# What is the narrowest width of your driveway? ZONING STANDARDS SUMMARY

#### SITE REGULATIONS BY DISTRICT

	Existing	Proposed C	Construction	Requirement
Setbacks		2nd floor add	porch add	
Front (north )	24'3'	37'9'	21'3'	15′
Side (west)	12'4'	12'5'	10'6'	4' (10%)
Side ( east )	4'3'	4'8'		4' (10%)
Rear (south)	34'8'	53'4'		20'
Area			•	
Lot Size	4,400 sq ft			
Lot Coverage (In Percentage)	1,280 sq ft 29%	1,320 sq ft 30%		50%
Maximum Height	20'6"	25'9"		28' max.

Existing

Proposed

\*Parentheses, please note the elevation (i.e. north, east, west, south) \*\*Please refer to the attached Basic Site Regulations handout attached to this application for setback information.\*\*

### FLOOR AREA RATIO

	Existing	Proposed	Requirement
Floor Area			
Garage <sup>1</sup>	0	0	
Covered Porch <sup>2</sup>	0	62 sq ft	
Lower Level/Basement	562 sq ft	562 sq ft	
Main Level	1241 sq ft	1216 sq ft (-25 sq ft)	
Second-floor <sup>3</sup>	0	422 sq ft	
Accessory Structure Accessory Dwelling Unit	0	0	
Total Area (total of all above listed) measurements)	1803 sq ft	2262 sq ft	
Interior Stairs <sup>4</sup>	40 sq ft	71 sq ft	
Deductions (if applicable) <sup>5</sup>	40 sq ft	60 sq ft	
Total Counted (subtract Deductions from Total Area)	1763 sq ft	2202 sq ft	
Lot Size	4400 sq ft		
Floor Area Ratio <sup>6</sup>	39.61%	50.04%	55% ( <u>2420</u> max sq. ft.)



ASSESSOR'S MAP



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## STREET FACADE



AERIAL PHOTO Location of proposed second floor addition



AREA MAP



ā.	PROJECT I	NFORM	<b>1</b> ATION		$\sum_{47.7196} TS$
	Project address:		1504 Sonoma Avenue Albany, CA 94706	No. $C28395$ $C$ Ren. 11.30.25 $\cdot 3$ C $C$ $C$ $C$ $C$ $C$ $C$ $C$ $C$ $C$	ITE( v 510.54 f 510.60
°	Owner:		Esther An and Chris Lee 1504 Sonoma Avenue Albany, CA 94706	ee	RCH
	Assessor's Parce	l #:	65-2635-2		Y
	Zoning:		R1		D
ue	Parcel Sq. Foota	ge:	4,400 sq. ft.		Le A
Aver	Occupancy:		R-3		<b>P(</b>
	Construction Typ	pe:	VB		L h Ave 9460
	Seismic Design	Category:	D		VII egrap CA
	Sprinklered:		Yes		[N] 27 Tel kland
	Stories:		2		<b>L</b> ] 542 0al
Peralto	Scope of Work:		Construct a second floc bath, a new covered fro miscellaneous minor ir	or addition consisting of one bedroom and ont porch entry, kitchen remodel, nterior alterationsd and west side yard deck.	
	Deferred Submit	ttals:	Roof trusses		
	Special Inspection	ons:	TBD		00
	HERS testing to b	<u>1</u> De complete	c. 2022 California Mec d. 2022 California Plun e. 2022 California Ener f. 2022 California Fire O g. 2022 California Gree A. 2022 California Resi defore or during cons 1. Kitchen Rang 2. Verified Syste 3. Verified Syste 3. Verified heat 4. Verified SEER 5. Verified HSPF 6. Fan Efficacy V	chanical Code (CMC) mbing Code (CPC) rgy Efficiency Standards Code (CEES) Code (CFC) en Building Standards Code (CGBS or CALGreen) idential Code (CRC) struction: ge Hood em Airflow pump rated heating capacity F Watts/CFM	Residence e Albany, CA
		~			
PR	OIECT TEA	M	7. Duct Sealing	DRAWING INDEX	
PR Arch Stru	OJECT TEA	M Linvill & P 5427 Teleg Oakland, C 510.547.7 Verdant Str	ond Architects graph Avenue, Suite A CA 94609 196 uctural Engineers	DRAWING INDEXProject information, project team, mapsG1.1Conditions of approvalG1.1.1General notes, codes, abbreviations, and symbolsG1.2Construction management notesG1.3CalGreen Mandatory MeasuresG1.4CalGreen Mandatory Measures, cont.G1.5Albany green building checklistG1.6	An Lee noma Avenau
PR Arch Stru	COJECT TEA	M Linvill & P 5427 Teleg Oakland, C 510.547.7 Verdant Str 1101 8th S Berkeley, C 510.528.53	ond Architects graph Avenue, Suite A CA 94609 196 ructural Engineers treet, #180 CA 94703 394	DRAWING INDEXProject information, project team, mapsG1.1Conditions of approvalG1.1.1General notes, codes, abbreviations, and symbolsG1.2Construction management notesG1.3CalGreen Mandatory MeasuresG1.4CalGreen Mandatory Measures, cont.G1.5Albany green building checklistG1.6Site planA2.1Drainage planA2.2Existing/ demolition lower and main floor plansA3.1Proposed first floor planA4.1	An Lee 4 Sonoma Aven <sub>e</sub> u
PR Arch Strue Title	COJECT TEA hitect: ctural Engineer:	M Linvill & P 5427 Teleg Oakland, ( 510.547.7 Verdant Str 1101 8th S Berkeley, ( 510.528.5) Gabel Asso 20825 Nur Castro Vall 510.428.0	ond Architects graph Avenue, Suite A CA 94609 196 ructural Engineers Street, #180 CA 94703 394 ociates nes Avenue, Suite A ey, CA 94546 303	DRAWING INDEXProject information, project team, mapsG1.1Conditions of approvalG1.1.1General notes, codes, abbreviations, and symbolsG1.2Construction management notesG1.3CalGreen Mandatory MeasuresG1.4CalGreen Mandatory Measures, cont.G1.5Albany green building checklistG1.6Site planA2.1Drainage planA2.2Existing/ demolition lower and main floor plansA3.1Proposed first floor planA4.1Proposed second floor planA4.3Existing and proposed building sectionsA5.1Existing and poposed north elevationsA6.1Existing and poposed east elevationsA6.2	An Lee 1504 Sonoma Aven <sub>e</sub> u
PR Arch Strue Title	COJECT TEA hitect: ctural Engineer: 24 Compliance: /eyor:	M Linvill & P 5427 Teleg Oakland, C 510.547.7 Verdant Str 1101 8th S Berkeley, C 510.528.5 Gabel Asso 20825 Nur Castro Vall 510.428.0 Terra Firma 3710 Lone Antioch C 925.437.3	ond Architects graph Avenue, Suite A CA 94609 196 ructural Engineers Street, #180 CA 94703 394 ociates nes Avenue, Suite A ey, CA 94546 803 t Tree Way #113 A, 94509 700	DRAWING INDEXProject information, project team, mapsG1.1Conditions of approvalG1.1.1General notes, codes, abbreviations, and symbolsG1.2Construction management notesG1.3CalGreen Mandatory MeasuresG1.4CalGreen Mandatory Measures, cont.G1.5Albany green building checklistG1.6Site planA2.1Drainage planA2.2Existing/ demolition lower and main floor plansA3.1Proposed first floor planA4.2Proposed roof planA4.3Existing and proposed building sectionsA5.1Existing and poposed north elevationsA6.1Existing and poposed south elevationsA6.3Existing and poposed west elevationsA6.4Roof, wall, and window detailsA7.1Deck detailsA7.3Window and door schedulesA8.1	02.14.2024 An Lee Building 1504 Sonoma Aveneu
PR Arch Strue Title Surv Soils	COJECT TEA hitect: ctural Engineer: 24 Compliance: /eyor: s Engineer:	M Linvill & P 5427 Teleg Oakland, ( 510.547.7 Verdant Str 1101 8th S Berkeley, ( 510.528.5) Gabel Asso 20825 Nui Castro Vall 510.428.00 Terra Firma 3710 Lone Antioch CA 925.437.3 Dave Olne 7915 Crest Oakland, ( 510.568.2	ond Architects graph Avenue, Suite A CA 94609 196 ructural Engineers Street, #180 CA 94703 394 ociates nes Avenue, Suite A ey, CA 94546 803 * Tree Way #113 A, 94509 700 *s, PE : Avenue CA 94603 162	DRAWING INDEX         Project information, project team, maps       G1.1         Conditions of approval       G1.1.1         General notes, codes, abbreviations, and symbols       G1.2         Construction management notes       G1.3         CalGreen Mandatory Measures       G1.4         CalGreen Mandatory Measures, cont.       G1.5         Albany green building checklist       G1.6         Site plan       A2.1         Drainage plan       A2.2         Existing / demolition lower and main floor plans       A3.1         Proposed first floor plan       A4.2         Proposed for plan       A4.2         Proposed roof plan       A4.3         Existing and poposed building sections       A5.1         Existing and poposed south elevations       A6.1         Existing and poposed south elevations       A6.3         Existing and poposed west elevations       A6.3         Existing and poposed west elevations       A6.3         Existing and poposed west elevations       A6.4         Roof, wall, and window details       A7.1         Deck details       A7.3         Window and door schedules       A8.1         Electrical/ Mechanical plans       E/M1.+2         Tre-run with French do	Date: 02.14.2024 An Lee Type: Building 1504 Sonoma Aveneu











