

GENERAL NOTES
THESE DRAWINGS HAVE BEEN PREPARED FROM THE LATEST INFORMATION AVAILABLE ON EXISTING:

1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS PRIOR TO STARTING WORK AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES OBSERVED.
2. THE CONTRACTOR AND HIS SUBCONTRACTORS ARE RESPONSIBLE FOR REVIEWING THE CONTRACT DOCUMENTS IN DETAIL INCLUDING DIMENSIONS FOR THE PURPOSE OF DETERMINING THAT CAN BE PERFORMED AS SHOWN PRIOR TO PROCEEDING WITH THE WORK. IF ANY CONFLICTS ARISE, THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A CLARIFICATION FROM THE ARCHITECT PRIOR PROCEEDING WITH THE WORK IN QUESTION OR WITH RELATED WORK.
3. DIMENSIONS ARE TO THE FACE OF STUDS UNLESS OTHERWISE INDICATED TO BE FINISH DIMENSIONS.
4. "TYPICAL" MEANS IDENTICAL FOR ALL SAME CONDITIONS UNLESS OTHERWISE NOTED. "SIMILAR" MEANS COMPARABLE CHARACTERISTICS FOR THE CONDITIONS NOTED. VERIFY DIMENSIONS AND ORIENTATION ON THE PLANS. ALL WORK NOT DETAILED OR NOTED SHALL BE CONSTRUCTED IN ACCORDANCE WITH OTHER SIMILAR WORK SHOWN ON THE DRAWINGS AND TYPICAL DETAILS.
5. THE CONTRACTOR SHALL PROVIDE PROTECTIONS OF ALL EXISTING SURFACES, FINISHED, APPLIANCES AND EQUIPMENT NOT INDICATED TO BE DEMOLISHED. ANY SHALL BE RESPONSIBLE FOR THE REPAIR OR REPLACEMENT OF ANY SUCH ITEMS DAMAGES DURING THE PERFORMANCE OF THE WORK.
6. MANUFACTURERS' SUGGESTED INSTALLATION METHODS AND SPECIFICATIONS SHALL BE FOLLOWED EXCEPT WHERE SPECIFICALLY NOTED OTHERWISE.

GENERAL NOTES

7. UTILITIES EXISTING OR TEMPORARY SHALL BE LOCATED AND MARKED BY THE CONTRACTOR TO AVOID DAMAGE OR PERSONAL INJURY.
8. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OR DESIGNER OF ANY SITE CONDITIONS NOT REFLECTED ON THE WORKING DRAWINGS OR DIFFERENCE FROM MAXIMUM OR MINIMUM DIMENSIONS INDICATED. INCLUDING RETAINED EARTH HEIGHT, CONFLICT IN GRADES, ADVERSE SOIL CONDITIONS, GROUND WATER PRESENT, DEEPENED FOOTINGS, UNCOVERED AND UNEXPECTED UTILITY LINES, ETC.
9. DRAWINGS AND SPECIFICATIONS REPRESENT FINISHED STRUCTURE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION INCLUDING SHORING AND TEMPORARY BRACING. HE SHALL TAKE ALL NECESSARY MEASURES TO INSURE THE SAFETY OF ALL PERSONS AND STRUCTURES AT THE SITE AND ADJACENT TO THE SITE. OBSERVATION VISITS TO THE SITE BY THE ARCHITECT OR ENGINEER SHALL NOT INCLUDE REVIEW OF THESE MEASURES.
10. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE REQUIREMENTS OF THE LATEST APPROVED CALIFORNIA BUILDING CODE.
11. THE DRAFTER ON RECORD SHALL HAVE NO LIABILITY WITH RESPECT TO THE STRUCTURAL, MECHANICAL, PLUMBING OR ELECTRICAL SYSTEMS DESIGN DEPICTED HEREIN. CONTRACTOR SHALL VERIFY ALL CODE COMPLIANCE AND FIELD CONDITIONS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY OWNER OR OWNER'S REPRESENTATIVE IN WRITING SHOULD ANY DISCREPANCIES, UNFORESEEN CONDITIONS, OR CONFLICTS COME TO HIS TENSION. USE OF THESE PLANS SIGNIFY COMPLIANCE AND AGREEMENT WITH THESE TERMS.

