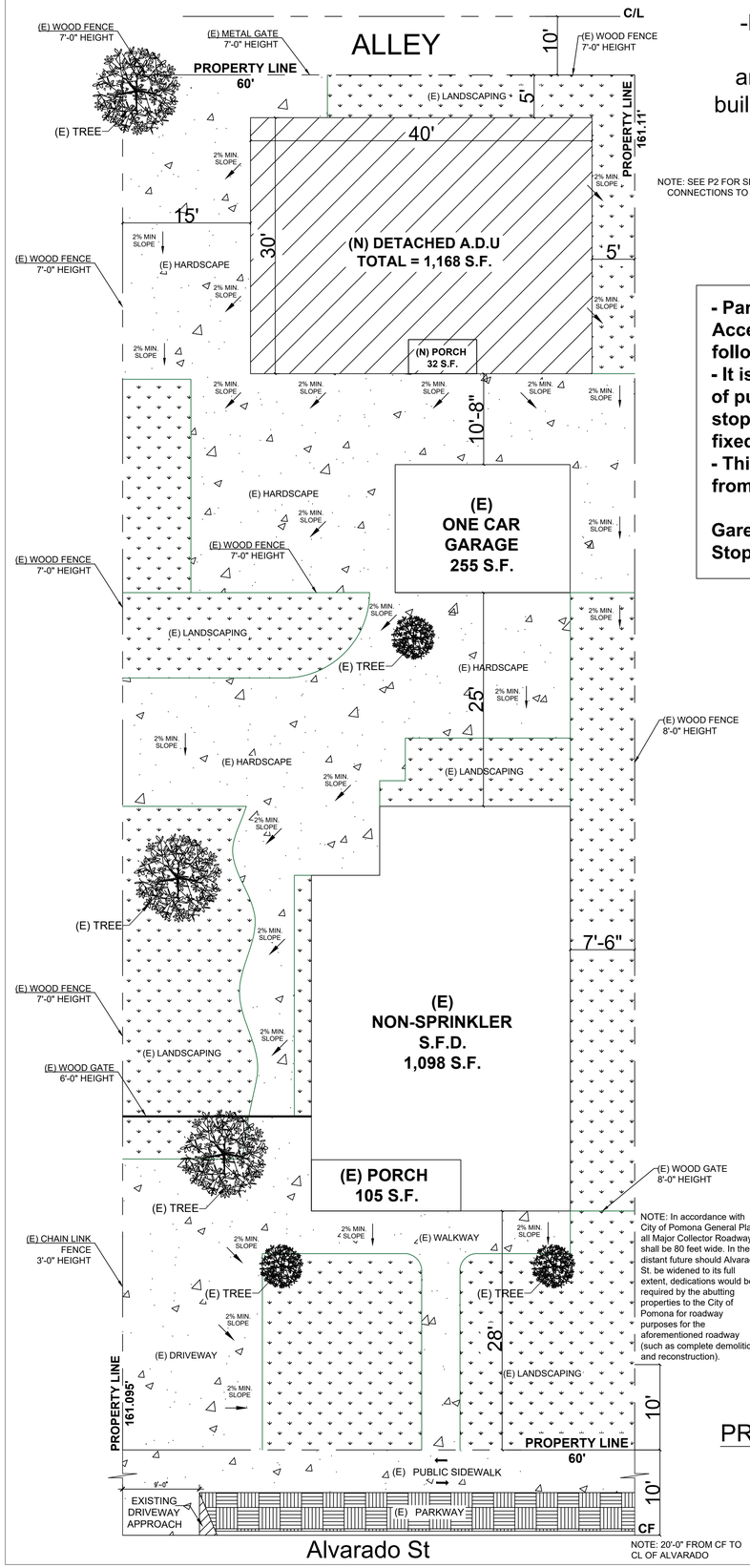


NOTE: In accordance with City of Pomona General Plan, all Major Collector Roadways shall be 80 feet wide. In the distant future should Alvarado St. be widened to its full extent, dedications would be required by the abutting properties to the City of Pomona for roadway purposes for the aforementioned roadway (such as complete demolition and reconstruction).

NOTE: 20'-0" FROM CF TO CL OF ALVARADO

SCALE: 1/8"=1'-0"

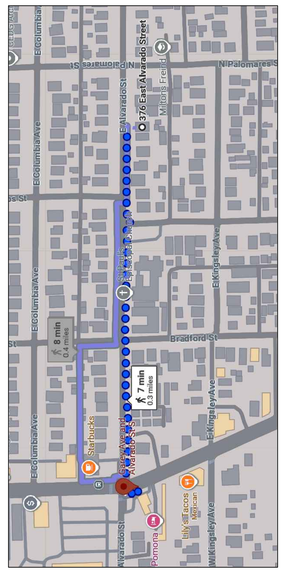
PROPOSED PLOT PLAN

-PV (Solar): Will be installed under separate permit and must be installed prior to building final inspection approval.

NOTE: SEE P2 FOR SEWER AND WATER CONNECTIONS TO PROPOSED ADU

- Parking is not required for an Accessory Dwelling in the following instances:
- It is located within one-half mile of public transit (any public transit stop along a fixed route with a fixed schedule)
- This property is located half mile from bus stop:

Garey Ave and Alvarado St S
Stop ID: 1423



Drafted and Prepared by:

US TEKNO, LLC.

DRAFTING & DESIGN

(818) 233-3816 & (818) 331-0203

E-Mail: LA@USTEKNO.COM

13731 Foothill Blvd. Sylmar, CA. 91342

www.USTEKNO.com

CODES ON THIS PROJECT ARE:

2022 CALIFORNIA RESIDENTIAL CODE (CRC)
2022 CALIFORNIA ELECTRICAL CODE (CEC)
2022 CALIFORNIA MECHANICAL CODE (CMC)
2022 CALIFORNIA PLUMBING CODE (CPC)
2022 CALIFORNIA ENERGY EFFICIENCY STANDARDS CODE (CEES)
2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN)
2022 LA COUNTY FIRE CODE

BASELINE

LOT AREA = 7,550 Sq. Ft.

- (E) NON-SPRINKLER S.F.D ..... 1,098 S.F
- (E) PORCH ..... 105 S.F
- (E) GARAGE ..... 255 S.F
- (N) A.D.U ..... 1,168 S.F
- (N) PORCH FOR A.D.U ..... 32 S.F.

IMPERVIOUS COVERAGE

EXISTING STRUCTURES = 1,458 S.F.
NEW STRUCTURES = 1,200 S.F.
EXISTING IMPERVIOUS PAVEMENT = 2,700 S.F.

1,458 + 1,200 + 2,700 = 5,358 S.F.
5,358 / 7,550 = 0.70
(NEW) IMPERVIOUS COVERAGE = 70% (O.K.)

BUILDING COVERAGE

EXISTING STRUCTURES = 1,458 S.F.
NEW STRUCTURES = 1,200 S.F.

1,458 + 1,200 = 2,658 S.F.
2,658 / 7,550 = 0.35
(NEW) BUILDING COVERAGE = 35% (O.K.)

LANDSCAPING CALCULATION.

LANDSCAPE TOTAL = 2,200 S.F.
2,200 / 7,550 = 0.30
(EXISTING) LANDSCAPE COVERAGE = 30%

FRONTAGE YARD = 60' x 28' = 1,680 S.F.
(EXISTING) FRONTAGE PLATING AREA = 935 S.F.
935 / 1,680 = 0.55
EXISTING FRONTAGE PLANTING AREA COVERAGE = 55%

SCOPE OF WORK

Newly constructed detached ADU single story 1,200 SF ADU consisting of 3 bedrooms, 2 bathrooms, and 1 dining/living/kitchen room.

LEGAL DESCRIPTION

Assessor's ID No:8336-001-016
Property Type:Single Family Residential
Region / Cluster:06 / 06152
Tax Rate Area (TRA):07790
SUB OF THE HIGH SCHOOL TRACT LOT 34
Building Improvement 1
Square Footage:1,098
Year Build / Effective Year Built:1905 / 1910
Bedrooms / Bathrooms2 / 1
Zone: HM1-N1-R1

HISTORIC DISTRICT:
LINCOLN PARK HISTORIC DISTRICT.
ARCHITECTURAL STYLE: COLONIAL REVIVAL.

VICINITY MAP

INDEX TO PLANS

PUBLIC WORKS GENERAL NOTES:

It is the owner's and the contractor's responsibility to repair all damage to the existing public improvements due to the proposed construction activities and to address all repairs requested by the Public Works Inspector based on the inspector's review of the current condition of the said public improvements.

Note and comply: Undergrounding of all existing proposed utility lines is required as per City of Pomona Municipal Code Section 62-31(b)(1).

Note and comply: The parkway landscaping shall be maintained by the property owner per City of Pomona Municipal Code Section 46-496

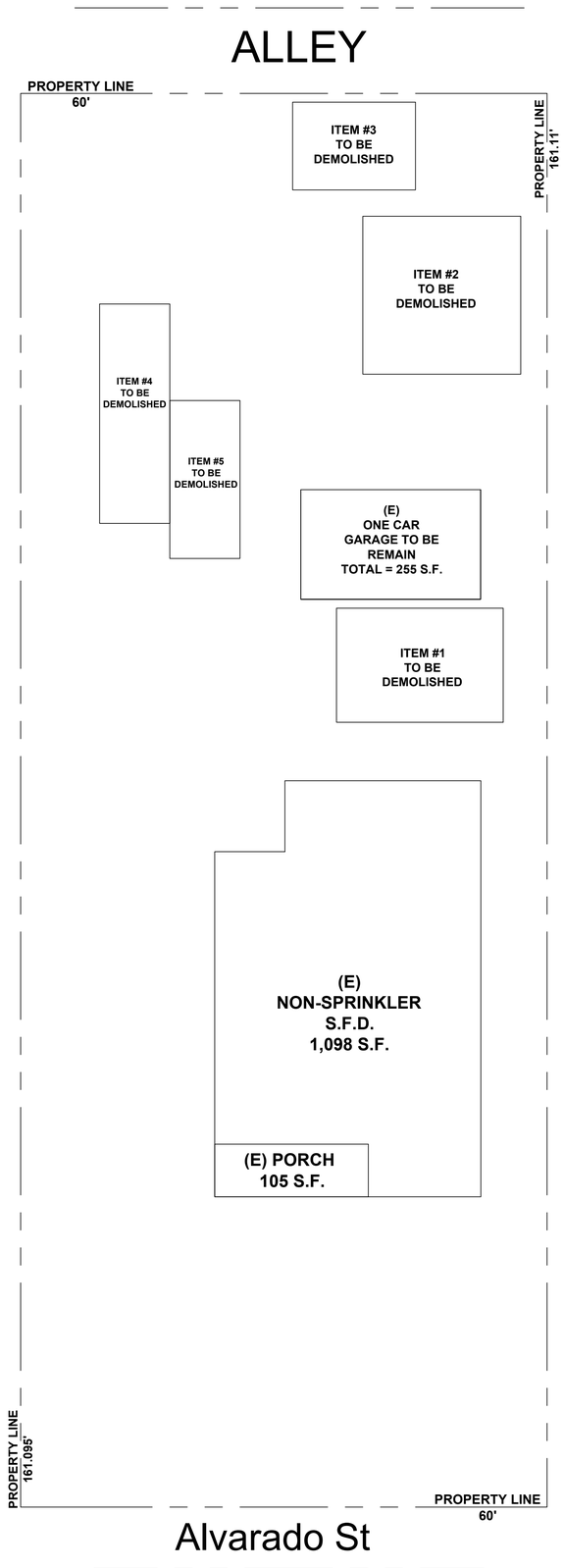
Note and comply: The property abutting sidewalk, parkway and alley, as applicable, shall be maintained free of weeds, rubbish and refuse by the property owner, as required by the City's Municipal Code Section 18-261.

