled materials can be obtained from CalRecycle if not provided by the manufacturer.

A4.405.3.1.1 Total material cost. Total material cost is the total estimated or actual cost of materials and assembly products used in the project. The required total recycled content value for the project (in dollars) shall be determined by A4.408.1 Enhanced Construction Waste Reduction. Equation A4.4-1 or Equation A4.4-2. Total material cost shall be calculated by using one of the methods specified below:

1. **Simplified method.** To obtain the total cost of the project multiply the square footage of the residential structure by the square foot valuation established pursuant to the ICC Building Valuation Data (BVD) or other valuation data approved and/or established by the enforcing agency. The total material cost is 45 percent of the total cost of the project. Use Equations A4.4-3A or A4.4-3B to determine total material costs using the simplified method.

Total material costs = Project square footage × square foot valuation × 45 percent (Equation A4.4-3A)

(Equation A4.4-3B)

Total estimated or actual cost of project × 45 percent

2. **Detailed method.** To obtain the total cost of the project, add ceiling tiles, etc.). The total estimated and/or actual costs shall for examination by the enforcing agency.

A4.405.3.1.2 Determination of total recycled content value (RCV). Total RCV may be determined either by dollars or percentage as noted below. 1. Total recycled content value for the project (in dollars). This is the sum of the recycled content value of the materials and/or assemblies consid-ered and shall be determined by Equation A4.4-4. The result of this calculation may be directly compared to Equations A4.4-1 and A4.4-2 to

determine compliance with Tier 1 or Tier 2 prerequisites.

Total Recycled Content Value (dollars) = (RCVM + RCVA) (Equation A4.4-4)

2. Total recycled content value for the project (by percentage). This is expressed as a percent-age of the total material cost and shall be determined by Equation A4.4-4 and Equation A4.4-5. The result of this calculation may be directly compared for compliance with Tier 1 (10 percent) or Tier 2 (15 percent) prerequisites.

Total Recycled Content Value (percent) = [Total Recycled Content Value (dollars) ÷ Total Material Cost (dollars)] × 100 (Equation A4.4-5) A4.405.3.1.3 Determination of recycled content

value of materials (RCVM). The recycled content value of each material (RCVM) is calculated by multiplying the cost of material, as defined by the recycled content. See Equations A4.4-6 and A4.4-7.

RCVM (dollars) = Material cost (dollars) × RC_M

(percent) (Equation A4.4-6) RCM (percent) = Postconsumer content percentage + (1/2) Preconsumer content percentage

1. If the postconsumer and preconsumer recycled content is provided in pounds, Equation A4.4-7 may be used, but the final result (in pounds) must be multiplied by 100 to show RCM as a percentage 2. If the manufacturer reports total recycled content of a material as one percentage in lieu of separately reporting preconsumer and post-consumer values, the total shall be considered preconsumer recycled material.

A4.405.3.1.4 Determination of recycled content value of assemblies - (RCVA). Recycled content value of assemblies is calculated by multiplying the total cost of the assembly by the total recycled content of the assembly (RCA), and shall be determined by Equation

(Equation A4.4-7)

RCVA (dollars) = Assembly cost (dollars) × Total RCA (percent) (Equation A4.4-8)

If not provided by the manufacturer, Total RCA (percent) is the sum (Σ) of the Proportional Recycled Content (PRCM) of each material in the assembly. RCA shall be determined by Equation A4.4-9.

RCA = Σ PRCM (Equation A4.4-9) PRCM of each material may be calculated by one of two

methods using the following formulas:

Method 1: Recycled content (postconsumer and

PRC_M (percent) = Weight of material (percent) × RC_M (percent) (Equation A4.4-10)

Weight of material (percent) = [Weight of material (lbs) ÷ Weight of assembly (lbs)] × 100 (Equation A4.4-11) RC_M (percent) = Postconsumer content

(See Equation A4.4-7) Method 2: Recycled content (postconsumer and preconsumer) provided in pounds

percentage + (1/2) Preconsumer content percentage

PRC_M (percent) = [RC_M (lbs) ÷ Weight of material (lbs)] × 100 (Equation A4.4-12)

RC_M (lbs) = Postconsumer content (lbs) + (1/2) Preconsumer content (lbs) (Equation A4.4-13)

Note: If the manufacturer reports total recycled content of a

material as one percentage in lieu of separately reporting

preconsumer and postconsumer values, the total shall be considered preconsumer recycled material. A4.405.3.1.5 Alternate method for concrete. When Supplementary Cementitious Materials (SCMs), such as fly ash or ground blast furnace slag cement, are used in concrete, an alternate method of calculating and reporting recycled content in concrete products shall be permitted. When determining the

recycled content value, the percent recycled content shall be

multiplied by the cost of the cementitious materials only, not the

total cost of the concrete. **SECTION 4.406** ENHANCED DURABILITY AND REDUCED MAINTENANCE **4.406.1 Rodent proofing.** Annular spaces around pipes, electric cables, conduits or other openings in sole/bottom plates at exterior walls shall be protected against the passage of rodents by closing such openings with cement mortar, concrete masonry or a similar

method acceptable to the enforcing agency. **A4.407.4 Material protection.** Protect building materials delivered to the construction site from rain and other sources

> **SECTION 4.408** CONSTRUCTION WASTE REDUCTION, DISPOSAL AND RECYCLING

PAMC 16.14.250 Section A4.408.1 Enhanced construction waste reduction. Section A4.408.1 of Appendix A4 of the California Green Building Standards Code is adopted as a mandatory measure and is amended to read:

Nonhazardous construction and demolition debris generated at the site is diverted to recycle or salvage in compliance with the

Projects with a given valuation of \$25,000 or more must have at least an 80-percent reduction. Any mixed recyclables that are sent to mixed-waste recycling facilities shall include a qualified third party verified facility average diversion rate. Verification of diversion rates shall meet minimum certification eligibility guidelines, acceptable to the local enforcing agency.

Exceptions:

Commercial stand-alone mechanical, electrical or plumbing **A4.408.1.1 Documentation.** Documentation shall be provided

to the enforcing agency which demonstrates compliance with all

1. Residential stand-alone mechanical, electrical or plumbing

construction and demolition waste reduction requirements. **4.408.2 Construction waste management plan.** Submit a construction waste management plan in conformance with Items 1 through 5. The construction waste management plan shall be updated as necessary and shall be available during construction

to be diverted from disposal by recycling, reuse on the project or salvage for future use or sale. 2. Specify if construction and demolition waste materials will be sorted on-site (source-separated) or bulk mixed (single stream).

1. Identify the construction and demolition waste materials

3. Identify diversion facilities where the construction and demolition waste material will be taken.

4. Identify construction methods employed to reduce the amount of construction and demolition waste generated. 5. Specify that the amount of construction and demolition

waste materials diverted shall be calculated by weight or

4.408.3 Waste management company. Utilize a waste management company, approved by the enforcing agency, which can provide verifiable documentation that the percentage of construction and demolition waste material diverted from the landfill complies with Section 4.408.1.

volume, but not by both.

Note: The owner or contractor may make the determination if the construction and demolition waste materials will be diverted by a waste management company.

4.408.5 Documentation. Documentation shall be provided to the enforcing agency which demonstrates compliance with Section 4.408.2, Items 1 through 5, Section 4.408.3 or Section 4.408.4.

1. Sample forms found in "A Guide to the California Green Building Standards Code (Residential)" located at http://www.hcd.ca.gov/building-stan-dards/calgreen/calgreenform.shtml may be used to assist in documenting compliance with this section. 2. Mixed construction and demolition debris (C&D) processors can be located at the California Department of Resources Recycling and Recovery (CalRecycle).

SECTION 4.410 BUILDING MAINTENANCE AND OPERATION

4.410.1 Operation and maintenance manual. At the time of final inspection, a manual, compact disc, web-based reference or other media acceptable to the enforcing agency which includes all of the following shall be placed in the building: 1. Directions to the owner or occupant that the manual

shall remain with the building throughout the life cycle of the structure. . Operation and maintenance instructions for the following: a. Equipment and appliances, including water-saving devices and systems, HVAC systems, photovoltaic

systems and other major appliances and equipment. b. Roof and yard drainage, including gutters and downspouts. c. Space conditioning systems, including condensers

and air filters.

systems, electric vehicle chargers, water-heating

 d. Landscape irrigation systems. e. Water reuse systems. 3. Information from local utility, water and waste recovery providers on methods to further reduce resource

4. Public transportation and/or carpool options available in the area. 5. Educational material on the positive impacts of an interior relative humidity between 30-60 percent and what

consumption, including recycle programs and locations.

methods an occupant may use to maintain the relative humidity level in that range. 6. Information about water-conserving landscape and irrigation design and controllers which conserve water. 7. Instructions for maintaining gutters and downspouts

4.505.1 General. Buildings shall meet or exceed the provisions of and the importance of diverting water at least 5 feet away from the foundation. Information on required routine maintenance measures including, but not limited to, caulking, painting, grading

9. Information about state solar energy and incentive programs available. 10. A copy of all special inspection verifications required

Division 4.5 – ENVIRONMENTAL QUALITY

around the building, etc.

by the enforcing agency or this code.

SECTION 4.504 POLLUTANT CONTROL

4.504.1 Covering of duct openings and protection of mechanical equipment during construction. At the time of rough installation, during storage on the construction site and until final startup of the heating, cooling and ventilating equipment, all duct and other related air distribution component openings shall be covered with tape, plastic, sheetmetal or other methods acceptable to the enforcing agency to reduce the amount of water, dust and debris, which may enter the system.

A4.504.1 Compliance with formaldehyde limits. Use composite wood products made with either California Air Resources Board approved no-added formaldehyde (NAF) resins or ultra-low emitting formaldehyde (ULEF) resins.

Note: Documentation must be provided that verifies that finish materials are certified to meet the pollutant emission limits.

A4.504.2 Resilient flooring systems. Resilient flooring systems installed in the building shall meet the percentages specified in this section and meet the requirements of the California Department of Public Health, "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers," Version 1.2, January 2017 (Emission testing method for California Specification 01350).

See California Department of Public Health's website for certification programs and testing labs. https://www.cdph.ca.gov/Programs/CCDPHP/DEODC/EHLB/IAQ/

Pages/VOC.aspx

Tier 1. At least 90 percent of the total area of resilient flooring installed shall comply. **Note:** Documentation must be provided that verifies that finish

materials are certified to meet the pollutant emission limits in this **4.504.2 Finish material pollutant control**. Finish materials shall

comply with this section. **4.504.2.1 Adhesives, sealants and caulks.** Adhesives, sealants and caulks used on the project shall meet the requirements of the following standards unless more stringent local or regional air

1. Adhesives, adhesive bonding primers, adhesive primers, sealants, sealant primers, and caulks shall comply with local or regional air pollution control or air quality management district rules where applicable or SCAQMD Rule 1168 VOC limits, as shown in Table 4.504.1 or 4.504.2, as applicable. Such products also shall comply with the Rule 1168 prohibition on the use of certain toxic compounds (chloroform, ethylene dichloride, methylene chloride, perchloroethylene and trichloroethylene), except for aerosol products, as specified in

pollution or air quality management district rules apply:

2. Aerosol adhesives, and smaller unit sizes of adhesives, and sealant or caulking compounds (in units of product, less packaging, which do not weigh more than 1 pound and do not consist of more than 16 fluid ounces) shall comply with statewide VOC standards and other requirements, including prohibitions on use of certain toxic compounds, of California Code of Regulations, Title 17, commencing with Section

4.504.2.2 Paints and coatings. Architectural paints and coatings shall comply with VOC limits in Table 1 of the ARB Architectural Suggested Control Measure, as shown in Table 4.504.3, unless more stringent local limits apply. The VOC content limit for coatings that do not meet the definitions for the specialty coatings categories listed in Table 4.504.3 shall be determined by classifying the coating as a Flat, Nonflat or Nonflat-high Gloss coating, based on its gloss, as defined in subsections 4.21, 4.36, and 4.37 of the 2007 California Air Resources Board, Suggested Control Measure, and the corresponding Flat, Nonflat or Non-flathigh Gloss VOC limit in Table 4.504.3 shall apply.

4.504.2.3 Aerosol paints and coatings. Aerosol paints and coatings shall meet the Product-weighted MIR Limits for ROC in Section 94522(a)(2) and other requirements, including prohibitions on use of certain toxic compounds and ozone depleting substances, in Sections 94522(e)(1) and (f)(1) of California Code of Regulations, Title 17, commencing with Section 94520; and in areas under the jurisdiction of the Bay Area Air Quality

4.504.2.4 Verification. Verification of compliance with this section shall be provided at the request of the enforcing agency. Documentation may include, but is not limited to, the following: 1. Manufacturer's product specification.