GENERAL NOTES

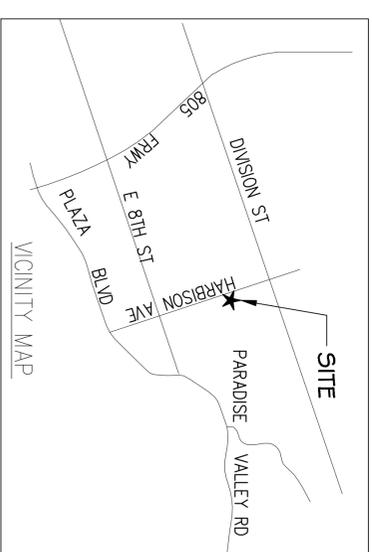
12. ALL WORK AND CONSTRUCTION SHALL COMPLY WITH REQUIREMENTS OF "CAL-OSHA". ALL CONSTRUCTION A DEMOLITION FOR THE PROTECTION OF PEDESTRIANS SHALL COMPLY WITH REQUIREMENTS OF THE CURRENT CALIFORNIA BUILDING CODE.
13. GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS PRIOR TO COMMENCING WORK.
14. CONTRACTOR SHALL DETERMINE, COORDINATE, AND ACCOMMODATE ALL UNDERGROUND SERVICES (ELECTRICAL, GAS, TELEPHONE, ETC.)
15. PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION CONTRACTOR SHALL VERIFY EXISTENCE AND LOCATION OF ALL ABOVE AND BELOW GRADE UTILITIES (I.E. PLUMBING, ELECTRICAL, TELEPHONE, CATV, GAS, ECT.) ANY DISCREPANCIES IS ASSUMED LOCATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
16. NO HAZARDOUS MATERIALS WILL USED ON SITE.
17. ALL PLUMBING IS EXISTING TO REMAIN AND NO PLUMBING WORK IS PROPOSED UNDER THIS PERMIT.
18. NO REVERSING GAS PIPING LAYOUT DUE TO KITCHEN EQUIPMENT THAT BEING MOVED TO UNDER HOOD.
19. ALL LIGHTING IS EXISTING TO REMAIN.

PROJECT INFORMATION

OWNER NAME: ANDRES LORENZO
 OWNER TELEPHONE: 619-616-5492
 PROJECT ADDRESS: 315 HARBISON AVE, NATIONAL CITY, CA 91950
 APN: 554-112-07-0
 ZONE: RS-2
 (E) LOT AREA: 2,226 S.F.
 (E) TENANT AREA: 2,226 S.F.
 PROPOSED AREA: 500 S.F.
 CONSTRUCTION TYPE: TYPE V-B (SPRINKLED)
 OCCUPANCY GROUP: R-3

SCOPE OF WORK

PROPOSED 500 SF DETACHED ACCESSORY DWELLING UNIT
 NOTE: ALL WORK IS WITHIN THE EXISTING PROPERTY. SEE SHEET 1 FOR FLOOR PLAN