PROJECT: 374 E Alvarado St, Pomona, CA 91767

SHEET NAME: PROPOSED PLOT PLAN

OWNER(S): RUBEN JIMENEZ (747)999-5657

SHEET #: A0



SCALE: 1/8"=1'-0"

EXISTING PLOT PLAN

US TEKNO, LLC.
CAD DRAFTING DESIGN & PROCESSING
RESIDENTIAL AND COMMERCIAL
EMAIL: LA@USTEKNO.COM
13731 FOOTHILL BLVD. SYLMAR, CA 91342

374 E Alvarado St,
Pomona, CA 91767

SHEET NAME:
EXISTING
PLOT PLAN

OWNER:
RUBEN JIMENEZ
(747)999-5657

SHEET #:
A1

ITEM #1

ITEM #2

US TEKNO, LLC.
CAD DRAFTING DESIGN & PROCESSING
RESIDENTIAL AND COMMERCIAL
EMAIL: LA@USTEKNO.COM
13731 FOOTHILL BLVD. SYLMAR, CA 91342

374 E Alvarado St,
Pomona, CA 91767

SHEET NAME:
EXHIBIT

OWNER:
RUBEN JIMENEZ
(747)999-5657

SHEET #:
EX-1

ITEM #3

ITEM #4 & #5

US TEKNO, LLC.
CAD DRAFTING DESIGN & PROCESSING
RESIDENTIAL AND COMMERCIAL
EMAIL: LA@USTEKNO.COM
13731 FOOTHILL BLVD. SYLMAR, CA 91342

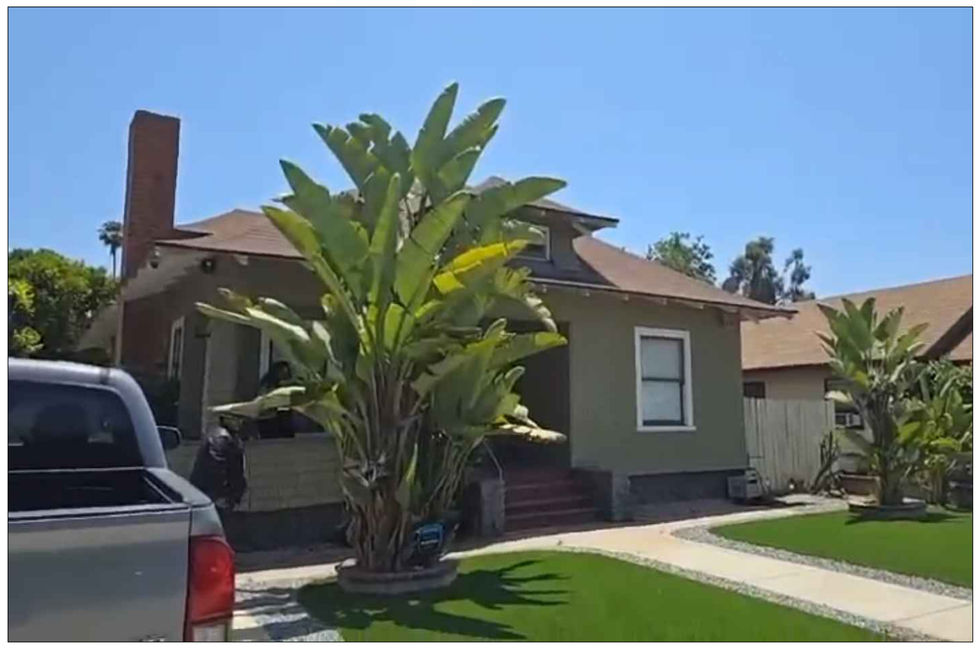
374 E Alvarado St,
Pomona, CA 91767

SHEET NAME:
EXHIBIT

OWNER:
RUBEN JIMENEZ
(747)999-5657

SHEET #:
EX-2

EXISTING PRIMARY DWELLING.



US TEKNO, LLC.
CAD DRAFTING DESIGN & PROCESSING
RESIDENTIAL AND COMMERCIAL
EMAIL: LA@USTEKNO.COM
13731 FOOTHILL BLVD. SYLMAR, CA 91342

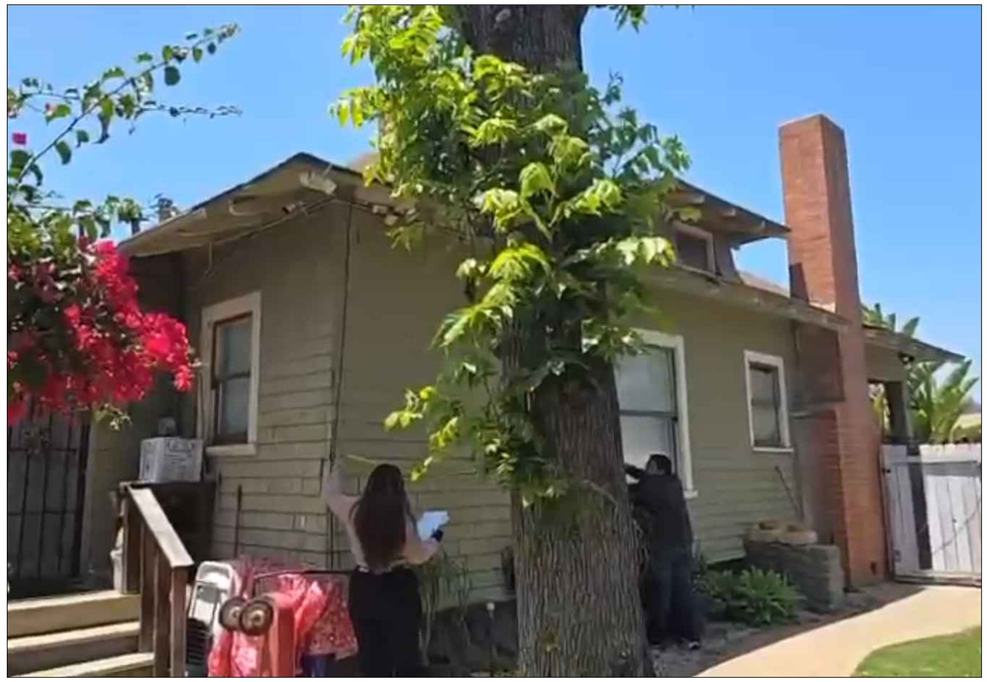
374 E Alvarado St,
Pomona, CA 91767

SHEET NAME:
EXISTING PRIMARY DWELLING

OWNER:
RUBEN JIMENEZ
(747)999-5657

SHEET #:
EX-3

EXISTING PRIMARY DWELLING.



US TEKNO, LLC.
CAD DRAFTING DESIGN & PROCESSING
RESIDENTIAL AND COMMERCIAL
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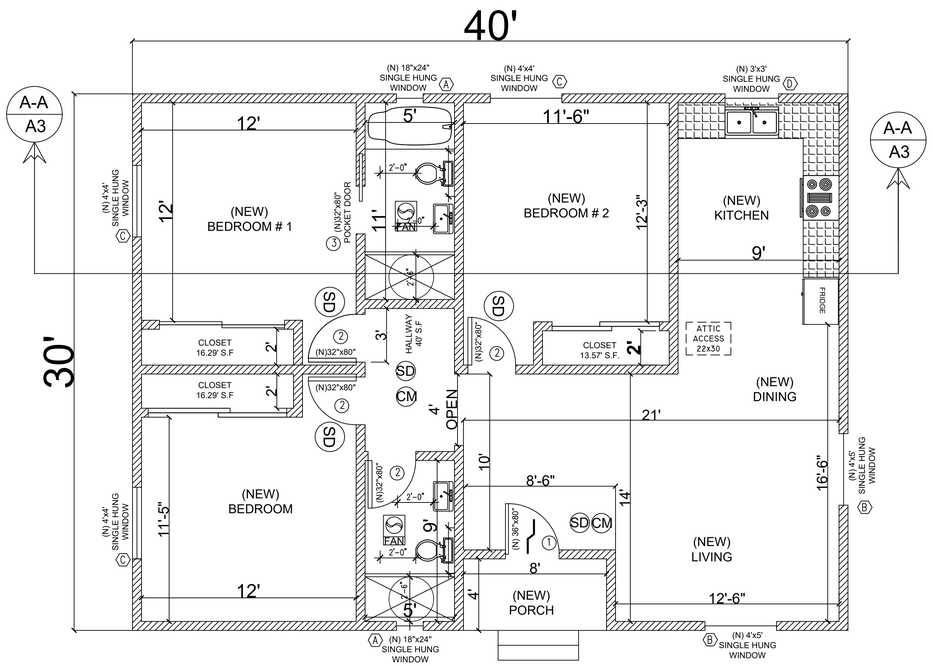
13731 FOOTHILL BLVD. SYLMAR, CA 91342

374 E Alvarado St,
Pomona, CA 91767

SHEET NAME:
EXISTING PRIMARY DWELLING

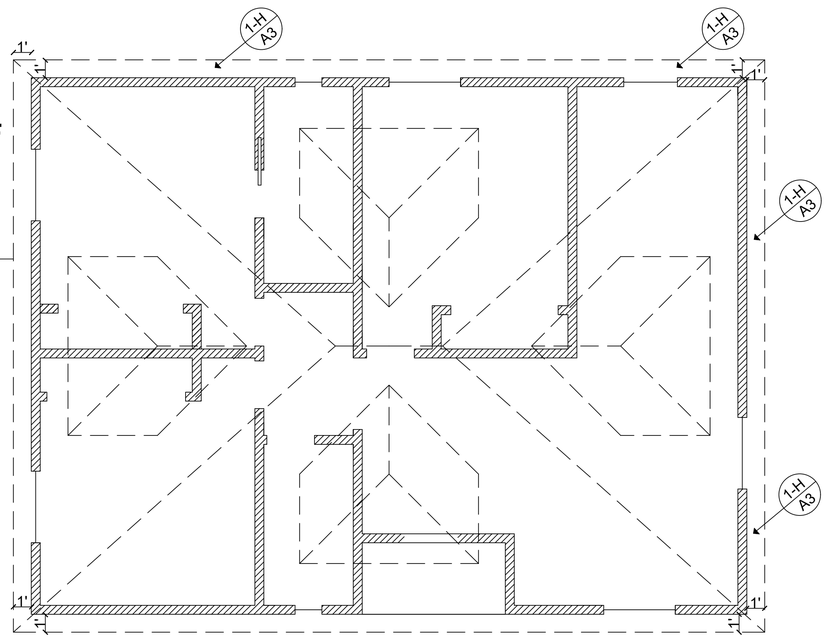
OWNER:
RUBEN JIMENEZ
(747)999-5657

SHEET #:
EX-4



PROPOSED FLOOR PLAN
SCALE:1/4"=1'-0"

PROPOSED ROOF AREA 1,344 S.F.



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

CARBON MONOXIDE DETECTORS (CM)

A. INSTALL OUTSIDE OF EACH SEPARATE DWELLING UNIT SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOMS.
B. BATTERY OPERATED CARBON MONOXIDE DETECTOR PERMITTED IN EXISTING CONSTRUCTION.
C. CARBON MONOXIDE DETECTOR SHALL BE INTERCONNECTED SUCH THAT THE ACTIVATION OF ONE ALARM WILL ACTIVATE ALL ALARMS.
D. CARBON MONOXIDE DETECTORS SHALL BE "HARD WIRED" AND SHALL BE EQUIPPED WITH BATTERY BACK UP.
E. THE ALARM IS PERMITTED TO BE SOLELY BATTERY OPERATED, RESULT IN THE REMOVAL OF WALL AND CEILING FINISHES, OR THERE IS NO ACCESS THROUGH AN ATTIC.

SMOKE DETECTORS (SD)

A. IN NEW CONSTRUCTION SMOKE DETECTORS SHALL RECEIVE THEIR PRIMARY POWER SOURCE FROM THE BUILDING WIRING AND SHALL BE EQUIPPED WITH BATTERY BACK UP AND LOW BATTERY SIGNAL.SMOKE DETECTORS SHALL BE LOCATED IN EACH SLEEPING ROOM & HALLWAY OR AREA GIVING ACCESS TO A SLEEPING ROOM, AND ON EACH STORY AND BASEMENT FOR DWELLINGS WITH MORE THAN ONE STORY.
B. IN EXISTING CONSTRUCTION SMOKE DETECTOR MAY BE BATTERY OPERATED, INSTALLED IN LOCATION AS SPECIFIED IN ABOVE.
* SMOKE DETECTORS SHALL BE INTERCONNECTED WHEN MORE THAN 1 DETECTOR IS REQUIRED.

DRAWING LEGEND

-NEW WALLS
(SD) -SMOKE DETECTORS
(CM) -CARBON MONOXIDE DETECTORS
(FAN) -ENERGY STAR EXHAUST FAN MIN. 50 CFM
-BATHROOM EXHAUST FANS SHALL BE ENERGY STAR COMPLIANT AND CONTROLLED BY HUMIDISTAT. 4.506.1

- FANS SHALL BE ENERGY STAR COMPLIANT AND BE DUCTED TO TERMINATE TO THE OUTSIDE OF THE BUILDING.

- FANS, NOT FUNCTIONING AS A COMPONENT OF A WHOLE HOUSE VENTILATION SYSTEM, MUST BE CONTROLLED BY A HUMIDITY CONTROL

WINDOW SCHEDULE

*NOTE: ALL NEW GLAZING WILL BE INSTALLED WITH LABELS TO REMAIN IN PLACE FOR INSPECTION

SYM.	SIZE	THK.	GLAZING	U-FACTOR	SHGC	REMARKS
(A)	18" X 24"	1 3/8"	DBL. LOW "E" SH GC c/o.4	0.30	0.23	SPECIFICATION ON SHEET W-1
(B)	48" X 60"	1 3/8"	DBL. LOW "E" SH GC c/o.4	0.30	0.23	SPECIFICATION ON SHEET W-2
(C)	48" X 48"	1 3/8"	DBL. LOW "E" SH GC c/o.4	0.30	0.23	SPECIFICATION ON SHEET W-3
(D)	36" X 36"	1 3/8"	DBL. LOW "E" SH GC c/o.4	0.30	0.23	SPECIFICATION ON SHEET W-4

*NOTE: THE LOAD RESISTANCE OF GLASS UNDER UNIFORM LOAD SHALL BE DETERMINED IN ACCORDANCE WITH ASTM E1300.

