PROJECT DIRECTORY  Owner:  Architect:  Shawn Godkin, AIA 510 W. Los Olivos Street Santa Barbara, CA 93105 t: (805) 256-2920 e: shawn@godkin-db.com  Structural Engineer:  Hume Engineers P.O. Box 15238 San Luis Obispo, CA 93406 e: mail@thengineers.com  Energy Compliance Engineer:  Monterey Energy Group 26465 Carmel Rancho Blvd #8 Carmel-by-the-Sea, CA 93923 t: (831) 372-8328  Geotech Engineer:	GOVERNING CODES  2022 California Residential Code 2022 California Plumbing Code 2022 California Electrical Code 2022 California Mechanical Code 2022 California Fire Code 2022 California Energy Code ADDITIONAL AGENCIES: This project shall comply with the following additional agencies:	GENERAL NOTES  1. ALL CONSTRUCTION SHALL CONFORM TO ALL CURRENT BUILDING, ELECTRICAL, MECHANICAL AND PLUMBING CODES AND ALL OTHER STATE, COUNTY AND CITY ORDINANCES AND REGULATIONS.  2. THE CONTRACTOR SHALL INVESTIGATE, VERIFY AND BE RESPONSIBLE FOR ALL CONDITIONS AND DIMENSIONS OF THE PROJECT AND SHALL NOTIFY THE OWNER OF ANY DISCREPANCIES AND INCONSISTENCIES BETWEEN DRAWINGS, SPECIFICATIONS AND EXISTING CONDITIONS PRIOR TO SUBMITTING BID.  3. CONTRACTOR SHALL NOTIFY THE OWNER ABOUT ANY CONDITIONS REQUIRING A MODIFICATION OR CHANGE BEFORE PROCEEDING WITH THE WORK.  4. REFER TO STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR OTHER GENERAL REQUIREMENTS AND COORDINATE WITH THE ARCHITECTURAL DRAWINGS.  5. ALL CONSTRUCTION TO PROVIDE A WATERPROOF, WEATHER TIGHT BUILDING. CONTRACTOR SHALL FLASH AND CAULK AS NECESSARY TO ACHIEVE THIS REQUIREMENT.	EXISTING SQUARE FOOTAGES  NET: GROSS:	PROJECT INFORMATION  LEGAL DESCRIPTION Site Address: Assesor Parcel Number: Average Slope of Property: Type of Construction: High Fire (Yes/No): Coastal Zone (Yes/No): Existing Fire Sprinklers (Yes/No): Coastal Land Use Plan Designation: Occupancy: Zoning District: Land Use: Number of Stories: Proposed Number of Stories:  AREAS Lot Size: Existing Lot Coverage: Proposed Lot Coverage: Open Yard:  PARKING INFORMATION Primary Residence Existing: Primary Residence Proposed: Accessory Dwelling Unit Proposed:	Architect/General Contractor:  GODKIN  DESIGN/BUILD, INC.  Shawn Godkin 510 W. Los Olivos Street Santa Barbara, CA 93105 cell: (805) 256-2920 email: shawn@godkin-db.com  Architect Stamp/Signature
3D RENDERING			PROPOSED SQUARE FOOTAGES  NET: GROSS:	SCOPE OF WORK	
STYLE OPTION A: ENGLISH COTTAGE		CITY STAMPS	SOILS REPORT INFORMATION (IF APPLICABLE)  FLOOD ZONE INFORMATION (IF APPLICABLE)	SHEET INDEX  ARCHITECTURAL A 1.1 COVER SHEET A 1.2 SITE PLAN A 1.3 SITE PHOTOS A 2.1 FLOOR & ROOF PLAN A 3.1 ELEVATIONS - OPT A - ENGLISH COTTAGE A 3.2 ELEVATIONS - OPT B - MODERN FARMHOUSE A 3.3 ELEVATIONS - OPT C - CRAFTSMAN A 5.1 SECTIONS & DETAILS - OPT A - ENGLISH COTTAGE A 5.2 SECTIONS & DETAILS - OPT B - MODERN FARMHOUSE A 5.3 SECTIONS & DETAILS - OPT C - CRAFTSMAN A 5.4 HIGH FIRE DETAILS	ACCES DRAWINGS ARE BASED ON THE
STYLE OPTION B: MODERN FARMHOUSE				VICINITY PLAN	NOTE: THESE DRAWINGS ARE BASED ON THE MOST ACCURATE INFORMATION AVAILABLE AT THE PRESENT TIME. DESIGNER DOES NOT WARRANT OR GUARANTEE THE ACCURACY AND/OR COMPLETENESS OF THE WORK PRESENTED HEREIN BEYOND A REASONABLE DILIGENCE. IF ANY MISTAKES, OMMISSIONS, OR DISCREPANCIES ARE FOUND ON THESE DRAWINGS, THE DESIGNER IS TO BE PROMPTLY NOTIFIED SO THAT HE MAY MAKE ATTEMPTS TO RESOLVE THESE ISSUES.  REVISION DATE
			FIRE SPRINKLERS (IF APPLICABLE)		Client Name Address  Contact Info  COVER SHEET  Project number  Date  Drawn by  SPG
STYLE OPTION C: CRAFTSMAN			NOTE REGARDING SEISMIC ZONE SUBJECT PROPERTY LOCATED WITHIN SEISMIC HAZARD ZONE E.		Checked by SPG



Architect Stamp/Signature

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DATE

Client Name

REVISION

Address Contact Info

Scale

SITE PLAN

Project number SPG Drawn by Checked by

SPG A 1.2



Architect Stamp/Signature

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REVISION DATE

Client Name

Address

Scale

Contact Info SITE PHOTOS

Project number SPG Drawn by Checked by

A 1.3

SPG

TTIC AREAS	ATTIC SF	APPLIED RULES OR EXCEPTIONS	SQUARE INCHES NFVA REQUIRED	VENTS REQUIRED	SQUARE INCHES NFVA PROVIDED
ATTIC AREA 1	600	1/150	576	4 HIGH; 4 LOW	576

- 1. NFVA = Net Free Ventilation Area
- 2. O'Hagin Tapered Low-Profile Attic Vents to be used.
- 3. O'Hagin Tapered Low-Profile Attic Vents supply 72.0 square inches of NFVA per vent.

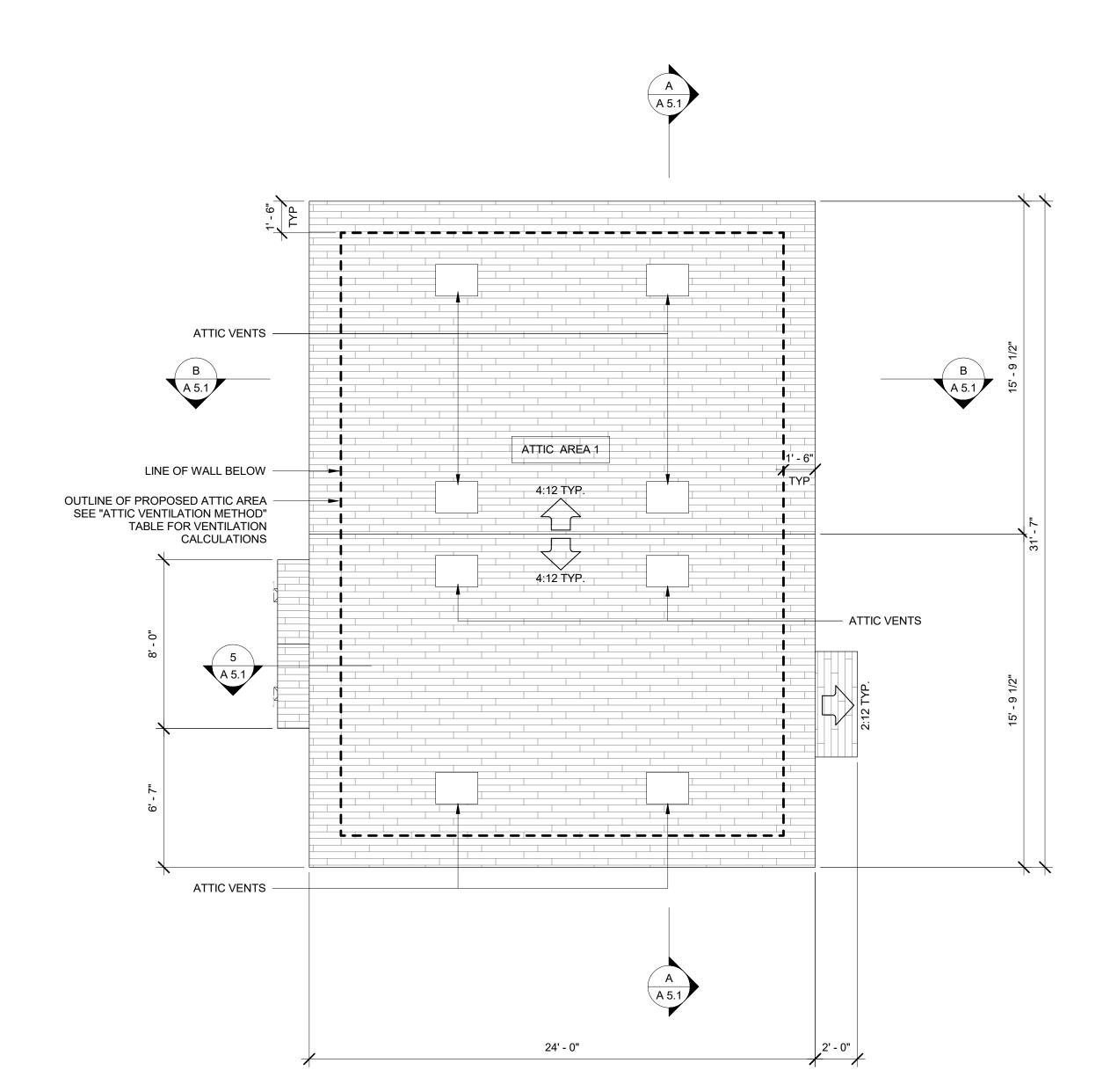
$\bigcirc$	WINDOW SCHEDULE				
No.	W x HT	СТ	OPERATION	GLAZING	COMMENTS
1	4' - 0" x 4' - 0"	3	SLIDING	DUAL, CLEAR	NEW
2	3' - 0" x 3' - 0"	1	SLIDING	DUAL, CLEAR	NEW
3	4' - 0" x 2' - 0"	1	SLIDING	DUAL, OBSCURED	NEW, SAFETY GLAZING
4	3' - 0" x 4' - 0"	1	SLIDING	DUAL, CLEAR	NEW