CODE COMPLIANCE

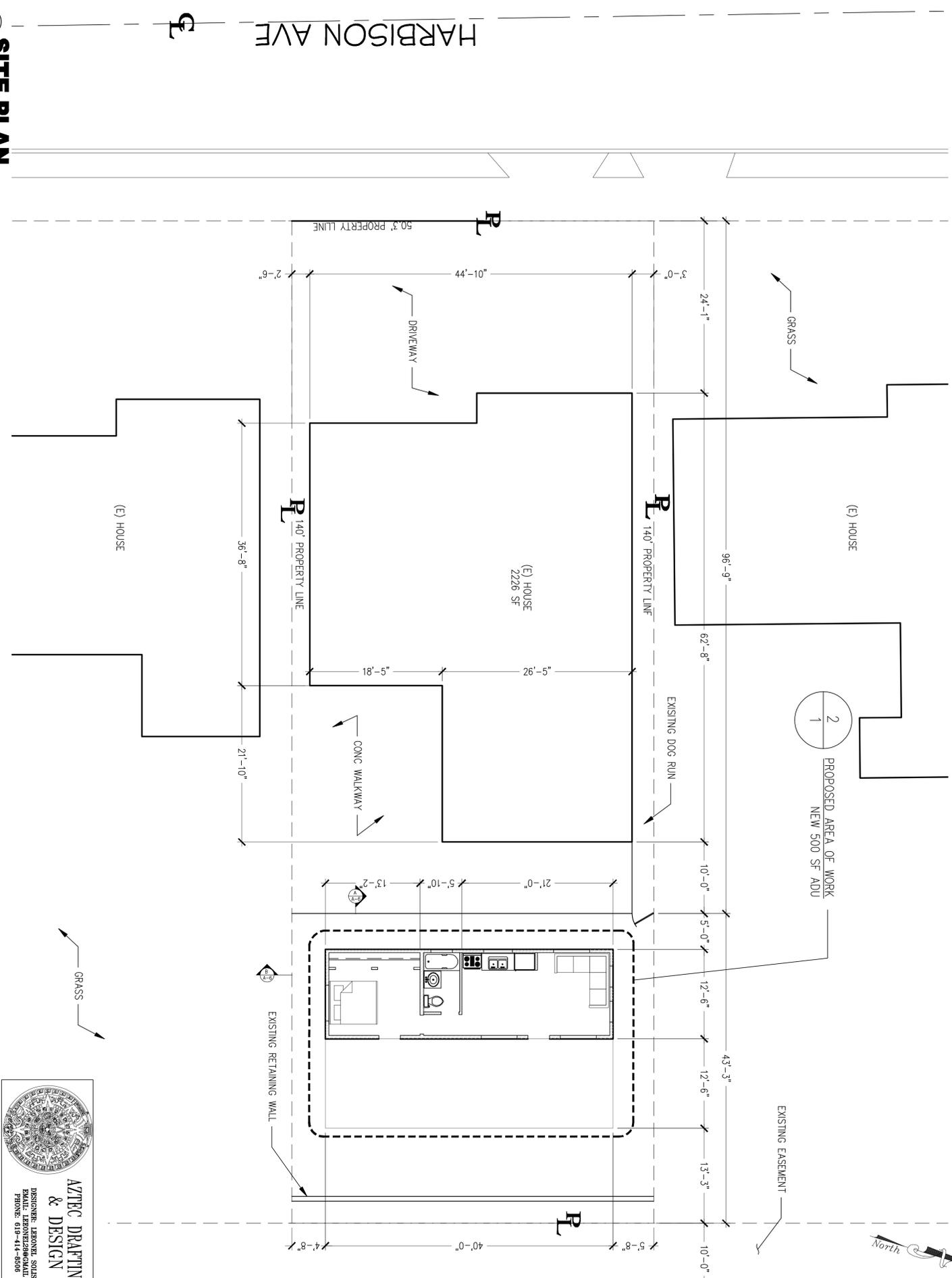
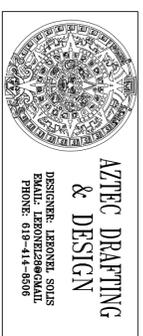
PROJECT DESIGNED BASED ON THE FOLLOWING CODES:
 2019 CALIFORNIA ELECTRICAL CODE (CEC)
 2019 CALIFORNIA MECHANICAL CODE (CMC)
 2019 CALIFORNIA PLUMBING CODE (CPC)
 2019 CALIFORNIA FIRE CODE (CFC)
 2019 CALIFORNIA BUILDING CODE (CBC)
 2017 NATIONAL ELECTRICAL CODE (NEC)
 2019 CALIFORNIA ENERGY CODE
 2019 CALIFORNIA GREEN BUILDING STANDARDS (CALGREEN)
 AND ALL CITY OF NATIONAL CITY AMENDMENTS.

I AM THE DESIGNER/OWNER IN RESPONSIBLE CHARGE OF THIS TENANT IMPROVEMENT PROJECT I HAVE INSPECTED THE SITE/PREMISES AND DETERMINED THAT EXISTING CONDITIONS ARE IN FULL COMPLIANCE WITH CURRENT SITE ACCESSIBILITY REQUIREMENTS TO THE EXTENT REQUIRED BY LAW.