DOOR SCHEDULE

*NOTE: SELF CLOSING, TIGHT-FITTING, SOLID WOOD 1-3/8" THK. DOOR OR A 20-MINUTE RATED DOOR AT OPENING TO DWELLING (302.4)

SYM.	SIZE	THK.	REMARKS
(1)	36" X 80"	1 3/4"	SPECIFICATION ON SHEET D-1
(2)	32" X 80"	1 3/4"	SPECIFICATION ON SHEET D-2
(3)	32" X 80"	1 3/4"	SPECIFICATION ON SHEET D-3

AGING-IN-PLACE NOTES (CRC 327)

GRAB BAR REINFORCEMENT
1. Grab bar reinforcement for the bathroom identified on the floor plans for "Aging-in-Place and Fall Prevention" compliance shall be installed at the water closet, shower, bathtub and bathtub/shower as stated below.
2. Water closet reinforcement:
 2.1. Reinforcement shall be installed on both side walls of the fixture, or one side wall and the back wall.
 2.2. For water closet not placed adjacent to a side wall capable of accommodating a grab bar, reinforcement shall be installed for floor-mounted, foldaway or similar alternate grab bars adjacent to the water closet approved by the enforcing agency.
 2.3. Reinforcement of floors shall not be required for water closets installed on concrete slab floors.
3. Shower reinforcement:
 3.1. Reinforcement shall be continuous where wall framing is provided.
 3.2. For shower enclosures that do not permit installation of reinforcement and/or grab bars, reinforcement shall be installed for floor-mounted grab bars or an alternate method is approved by the enforcing agency.
 3.3. Where factory-installed grab bars or factory-installed reinforcement is provided in pre-fabricated shower enclosures and bathtub wall panels, reinforcement shall not be required in wall framing.
4. Bathtub and combination bathtub/shower reinforcement:
 4.1. Reinforcement shall be continuous on each end of the bathtub and the back wall.
 4.2. Additionally, back wall reinforcement for a lower grab bar shall be provided with the bottom edge of the reinforcement located no more than 6 inches above the bathtub rim.
 4.3. For bathtubs with no surrounding walls, or where wall panels do not permit the installation of reinforcement, reinforcement shall be installed for floor-mounted grab bars adjacent to the bathtub or an alternate method is approved by the enforcing agency.
 4.4. Reinforcement of floors shall not be required for bathtubs installed on concrete slab floors.

REINFORCEMENT MATERIAL AND DIMENSIONS
1. Reinforcement shall be solid lumber or other construction materials approved by the enforcing agency.
2. Reinforcement shall not be less than 2 by 8 inch nominal lumber or other construction material providing equal height and load capacity.
3. Reinforcement shall be located between 32 and 39-¼ inches above the finished floor flush with the wall framing.

DOCUMENTATION
1. Information and/or drawings identifying the locations of the grab bar reinforcement shall be placed in the operation and maintenance manual in accordance with the California Green Building Standards Code, Chapter 4, Division 4.4.

ELECTRICAL
1. Electrical receptacle outlets, switches and controls (including controls for heating, ventilation and air conditioning) intended to be used by occupants shall be located no more than 48 inches measured from the top of the outlet box and not less than 15 inches measured from the bottom of the outlet box above the finish floor.
2. Exceptions to the installation heights:
 2.1. Dedicated receptacle outlets; floor receptacle outlets; controls mounted on ceiling fans and ceiling lights; and controls located on appliances.
 2.2. Wall receptacle outlets where the distance between the finished floor and a built-in feature above the finish floor, such as a window, is less than 15 inches.

DOORBELL
1. Doorbell buttons or controls, when installed, shall not exceed 48 inches above exterior floor or landing, measured from the top of the doorbell button assembly.
2. Where doorbell buttons integrated with other features are required to be installed above 48 inches measured from the exterior floor or landing, a standard doorbell button or control shall also be provided at a height not exceeding 48 inches above exterior floor or landing, measured from the top of the doorbell button or control.

INTERIOR DOORS (effective July 1, 2024)
1. Doorways for the bathroom and bedroom identified on the floor plans for "Aging-in-Place and Fall Prevention" compliance shall provide a net clear opening of not less than 32 inches, measured with the door positioned at an angle of 90 degrees from the closed position.

- "Field-cutting ends, notches and drilled holes of preservative-treated wood shall be treated in the field in accordance with AWPA M4". [CRC R317.1.1]

- Specify that two layers of Grade D or one hour Grade D paper shall be applied over all wood base sheathing. [CRC R703.7.2.1]

PLUMBING COMMENTS:
a) Control valves for shower & tub/shower shall be of the pressure balance or thermostatic mixing valve type. [CPC 418.0]
b) All hose bibs must be protected by an anti-siphon device. [CPC 603.1]
c) Provide 2X6 studs and plate for all plumbing walls, show it on the floor and framing plans.

- Max flow rate set by the Calif. Green Code. [4.303]
 a. Water closets 1.28 gallons/flush
 b. Showerheads 1.8 gpm @ 80 psi
 c. Lavatory faucets 1.2 gpm @ 60 psi
 d. Laundry sink faucets 1.2 gpm @ 60 psi
 e. Kitchen faucets 1.8 gpm @ 60 psi

US TEKNO, LLC.
CAD DRAFTING DESIGN & PROCESSING
RESIDENTIAL AND COMMERCIAL
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13731 FOOTHILL BLVD. SYLMAR, CA 91342

374 E Alvarado St,
Pomona, CA 91767

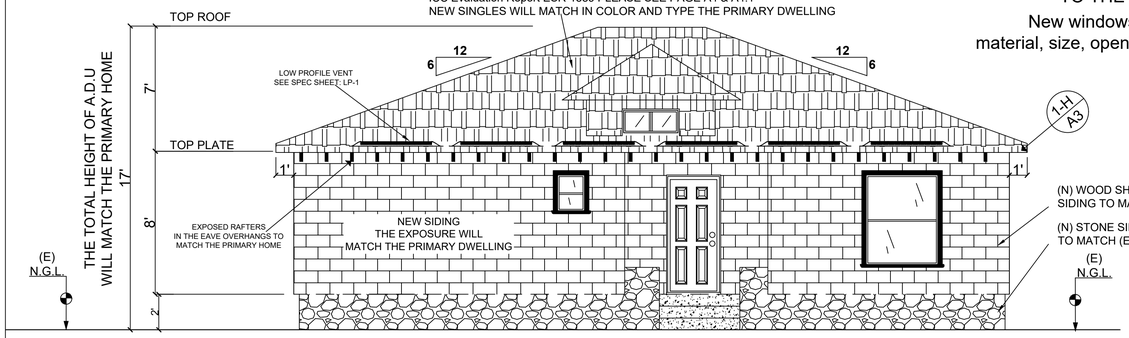
SHEET NAME: PROPOSED FLOOR PLAN & ROOF PLAN

OWNER: RUBEN JIMENEZ (747)999-5657

SHEET #: A2

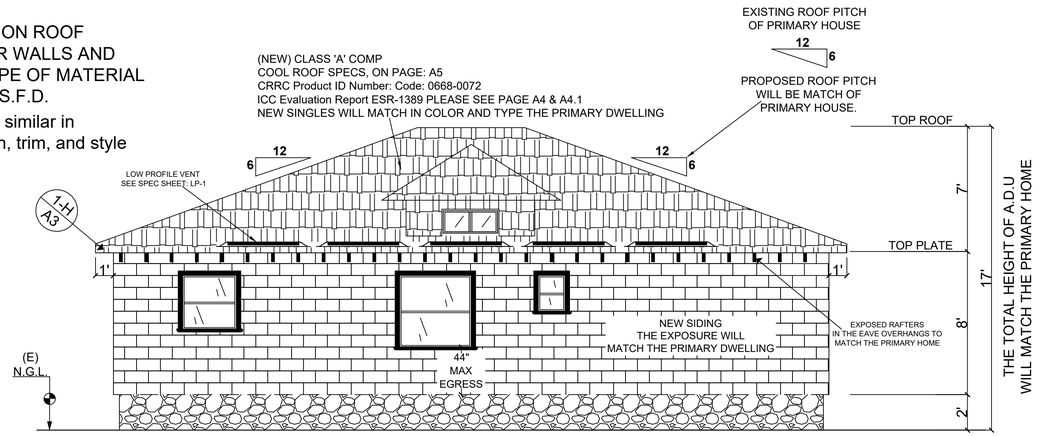
NEW ROOF SHINGLES ON ROOF
NEW SIDING ON EXTERIOR WALLS AND
TO MATCH IN COLOR AND TYPE OF MATERIAL
TO THE EXISTING S.F.D.

New windows should be similar in
material, size, opening direction, trim, and style



NORTH - ELEVATION

SCALE:1/4"=1'-0"

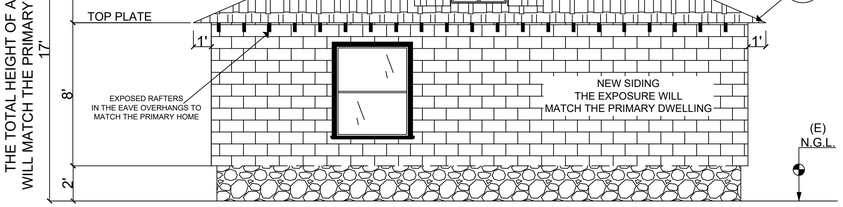


SOUTH - ELEVATION

SCALE:1/4"=1'-0"

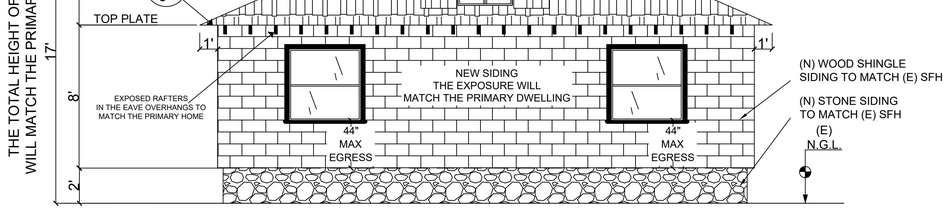
NEW ROOF SHINGLES ON ROOF
NEW SIDING ON EXTERIOR WALLS AND
TO MATCH IN COLOR AND TYPE OF MATERIAL
TO THE EXISTING S.F.D.

NEW WINDOWS SHOULD BE SIMILAR IN:
MATERIAL, SIZE, OPENING DIRECTION,
TRIM AND STYLE



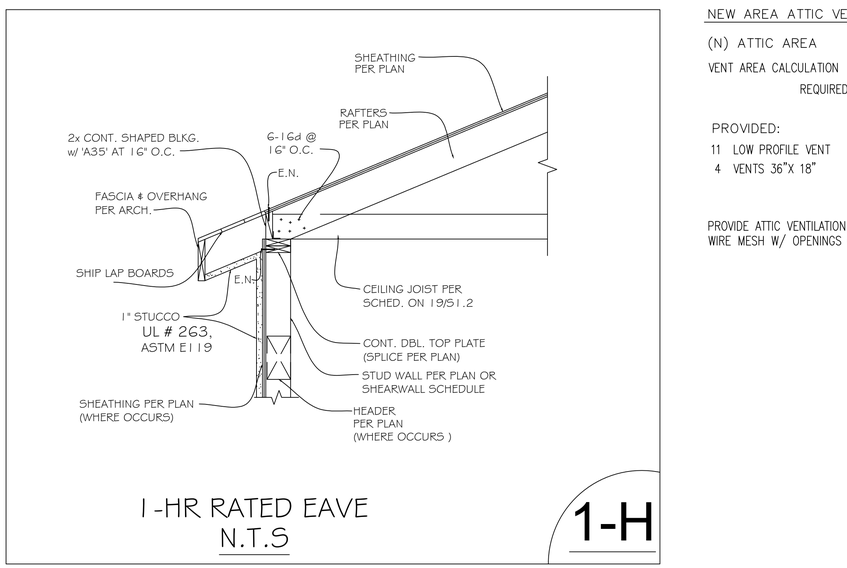
WEST - ELEVATION

SCALE:1/4"=1'-0"



EAST - ELEVATION

SCALE:1/4"=1'-0"



1-HR RATED EAVE
N.T.S

1-H

NEW AREA ATTIC VENTILATION:

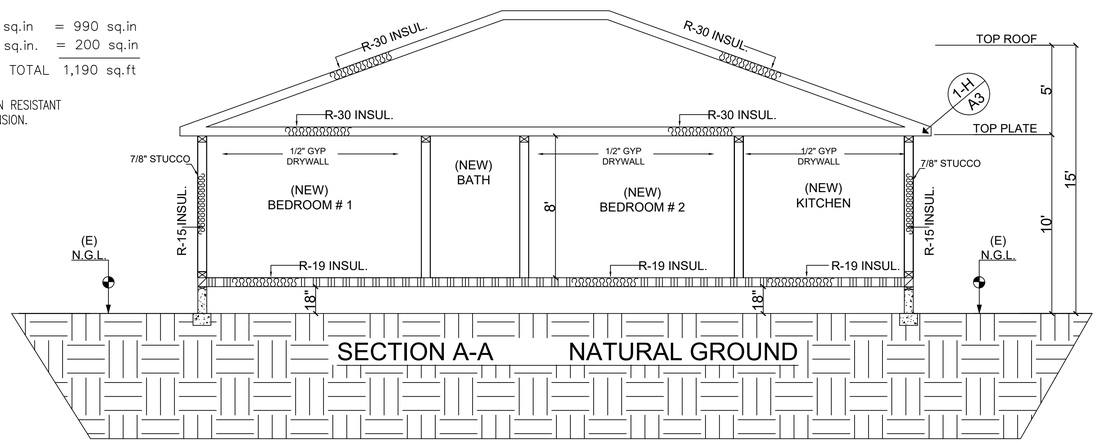
(N) ATTIC AREA 1200 sq.ft.

VENT AREA CALCULATION 1200 / 150 = 8.0 sq.ft. (1,152 sq.in.)
REQUIRED = 1,152 sq.in.

PROVIDED:

11 LOW PROFILE VENT	90 sq.in	= 990 sq.in
4 VENTS 36"X 18"	50 sq.in.	= 200 sq.in
	TOTAL	1,190 sq.ft

PROVIDE ATTIC VENTILATION W/ CORROSION RESISTANT
WIRE MESH W/ OPENINGS OF ¼" IN DIMENSION.



