

2-21

TOWN OF FAIRFAX

Assessor's Map Bk. 2 - Pg. 21

County of Marin, Calif.

	Sheet List	
Sheet Number	Sheet Name	
A99	Project Data	
A99.5	Existing Site Plan	
A100	Proposed Site Plan	
A102	Existing & Proposed	
A103	Garage Electrical Plan	
A104	North Elevation	
A105	South Elevation	
A106	West Elevation	
A107	East Elevation	
A109	Building Sections	
A111	Survey of Record	
A112	Record Detail	
A112	Record of Survey	
A113	Site Sections	
A114	Shed Elevation	

PROJECT DIRECTORY

Design Builder: Peter Brandelius 51 Belle Avenue Fairfax CA 94930 Mobile: 415-235-0278 peterbrandelius@comcast.net

Rye Jorgensen P.O. Box 812 Petaluma CA 94953

DESIGN COMPLIANCE

2019 California Building Volumes 1 & 2

2019 California Mechanical Code

2019 California Plumbing Code

2019 California Electrical Code

2019 California Existing Buildings Code

2019 California Fire Code

2019 California Energy Code

2019 California Residential Building Code

2019 California Green Building Standards Code

2019 Mandatory Measures

2019 County/Municipal Codes & Ordinances

No.	Description	Date
1	Revision	12/27/21
2	Revision	12/8/21
3	Planning Resubmit	8/23/21

Brandelius 51 Belle Avenue

Project Data

Project number

Peter Brandelius
Peter Brandelius

Issue Date

NOTE: THIS PROJECT SHALL COMPLY WITH THE FOLLOWING

American Legal Publishing - Online Library

The following parts of Title 24, California Code of Regulations are adopted by reference as construction codes for the Town of Fairfax, subject to the modifications included later in this Cha

(A) 2019 edition of the California Administrative Code (Title 24 Part 1).

(B) 2019 edition of the California Building Code (Title 24 Part 2) based upon the 2018 Intern Building Code (IBC), including:

(1) Division II of Chapter 1, but not Section 113;

(2) Appendix Chapter A, Employee Qualifications;

(3) Appendix Chapter G, Flood-Resistant Construction;

(4) Appendix Chapter H, Signs;

(5) Appendix Chapter I, Patio Covers; and

(6) Appendix Chapter J, Grading.

(C) 2019 edition of the California Residential Code (Title 24 Part 2.5) based on the 2018 International Residential Code (IRC) including:

(1) Division II of Chapter 1, but not Section 112;

(2) Appendix Chapter V Swimming PoolsSafety Act;

(3) Appendix Chapter H Patio Covers; and

(4) Appendix Chapter J Existing Buildings and Structures.

(D) 2019 edition of the California Electrical Code (Title 24 Part 3) based upon the 2017 Nation Electrical Code (NEC), including:

(1) Article 89, but not Section 89.108.8.

(E) 2019 edition of the California Mechanical Code (Title 24 Part 4) based upon the 2018 Ur Mechanical Code (UMC), including:

(1) Division II of Chapter 1, but not Section 107.0, 107.1, 107.2.

(F) 2019 edition of the California Plumbing Code (Title 24 Part 5) based upon the 2018 Unifo Plumbing Code (UPC), including:

(1) Division II of Chapter 1, but not Section 107.0 or 107.1, 107.2.

(G) 2019 edition of the California Energy Code (Title 24 Part 6).

(H) 2019 edition of the California Historical Building Code (Title 24 Part 8).

(I) 2019 edition of the California Existing Building Code (Title 24 Part 10) based upon the 20 International Existing Building Code (IEBC) including:

(1) Appendix Chapter A1 Seismic Strengthening Provisions For Unreinforced Masonry Beautiful Appendix Chapter A1 Seismic Strengthening Provisions For Unreinforced Masonry Beautiful Appendix Chapter A1 Seismic Strengthening Provisions For Unreinforced Masonry Beautiful Appendix Chapter A1 Seismic Strengthening Provisions For Unreinforced Masonry Beautiful Appendix Chapter A1 Seismic Strengthening Provisions For Unreinforced Masonry Beautiful Appendix Chapter A1 Seismic Strengthening Provisions For Unreinforced Masonry Beautiful Appendix Chapter A1 Seismic Strengthening Provisions For Unreinforced Masonry Beautiful Appendix Chapter A1 Seismic Strengthening Provisions For Unreinforced Masonry Beautiful Appendix Chapter A1 Seismic Strengthening Provisions For Unreinforced Masonry Beautiful Appendix Chapter A1 Seismic Strengthening Provisions For Unreinforced Masonry Beautiful Appendix Chapter A1 Seismic Strengthening Provisions For Unreinforced Masonry B1 Seismic Sei

(2) Appendix Chapter A3 Prescriptive Provisions For Seismic Strengthening Of Cripple Was Sill Plate Anchorage Of Light, Wood-Frame Residential Buildings.

(3) Appendix Chapter A4 Earthquake Risk Reduction In Wood-Frame Residential Building Soft, Weak Or Open Front Walls.

 $library. amlegal. com/nxt/gateway. dll/California/fairfax_ca/title 15 buildings and construction? f=templates fn=default. htm \$3.0\$vid=amlegal: fairfax_ca fixed for the fixed function of the fixed function of the fixed fixed for the fixed function of the fixed fixed for the fixed fixed function of the fixed fixed fixed fixed fixed fixed for the fixed fixed$

American Legal Publishing - Online Library

(J) 2019 edition of the California Green Building Standards Code (CALGreen) (Title 24 Part 11), including:

(1) Appendix A4 Residential Voluntary Measures and Appendix A5 Nonresidential Voluntary Measures, Tier 1 measures, but excluding Appendix A4.2 and A5.2 (Energy Efficiency). The Tier 1 measures shall be mandatory for commercial and residential construction, and verification of such compliance shall be provided by the installer or designer.

(K) 2019 edition of the California Referenced Standards Code (Title 24 Part 12).

(L) 2018 edition of the International Property Maintenance Code, to the extent the same is not inconsistent with the California Buildings Standards Code (California Code of Regulations, Title 12, Parts 1-Part 12), as adopted and amended herein.

(M) A copy of each of these documents is maintained in the office of the Building Official, and reference is made to them with like effect as if all the provisions and printed matter therein were herein

(Ord. 773, passed 12-4-2013; Am. Ord. 803, passed 12-7-2016; Am. Ord. 841, passed 12-4-2019)

library.amlegal.com/nxt/gateway.dll/California/fairfax_ca/title15buildingsandconstruction?f=templates\$fn=default.htm\$3.0\$vid=amlegal:fairfax_ca\$anc= 2/2

Class A comp Shingle TME Painted wood shingle TME

NOTE – Assessor's Block Numbers Shown in Ellipses. Assessor's Parcel Numbers Shown in Circles.

(1) {3D}

POR. RANCHO CAÑADA DE HERRERA

CHANGES
BLK FRIORAPH NEWAPH VR AUTH

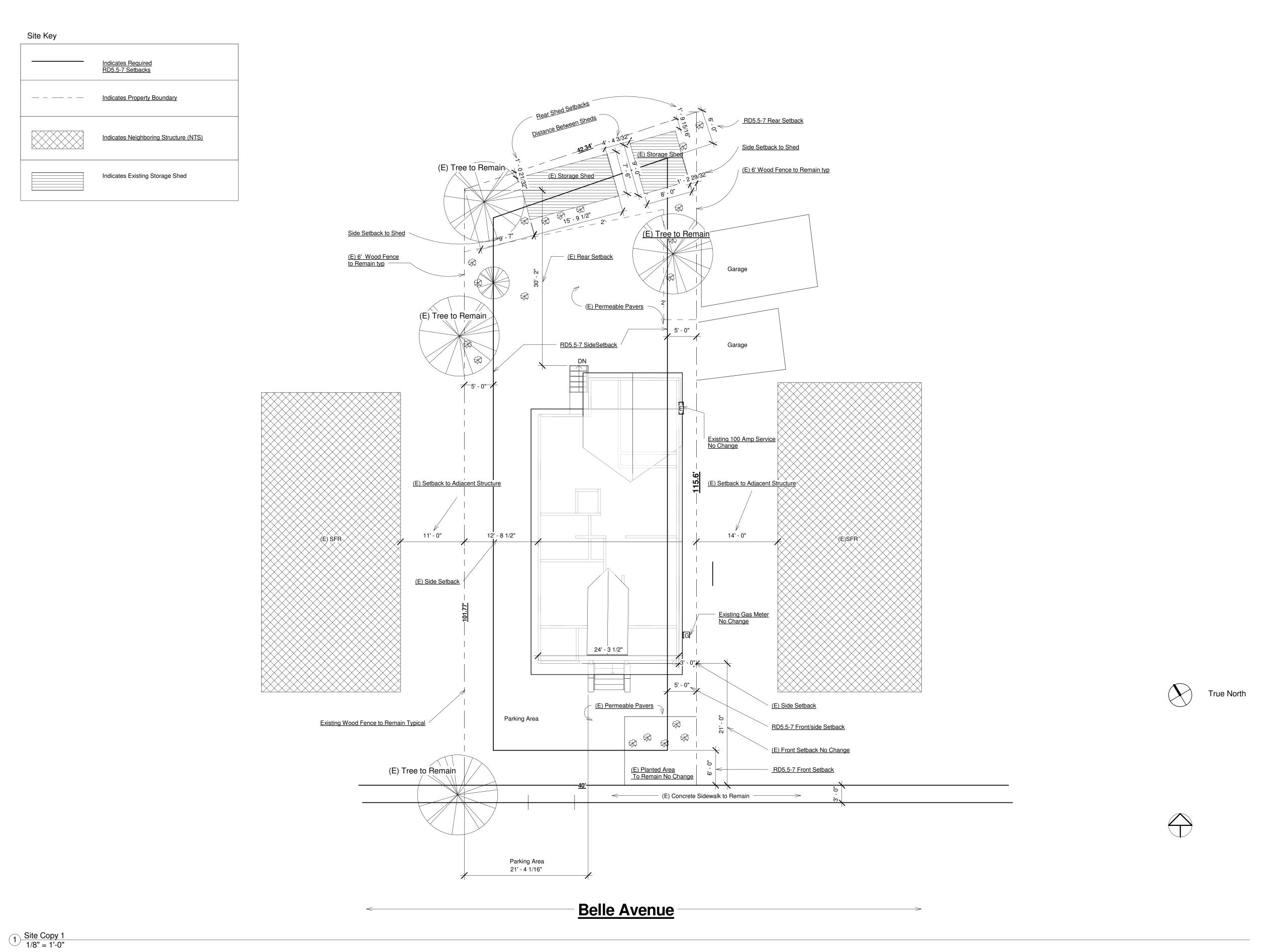
R.M. Bk.2 - Pg.II4, Fairfax Tract

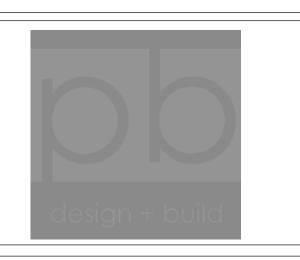
Color Rendering

Note: All painted surfaces

shall be Benjamin Moore

Amherst Gray Flat Finish TME





Design Builder:
Peter Brandelius
51 Belle Avenue
Fairfax CA 94930
Mobile: 415-235-0278
peterbrandelius@comcast.net