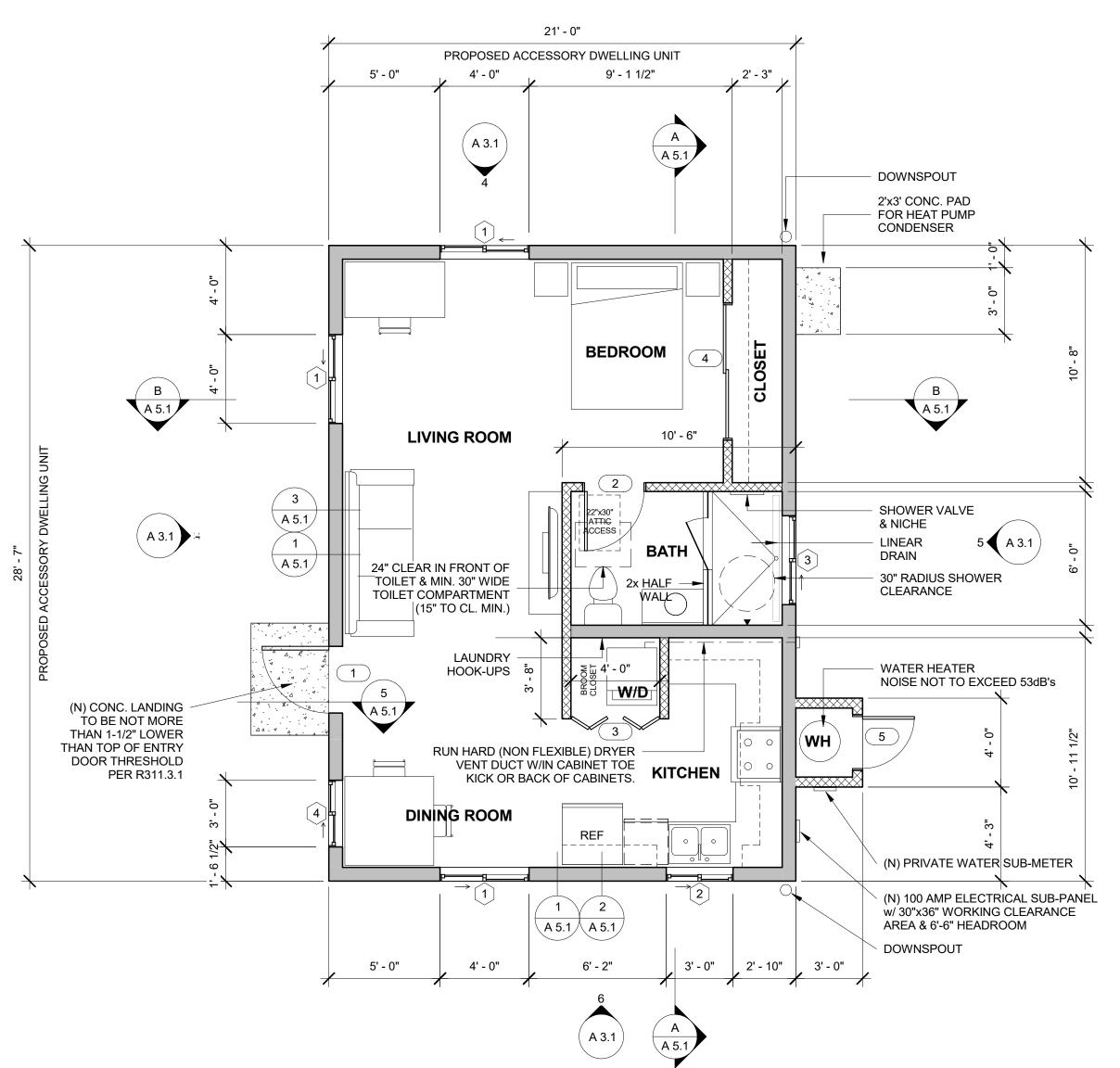
- 1. Location of emergency escape openings indicated on plans via the "EGRESS" label adjacent to the window where required. Minimum net clear opening area shall be 5.7 square feet (or 5.0 square feet for grade floor openings). Opening height shall be 24 inches minimum clear and opening width shall be 20 inches minimum clear. Maximum opening sill height shall be 44 inches to actual window opening. CRC R310.1
- 2. The NFRC thermal performance labels shall remain on the windows and/or doors until final inspection.
- 3. Windows shall contain tempered glass per above schedule or per High Fire requirements as applicable.
- 4. All new glazing will have a maximum U-factor of 0.32 and SHGC of 0.25.

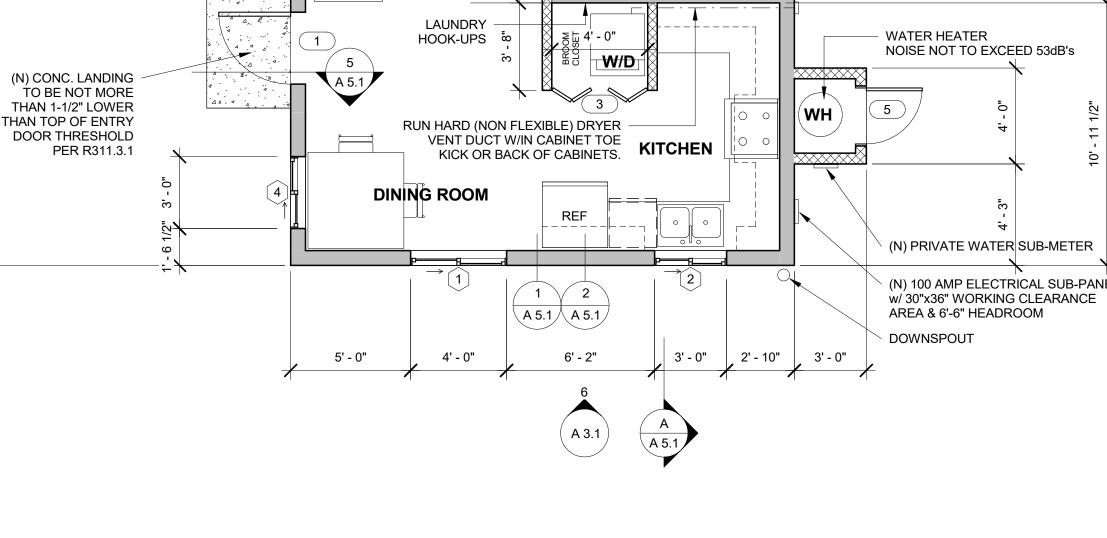
O DOOR SCHEDULE					
No.	W x HT	THK	СТ	OPERATION	GLAZING
1	3' - 0" x 6' - 8"	1 3/4"	1	EXTERIOR SINGLE FLUSH DOOR, SOLID CORE	DUAL; CLEAR; TEMPERED
2	2' - 8" x 6' - 8"	1 3/8"	1	INTERIOR SINGLE FLUSH DOOR; HOLLOW CORE	
3	4' - 0" x 6' - 8"	1 3/8"	1	INTERIOR DOUBLE BI-FOLD DOOR; HOLLOW CORE	
4	6' - 0" x 6' - 8"	1 3/8"	1	INTERIOR DOUBLE SLIDING DOOR; SOLID CORE	
5	2' - 6" x 6' - 8"	1 3/4"	1	EXTERIOR LOUVERED DOOR, SOLID CORE	

1. Glass in doors shall contain tempered glass per above schedule or per High Fire requirements as applicable.

2. All new glazing will have a maximum U-factor of 0.32 and SHGC of 0.25.







**DRAWING LEGEND** 

2x6 WALL

2x4 WALL

☐ ☐ ☐ WALL OR ELEMENT TO BE DEMOLISHED 

## **GENERAL, PLUMBING & MECHANICAL NOTES**

\* EXISTING PLUMBING FIXTURES WILL BE RETROFITTED TO CURRENT CPC REQUIREMENTS: WATER CLOSETS: SHOWER HEADS: 1.8 GPM KITCHEN FAUCETS 1.8 GPM

LAVATORY SINK FAUCETS: 1.2 GPM

\* FOR MULTIPLE SHOWER HEADS SERVING ONE SHOWER, THE COMBINED FLOW RATE OF ALL SHOWER HEADS CONTROLLED BY A SINGLE VALVE SHALL NOT EXCEED 1.8 GPM AT 80 PSI.

\* KITCHEN FAUCETS MAY TEMPORARILY INCREASE THE FLOW ABOVE THE MAXIMUM RATE BUT NOT TO EXCEED 2.2 GPM & MUST DEFAULT TO A MAXIMUM FLOW RATE OF 1.8 GPM.

\* WATER CLOSET FLUSH: WATER CLOSETS, EITHER FLUSH TANK, FLUSHOMETER TANK, OR FLUSHOMETER VALVE OPERATED, SHALL HAVE AN AVERAGE CONSUMPTION OF NOT MORE THAN 1.28 GALLONS OF WATER PER FLUSH. LAVATORY FAUCETS SHALL HAVE A MAXIMUM FLOW RATE OF 1.2 GPM AT 60 PSI. KITCHEN FAUCETS: MAX 1.8 GPM AT 60 PSI, SHOWERHEADS: MAX 1.8 GPM AT 80 PSI & MULTIPLE SHOWERHEADS SERVING ONE SHOWER SHALL HAVE A COMBINED FLOW RATE OF ALL SHOWERHEADS OF 1.8 GPM AT 80 PSI. 2019 CALIFORNIA GREEN BUILDING CODE SECTION 4.303.

\* THE EXISTING FAU LOCATED w/IN THE PRIMARY RESIDENCE ATTIC HAS ACCESS FLOORING w/ A MINIMUM 24" WIDE SOLID SURFACE TO A LEVEL SERVICE SPACE NOT LESS THAN 30" DEEP AND 30" WIDE AT THE EQUIPMENT SERVICE SIDE. A LUMINAIRE CONTROLLED BY A SWITCH LOCATED AT THE REQUIRED PASSAGEWAY OPENING AND A RECEPTACLE OUTLET ARE EXISTING AND INSTALLED NEAR THE FAU.

\* WATER HEATER COMBINATION PRESSURE & TEMPERATURE RELIEF VALVES SHALL EXTEND TO OUTSIDE OF BUILDING WITH THE END OF THE PIPE NOT MORE THAN 2 FEET NOR LESS THAN SIX INCHES ABOVE THE GROUND & POINTING DOWNWARD. CPC 505.6 & 608.5.

\* SHOWER COMPARTMENTS AND BATHTUBS WITH INSTALLED SHOWER HEADS SHALL BE FINISHED WITH A NONABSORBENT SURFACE THAT EXTENDS TO A HEIGHT OF NOT LESS THAN 6 FEET ABOVE THE FLOOR. CRC R307.2.

\* PROVIDE MINIMUM 3 FT CLEARANCES FROM NEW BATHROOM & KITCHEN RANGE HOOD EXHAUST TERMINATION TO ANY BUILDING OPENING & PROPERTY

\* EXHAUST DUCTS & DRYER VENTS SHALL BE EQUIPPED WITH BACK-DRAFT DAMPERS. SEC. 504.1.1 CMC.

\* DRYER VENT: PROVIDE MIN. 4" DRYER DUCT TO OUTSIDE AIR. SHALL NOT EXCEED A COMBINED HORIZONTAL & VERTICAL LENGTH OF 14 FEET. INCLUDING UP TO TWO 90 DEGREE ANGLES. REDUCE ALLOWED LENGTH BY TWO FEET FOR EVERY 90 DEGREE ELBOW BEYOND THE ALLOWED TWO.

\* SCREEN/LOUVERS SHALL NOT BE INSTALLED AT DRYER VENT TERMINATIONS PER SEC. 504.4 CMC.

\* FLEXIBLE CLOTHES DRYER TRANSITION DUCTS SHALL NOT BE CONCEALED WITHIN CONSTRUCTION (REF. SECTION 504.4.2.2 CMC).

\* PROVIDE MINIMUM 100 CFM KITCHEN RANGE HOOD EXHAUST TO OUTSIDE OF THE BUILDING PER SECTION

150.0(0) BEES & ASHRAE 62.2.