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 $TS_{7196}$ 

ARCHITE

LINVILL POND 5427 Telegraph Ave, Suite A Oakland CA 94609



Rev. 1 01.23.25

A6.3



ARCHITECTS	v 510.547.7196 f 510.601.7196
INVILL POND	427 Telegraph Ave, Suite A Jakland CA 94609



Date: 0 Type: B Drawn by: A7.3



of 12

#### WINDOW AND DOOR NOTES:

<u>R310.1 escape and rescue required</u>. Basements, habitable attics and every sleeping room shall have at least one operable emergency escape and rescue opening. Where basements contain one or more sleeping rooms, emergency egress and rescue openings shall be required in each sleeping room. Where emergency escape and rescue openings are provided they shall have the bottom of the clear

opening not greater than 44 inches (1118 mm) measured from the floor. R310.1 Escape and rescue required. Basements, habitable attics and every sleeping room shall have at least one operable emergency escape and rescue opening.

<u>R310.1.1 Minimum opening area</u>. All emergency escape and rescue openings shall have a minimum net clear opening of 5.7 square feet (0.530 m). Exception: Grade floor openings shall have a minimum net clear opening of 5 square feet (0.465 m).

<u>R310.1.2 Minimum opening height</u>. The minimum net clear opening height shall be 24 inches (610 mm).

R310.1.3 Minimum opening width. The minimum net clear opening width shall be 20 inches (508 mm).

R310.1.4 Operational constraints. Emergency escape and rescue openings shall be maintained free of any obstructions other than those allowed by this section and shall be operational from the inside of the room without the use of keys, tools or special knowledge.

R308.4 Hazardous locations. The locations specified in Sections R308.4.1 through R308.4.7 shall be considered specific hazardous locations for the purposes of glazing.

R308.4.1 Glazing in doors. Glazing in all fixed and operable panels of swinging, sliding and bifold doors shall be considered a hazardous location.

Exceptions: 1. Glazed openings of a size through which a 3- inch-diameter (76 mm) sphere is unable to pass. 2. Decorative glazing.

R308.4.2 Glazing adjacent doors. Glazing in an individual fixed or operable panel adjacent to a door where the nearest vertical edge of the glazing is within a 24-inch (610 mm) arc of either vertical edge of the door in a closed position and where the bottom exposed edge of the glazing is less than 60 inches (1524 mm) above the floor or walking surface shall be considered a hazardous location. Exceptions:

1. Decorative glazing.

2. When there is an intervening wall or other permanent barrier between the door and the glazing. 3. Glazing in walls on the latch side of and perpendicular to the plane of the door in a closed position.

4. Where access through the door is to a closet or storage area 3 feet (914 mm) or less in depth. Glazing in this application shall comply with section R308.4.3.

5. Glazing that is adjacent to the fixed panel of patio doors.

<u>R308.4.3 Glazing in windows</u>. Glazing in an individual fixed or operable panel that meets all of the following conditions shall be considered a hazardous location: 1. The exposed area of an individual pane is larger than 9 square feet (0.836 m2); 2. The bottom edge of the glazing is less than 18 inches (457 mm) above the floor; 3. The top edge of the glazing is more than 36 inches (914 mm) above the floor; and 4. One or more walking surfaces are within 36 inches (914 mm), measured horizontally and in a straight line, of the glazing.

R308.4.5 Glazing and wet surfaces. Glazing in walls, enclosures or fences containing or facing hot tubs, spas, whirlpools, saunas, steam rooms, bathtubs, showers and indoor or outdoor swimming pools where the bottom exposed edge of the glazing is less than 60 inches (1524 mm) measured vertically above any standing or walking surface shall be considered a hazardous location. This shall apply to single glazing and all panes in multiple glazing. Exception: Glazing that is more than 60 inches (L524 mm), measured horizontally and in a straight line, from the water's edge of a bathtub, hot tub, spa, whirlpool, or swimming pool.