PRINTED NAME: _____

SIGNATURE: _____

DATE: _____



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



DRAWINGS PROVIDED BY:
AZTEC DRAFTING & DESIGN
 DESIGNER: LEONEL SOLS
 EMAIL: LEONELSO@YAHOO.COM
 CELL: 619-414-8506

**315 S HARBISON
 DETACH DWELLING UNIT**
 554-112-07-0 315 S HARBISON AVENUE,
 NATIONAL CITY, CALIFORNIA 91950

**COVER SHEET
 SITE PLAN**

REVISION	DATE
0	12/09/21

PROJECT NO. P011
 SHEET NO. CS



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Leonel Sols

**FLOOR PLAN
 DETAILS**

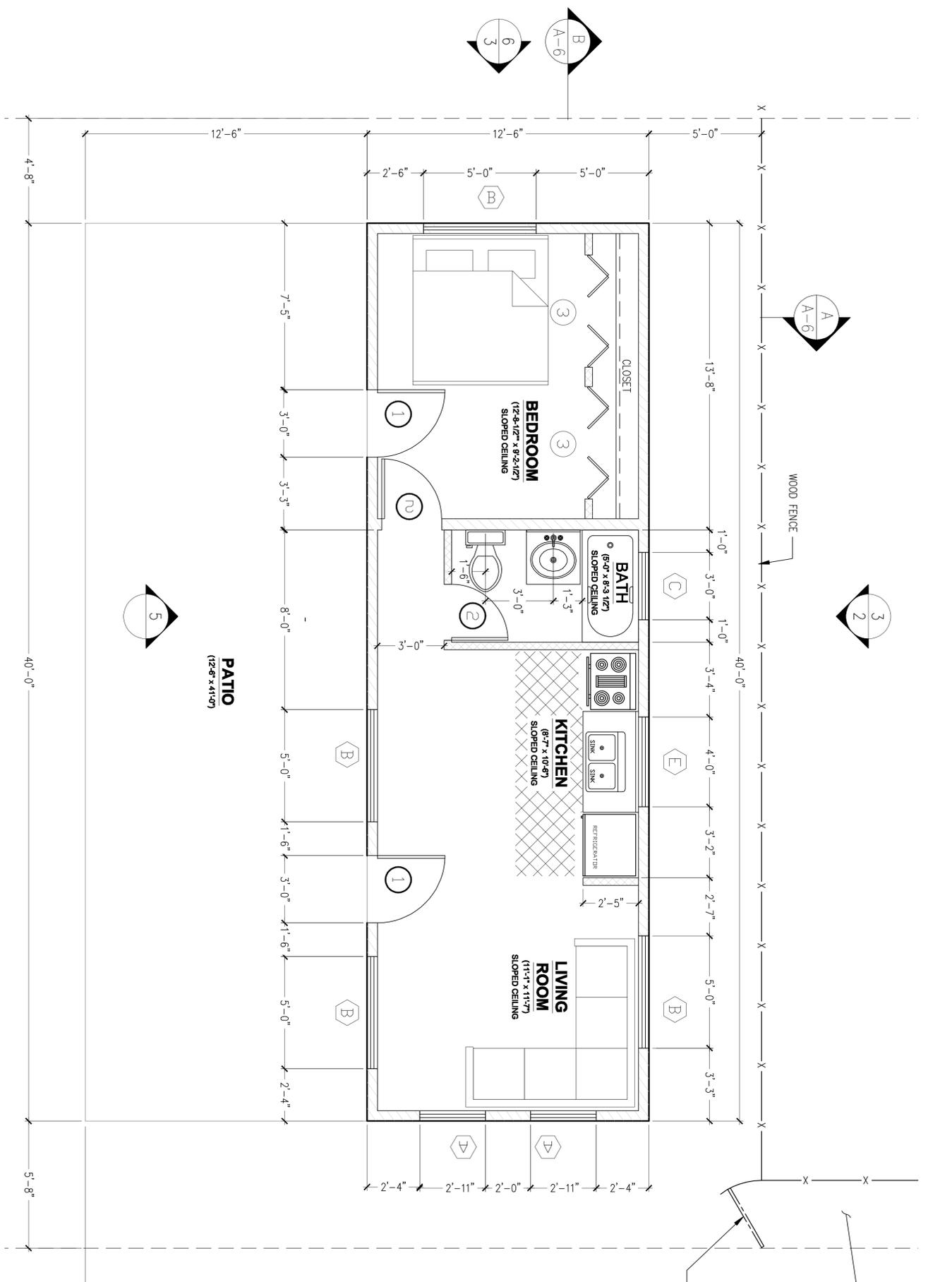
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PROJECT NO. P011
 SHEET NO. 1