Engineer: Rye Jorgensen P.O. Box 812 Petaluma CA 94953

DESIGN COMPLIANCE

2019 California Building Volumes 1 & 2

2019 California Mechanical Code

2019 California Plumbing Code

2019 California Electrical Code

2019 California Existing Buildings Code

2019 California Fire Code

2019 California Energy Code

2019 California Residential Building Code

2019 California Green Building Standards Code

2019 Mandatory Measures

2019 County/Municipal Codes & Ordinances



Brandelius 51 Belle Avenue

Existing Site Plan

Project number 420

Date Issue Date

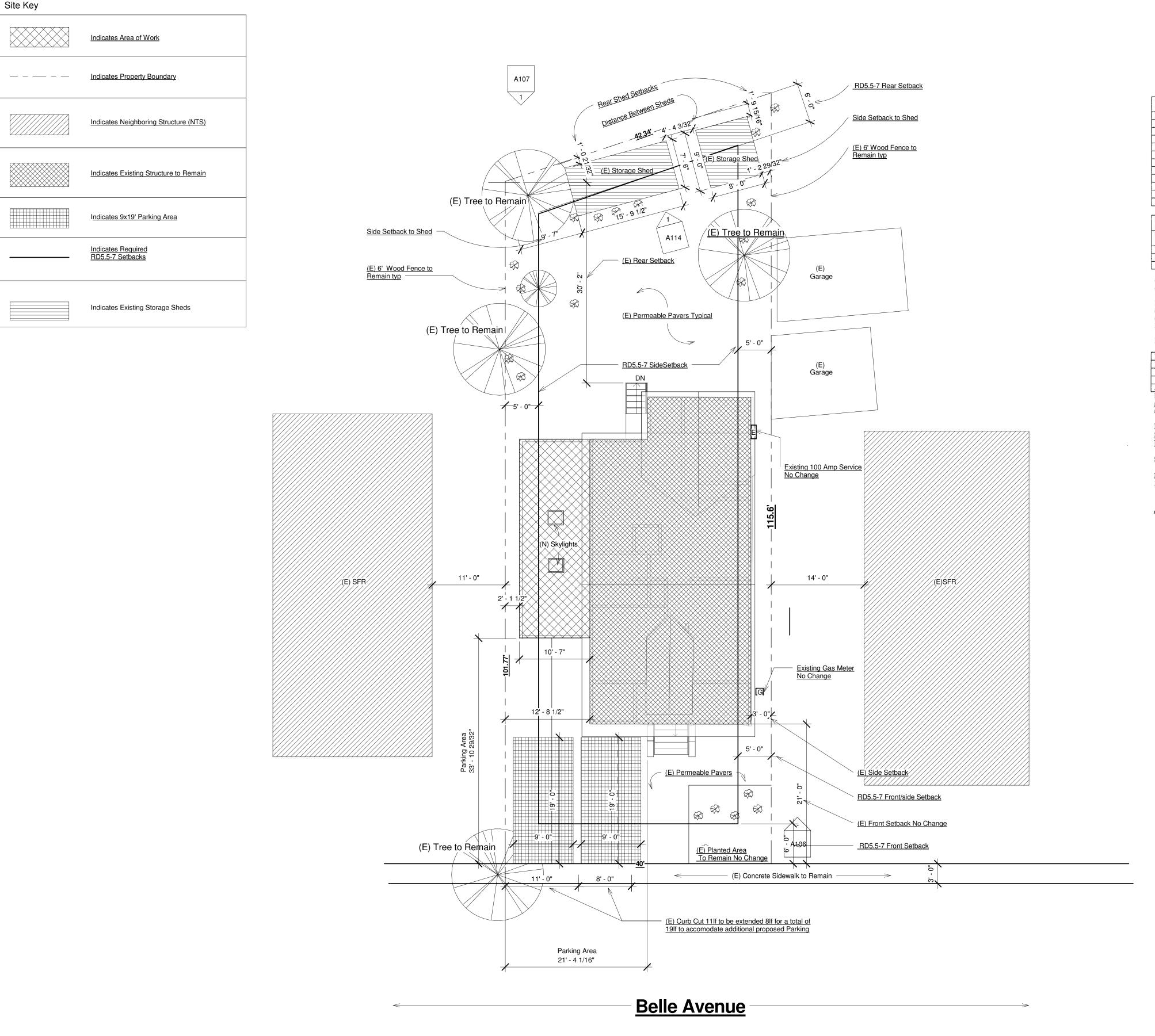
Drawn by Peter Brandelius

Checked by Peter Brandelius

A99.5

Scale

letius letius



TOWN OF FAIRFAX 142 BOLINAS ROAD FAIRFAX, CA. 94930

SUMMARY OF FAIRFAX ZONING REQUIREMENTS SINGLE FAMILY AND DUPLEX ZONES

For complete information, please refer to the Fairfax Town Code book.

SETBACKS PRINCIPAL RS 6 Zone RS 7.5 Zone STRUCTURES (chpt. 17.42.070) (chpt. 17.40.070) (chpt. 17.44.070) Front setback - 10% slope or less Over a 10% slope Rear setback - 10% slope or less Over a 10% slope Front/Rear combination Over a 10% slope Side setback - 10% slope or less Over a 10% slope Over a 10% slope

SETBACKS ACCESSORY STRUCTURES	CORNER LOT SETBACKS
(Chapter 17.22.020A, B & C)	(Chapter 17.22.020D)
Front - 10 ft. in all zones *	10 ft. from any property line which parallels a street in all zones
Rear - 10 ft. in all zones *	
Sides - 5 ft. in all zones *	
see also combined setbacks in above table	

CREEK SETBACK (Town Code § 17.22.040) - 20 feet from the top of the creek bank or twice the depth of the creek, whichever is greater.

FLOOR AREA RATIO (FAR) (Town Ordinance 696) - the maximum floor area for single family residences and duplexes shall not exceed a ratio between house size and lot area of .40. No single-family residence or duplex shall exceed 5,000 sq. ft. Garages or parking structures that are less than 500 s.f. in size are not included in the Floor Area

LOT COVERAGE - structures and paved areas (other than driveways) may only cover 35% of the property.

HEIGHT	MAXIMUM HEIGHT AND # OF STORIES		
Principal Structures - 10% slope or less	28.5 ft. above natural grade and 2 stories		
10% slope or more and uphill	28.5 ft. above natural grade and 3 stories		
10% or more downhill slopes	35 ft. above natural grade and 3 stories		
Accessory Structures	15 ft. above natural grade and 1 story		
HEIGHT OF BUILDING (Chapter 17.04.255) - mea	Is it, above natural grade and I story us the vertical distance measured from a point on the na At no point shall the height of the building exceed the		

PARKING (Chapter 17.28)

Studio Units - 1 space, 9' x 19' in size

Units of 1 bedroom or more - 2 spaces, 9' x 19' in size and 1 guest space, 9' x 19' in size, if legal on street parking is not available along the immediate frontage of the property Spaces located parallel to another structure, the curb, sidewalk, or a sloped area, must be a minimum of 9' x 22' in size

In all residential zones, at least one of the required parking spaces must be covered in all zones Uncovered parking spaces may be located in the front yard setback but not in the side yard setback

GENZONEREGS/6_19_07/In







PROJECT DIRECTORY

<u>Design Builder:</u> Peter Brandelius 51 Belle Avenue Fairfax CA 94930 Mobile: 415-235-0278 peterbrandelius@comcast.net

Engineer: Rye Jorgensen P.O. Box 812 Petaluma CA 94953

DESIGN COMPLIANCE

2019 California Building Volumes 1 & 2

2019 California Mechanical Code

2019 California Plumbing Code

2019 California Electrical Code

2019 California Existing Buildings Code

2019 California Fire Code

2019 California Energy Code

2019 California Residential Building Code

2019 California Green Building Standards Code

2019 Mandatory Measures

2019 County/Municipal Codes & Ordinances

No.	Description	Date

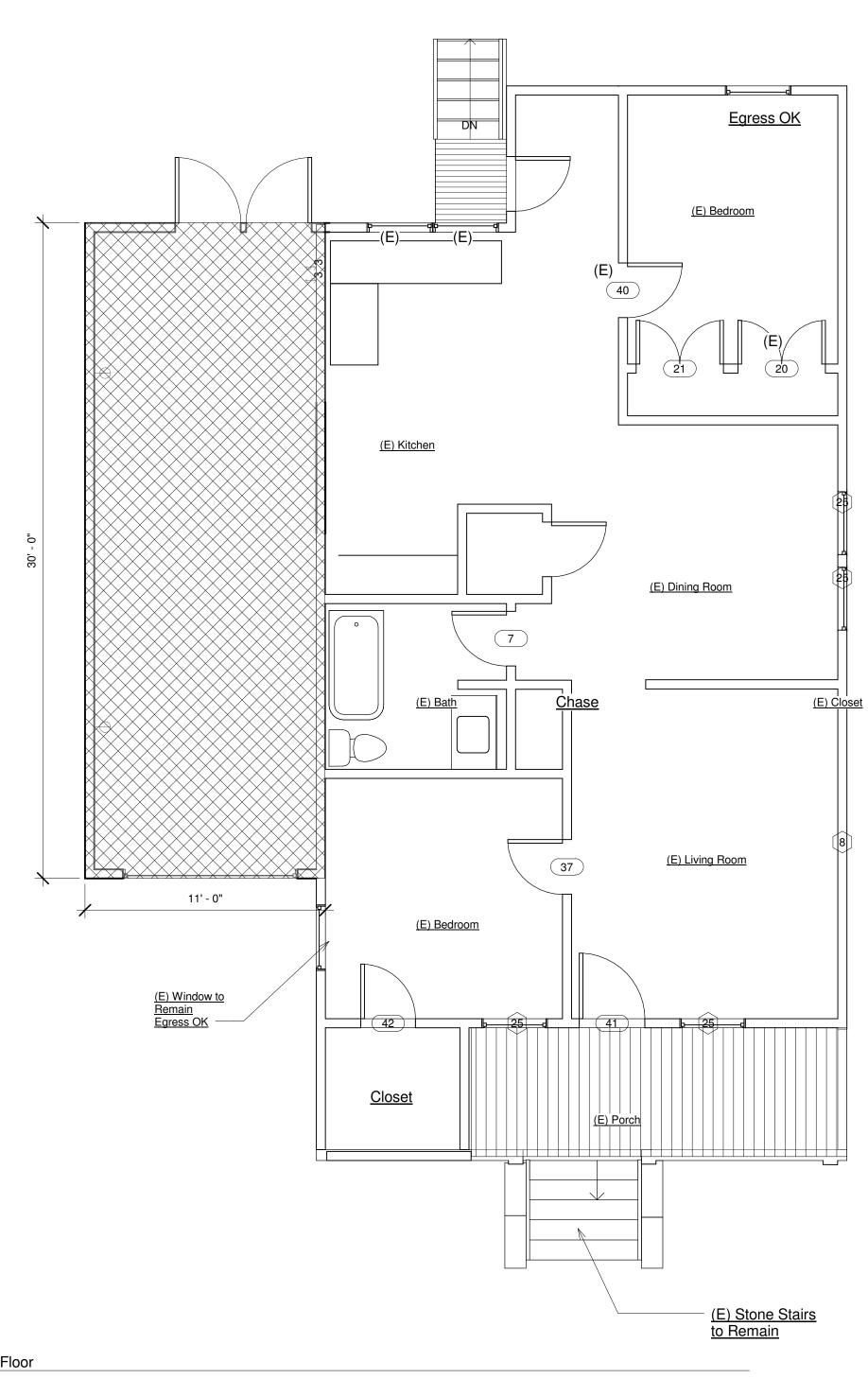
Brandelius

51 Belle Avenue Proposed Site Plan

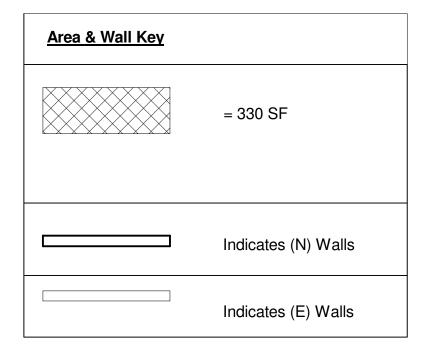
Project number Issue Date Peter Brandelius Peter Brandelius