Management District additionally comply with the percent VOC by

2. Field verification of on-site product containers.

weight of product limits of Regulation 8, Rule 49.

4.504.3 Carpet systems. All carpet installed in the building interior shall meet the testing and product requirements of one of the 1. Carpet and Rug Institute's Green Label Plus Program. 2. California Department of Public Health, "Standard

Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers," Version 1.1, February 2010 (also known as Specification 01350.) 3. NSF/ANSI 140 at the Gold level. 4. Scientific Certifications Systems Indoor Advantage™

building interior shall meet the requirements of the Carpet and Rug Institute's Green Label program. **4.504.3.2 Carpet adhesive.** All carpet adhesive shall meet the

4.504.3.1 Carpet cushion. All carpet cushion installed in the

4.504.5 Composite wood products. Hardwood plywood, particleboard and medium density fiberboard composite wood products used on the interior or exterior of the building shall meet the requirements for formaldehyde as specified in ARB's Air Toxics Control Measure for Composite Wood (17 CCR 93120 et seq.), by or before the dates specified in those sections, as shown in Table 4.504.5.

requirements of Table 4.504.1

4.504.5.1 Documentation. Verification of compliance with this section shall be provided as requested by the enforcing agency. Documentation shall include at least one of the

following Product certifications and specifications. 2. Chain of custody certifications. 3. Product labeled and invoiced as meeting the Composite Wood Products regulation (see CCR, Title 17, Section 93120, et seq.).

4. Exterior grade products marked as meeting the PS-1 or PS 2 standards of the Engineered Wood Association, the Australian AS/NZS 2269, European 6363S, and Canadian CSA O121, CSA O151, CSA O153 and CSA O325 standards. Other methods acceptable to the enforcing agency.

> **SECTION 4.505** INTERIOR MOISTURE CONTROL

4.505.2 Concrete slab foundations. Concrete slab foundations required to have a vapor retarder by the California Building Code, Chapter 19 or concrete slab-on-ground floors required to have a vapor retarder by the California Residential Code, Chapter 5, shall

the California Building Standards Code.

also comply with this section.

4.505.2.1 Capillary break. A capillary break shall be installed in compliance with at least one of the following: 1. A 4-inch-thick (101.6 mm) base of 1/2 inch (12.7 mm) or larger clean aggregate shall be provided with a vapor retarder in direct contact with concrete and a concrete mix design, which will address bleeding, shrinkage, and curling, shall be used. For additional information, see American Concrete Institute, ACI 302.2R-06. 2. Other equivalent methods approved by the enforcing

3. A slab design specified by a licensed design

1. Moisture content shall be determined with either a probe

3. At least three random moisture readings shall be

products shall follow the manufacturers' drying

each piece to be verified.

professional. 4.505.3 Moisture content of building materials. Building materials with visible signs of water damage shall not be installed. Wall and floor framing shall not be enclosed when the framing members exceed 19-percent moisture content. Moisture content shall be verified in compliance with the following:

> verification methods may be approved by the enforcing agency and shall satisfy requirements found in Section 101.8 of this code. 2. Moisture readings shall be taken at a point 2 feet (610 mm) to 4 feet (1219 mm) from the grade stamped end of

type or contact-type moisture meter. Equivalent moisture

acceptable to the enforcing agency provided at the time of approval to enclose the wall and floor framing. Insulation products which are visibly wet or have a high moisture content shall be replaced or allowed to dry prior to enclosure in wall or floor cavities. Wet-applied insulation

performed on wall and floor framing with documentation

recommendations prior to enclosure. **SECTION 4.506**

INDOOR AIR QUALITY AND EXHAUST 4.506.1 Bathroom exhaust fans. Each bathroom shall be

mechanically ventilated and shall comply with the following: 1. Fans shall be ENERGY STAR compliant and be ducted to terminate outside the building. 2. Unless functioning as a component of a whole house

ventilation system, fans must be controlled by a humidity

a. Humidity controls shall be capable of adjustment between a relative humidity range of ≤ 50 percent to a maximum of 80 percent. A humidity control may utilize manual or automatic means of adjustment.

the exhaust fan and is not required to be integral (i.e., 1. For the purposes of this section, a bathroom is a room which contains a bathtub, shower, or tub/ shower

b. A humidity control may be a separate component to

combination 2. Lighting integral to bathroom exhaust fans shall comply with the California Energy Code.

SECTION 4.507 ENVIRONMENTAL COMFORT

4.507.2 Heating and air-conditioning system design. Heating and air-conditioning systems shall be sized, designed and hav

their equipment selected using the following methods:

Calculation), ASHRAE handbooks or other equivalent design software or methods. 2. Duct systems are sized according to ANSI/ACCA 1 Manual D-2016 (Residential Duct Systems), ASHRAE handbooks or other equivalent design software or methods.

3. Select heating and cooling equipment according to

ANSI/ACCA 3 Manual S—2014 (Residential Equipment

Selection) or other equivalent design software or methods.

The heat loss and heat gain is established according to

ANSI/ACCA 2 Manual J—2016 (Residential Load

Exception: Use of alternate design temperatures necessary to ensure the systems function are acceptable.

Section 4.509 of Chapter 4 of the California Green Building Standards Code is added to read: 4.509 Water heater replacement. For existing residential building

remodels or additions where the gas water heater is replaced or

new water heater is added, the new water heater shall be a heat

16.14.110 Section 4.509 Water heater replacement.

pump water heater (HPWH).

RESIDENTIAL MANDATORY MEASURES

Nonporous

Marine deck

Modified bituminous

TABLE 4.504.1

ADHESIVE VOC LIMIT^{1, 2}

Less Water and Less Exempt Compounds in Grams per Liter

ARCHITECTURAL APPLICATION	NS VOC LIMIT	Less Water and Less Exempt Con		
Indoor carpet adhesives	50	COATING CATEGORY	VOC LIMIT	
Carpet pad adhesives	50	Flat coatings	50	
Outdoor carpet adhesives	150	Nonflat coatings	100	
Wood flooring adhesive	100	Nonflat-high gloss coatings	150	
Rubber floor adhesives	60	SPECIALTY COATINGS		
Subfloor adhesives	50	Aluminum roof coatings	400	
Ceramic tile adhesives	65	Basement specialty coatings	400	
VCT and asphalt tile adhesives	50	Bituminous roof coatings	50	
Drywall and panel adhesives	50	Bituminous roof primers	350	
Cove base adhesives	50	Bond breakers	350	
Multipurpose construction adhesive	es 70	Concrete curing compounds	350	
Structural glazing adhesives	100	Concrete/masonry sealers	100	
Single-ply roof membrane adhesive	es 250	Driveway sealers	50	
Other adhesives not specifically lis	ited 50	Dry fog coatings	150	
SPECIALTY APPLICATIONS		Faux finishing coatings	350	
PVC welding	510	Fire resistive coatings	350	
CPVC welding	490	Floor coatings	100	
ABS welding	325	Form-release compounds	250	
Plastic cement welding	250	Graphic arts coatings (sign paints)	500	
Adhesive primer for plastic	550	High temperature coatings	420	
Contact adhesive	80	Industrial maintenance coatings	250	
Special purpose contact adhesive	250	Low solids coatings ¹	120	
Structural wood member adhesive	140	Magnesite cement coatings	450	
Гор and trim adhesive	250	Mastic texture coatings	100	
SUBSTRATE SPECIFIC APPLICAT		Metallic pigmented coatings	500	
Metal to metal	30	Multicolor coatings	250	
Plastic foams	50	Pretreatment wash primers	420	
Porous material (except wood)	50	Primers, sealers, and undercoaters	100	
Wood	30	Reactive penetrating sealers	350	
Fiberglass	80	Recycled coatings	250	
. If an adhesive is used to bond dissim	nilar substrates together, the adhesive	Roof coatings	50	
with the highest VOC content shall b		Rust preventative coatings	250	
2. For additional information regarding		Shellacs		
specified in this table, see South Coast 1168.	Air Quality Management District Rule	Clear	730	
		Opaque	550	
TABLE 4 SEALANT V		Specialty primers, sealers and undercoaters	100	
Less Water and Less Exempt C		Stains	250	
SEALANTS	VOC LIMIT	Stone consolidants	450	
Architectural	250	Swimming pool coatings	340	
Marine deck	760	Traffic marking coatings	100	
Nonmembrane roof	300	Tub and tile refinish coatings	420	
Roadway	250	Waterproofing membranes	250	
Single-ply roof membrane	450	Wood coatings	275	
		Wood preservatives	350	
Other	420	Zinc-rich primers	340	
SEALANT PRIMERS		1. Grams of VOC per liter of coating, including wate	r and including e	
Architectural		compounds.	. and merdaing t	
Nonporous	250	•		

subsequent columns in the table.

TABLE 4.504.3

VOC CONTENT LIMITS FOR ARCHITECTURAL COATINGS^{2, 5}

Grams of VOC per Liter of Coating,

2019 CALIFORNIA GREEN BUILDING STANDARDS CODE

TABLE 4.504.5

0.13

2. The specified limits remain in effect unless revised limits are listed in

. Values in this table are derived from those specified by the California Air

Resources Board, Architectural Coatings Suggested Control Measure,

February 1, 2008. More information is available from the Air Resources Board.

FORMALDEHYDE LIMITS¹ Maximum Formaldehyde Emissions in Parts per Million **CURRENT LIMIT** dwood plywood veneer core 0.05 0.05 ardwood plywood composite core 0.09 Particleboard Medium density fiberboard 0.11

1. Values in this table are derived from those specified by the California Air Resources Board, Air Toxics Control Measure for Composite Wood as tested in accordance with ASTM E1333. For additional information, see California Code of Regulations, Title 17, Sections 93120 through 93120.12. 2. Thin medium density fiberboard has a maximum thickness of $\frac{5}{16}$ inch (8 mm).

Thin medium density fiberboard²

Table A4.403.2.3 Cement and Embodied Carbon Limit Pathways or use with any compliance for use with any compliance method A4.403.2.3.2 to method A4.403.2.3.2 to Maximum ordinary Portland CO₂e/m³, per EPD cement content, lbs/yd³ (2) 3000 5000 5000 light weight

(1) For concrete strengths between the stated values, use linear interpretation to determine

ement and/or embodied carbon limits.

(2) Portland cement of any type per ASTM C150.

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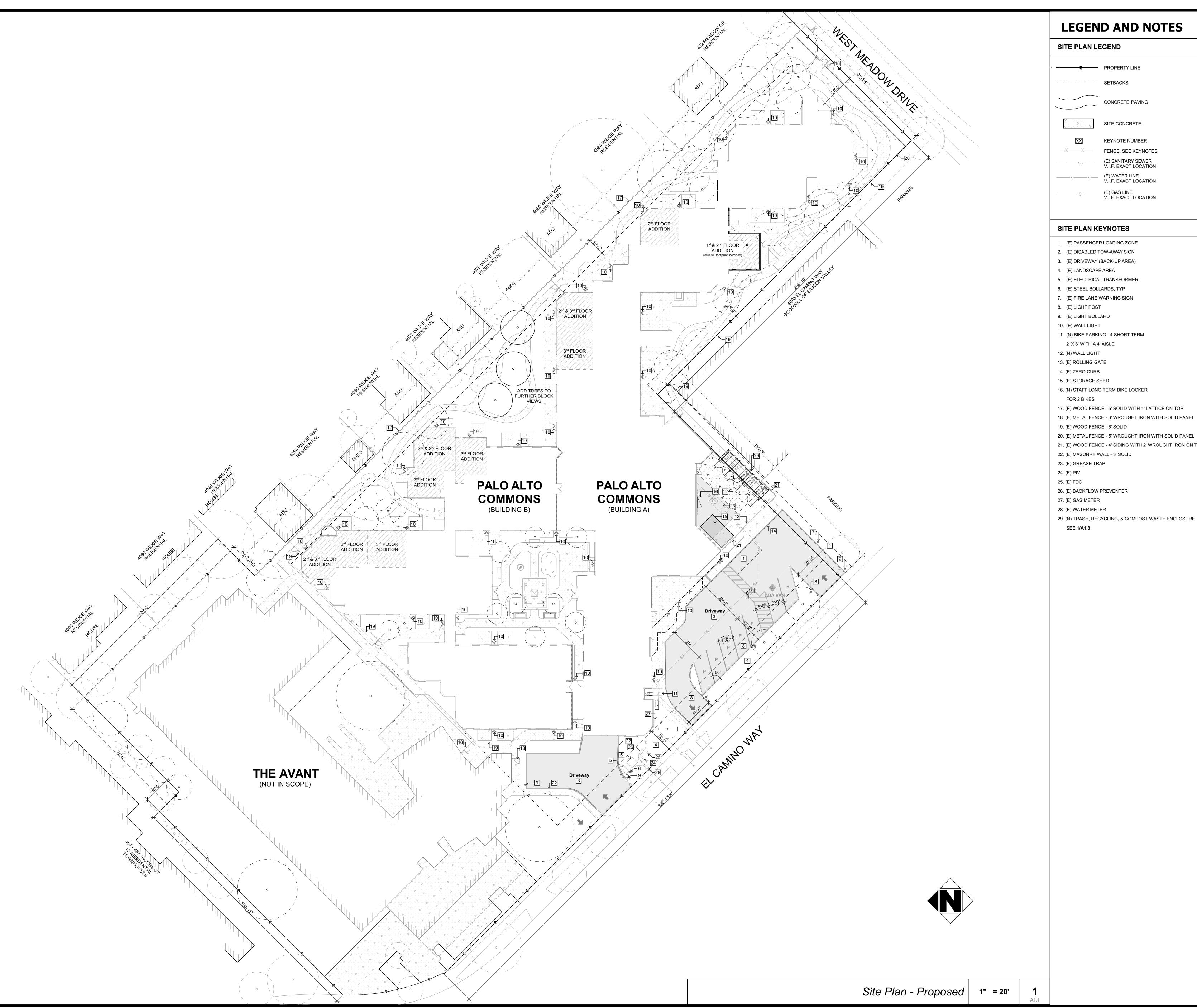
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SITE PLAN LEGEND

