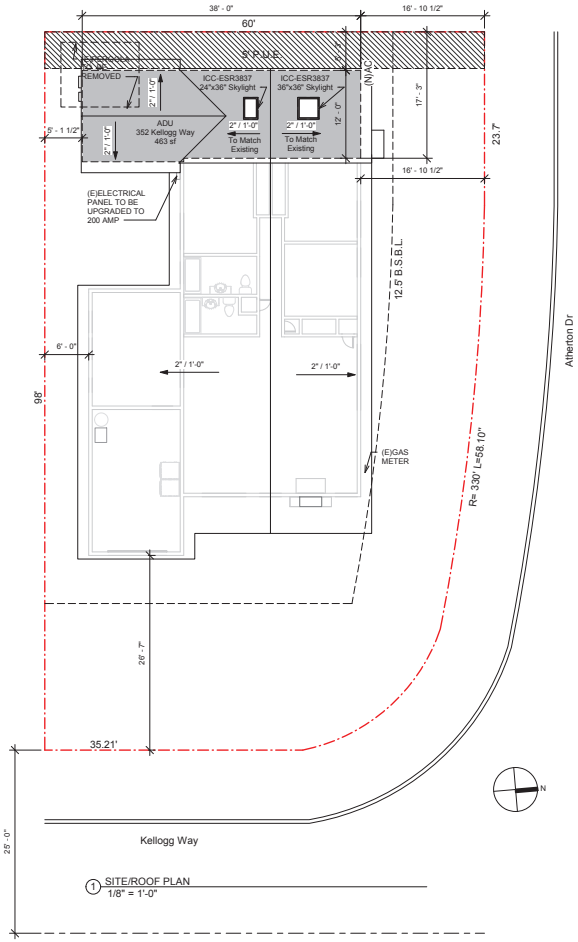
GENERAL NOTES

IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND SUBCONTRACTORS TO CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS INDICATED ON THESE DRAWINGS AND MAKE KNOWN ANY DISCREPANCIES PRIOR TO COMMENCING THEIR WORK
THESE DRAWINGS AREA INTENDED FOR USE IN A NEGOTIATED CONSTRUCTION CONTRACT AND, THEREFORE, MAY NOT SPECIFICALLY DETAIL OR SPECIFY MATERIAL AND / OR MANUFACTURERS. THE CONTRACTOR SHALL PROVIDE ALL SAMPLES AND OR CUTS AS REQUIRED TO ASSIST OWNER OR HIS AGENT IN MAKING MATERIAL SELECTIONS. FOR THE PURPOSE OF ESTIMATING, THE CONTRACTORS SHALL USE THE MATERIALS SELECTED BY THE OWNER, OR IN ABSENCE OF SAME, HE SHALL PROVIDE AN ALLOWANCE AMOUNT AND SO CONDITION ANY COST ESTIMATE . ALL MATERIALS SPECIFIED IN THESE DRAWINGS SHALL BE INCLUDED IN SUCH ESTIMATE
NO GUARANTEE OF QUALITY OF CONSTRUCTION IS IMPLIED OR INTENDED BY THE ARCHITECTURAL DOCUMENTS, AND THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY OR ALL CONSTRUCTION DEFICIENCIES.
THE GENERAL CONTRACTOR SHALL HOLD HARMLESS, INDEMNIFY AND DEFEND THE DESIGNER FROM ANY ACTION INITIATED BY THE INITIAL OWNER OR ANY SUBSEQUENT OWNERS FOR CONSTRUCTION DEFICIENCIES, MODIFICATIONS OR SUCH CONDITIONS WHICH MAY BE BEYOND THE CONTROL OF THE DESIGNER.
ALL WORK SHALL COMPLY WITH APPLICABLE CODES AND TRADE STANDARDS WHICH GOVERN EACH PHASE OF WORK, INCLUDING BUT NOT LIMITED TO: UNIFORM BUILDING CODE (UBC), UNIFORM MECHANICAL CODE (UMC), NATIONAL ELECTRICAL CODE (NEC), NATIONAL PLUMBING CODE (NPC), AND ALL APPLICABLE LOCAL CODES AND LEGISLATION.
THE CONTRACTOR SHALL REVIEW AND RECORD THE CONDITIONS OF ALL EXISTING SITE IMPROVEMENTS INCLUDING PAVED AREAS. HE SHALL MAKE KNOWN ALL EXISTING DAMAGED OR DISREPAIRED ITEMS AND CONDITIONS THAT MAY WORSEN DUE TO THE CONSTRUCTION. ALL ITEMS IN GOOD CONDITION SHALL BE MAINTAIN IN THEIR PRESENT CONDITION AND ANY REPAIR OR DAMAGE WHICH OCCURS DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
CONTRACTOR SHALL THOROUGHLY EXAMINE THE SITE AND SATISFY HIMSELF AS OF THE CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED. THE CONTRACTOR SHALL VERIFY AT THE SITE ALL MEASUREMENTS AFFECTING HIS WORK AND SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF SAME. NO EXTRA COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR FOR THE EXPENSES DUE TO HIS NEGLECT TO EXAMINE OR FAILURE TO DISCOVER CONDITIONS WHICH MAY AFFECT HIS WORK.
ALL NEW INTERIOR PAINT COLOR, FLOOR, WALLS AND CEILING FINISHES SHALL BE SELECTED BY OWNER AT THE TIME WHEN IT IS NECESSARY FOR THE COMPLETION OF THE PROJECT.
ALL PUBLIC IMPROVEMENTS SHALL BE MADE IN ACCORDANCE WITH THE LATEST ADOPTED CITY STANDARDS. THE STORING OF GOODS AND MATERIALS ON SIDEWALK AND/OR STREET WALL NOT BE ALLOWED UNLESS THE CONTRACTOR HAS APPLIED AND SECURED A SPECIAL PERMIT WHICH ALLOW SUCH STORAGE TO BE PLACED.