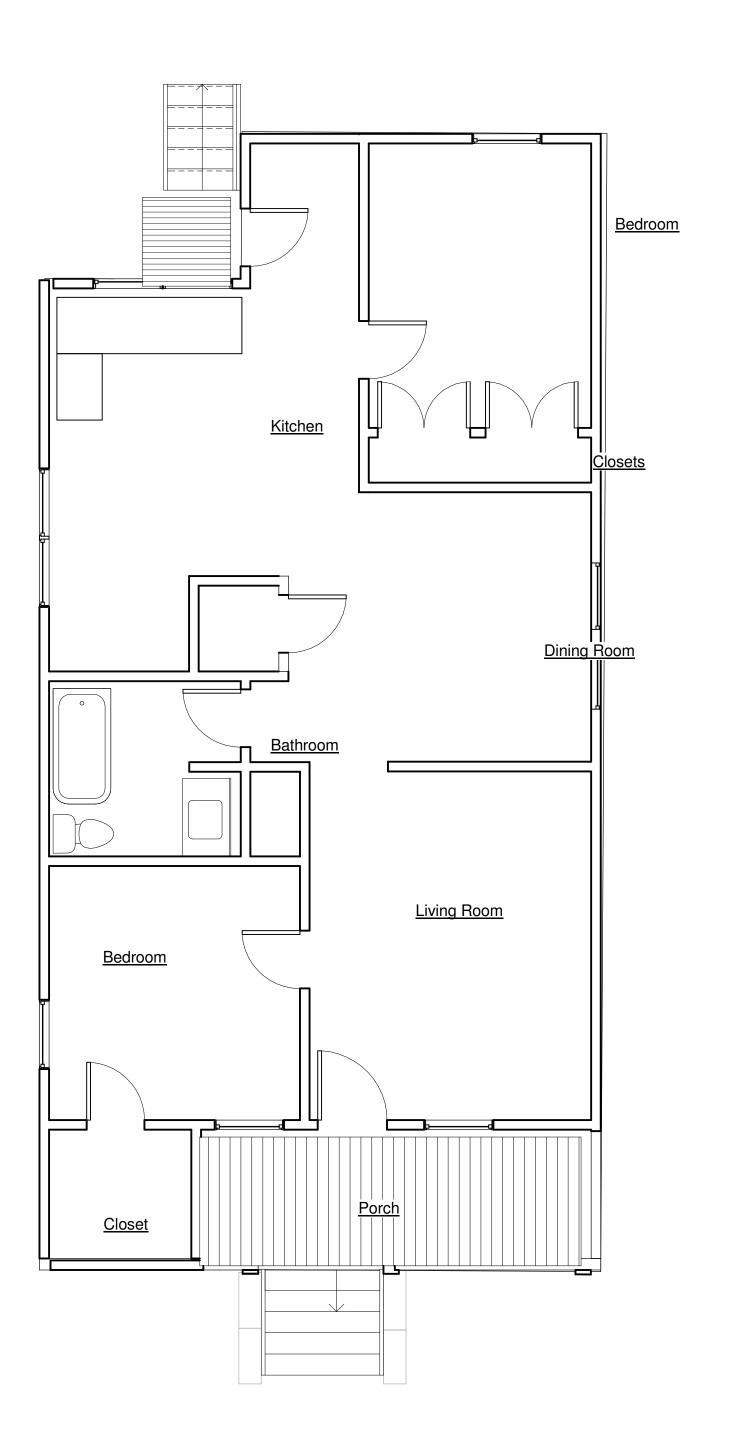
A100

1 Site 1/8" = 1'-0"

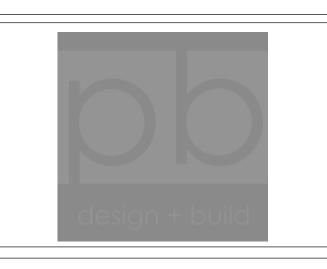


Existing First Floor
1/4" = 1'-0"





<u>Entry</u> 2 Existing First Floor 1/4" = 1'-0"



PROJECT DIRECTORY

Design Builder:
Peter Brandelius
51 Belle Avenue
Fairfax CA 94930
Mobile: 415-235-0278 peterbrandelius@comcast.net

Engineer: Rye Jorgensen P.O. Box 812 Petaluma CA 94953

DESIGN COMPLIANCE

2019 California Building Volumes 1 & 2

2019 California Mechanical Code

2019 California Plumbing Code

2019 California Electrical Code

2019 California Existing Buildings Code

2019 California Fire Code

2019 California Energy Code

2019 California Residential Building Code

2019 California Green Building Standards Code

2019 Mandatory Measures

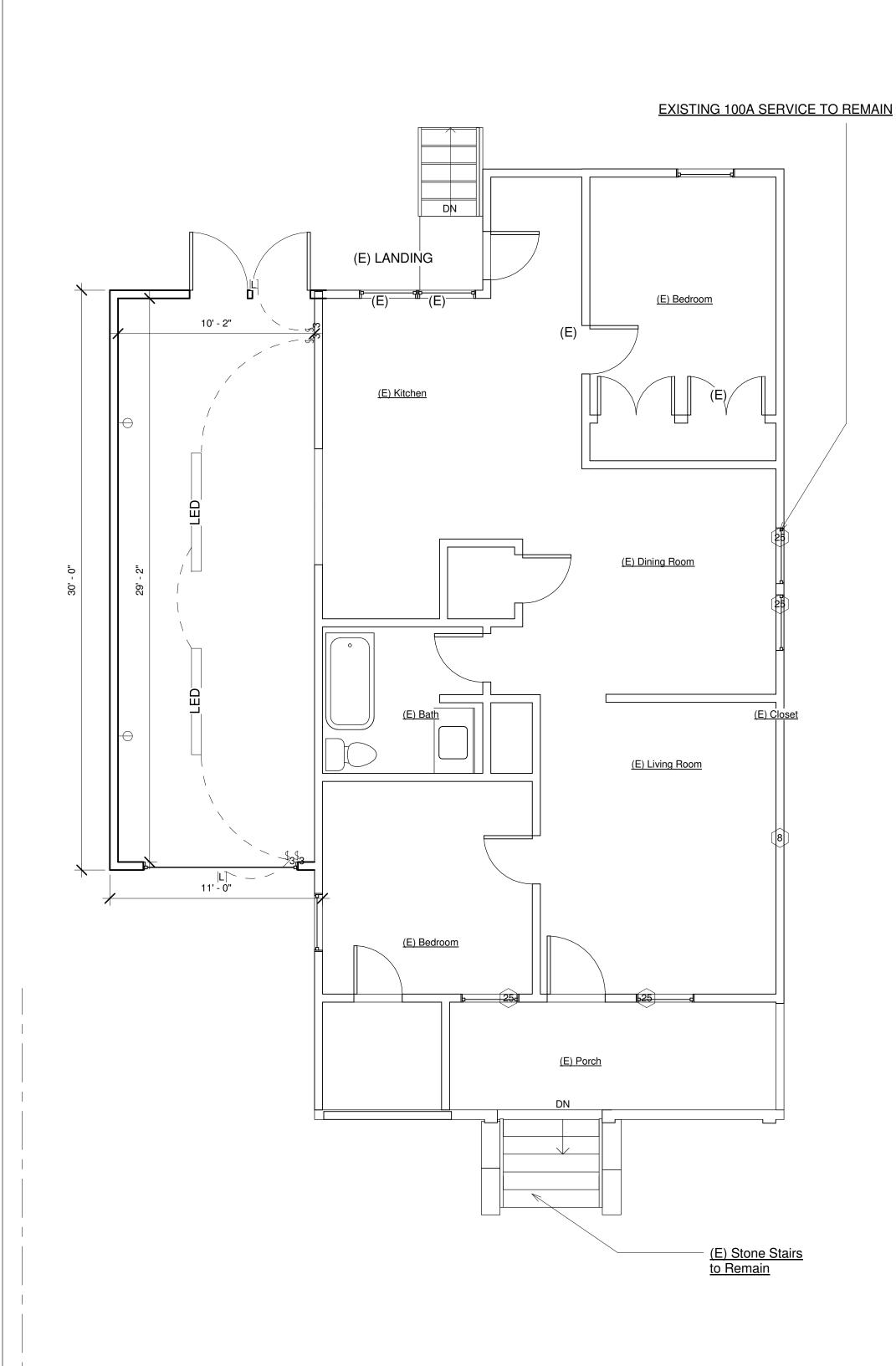
2019 County/Municipal Codes & Ordinances

Description

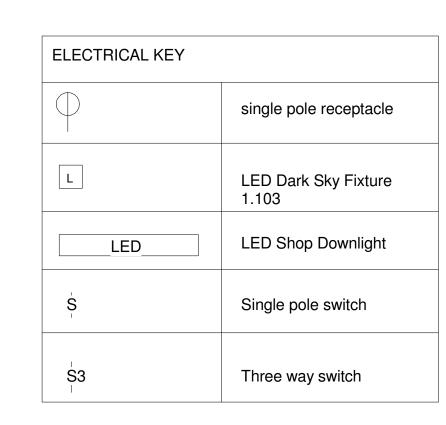
Brandelius 51 Belle Avenue

Existing & Proposed

Project number Issue Date Peter Brandelius Peter Brandelius



1 Electrical Plan
1/4" = 1'-0"



Area & Wall Key	
Garage Footprint	330 SF
	Indicates (N) Walls
	Indicates (E) Walls

ELECTRICAL NOTES

- E1. Two dedicated 20 amp GFCI protected small appliance circuits shall be provided at kitchen counters. Circuits cannor serve outside plugs, range hoods, disposals, dishwashers, refrigerators or microwaves- only the required countertop/wall outlets. C.E.C. Article 210.11 (1) & 210.52 (B)
- E2. One dedicated 20 amp GFCI protected outlets shall be provided at each bathroom C.E.C. Article 210.12 (B)
- E3. A.C. powered Smoke alarms shall be provided & **interconnected** (where possible) in the following locations per
- C.R.C. Section R314.3 a. In each existing sleeping room
 - b. Outside each separate existing sleeping area in the immediate vicinity of bedrooms
- E4. A.C. Carbon monoxide alarms/detectors shall be compliant with UL 3034 & UL 2075 per C.R.C. Section R315.3
- E5. A.C. Carbon monoxide alarms/detectors shall be installed per 2010 C.R.C. & current NFPA 720
- E6. All branch circuits that supply 125 volt, single phase, and 20 ampere receptacles installed in dwelling unit bedrooms, family rooms, dining rooms, closets, hallways, living rooms, parlors, libraries, dens, sunrooms, recreation rooms, or simil rooms shall be protected by an arc-fault circuit interrupter. Interrupter listed to provide protection of entire branch circuit. C.E.C. Article 210.12 (B)
- E7. Each receptacle for fixed appliances shall shall remain accessible.
- E8. Each Fixed appliance shall be suppplied by a rated separate branch circuit for the unit or load served.
- E9. Electrician shall label all circuits at subpanel. Maintain 36" clearance
- E10. In all defined space outlets shall be installed so that no point along the floor line on any wall space is more than six feet measured horizontally from an outlet in that space.
- E11. All new low voltage halogen light shall be controlled by electronically dimmed switching or controlled by an occupant sensor that does not turn on automatically or have an always on on option.
- E12. All new recessed luminaires located in insulated ceilings shall be I.C. rated, electronic ballast, and Air-tight (AT)
- E13. Contractor shall submit load calculations for the sizing of new subpanel information to the building department for approval prior to installation.
- E14. Electrician to provide new UFER ground at new foundation if existing ground is deemed noncompliant (V.I.F)
- E15. Electrician shall provide bonding for water and gas piping.
- E16. As prescribed by SMFD & current NFPA regululations at least 4" tall address numbers shall be placed adjacent to front entry door. Numbers must be clearly visible from street. Numbers may only be internally illuminated or by an adjacent light controlled by a photocell and switched only by a dedicated breaker so both remain illuminated all night.
- E17. Lighting in bathrooms, garages, laundry rooms & utility rooms must be high efficacy or be controlled by a manual-on
- E18. Outdoor lighting attached to the building shall be high efficacy or controlled by occupant sensors with integral photo control
- E 19. All 125 volt and 15 and 20 amp receptacles in the dwelling shall be tamper resistant per C.E.C. Article 406.11

Vist our web site at www.SeaGullLighting.com 8547701EN-04 - page 1 of 1





Connection: Mounted To Box

Bulbs:

1 - LED Medium A19 10w Max. 120v - included

that deliver exceptional performance.

Features:

 ENERGY STAR® Qualified Dark sky friendly. Designed to emit no light above the 90° horizontal plane. Photometry unavailable. LED Bulbs are an efficient, versatile and durable light source

Extends: 11 5/8"

Wire: 6" (color/Black/White) Mounting Proc.: Single Cap Nut

 Meets Title 24 energy efficiency standards Title 24 compliant when used with included Joint Appendix (JA8) approved lamp.