--- PROPERTY LINE ---- SETBACKS CONCRETE PAVING

SITE CONCRETE

KEYNOTE NUMBER FENCE. SEE KEYNOTES (E) SANITARY SEWER V.I.F. EXACT LOCATION (E) WATER LINE V.I.F. EXACT LOCATION (E) GAS LINE V.I.F. EXACT LOCATION

SITE PLAN KEYNOTES

- 1. (E) PASSENGER LOADING ZONE
- 2. (E) DISABLED TOW-AWAY SIGN
- 5. (E) ELECTRICAL TRANSFORMER
- 6. (E) STEEL BOLLARDS, TYP.
- 7. (E) FIRE LANE WARNING SIGN
- 9. (E) LIGHT BOLLARD
- 11. (N) BIKE PARKING 4 SHORT TERM
- 2' X 6' WITH A 4' AISLE

- 16. (N) STAFF LONG TERM BIKE LOCKER
- 17. (E) WOOD FENCE 5' SOLID WITH 1' LATTICE ON TOP
- 18. (E) METAL FENCE 6' WROUGHT IRON WITH SOLID PANEL
- 21. (E) WOOD FENCE 4' SIDING WITH 2' WROUGHT IRON ON TOP
- 22. (E) MASONRY WALL 3' SOLID

- 29. (N) TRASH, RECYCLING, & COMPOST WASTE ENCLOSURE

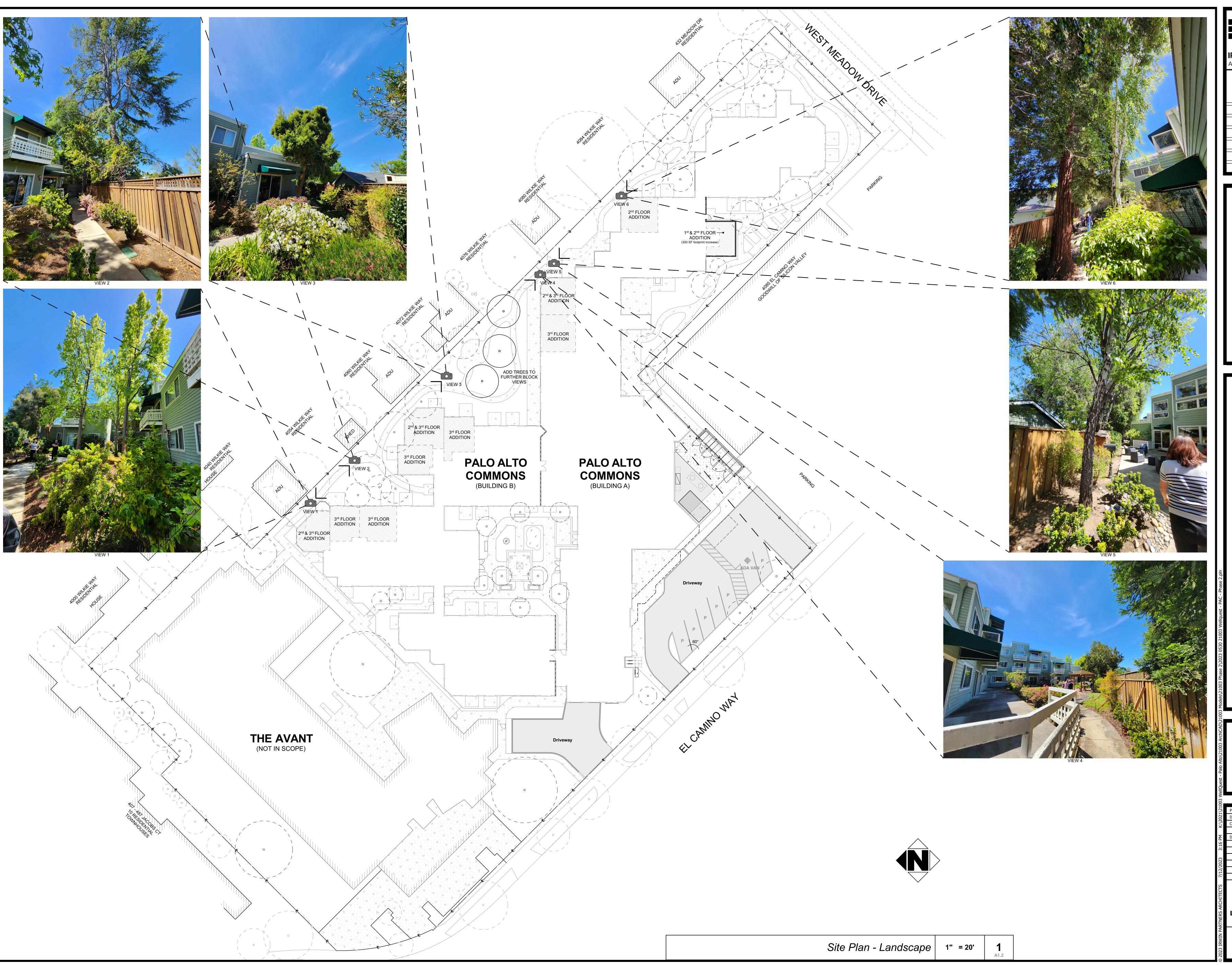
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Mellquest Living

No. C 29539 *

No. C 29539 *

PROJECT: 21003

PROJECT: 21003

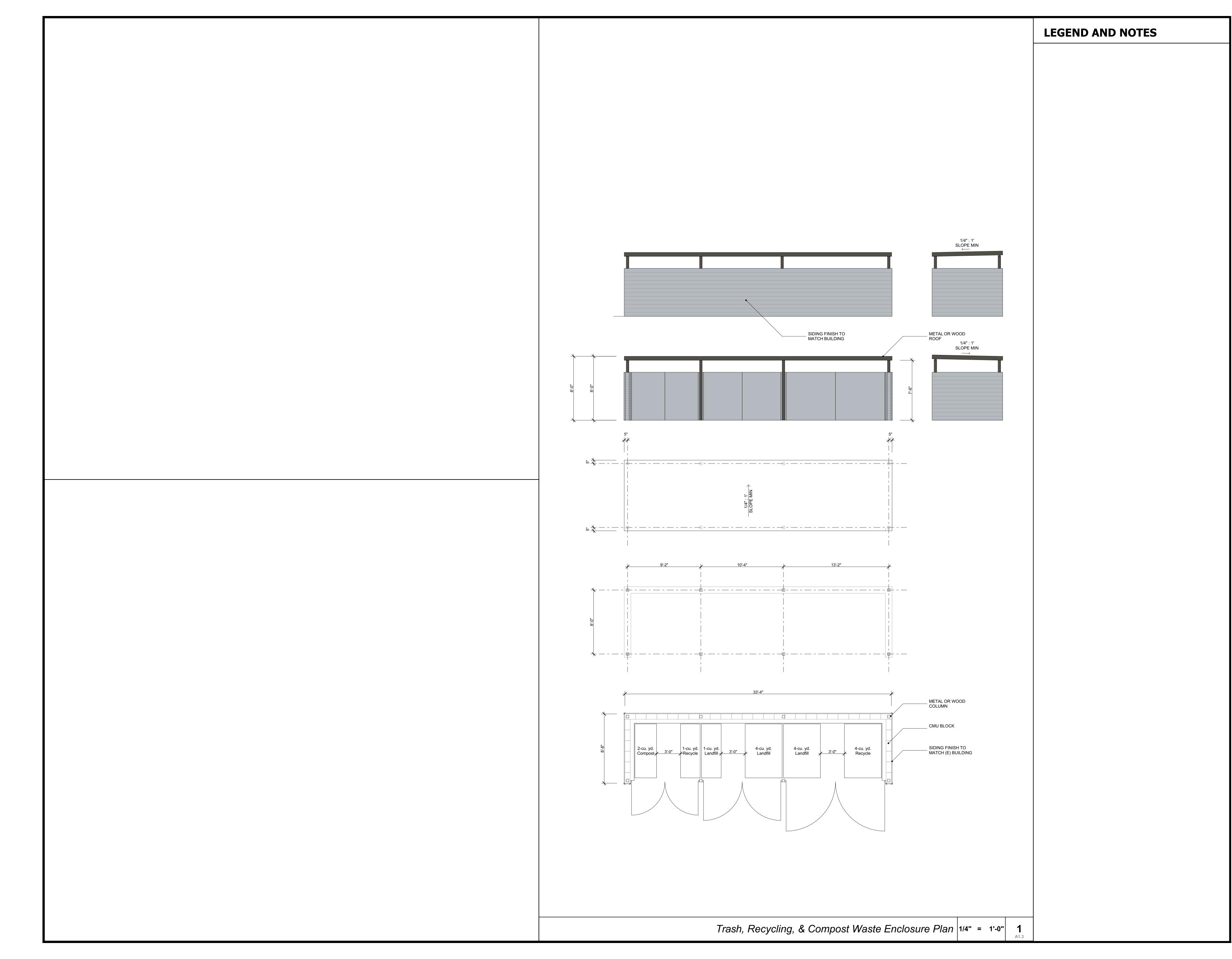
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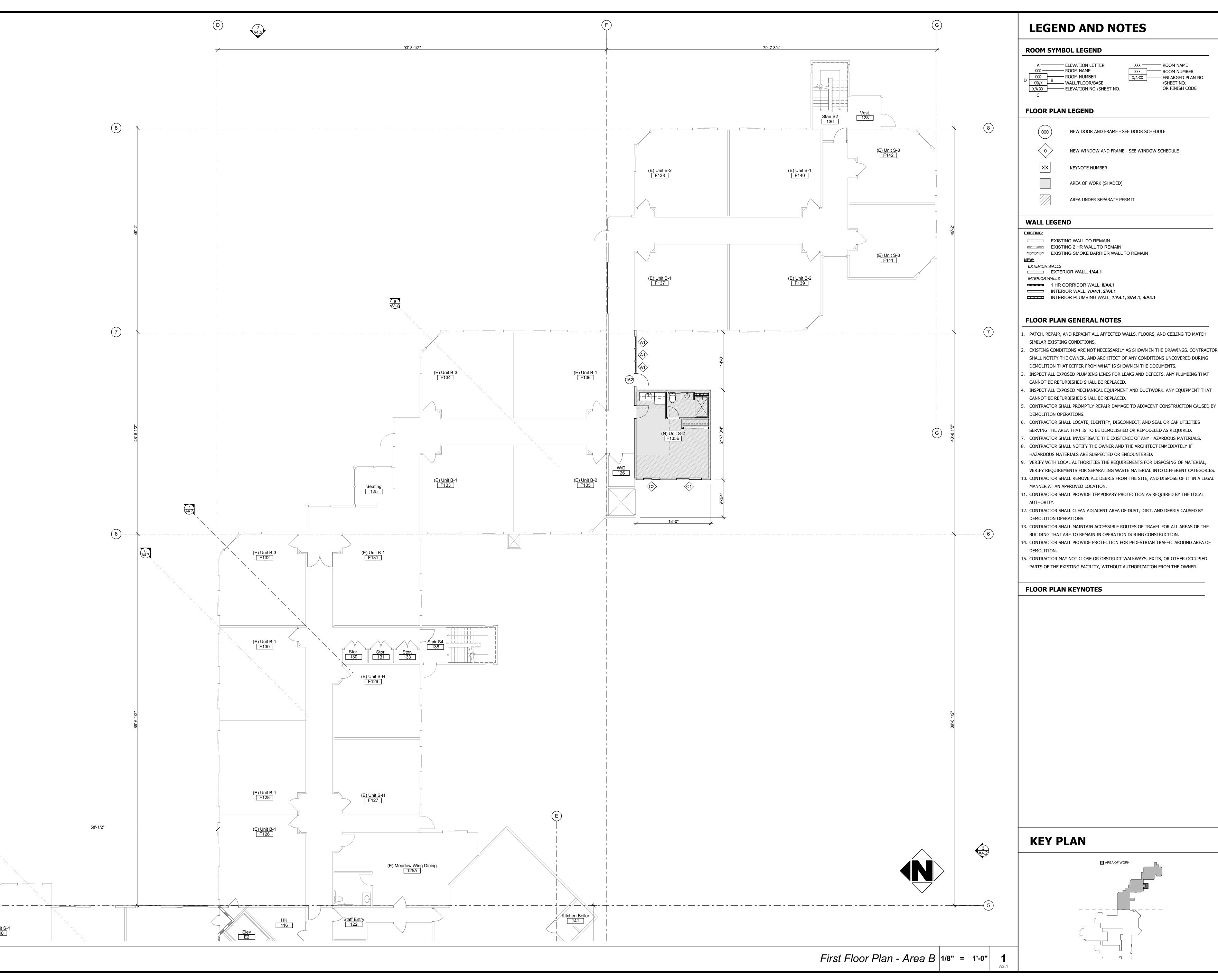
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7/12/2023						
ARTNERS ARCHITECTS	Trash, Recycling, & Compost Waste Enclosure					