NOTE:
Applications for which no permit is issued with 180 days following the date of application shall automatically expire, per CRC R105.3.2.
Every permit issued shall become invalid unless work authorized is commenced within 180 days or if the work authorized is suspended or abandon for a period of 180 days.
A successful inspection must be obtained within 180 days. A permit may be extended if a written request stating justification for extension and an extension fee is received prior to expiration of the permit and granted by the Building Official. No more than ONE extension may be granted. Permits which have become invalid shall pay a reactivation fee of approximately 50% of the original permit fee amount when the permit has been expired for up to 6 months. When a permit has been expired for a period in excess of 1 year, the reactivation fee shall be approximately 100% of the original permit fee, per CRC R105.5.
NOTE:
Fences or gates that serve as a component of the mean of egress for the ADU shall be equipped with a night latch, dead bolt, or security chain, provided such devices are openable from the inside without the use of a key or tool per CBC section 1010.2 and 1010.1.9.4 (4).

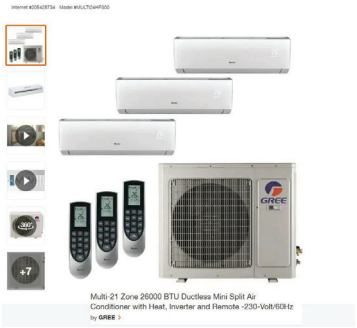


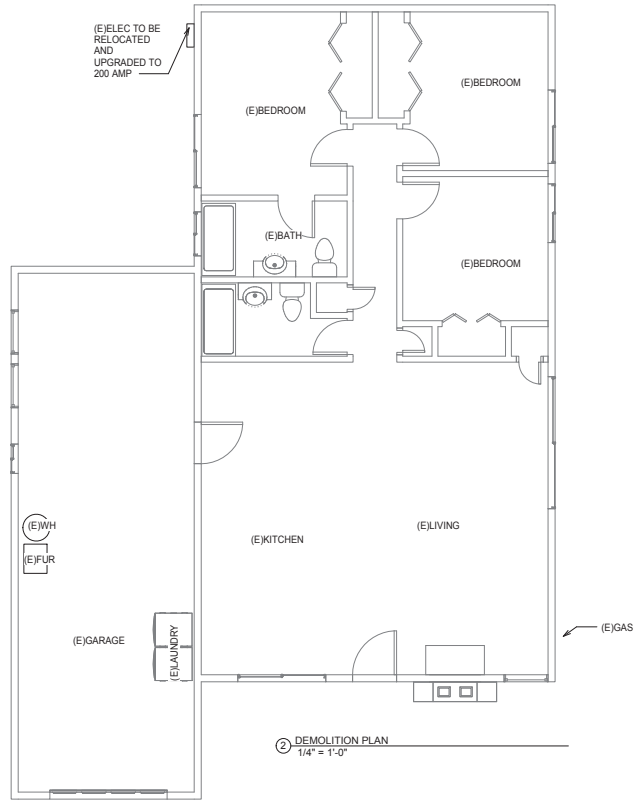
1 SITE/ROOF PLAN
1/8" = 1'-0"

PROJECT SCOPE:

ADD 463 SF ADU WITH ONE BEDROOM AND ONE BATHROOM AT THE REAR YARD.

MINI SPLIT FOR THE ADU





2 DEMOLITION PLAN
1/4" = 1'-0"

PROJECT INFORMATION

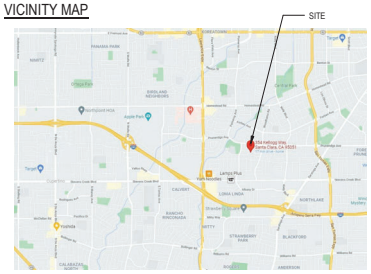
PROPERTY:	354 Kellogg Way, Santa Clara, CA 95051
APN:	296-10-018
OWNER:	Ivy Wong
LOT SIZE:	5,880 SF
LOT ZONING:	R-1
TYPE OF CONSTRUCTION:	TYPE V-B
OCCUPANCY:	R-3/U

EXISTING TOTAL LIVING AREA (3 BEDROOMS, 2 BATHS): 1,104 SF (NO CHANGE)
EXISTING GARAGE AREA: 459 SF (NO CHANGE)
PROPOSED ADU LIVING AREA (1 BEDROOMS, 1 BATH): 463 SF.