SECTION A-A NATURAL GROUND

US TEKNO, LLC.
CAD DRAFTING DESIGN & PROCESSING
RESIDENTIAL AND COMMERCIAL
EMAIL: LA@USTEKNO.COM
13731 FOOTHILL BLVD. SYLMAR, CA 91342

374 E Alvarado St,
Pomona, CA 91767

SHEET NAME:
ELEVATIONS
SECTIONS

OWNER:
RUBEN JIMENEZ
(747)999-5657

SHEET #:
A3

Active Ventilation Products Inc

roofvents.com • sales@roofvents.com • 845-565-7770 • 800-Roof-Vent (766-3836)

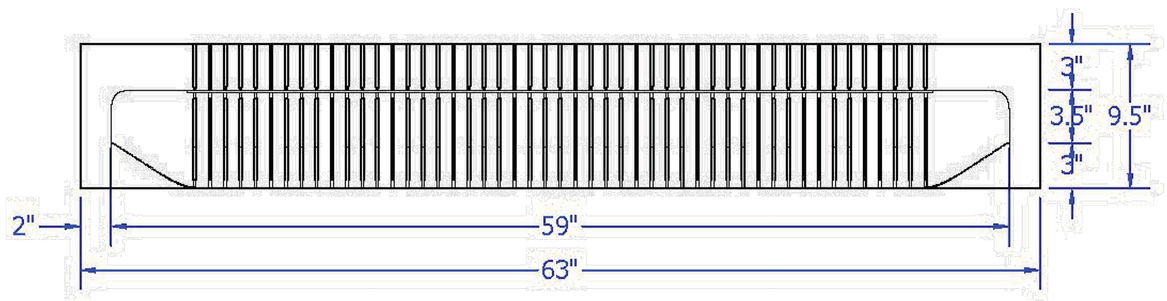
Universal Vent

Model: UV-90 | 90 Sq. in. NFA

- Can be used as either an exhaust vent or intake vent
- Used for ventilating **parapet walls** or **steep slope roofs**
- Louvers prevent rain, snow, insects & animals from entering
- Constructed of durable rust-free aluminum
- UL Certified, Florida State, Texas Insurance & California Fire Code approved
- Tested to withstand wind pressure of 200+ mph

Pitch Capacity	
Min.: **3/12**	Max.: **24/12**
Net Free Vent Area	
90 sq. inches	**0.63** sq. feet
Application per Sq. Foot	
188 (1/150)	**375** (1/300)

Dimensions & Specifications



US TEKNO, LLC.
CAD DRAFTING DESIGN & PROCESSING
RESIDENTIAL AND COMMERCIAL
EMAIL: LA@USTEKNO.COM
13731 FOOTHILL BLVD. SYLMAR, CA 91342

374 E Alvarado St,
Pomona, CA 91767

SHEET NAME:
SPEC SHEET
LOW PROFILE VENT

OWNER:
RUBEN JIMENEZ
(747)999-5657

SHEET #:
LP-1

ICC-ES Evaluation Report

ESR-1389

Reissued January 2025
Revised March 2025
Subject to renewal January 2026

This report also contains:

- **CA Supplement w/ Exterior Wildfire Exposure**

ICC-ES Evaluation Reports are not to be construed as representing aesthetics or any other attributes not specifically addressed, nor are they to be construed as an endorsement of the subject of the report or a recommendation for its use. There is no warranty by ICC Evaluation Service, LLC, express or implied, as to any finding or other matter in this report, or as to any product covered by the report.

DIVISION: 07 00 00—THERMAL AND MOISTURE PROTECTION Section: 07 31 13—Asphalt Shingles	REPORT HOLDER: CERTAINTEED LLC	EVALUATION SUBJECT: CERTAINTEED ASPHALT SHINGLES	

1.0 EVALUATION SCOPE

Compliance with the following codes:

- 2021[1], 2018, 2015, 2012 and 2009 *International Building Code®* (IBC)
- 2021[1], 2018, 2015, 2012 and 2009 *International Residential Code®* (IRC)
- 2013 *Abu Dhabi International Building Code* (ADIBC)[†]

[†]The ADIBC is based on the 2009 IBC. 2009 IBC code sections referenced in this report are the same sections in the ADIBC.

[1]Main references in this report are for the 2021 IBC and IRC, unless noted otherwise. See Table 2 for applicable sections of the code for previous IBC and IRC editions.

Properties evaluated:

- Weather resistance
- Fire classification
- Wind resistance

2.0 USES

The CertainTeed asphalt shingles described in this report comply with ASTM D3462 and are Class A roof coverings when installed as described in this report.

3.0 DESCRIPTION

3.1 General:

CertainTeed asphalt shingles are available as three-tab, four-tab, no cut-out, and laminated asphalt shingle roof covering materials. See Table 1 and Figure 1 for recognized product names, shingle types, manufacturing locations, overall dimensions, installed weights, maximum exposure to the weather, and fastening details. The shingles are self-sealing by means of adhesive strips located on either the weather side or the underside. See Figure 1 for adhesive strip location for field shingles and Starter Strip shingles.

3.2 Three-tab, Four-tab, and No Cut-out Shingles:

Three-tab, four-tab and no cut-out shingles are composed of a single layer of fiberglass mat, impregnated, and coated with asphalt on both sides, and surfaced with mineral roofing granules on the weather side and a mineral release agent on the back side.

3.3 Laminated Shingles:

Laminated shingles, including two-layer laminated, three-layer laminated and tri-laminate laminated shingles, are composed of multiple thicknesses of coated and surfaced fiberglass mat, cut, and bonded together in different patterns. The weather side is surfaced with mineral roofing granules, and the back side is surfaced with a mineral release agent.

3.4 Accessory Shingles:

3.4.1 Hip and Ridge Shingles: Hip and ridge shingles are factory-made shingles to be used for covering hips and ridges. The hip and ridge shingles are composed of the same materials as the roof shingles. Some of the hip and ridge shingles have perforations that extend from the top of the cut-out to the top of the shingle, which facilitate the tearing of the shingle into three or four equal pieces. Others are manufactured as single hip and ridge units.

3.4.2 Starter Strip Shingles: Starter Strip shingles are factory-made shingles to be used as the starter course (under the first course of roof shingles). The Starter Strip shingles are composed of the same materials as the roof shingles. The shingles are supplied in 7-inch-by-36-inch-long (178 by 914 mm); 10-inch-by-36-inch-long (254 by 914 mm); or 7-inch-by-39$^{3}/_{8}$-inch-long (178 by 1000 mm) strips. As an alternative to factory-made starter strips, starter strips can be formed by removing the lower tab portions of the factory-made shingles except for the Presidential Shake and Presidential Shake TL shingles. For Presidential Shake and Presidential Shake TL shingles, the Presidential Starter shingles consist of one 13$^{1}/_{4}$-inch-wide-by-40-inch-long (337 mm by 1016 mm) base shingle and one 11$^{1}/_{4}$-inch-wide-by-40-inch-long (286 mm by 1016 mm) base shingle.

3.5 Fasteners:

Fasteners must comply with ASTM F1667 and must be minimum No. 12 gage [0.105-inch-diameter (2.67 mm) shank], $^{3}/_{8}$-inch-diameter-head (9.5 mm), galvanized steel, stainless steel, aluminum, or copper roofing nails. Fasteners must be of sufficient length to penetrate into the sheathing $^{3}/_{4}$ inch (19.1 mm), or through the sheathing, whichever is less.

3.6 Underlayment:

Under the IBC, the roof underlayment must be in accordance with Section 1507.2.3. Under the 2021 IRC, the roof underlayment must be in accordance with Section R905.1.1 and Table R905.1.1(1). The roof underlayment must comply with ASTM D226 Type I or Type II, ASTM D4869 Type I or Type II, ASTM D6757 or ASTM D1970. As an alternative, a roof underlayment listed in a current ICC-ES evaluation report as a roof underlayment or a nonasphaltic fiberglass-based roof underlayment may be used, provided it is described as being intended for use with Class A asphalt shingles. In areas where there has been a history of ice forming along the eaves causing a backup of water, ice dam protection in accordance with 2021 IBC Section 1507.2.7 or 2021 IRC Section R905.2.7 must be provided.

3.7 Asphalt Cement:

Asphalt roofing cement must comply with ASTM D4586, Type I, Class I, or Type II, Class I.

4.0 DESIGN AND INSTALLATION

4.1 New Construction:

4.1.1 General: When installed on new construction in accordance with this section, the shingles are a Class A roof covering. The shingles must be installed in accordance with 2021 IBC Section 1507.2 or 2021 IRC Section R905.2, except as noted in this report. The roof deck must be code-complying, minimum $^{3}/_{8}$-inch-thick (9.5 mm) exterior-grade plywood; $^{7}/_{16}$-inch-thick (11.1 mm) oriented strand board (OSB); or nominally 1-inch-by-6-inch lumber installed as solid sheathing conforming to 2021 IBC Sections 2304.8.2 and 2308.7.10. Minimum roof slope must be 2:12 (16.7%). The maximum roof slope must be as stated in Section 4.1.2 of this report. Installation instructions are included as part of the identification label attached to each bundle of shingles. (See Section 7.0.) Underlayment must be as described in Section 3.6 of this report, and applied in accordance with 2021 IBC Table 1507.1.1(2) or 2021 IRC Section R905.1.1, Tables R905.1.1(2) and R905.1.1(3) and Section R905.2.3, as applicable.

4.1.2 Application:

4.1.2.1 Eave Edges of the Roof:

4.1.2.1.1 Roof Slopes of 2:12 to 21:12 (16.7% to 175%): Starter Strip shingles must be attached to the eave edges with four or five fasteners, equally spaced along the nail line as shown in Figure 1. The Starter Strip shingles must overhang the eave and rake edges by $^{1}/_{2}$ to $^{3}/_{4}$ inch (12.7 to 19.1 mm).

4.1.2.1.2 Roof Slopes Greater than 21:12 (175%): Starter Strip shingles must be attached to the eave edges with four or five fasteners, equally spaced along the nail line as shown in Figure 1. The Starter Strip shingles must overhang the eave and rake edges by $^{1}/_{2}$ to $^{3}/_{4}$ inch (12.7 to 19.1 mm).

4.1.2.2 Field of the Roof: The first course of field shingles must be installed over the starter course. Each course of shingles must be offset from the preceding course as specified in Table 1. Fastening details, including number and location of fasteners, and maximum exposure to the weather, are described in Table 1 and Figure 1.

Methods of fastening for roof slopes of 2:12 (16.7%) to 21:12 (175%) and for roof slopes greater than 21:12 (175%) are as shown in Figure 1 for the standard and high-wind applications. For slopes greater than 21:12 (175%), the shingles must also be hand-sealed as described in Section 4.1.2.4.

4.1.2.3 High Wind Fastening: Shingles must be fastened with four or five No. 12 gage roofing nails, described in Section 3.6, as shown in Figure 1, when the shingles are installed under the following conditions:

4.1.2.3.1 2021 and 2018 IBC: When the roof is installed in applications where the maximum design wind speed, V, is 140 mph (224 km/hr) or greater.

4.1.2.3.2 2015 and 2012 IBC: When the roof is installed in applications where the ultimate design wind speed, V_{ult}, is 140 mph (224 km/hr) or greater.

4.1.2.3.3 2009 IBC: When the roof is installed in applications where the basic wind speed is 110 mph (177 km/h) or greater.

4.1.2.3.4 2021, 2018 and 2015 IRC: When the roof is installed in applications where the ultimate design wind speed, V_{ult}, is 140 mph (224 km/hr) or greater.

4.1.2.3.5 2012 and 2009: When the roof is installed in areas where the basic wind speed is 110 mph (177 km/h) or greater.

4.1.2.4 Shingle Sealing: In colder climates or wind regions where it is questionable whether the factory-applied adhesive will activate and seal the shingles, the shingles must be hand-sealed to the satisfaction of the code official. Hand-sealing must consist of applying a minimum of four 1-inch-diameter (25.4 mm) spots of asphalt roofing cement to the unexposed surface of the underlying course of shingles, equally spaced across each shingle. For three-tab and four-tab shingles, one spot of asphalt roofing cement must be placed under each corner of each tab (two spots per tab); the tab must then be pressed into the cement. For laminated shingles, four equally spaced spots of asphalt roofing cement must be placed under the exposed portion of the shingle; the shingle must then be pressed into the cement.

4.1.2.5 Hip and Ridge Shingles: Hip and ridge shingles must be placed evenly over hips and ridges (or over shingle-over ridge vents), and fastened to the roof deck with two fasteners, located on either side of the shingle, along the nail line.

4.1.3 Valley Construction and other Flashing: For open valleys, corrosion-resistant metal valley flashing must be centered and placed vertically in the valley over the smooth-surfaced roll roofing, or specialty underlayment.

Corrosion-resistant metal valley flashing must be as follows:

- IBC: A minimum of 24 inches (610 mm) wide, complying with 2021 IBC Table 1507.2.8.2.
- IRC: A minimum of 24 inches (610 mm) wide, complying with 2021 IRC Table R905.2.8.2.

Other flashing must be in accordance with 2021 IBC Sections 1503.2 and 1507.2.8 or 2021 IRC Sections R903.2 and R905.2.8, as applicable.

4.2 Installation—Reroofing:

When installed over existing or Class A or Class C asphalt shingle roofs in accordance with this section (Section 4.2), the shingle products are recognized as Class A roof coverings. The existing wood or asphalt shingle roof covering must be inspected in accordance with provisions and limitations of 2021IBC Section 1512 or 2021 IRC Section R908, as applicable. Prior to the reroofing, hip and ridge covering must be removed. Except as noted in this section, the shingles must be installed in accordance with Section 4.1 of this report. Fasteners must be of sufficient length to penetrate $^{3}/_{4}$ inch (19.1 mm) into the sheathing, or through the sheathing, whichever is less. Valley flashing and other flashings must comply with Section 4.1.3 of this report and the following, as applicable:

- IBC: 2021 IBC Sections 1512.4 and 1512.5.
- IRC: 2021 IRC Sections R908.5 and R908.6.