ROOM SYMBOL LEGEND

A ELEVATION LETTER XXX — ROOM NAME D XXX B ROOM NUMBER WALL/FLOOR/BASE X/A-XX ELEVATION NO./SHEET NO.

XXX ---- ROOM NAME XXX ____ ROOM NUMBER X/A-XX ENLARGED PLAN NO. /SHEET NO. OR FINISH CODE

FLOOR PLAN LEGEND

NEW DOOR AND FRAME - SEE DOOR SCHEDULE

NEW WINDOW AND FRAME - SEE WINDOW SCHEDULE KEYNOTE NUMBER

AREA OF WORK (SHADED)

AREA UNDER SEPARATE PERMIT

EXISTING WALL TO REMAIN EXISTING 2 HR WALL TO REMAIN

EXTERIOR WALL, 1/A4.1

1 HR CORRIDOR WALL, 8/A4.1 ——— INTERIOR WALL, **7/A4.1, 2/A4.1**

FLOOR PLAN GENERAL NOTES

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- SHALL NOTIFY THE OWNER, AND ARCHITECT OF ANY CONDITIONS UNCOVERED DURING DEMOLITION THAT DIFFER FROM WHAT IS SHOWN IN THE DOCUMENTS.
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FLOOR PLAN KEYNOTES

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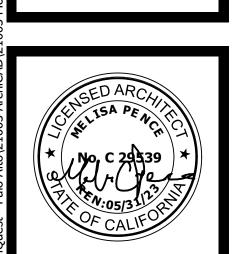
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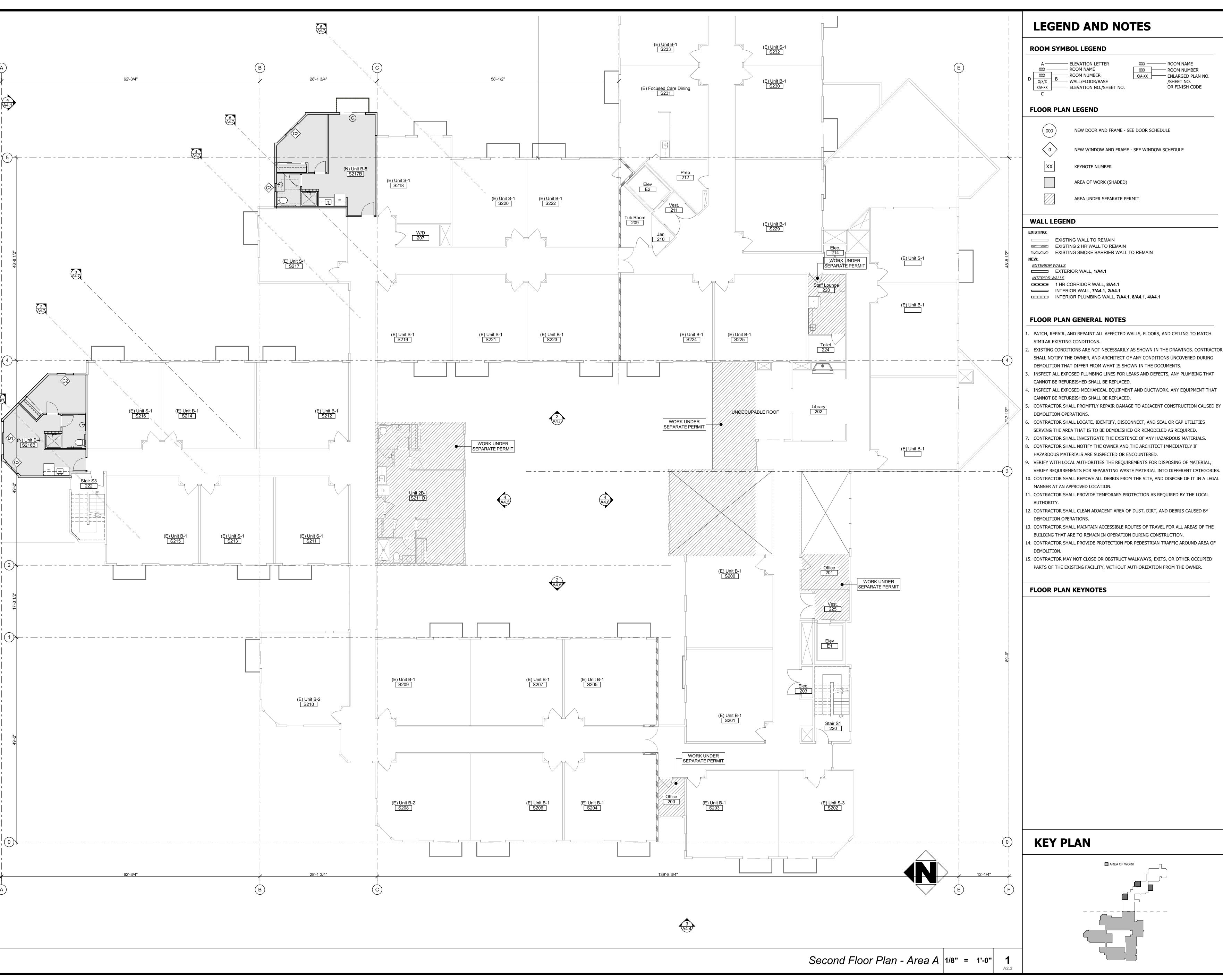
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DRAWING DESCRIPTION First Floor Plan Area



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FLOOR PLAN LEGEND

NEW DOOR AND FRAME - SEE DOOR SCHEDULE

KEYNOTE NUMBER

AREA OF WORK (SHADED)

AREA UNDER SEPARATE PERMIT

EXISTING WALL TO REMAIN EXISTING 2 HR WALL TO REMAIN

1 HR CORRIDOR WALL, 8/A4.1

——— INTERIOR WALL, **7/A4.1, 2/A4.1** INTERIOR PLUMBING WALL, **7/A4.1, 8/A4.1, 4/A4.1**

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FLOOR PLAN KEYNOTES

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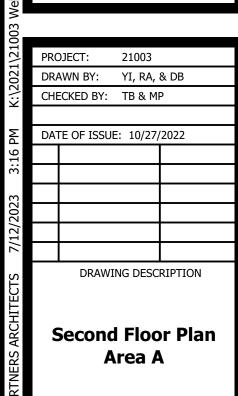
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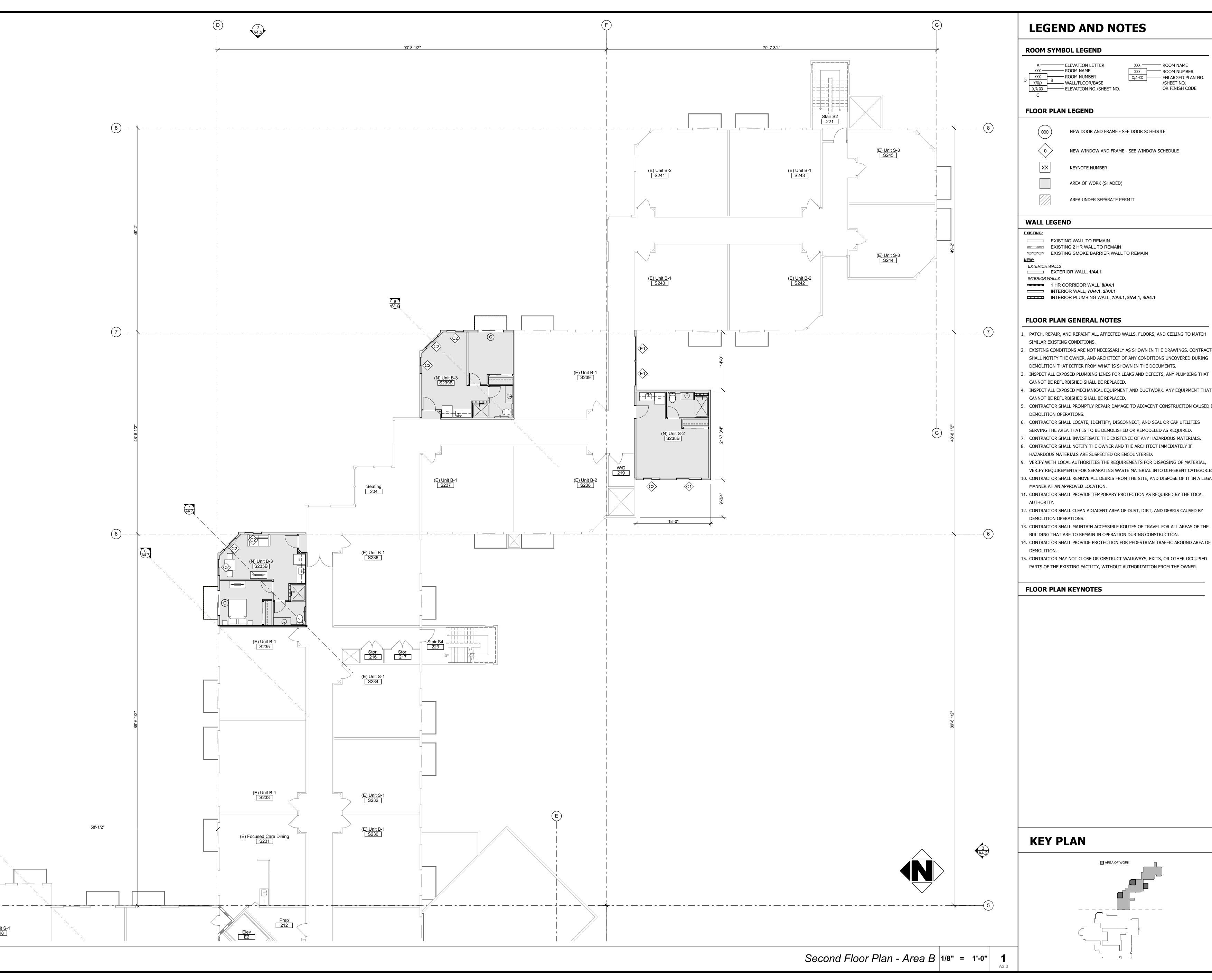
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ROOM SYMBOL LEGEND

A ELEVATION LETTER XXX — ROOM NAME D XXX B ROOM NUMBER
WALL/FLOOR/BASE X/A-XX ELEVATION NO./SHEET NO.