\* INSTALLATION OF GAS LINE FOR NEW ACCESSORY DWELLING UNIT BUILDING IS PROHIBITED PER SANTA BARBARA MUNICIPAL CODE CHAPTER 22.110.

\* MINIMUM 1/4" PER FOOT SLOPE FOR WASTE PIPES PER SECTION 708 CPC.

\* BUILDING DRAIN & VENT PIPING MATERIALS SHALL COMPLY WITH SECTIONS 701.0 & 903.0 OF THE CALIFORNIA PLUMBING CODE.

\* ALL SANITARY SYSTEM MATERIALS SHALL BE LISTED BY AN APPROVED LISTING AGENCY.

LESS THAN 6" ABOVE THE FLOOD-LEVEL RIM OF THE FIXTURE SERVED BEFORE OFFSETTING HORIZONTALLY OR BEFORE BEING CONNECTED TO ANY OTHER VENT.

\* EACH VENT SHALL RISE VERTICALLY TO A POINT NOT

\* ALL DRAINAGE WASTE & VENT PIPES SHALL COMPLY WITH TABLE 703.2 CPC.

\* SHOWERS & TUB-SHOWER COMBINATIONS SHALL BE PROVIDED WITH MIXING VALVES PER SECTION 408.3 CPC.

\* WATER HEATER SHALL BE ANCHORED OR STRAPPED TO RESIST HORIZONTAL DISPLACEMENT DUE TO EARTHQUAKE MOTION PER SECTION 507.2 CPC.

\* A WATER HEATER PRESSURE & TEMPERATURE RELIEF DRAIN THAT TERMINATES OUTSIDE THE BUILDING SHALL COMPLY WITH SECTION 608.5 CPC.

Architect/General Contractor: **AGODKIN** DESIGN/BUILD, INC

510 W. Los Olivos Street Santa Barbara, CA 93105 cell: (805) 256-2920 email: shawn@godkin-db.com

Architect Stamp/Signature

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DATE

Client Name

REVISION

Address

Contact Info

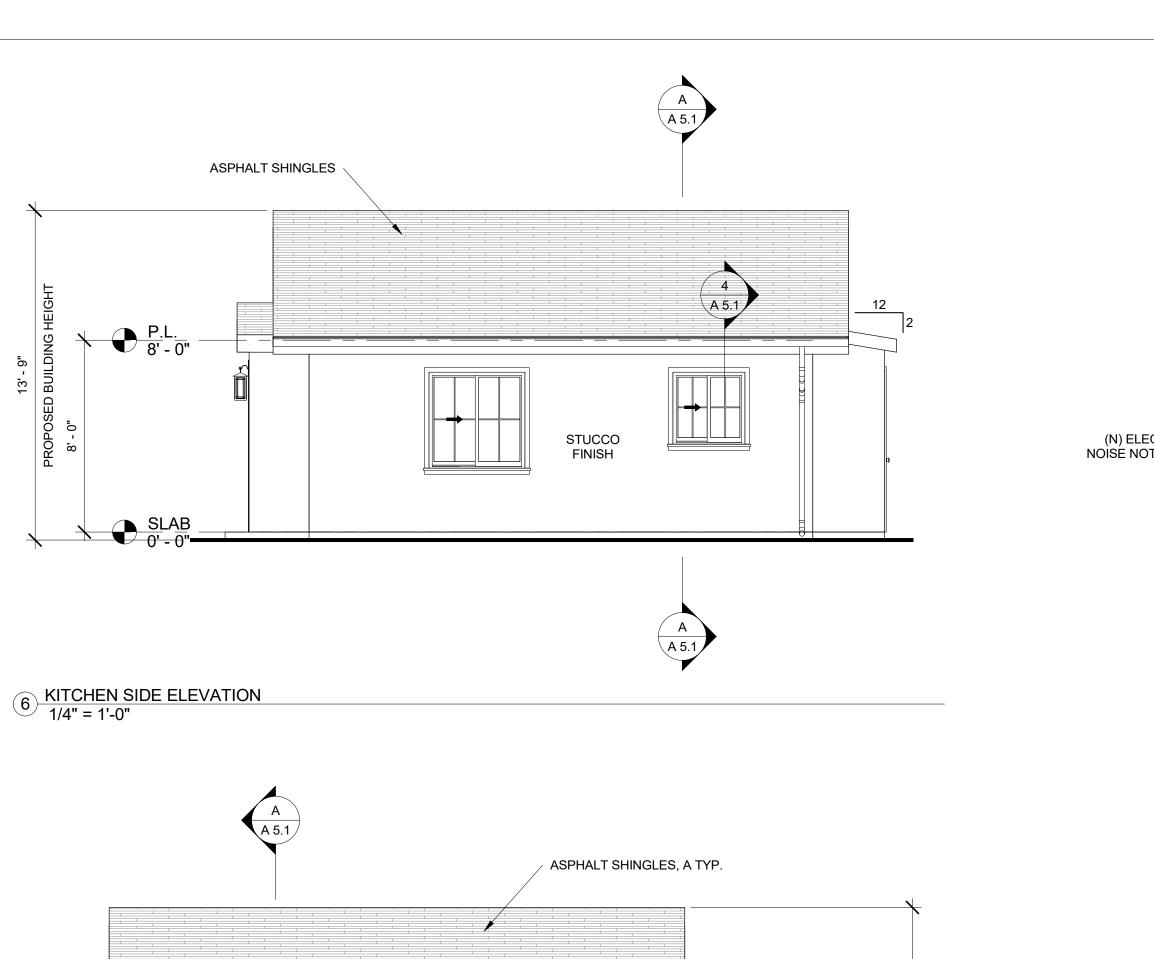
**FLOOR & ROOF PLAN** 

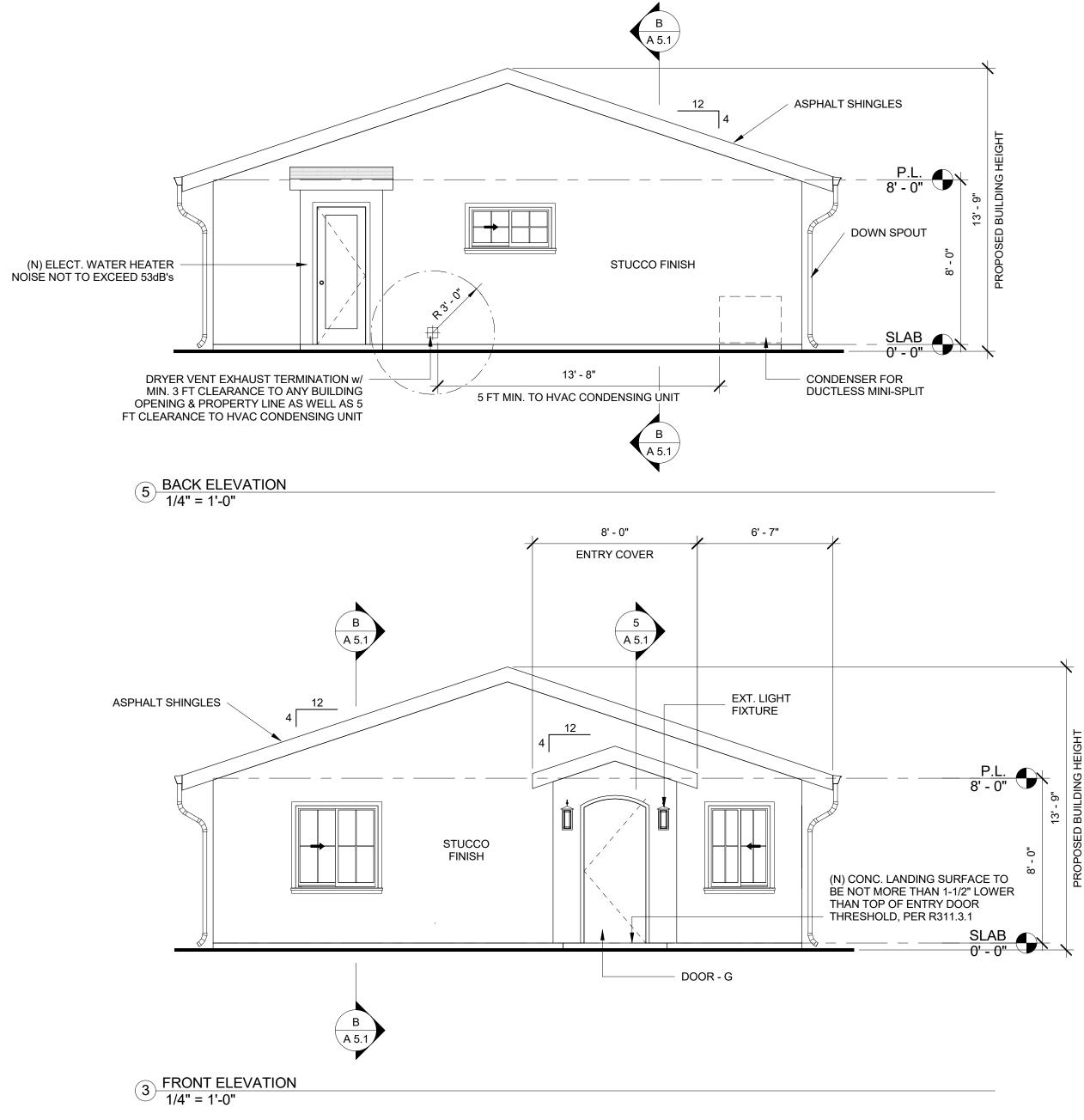
Project number Drawn by SPG Checked by

1/4" = 1'-0"

PROPOSED ROOF PLAN 1/4" = 1'-0"

PROPOSED ACCESSORY DWELLING UNIT FLOOR PLAN







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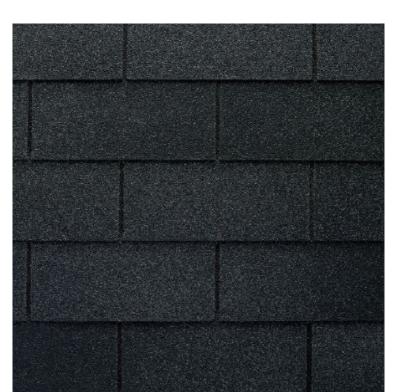
Address

Contact Info

**ELEVATIONS - OPT A -**ENGLISH COTTAGE

Project number Drawn by Checked by SPG A 3.1

MATERIALS AND FINISHES



A ASPHALT SHINGLE ROOF Material: Asphalt Shingle Roof Color: Charcoal



STUCCO FINISH

4 BEDROOM SIDE ELEVATION 1/4" = 1'-0"

B STUCCO Material: Stucco Plaster Finish, 7/8" Thick Color: White Dove (OC-17) Walls w/ Peppercorn (SW-7674) Trim



8' - 0"