The following asphalt shingles may be installed over existing wood shingle roofs provided all of the conditions specified above are met:

Grand Manor, Carriage House, Presidential Shake TL, Presidential Shake, Presidential Shake IR, Presidential Solaris, Presidential TL Solaris, Landmark TL, Landmark Premium, Landmark Solaris, Landmark Pro, Landmark Pro Solaris, Landmark Pro Architect 80, Landmark, Landmark TL Solaris, Landmark ClimateFlex, XT-30, XT-25, Highland Slate, Highland Slate IR, NorthGate ClimateFlex, Shadow Ridge ClimateFlex, Shadow Ridge ClimateFlex 4pc, Patriot, Shangle Ridge, Cedar Crest IR, Mountain Ridge, Belmont, Belmont IR and Shadow Ridge.

4.3 Wind Resistance:

CertainTeed asphalt field shingles have been tested in accordance with ASTM D7158 and are classified as Class H. CertainTeed asphalt hip and ridge shingles have been tested in accordance with ASTM D3161 and are classified as Class F. They qualify for use in locations as shown in 2021 IBC Table 1504.2 and 2021 IRC Table R905.2.4.1. Installation must be in accordance with 2021 IBC Section 1507.2.6 or 2021 IRC Section R905.2.6, as applicable.

5.0 CONDITIONS OF USE:

The CertainTeed Asphalt Shingle Roof Covering Systems described in this report comply with, or are suitable alternatives to what is specified in, those codes listed in Section 1.0 of this report, subject to the following conditions:

5.1 The shingles must be manufactured, identified, and installed in accordance with the applicable codes, this report, and the manufacturer's published installation instructions. If there is a conflict between the manufacturer's published installation instructions and this report, this report governs.

5.2 The products are manufactured in Avery, Ohio (AV); Ennis, Texas (EN); Fremont, California (FR); Norwood, Massachusetts (NW); Oxford, North Carolina (OX); Peachtree City, Georgia (PT); Portland, Oregon (PO); Shakopee, Minnesota (SH); Shreveport, Louisiana (SP); Jonesburg, Missouri (JB) and Wilmington, California (WI).

6.0 EVIDENCE SUBMITTED

6.1 Data in accordance with ASTM D3462.

6.2 Reports of wind resistance testing in accordance with ASTM D3161 and ASTM D7158.

6.3 Quality documentation.

7.0 IDENTIFICATION

7.1 The ICC-ES mark of conformity, electronic labeling, or the evaluation report number (ICC-ES ESR-1389) along with the name, registered trademark, or registered logo of the report holder (CertainTeed LLC) must be include in the product label.

7.2 In addition, each bundle of shingles bears a label with the name and address of the report holder (see Section 7.3); the manufacturing plant location (city and state – see Table 1); the product brand name and the Class A roof classification; the installation instructions. Additionally, in accordance with ASTM D3462, each bundle of shingles is marked with the area of the roof surface covered and the style, type and color of the product.

7.3 The report holder's contact information is the following:

CERTAINTEED LLC
20 MOORES ROAD
MALVERN, PENNSYLVANIA 19355
(610) 893-6096
www.certainteed.com

TABLE 1—PRODUCT DESCRIPTIONS AND MANUFACTURING LOCATIONS

PRODUCTS	SHINGLE TYPE	PLANT LOCATION	PLANT DESIGNATION	DIMENSIONS (width x height) (inches)	MAXIMUM EXPOSURE TO THE WEATHER (inches)	LOCATION OF NAIL "LINE" (distance above shingle butt) (inches)
SHINGLES (See Note 1)						(See Note 2)
Grand Manor	3-Layer Laminated	Oxford, NC	OX	36 x 18	8	$8^{5}/_{8}$
Carriage House	2-Layer Laminated	Oxford, NC	OX	36 x 18	8	$8^{5}/_{8}$
Presidential Shake TL	Tri-Laminate	Fremont, CA; Shakopee, MN	FR SH	40 x 14$^{1}/_{4}$	4	9
Presidential TL Solaris	Tri-Laminate	Fremont, CA	FR	40 x 14$^{1}/_{4}$	4	9
Presidential Shake	Laminated	Fremont, CA; Shakopee, MN	FR SH	40 x 14$^{1}/_{4}$	4	9
Presidential IR	Laminated Impact Resistant	Shakopee, MN	SH	40 x 14$^{1}/_{4}$	4	9
Presidential Solaris	Laminated	Fremont, CA	FR	40 x 14$^{1}/_{4}$	4	9
Landmark TL	Tri-Laminate	Fremont, CA;	FR	40 x 13$^{1}/_{4}$	$5^{1}/_{8}$	$6^{1}/_{16}$
Landmark Premium	Laminated (Metric)	Avery, OH; Norwood, MA; Oxford, NC; Peachtree City, GA; Portland, OR; Shakopee, MN; Shreveport, LA; Wilmington, CA	AV, NW, OX, PT, PO, SH, SP, WI	38$^{1}/_{4}$ x 13$^{1}/_{4}$	$5^{1}/_{8}$	$6^{1}/_{8}$
Landmark Solaris	Laminated (Metric)	Peachtree, GA; Portland, OR; Wilmington, CA	PT, PO, WI	38$^{1}/_{4}$ x 13$^{1}/_{4}$	$5^{1}/_{8}$	$6^{1}/_{8}$
Landmark Solaris IR	Laminated (Metric) Impact Resistant	Peachtree, GA	PT	38$^{1}/_{4}$ x 13$^{1}/_{4}$	$5^{1}/_{8}$	$6^{1}/_{8}$
Landmark Pro	Laminated (Metric)	Avery, OH; Ennis, TX Jonesburg, MO; Norwood, MA; Oxford, NC; Peachtree City, GA; Portland, OR; Shakopee, MN; Shreveport, LA; Wilmington, CA	AV, EN, JB, NW, OX, PT, PO, SH, SP, WI	38$^{1}/_{4}$ x 13$^{1}/_{4}$	$5^{1}/_{8}$	$6^{1}/_{8}$
Landmark Pro Solaris	Laminated (Metric)	Wilmington, CA	WI	38$^{1}/_{4}$ x 13$^{1}/_{4}$	$5^{1}/_{8}$	$6^{1}/_{8}$
Landmark	Laminated (Metric)	Avery, OH; Ennis, Texas; Jonesburg, MO; Norwood, MA; Oxford, NC; Peachtree City, GA; Portland, OR; Shakopee, MN; Shreveport, LA; Wilmington, CA;	AV, EN, JB, NW, OX, PT, PO, SH, SP, WI,	38$^{1}/_{4}$ x 13$^{1}/_{4}$	$5^{1}/_{8}$	$6^{1}/_{8}$
Landmark TL Solaris	Tri-Laminate	Fremont, CA	FR	40 x 13$^{1}/_{4}$	$5^{1}/_{8}$	$6^{1}/_{16}$
Landmark ClimateFlex	Laminated (Metric)	Portland, OR Shakopee, MN	PO SH	38$^{1}/_{4}$ x 13$^{1}/_{4}$	$5^{1}/_{8}$	$6^{1}/_{8}$
XT-30	3-Tab (Metric)	Portland, OR	PO	39$^{3}/_{8}$ x 13$^{1}/_{4}$	$5^{1}/_{8}$	$6^{1}/_{8}$
XT-30	3-Tab (Standard)	Avery, OH; Norwood, MA; Oxford, NC; Shakopee, MN;	AV, NW, OX, SH	36 x 12	5	$5^{5}/_{8}$
XT-25	3-Tab (Metric)	Avery, OH; Portland, OR;	AV PO	39$^{3}/_{8}$ x 13$^{1}/_{4}$	$5^{1}/_{8}$	$6^{1}/_{8}$
XT-25	3-Tab (Standard)	Avery, OH; Norwood, MA; Oxford, NC; Shakopee, MN; Shreveport, LA	AV, NW, OX, SH, SP	36 x 12	5	$5^{5}/_{8}$

TABLE 1—PRODUCT DESCRIPTIONS AND MANUFACTURING LOCATIONS (Continued)

PRODUCTS	SHINGLE TYPE	PLANT LOCATION	PLANT DESIGNATION	DIMENSIONS (width x height) (inches)	MAXIMUM EXPOSURE TO THE WEATHER (inches)	LOCATION OF NAIL "LINE" (distance above shingle butt) (inches)
Landmark Pro Architect 80	Laminated (Metric)	Portland, OR	PO	38$^{1}/_{4}$ x 13$^{1}/_{4}$	$5^{1}/_{8}$	$6^{1}/_{8}$
Highland Slate	4-Tab	Oxford, NC	OX	36 x 18	8	$9^{1}/_{8}$
Highland Slate IR	4-Tab Impact Resistant	Oxford, NC	OX	36 x 18	8	$9^{1}/_{8}$
Patriot	Laminated (Metric)	Ennis, TX; Jonesburg, MO	EN, JB	38$^{1}/_{4}$ x 13$^{1}/_{4}$	$5^{1}/_{8}$	$6^{1}/_{8}$
NorthGate ClimateFlex	Laminated (Metric)	Portland, OR; Shakopee, MN	PO, SH	39$^{3}/_{8}$ x 13$^{1}/_{4}$	$5^{1}/_{8}$	$6^{1}/_{8}$
Belmont	4-Tab Laminated	Oxford, NC	OX	36 x 18	8	$8^{1}/_{8}$
Belmont IR	4-Tab Laminated Impact Resistant	Oxford, NC	OX	36 x 18	8	$8^{1}/_{8}$
ACCESSORY PRODUCTS (See Note 1)						
Shangle Ridge	Hip and Ridge	Oxford, NC	OX	12 x 18	8	$8^{1}/_{8}$
Cedar Crest	Hip and Ridge	Oxford, NC	OX	12 x 18	8	$8^{1}/_{8}$
Cedar Crest IR	Hip and Ridge Impact Resistant	Oxford, NC	OX	12 x 18	8	$8^{1}/_{8}$
Mountain Ridge	Hip and Ridge	Fremont, CA	FR	8 x 12 & 10 x 12	8	$8^{1}/_{8}$
Shadow Ridge	Hip and Ridge (Standard)	Avery, OH; Norwood, MA; Oxford, NC; Shakopee, MN	AV, NW, OX, SH	12 x 12	5	$5^{1}/_{8}$
Shadow Ridge	Hip and Ridge (Metric)	Portland, OR	PO	9.84 x 13$^{1}/_{4}$	$5^{1}/_{8}$	$6^{1}/_{8}$
Solaris Accessory IR	Hip and Ridge	Portland, OR	PO	13$^{1}/_{4}$ x 13$^{1}/_{4}$	$5^{1}/_{8}$	$6^{1}/_{8}$
Shadow Ridge ClimateFlex 4pc	Hip and Ridge	Portland, OR	PO	9$^{1}/_{4}$ x 13$^{1}/_{4}$	$5^{1}/_{8}$	$6^{1}/_{8}$
Shadow Ridge ClimateFlex	Hip and Ridge	Shakopee, MN	SH	12 x 12	5	$5^{1}/_{8}$
Presidential Starter	Starter Shingle	Fremont, CA Portland, OR	FR, PO	40 x 13$^{1}/_{4}$, bottom layer; 40 x 11$^{1}/_{4}$, top layer	4 (top layer)	4 (bottom layer) 6 (top layer)
Presidential Starter IR	Starter Shingle	Fremont, CA	FR	40 x 13$^{1}/_{4}$, bottom layer; 40 x 11$^{1}/_{4}$, top layer	4 (top layer)	4 (bottom layer) 6 (top layer)
High Performance Starter	Starter Shingle	Oxford, NC	OX	36 x 10	n/a	max 3, or into solid wood
Swiftstart	Starter Shingle	Shakopee, MN	SH	38$^{1}/_{4}$ x 7 $^{1}/_{4}$	n/a	max 3, or into solid wood
Universal Starter	Starter Shingle	Avery, OH; Oxford, NC; Shakopee, MN; Shreveport, LA	AV, OX, SH, SP	36 x 7	n/a	max 3, or into solid wood

For **SI:** 1 inch = 25.4 mm; 1 lb/100 ft^2 = 0.0488 kg/m^2.

NOTES:
1. Includes algae-resistant (AR) versions.
2. Nail "Line" - Distance from lowermost lowest edge of shingle to target nail location.
3. Shingle butt location varies up to 1-inch. Dimensions shown for shingle height and nail "line" location are averages.