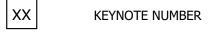
XXX ---- ROOM NAME XXX ____ ROOM NUMBER X/A-XX ENLARGED PLAN NO. /SHEET NO. OR FINISH CODE

FLOOR PLAN LEGEND

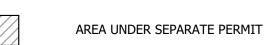
NEW DOOR AND FRAME - SEE DOOR SCHEDULE



NEW WINDOW AND FRAME - SEE WINDOW SCHEDULE



AREA OF WORK (SHADED)



EXISTING WALL TO REMAIN EXISTING 2 HR WALL TO REMAIN

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1 HR CORRIDOR WALL, 8/A4.1

INTERIOR PLUMBING WALL, 7/A4.1, 8/A4.1, 4/A4.1

FLOOR PLAN GENERAL NOTES

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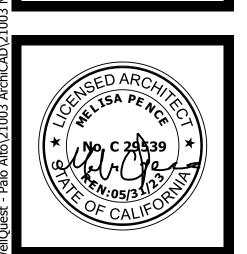
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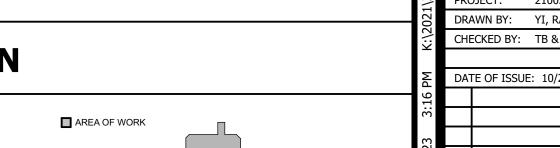
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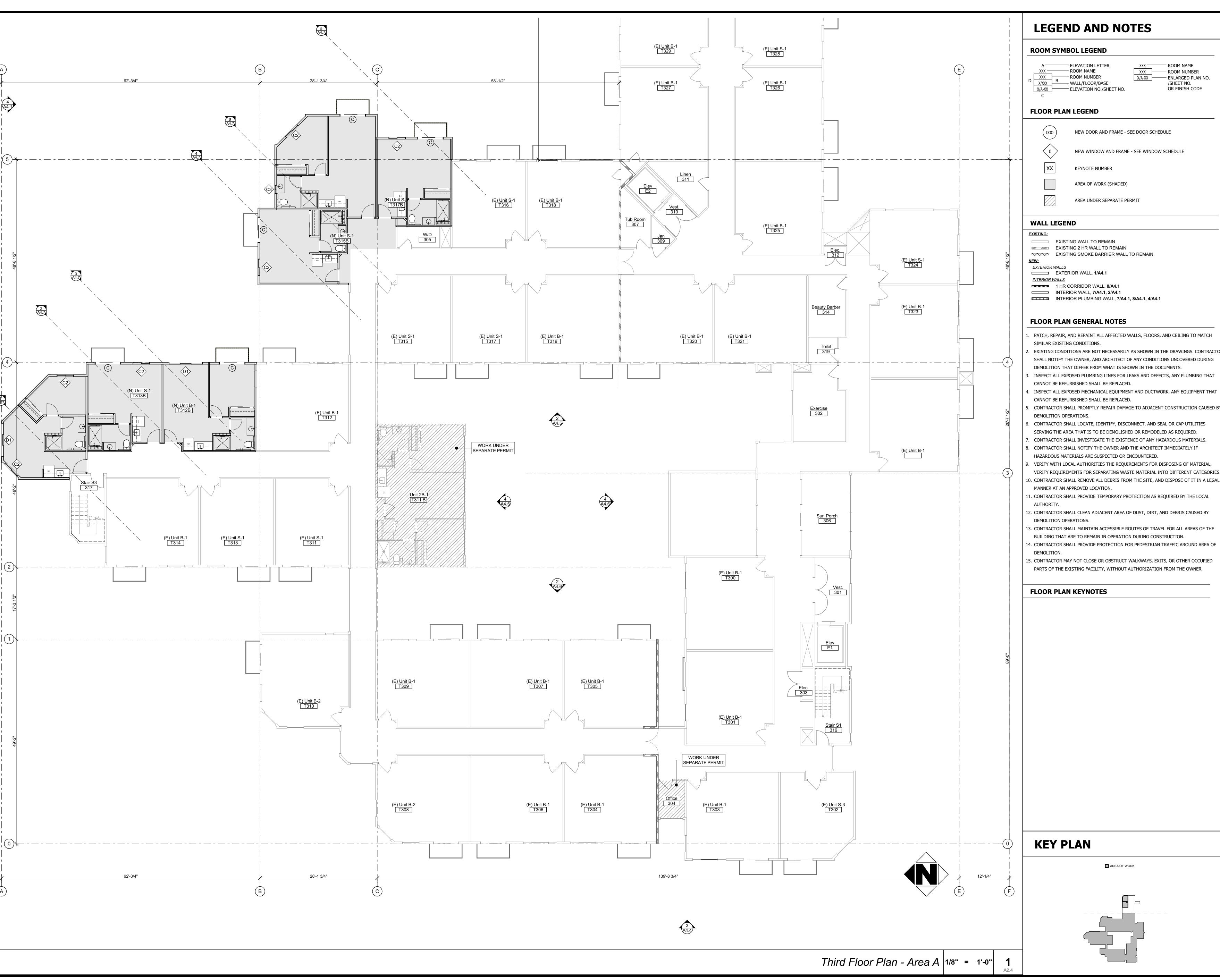
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DRAWING DESCRIPTION

Second Floor Plan Area B





ROOM SYMBOL LEGEND

A ELEVATION LETTER XXX — ROOM NAME XXX ROOM NUMBER D X/X/X B WALL/FLOOR/BASE X/A-XX ELEVATION NO./SHEET NO.

XXX ROOM NUMBER X/A-XX ENLARGED PLAN NO. /SHEET NO. OR FINISH CODE

FLOOR PLAN LEGEND

NEW DOOR AND FRAME - SEE DOOR SCHEDULE

KEYNOTE NUMBER

AREA OF WORK (SHADED)

AREA UNDER SEPARATE PERMIT

EXISTING WALL TO REMAIN EXISTING 2 HR WALL TO REMAIN

EXTERIOR WALL, 1/A4.1

1 HR CORRIDOR WALL, 8/A4.1 ——— INTERIOR WALL, **7/A4.1, 2/A4.1**

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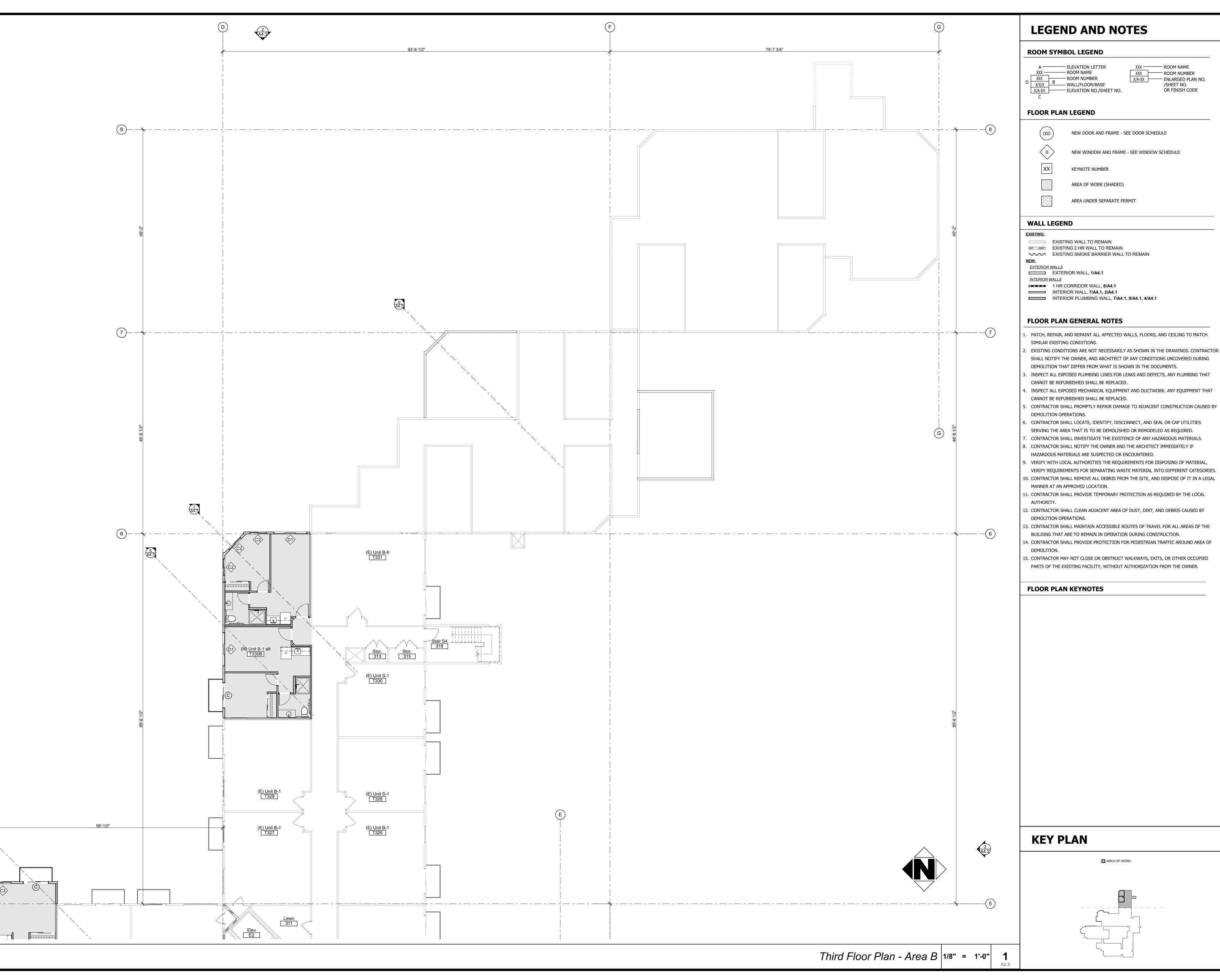
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Third Floor Plan



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XXX ---- ROOM NAME XXX ROOM NUMBER

X/A-XX ENLARGED PLAN NO. /SHEET NO. OR FINISH CODE

FLOOR PLAN LEGEND

NEW DOOR AND FRAME - SEE DOOR SCHEDULE

NEW WINDOW AND FRAME - SEE WINDOW SCHEDULE

KEYNOTE NUMBER

AREA OF WORK (SHADED)

AREA UNDER SEPARATE PERMIT

EXISTING WALL TO REMAIN EXISTING 2 HR WALL TO REMAIN EXISTING SMOKE BARRIER WALL TO REMAIN

EXTERIOR WALL, 1/A4.1

——— INTERIOR WALL, **7/A4.1, 2/A4.1** INTERIOR PLUMBING WALL, **7/A4.1, 8/A4.1, 4/A4.1**

FLOOR PLAN GENERAL NOTES

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AREA OF WORK

FLOOR PLAN KEYNOTES

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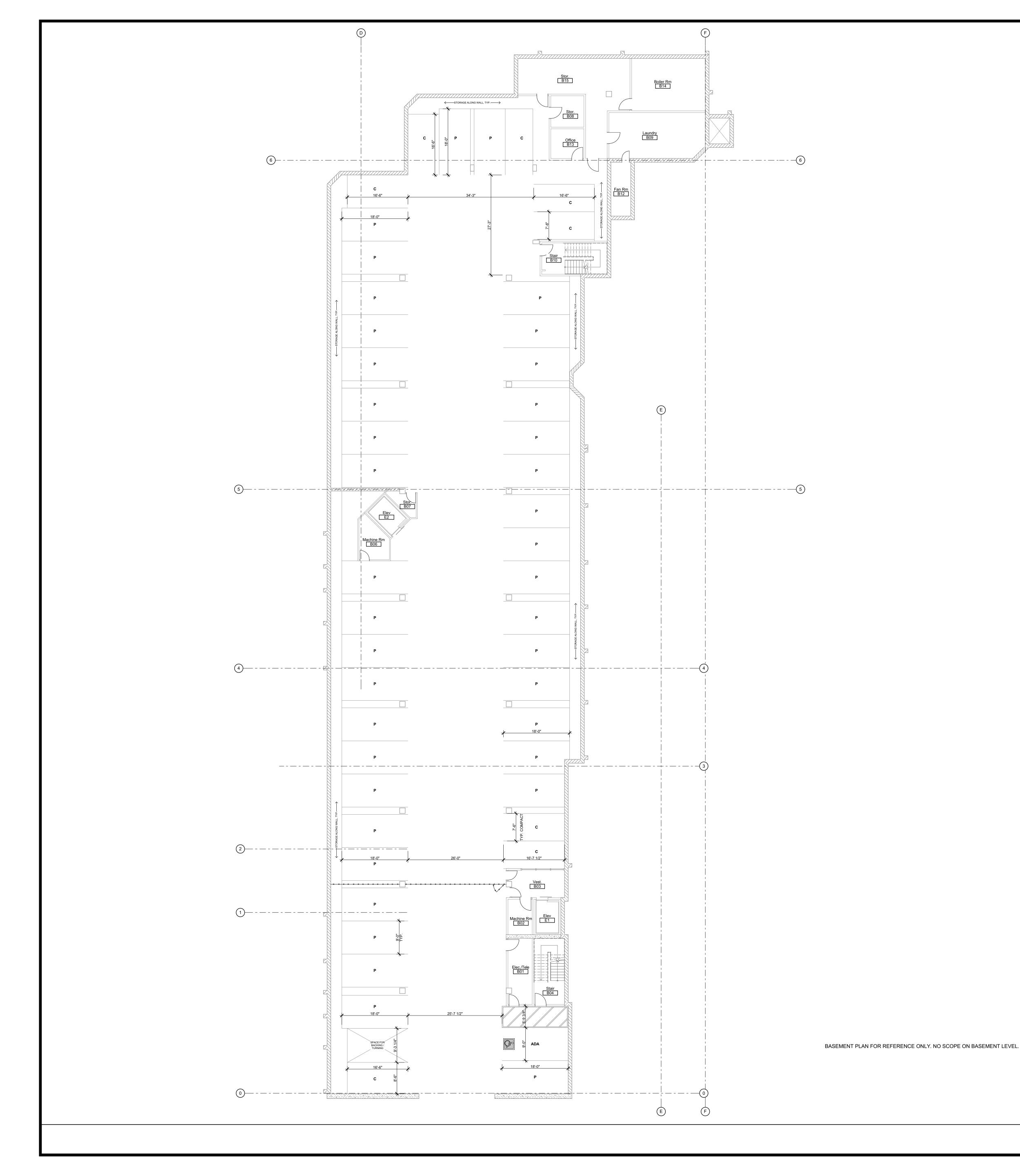
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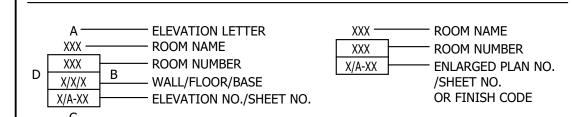