C WINDOWS Material: Vinyl, Wood Clad or Fibrex Color: White



Peppercorn (SW-7674) Trim or wood stain

D ARCH-TOP DOOR **Material:** Mahogany Color: Timson Green(CW-470) Door or



Material: Steel & Glass



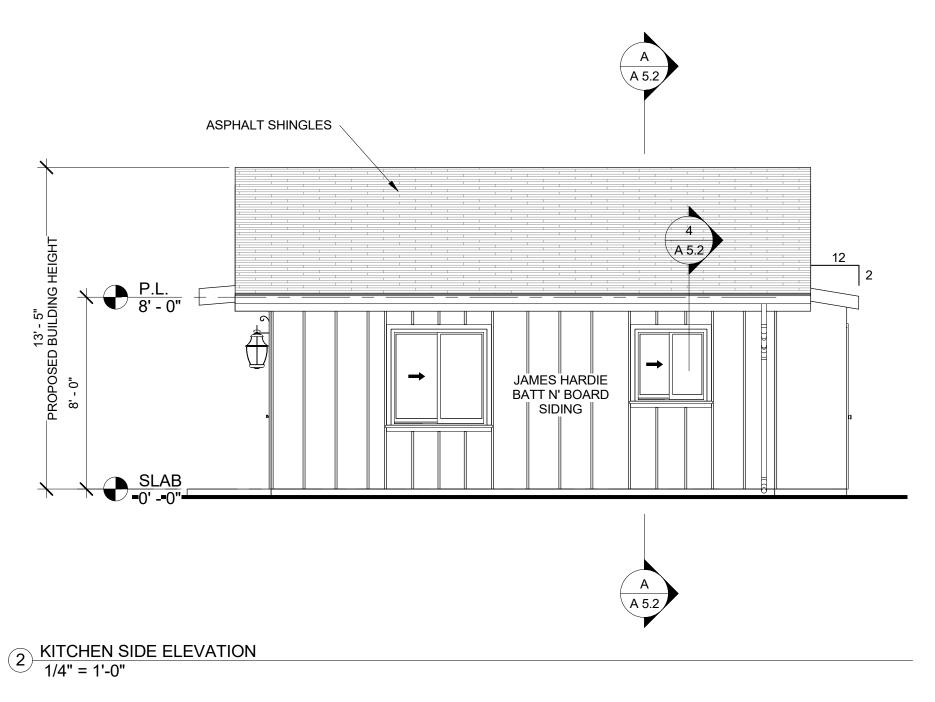
E EXTERIOR SCONCE (LANTERN) F PAINT - FIELD Color: White Dove (OC-17) Walls Color: Black

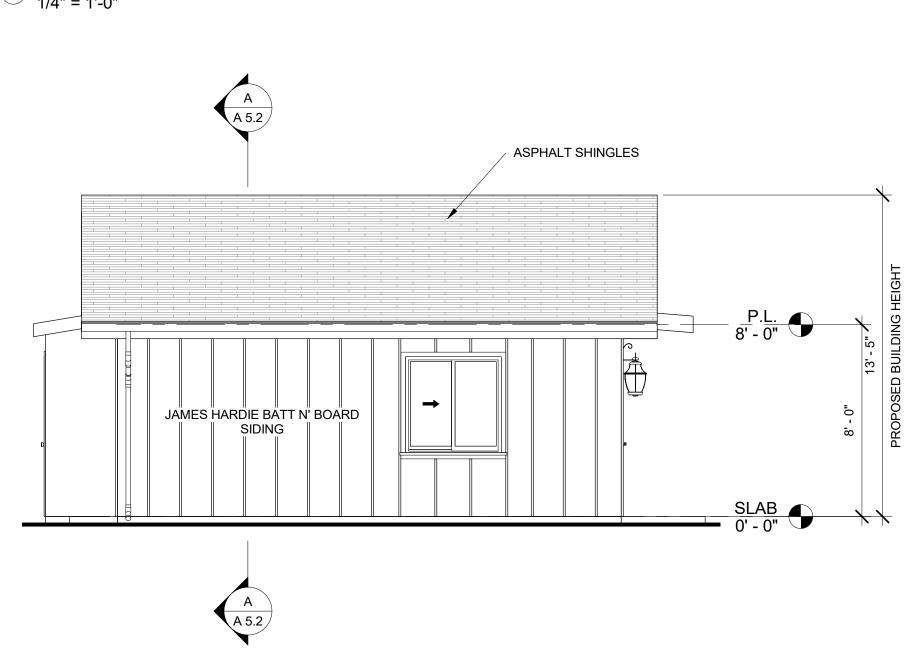


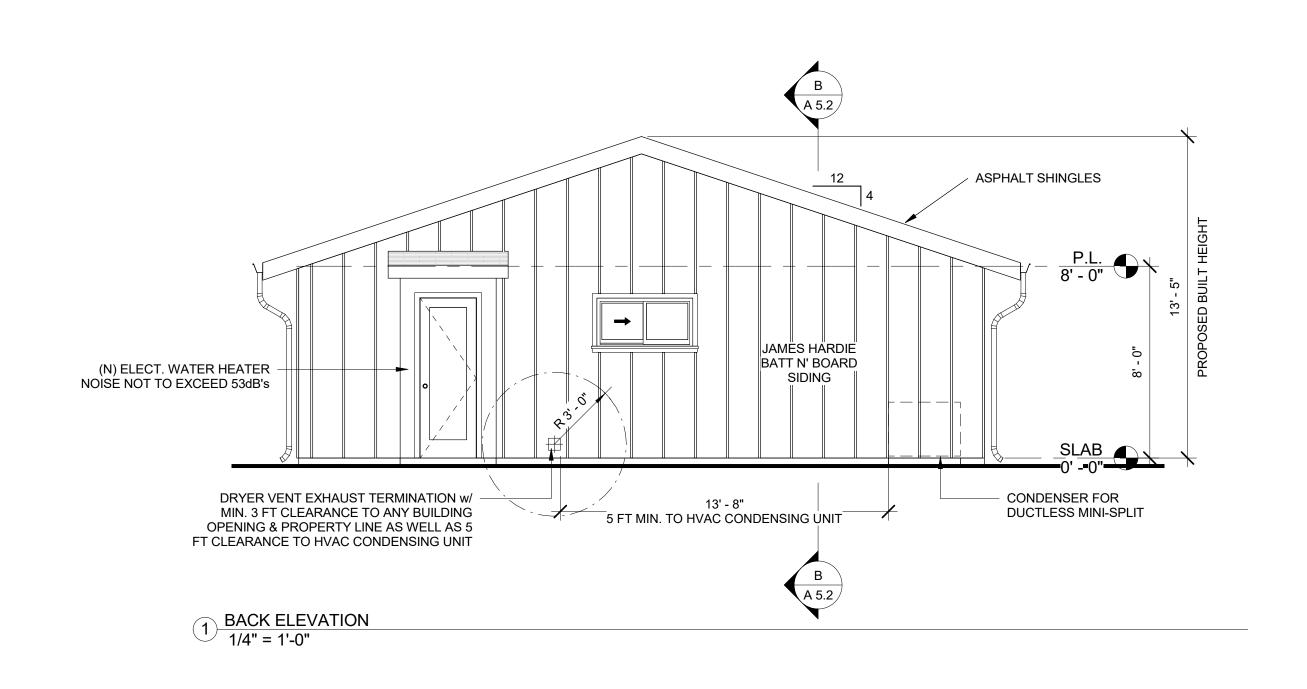


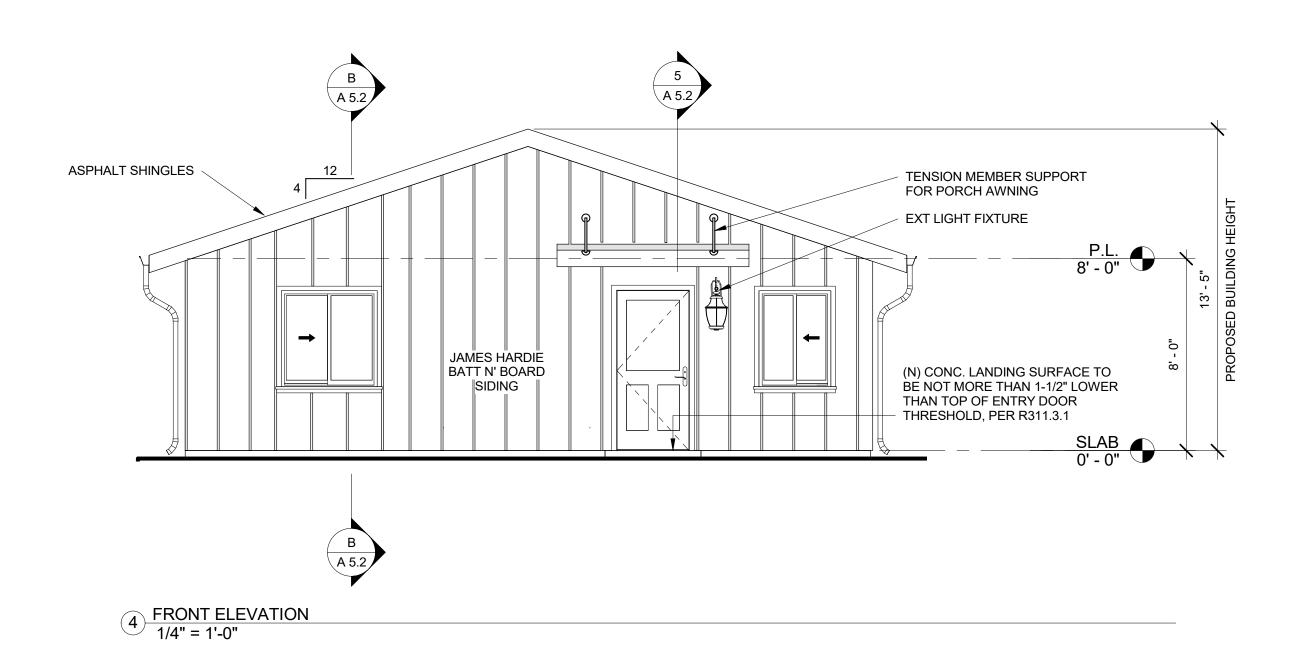
G PAINT - TRIM Color: Peppercorn (SW-7674) Trim

G PAINT - DOOR Color: Timson Green(CW-470) Door or Peppercorn (SW-7674) Trim









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Architect Stamp/Signature

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Client Name

REVISION

Contact Info

Project number

ELEVATIONS - OPT B - MODERN FARMHOUSE

Drawn by Checked by SPG A 3.2

1/4" = 1'-0"

MATERIALS AND FINISHES



**ASPHALT SHINGLE ROOF** Material: Asphalt Shingle Roof Color: Charcoal (pictured)



3 BEDROOM SIDE ELEVATION 1/4" = 1'-0"

B HORIZONTAL SIDING & TRIM **Material:** James Hardie Cementitious Siding Color: White Dove (OC-17) Walls



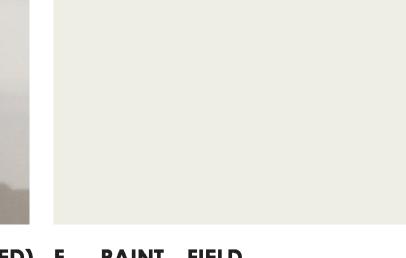
C WINDOWS Material: Vinyl, Wood Clad or Fibrex Color: White



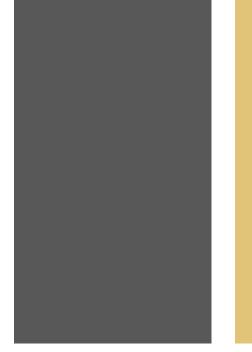
D FRONT DOOR **Material:** Wood Color: Marblehead Gold (HC-11) Door