TABLE 2—CODE SECTION NUMBER REFERENCE MATRIX

ESR-1389	2021 IBC	2018 IBC	2015 IBC	2012 IBC	2009 IBC
3.6	1507.2.3	1507.2.3	1507.2.3	1507.2.3	1507.2.3
3.6	1507.2.7	1507.2.7	1507.2.8.2	1507.2.8.2	1507.2.8.2
4.1.1	1507.2	1507.2	1507.2	1507.2	1507.2
4.1.1	2304.8.2 and 2308.7.10	2304.8.2 and 2308.7.10	2304.8.2 and 2308.7.10	2304.7.2 or 2308.10.8	2304.7.2 or 2308.10.8
4.1.1	Table 1507.1.1(2)	Table 1507.1.1(2)	1507.2.8	1507.2.8	1507.2.8
4.1.3	Table 1507.2.8.2	Table 1507.2.8.2	Table 1507.2.9.2	Table 1507.2.9.2	Table 1507.2.9.2
4.1.3	1503.2 and 1507.2.8	1503.2 and 1507.2.8	1503.2 and 1507.2.9	1503.2 and 1507.2.9	1503.2 and 1507.2.9
4.2	1511	1511	1511	1510	1510
4.2	1511.5 and 1511.6	1511.5 and 1511.6	1511.5 and 1511.6	R907.5 and R907.6	R907.5 and R907.6
4.3	1504.2	Table 1504.1.1	Table 1504.1.1	Table 1507.2.7.1 (1)	Table 1507.2.7.1 (1)
4.3	1507.2.6	1507.2.6	1507.2.7	1507.2.7	1507.2.7
ESR-1389	**2021 IRC**	**2018 IRC**	**2015 IRC**	**2012 IRC**	**2009 IRC**
3.6	R905.1.1 and Table R905.1.1(1)	R905.1.1 and Table R905.1.1(1)	R905.1.1 and Table R905.1.1(1)	R905.2.3	R905.2.3
3.6	R905.2.7	R905.2.7	R905.2.7	R905.2.7.1	R905.2.7.1
4.1.1	R905.2	R905.2	R905.2	R905.2	R905.2
4.1.1	R905.1.1, Tables R905.1.1(2) and R905.1.1(3), and R905.2.3	R905.1.1, Tables R905.1.1(2) and R905.1.1(3), and R905.2.3	R905.1.1, Tables R905.1.1(2) and R905.1.1(3), and R905.2.3	R905.2.7	R905.2.7
4.1.3	Table R905.2.8.2	Table R905.2.8.2	Table R905.2.8.2	Table R905.2.8.2	Table R905.2.8.2
4.1.3	R903.2 and R905.2.8	R903.2 and R905.2.8	R903.2 and R905.2.8	R903.2 and R905.2.8	R903.2 and R905.2.8
4.2	R908	R908	R908	R907	R907
4.2	R908.5 and R908.6	R908.5 and R908.6	R908.5 and R908.6	R907.5 and R907.6	R907.5 and R907.6
4.3	Table R905.2.4.1	Table R905.2.4.1	Table R905.2.4.1	Table R905.2.4.1 (1)	Table R905.2.4.1 (1)
4.3	R905.2.6	R905.2.6	R905.2.6	R905.2.6	R905.2.6

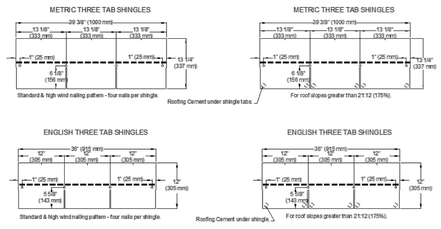


FIGURE 1—SHINGLE PROFILES AND FASTENER PATTERNS

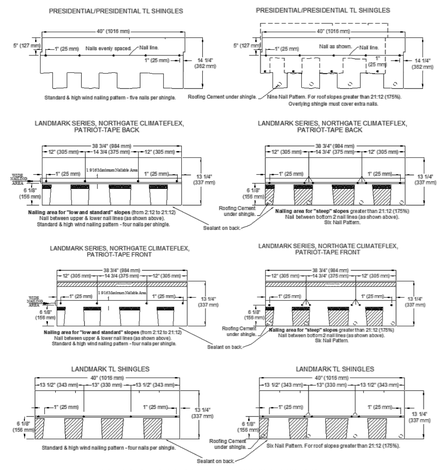


FIGURE 1—SHINGLE PROFILES AND FASTENER PATTERNS (Continued)

US TEKNO, LLC.
CAD DRAFTING DESIGN & PROCESSING
RESIDENTIAL AND COMMERCIAL
EMAIL: LA@USTEKNO.COM
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Pomona, CA 91767

SHEET NAME: ROOF SPEC

OWNER:
RUBEN JIMENEZ
(747)999-5657

SHEET #: A4

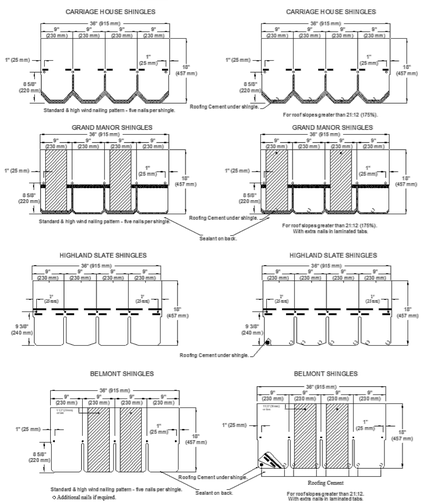

FIGURE 1—SHINGLE PROFILES AND FASTENER PATTERNS (Continued)

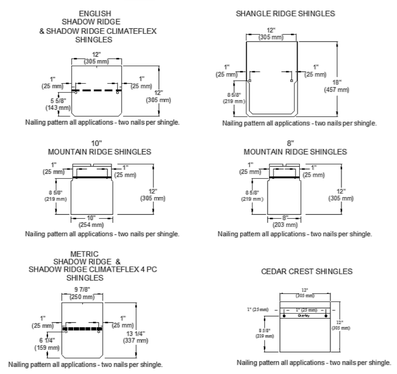

FIGURE 1—SHINGLE PROFILES AND FASTENER PATTERNS (Continued)

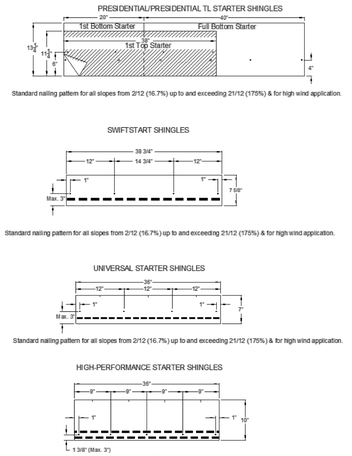

FIGURE 1—SHINGLE PROFILES AND FASTENER PATTERNS (Continued)

ICC-ES Evaluation Report **ESR-1389 CA Supplement**

w/ Exterior Wildfire Exposure

Reissued January 2025

Revised March 2025

This report is subject to renewal January 2026.

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DIVISION: 07 00 00—THERMAL AND MOISTURE PROTECTION
Section: 07 31 13—Asphalt Shingles

REPORT HOLDER:

CERTAINTEED LLC

EVALUATION SUBJECT:

CERTAINTEED ASPHALT SHINGLES

1.0 REPORT PURPOSE AND SCOPE

Purpose:

The purpose of this evaluation report supplement is to indicate that CertainTeed asphalt shingles, described in ICC-ES evaluation report ESR-1389, have also been evaluated for compliance with the codes noted below.

Applicable code editions:

■ 2022 *California Building Code* (CBC)

For evaluation of applicable chapters adopted by the California Office of Statewide Health Planning and Development (OSHPD) AKA: California Department of Health Care Access and Information (HCAI) and the Division of State Architect (DSA), see Sections 2.1.1 and 2.1.2 below.

■ 2022 *California Residential Code* (CRC)

2.0 CONCLUSIONS

2.1 CBC:

The CertainTeed asphalt shingles, described in Sections 2.0 through 7.0 of the evaluation report ESR-1389, comply with CBC Sections 1505.1 and 1507.2, and may be used where the CBC requires a Class A roof covering complying with CBC Section 1505.1.1 or at least a Class C roof covering complying with CBC Section 1505.1.2, provided the design and installation are in accordance with the 2021 *International Building Code®* (IBC) provisions noted in the evaluation report and the additional requirements of CBC Section 1511, as applicable.

The classified Class A roof covering may be used in the construction of new buildings located in any Fire Hazard Severity Zone within a State Responsibility Areas or any Wildland-Urban Interface Fire Area, provided installation is in accordance with the 2021 *International Building Code®* (IBC) provisions, as applicable, noted in the evaluation report and the additional requirements of Section 701A.3 and 705A of the CBC.

2.1.1 OSHPD:

The applicable OSHPD Sections and Chapters of the CBC are beyond the scope of this supplement.

2.1.2 DSA:

The applicable DSA Sections and Chapters of the CBC are beyond the scope of this supplement.

2.2 CRC:

The CertainTeed asphalt shingles, described in Sections 2.0 through 7.0 of the evaluation report ESR-1389, comply with CRC Sections R902.1 and R905.2, and may be used where the CRC requires a Class A roof covering complying with CRC Section R902.1.1 or at least a Class C roof covering complying with CRC Section R902.1.2, provided the design and installation are in accordance with the 2021 *International Residential Code®* (IBC) provisions noted in the evaluation report and the additional requirements of CRC Section R908, as applicable.

The classified Class A roof covering may be used in the construction of new buildings located in any Fire Hazard Severity Zone within a State Responsibility Areas or any Wildland-Urban Interface Fire Area, provided installation is in accordance with the 2021 *International Residential Code®* (IRC) provisions, as applicable, noted in the evaluation report and the additional requirements of Section R337.1.3 and R337.5 of the CRC.

The products included in this supplement have not been evaluated for compliance with the *International Wildland-Urban Interface Code®*.

This supplement expires concurrently with the evaluation report, reissued January 2025 and revised March 2025.

Solar Reflectivity (SR), Thermal Emittance (TE) & Solar Reflectance Index (SRI) Data

PRODUCT - COLOR	CRRC Product ID Number	Aged Solar Reflectance	Aged Thermal Emittance	Aged Solar Reflective Index (SRI)
Landmark - Silver Birch	0668-0072	0.27	0.89	28
Landmark Solaris® - Aged Cedar	0668-0055	0.24	0.90	24
Landmark Solaris® - Crystal Gray	0668-0058	0.26	0.90	27
Landmark Solaris® - Graphite	0668-0155	0.21*	0.91**	21*
Landmark Solaris® - Weathered Wood	0668-0119	0.21	0.91	21
Landmark® PRO - Solaris Silver Birch	0668-0072	0.27	0.89	28

** Aged value calculated using the California Title 24 Solar Reflective Index (SRI) Calculation Worksheet*

*** Indicates Initial Thermal Emittance*

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Pomona, CA 91767

SHEET NAME: ROOF SPEC

OWNER: RUBEN JIMENEZ (747)999-5657

SHEET #: A4.1

CertainTeed
SAINT-GOBAIN

COOL ROOFS

Shingle Selections

Landmark, shown in Solaris Aged Cedar

The Heat Reflects Away, And Your Home Stays Cool.

The CertainTeed Cool Roof Shingle Collection is a brilliant breakthrough that puts cool roof technology to work for you.

The secret is in CertainTeed's advanced roofing granules that reflect solar energy and radiant heat far better than traditional roofing shingles, reducing your roof's temperature in the summer. By lowering roof temperature, Solaris shingles can help reduce home cooling costs.

Cool roof performance, combined with CertainTeed's palette of rich, authentic colors makes Solaris an easy choice for eco-friendly living.

So cool, it's rated for rebates.

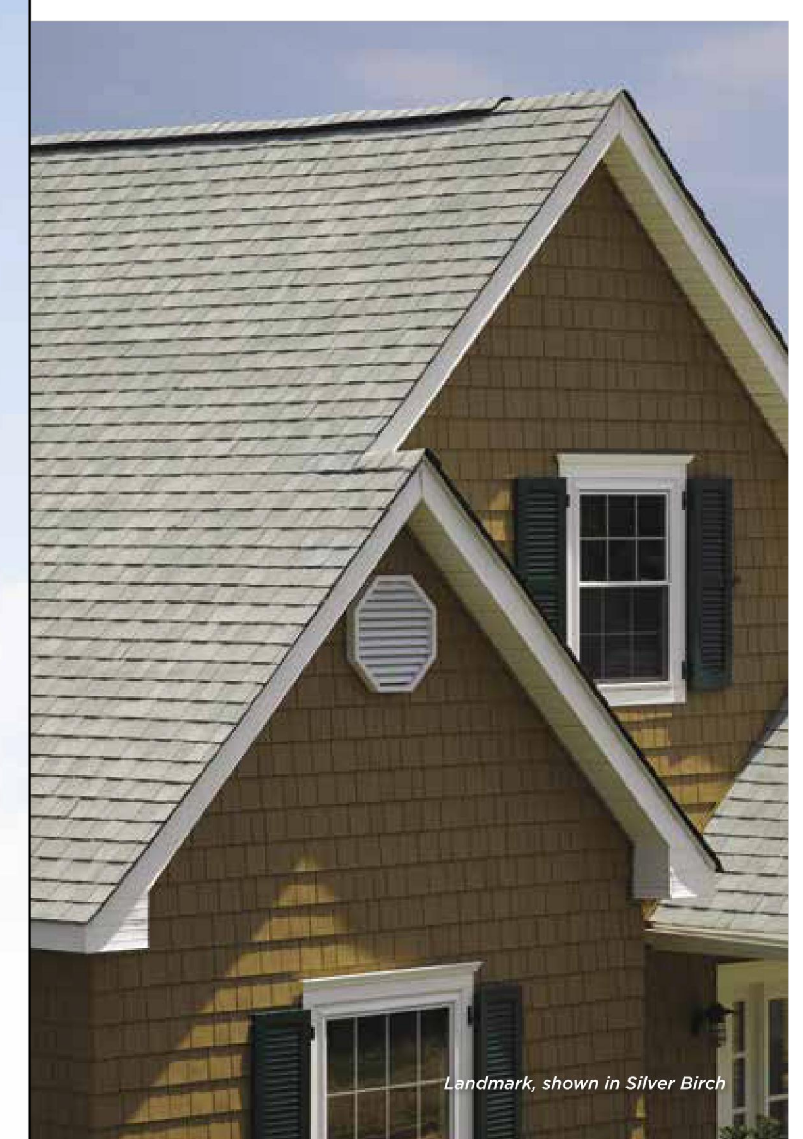
CertainTeed Cool Roof Shingles may qualify for credits/points in LEED®, NAHB® and other "green" programs.