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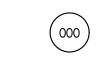




ROOM SYMBOL LEGEND



FLOOR PLAN LEGEND



NEW DOOR AND FRAME - SEE DOOR SCHEDULE

NEW WINDOW AND FRAME - SEE WINDOW SCHEDULE

/SHEET NO. OR FINISH CODE

KEYNOTE NUMBER

AREA OF WORK (SHADED) AREA UNDER SEPARATE PERMIT

WALL LEGEND

EXISTING:

EXISTING WALL TO REMAIN EXISTING 2 HR WALL TO REMAIN EXISTING SMOKE BARRIER WALL TO REMAIN EXTERIOR WALLS EXTERIOR WALL, 1/A4.1 **INTERIOR WALLS**

1 HR CORRIDOR WALL, 8/A4.1 ——— INTERIOR WALL, **7/A4.1, 2/A4.1** INTERIOR PLUMBING WALL, **7/A4.1, 8/A4.1, 4/A4.1**

FLOOR PLAN GENERAL NOTES

- . PATCH, REPAIR, AND REPAINT ALL AFFECTED WALLS, FLOORS, AND CEILING TO MATCH SIMILAR EXISTING CONDITIONS.
- EXISTING CONDITIONS ARE NOT NECESSARILY AS SHOWN IN THE DRAWINGS. CONTRACTOR SHALL NOTIFY THE OWNER, AND ARCHITECT OF ANY CONDITIONS UNCOVERED DURING DEMOLITION THAT DIFFER FROM WHAT IS SHOWN IN THE DOCUMENTS.
- INSPECT ALL EXPOSED PLUMBING LINES FOR LEAKS AND DEFECTS, ANY PLUMBING THAT CANNOT BE REFURBISHED SHALL BE REPLACED.
- . INSPECT ALL EXPOSED MECHANICAL EQUIPMENT AND DUCTWORK. ANY EQUIPMENT THAT CANNOT BE REFURBISHED SHALL BE REPLACED.
- 5. CONTRACTOR SHALL PROMPTLY REPAIR DAMAGE TO ADJACENT CONSTRUCTION CAUSED BY DEMOLITION OPERATIONS.
- . CONTRACTOR SHALL LOCATE, IDENTIFY, DISCONNECT, AND SEAL OR CAP UTILITIES SERVING THE AREA THAT IS TO BE DEMOLISHED OR REMODELED AS REQUIRED.
- CONTRACTOR SHALL INVESTIGATE THE EXISTENCE OF ANY HAZARDOUS MATERIALS.
- CONTRACTOR SHALL NOTIFY THE OWNER AND THE ARCHITECT IMMEDIATELY IF HAZARDOUS MATERIALS ARE SUSPECTED OR ENCOUNTERED.
- . VERIFY WITH LOCAL AUTHORITIES THE REQUIREMENTS FOR DISPOSING OF MATERIAL, VERIFY REQUIREMENTS FOR SEPARATING WASTE MATERIAL INTO DIFFERENT CATEGORIES.
- 10. CONTRACTOR SHALL REMOVE ALL DEBRIS FROM THE SITE, AND DISPOSE OF IT IN A LEGAL MANNER AT AN APPROVED LOCATION.
- 11. CONTRACTOR SHALL PROVIDE TEMPORARY PROTECTION AS REQUIRED BY THE LOCAL
- 12. CONTRACTOR SHALL CLEAN ADJACENT AREA OF DUST, DIRT, AND DEBRIS CAUSED BY DEMOLITION OPERATIONS.
- 13. CONTRACTOR SHALL MAINTAIN ACCESSIBLE ROUTES OF TRAVEL FOR ALL AREAS OF THE BUILDING THAT ARE TO REMAIN IN OPERATION DURING CONSTRUCTION.
- 14. CONTRACTOR SHALL PROVIDE PROTECTION FOR PEDESTRIAN TRAFFIC AROUND AREA OF
- 15. CONTRACTOR MAY NOT CLOSE OR OBSTRUCT WALKWAYS, EXITS, OR OTHER OCCUPIED PARTS OF THE EXISTING FACILITY, WITHOUT AUTHORIZATION FROM THE OWNER.

FLOOR PLAN KEYNOTES

KEY PLAN

IRWIN PARTNERS

ARCHITECTURE

PLANNING

CONSULTING

245 Fischer Avenue

Suite B-2

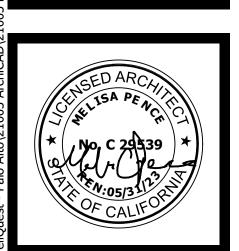
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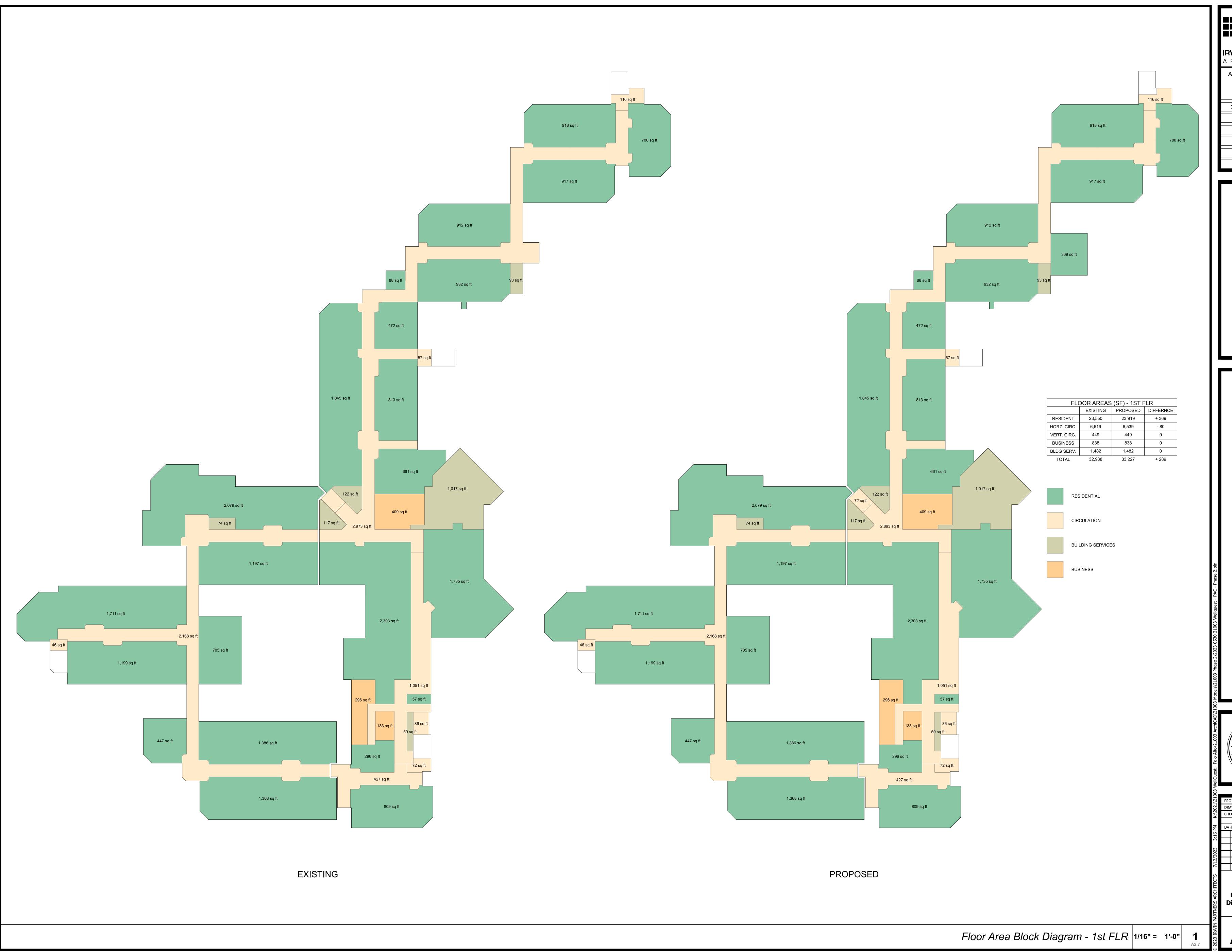
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ARCHITECT



DRAWING DESCRIPTION

Basement Floor Plan



IRWIN PARTNERS ARCHITECTURE

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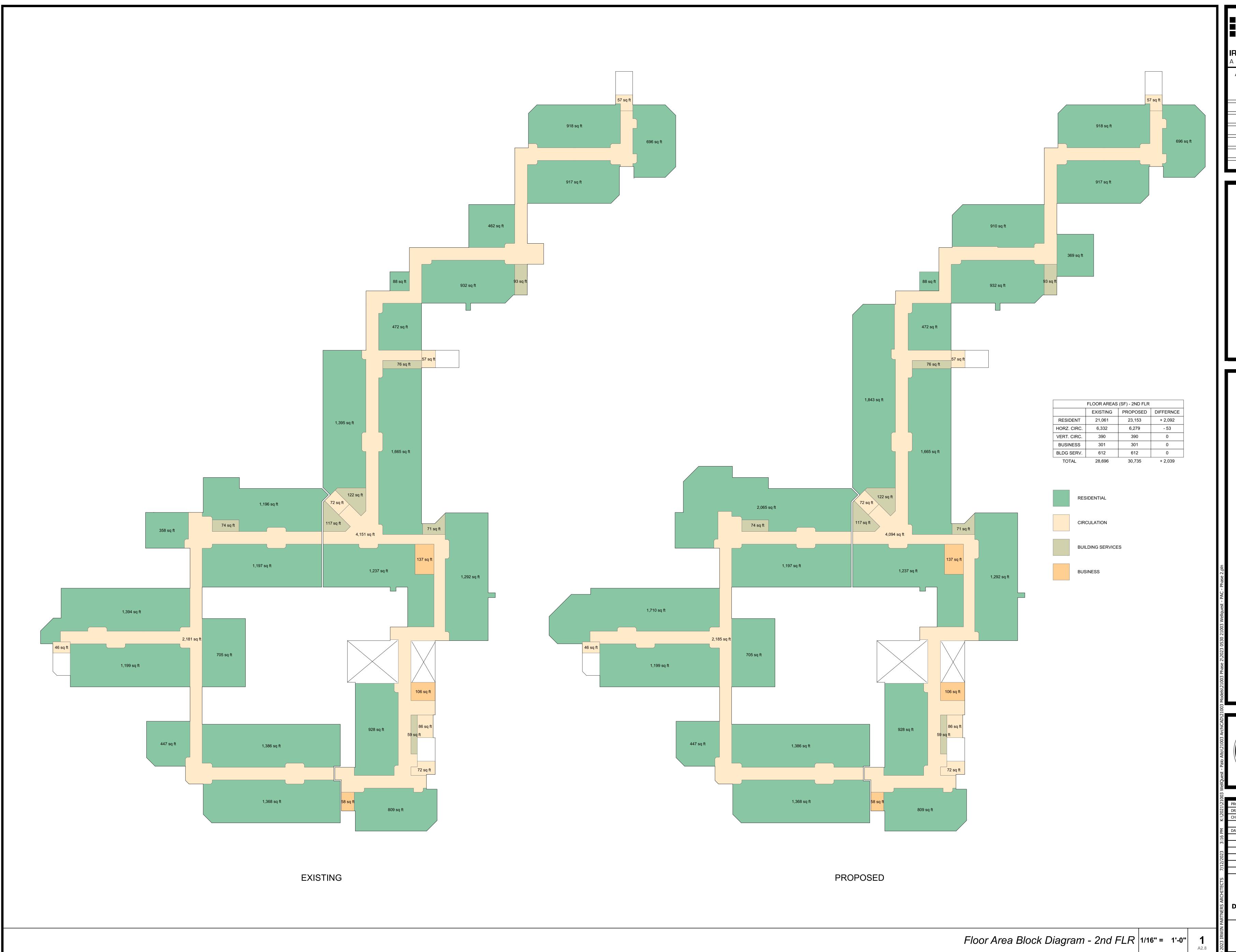
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Floor Area Block Diagrams - 1st FLR DRAWING NUMBER