UPC #:785652023675

Finish: Satin Aluminum (04)

Collection: Fredricksburg

Material List: 1 Body - Aluminum - Satin Aluminum Safety Listing:

Safety Listed for Wet Locations

Instruction Sheets: Trilingual (English, Spanish, and French) (990W8_47701-FRB)

Type	H	leight / Len	gth	Width	Depth	Diame	ter	Outle	et Box Up		Outlet Bo	k Down
Back Plate	9				1 1/8	4 3/-	4	,	5 3/4		6 1/	4
Replacemen	t Bulb Dat	a:										
Product #			Туре	Base	Watts	Watts 0	onsumed	Volts	Hours	Lume	ns Temp (°	K) CRI
10A19DLED27	JA8 Frosted		A19	Medium	10		10	120v	2500	00 80	0 2700	90
Shipping Inf			Quantity	Tupc		Length	Width	Height	Cube	Weight	Frt. Class	UPS Ship
Package Type	Product #						VVIGUI	Height	Cube	weight	TIL Class	Or o omp
Package Type	8547701F	N-04	qualitity 1		3675		14.5	12	1 46	3.4	250	Yes
Package Type Individual NJ Pallet	8547701E	N-04	1 50	78565202	3675	14.5 48	14.5 40	12 64	1.46 71.111	3.4 170	250	Yes No



PROJECT DIRECTORY

<u>Design Builder:</u> Peter Brandelius 51 Belle Avenue Fairfax CA 94930 Mobile: 415-235-0278 peterbrandelius@comcast.net

Engineer: Rye Jorgensen P.O. Box 812 Petaluma CA 94953

DESIGN COMPLIANCE

2019 California Building Volumes 1 & 2

2019 California Mechanical Code

2019 California Plumbing Code

2019 California Electrical Code

2019 California Existing Buildings Code

2019 California Fire Code

2019 California Energy Code

2019 California Residential Building Code

2019 California Green Building Standards Code

2019 Mandatory Measures

2019 County/Municipal Codes & Ordinances

No.	Description	Date

Brandelius

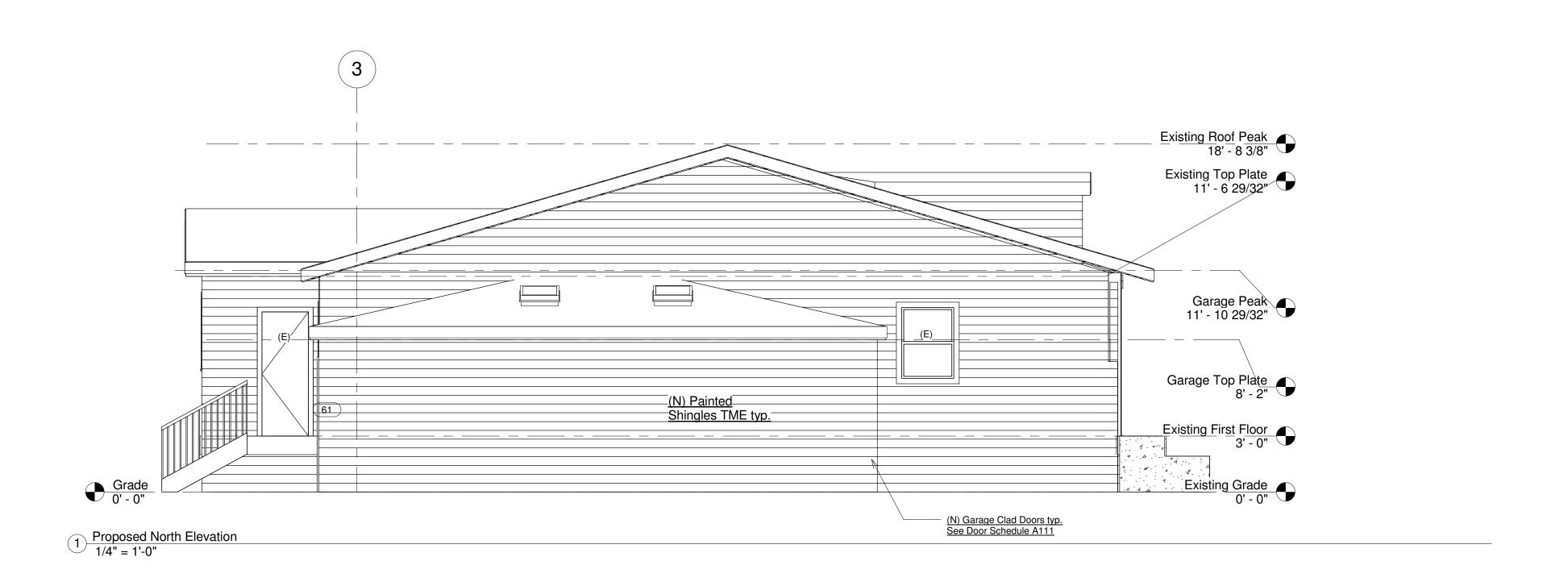
Garage Electrical Plan

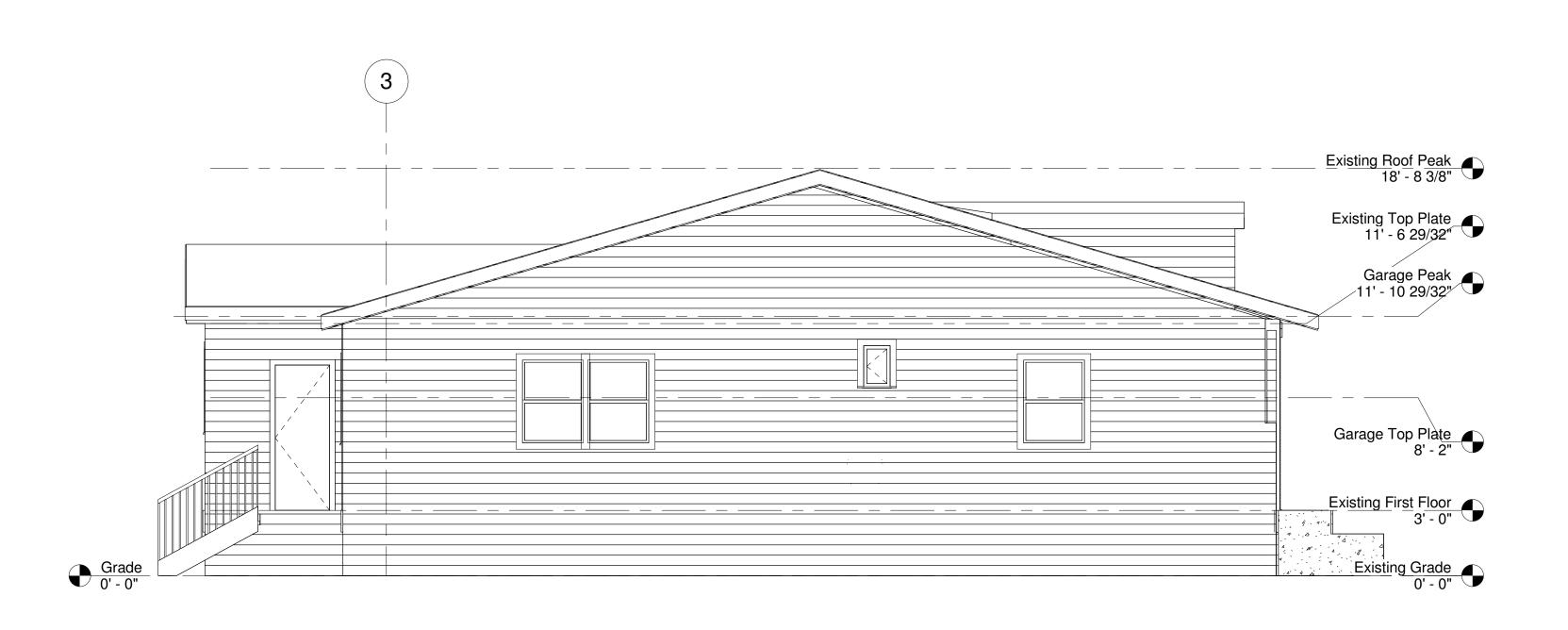
51 Belle Avenue

Project number Issue Date Peter Brandelius Drawn by Peter Brandelius

A103

Sea Gull Lighting reserves the right to revise the design of components of any product due to parts availability or change in safety listing standards without assuming any obligation or liability to modify any products previously manufactured and without notice. This literature depicts a product design that is the sole and exclusive property of Sea Gull Lighting. In compliance with U.S copyright and patent requirements, notification is hereby presented in this form that this literature, or the product it depicts, is not to be copied, altered or used in any manner without the express written consent of, or contrary to the best interests of Sea Gull Lighting i.// A Generation Brands Company.





2 Existing North Elevation 1/4" = 1'-0"



PROJECT DIRECTORY

Design Builder:
Peter Brandelius
51 Belle Avenue
Fairfax CA 94930
Mobile: 415-235-0278
peterbrandelius@comcast.net

Engineer: Rye Jorgensen P.O. Box 812 Petaluma CA 94953

DESIGN COMPLIANCE

2019 California Building Volumes 1 & 2

2019 California Mechanical Code

2019 California Plumbing Code

2019 California Electrical Code

2019 California Existing Buildings Code

2019 California Fire Code

2019 California Energy Code

2019 California Residential Building Code

2019 California Green Building Standards Code

2019 Mandatory Measures

2019 County/Municipal Codes & Ordinances

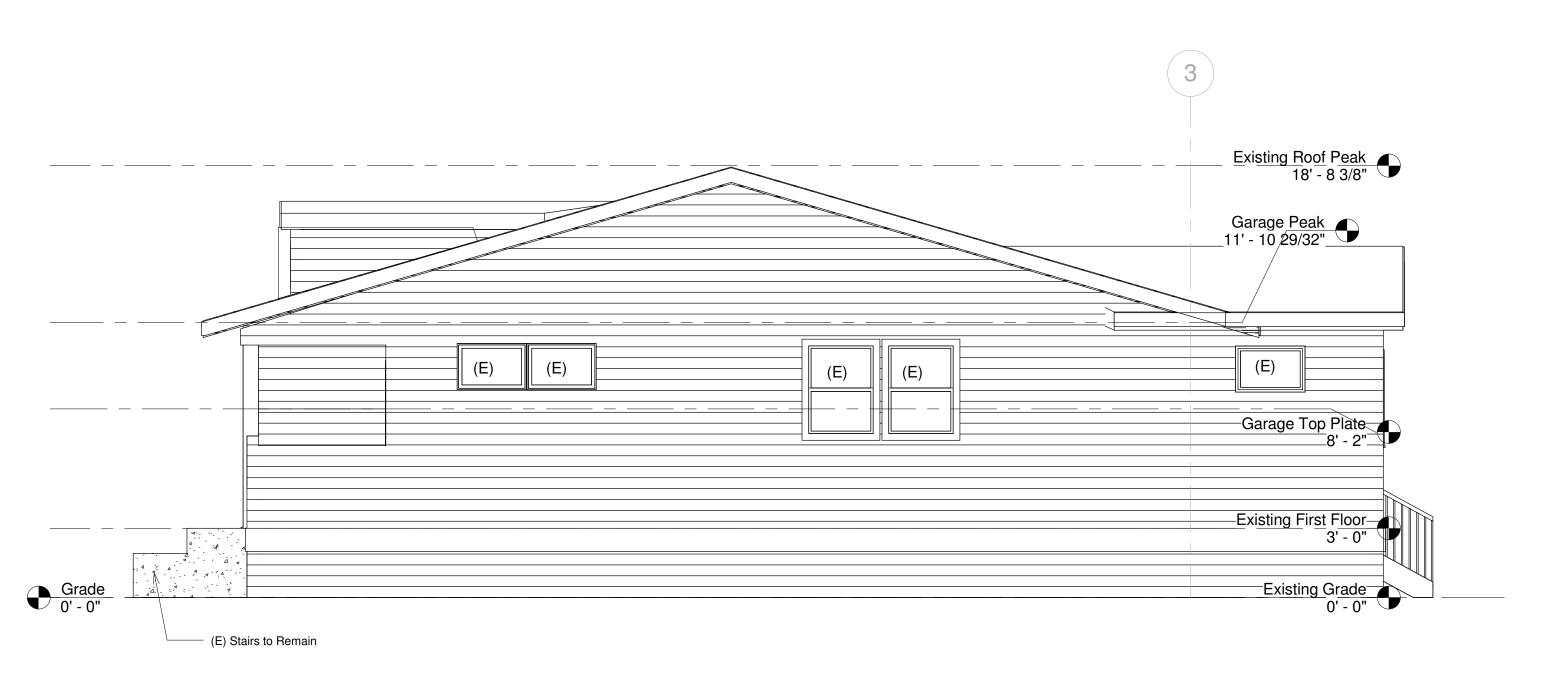
Description	Date	
	Description	

Brandelius
51 Belle Avenue
North Elevation

Project number	42
Date	Issue Dat
Drawn by	Peter Brandeliu
Checked by	Peter Brandeliu

A104

Scale



Proposed South Elevation

1/4" = 1'-0"





PROJECT DIRECTORY

Design Builder:
Peter Brandelius
51 Belle Avenue
Fairfax CA 94930
Mobile: 415-235-0278
peterbrandelius@comcast.net