And some utility companies offer a rebate for CertainTeed Cool Roof Shingles that can put as much as $600 back into a homeowner's pocket for an average 3,000 sq. ft. roof.

LANDMARK®

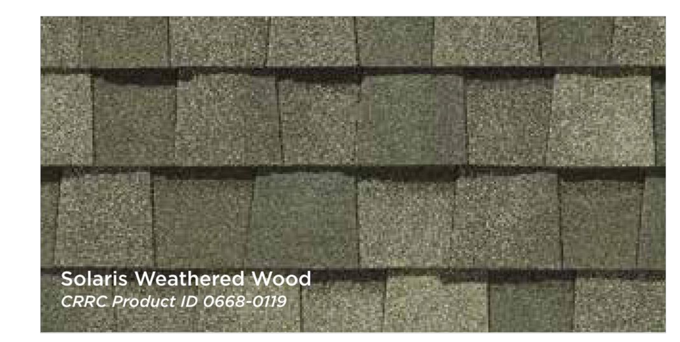
Classic shades and dimensional appearance of natural wood or slate.

Scan code for more information


Landmark, shown in Silver Birch

LANDMARK® Solaris® CoolRoof

A subtle color palette featuring soft earth tones.



Scan code for more information

LANDMARK® PRO

Landmark PRO Silver Birch is available in Hawaii only.

Landmark® PRO is designed specifically for the professional roofing contractor that takes pride in providing more to their customer. Landmark Pro offers the industry's strongest warranty. Protecting your reputation and safeguarding homeowners from manufacturing and aesthetic defects.

Scan code for more information

Mountain Ridge® Solaris Accessory

Available in complementary colors to Landmark shingles.

- Fiberglass reinforced SBS modified bitumen
- Five layer design with tri-laminate base
- 10" width
- 8" exposure
- UL 2218 Class 4 Impact Resistant


Landmark Solaris, shown in Graphite

Solaris® CoolRoof

Solar Reflectivity

Cool Roof Shingles

DESIGNER SHINGLES		Shingle Construction and Description	UL Class A Fire Resistance Rating	UL Certified to Meet ASTM D3462	UL Certified to Meet ASTM D3018 Type 1	ASTM D3161 Wind Resistance	Miami-Dade Product Control Acceptance	Conforms To CSA Standard A123.5	ICC-ES ESR-1389 & ESR-3537	Limited Transferable Warranty Against Manufacturing Defects On Residential Applications *50-Year on Group-owned or Commercial Applications	StreakFighter algae-resistance Warranty (where available)	SureStart Protection	Wind-Resistance Warranty Upgraded wind warranty available. See warranty for details and limitations.	Shingle Size	Bundles Per Square (Cartons Per Square for Presidio)
Landmark Solaris		Two-piece laminated fiber glass base construction; Classic shades and dimensional appearance of natural wood or slate	✔	✔	✔	Class F, 110 mph	✔	✔	✔	Lifetime*	15-year	10-year	15-year 110 mph **	13 1/4" x 38 3/4" 5 5/8" Exposure	3
Landmark		Two-piece laminated fiber glass base construction; Classic shades and dimensional appearance of natural wood or slate	✔	✔	✔	Class F, 110 mph		✔	✔	Lifetime	10-year	10-year	15-year 110 mph **	13 1/4" x 38 3/4" 5 5/8" Exposure	3
Landmark PRO		Two-piece laminated fiber glass base construction; Classic shades and dimensional appearance of natural wood or slate	✔	✔	✔	Class F, 110 mph		✔	✔	Lifetime*	15-year	10-year	15-year 110 mph **	13 1/4" x 38 3/4" 5 5/8" Exposure	3

*** Wind warranty upgrade to 130 mph available. CertainTeed starter and CertainTeed hip and ridge required. *** To achieve 130 mph wind warranty 3 more screws centered between the pre-punched holes are required.*

Solar Reflectivity (SR), Thermal Emittance (TE) & Solar Reflectance Index (SRI) Data

PRODUCT - COLOR	CRRC Product ID Number	Aged Solar Reflectance	Aged Thermal Emittance	Aged Solar Reflective Index (SRI)
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Landmark Solaris® - Graphite	0668-0155	0.21*	0.91**	21*
Landmark Solaris® - Weathered Wood	0668-0119	0.21	0.91	21
Landmark® PRO - Solaris Silver Birch	0668-0072	0.27	0.89	28

** Aged value calculated using the California Title 24 Solar Reflective Index (SRI) Calculation Worksheet*
*** Indicates Initial Thermal Emittance*

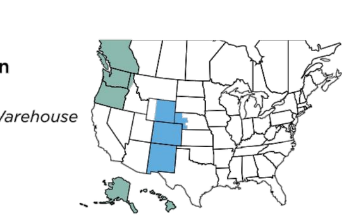
Integrity Roof System™

A COMPLETE APPROACH TO LONG LASTING BEAUTY AND PERFORMANCE

With as much care as you take in selecting the right contractor, choosing the right roof system is equally as important. A CertainTeed Integrity Roof System combines key elements that help ensure you have a well-built roof for long-lasting performance.

1. **Waterproofing Underlayment** The first step in your defense against the elements. Self-adhering underlayment is installed at vulnerable areas of your roof to help prevent leaks from wind-driven rain and ice dams.
2. **Water-Resistant Underlayment** Provides a protective layer over the roof deck and acts as a secondary barrier against leaks.
3. **Starter Shingles** Starter Shingles are the first course of shingles that are installed and designed to work in tandem with the roof shingles above for optimal shingle sealing and performance.
4. **Shingles** Choose from a variety of Good-Better-Best styles to complement any roof design and fit your budget.
5. **Hip & Ridge Caps** Available in numerous profiles, these accessories are used on the roof's hip and ridge lines for a distinctive finishing touch to your new roof.
6. **Ventilation** A roof that breathes is shown to perform better and last longer. Ridge Vents, in combination with Intake Vents, allow air to flow on the underside of your roof deck, keeping the attic cooler in the summer and drier in the winter.

Available in areas shown
Green: Northwest Region
Blue: Serviced by Denver Warehouse



learn more at:
certainteed.com/roofing

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374 E Alvarado St,
Pomona, CA 91767

SHEET NAME: ROOF SPECS

OWNER: RUBEN JIMENEZ

SHEET #: A5

DOOR SCHEDULE & SPECIFICATION.

DOOR SCHEDULE

*NOTE: SELF CLOSING, TIGHT-FITTING, SOLID WOOD 1-3/8" THK. DOOR OR A 20-MINUTE RATED DOOR AT OPENING TO DWELLING (302.4)

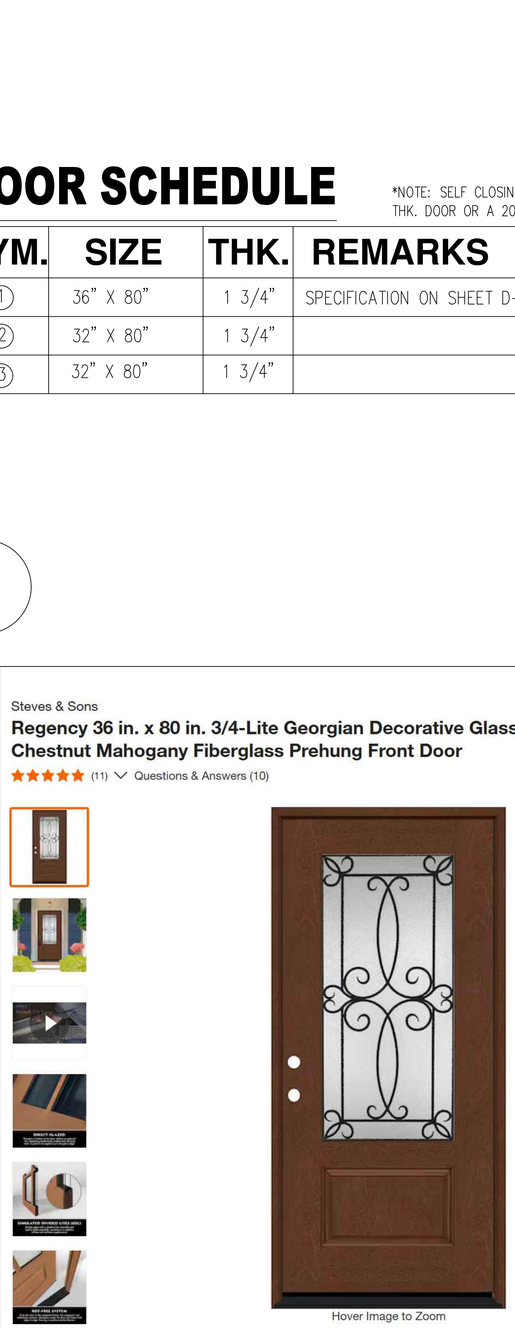
SYM.	SIZE	THK.	REMARKS
①	36" X 80"	1 3/4"	SPECIFICATION ON SHEET D-1
②	32" X 80"	1 3/4"	
③	32" X 80"	1 3/4"	

1

Steves & Sons

Regency 36 in. x 80 in. 3/4-Lite Georgian Decorative Glass RHIS Chestnut Mahogany Fiberglass Prehung Front Door

★★★★★ (11) Questions & Answers (10)



Hover Image to Zoom

Specifications

Dimensions

Door Height (in.)	80 in	**Door Thickness (in.)**	1.75 in
Door Width (in.)	36 in	**Jamb Size (in.)**	4-9/16"
Nominal Door Height (in.)	80 in	**Nominal Door Thickness (in.)**	2 in
Nominal Door Width (in.)	36 in	**Rough Opening Height (in.)**	82 in
Rough Opening Width (in.)	38 in		

Details

Bore Type	Double Bore	**Color Family**	Brown
Color/Finish	Chestnut	**Door Configuration**	Single Door
Door Glass Insulation	Low-E, Tempered, Triple Pane	**Door Handing**	Right-Hand/Inswing
Door Style	Traditional	**Door Type**	Exterior Prehung
Features	Brickmold, Decorative Iron Details, Lockset Bore (Double Bore), Tamper-Proof Hinges, Weatherstripping	**Finish Type**	Stained
Frame Material	Composite	**Glass Caming Finish**	Wrought Iron
Glass Layout	3/4 Lite	**Glass Shape**	Rectangle Lite
Glass Style	Decorative Glass	**Hinge Finish**	Bronze
Hinge Type	Ball Bearing	**Included**	No Additional Items Included
Material	Fiberglass	**Number of Hinges**	3
Number of Lites	1 Lite	**Panel Type**	1 Panel
Product Weight (lb.)	120 lb	**Returnable**	90-Day
Suggested Application	Back, Basement Entry, Front, Side		

Warranty / Certifications

Energy Star Qualified	North-Central, Northern, South-Central, Southern	**Manufacturer Warranty**	Lifetime Limited

MANUFACTURER: Steves & Sons.
Regency 36 in. x 80 in. 3/4-Lite Georgian Decorative Glass RHIS Chestnut Mahogany Fiberglass Prehung Front Door.
MODEL: #SIP0000020163

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Pomona, CA 91767

SHEET NAME: DOOR SPEC

OWNER: RUBEN JIMENEZ (747)999-5657

SHEET #: D-1

2

359

JELD-WEN

32 in. x 80 in. 6-Panel Primed Steel Prehung Left-Hand Inswing Front Door

(266) Questions & Answers (22)

Exterior View

Hover Image to Zoom

Specifications

Dimensions

Door Height (in.)	81.75 in	**Door Thickness (in.)**	1.75 in
Door Width (in.)	33.438 in	**Jamb Size (in.)**	4-9/16"
Nominal Door Height (in.)	80 in	**Nominal Door Thickness (in.)**	2 in
Nominal Door Width (in.)	32 in	**Rough Opening Height (in.)**	82.5 in
Rough Opening Width (in.)	34.4375 in		

Details

Bore Type	Double Bore	**Color Family**	Off White
Color/Finish	Primed	**Door Configuration**	Single Door
Door Handing	Left-Hand/Inswing	**Door Style**	Traditional
Door Type	Exterior Prehung	**Features**	Lockset Bore (Double Bore),Weatherstripping
Finish Type	Primed	**Frame Material**	Wood
Hinge Finish	Satin Nickel	**Hinge Type**	Standard
Included	Instructions	**Material**	Steel
Number of Hinges	3	**Panel Type**	6 Panel
Product Weight (lb.)	50.42 lb	**Returnable**	90-Day
Suggested Application	Front		

Warranty / Certifications

Energy Star Qualified	North-Central, Northern, South-Central, Southern	**Fire rating**	None
Manufacturer Warranty	10 Year Limited		

MANUFACTURER: JELD-WEN.
32 in. x 80 in. 6-Panel Primed Steel Prehung Left-Hand Inswing Front Door.
MODEL: #THDJW166100283