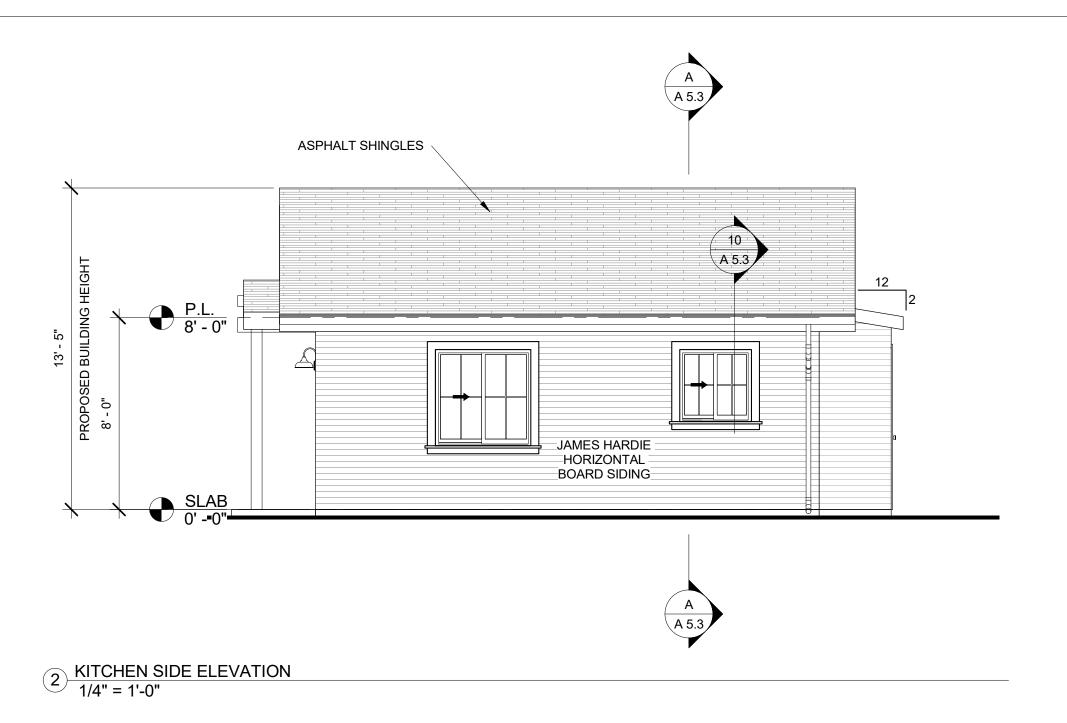
Material: Steel & Glass Color: Stainless Steel Hood

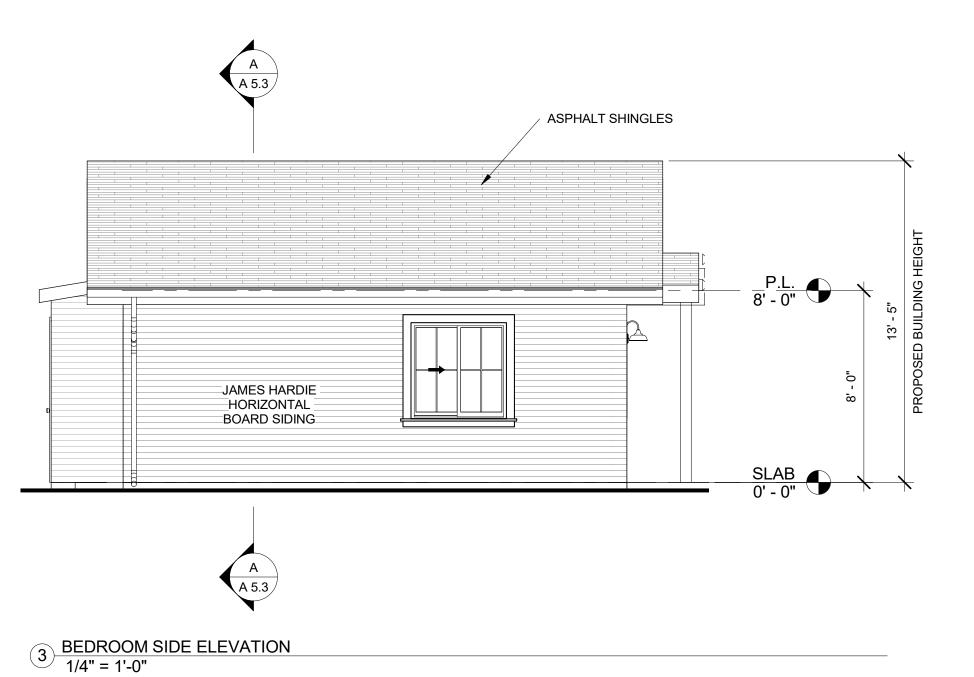


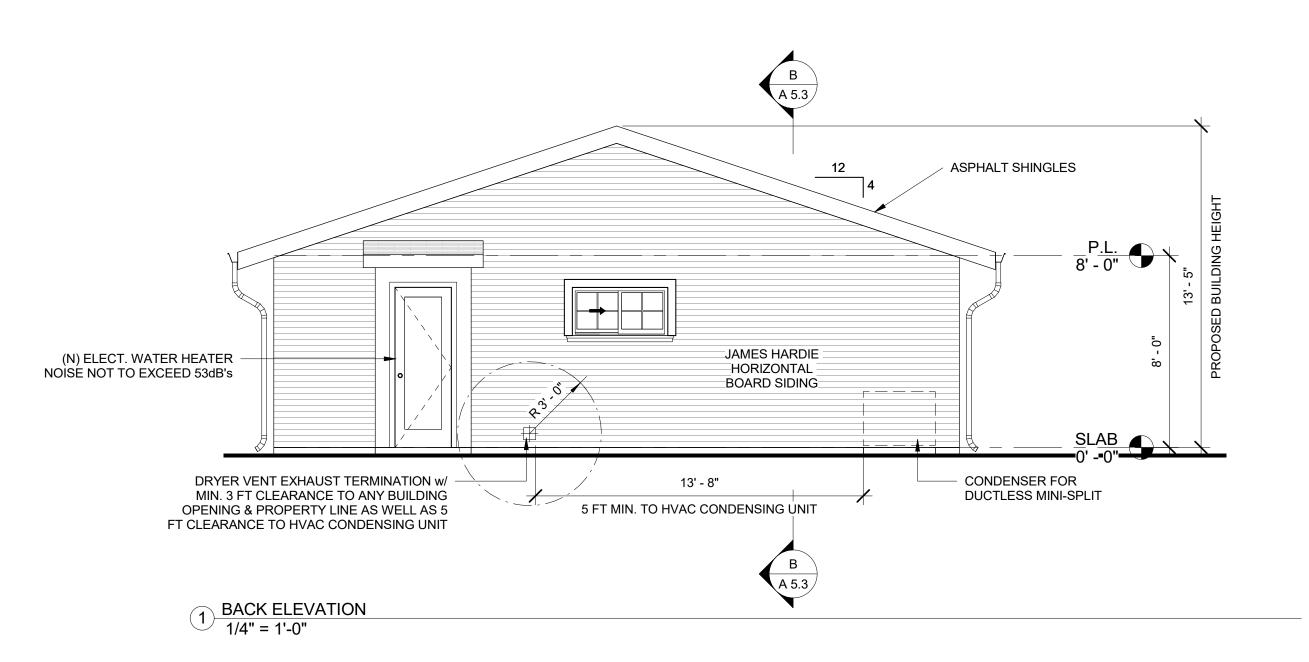
E EXTERIOR SCONCE (HOODED) F PAINT - FIELD Color: White Dove (OC-17) Walls

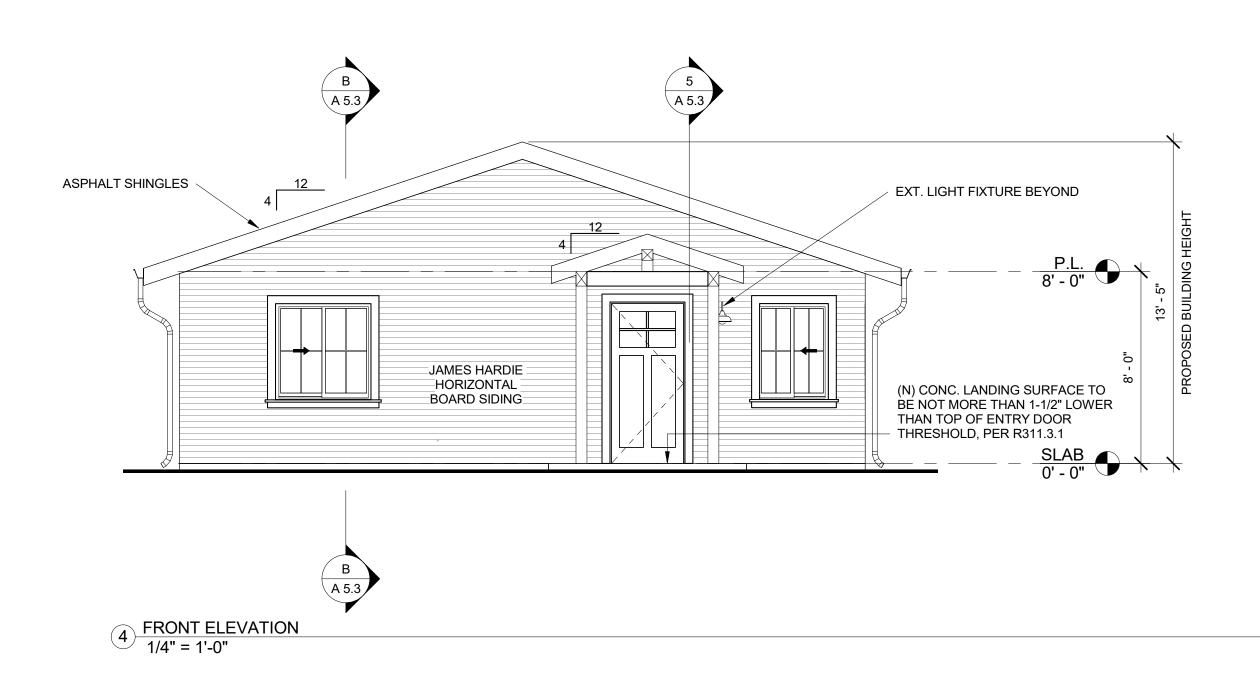


G PAINT - TRIM G PAINT -Color: Peppercorn (SW-7674) Trim











Architect/General Contractor:

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REVISION

Client Name

Scale

Contact Info

ELEVATIONS - OPT C -CRAFTSMAN

Project number Drawn by Checked by SPG

A 3.3

1/4" = 1'-0"

MATERIALS AND FINISHES



**ASPHALT SHINGLE ROOF** Material: Asphalt Shingle Roof Color: Charcoal (pictured)



B HORIZONTAL SIDING & TRIM Material: James Hardie Cementitious Color: White Dove (OC-17) Walls