Engineer: Rye Jorgensen P.O. Box 812 Petaluma CA 94953

DESIGN COMPLIANCE

- 2019 California Building Volumes 1 & 2
- 2019 California Mechanical Code
- 2019 California Plumbing Code
- 2019 California Electrical Code
- 2019 California Existing Buildings Code
- 2019 California Fire Code
- 2019 California Energy Code
- 2019 California Residential Building Code
- 2019 California Green Building Standards Code
- 2019 Mandatory Measures
- 2019 County/Municipal Codes & Ordinances

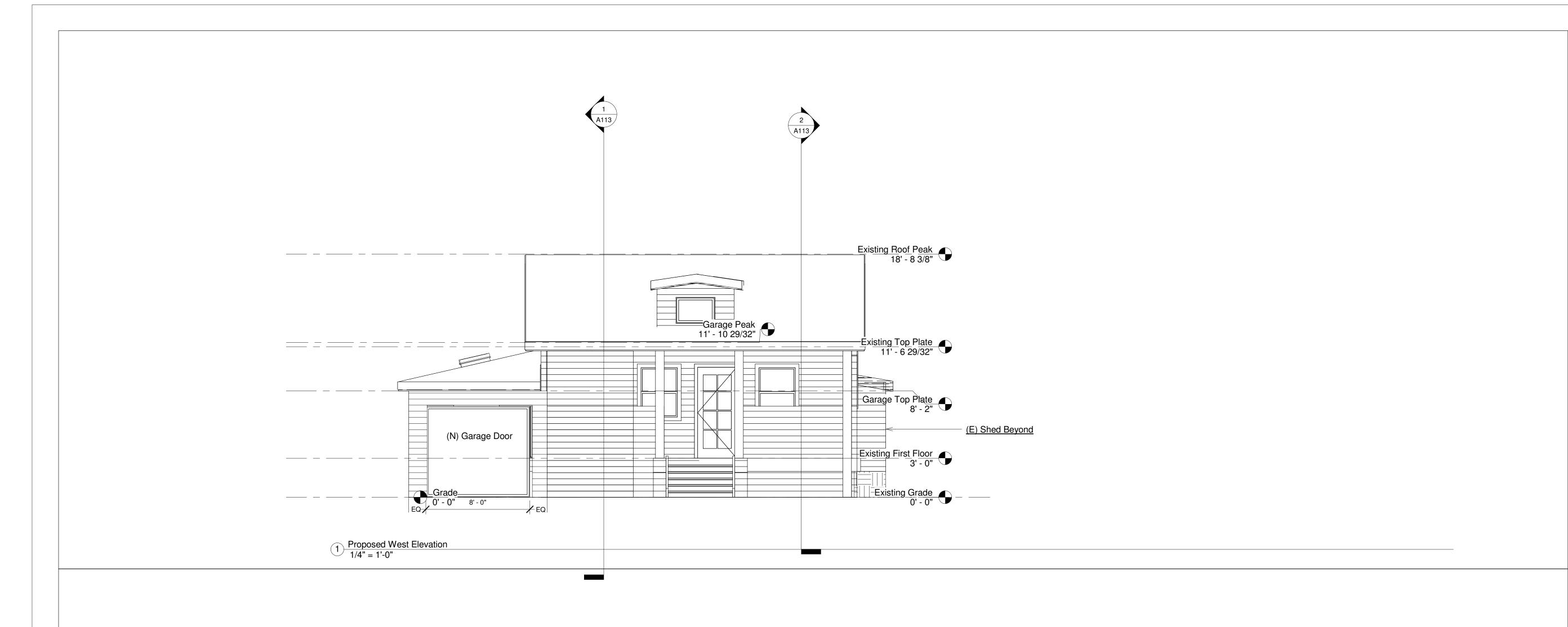
No.	Description	Date	

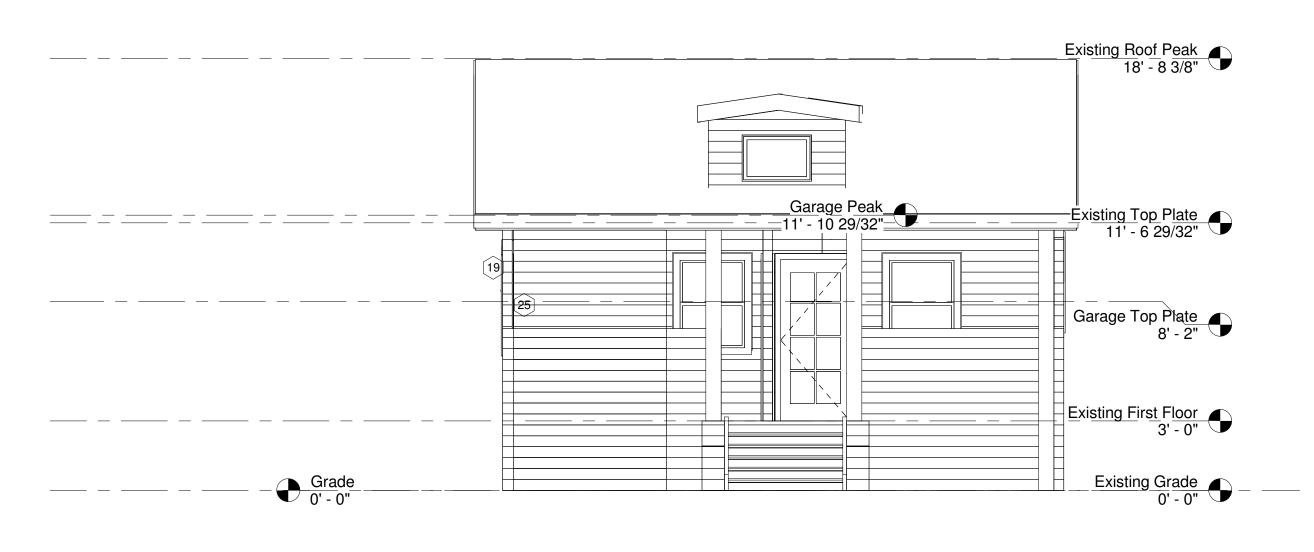
Brandelius 51 Belle Avenue

South Elevation

Project number

Date Issue Date
Drawn by Peter Brandelius
Checked by Peter Brandelius





2 Existing West Elevation 1/4" = 1'-0"



PROJECT DIRECTORY

Design Builder:
Peter Brandelius
51 Belle Avenue
Fairfax CA 94930
Mobile: 415-235-0278
peterbrandelius@comcast.net

Engineer: Rye Jorgensen P.O. Box 812 Petaluma CA 94953

DESIGN COMPLIANCE

2019 California Building Volumes 1 & 2

2019 California Mechanical Code

2019 California Plumbing Code

2019 California Electrical Code

2019 California Existing Buildings Code

2019 California Fire Code

2019 California Energy Code

2019 California Residential Building Code

2019 California Green Building Standards Code

2019 Mandatory Measures

2019 County/Municipal Codes & Ordinances

No.	Description	Date

Brandelius

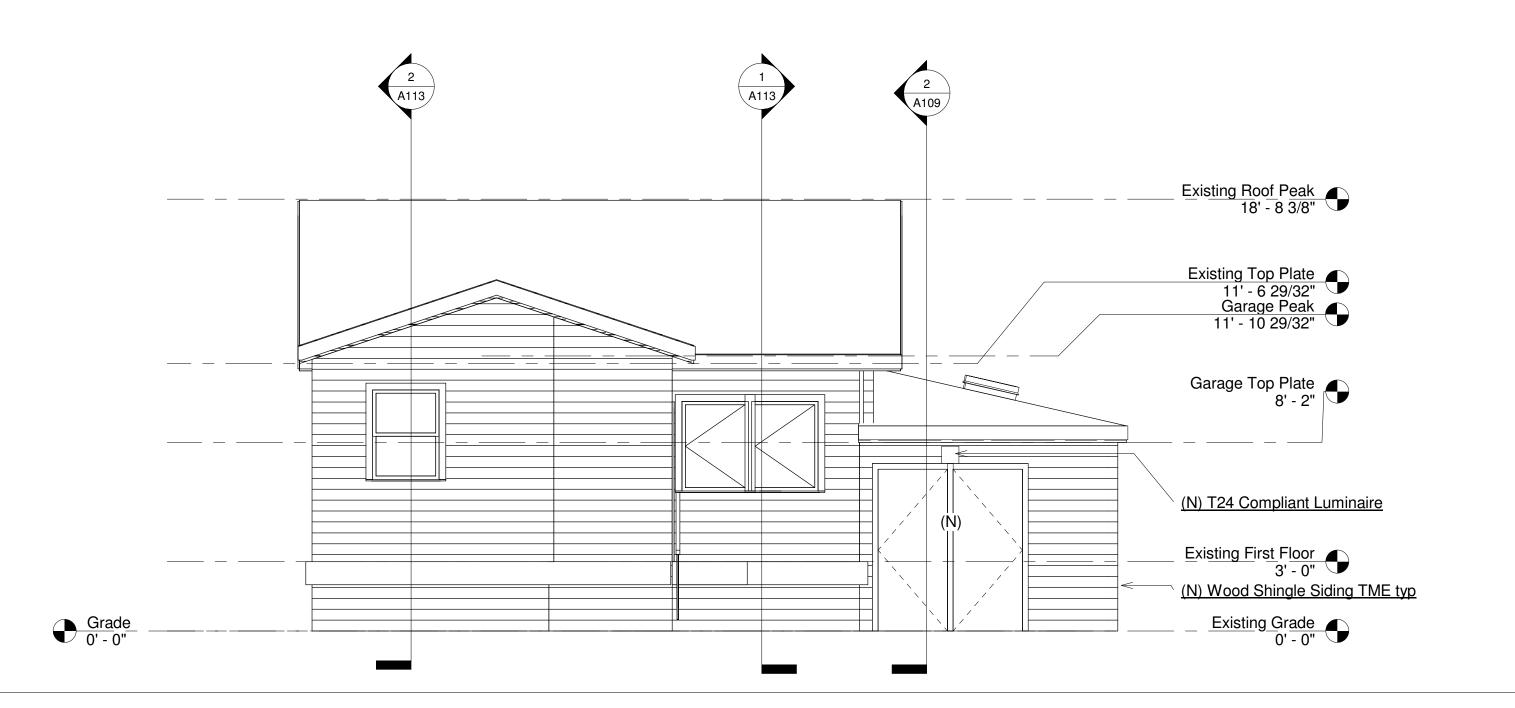
51 Belle Avenue

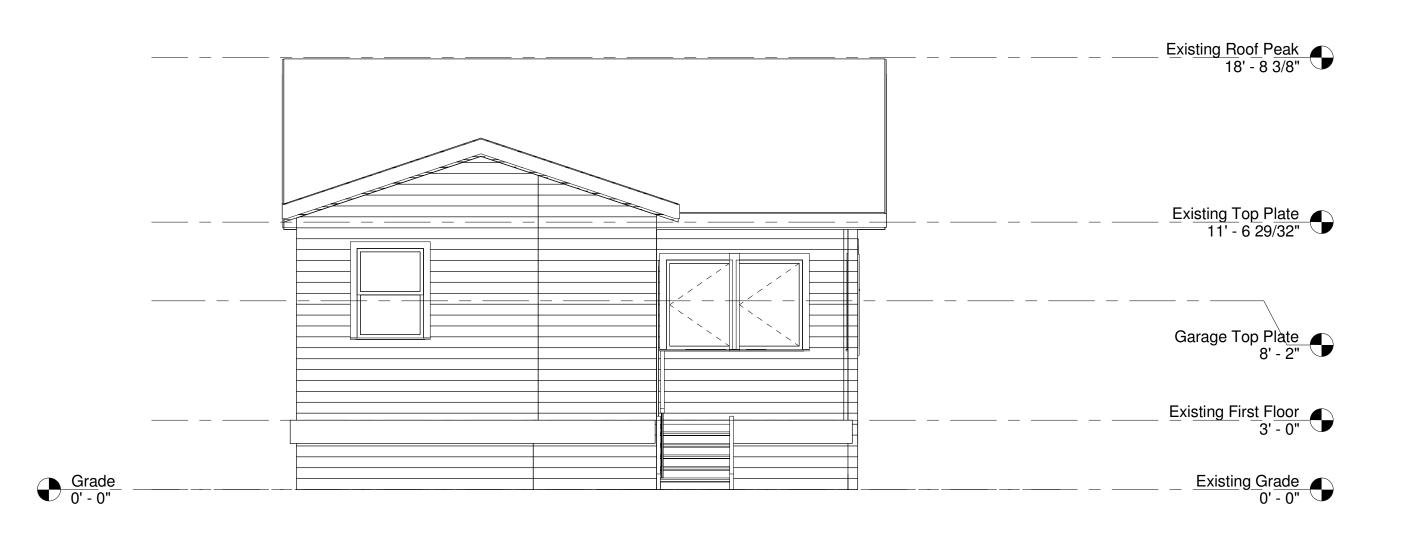
West Elevation

Project number	420
Date	Issue Date
Drawn by	Peter Brandelius
Checked by	Peter Brandelius