F.A.R: 1,473 SF/5,880 SF=25%.

LOT COVERAGE: 1,473 SF/5,880 SF=25%. (NO CHANGE)

VICINITY MAP



APPLICABLE CODES

2019 CALIFORNIA RESIDENTIAL CODE
2019 CALIFORNIA ELECTRIC CODE
2019 CALIFORNIA MECHANICAL CODE
2019 CALIFORNIA PLUMBING CODE
2019 CALIFORNIA ENERGY CODE
2019 CALIFORNIA FIRE CODE

SYMBOLS

A 1 — GRID LINE NUMBER OR LETTER	GRID LINE
1 A-501 — DETAIL NUMBER; SHEET WHERE DETAIL IS DRAWN. SAME DISCIPLINE	DETAIL
1 A-301 — SECTION NUMBER; SHEET WHERE SECTION IS DRAWN. SAME DISCIPLINE	SECTION
F H 4 S — INSULTION, STUD SIZE, WALL TYPE, WALL EXTENT	WALL TYPE
1 — DELTA; SEE DESCRIPTION BLOCK ON SAME SHEET FOR DATE & DESCRIPTION	DRAWING REVISION
1 — KEYED NOTES SEE DESCRIPTION; LIST ON SAME SHEET	KEYNOTE
FILLED LINE INDICATES PLAN NORTH; DASHED ARROW INDICATES TRUE NORTH	NORTH ARROW

DRAWING INDEX

A0.0	SITE PLAN / EXISTING FLOOR PLAN
A0.1-1	CAL GREEN AND NOTES
A0.1-2	KITCHEN BATHROOM NOTES
A0.1-3	AC NOTES
A0.2	PROPOSED FLOOR/CEILING PLAN
A0.3	BUILDING ELEVATIONS
EN0	TITLE 24
EN1	TITLE 24
EN2	TITLE 24

Ivy Wong

(OWNER)

Address:
354 Kellogg Way,
Santa Clara, CA 95051
Email:
ivy_yinming@yahoo.com

Designer:
Yin Su
Email:
Yin su2002@gmail.com

NO.	DESCRIPTION	DATE
2	PLAN CHECK RESPONSE II	
1	PLAN CHECK RESPONSE I	
	PERMIT SUBMITTAL	
	PLANNING	10.15.2021

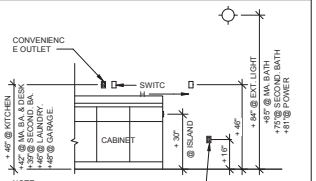
PROJECT NO.
SCALE As indicated
TITLE
SITE PLAN / EXISTING FLOOR PLAN

A0.0

2013 ©

ELECTRICAL SYMBOLS

- CABLE TV
- HB — HOSE BIB
- HB W/ SHUT-OFF — HOSE BIB W/ SHUT OFF VALVE
- C — COLD WATER STUB OUT
- GAS KEY
- FUEL GAS W/SHUTOFF VALVE
- TELE. OUTLET At 8" ABOVE FLOOR/COUNTER
- 120V DUPLEX CONVENIENCE OUTLET
- 120V 4-PLEX CONVENIENCE OUTLET
- HIDDEN OUTLET
- WP GFCI — 120V WEATHERPROOF DUPLEX RECEPTACLE W/GFCI
- GFCI — 120V DUPLEX GFCI OUTLET
- 220V OUTLET
- 120V DUPLEX CONVENIENCE OUTLET, 1/2 HOT
- 120V DUPLEX CONVENIENCE FLOOR OUTLET,
- SWITCH
- 3-WAY SWITCH
- 4-WAY SWITCH
- VOLUME CONTROL SWITCH
- DIMMER SWITCH
- 3-WAY DIMMER SWITCH
- 4-WAY DIMMER SWITCH
- SWITCH W/ VACANCY SENSOR
- CABLE TV SERVICE
- PHONE SERVICE
- MAIN ELECTRICAL PANEL
- GAS SERVICE $ METER
- CEILING MTD. FAN, 4 OR 5 BLADE SWITCH CONTROLLED
- RECESSED EXHAUST FAN
- RECESSED COMBINATION OF EXHAUST FAN & LIGHT (FLUORESCENT OR OTHER HIGH EFFICACY LIGHT)
- (S) — CEILING MTD. SMOKE DETECTOR. I.C.B.O. APPROVED. (ALL SMOKE DETECTOR S SHALL BE INTERCONNECTED)
- (CO) — CARBON MONOXIDE DETECTOR (ALL CARBON MONOXIDE DETECTOR SHALL BE INTERCONNECTED)
- (SP) — SPEAKER
- RECESSED CAN LIGHT - LED (OR OTHER HIGH EFFICACY)
- SURFACE MTD. FIXTURE - LED (OR OTHER HIGH EFFICACY)
- HANGING FIXTURE - LED (OR OTHER HIGH EFFICACY)
- SURFACE MTD. 12X48 FLUORESCENT FIXTURE
- SURFACE MTD. 24X48 FLUORESCENT FIXTURE
- UNDER CABINET MOUNTED 24" FLUORESCENT STRIP
- WALL MTD. LIGHT BAR - FLUORESCENT (OR OTHER HIGH EFFICACY)
- WALL MTD. LIGHT BAR - LED (W/ OCCUPANCY SENSOR SWITCH)
- WALL MTD. FIXTURE - FLUORESCENT (OR OTHER HIGH EFFICACY)
- WALL MTD. FIXTURE - LED (w/ MOTION SENSOR & PHOTO CONTROL)
- WALL SCONCE - INCANDESCENT (VERIFY SWITCH REQUIREMENTS)
- WALL SCONCE - FLUORESCENT (OR OTHER HIGH EFFICACY)
- JUNCTION BOX
- (D) — DOOR CHIME
- (DB) — DOOR CHIME PUSH BUTTON
- (T) — THERMOSTAT (LOCATED BY MECH. CONTRACTOR)
- (F) — GARAGE DOOR PUSH BUTTON
- ADDRESS — ILLUMINATED ADDRESS +78" ABOVE T.O.C. (U.O.N.)