- FLOOR PLAN NOTES**
- EXTERIOR WALLS WITHIN 3 FEET OF PROPERTY LINE (SPRINKLERS) OR 5 FEET OF PROPERTY LINE (WITHOUT SPRINKLERS) REQUIRE 1-HOUR FIRE RATING FOR EXPOSURE TO BOTH SIDES
 - PROJECTIONS:
 - PROHIBITED WITHIN 2 FEET OF PROPERTY LINE
 - 1-HOUR FIRE RATING ON THE UNDERSIDE WITHIN 3FT OF PROPERTY LINE (SPRINKLERS)
 - 1-HOUR FIRE RATING ON THE UNDERSIDE WITHIN 5FT OF PROPERTY LINE (WITHOUT SPRINKLERS)
 - OPENINGS:
 - PROHIBITED WITHIN 3FT OF PROPERTY LINE
 - MAXIMUM 25% OF WALL AREA WITHIN 5 FEET OF PROPERTY LINE (WITHOUT SPRINKLERS)
 - PENETRATIONS:
 - 1-HOUR FIRE-RATED PENETRATIONS OF WALLS WITHIN 3FT OF PROPERTY LINE (SPRINKLERS) OF WALLS
 - 1-HOUR FIRE-RATED PENETRATIONS OF WALLS WITHIN 5FT OF PROPERTY LINE (WITHOUT SPRINKLERS)
 - CONCRETE LANDING WITH MIN 36" DEPTH AND A MAXIMUM OF 1-1/2" LOWER THAN TOP OF DOOR THRESHOLD