R308.4.6 Glazing adjacent to stairs and ramps. Glazing where the bottom exposed edge of the glazing is less than 36 inches (914 mm) above the plane of the adjacent walking surface of stairways, landings between flights of stairs and ramps shall be considered a hazardous location. R308.4.7 Glazing adjacent to the bottom stair landing. Glazing adjacent to the landing at the bottom of a stairway where the glazing is less than 36 inches (914 mm) above the landing and within 60

inches (1524 mm) horizontally of the bottom tread shall be considered a hazardous location. R312.2 Window fall protection. Window fall protection shall be provided in accordance with Section R312.2.I and R312.2.2.

R312.2.1 Window sill. In dwelling units, where the opening of an operable window is located more than 72 inches (1829 m\11) above the finished grade or surface below, the lowest part of the clear opening of the window shall be a minimum of 24 inches (610 mm) above the finished floor of the room in which the window is located, Operable sections of window shall not permit openings that allow passage of a 4-inch-diameter (102 mm) sphere where such openings are located within 24 inches (610 mm) of the finished floor.

Schedule: Fenestration Removed

Call	Туре	Size	Materia	Glazing	Notes							$\bigcirc$	547 501.
x.1	double hung	2′8″ x 4	.'4" wood	single							No. <b>Q2</b> 3395 Ren. 11.30.25	Щ Ц	10.
x.2	double hung	2'8" x 4	'4" wood	single							Ele of California	L	v 5 f 5
x.3	double hung p	air 5′8″ x 4	v4″ wood	single							21 Car	H	
x.4	double hung	2'8" x 4	'4" wood	single								$\bigcirc$	
x.5	door	3'0" x 6	/8″ wood	1/4 light								<b>A</b> R	
x.6	double hung	$2'6'' \times 3$	'3" wood	single								ł	
X./		<u>, 20 x 3</u>	3 W000	single								$\square$	
												Z	A
<u>Schec</u>	lule: Fenestratio	on To Remain or	· Proposed									$\bigcirc$	uite
Call	Existing/ New	Туре	Nominal Size	Material	Configuration	Mull	Muntins	Glazing	Egress	Tempered	d Notes	•	ve, 5 609
A	new	triple casement	7′6″ x 4′8″	wood	3 wide	direct	2 over 2	5/8″ IGU	yes	no		Ţ	h A 940
В	new	awning	2'6" x 2'8"	wood	single		none	5/8″ IGU	no	yes		II.	CA
С	new	casement	2'6" x 4'8"	wood	single		none	5/8″ IGU	no	no			ieleg
D	new	awning	2'6" x 2'8"	wood	single		none	5/8″ IGU	no	no			277 klar
E	new	awning	2'6" x 2'8"	wood	single		none	5/8″ IGU	no	yes			547 0a
F	new	awning	2'6" x 2'8"	wood	single		none	5/8″ IGU	no	yes			
G	new	triple casement	7'6" x 4'8"	wood	3 wide	direct	2 over 2	5/8″ IGU	yes	no			
Н	new	fixed	3'8" x 2'0"	wood	single		none	5/8″ IGU	no	yes			
I	new	case-picture-case	10'0" x 4'8"	wood	3 wide	direct	*	5/8″ IGU	no	no	*2 over 2 flanking casements, center picture no muntins		
J	new	fixed	3'3" x 2'0"	wood	single		none	5/8″ IGU	no	no			
К	new	fixed	3'3" x 2'0"	wood	single		none	5/8″ IGU	no	no			Õ
L	new	triple casement	7′6″ x 4′0″	wood	3 wide	direct	none	5/8″ IGU	no	ξ no			
m	existing	casement	2'6" x 4'4"	wood	single			5/8″ IGU					6
n	existing	casement	2'6" x 4'4"	wood	single			5/8″ IGU				(٦)	
0	existing	casement	2'6" x 3'6"	wood	single			5/8″ IGU				$\square$	$\left  \begin{array}{c} \\ \\ \end{array} \right $
р	existing	fixed	2'6" x 3'0"	wood	single			single					
q	existing	fix-case-fix	9′0″ x 3′0″	wood	single			single					
r	existing	fixed	2'6" x 3'0"	wood	single			single				$\square$	ar
S	existing	casement	2'6" x 4'4"	wood	single			5/8″ IGU				$\Box$	<u>0</u>
t	existing	casement	2'6" x 4'4"	wood	single			5/8″ IGU				• —	
u	existing	casement	2'6" x 4'4"	wood	single			5/8″ IGU				S S	
V	new	inswing door pair	5′0″ x 6′8″	wood	LR pair		none	5/8" IGU	yes	yes	passive leaf w/ head and foot bolt, active w/ deadbolt, 1 3/4" Simpson 7001 Thermal French, Pemko Bronze Threshold	$\geq$ $\bigcirc$	
W	existing	casement	2′6″ x 2′6″	wood	single			5/8″ IGU					le
х	existing	casement	2'6" x 2'6"	wood	single			5/8″ IGU				(٦)	l
у	existing	fixed sidelight	1′2″ x 6′8″	wood	single			5/8″ IGU					l é
Z	existing	1 3/4" door pair	5′0″ x 6′8″	wood	pair			5/8″ IGU				U U	
aa	existing	fixed sidelight	1′2″ x 6′8″	wood	single			5/8″ IGU					ے ا
bb	existing	double hung	2'6" x 3'3"	wood	single			5/8″ IGU					ž
CC	existing	1 3/4" door	2'6" x 6'8"	wood	single			5/8″ IGU					
dd	existing	casement	1'10" x 2'10"	wood	single			5/8″ IGU				$\triangleleft$	
ee	existing	casement	1'10" x 2'10"	wood	single			5/8″ IGU					SO
1	new	1 3/4" door	3′0″ x 6′8″	wood	half light	r hand	3 over 3	5/8″ IGU	yes	yes			0 <sup>7</sup>
-2	new	<del>1 3/4" door</del>	<del>3'0" x 6'8"</del>	wood	half light	<del>r hand</del>	none	<del>5/8″ IGU</del>	<del>yes</del>	<del>yes</del>	removed from scope of work		5 L
Schoo	lule: Interior D	oors											·←
JUNEO		0013											
												024 ĭ	,
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												02. <sup>°</sup> Buil	Ū
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	Туре	Size		Material	Glazing	notes						No 028395 71	ГТ
x.1	double hu	ng 2'8" x 4	1′4″	wood	single							Ren. 11.30.25	
x.2	double hu	ng 2'8" x 4	1′4″	wood	single							C of California	
x.3	double hung	g pair 5′8″ x 4	1′4″	wood	single							er Car	Ц
x.4	double hu	ng 2'8" x 4	1′4″	wood	single								C
x.5	door	3′0″ x 6	5′8″	wood	1/4 light								2
x.6	double hu	ng 2'6" x 3	3′3″	wood	single								$\triangleleft$
x.7	double hu	ng 2'6" x 3	3′3″	wood	single								
			5										
ched	ule: Fenestra	tion To Remain o	r Propose	<u>d</u>									
Call	Existing/ New	Туре	Nominal	Size	Material	Configuration	Mull	Muntins	Glazing	Egress	Tempered	Notes	d
А	new	triple casement	7′6″ x 4	¥'8″	wood	3 wide	direct	2 over 2	5/8″ IGU	yes	no		
В	new	awning	2′6″ x 2	2'8″	wood	single		none	5/8″ IGU	no	yes		
С	new	casement	2'6" x 4	¥8″	wood	single		none	5/8″ IGU	no	no		$\Lambda$
D	new	awning	2'6" x 2	2'8"	wood	single		none	5/8″ IGU	no	no		
F	new	awning	2 0 × 2	. 0 . 8″	wood	single		none	5/8″ ICU	no	Vec		
L F	new	awning	20 x 2	. 0	wood	single		none	5/0 100	110	yes		
г С	new	awning	2°6″ x 2	δ <sup>2</sup>	wood	single		none	5/8" IGU	no	yes		
G	new	triple casement	7′6″ x 4	¥'8″	wood	3 wide	direct	2 over 2	5/8″ IGU	yes	no		
Н	new	fixed	3′8″ x 2	2′0″	wood	single		none	5/8″ IGU	no	yes		
I	new	case-picture-case	10'0" x 4	4′8″	wood	3 wide	direct	*	5/8″ IGU	no	no	*2 over 2 flanking casements, center picture no muntins	
J	new	fixed	3′3″ x 2	2′0″	wood	single		none	5/8″ IGU	no	no		
Κ	new	fixed	3′3″ x 2	2′0″	wood	single		none	5/8″ IGU	no	no		
L	new	triple casement	7′6″ x 4	¥0″	wood	3 wide	direct	none	5/8″ IGU	no	[ no ]	3	
m	existing	casement	2'6" x 4	4″	wood	single			5/8″ IGU		······		
n	existing	casement	2′6″ x 4	.'4″	wood	single			5/8″ IGU				
0	existing	casement	2'6" x 3	8'6"	wood	single			5/8″ IGU				
0	ovicting	fixed	20 × 3	2/0//	wood	single			single				
þ	existing	nixeu	20 X 3		wood	single			single				
q	existing	tix-case-tix	9′0″ x 3	3'0"	wood	single			single				
r	existing	fixed	2'6" x 3	8'0"	wood	single			single				
S	existing	casement	2'6" x 4		wood	single			5/8″ IGU				
t	existing	casement	2'6" x 4	ŀ′4″	wood	single			5/8″ IGU				•
u	existing	casement	2′6″ x 4	ŀ′4″	wood	single			5/8″ IGU				
V	new	inswing door pair	5′0″ x 6	5′8″	wood	LR pair		none	5/8″ IGU	yes	yes 1	passive leaf w/ head and foot bolt, active w/ deadbolt,	
14/	ovicting	cacomont	216# 2.3	16/	wood	cingle			E/9// 1011			3/4 Simpson / oor merinal rench, renko bronze miestiold	-₽₽
VV	existing		20 X 2		wood	single			5/0 IUU				_
X	existing	casement	2.6" x 2	. b"	. WOOD	single			5/8" IGU				
У	existing	tixed sidelight	1′2″ x 6	5'8″	wood	single			5/8″ IGU				
Z	existing	1 3/4" door pair	5′0″ x 6	o'8″	wood	pair			5/8″ IGU				
aa	existing	fixed sidelight	1'2" x 6	5′8″	wood	single			5/8″ IGU				
bb	existing	double hung	2'6" x 3	3′3″	wood	single			5/8″ IGU				
СС	existing	1 3/4" door	2′6″ x 6	5′8″	wood	single			5/8″ IGU				
dd	existing	casement	1′10″ x 2	2'10"	wood	single			5/8″ IGU				
ee	existing	casement	1′10″ x 2	2′10″	wood	single			5/8″ IGU				
1	new	1 3/4" door	3′0″ x 6	5′8″	wood	half light	r hand	3 over 3	5/8″ IGU	yes	yes		
2	new	<u>1 3/4" door</u>	3'0" × 6	<u>'8"</u>	wood	half light	r hand	none	<u>5/8″ ICI I</u>	, Alee	VPS	removed from scope of work	>
_					iroca		. nana		0/0 100	700	900		$\geq$
	<u>ule: Interior</u>	<u>Doors</u>											
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<u>ched</u>													1.2024