NOTE:
1. ALL HEIGHTS TYPICAL UNLESS TO OTHERWISE NOTED.

TYPICAL INSTALLATION HTS.

Egress opening note.
See symbol "E" for location:
Sleeping rooms and basement sleeping rooms shall have at least one operable emergency escape and rescue opening. Such openings shall be open directly into a public way, yard r court that opens to a public way, provide details on plans, per CRC R310.1.
Minimum window dimensions: 24" clear height and 20" clear width.
Net clear opening area: 5.7 SF. Exception: 5.0 SF at grade floor.
Sill height: bottom of the clear opening shall not greater than 44" (3'-8") above finish floor.

Exterior wall notes:
Weather-resistive barrier for stucco wall assemby (CRC R703.7.3, R703.7.2, Table R702.1(1), CBC Table 1405.2 & CBC 2510.6. Minimum 7/8" thick, 3 coats stucco over two layers of grade D paper are required when over wood base sheathing.

A minimum 26 gage corrosion resistant weep screed is required below the stucco a minimum of 4" above earth or 2" above paved area, per CRC R703.7.2.1.

Shower and tub/shower walls notes:
Shower and tub/shower walls to be a smooth, hard, nonabsorbent surface (i.e., ceramic tile) over a moisture resistant underlayment (i.e., cement fiber or glass mat gypsum backer board) to a height of 6'-0" (72") above the floor per CRC R307.2, 5'-10" (70") above the drain inlet per CBC

Smoke detector notes:
Smoke detectors shall be hard-wired with a battery backup per CRC R314.6.
Location. Smoke alarm shall be installed not less than 3' horizontally from the door or opening of a bathroom that contain bathtub/shower unless this would prevent placement of smoke alarm. (CRC R314.3)
Location. Smoke alarm shall be installed a minimum of 20' horizontal distance from a permanently installed cooking appliance (CRC R314.3.3).
Exception:
Ionization smoke alarm with alarm silencing switch shall be permitted to be installed 10' from a permanently installed cooking appliance (CRC R314.3.3 Exc)
Photoelectric smoke alarms shall be permitted to be installed greater than 6' from a permanently installed cooking appliance (CRC R314.3.3 Exc).
1210.2.3.

Location. Smoke alarm shall be installed not less than a 3' horizontal distance from the supply registers of a forced air heating or cooling system or paddle fan, and shall be installed outside of the direct airflow from those registers. (CRC R314.3)

When more than one alarm is required to be installed within an individual dwelling unit, the smoke alarms shall be interconnected in such manner that the activation of one alarm will activate all of the alarms per CRC R314.4.