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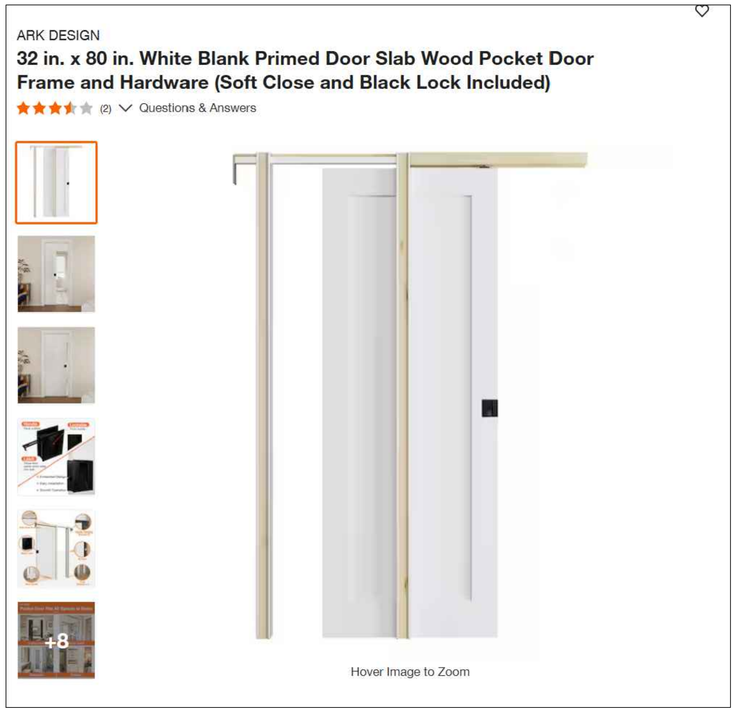
SHEET NAME: DOOR SPEC

OWNER: RUBEN JIMENEZ (747)999-5657

SHEET #: D-2

3



MANUFACTURER: ARK DESIGN.
32 in. x 80 in. White Blank Primed Door Slab Wood Pocket Door Frame and Hardware (Soft Close and Black Lock Included)
MODEL: # PDF-1GHL-32

Specifications

Dimensions

Door Height (in.)	80 in	**Door Thickness (in.)**	1.375 in
Door Width (in.)	32 in	**Fits Opening Height (in.)**	84 to 84 7/8
Fits Opening Width (in.)	64	**Rough Opening Height (in.)**	84.5 in
Rough Opening Width (in.)	65 in		

Details

Bore Type	No Bore	**Color Family**	White
Color/Finish	1-LITE PANEL	**Core Type**	Solid Core
Door Handing	Universal/Reversible	**Door Material**	Wood
Door Type	Pocket	**Features**	Easy Install, Soft Close
Finish Type	Primed	**Frame Material**	Wood
Included	Hardware, Instructions	**Panel Type**	1 Panel
Product Weight (lb.)	119 lb	**Returnable**	90-Day
Texture Type	Smooth		

Warranty / Certifications

Manufacturer Warranty	Per warranty file.

How can we improve our product information? Provide feedback.

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Pomona, CA 91767

SHEET NAME: DOOR SPEC

OWNER:
RUBEN JIMENEZ
(747)999-5657

SHEET #: D-3

WINDOW SCHEDULE & SPECIFICATION.

WINDOW SCHEDULE

*NOTE: ALL NEW GLAZING WILL BE INSTALLED WITH LABELS TO REMAIN IN PLACE FOR INSPECTION

SYM.	SIZE	THK.	GLAZING	U-FACTOR	SHGC	REMARKS
Ⓐ	18" X 24"	1 3/8"	DBL. LOW "E" SH GC c/o.4	0.30	0.23	SPECIFICATION ON SHEET W-1
Ⓑ	48" X 60"	1 3/8"	DBL. LOW "E" SH GC c/o.4	0.30	0.23	SPECIFICATION ON SHEET W-2
Ⓒ	48" X 48"	1 3/8"	DBL. LOW "E" SH GC c/o.4	0.30	0.23	SPECIFICATION ON SHEET W-3
Ⓓ	36" X 36"	1 3/8"	DBL. LOW "E" SH GC c/o.4	0.30	0.23	SPECIFICATION ON SHEET W-4

*NOTE: THE LOAD RESISTANCE OF GLASS UNDER UNIFORM LOAD SHALL BE DETERMINED IN ACCORDANCE WITH ASTM E1300.

A

Specifications

Dimensions: H 24 in, W 17.5 in, D 2.5 in

Dimensions

Grid Width (in.)	None	**Jamb Depth (in.)**	2.5 in
Product Depth (in.)	2.5 in	**Product Height (in.)**	24 in
Product Width (in.)	17.5 in	**Rough Opening Height (in.)**	24 in
Rough Opening Width (in.)	18 in	**Width (in.) x Height (in.)**	17.5 x 24

Details

Exterior Color/ Finish	White	**Exterior Color/Finish Family**	White
Features	No Additional Features	**Frame Material**	Vinyl
Frame Type	Standard Frame	**Glass Type**	Standard Glass
Glazing Type	Single-Pane	**Grid Pattern**	No Grid
Grille Type	No Grille	**Hardware Color/Finish Family**	White
Included	Hardware, Screen	**Interior Color/Finish Family**	White
Lock Type	Cam Action	**Number of Grids**	No Grid
Number of Locks	1	**Product Weight (lb.)**	8 lb
Returnable	90-Day	**Solar Heat Gain Coefficient**	.65
U-Factor	.51	**Window Type**	Other
Window Use Type	New Construction, Replacement		

Warranty / Certifications

Energy Star Qualified	Not Qualified	**Manufacturer Warranty**	Limited Lifetime

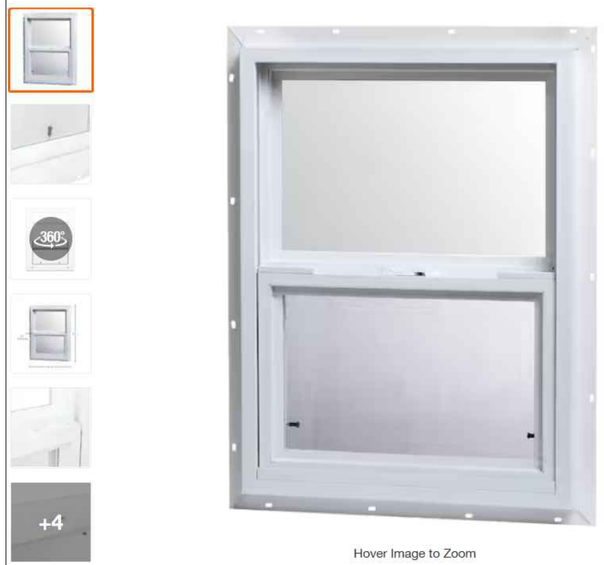
How can we improve our product information? Provide feedback.

588

TAFCO WINDOWS

18 in. x 24 in. Single Hung Vinyl Window - White

(570) Questions & Answers (265)



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MANUFACTURER: TAFCO WINDOWS.
18 in. x 24 in. Single Hung Vinyl Window - White
MODEL: #VSH1824B

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SHEET NAME: WINDOW SPEC

OWNER: RUBEN JIMENEZ (747)999-5657

SHEET #: W-1

B

JELD-WEN

47.5 in. x 59.5 in. V-2500 Series White Vinyl Single Hung Window with Fiberglass Mesh Screen

★★★★☆ (148) Questions & Answers (132)

Hover Image to Zoom

MANUFACTURER: JELD-WEN.
47.5 in. x 59.5 in. V-2500 Series White Vinyl Single Hung Window with Fiberglass Mesh Screen
MODEL: #THDJW143800712

Specifications

Dimensions: H 59.5 in, W 47.5 in, D 2.905 in

Dimensions

Grid Width (in.)	None	**Jamb Depth (in.)**	2.905 in
Product Depth (in.)	2.905 in	**Product Height (in.)**	59.5 in
Product Width (in.)	47.5 in	**Rough Opening Height (in.)**	60 in
Rough Opening Width (in.)	48 in	**Width (in.) x Height (in.)**	47.5 x 59.5

Details

Exterior Color/ Finish	White	**Exterior Color/Finish Family**	White
Features	Argon Gas Filled, Egress, Insect Screen, Integrated Nail Fin, Tilt-In Cleaning	**Frame Material**	Vinyl
Frame Type	Nail Fin	**Glass Type**	Energy Efficient Glass, Insulated Glass, Low-E Glass
Glazing Type	Double-Pane	**Grid Pattern**	No Grid
Grille Type	No Grille	**Hardware Color/Finish Family**	White
Included	Screen	**Interior Color/Finish Family**	White
Lock Type	Cam Action	**Number of Grids**	No Grid
Number of Locks	2	**Product Weight (lb.)**	68.4 lb
Returnable	90-Day	**Solar Heat Gain Coefficient**	.23
U-Factor	.29	**Window Type**	Other
Window Use Type	New Construction, Replacement		

Warranty / Certifications

Energy Star Qualified	Not Qualified	**Manufacturer Warranty**	Lifetime Limited

How can we improve our product information? Provide feedback.

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Pomona, CA 91767

SHEET NAME: WINDOW SPEC

OWNER: RUBEN JIMENEZ (747)999-5657

SHEET #: W-2

C

MANUFACTURER: JELD-WEN.
47.5 in. x 47.5 in. V-2500 Series White Vinyl Single Hung Window with Fiberglass Mesh Screen
MODEL: #THDJW143800704

Specifications
Dimensions: H 47.5 in, W 47.5 in, D 2.905 in

Dimensions

Grid Width (in.)	None	**Jamb Depth (in.)**	2.905 in
Product Depth (in.)	2.905 in	**Product Height (in.)**	47.5 in
Product Width (in.)	47.5 in	**Rough Opening Height (in.)**	48 in
Rough Opening Width (in.)	48 in	**Width (in.) x Height (in.)**	47.5 x 47.5

Details

Exterior Color/ Finish	White	**Exterior Color/Finish Family**	White
Features	Argon Gas Filled, Insect Screen, Integrated Nail Fin, Tilt-In Cleaning	**Frame Material**	Vinyl
Frame Type	Nail Fin	**Glass Type**	Energy Efficient Glass, Insulated Glass, Low-E Glass
Glazing Type	Double-Pane	**Grid Pattern**	No Grid
Grille Type	No Grille	**Hardware Color/Finish Family**	White
Included	Screen	**Interior Color/Finish Family**	White
Lock Type	Cam Action	**Number of Grids**	No Grid
Number of Locks	2	**Product Weight (lb.)**	54.72 lb
Returnable	90-Day	**Solar Heat Gain Coefficient**	.23
U-Factor	.29	**Window Type**	Other
Window Use Type	New Construction, Replacement		

Warranty / Certifications

Energy Star Qualified	Not Qualified	**Manufacturer Warranty**	Lifetime Limited

How can we improve our product information? Provide feedback.

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Pomona, CA 91767

SHEET NAME: WINDOW SPEC

OWNER: RUBEN JIMENEZ (747)999-5657

SHEET #: W-3

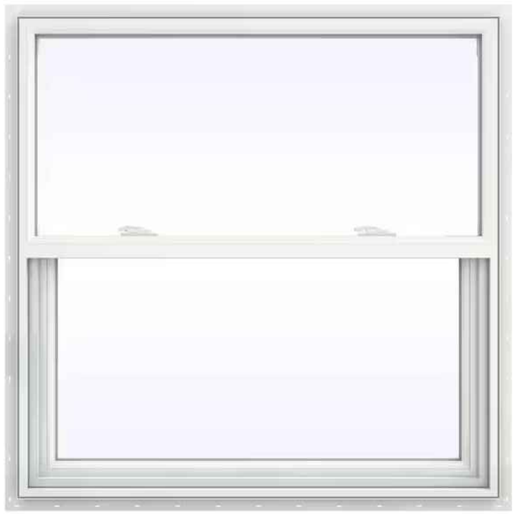
D

222

JELD-WEN

35.5 in. x 35.5 in. V-2500 Series White Vinyl Single Hung Window with Fiberglass Mesh Screen

(148) Questions & Answers (132)



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MANUFACTURER: JELD-WEN.
35.5 in. x 35.5 in. V-2500 Series White Vinyl Single Hung Window with Fiberglass Mesh Screen
MODEL: #THDJW143800664

Specifications

Dimensions: H 35.5 in, W 35.5 in, D 2.905 in

Dimensions

Grid Width (in.)	None	**Jamb Depth (in.)**	2.905 in
Product Depth (in.)	2.905 in	**Product Height (in.)**	35.5 in
Product Width (in.)	35.5 in	**Rough Opening Height (in.)**	36 in
Rough Opening Width (in.)	36 in	**Width (in.) x Height (in.)**	35.5 x 35.5

Details

Exterior Color/ Finish	White	**Exterior Color/Finish Family**	White
Features	Argon Gas Filled, Insect Screen, Integrated Nail Fin, Tilt-In Cleaning	**Frame Material**	Vinyl
Frame Type	Nail Fin	**Glass Type**	Energy Efficient Glass, Insulated Glass, Low-E Glass
Glazing Type	Double-Pane	**Grid Pattern**	No Grid
Grille Type	No Grille	**Hardware Color/Finish Family**	White
Included	Screen	**Interior Color/Finish Family**	White
Lock Type	Cam Action	**Number of Grids**	No Grid
Number of Locks	2	**Product Weight (lb.)**	30.78 lb
Returnable	90-Day	**Solar Heat Gain Coefficient**	.23
U-Factor	.29	**Window Type**	Other
Window Use Type	New Construction, Replacement		

Warranty / Certifications

Energy Star Qualified	Not Qualified	**Manufacturer Warranty**	Lifetime Limited

How can we improve our product information? Provide feedback.

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SHEET NAME: WINDOW SPEC

OWNER: RUBEN JIMENEZ (747)999-5657

SHEET #: W-4