## **SDL** Profile Detail

NTS

spacer bars to be matte pewter





Rev: 1-3 01.23.25

A8.

#### **CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD**

ADU Bedroom Count n/a

Addition Cond. Floor Area (ft<sup>2</sup>

Existing Cond. Floor Area (ft<sup>2</sup>)

Total Cond. Floor Area (ft<sup>2</sup>

Project Location

Project Name: 24027 - An Lee Addition

Calculation Description: Title 24 Analysis

GENERAL INFORMATION

01 02

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Calculation Date/Time: 2025-02-05T17:36:36-08:00 Input File Name: 24027- MA Rev 1 v93.ribd22x

CF1R-PRF-01-E (Page 1 of 13)

					ENERGY USE IN
Project Name	24027 - An Lee Addition				
Run Title	Title 24 Analysis				
roject Location	1504 Sonoma Ave				Ģ
City	Albany	05	Standards Version	2022	
Zip code	94706	07	Software Version	EnergyPro 9.3	
Climate Zone	3	09	Front Orientation (deg/ Cardinal)	16	Notes
Building Type	Single family	11	Number of Dwelling Units	1	1. Gross EU
Project Scope	Addition and/or Alteration	13	Number of Bedrooms	3	2. Net EULIS
Floor Area (ft <sup>2</sup> )	422	15	Number of Stories	3	REQUIRED SPE
Floor Area (ft <sup>2</sup> )	1778	17	Fenestration Average U-factor	0.3	The following a
Floor Area (ft <sup>2</sup> )	2200	19	Glazing Percentage (%)	23.57%	Ceiling h
edroom Count	n/a	21	ADU Conditioned Floor Area	n/a	<ul> <li>Insulation</li> <li>Ducts in</li> </ul>
Fuel Type	All electric	23	No Dwelling Unit:	No	Northwe

#### COMPLIANCE RESULTS

01	Building Complies with Computer Performance
02	This building incorporates features that require field testing and/or verification by a certified HERS rater under the supervision of a CEC-approved HERS provider.
03	This building incorporates one or more Special Features shown below

Report Version: 2022.0.000

#### CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD

Standard Design Source

Energy (EDR1) (kBtu/ft<sup>2</sup> -yr)