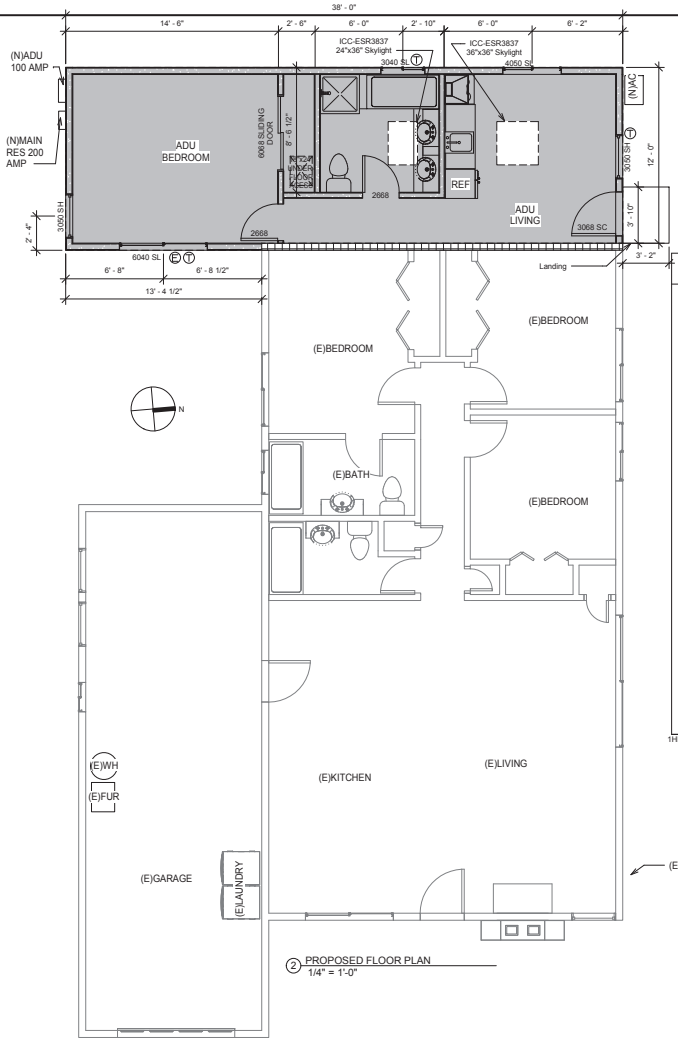
Carbon Monoxide Alarm Notes:
Carbon Monoxide Alarm shall be hard-wired with a battery backup (see CRC R315.5 for exception).
When more than one alarm is required to be installed within an individual dwelling unit, the carbon monoxide alarms shall be interconnected in such manner that the activation of one alarm will activate all of the alarms per CRC R315.7.

Electrical notes:
All receptacle outlets located at bathrooms, outdoors and within 6' of sink should be ground-fault circuit interrupter (GFCI) protection per CEC section 210-8. See legend'

All receptacle outlets in all family rooms, living rooms, bedrooms, closets, hallways, kitchens, laundry areas and similar rooms/areas should be arc-fault circuit interrupter (AFCI) device for per CEC 210-12

Lighting notes:
Kitchen:
All installed lighting shall be high efficacy per CEC 150.0(k)1A.
Bathrooms, garages, laundry rooms, and utility rooms:
All installed lighting shall be high efficacy and at least one luminaire in each of these spaces shall be controlled by a vacancy sensor per CEC 150.0(k)1A and CEC 150.0(k)2J.
Outdoor:
All installed lighting shall be high efficacy per CEC 150.0(k)1A, and switching device control requirement per CEC 150.0(k)3A.
All other interior rooms:
All installed lighting shall be high efficacy (CEC 150.0(k)1A), and switching device control requirement per CEC 150.0(k)2.

Plumbing notes:
Faucets in kitchens, wet bars, laundry sinks, etc. shall have a water flow not exceed 1.8 gallon per minute (CPC 407.2.1.1)
Faucets in residential lavatory shall have a water flow not exceed 1.2 gallon per minute at 60 psi (CPC 407.2.1.2)
Faucets in public use shall have a water flow not exceed 0.5 gallon per minute at 60 psi (CPC 407.2.1.3)
Metering faucets shall have a water flow not exceed 0.2 gallon per metering cycle (CPC 407.2.2)
Shower heads shall have a water flow not exceed 1.8 gallons per minute at 60 psi (CPC 408.2)
Water closets shall have an average water consumption of not more than 1.28 gallons per flush (CPC 411.2)
Lavatory faucets shall have an average water consumption of not more than 1.2 CMP at 60 psi (CPC 407.2)



2 PROPOSED FLOOR PLAN
1/4" = 1'-0"

FLOOR PLAN SYMBOL:

- SUPPLY AIR DIFFUSER
- EXISTING WALL TO REMAIN AND REPAIR AS REQUIRED.
- 2x4 or 2x6 WOOD STUDS @ 16" O.C. W/ 1/2" THK. GYP. BD. ON BOTH SIDES USE W/R GREEN GYP. BD. @ WET WALLS (1/2" CDX PLYWOOD O/STUD @ SHEAR WALLS). ADD SOUND BATT INSULATION.
- 2x4 OR 2x6 WOOD STUDS @ 16" O.C. W/ 1/2" THK. GYP. BD. INTERIOR SIDE 7/8" CEMENT PLASTER OVER PAPER BACKED LATH OR WOOD SIDING OVER 15# BLDG. PAPER (PAINTED) OVER 1/2" CDX PLYWOOD.
  (SEE ELEVATIONS FOR EXTERIOR FINISH)
- 1-HR RATED SEPARATION WALL. SEE DETAILS ON 4/A0.2