A106

Scale







Design Builder:
Peter Brandelius
51 Belle Avenue
Fairfax CA 94930
Mobile: 415-235-0278
peterbrandelius@comcast.net

Engineer: Rye Jorgensen P.O. Box 812 Petaluma CA 94953

DESIGN COMPLIANCE

- 2019 California Building Volumes 1 & 2
- 2019 California Mechanical Code
- 2019 California Plumbing Code
- 2019 California Electrical Code
- 2019 California Existing Buildings Code
- 2019 California Fire Code
- 2019 California Energy Code
- 2019 California Residential Building Code
- 2019 California Green Building Standards Code
- 2019 Mandatory Measures
- 2019 County/Municipal Codes & Ordinances

No.	Description	Date

Brandelius

51 Belle Avenue

East Elevation

Project number 420

Date Issue Date

Drawn by Peter Brandelius

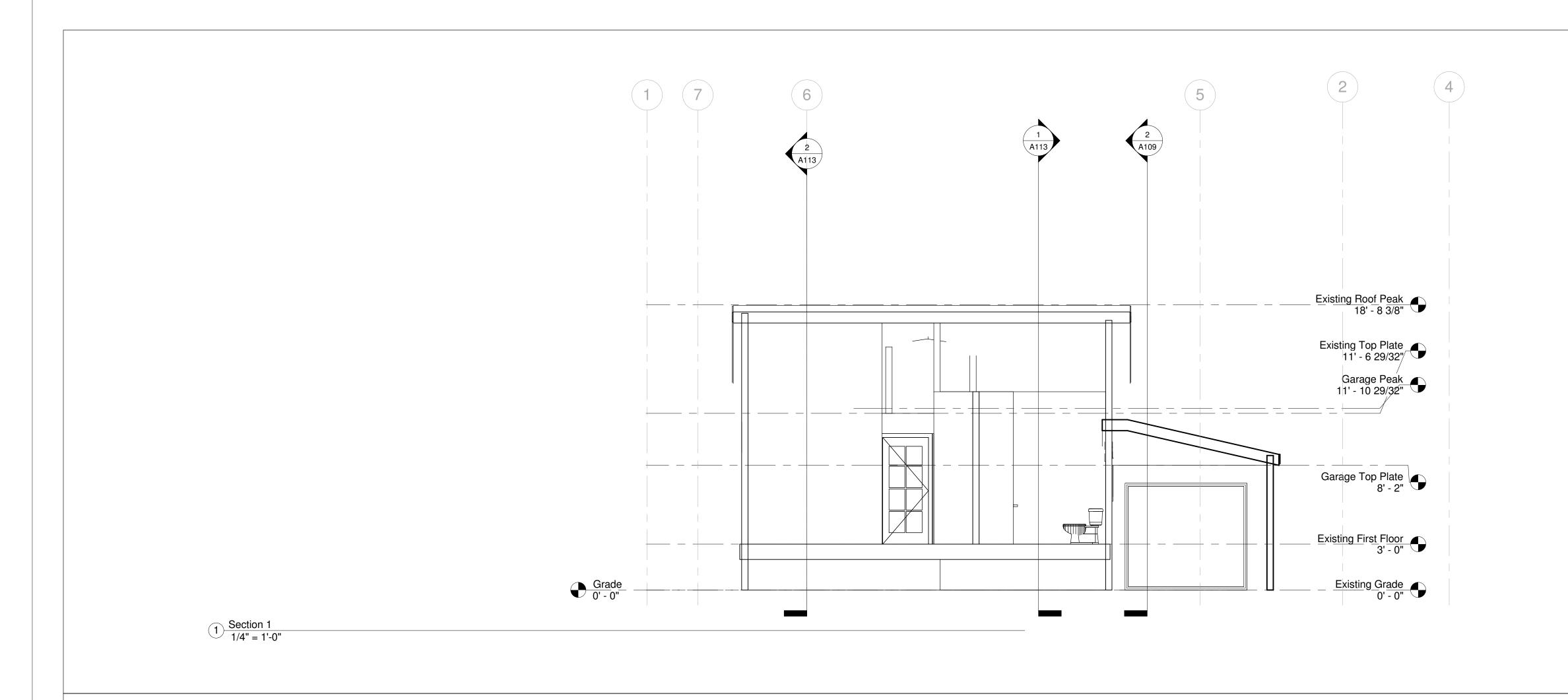
Checked by Peter Brandelius

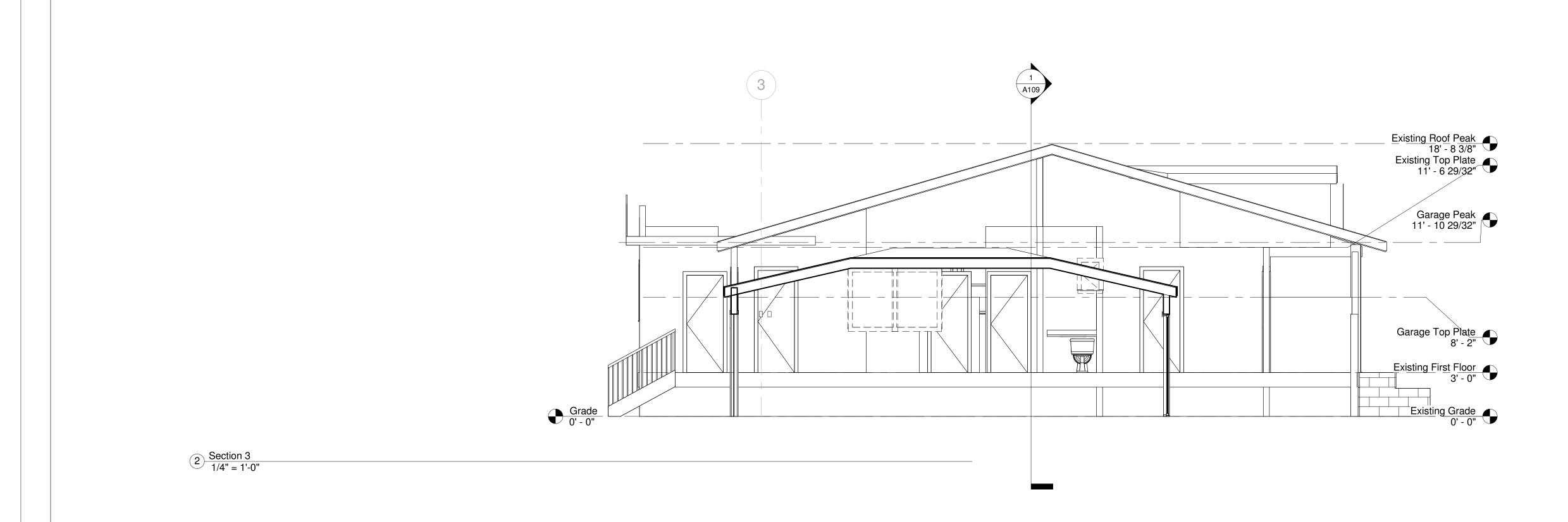
A107

Scale

2 Existing East Elevation 1/4" = 1'-0"

Proposed East Elevation
1/4" = 1'-0"







Design Builder:
Peter Brandelius
51 Belle Avenue
Fairfax CA 94930
Mobile: 415-235-0278
peterbrandelius@comcast.net

Engineer: Rye Jorgensen P.O. Box 812 Petaluma CA 94953

DESIGN COMPLIANCE

- 2019 California Building Volumes 1 & 2
- 2019 California Mechanical Code
- 2019 California Plumbing Code
- 2019 California Electrical Code
- 2019 California Existing Buildings Code
- 2019 California Fire Code
- 2019 California Energy Code
- 2019 California Residential Building Code
- 2019 California Green Building Standards Code
- 2019 Mandatory Measures
- 2019 County/Municipal Codes & Ordinances

No.	Description	Date

Brandelius 51 Belle Avenue

Building Sections

Project number	420
Date	Issue Date
Drawn by	Peter Brandelius
Checked by	Peter Brandelius

Skylight Specifications

VELUX America Inc. SPECIFICATION FOR MODEL FS "NO LEAK" FIXED SKYLIGHT

1.04 PERFORMANCE REQUIREMENTS

- A. The FS deck mount skylight is independently tested in accordance with listed standards for compliance with the unit skylight provisions of the 2003, 2006 and 2009 IBC, IECC, and IRC as follows:
 - a. AAMA/WDMA/CSA 101/I.S.2/A440-05 (NAFS 05) and/or AAMA/WDMA/CSA 101/I.S.2/A440-08 (NAFS 08)

Performance Grades must be greater than or equal to: Downward design pressure = 100 psf ii. Uplift Design Pressure = 40 psf

b. AAMA/WDMA/CSA 101/I.S.2/A440-02 (NAFS – 02)

Rated pressures must be greater than or equal to: i. Downward design pressure = 100 psf ii. Uplift Design Pressure = 50 psf

- B. Air leakage: Maximum of 0.4 l/s/m² (0.08 CFM/ft²) of total unit area, measured at a pressure of 75 Pa (1.57 psf) in accordance with ASTM E 283, per the NAFS standards in (A).
- C. Water infiltration: No water penetration noted as measured in accordance with ASTM E 331 with a test pressure differential of 720 Pa (15.0 psf). Exceeds requirements of NAFS standards in (A).
- D. Thermal Performance: U-factor = 0.45 Btu/hr*ft²*F° or less, SHGC = 0.26 or less and [Vt = 0.52 or greater (clear)] or [Vt = 0.39 or greater (white)]. Tested and certified in accordance with NFRC 100 and 200 procedures. Applicable to aluminum and copper clad models. 2010 ENERGY STAR qualified in all U.S. zones. Applicable to aluminum and copper-clad models.
- E. FS skylights with impact glazing (06): Tested and certified in accordance with ASTM E 1886 and ASTM E 1996, Rated for Wind Zone 3, Missile Level C, Cycle Pressure +50 / -50.
- F. Limit member deflection to flexure limit of glass with full recovery of glazing
- G. System accommodates, without damage to components or deterioration of seals, movement between frame and perimeter components.

Revised 11-Dec-13

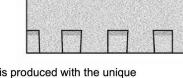
Composite Shingle Specifications

Technical Data Sheet LANDMARK™ Premium Shingles

LANDMARK Pro/Architect™ 80 Shingles (NW Region only) LANDMARK™ Pro Shingles

LANDMARK™ Shingles

PRODUCT INFORMATION Landmark[™] shingles reflect the same high manufacturing standards and superior warranty protection as the rest of CertainTeed's line of roofing products. Landmark Premium (and Algae Resistant-AR), Landmark Pro (and AR) and Landmark (and AR) are built with the industry's toughest fiber glass mat base, and their strict dimensional



tolerance assures consistency. Complex granule color blends and subtle shadow lines produce a distinctive color selection. Landmark is produced with the unique NailTrak™ nailing feature. Please see the installation instruction section below for important information regarding NailTrak™.

In the Northwest (NW) Region Landmark Pro (AR) is double-branded as Landmark Pro/Architect 80 (AR). Landmark algae-resistant (AR) shingles have the additional attribute of resisting the growth of algae especially in damp regions. AR shingles are not available in all regions

Colors: Please refer to the product brochure or CertainTeed website for the colors available in your

Limitations: Use on roofs with slopes greater than 2" per foot. Low-slope applications (2" to 4" per foot) require additional underlayment. In areas where icing along eaves can cause the back-up of water, apply CertainTeed WinterGuard™ Waterproofing Shingle Underlayment, or its equivalent, according to application instructions provided with the product and on the shingle package.

Product Composition: Landmark series shingles are composed of a fiber glass mat base. Ceramiccoated mineral granules are tightly embedded in carefully refined, water-resistant asphalt. Two pieces of the shingle are firmly laminated together in a special, tough asphaltic cement. All Landmark shingles have self-sealing adhesive strips.