0

0

0

0

0

0

0

0

0

0

Project Name: 24027 - An Lee Addition Calculation Description: Title 24 Analysis

ENERGY USE SUMMARY

Energy Use

Space Heating

Space Cooling

IAQ Ventilation

Water Heating

Self Utilization/Flexibility

Credit

Efficiency Compliance

Total

Photovoltaics

Battery

Flexibility

Indoor Lighting

Appl. & Cooking

Plug Loads

Outdoor Lighting

TOTAL COMPLIANCE

Calculation Date/Time: 2025-02-05T17:36:36-08:00 Input File Name: 24027- MA Rev 1 v93.ribd22x

Proposed Design Source

Energy (EDR1) (kBtu/ft<sup>2</sup> -yr)

0

0

0

0

0

0

0

0

0

0

# CF1R-PRF-01-E

Margin (EDR2)

-0.43

2.32

0

6.71

0

8.6

ZONE INF Z Ex

01	02	03	04	05	06	07	08	09	10	11
Name	Zone	Construction	Azimuth	Orientation	Gross Area (ft <sup>2</sup> )	Window and Door Area (ft2)	Tilt (deg)	Wall Exceptions	Status	Verified Existing Condition
Front Wall: EX	Existing Home	R-0 Wall	16	Front	266	0	90	none	Existing	No
Left Wall: EX	Existing Home	R-0 Wall	106	Left	160	20.7	90	none	Existing	No
Back Wall: EX	Existing Home	R-0 Wall	196	Back	266	71.2	90	none	Existing	No
Right Wall: EX	Existing Home	R-0 Wall	286	Right	160	5.2	90	none	Existing	No
Front Wall: EX 2	Existing Home	R-0 Wall	16	Front	256	77.5	90	none	Existing	No
Left Wall: EX 2	Existing Home	R-0 Wall	106	Left	407	117.8	90	none	Existing	No
Back Wall: EX 2	Existing Home	R-0 Wall	196	Back	255	46.6	90	none	Existing	No
Right Wall: EX 2	Existing Home	R-0 Wall 💋	286	Right	406	71.1	90	none	Existing	No
Front Wall: New	Addition	R-15 Wall	16	Front	182	41.7	90	none	New	n/a
Left Wall: Ext	Addition	R-15 Wall	106	Left	150	11.7	90	Extension	New	n/a
Back Wall: New	Addition	R-15 Wall	196	Back	183	13.4	90	none	New	n/a
Right Wall: Ext	Addition	R-15 Wall	286	Right	150	41.7	90	Extension	New	n/a
Roof: Ex	Existing Home	R-0 Roof Attic	n/a	n/a	41	n/a	n/a		Existing	No
Roof: Alt	Existing Home	R-38 Roof Attic	n/a	n/a	794	n/a	n/a		Altered	No
Roof:New	Addition	R-38 Rafter Roof Attic	n/a	n/a	422	n/a	n/a		New	n/a
Raised Floor: Alt	Existing Home	R-19 Floor Crawlspace	n/a	n/a	695	n/a	n/a		Altered	No
Interior Floor	Existing Home	R-0 Floor Crawlspace	n/a	n/a	521	n/a	n/a		Existing	No

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	Schema Version: rev 20220901	

Standard Design TDV Energy

(EDR2) (kTDV/ft<sup>2</sup> -yr)

40.08

14.5

0

16.09

70.67

0

7.13

11.54

26.31

1.77

117.42

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2402

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Margin (EDR1)

0

0

0

0

0

Proposed Design TDV Energy

(EDR2) (kTDV/ft<sup>2</sup> -yr)

40.51

12.18

0

9.38

0

62.07

0

0

7.13

11.49

26.31

1.77

108.77

#### CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD

Project Name: 24027 - An Lee Addition

Calculation Description: Title 24 Analysis

Calculation Date/Time: 2025-02-05T17:36:36-08:00

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Input File Name: 24027- MA Rev 1 v93.ribd22x

Margin Percentage 6.41										
6.41										
6.41										
ss EUI is Energy Use Total (not including PV) / Total Building Area. EUI is Energy Use Total (including PV) / Total Building Area.										
D SPECIAL FEALURES										

#### HERS FEATURE SUMMARY

The following is a summary of the features that must be field-verified by a certified HERS Rater as a condition for meeting the modeled energy performance for this computer analysis. Additional detail is provided in the building tables below. Registered CF2Rs and CF3Rs are required to be completed in the HERS Registry Kitchen range hood Minimum Airflow

Verified SEER/SEER2

Fan Efficacy Watts/CFM

Verified HSPF2 Verified heat pump rated heating capacity

Duct leakage testing

#### **BUILDING - FEATURES INFORMATION**

01	02	03	04	05	06	07		
Project Name	Conditioned Floor Area (ft <sup>2</sup> )	Number of Dwelling Units	Number of Bedrooms	Number of Zones	Number of Ventilation Cooling Systems	Number of Water Heating Systems		
027 - An Lee Addition	2200	1	3	2	0	1		

#### CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD

Project Name: 24027 - An Lee Addition

Calculation Description: Title 24 Analysis

Calculation Date/Time: 2025-02-05T17:36:36-08:00 Input File Name: 24027- MA Rev 1 v93.ribd22x

FORMATION						
01	02	03	04	05	06	07
one Name	Zone Type	HVAC System Name	Zone Floor Area (ft <sup>2</sup> )	Avg. Ceiling Height	Water Heating System 1	Status
isting Home	Conditioned	Alt HVAC1	1778	8.3	DHW Sys 1	Existing Unchanged
Addition	Conditioned	Alt HVAC1	422	8	DHW Sys 1	New

### OPAQUE SURFACES

 

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Schema Version: rev 20220901

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, Yq

1 of 5

Type: Drawn

T24.<sup>•</sup>

Date:

947060 • ----- $\mathbf{\mathcal{X}}$ 

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**CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD** 

Project Name: 24027 - An Lee Addition

#### Calculation Description: Title 24 Analysis

OPAQUE SURFACES										
01	02	03	04	05	06	07	08	09	10	
Name	Zone	Construction	Azimuth	Orientation	Gross Area (ft <sup>2</sup> )	Window and Door Area (ft2)	Tilt (deg)	Wall Exceptions	Statu	
Interior Floor 2	Addition	2x12 R-0 Floor No Crawlsp	n/a	n/a	422	n/a	n/a		New	

ATTIC				6						
01	02		03	04	05	06	07	08	09	10
Name	Construction		Туре	Roof Rise (x in 12)	Roof Reflectance	Roof Emittance	Radiant Barrier	Cool Roof	Status	Verified Existing Condition
Attic Existing Home	Attic RoofExisting Home	7	Unventilated	3.5	0.1	0.85	No	No	Existing	No
Attic Addition	Attic RoofAddition		Unventilated	3.5	0.1	0.85	No	No	New	n/a
						1.4				