FLOOR PLAN NOTES:

GLAZING NOTES
3050 FX - OPERATION
HEIGHT (FT'-IN") I.e.5'-0"
WIDTH (FT'-IN") I.e. 3'-0"
OPERATION ABBREVIATIONS

FX = FIXED	CS = CASEMENT
SH = SINGLE HUNG	AW = AWNING
SL = SLIDER	HP = HOPPER
DH =DOUBLE HUNG	XOX = XOX SLIDER

I. ALL GLAZIN6 IS DUAL PANE INSULATING GLASS.
2. WINDOW MARKED WITH A E SHALL BE VERIFIED TO MEET EGRESS BY THE MANUFACTURER
9. GLAZING MARKED WITH A T SHALL BE 3/16" THICK TEMPERED SAFETY GLASS
4. HEADER HEIGHT:
1st FLOOR = 8'-0" U.O.N.
2nd FLOOR = 8'-0" U.O.N.

DOOR NOTES
3080 SC - OPERATION OR TYPE
HEIGHT (FT'-IN") I.e.5'-0"
WIDTH (FT'-IN") I.e. 3'-0"
OPERATION OR TYPE ABBREVIATIONS

SC= SOLID CORE	HM = HOLLOW METAL
FR = FRENCH	PR = PAIR
PKT = POGKET	SGD = SLIDING GLASS DOOR

I. ALL DOORS ARE HOLLOW CORE, U.O.N.
2. DOOR SIZE INDICATED IS THE ROUGH OPENING-VERIFY ROUGH OPENING- REQUIREMENTS W/ DOOR MFR.
3. DOORS THAT APPEAR TO BE CENTERED ARE INTENDED TO BE CENTERED, U.O.N. .
4. MINIMUM DOOR JAMB IS 4" FROM ADJACENT ROUGH FRAMING TO ROUGH OPENING, U.O.N.
5. WHEN DOORS ARE LOCATED, THEY ARE LOCATED FROM THE ADJACENT ROUGH FRAMING TO THE CENTERLINE OF THE ROUGH OPENING, U.O.N.
6. ALL DOOR GLAZING IS DUAL PANE INSULATING GLASS.
7. DOORS MARKED WITH A T SHALL HAVE 3/16" THICK TEMPERED SAFETY GLASS.

1HR RATED WALL ASSEMBLY

Ivy Wong

(OWNER)

Address:
354 Kellogg Way,
Santa Clara, CA 95051
Email:
ivy_yinming@yahoo.com

Designer:
Yin Su
Email:
Yin su2002@gmail.com

NO.	DESCRIPTION	DATE
2	PLAN CHECK RESPONSE II	
1	PLAN CHECK RESPONSE I	
	PERMIT SUBMITTAL	
	PLANNING	10.15.2021

PROJECT NO.

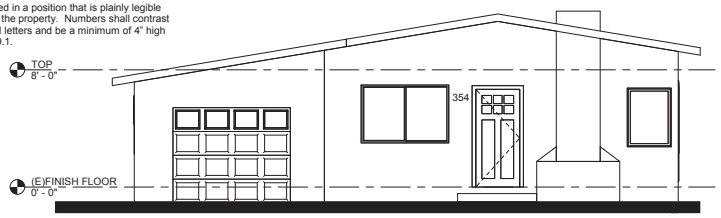
SCALE As indicated

TITLE
PROPOSED FLOOR/CEILING PLAN

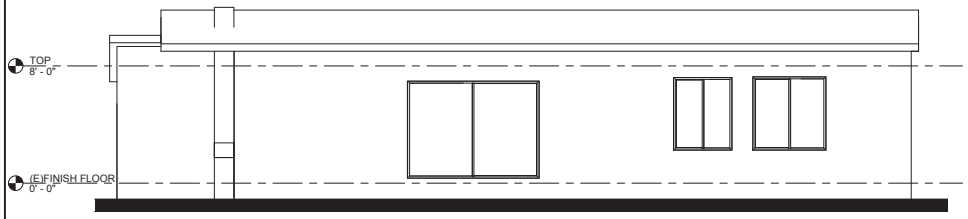
A0.2

2013 ©

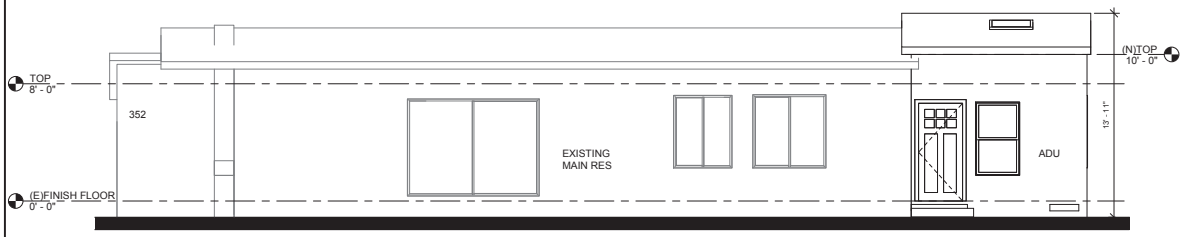
Address note:
Building shall have address numbers placed in a position that is plainly legible and visible from the street or road fronting the property. Numbers shall contrast with background, be Arabic or alphabetical letters and be a minimum of 4" high with minimum stroke of ½", per CRC R319.1.