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Floor Area Block Diagrams - 2nd FLR

DRAWING NUMBER



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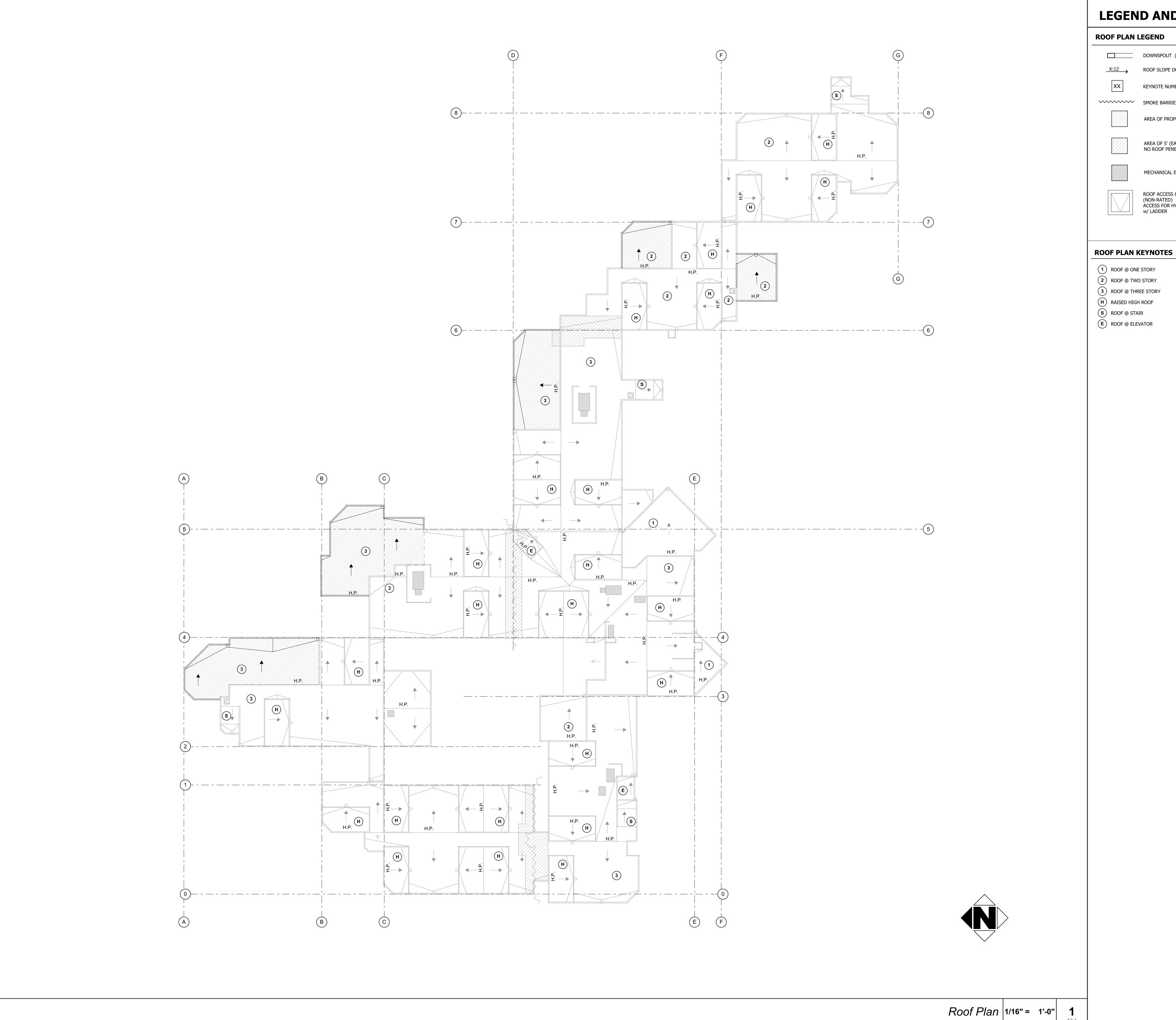
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Floor Area Block Diagrams - 3rd FLR

DRAWING NUMBER



ROOF PLAN LEGEND

DOWNSPOUT (E)

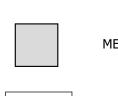
X:12 ROOF SLOPE DOWN, 1/4:12 TYP., U.N.O.

KEYNOTE NUMBER

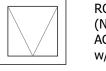
>>>>>>> SMOKE BARRIER WALL BELOW

AREA OF PROPOSED WORK

AREA OF 5' (EA SIDE) OF AREA SEPERATION WALL NO ROOF PENETRATIONS WITHIN THIS AREA ARE ALLOWED



MECHANICAL EQUIPMENT @ ROOF



ROOF ACCESS HATCH (NON-RATED) ACCESS FOR HVAC EQUIPMENT - 30" x 30" w/ LADDER

- E ROOF @ ELEVATOR

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DRAWING DESCRIPTION

Exterior Building
Elevations - North

DRAWING NUMBER

North Elevation - Proposed | 1/8" = 1'-0" | 1



LEGEND AND NOTES EXTERIOR FINISHES IRWIN PARTNERS ARCHITECT SIDING 1 - **SILVER SPRINGS** DUNN-EDWARDS DE6346 **S1** ARCHITECTURE PLANNING SIDING 2 - **HEATHER** (S2) CONSULTING 245 Fischer Avenue SIDING 3 - **WANDERING RIVER** DUNN-EDWARDS DE5850 **S3** Suite B-2 Costa Mesa

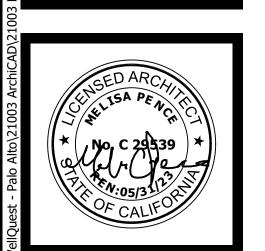
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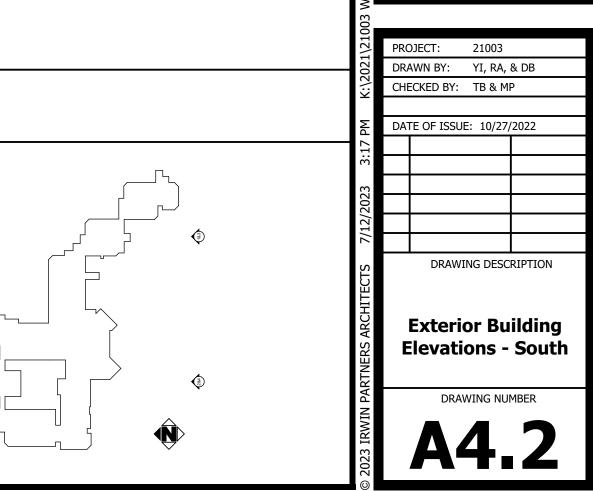
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South Elevation - Proposed | 1/8" = 1'-0" | 1



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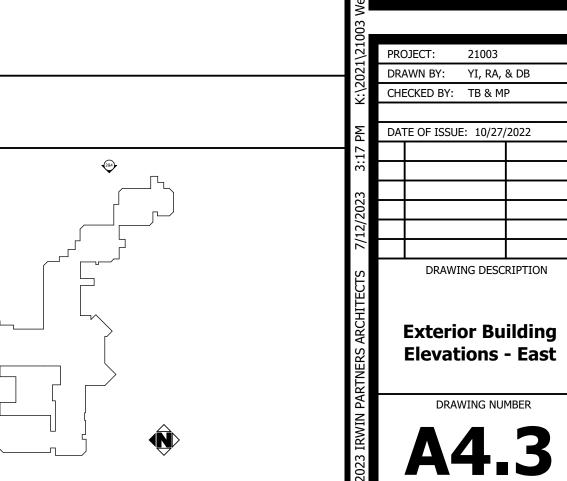
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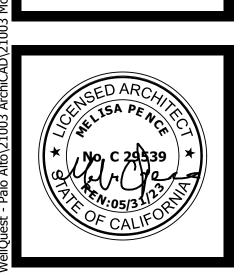
East Elevation - Proposed | 1/8" = 1'-0" | 1



EXTERIOR FINISHES SIDING 1 - **SILVER SPRINGS** DUNN-EDWARDS DE6346 **S1** (S2) SIDING 3 - WANDERING RIVER TRIM - **RENWICK BROWN**DUNN-EDWARDS
DET630

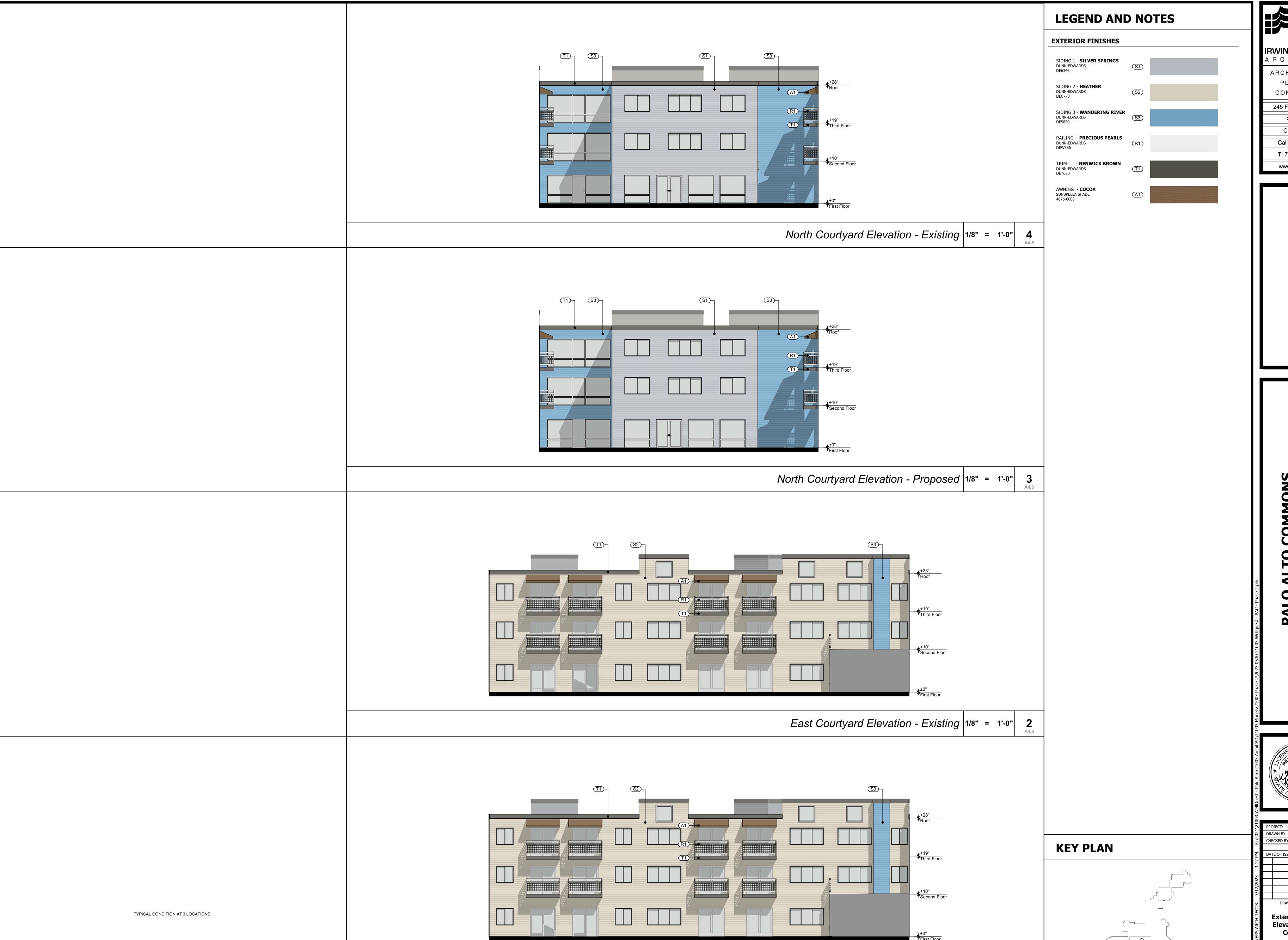
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DRAWING DESCRIPTION **Exterior Building Elevations - West** DRAWING NUMBER