FENESTRATION / GLAZING	
------------------------	--

FENESTRATION	N / GLAZING														
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
Name	Туре	Surface	Orientatio n	Azimuth	Width (ft)	Heigh t (ft)	Mult.	Area (ft <sup>2</sup> )	U-factor	U-factor Source	SHGC	SHGC Source	Exterior Shading	Status	Verified Existing Condition
w-Ex	Window	Left Wall: EX	Left	106			1	6.3	0.55	Table 110.6-A	0.67	Table 110.6-B	Bug Screen	Existing	No
x-Ex	Window	Left Wall: EX	Left	106	>		1	6.3	0.55	Table 110.6-A	0.67	Table 110.6-B	Bug Screen	Existing	No
bb-Ex	Window	Left Wall: EX	Left	106			1	8.1	0.55	Table 110.6-A	0.67	Table 110.6-B	Bug Screen	Existing	No
y-Ex	Window	Back Wall: EX	Back	196			1	8	0.55	Table 110.6-A	0.67	Table 110.6-B	Bug Screen	Existing	No
z-Ex	Window	Back Wall: EX	Back	196			1	33.3	0.55	Table 110.6-A	0.67	Table 110.6-B	Bug Screen	Existing	No
aa-Ex	Window	Back Wall: EX	Back	196			1	8	0.55	Table 110.6-A	0.67	Table 110.6-B	Bug Screen	Existing	No

CA Building Energy Efficiency Standards - 2022 Residential Compliance

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10

U-factor

0.55

0.55

0.55

0.55

0.3

0.3

0.3

0.3

0.3

0.3

0.55

0.55

11

**U**-factor

Source

Table

110.6-A

Table

110.6-A

Table

110.6-A

Table

110.6-A

NFRC

NFRC

NFRC

NFRC

NFRC

NFRC

Table

110.6-A

Table

110.6-A

04

Orientatio

n

Back

Back

Right

Front

Front

Front

Front

Left

Left

Left

Left

Left

06

Width

(ft)

05

Azimuth

196

196

286

16

16

16

16

106

106

106

106

106

07

Heigh

t (ft)

08

Mult.

1

1

1

1

1

1

1

1

1

1

1

09

Area

(ft<sup>2</sup>)

16.7

5.2

5.2

10.8

20

43.7

3

65

6.5

30

10.8

5.5

Project Name: 24027 - An Lee Addition

Calculation Description: Title 24 Analysis

02

Туре

Window

03

Surface

Back Wall:

ΕX

Back Wall:

EΧ

Right Wall:

EX

Front Wall:

EX 2

Front Wall:

EX 2

Front Wall:

EX 2

Front Wall:

EX 2

Left Wall: EX

2

Left Wall: EX

2

Left Wall: EX

Left Wall: EX

2

Left Wall: EX

2

**FENESTRATION / GLAZING** 

01

Name

cc-Ex

dd-Ex

ee-Ex

t-Ex

Entry-Alt

I-New

I-Alt

J-Alt

K-New

L-Alt

m-Ex

p-Ex

Calculation Date/Time: 2025-02-05T17:36:36-08:00 Input File Name: 24027- MA Rev 1 v93.ribd22x

12

SHGC

0.67

0.67

0.67

0.67

0.35

0.35

0.35

0.35

0.35

0.35

0.67

0.67

13

SHGC Source

Table

110.6-B

Table

110.6-B

Table

110.6-B

Table

110.6-B

NFRC

NFRC

NFRC

NFRC

NFRC

NFRC

Table

110.6-B

Table

110.6-B

14

Exterior

Shading

Bug Screen

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15

Status

Existing

Existing

Existing

Existing

Altered

New

Altered

Altered

New

Altered

Existing

Existing

### (Page 6 of 13)

16

Verified

Existing

Condition

No

No

No

No

No

NA

No

No

NA

No

No

No

Calculation Description: Title 24 Analysis

FENESTRATION	N / GLAZING														
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
Name	Туре	Surface	Orientatio n	Azimuth	Width (ft)	Heigh t (ft)	Mult.	Area (ft <sup>2</sup> )	U-factor	U-factor Source	SHGC	SHGC Source	Exterior Shading	Status	Verified Existing Condition
E-New	Window	Back Wall: New	Back	196			1	6.7	0.3	NFRC	0.35	NFRC	Bug Screen	New	NA
F-New	Window	Right Wall: Ext	Right	286			1	6.7	0.3	NFRC	0.35	NFRC	Bug Screen	New	NA
G-New	Window	Right Wall: Ext	Right	286		K	1	35	0.3	NFRC	0.35	NFRC	Bug Screen	New	NA
SLAB FLOORS										1					
01		02	03		04		05	1	06		07	08	09		10
Name	z	one	Area (ft <sup>2</sup> )	Perim	eter (ft)	E	dge Insu- value a	ul. nd	Edge Insu R-value ar	ıl. nd Carpe	eted Fraction	Heated	Stat	us	Verified Existi

Slab-on-Gr ΕX

OPAQUE SUI

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CF1R-PRF-01-E (Page 5 of 13)

n/a

Input File Name: 24027- MA Rev 1 v93.ribd22x

Calculation Date/Time: 2025-02-05T17:36:36-08:00 11 Verified Existing Condition





CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD

Project Name: 24027 - An Lee Addition

Calculation Description: Title 24 Analysis

Calculation Date/Time: 2025-02-05T17:36:36-08:00 Input File Name: 24027- MA Rev 1 v93.ribd22x

FENESTRATIO	N / GLAZING														
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
Name	Туре	Surface	Orientatio n	Azimuth	Width (ft)	Heigh t (ft)	Mult.	Area (ft <sup>2</sup> )	U-factor	U-factor Source	SHGC	SHGC Source	Exterior Shading	Status	Verified Existing Condition
n-Ex	Window	Back Wall: EX 2	Back	196			1	10.8	0.55	Table 110.6-A	0.67	Table 110.6-B	Bug Screen	Existing	No
o-Ex	Window	Back Wall: EX 2	Back	196			1	8.8	0.55	Table 110.6-A	0.67	Table 110.6-B	Bug Screen	Existing	No
q-Ex	Window	Back Wall: EX 2	Back	196		2	1	27	0.55	Table 110.6-A	0.67	Table 110.6-B	Bug Screen	Existing	No
r-Ex	Window	Right Wall: EX 2	Right	286			1	8.8	0.55	Table 110.6-A	0.67	Table 110.6-B	Bug Screen	Existing	No
s-Ex	Window	Right Wall: EX 2	Right	286			1	10.8	0.55	Table 110.6-A	0.67	Table 110.6-B	Bug Screen	Existing	No
H-Alt	Window	Right Wall: EX 2	Right	286	/	-	1	7.3	0.3	NFRC	0.35	NFRC	Bug Screen	Altered	No
V-New	Window	Right Wall: EX 2	Right	286			1	33.4	0.3	NFRC	0.35	NFRC	Bug Screen	New	NA
u-Ex	Window	Right Wall: EX 2	Right	286			1	10.8	0.55	Table 110.6-A	0.67	Table 110.6-B	Bug Screen	Existing	No
A-New	Window	Front Wall: New	Front	16			1	35	0.3	NFRC	0.35	NFRC	Bug Screen	New	NA
B-New	Window	Front Wall: New	Front	16			1	6.7	0.3	NFRC	0.35	NFRC	Bug Screen	New	NA
C-New	Window	Left Wall: Ext	Left	106			1	11.7	0.3	NFRC	0.35	NFRC	Bug Screen	New	NA
D-New	Window	Back Wall: New	Back	196			1	6.7	0.3	NFRC	0.35	NFRC	Bug Screen	New	NA
Pogistration	Jumbor: 425	D010028500A					D/	aistrati	on Doto/Tim	02/05/202	05 19.10	ЦСІ	PS Provider: CL		