Applicable Standards

ASTM D3018 Type I **ASTM D3462** ASTM E108 Class A Fire Resistance ASTM D3161 Class F Wind Resistance ASTM D7158 Class H Wind Resistance UL 790 Class A Fire Resistance

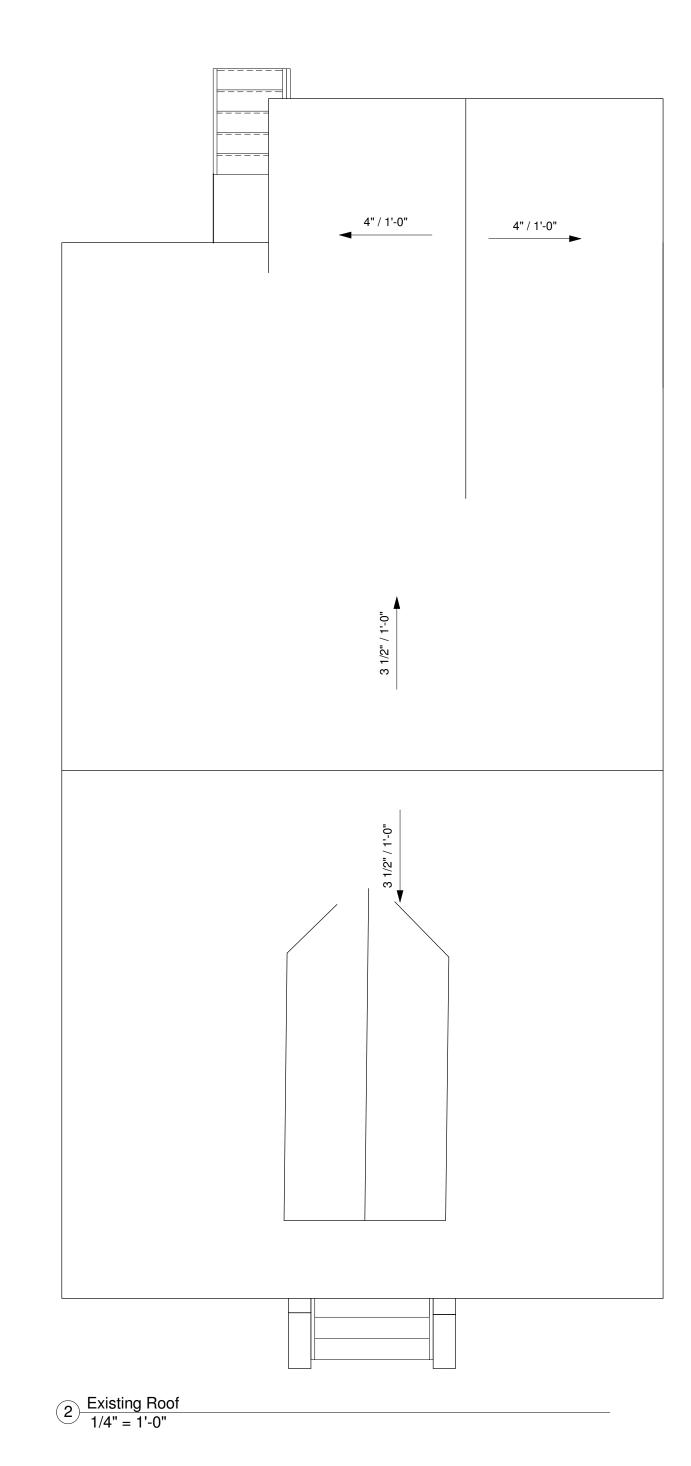
ICC Evaluation Report ESR-1389 ICC Evaluation Report ESR-3537 CSA Standard A123.5 (Regional) Miami-Dade Product Control Approved (Regional) Florida Product Approval # FL5444 (Regional) TDI Windstorm Resistance (Regional)

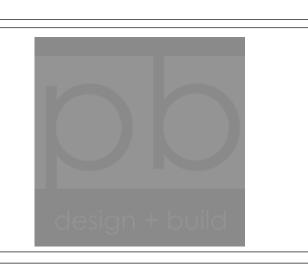
Technical Data: Landmark Weight/Square (approx.) 229 / 240 lb** 13 1/4" x 38 3/4" Dimensions (overall) Shingles/Square (approx.) 5 5/8" Weather Exposure

Landmark Pro* Landmark Premium (and AR) (and AR) 250 / 270 lb** 13 1/4" x 38 3/4" 13 1/4" x 38 3/4" 5 5/8" 5 5/8"

*Includes "Landmark Pro AR/Architect 80" **Dependent on manufacturing location

4" / 1'-0" Existing to Remain (N) Skylights Per Plan typical





PROJECT DIRECTORY

<u>Design Builder:</u> Peter Brandelius 51 Belle Avenue Fairfax CA 94930 Mobile: 415-235-0278 peterbrandelius@comcast.net

<u>Engineer:</u> Rye Jorgensen P.O. Box 812 Petaluma CA 94953

DESIGN COMPLIANCE

2019 California Building Volumes 1 & 2

2019 California Mechanical Code

2019 California Plumbing Code

2019 California Electrical Code

2019 California Existing Buildings Code

2019 California Fire Code

2019 California Energy Code

2019 California Residential Building Code

2019 California Green Building Standards Code

2019 Mandatory Measures

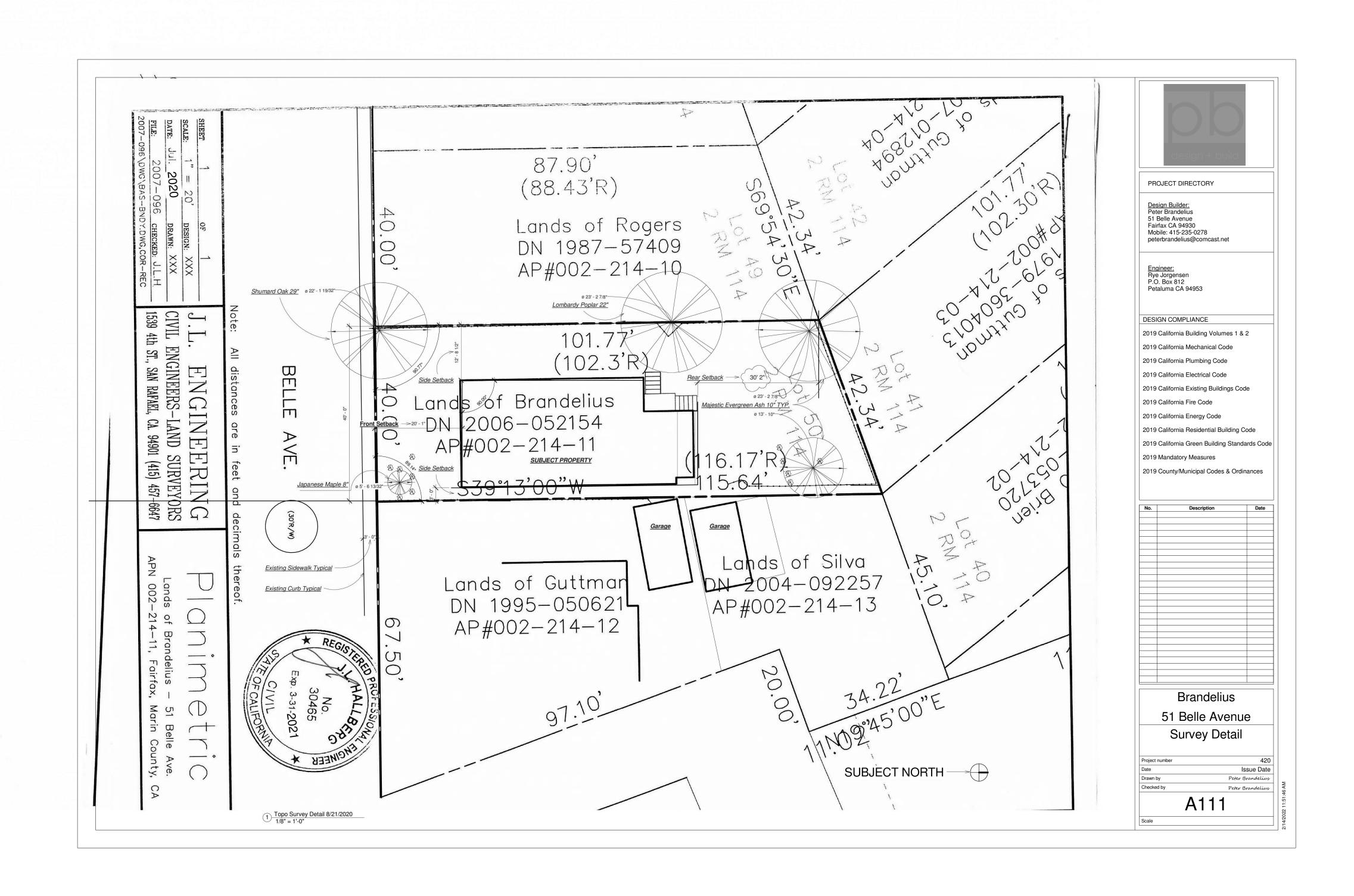
2019 County/Municipal Codes & Ordinances

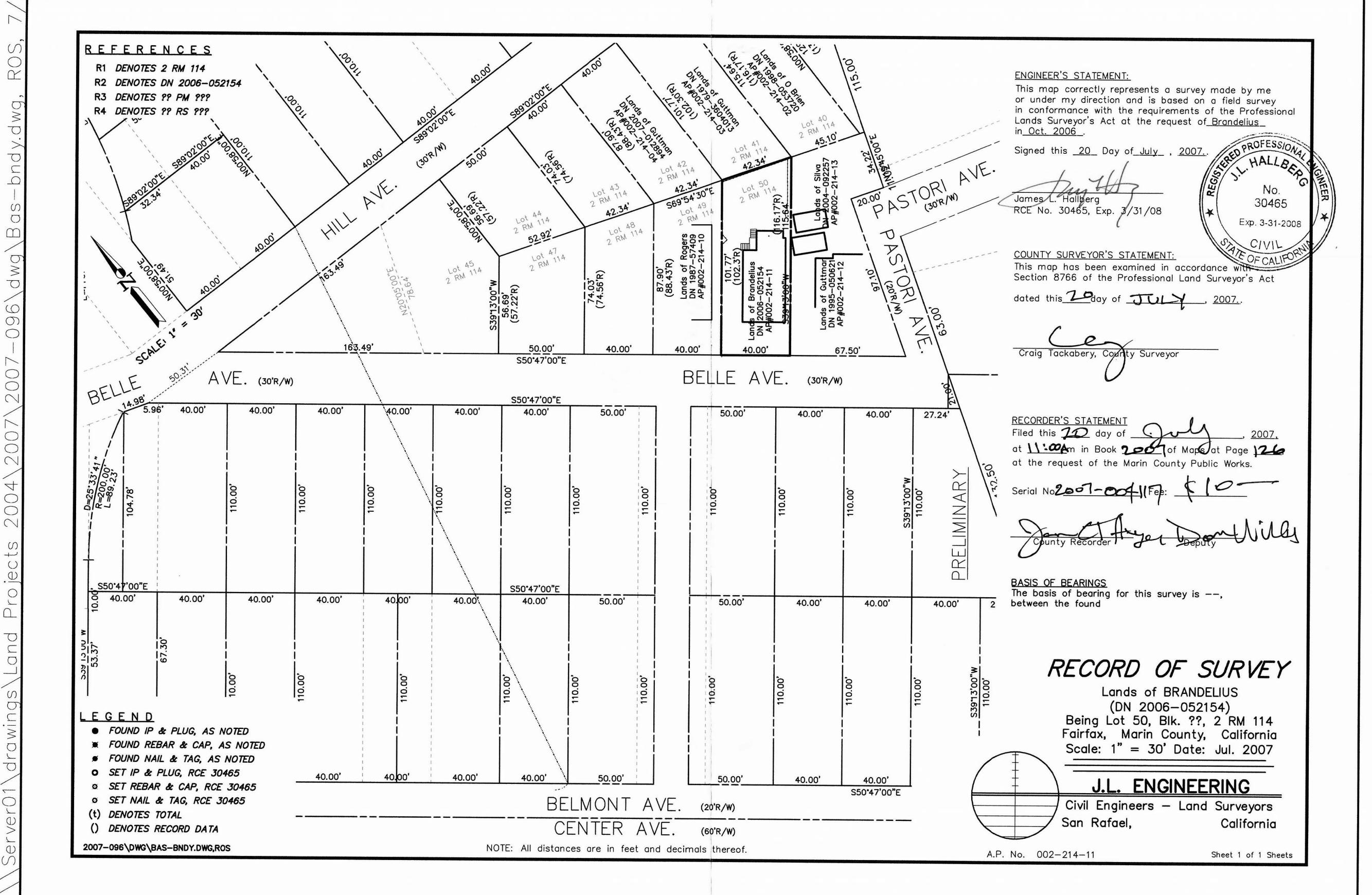


Brandelius

51 Belle Avenue Roof Plan

Project number Issue Date Drawn by Peter Brandelius Peter Brandelius







Design Builder:
Peter Brandelius
51 Belle Avenue
Fairfax CA 94930
Mobile: 415-235-0278
peterbrandelius@comcast.net