C WINDOWS Material: Vinyl, Wood Clad or Fibrex Color: Black

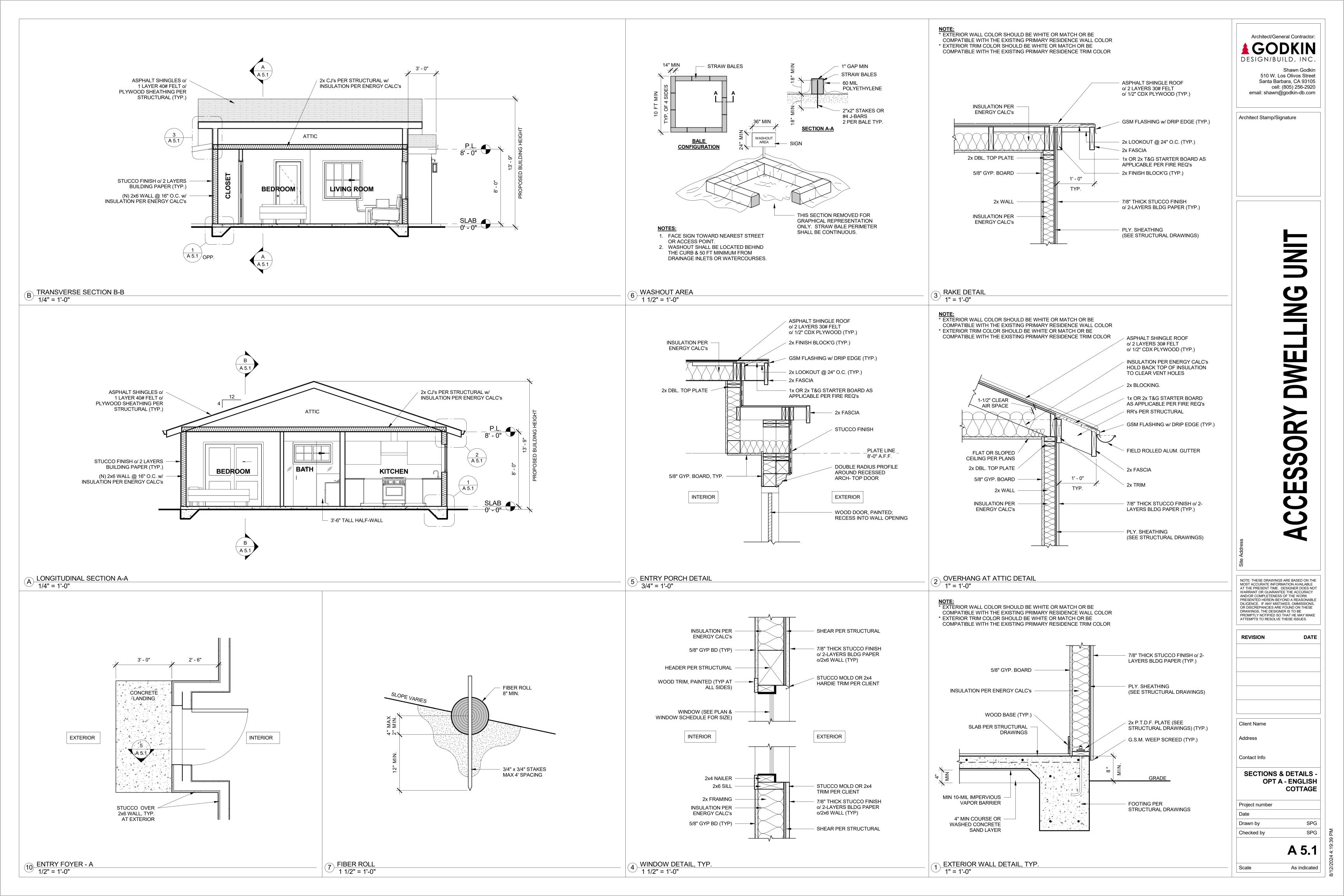


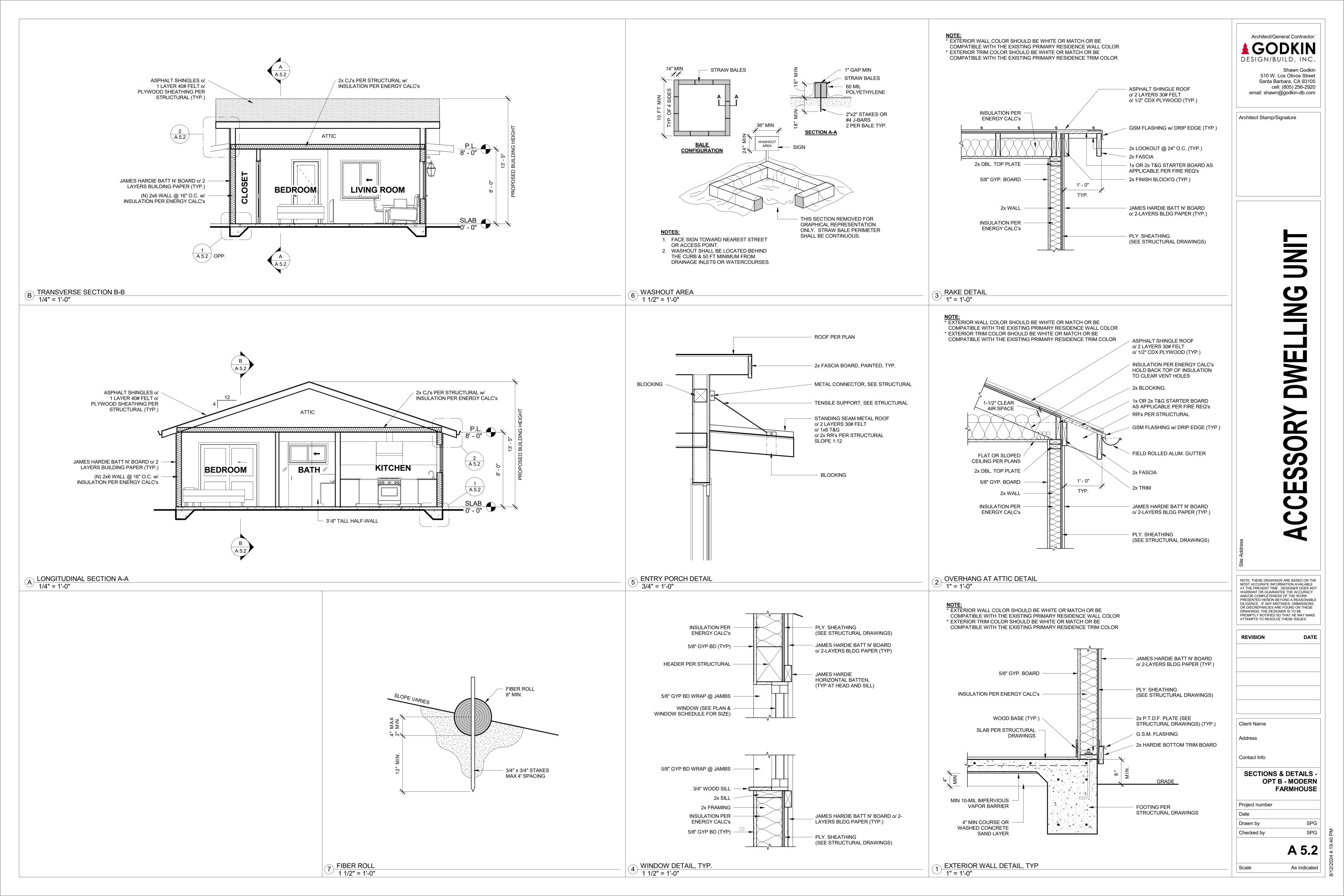
D FRONT DOOR Material: Fiberglass, Doug Fir or Cedar Color: Walnut (stained & sealed)

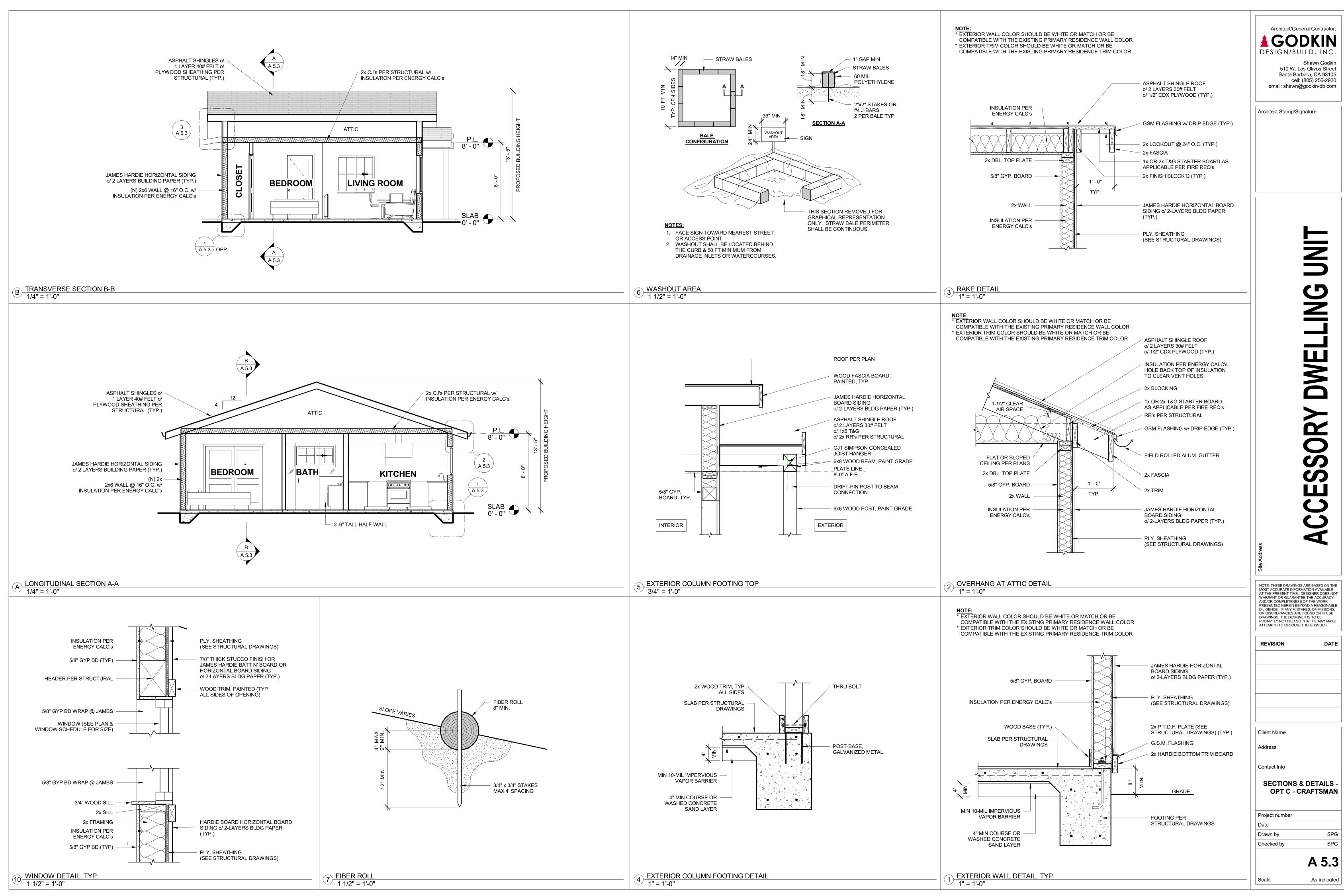


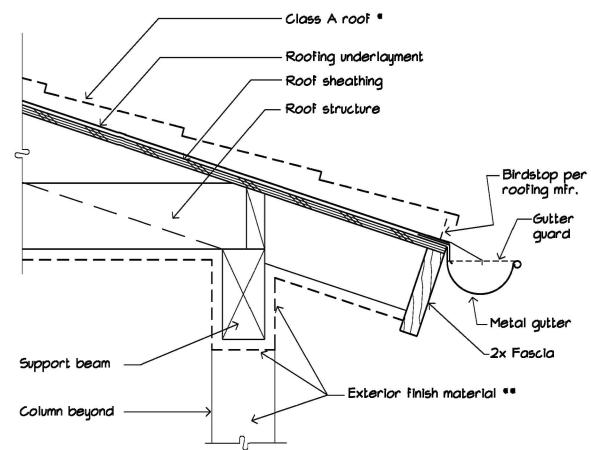
EXTERIOR SCONCE (HOODED) F PAINT - FIELD **Material:** Steel & Glass Color: Black