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#### CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD

Project Name: 24027 - An Lee Addition

Calculation Date/Time: 2025-02-05T17:36:36-08:00 Input File Name: 24027- MA Rev 1 v93.ribd22x

CF1R-PRF-01-E

RS									
	02	03	04	05	06	07	08	09	10
9	Zone	Area (ft <sup>2</sup> )	Perimeter (ft)	Edge Insul. R-value and Depth	Edge Insul. R-value and Depth	Carpeted Fraction	Heated	Status	Verified Existing Condition
rade:	Existing Home	562	103	none	0	100%	No	Existing	No

PAQUE SURFACE CONSTR	RUCTIONS						
01	02	03	04	05	06	07	08
Construction Name	Surface Type	Construction Type	Framing	Total Cavity R-value	Interior / Exterior Continuous R-value	U-factor	Assembly Layers
R-0 Wall	Exterior Walls	Wood Framed Wall	2x4 @ 16 in. O. C.	R-0	None / None	0.361	Inside Finish: Gypsum Board Cavity / Frame: no insul. / 2x4 Exterior Finish: 3 Coat Stucco
R-15 Wall	Exterior Walls	Wood Framed Wall	2x4 @ 16 in. O. C.	R-15	None / None	0.095	Inside Finish: Gypsum Board Cavity / Frame: R-15 / 2x4 Exterior Finish: 3 Coat Stucco

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**CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD** 

03

**Construction Type** 

Wood Framed

Ceiling

Wood Framed

Ceiling

Wood Framed Floor

Wood Framed

Ceiling

Wood Framed

Ceiling

Wood Framed

Ceiling

Wood Framed Floor

04

Framing

2x4 @ 24 in. O. C.

2x8 @ 24 in. O. C.

2x8 @ 16 in. O. C.

2x4 @ 24 in. O. C.

2x4 @ 24 in. O. C.

2x4 @ 24 in. O. C.

2x8 @ 16 in. O. C.

02

Surface Type

Attic Roofs

Attic Roofs

Floors Over

Crawlspace

Ceilings (below

attic)

Ceilings (below

attic)

Ceilings (below

attic)

Interior Floors

Project Name: 24027 - An Lee Addition Calculation Description: Title 24 Analysis

OPAQUE SURFACE CONSTRUCTIONS

01

Construction Name

Attic RoofExisting Home

Attic RoofAddition

R-19 Floor Crawlspace

R-0 Roof Attic

R-38 Roof Attic

R-38 Rafter Roof Attic

**R-0 Floor Crawlspace** 

Calculation Date/Time: 2025-02-05T17:36:36-08:00 Input File Name: 24027- MA Rev 1 v93.ribd22x

06

Interior / Exterio

Continuous

R-value

None / 0

None / 0

None / None

05

**Total Cavity** 

R-value

R-0

R-38

R-19

R-0

R-38

R-0

R-0

07

U-factor

0.644

0.031

0.049

0.481

0.025

0.481

0.198

Floor Surface: Carpeted

Floor Deck: Wood

Siding/sheathing/decking

Cavity / Frame: no insul. / 2x8

Ceiling Below Finish: Gypsum Board

CF1R-PRF-01-E

(Page 9 of 13)

Calculation Description: Title 24 Analysis of Ca\ WATER HEATING - HERS VERIFICATION 02 03 04 05 06 07 01 08 **Compact Distribution** Shower Drain Water Hea **Pipe Insulation Parallel Piping Compact Distribution Recirculation Control** Name Туре Recovery **Assembly Layers** DHW Sys 1 - 1/1 Not Required Not Required Not Required None Not Required Not Required Roofing: Light Roof (Asphalt Shingle) SPACE CONDITIONING SYSTEMS Roof Deck: Wood Siding/sheathing/decking 04 05 06 07 08 09 10 12 02 03 11 01 Cavity / Frame: no insul. / 2x4 Heating Cooling Required Verified Distribution Roofing: Light Roof (Asphalt Shingle) leating Unit Cooling Uni cisting HVAC Name System Type Equipment Fan Name Status Existing Equipment Thermosta Roof Deck: Wood Name Name Name System Condition Count Count Type Siding/sheathing/decking Cavity / Frame: R-26.9 / 2x8 Heat pump Air Heat Pump Heat Pump Around Roof Joists: R-11.1 insul. Alt HVAC1 Altered HVAC Fan 1 heating Distribution Setback No System 1 System 1 cooling System 1 Floor Surface: Carpeted Floor Deck: Wood HVAC - HEAT PUMPS Siding/sheathing/decking Cavity / Frame: R-19 in 5-1/2 in. (R-18) / 01 02 03 04 05 06 07 08 09 10 11 12 13 2x8 Cooling Heating Cavity / Frame: no insul. / 2x4 Inside Finish: Gypsum Board Zonally mpresso lumber o Heating Cooling System Type HERS Verification Name HSPF/HS SEER/SE EER/EER Units Controlled Type Efficiency Cap 47 Cap 17 Efficiency PF2/COF ER2 2/CEEF Туре Over Ceiling Joists: R-28.9 insul. Type Cavity / Frame: R-9.1 / 2x4 Heat Pump Single Heat Pump System Inside Finish: Gypsum Board 52000 Central split HP HSPF2 9.2 60000 EER2SEER2 16 11.7 1 Not Zonal Speed 1-hers-htpump System 1 Cavity / Frame: no insul. / 2x4 Inside Finish: Gypsum Board HVAC HEAT PU

> Name Heat Pump Sys

 

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Calculation Description: Title 24 Analysis