West Elevation - Proposed | 1/8" = 1'-0" | 1

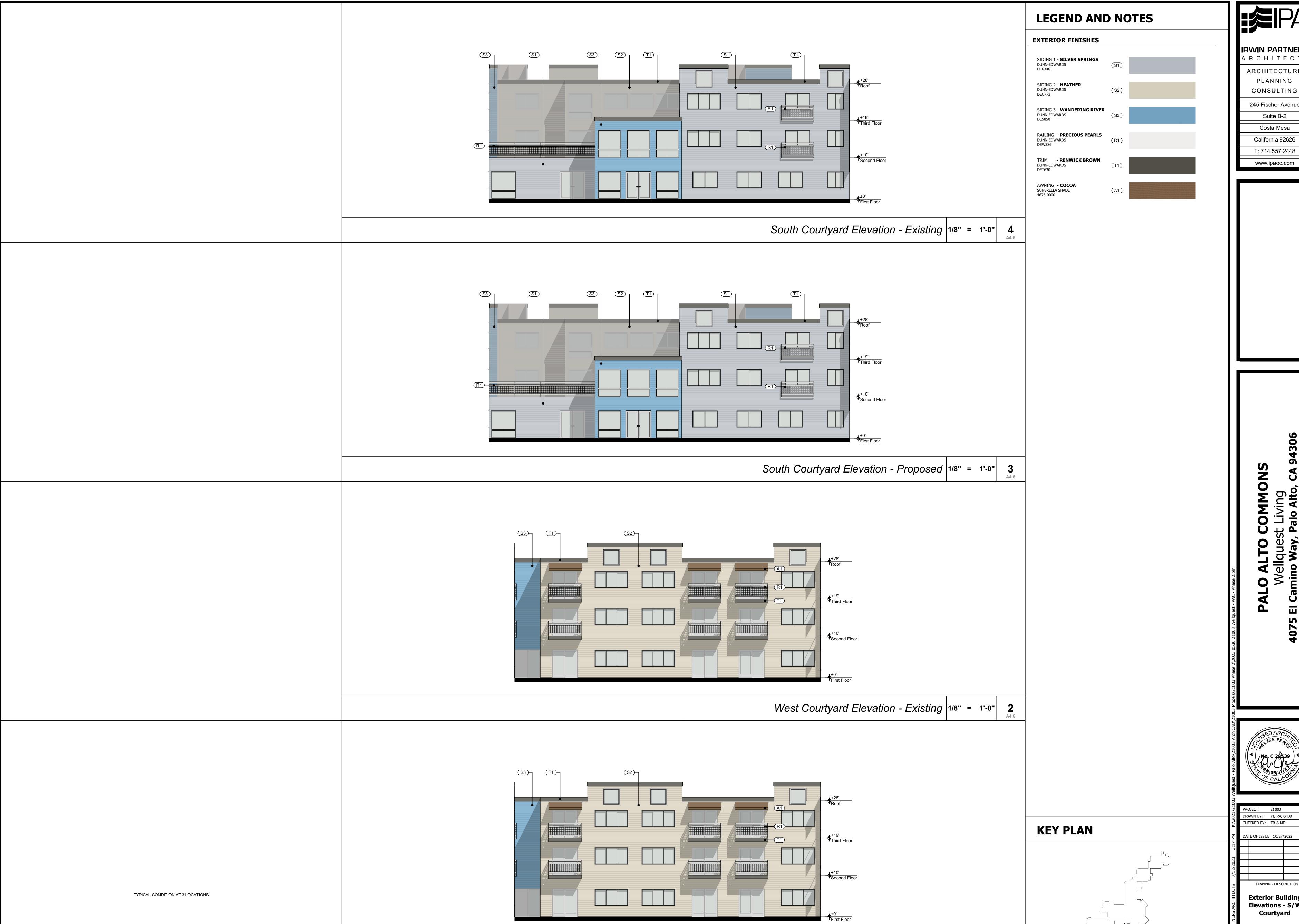


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Exterior Building Elevations - N/E Courtyard

East Courtyard Elevation - Proposed | 1/8" = 1'-0" | 1

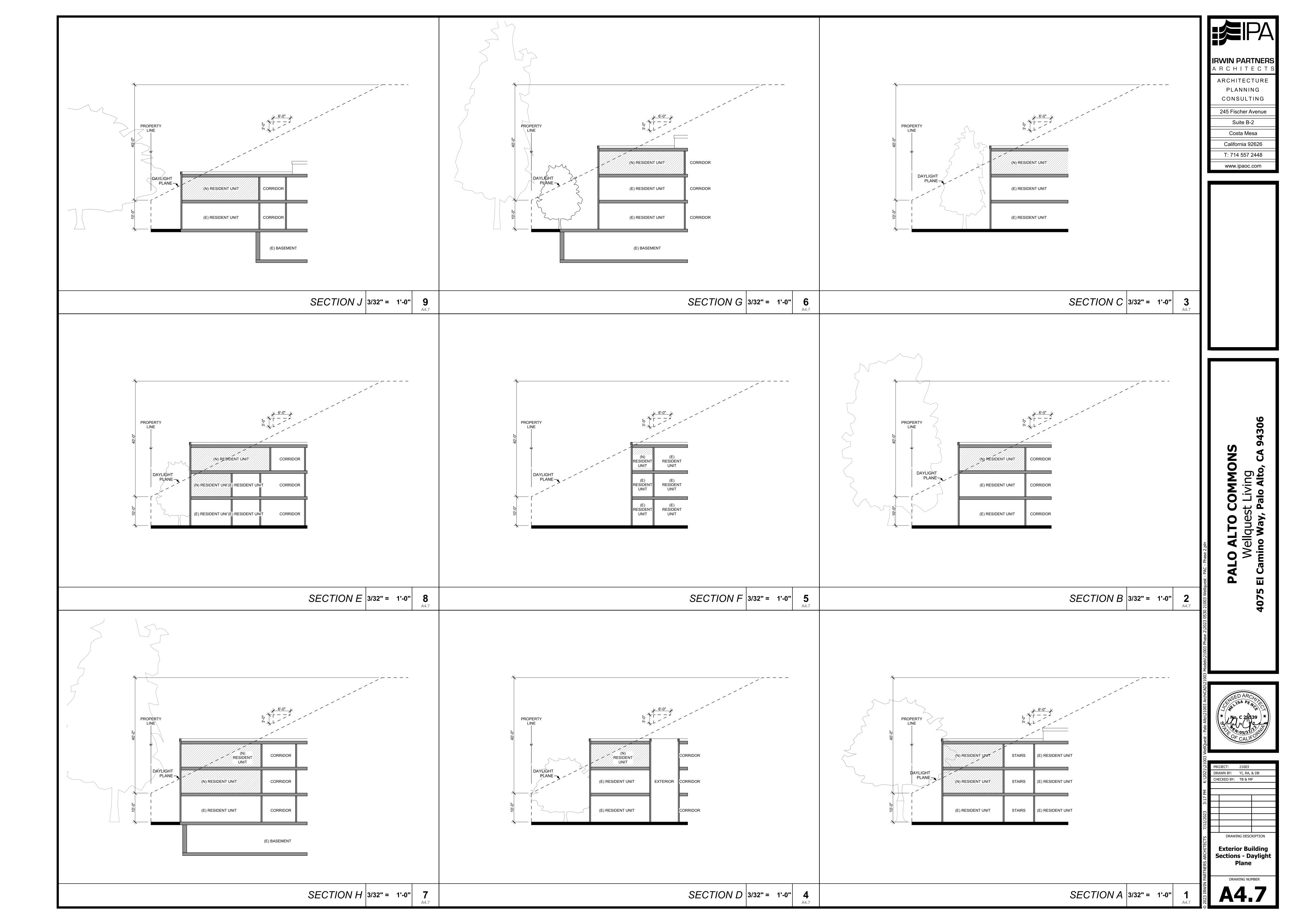


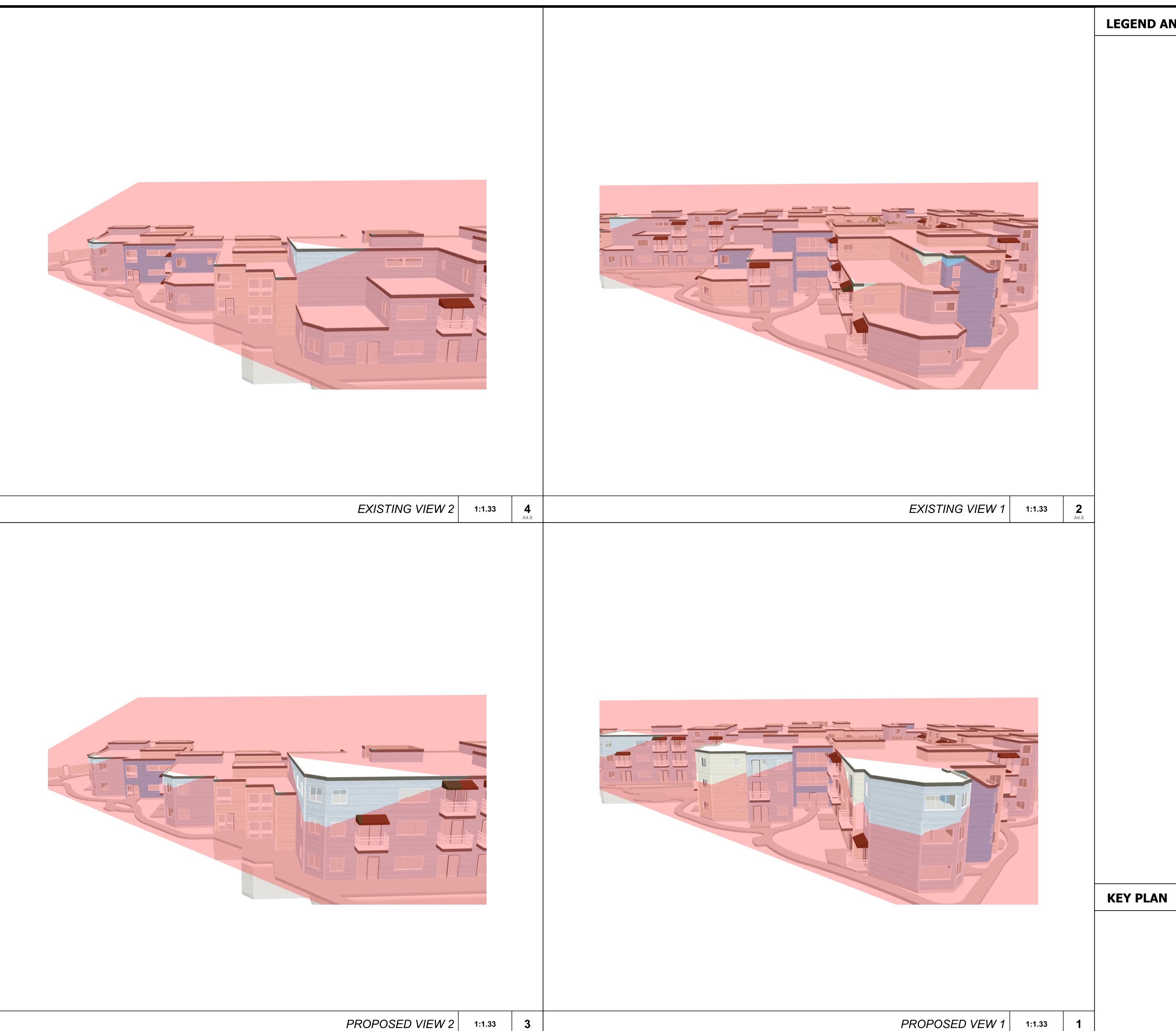
West Courtyard Elevation - Proposed | 1/8" = 1'-0" | 1

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Exterior Building Elevations - S/W Courtyard





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DRAWING DESCRIPTION Exterior Building Tent Diagrams -Daylight Plane