## Wildland-Urban Interface Area Construction Roofing underlayment -Roof sheathing - Air-impermeable spray foam insulation \*\*\* Vent holes o vented attic condition —Birdstop per roofing mfr. Ceiling @ vented attic condition Roof rafters -Eave vent o vented attic condition SFM listing #\_\_\_\_\_ nsulated stud wall Exterior finish material \*\*\*

Plywd sheathing as req'd

## Roof covering for structures located within a State or Local Agency Very-High Fire Hazard Severity Zone pursuant CRC Section R337 is to be a fire-retardant Class A roof covering. Roof covering for structures in the Montecito Fire Protection District is to be fire-retardant Class A roof covering. Provide listing report number of approved Class A roofing on plans. [CRC R902; Montecito Fire Protection District Ordinance] Where the roofing profile has an airspace under the roof covering, installed over a

Alternatively, a Class A fire rated roof underlayment, tested in accordance with ASTM E108,

shall be permitted to be used. If the sheathing consists of exterior fire-ratardant-treated

stops shall be used at the eaves when the profile fits, to prevent debris at eave. Hip and

When provided, valley flashings subject to CRC Section R337 are not to be less than 26

galvanized sheet gauge corrosion resistant metal installed over a minimum 36" wide

cap sheet complying with ASTM D3909 installed over the combustible decking. [CRC

Roof gutters subject to CRC Section R337 to be provided with means to prevent the

Except for minimum 2x solid wood rafters, minimum 2x solid blocking between rafters, fascia and architectural trim, the exposed roof deck on the underside of eaves shall consist of

non-combustible material, ignition-resistant material as defined in CRC Section R337.2, one

layer of 5/8 inch Type X gypsum sheathing applied behind an exterior covering on the

portion of an approved 1-hour fire resistive wall assembly on the exterior side. These

underside exterior of the roof deck, or minimum 2x T&G decking without any concealed

space above. Alternatively, the underside of the eave shall be constructed as the exterior

provisions do not apply to a gable end overhangs except at the lower end of the rafter tails

Except for gable end overhangs beyond the exterior wall (other than at the lower end of the

having either a boxed-in roof eave soffit with a horizontal underside or sloping rafter tails with

material, shall be ignition-resistant material as defined in CRC Section R337.2, shall have a

minimum of one layer of 5/8 inch Type X gypsum sheathing beneath the exterior covering on

the underside of the eave or shall be constructed as an approved 1-hour fire resistive wall

Except for architectural trim, the exposed underside of exterior porch ceilings shall be

1-hour fire resistive wall assembly on the exterior side. [CRC R337.7.6]

non-combustible material, shall be ignition-resistant material as defined in CRC Section

R337.2, shall have a minimum of one layer of 5/8 inch Type X gypsum sheathing beneath

the exterior covering on the underside of the ceiling or shall be constructed as an approved

Except for architectural trim, the exposed underside of cantilevered floor projections where a

ignition-resistant material as defined in CRC Section R337.2, shall have a minimum of one

layer of 5/8 inch Type X gypsum sheathing beneath the exterior covering on the underside of

the floor projection or shall be constructed as an approved 1-hour fire resistive wall assembly

floor assembly extends over an exterior wall shall be non-combustible material, shall be

The underfloor area of elevated or overhanging buildings shall be enclosed to grade in accordance with the requirements of CRC R337.7.3 or the exposed underfloor shall be

non-combustible material, shall be ignition-resistant material as defined in CRC Section

the exterior covering on the underside of the elevated floor or shall be constructed as an

approved 1-hour fire resistive wall assembly on the exterior side. (Exception: Structural

Exterior walls are to be approved noncombustible material, ignition-resistant material as

Approved exterior wall materials shall extend from the top of the foundation to the 2x

defined in CRC Section R337.2, shall be minimum 4x T&G or splined planks, shall have a

minimum of one layer of 5/8 inch Type X gypsum sheathing beneath the exterior covering, or

shall be constructed as an approved 1-hour fire resistive wall assembly on the exterior side.

minimum blocking between rafters at the eaves or to the bottom of the enclosure in the case

Ventilation openings for gable end vents, ridge ends, underfloor crawl spaces and all other

Ember resistant (WUI) vents approved and listed by the California State Fire Marshal, or

Exterior glazing (exterior windows, exterior glazed doors, glazed openings within exterior

ventilation vents that mount in a vertical wall shall be fully covered with Wildland Flame and

columns and beams, constructed with lumber with the smallest nominal dimension of 4" do

R337.2, shall have a minimum of one layer of 5/8 inch Type X gypsum sheathing beneath

rafter tails), fascia and architectural trim, the exposed underside of enclosed roof eaves

an exterior covering applied to the underside of the rafter tails shall be non-combustible

ridge caps shall be mudded in to prevent intrusion of fire or embers.

accumulation of leaves and debris in the gutter. [CRC R337.5.4]

(the portion in line with the eave). [CRC R337.7.4]

assembly on the exterior side. [CRC R337.7.5]

on the exterior side. [CRC R337.7.7]

not require protection.) [CRC R337.7.8]

of boxed or enclosed eaves. [CRC R337.7.3]

WUI vents listed to ASTM E2886. [CRC R337.6]

wood, the underlayment shall not be required to comply with a Class A classification. Bird

framing or deck.)

## combustible deck, a 72 pound cap sheet complying with ASTM D3909 Standard Specifications for "Asphalt Rolled Roofing (Glass Felt) Surfaced with Mineral Granules," shall be installed over the roof deck. Bird stops shall be used at the eaves when the profile fits, to prevent debris at eave. Hip and ridge caps shall be mudded in to prevent intrusion of fire or embers. (Exception: Cap sheet is not required when no less than 1 inch of mineral wool board or other noncombustible material is located between the roofing material and wood

be tested to the performance requirements of SFM Standard 12-7A-1. [CRC R337.8.3] Perimeter gap at exterior garage doors shall not exceed 1/8" to prevent intrusion of embers. Gaps between the doors and door openings shall be provided with weather stripping products meeting ASTM D638 and exhibit a V-2 or better flammability rating when tested to UL 94 standard, shall be designed with door overlaps onto jambs and headers, or shall have door jambs and headers covered with metal flashing. [CRC R337.8.4]

(13.) Operable skylights shall be protected by a noncombustible mesh screen with maximum

(14.) Exterior doors shall comply with one of the following: 1. Exterior surface or cladding shall be

of non-combustible or ignition resistant material or, 2 Shall be constructed of solid core

raised panels shall not be less than 1-1/4 inches thick, except for the exterior perimeter of

the raised panel that may taper to a tongue not less than 3/8 inch thick, 3. Shall have a fire

-resistance rating of not less than 20 minutes when tested according to NFPA 252, 4. Shall

wood that comply with the following: stile and rails shall not be less than 1-3/8 inches thick,

opening not to exceed 1/8 inch. [CRC R337.8.2.2]

(16.) Pursuant CRC R337.9, decking surfaces, stair treads, risers, and landings of decks, porches and balconies where any portion of such surface is within 10 feet of the structure shall be constructed of 1) ignition-resistant material that complies with the performance requirements of both SFM Standard 12-7A-4 and Standard 12-7A-5, 2) exterior fire retardant treated wood, 3) non-combustible material, or 4) any material that complies with the performance requirements of SFM Standard 12-7A-4A when adjacent exterior wall covering is also either underlayment consisting of one layer of minimum 72 pound mineral surfaced non-perforated non-combustible or ignition-resistant material (wall material may be of any material that otherwise complies with CRC R337 when the decking surface material complies with the performance requirements of ASTM E-84 with a Class B flame spread rating). [CRC R337.9]

> (17.) Patio covers, carports, gazebos and similar structures which are attached or where any portion of such structure is within 50 feet of a dwelling (R-3 occupancy) shall be constructed of non-combustible materials, ignition-resistant materials, or shall comply with the exterior covering requirements of CRC Section R337.7. [CRC R337.10.2]

Trellises, arbors, and similar structures which are attached or where any portion of such structure is within 50 feet of a dwelling (R-3 occupancy) shall be constructed of non-combustible materials, ignition-resistant materials, or heavy timber construction as defined in CRC. [CRC R337.10.2]

(19.) For buildings located in any Fire Hazard Severity Zone or Wildland-Urban Interface area, attic ventilation is to be provided per CRC Section R806 and must comply with the requirements of CRC Section R337.6. Net free ventilated area is to be a minimum of 1/150 of the area of space ventilated. Area may be 1/300 when at least 40 percent and not more than 50 percent of the required ventilating area is provided by ventilators located in the upper portion of the apace to be ventilated at least 3 feet below the ridge with the balance of the required ventilation provided by eave, cornice or other roof vents located in the bottom third of the attic space.

Ridge vents, when covered by noncombustible wire mesh per CRC R337.6.2, may be of combustible construction. All other types of attic vents must be of non-combustible construction and must be corrosion resistant. The opening size in any ventilation device or material (such as wire mesh) is to have a minimum opening size of 1/16 inch and maximum opening size not to exceed 1/8 inch.

Vents shall not be installed on the underside of eaves and cornices, exceptions:

1) Wildland Flame and Ember Resistant (WUI) vents approved and listed by the California State Fire Marshal, or WUI vents listed to ASTM E2886 by complying with all the following

1.1 There shall be no flaming ignition of the cotton material during the Ember Intrusion

1.2 There shall be no flaming ignition during the Integrity Test portion of the Flame Intrusion Test. 1.3 The maximum temperature of the unexposed side of the vent shall not exceed 662

2) The enforcing authority may accept or approve special eave and cornice vents that resist the intrusion of flame and burning embers.