01 Name Air Distribution System 1 HVAC DISTRIBUT 01

Name

Air Distribu System 1-her

Registration Number: 425-P010038599A-000-000-0000000-0000 Registration Date/Time: 02/05/2025 18:10 HERS Provider: CHEERS NOTICE: This document has been generated by California Home Energy Efficiency Rating Services (CHEERS) using information uploaded by third parties not affiliated with or related to CHEERS. Therefore, CHEERS is not responsible for, and cannot guarantee, the accuracy or completeness of the information contained in this document. CA Building Energy Efficiency Standards - 2022 Residential Compliance Report Version: 2022.0.000 Report Generated: 2025-02-05 17:37:21 Schema Version: rev 20220901 CF1R-PRF-01-E (Page 10 of 13) Calculation Date/Time: 2025-02-05T17:36:36-08:00 Input File Name: 24027- MA Rev 1 v93.ribd22x 02 03 04 05 06 07 08 terior / Exter Total Cavity **Construction Type** Surface Type Framing U-factor Assembly Layers Continuous **R**-value R-value Floor Surface: Carpeted Floor Deck: Wood 0.196 Interior Floors Wood Framed Floor 2x12 @ 16 in. O. C. R-0 None / None Siding/sheathing/decking Cavity / Frame: no insul. / 2x12 Ceiling Below Finish: Gypsum Board **BUILDING ENVELOPE - HERS VERIFICATION** 01 03 05 Quality Insulation Installation (QII) High R-value Spray Foam Insulation Building Envelope Air Leakage CFM50 CFM50 Not Required N/A n/a n/a 03 04 05 07 08 09 10 12 02 06 11 Verified Existing Water Distribution Water Heater Solar Heating Compact HERS Water Heater umber ( System Type Status Existing Heating Туре Name Units System Distribution Verification Name (#) Condition System **DHW Heater DHW Heater** Domestic Ho Standard n/a None n/a Altered No Water (DHW) 1 (1) 02 03 04 05 06 07 08 Iн NEEA Heat Pump **NEEA Heat Pump** # of Units Tank Vol. (gal) **Tank Location** Duct Inlet Air Source Duct Outlet Air Source Brand Model XE80T10HMS00U0 Existing Home DHW Heater 1 1 80 Rheem Outside Existing Home (80 gal, JA13)

## **CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD** Project Name: 24027 - An Lee Addition Calculation Description: Title 24 Analysis OPAQUE SURFACE CONSTRUCTIONS 01 Construction Name

2x12 R-0 Floor No Crawlsp

Not Required WATER HEATING SYSTEMS 01 Name DHW Sys 1 WATER HEATERS - NEEA HEAT PUMP 01 Name

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#### CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD

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VAC HEAT PUMPS -	HERS VERIFICATION							
01	02	03	04	05	06	07	08	09
Name	Verified Airflow	Airflow Target	Verified EER/EER2	Verified SEER/SEER2	Verified Refrigerant Charge	Verified HSPF/HSPF2	Verified Heating Cap 47	Verified Heating Cap 17
leat Pump System 1-hers-htpump	Required	350	Not Required	Required	No	Yes	Yes	Yes

#### CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD

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HVAC - DISTRI	BUTION SYSTEI	MS													
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
Name T	Тупе	Design Type	Duct R-va	t Ins. alue	Du Loca	uct ation	Surfac	e Area	Bynass Duct	Duct Leakage	HERS	Status	Verified	Existing	New Ducts
	Туре		Suppl y	Retur n	Suppl y	Retur n	Suppl y	Retur n	bypass Duct	Duct Leakage	Verification	Status	Condition	system	>= 25 ft
Air Distribution System 1	Unconditio ned crawl space	Non- Verified	R-6	R-6	Cra wl Spa ce	Cra wl Spa ce	n/a	n/a	No Bypass Duct	Sealed and Tested	Air Distribution System 1-hers-dist	Alteration	No		n/a

	02	03	04	05	06	07	08	09
	Duct Leakage Verification	Duct Leakage Target (%)	Verified Duct Location	Verified Duct Design	Buried Ducts	Deeply Buried Ducts	Low-leakage Air Handler	Low Leakage Ducts Entirely in Conditioned Space
ition rs-dist	Yes	10.0	Not Required	Not Required	Not Required	Credit not taken	Not Required	No

HVAC - FAN SYSTEMS			
01	02	03	04
Name	Туре	Fan Power (Watts/CFM)	Name
HVAC Fan 1	HVAC Fan	0.45	HVAC Fan 1-hers-fan

IEMS - HERS VERIFICATION								
01	02	03						
Name	Verified Fan Watt Draw	Required Fan Efficacy (Watts/CFM)						
HVAC Fan 1-hers-fan	Required	0.45						

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CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMP	LIANCE METHOD CF1R-P	RF-01-۱،			
Project Name: 24027 - An Lee Addition	Calculation Date/Time: 2025-02-05T17:36:36-08:00 (Page 1	13 of 13			
Calculation Description: Title 24 Analysis	Input File Name: 24027- MA Rev 1 v93.ribd22x				
DOCUMENTATION AUTHOR'S DECLARATION STATEMENT					
1. I certify that this Certificate of Compliance documentation is accurate and	complete.				
Documentation Author Name: Michelle Austin	Documentation Author Signature: Michelle Austin				
Company: Gabel Energy	Signature Date: 02/05/2025				
Address: 20825 Nunes Avenue Suite A	CEA/ HERS Certification Identification (If applicable): R22-15-40014 Certification of Building Energy	y Consultants			
City/State/Zip: Castro Valley, CA 94546	Phone: 510-428-0803	Phone: 510-428-0803			
RESPONSIBLE PERSON'S DECLARATION STATEMENT					
<ol> <li>I certify the following under penalty of perjury, under the laws of the State of California</li> <li>I am eligible under Division 3 of the Business and Professions Code to acce</li> <li>I certify that the energy features and performance specifications identified</li> <li>The building design features or system design features identified on this Certifications, plans and specifications submitted to the enforcement agence</li> </ol>	a: pt responsibility for the building design identified on this Certificate of Compliance. I on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulat ertificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets y for approval with this building permit application.	tions. :s,			
Responsible Designer Name: Christopher Linvill	Responsible Designer Signature: Christopher Linvill				
Company: Linvill Pond Architects	Date Signed: 02/05/2025				
Address: 5427 Telegraph Avenue Suite A	License: C28395				
City/State/Zip: Oakland, CA 94609	Phone: 5102067745				

Digitally signed by California Home Energy Efficiency Rating Services (CHEERS). This digital signature is provided in order to secure the content of this registered document, and in no way implies Registration Provider responsibility for the accuracy of the information.

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Ce	TINVILL POND	ARCHITECTS
CA 94706	5427 Telegraph Ave, Suite A Oakland CA 94609	v 510.547.7196 f 510.601.7196

	All Lee Residence	1504 Sonoma Avenue Albany, CA 9470
02.14.2024	Building	
Date:	Type:	Drawn by:
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