Engineer: Rye Jorgensen P.O. Box 812 Petaluma CA 94953

DESIGN COMPLIANCE

2019 California Building Volumes 1 & 2

2019 California Mechanical Code

2019 California Plumbing Code

2019 California Electrical Code

2019 California Existing Buildings Code

2019 California Fire Code

2019 California Energy Code

2019 California Residential Building Code

2019 California Green Building Standards Code

2019 Mandatory Measures

2019 County/Municipal Codes & Ordinances

No.	Description	Date
	•	

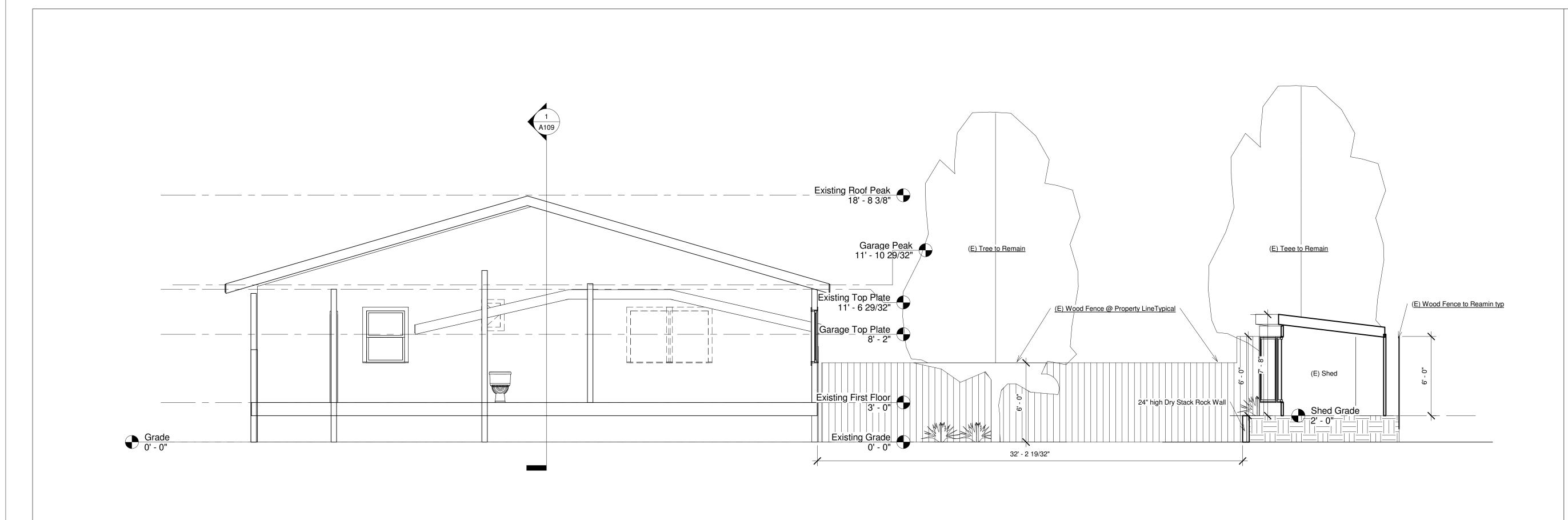
Brandelius
51 Belle Avenue
Record of Survey

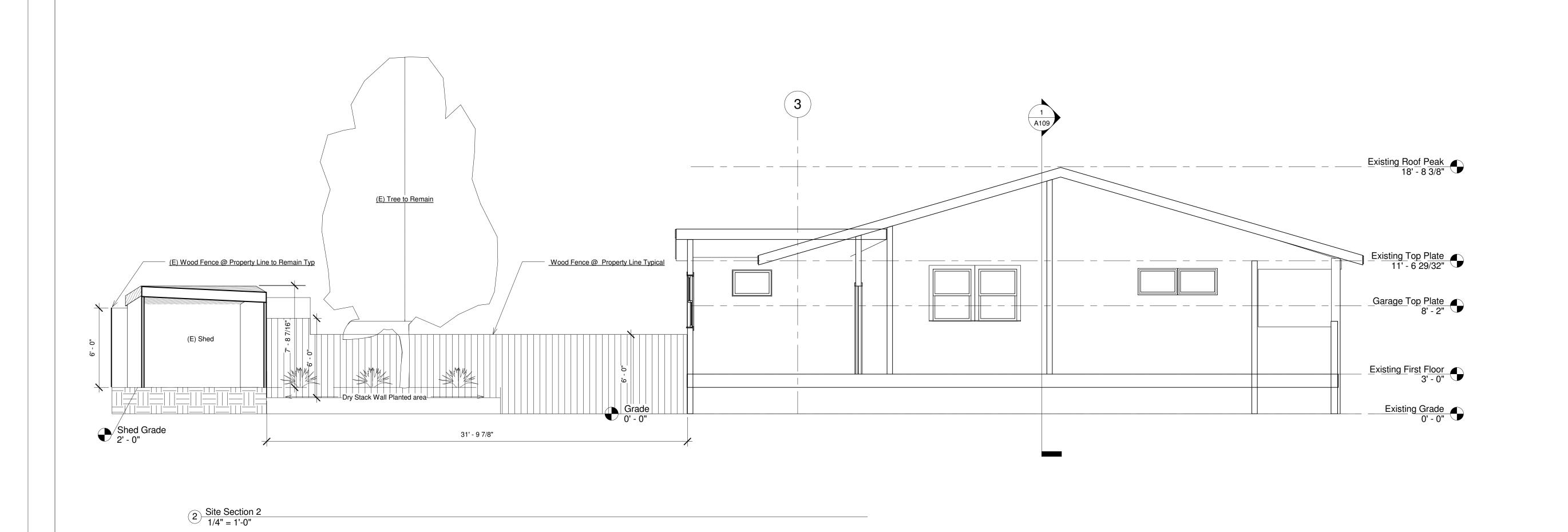
Project number	42
Date	Issue Dat
Drawn by	Peter Brandeliu
Checked by	Peter Brandeliu
	1 4 6

Scale

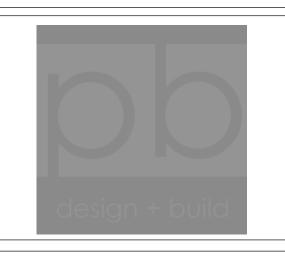
A112

us_





1 Site Section 1/4" = 1'-0"



PROJECT DIRECTORY

Design Builder:
Peter Brandelius
51 Belle Avenue
Fairfax CA 94930
Mobile: 415-235-0278
peterbrandelius@comcast.net

Engineer: Rye Jorgensen P.O. Box 812 Petaluma CA 94953

DESIGN COMPLIANCE

2019 California Building Volumes 1 & 2

2019 California Mechanical Code

2019 California Plumbing Code

2019 California Electrical Code

2019 California Existing Buildings Code

2019 California Fire Code

2019 California Energy Code

2019 California Residential Building Code

2019 California Green Building Standards Code

2019 Mandatory Measures

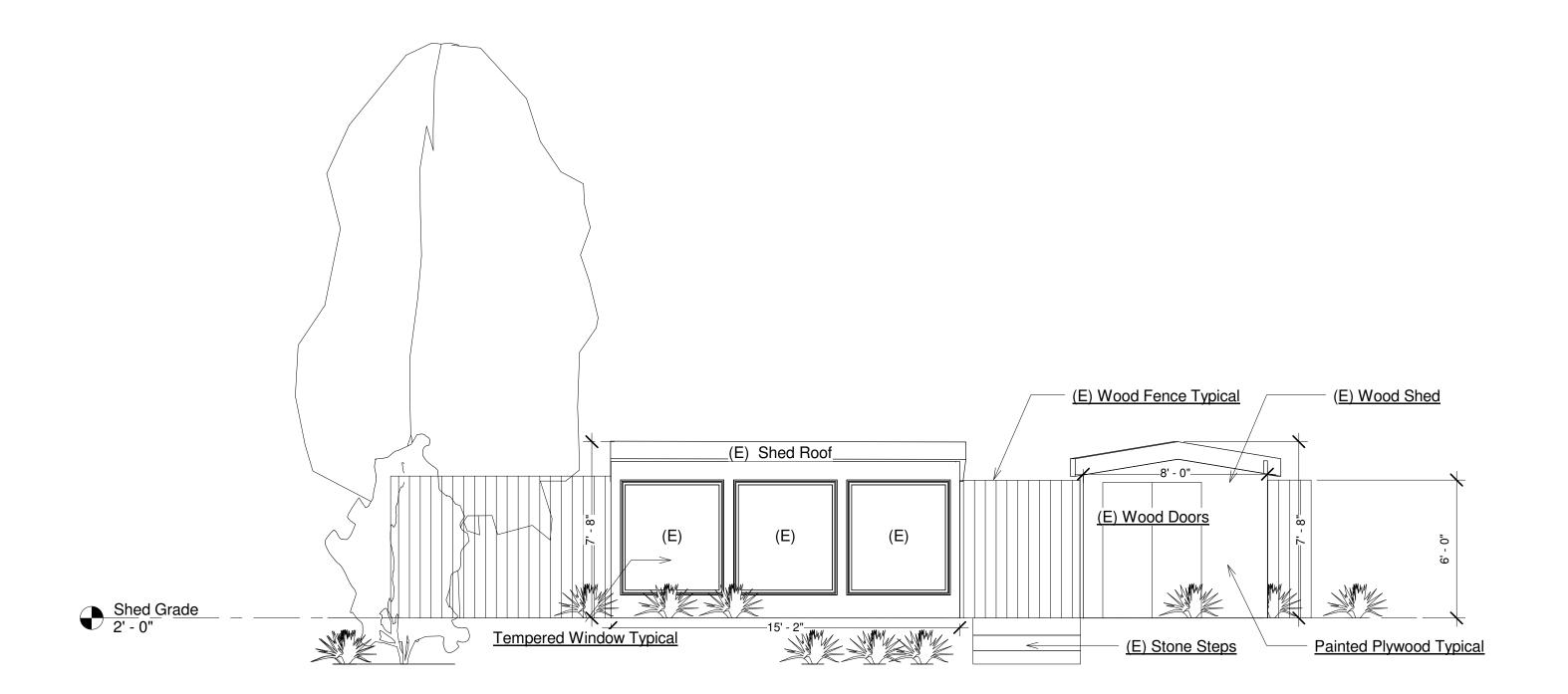
2019 County/Municipal Codes & Ordinances

No.	Description	Date
	•	

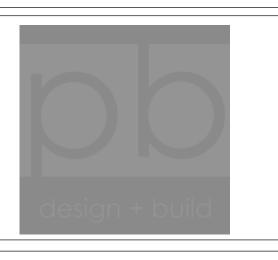
Brandelius 51 Belle Avenue

Site Sections

Project number Issue Date Peter Brandelius Peter Brandelius



Shed Elevation
1/4" = 1'-0"



PROJECT DIRECTORY

Design Builder:
Peter Brandelius
51 Belle Avenue
Fairfax CA 94930
Mobile: 415-235-0278
peterbrandelius@comcast.net

Engineer: Rye Jorgensen P.O. Box 812 Petaluma CA 94953

DESIGN COMPLIANCE

2019 California Building Volumes 1 & 2

2019 California Mechanical Code

2019 California Plumbing Code

2019 California Electrical Code

2019 California Existing Buildings Code

2019 California Fire Code

2019 California Energy Code

2019 California Residential Building Code

2019 California Green Building Standards Code

2019 Mandatory Measures

2019 County/Municipal Codes & Ordinances

No.	Description	Date
	•	

Brandelius
51 Belle Avenue

Shed Elevation

Project number 420

Date Issue Date

Drawn by Peter Brandelius

Checked by Peter Brandelius

A114

Scale