3) Vents shall be permitted to be installed on the underside of eaves and cornices in accordance with all of the following conditions:

3.1. The attic space being ventilated is fully protected by an automatic sprinkler system installed in accordance with Section 903.3.1.1 of the CBC (NFPA 13). 3.2 The exterior wall covering and exposed underside of the eave are of noncombustible material, or ignition resistant materials as determined in accordance with SFM Standard 12-7A-5 Ignition Resistant Material and the vent is located more than 12 feet from the

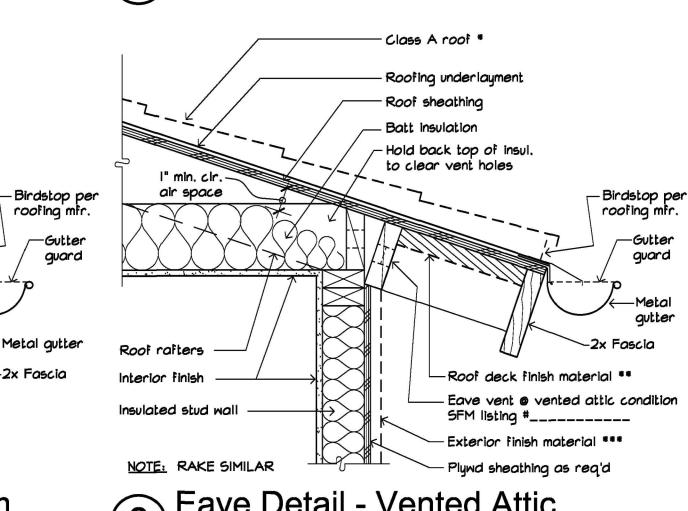
ground or walking surface of a deck, porch, patio or similar surface. [C337.6.3] Unvented attic assemblies can be approved provided the unvented attic space is completely contained within the building thermal envelope and no interior vapor retarder is installed on the ceiling side of the unvented attic assembly. Insulation shall be applied in direct contact with the underside of the structural roof sheathing and shall either be entirely of an air-impermeable product or shall have a layer of air-impermeable product installed in direct contact with the underside of the structural roof sheathing for proper condensation control with the balance of the insulation being air-impermeable below it. (Note: Air-permeable insulation alone may be applied directly below the structural sheathing when rigid insulation with an R-value of R-5 minimum is installed directly above the structural roof sheathing for

\*\* Comply with one of the following:

Class A roof approved listing #\_\_\_\_\_

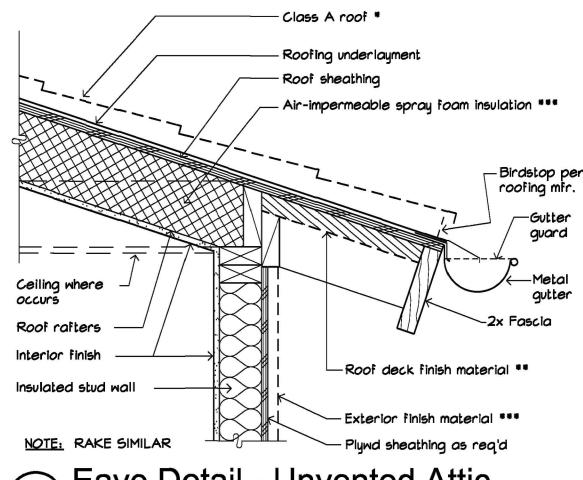
condensation control) [CRC R806.5]

FOOTNOTES:



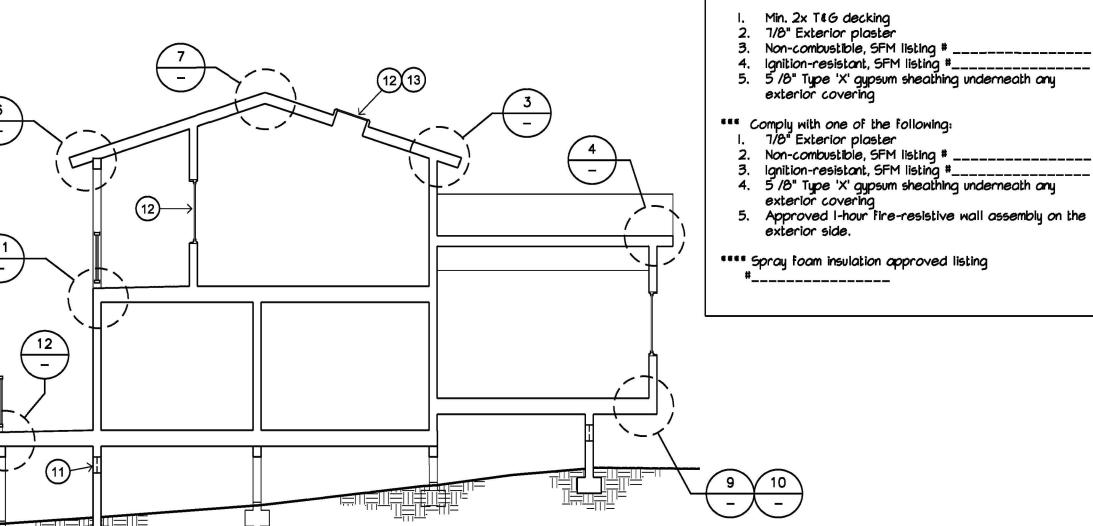
2 Eave Detail - Vented Attic

SCALE : NONE

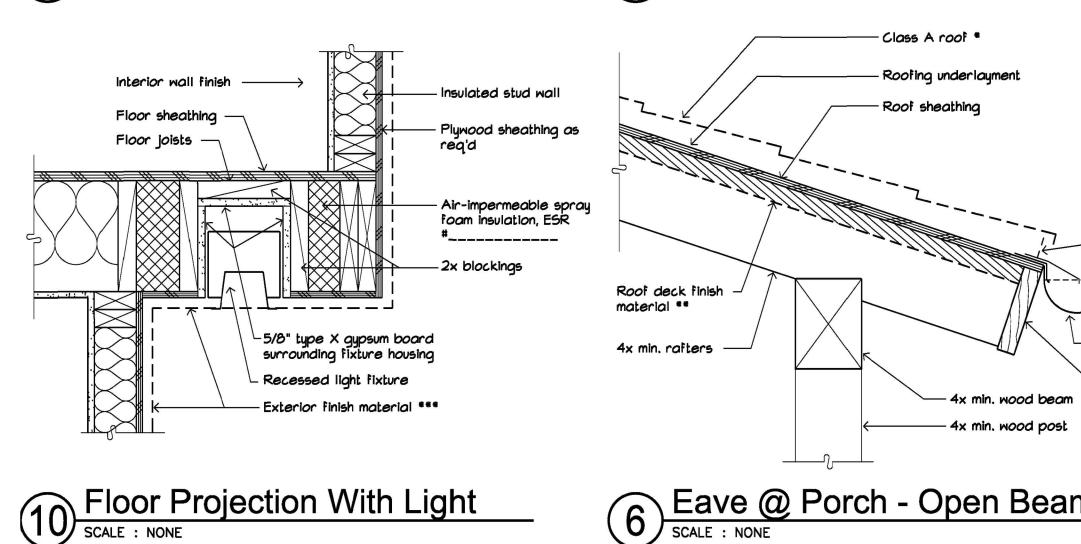


doors, glazed openings within exterior garage doors, exterior structural glass veneer,

skylights, vents) subject to CRC Section R337 are to be multi-pane glazing with a minimum of one tempered pane, or glass block units, or have a fire resistance rating of not less than 20 minutes when tested in accordance with ASTM 257, or conform to the performance requirements of SFM 12-7A-2. [CRC 337.8]



# 5 Eave @ Porch - Boxed-In Soffit



Class A roof/walk deck

current listing

- Min. 2x wood trim

Habitable space

Deck Detail

| SCALE : NONE

Deck Detail

| SCALE : NONE

below deck

current listing #\_\_\_\_\_

Spaced decking of non-

SFM listing #\_

Deck framina

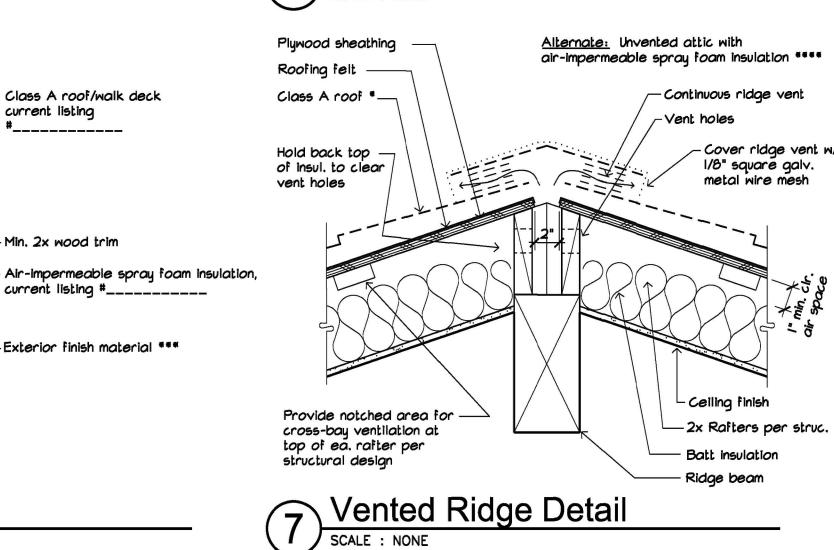
Deck support structure

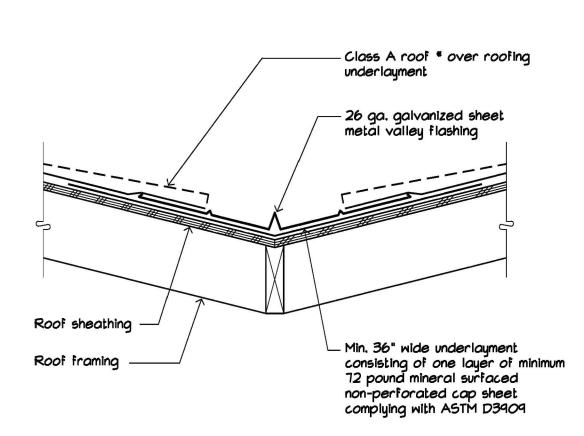
combustible, ignition-resistant or

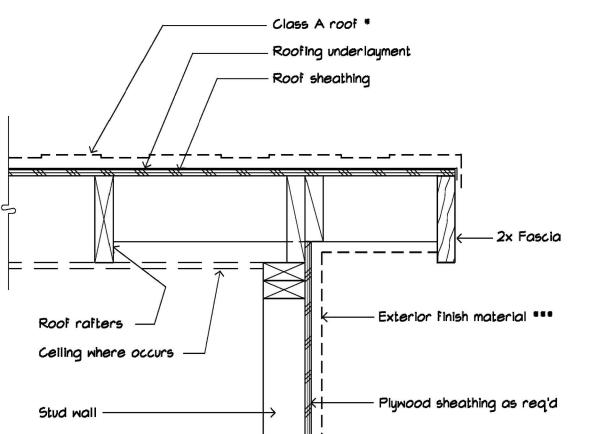
any SFM approved decking

-Exterior finish material \*\*\*

## 6 Eave @ Porch - Open Beam SCALE : NONE







3 Eave Detail - Unvented Attic

Architect/General Contractor: ▲ GODKIN DESIGN/BUILD, INC.

> Shawn Godkin 510 W. Los Olivos Street Santa Barbara, CA 93105 cell: (805) 256-2920 email: shawn@godkin-db.com

Architect Stamp/Signature

NOTE: THESE DRAWINGS ARE BASED ON THE MOST ACCURATE INFORMATION AVAILABLE WARRANT OR GUARANTEE THE ACCURACY AND/OR COMPLETENESS OF THE WORK PRESENTED HEREIN BEYOND A REASONABLE DILIGENCE. IF ANY MISTAKES, OMMISSIONS OR DISCREPANCIES ARE FOUND ON THESE DRAWINGS, THE DESIGNER IS TO BE

PROMPTLY NOTIFIED SO THAT HE MAY MAKE

ATTEMPTS TO RESOLVE THESE ISSUES.

REVISION	DATE

Client Name

Address

Contact Info

**HIGH FIRE DETAILS** 

Project number Drawn by Checked by

A 5.4

Scale

Schematic Section For Reference Only