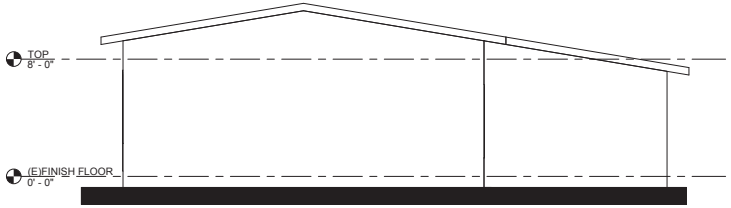
1 EXISTING FRONT / EAST ELEVATION (NO CHANGE)
1/4" = 1'-0"



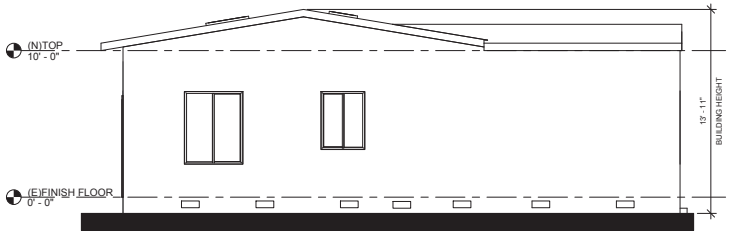
2 EXISTING RIGHT / NORTH ELEVATION
1/4" = 1'-0"



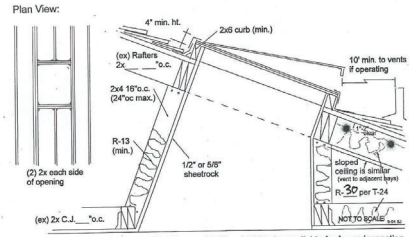
3 PROPOSED RIGHT / NORTH ELEVATION
1/4" = 1'-0"



4 EXISTING REAR / WEST ELEVATION
1/4" = 1'-0"



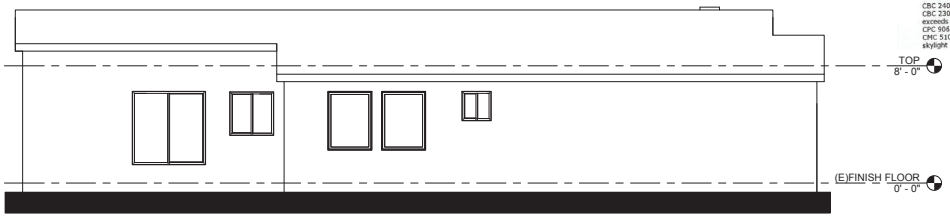
5 PROPOSED REAR / WEST ELEVATION
1/4" = 1'-0"



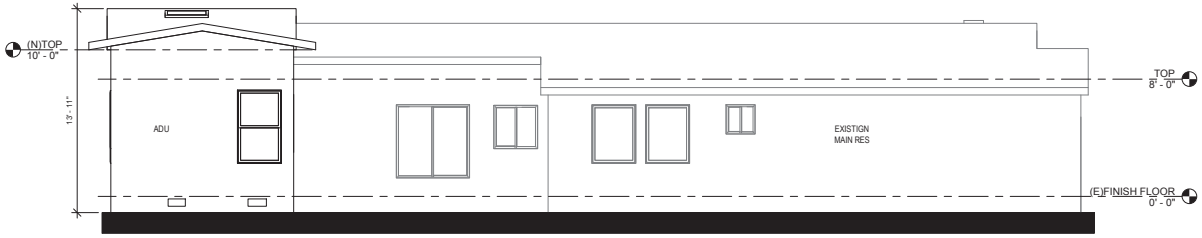
*Manufacturer's installation specifications and ICBO or ICC# to be available for frame inspection.
*Truss Roof: ***TRUSSES SHALL NOT BE ALTERED WITHOUT ENGINEERING***
*To field verify rafters and any purlins are adequatly braced to bearing walls.

Code Sections:
CBC 2405.4: 4" Minimum above roof or manufacturer's specifications
CBC 2308.10.4.3: Double trimmer and headers at opening when span exceeds 4' and use hangers if it exceeds 6
CPC 906.2: Plumbing vents shall terminate at least 10' from or 3' above any opening
CMC 510.6.2.1: Gas and exhaust vents shall terminate at least 4' from or 1' above any operable skylight

SKYLIGHT DETAIL



7 EXISTING LEFT / SOUTH ELEVATION
1/4" = 1'-0"



8 PROPOSED LEFT / SOUTH ELEVATION
1/4" = 1'-0"

ICC-ES Evaluation Report — **ESR-3837**
Reissued September 2020
This report is subject to renewal September 2021.
www.icc-es.org | (800) 423-6587 | (562) 699-0543 — *A Subsidiary of the International Code Council®*

DIVISION: 08 00 00—OPENINGS
Section: 08 62 00—Unit Skylights

REPORT HOLDER:
KINGSPAN LIGHT + AIR

EVALUATION SUBJECT:
UNIT SKYLIGHT MODELS A-S-CM and A-S1-CM

1.0 EVALUATION SCOPE
1.1 Compliance with the following codes:
- 2009 and 2006 *International Building Code®* (IBC)
- 2009 and 2006 *International Residential Code®* (IRC)
- 2013 *Abu Dhabi International Building Code* (ADIBC)†

†The ADIBC is based on the 2009 IBC. 2006 IBC code sections referenced in this report are the same sections in the ADIBC.

Properties evaluated:
- Structural
- Air infiltration
- Water penetration resistance
- Durability

1.2 Evaluation to the following green standard:
- 2012 *ICC 700 National Green Building Standard™* (ICC 700-2012)

Attributes verified:
- See Section 3.0

2.0 USES
The Kingspan Light + Air Models A-S-CM and A-S1-CM are plastic-glazed non-operable unit skylights complying with IBC Sections 2405 and 2610 and IRC Section R308.6.

3.0 DESCRIPTION
The Kingspan Light + Air unit skylight Models A-S-CM and A-S1-CM are glazed using parabolic-shaped domes formed from 0.118-inch-thick (3 mm) flat sheets of Class CC1 polycarbonate plastic described in ICC-ES report ESR-1893. The domes are factory-attached to a 6063-T5 aluminum extruded frame with a 6063-T5 aluminum extruded retainer cap. The connection of Model A-S-CM is a snap-cap design between the frame and retainer cap, while the Model A-S1-CM is a mechanically fastened design between the frame and retainer cap. The unit skylight may have a 0.098-inch-thick (2.5 mm) Class CC2 acrylic inner dome, as described in ICC-ES report ESR-1282, when applicable. The unit skylight can be a curb mounted unit or self-flashing unit and available in 48-inch-wide-by-96-inch-long (1219 by 2438 mm). Details for the skylights are noted in Figures 1through 5.

The attributes of the skylights have been verified as conforming to the provisions of ICC 700-2012 Section 701.4.3.3 for fenestration air leakage. Note that decisions on compliance for those areas rest with the user of this report. The user is advised of the project-specific provisions that may be contingent upon meeting specific conditions, and the verification of those conditions is outside the scope of this report. These codes or standards often provide supplemental information as guidance.

4.0 DESIGN AND INSTALLATION
4.1 Design:
4.1.1 Allowable Loads: The allowable loads are expressed as performance grade rating values, PG. Under the IBC, the PG rating values must be equal to, or greater than, the maximum loads required by IBC Section 2405.5.2. Under the IRC, the PG rating values must be equal to, or greater than, the maximum loads determined in accordance with IRC Section 2405.5.2, except the design wind forces must be as specified for skylights in IRC Section R301.2.1. See Tables 1 and 2 for allowable positive and negative PG rating values for both curb-mounted and self-flashing units installed with or without retainer fasteners, respectively.

4.1.2 Air Infiltration: When tested at an air pressure differential of 1.57 psf (75 Pa), the skylights have an air leakage rate of less than 0.30 cfm/ft² (1.5 L/s·m²) as required in Sections 402.4.4 and 502.4.1 of the 2009 *International Energy Conservation Code®* (IECC) or Sections 402.4.2 and 502.4.1 of the 2006 IECC.

4.2 Installation: Installation must be in accordance with the manufacturer's published installation instructions, this report, and Sections 2405 and 2610 of the IBC and Section R308.6 of the IRC, as applicable. In the event of conflict between this report and the manufacturer's published installation instructions, this report governs.

The curb-mounted skylights must be installed on a metal curb or wood curb made of minimum nominally 2-by lumber with a minimum 0.42 specific gravity, of a height sufficient so that the installation of the plastic dome is a minimum 4 inches (102 mm) above the plane of the finished roof. The metal or wood curb and attachment to the roof structure must be designed to resist the appropriate code-prescribed loads. The self-flashing units are designed to mount directly to the roof deck assembly.

Ivy Wong

(OWNER)

Address:
354 Kellogg Way,
Santa Clara, CA 95051
Email:
ivy_yinming@yahoo.com

Designer:
Yin Su
Email:
Yin su2002@gmail.com

NO.	DESCRIPTION	DATE
2	PLAN CHECK RESPONSE II	
1	PLAN CHECK RESPONSE I	
	PERMIT SUBMITTAL	
	PLANNING	10.15.2021

PROJECT NO.
SCALE 1/4" = 1'-0"
TITLE
BUILDING ELEVATIONS

A0.3

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