OPTIONAL ROLL-IN SHOWER PLAN NOTES

- SHOWER COMPARTMENT SEAT
 - MUST BE FOLDING TYPE. NOT TO EXCEED MORE THAN 6 INCHES FROM MOUNTING WALL WHEN FOLDED
 - LOCATED WITHIN 27 INCHES OF SHOWER CONTROLS
 - MOUNTED MINIMUM 17 INCHES AND MAXIMUM 19 INCHES ABOVE BATHROOM FINISHED FLOOR.
 - SEAT INSTALLED ON SIDE WALL ADJACENT TO CONTROLS AND EXTENDING FROM BACK WALL TO POINT WITHIN 3 INCHES OF SHOWER COMPARTMENT ENTRY
 - STRUCTURAL ADEQUACY OF MOUNTING HARDWARE AND FASTENERS TO ACCOMMODATE 250 POUND POINT LOAD APPLIED AT ANY POINT ON THE GRAB BAR, FASTENER, MOUNTING DEVICE, OR SUPPORTING STRUCTURE
- SHOWER GRAB BARS
 - MOUNTED MINIMUM 33 INCHES AND MAXIMUM 36 INCHES ABOVE SHOWER FLOOR
 - NOT EXTENDING OVER SHOWER SEAT
 - IF CROSS SECTION IS CIRCULAR, MINIMUM 1-1/4" AND MAXIMUM 2" OUTSIDE DIAMETER
 - IF CROSS SECTION IS NON-CIRCULAR, MINIMUM 4" AND MAXIMUM 4.8" PERIMETER AND MAXIMUM 2-1/4" CROSS SECTION DIMENSION
 - GRAB BARS MOUNTED ADJACENT TO A WALL, 1-1/2" ABSOLUTE SPACE BETWEEN WALL AND GRAB BAR
 - MINIMUM 1-1/2" SPACE BETWEEN GRAB BAR AND PROJECTING OBJECTS BELOW AND AT ENDS
 - MINIMUM 12 INCH SPACE BETWEEN GRAB BAR AND PROJECTING OBJECTS ABOVE
 - SURFACE MATERIAL OF ANY WALLS OR OBJECTS ADJACENT TO GRAB BARS MUST BE FREE OF SHARP OR ABRASIVE ELEMENTS AND HAVE ROUNDED EDGES.
 - STRUCTURAL ADEQUACY OF MOUNTING HARDWARE AND FASTENERS TO ACCOMMODATE 250 POUND POINT LOAD APPLIED AT ANY POINT ON THE GRAB BAR, FASTENER, MOUNTING DEVICE, OR SUPPORTING STRUCTURE
 - WALL REINFORCEMENT TO BE PROVIDED AT LOCATION OF GRAB BARS (E.G. BLOCKING)
- OPERABLE PARTS OF SHOWER CONTROLS AND FAUCETS:
 - INSTALLED ON BACK WALL OF SHOWER COMPARTMENT ADJACENT TO SEAT WALL
 - LOCATED MINIMUM 19 INCHES AND MAXIMUM 27 INCHES FROM SEAT WALL
 - LOCATED ABOVE GRAB BAR BUT NO HIGHER THAN 48 INCHES ABOVE SHOWER FLOOR
 - CENTERLINE AT MINIMUM 39 INCHES AND MAXIMUM 41 INCHES ABOVE SHOWER FLOOR
 - SINGLE-LEVER DESIGN
 - OPERABLE WITH MAXIMUM 5 POUNDS OF FORCE
 - OPERABLE WITH ONE HAND AND WITHOUT TIGHT GRASPING, PINCHING, OR TWISTING OF WRIST
- SPRAYER UNIT AND ASSOCIATED OPERABLE PARTS SHALL BE PROVIDED PER THE FOLLOWING:
 - OPERABLE PARTS, INCLUDING HANDLE, TO BE INSTALLED ON BACK WALL OF SHOWER COMPARTMENT MINIMUM 19 INCHES AND MAXIMUM 27 INCHES FROM SEAT WALL
 - OPERABLE PARTS LOCATED ABOVE GRAB BAR BUT NO HIGHER THAN 48 INCHES ABOVE SHOWER FLOOR, MEASURED TO TOP OF MOUNTING BRACKET
 - MINIMUM 59 INCH LONG HOSE
 - CAPABLE FOR USE AS FIXED SHOWER HEAD AND HAND HELD SHOWER
 - ON/OFF CONTROL WITH NON-POSITIVE SHUT OFF
 - ADJUSTABLE -HEIGHT SHOWER HEADS ON VERTICAL BAR SHALL NOT OBSTRUCT USE OF BATHTUB GRAB BARS
- WHERE SOAP DISHES ARE PROVIDED, MAXIMUM 40 INCHES ABOVE SHOWER FLOOR AND WITHIN REACH LIMITS FROM THE SHOWER SEAT
- MAXIMUM 1/2" HIGH THRESHOLDS WITH MAXIMUM 50% BEVELED SLOPE AT ROLL-IN SHOWERS
- WHERE DRAINS ARE PROVIDED AT ROLL-IN SHOWERS, MAXIMUM 1/4" GRATE OPENINGS FLUSH WITH SHOWER FLOOR SURFACE



WINDOW SCHEDULE

MARK	DIMENSION	TYPE	TEMPERED	NOTES
A	2'-11" x 5'-9 1/2"	HUNG		
B	5'-0" x 5'-0"	SLIDING		
C	3'-0" x 2'-0"	SLIDING	YES	
E	4'-0" x 4'-0"	SLIDING		

DOOR SCHEDULE

MARK	DIMENSION	TYPE	TEMPERED	NOTES
1	3'-0" x 6'-8"	SWINGING		1-3/8" SOLID CORE
2	2'-8" x 6'-8"	SWINGING		
3	10'-0" x 6'-8"	SLIDING		10 FT CLOSET

WALL LEGEND

	2X4 WALL
	2X6 WALL

EXTERIOR WINDOWS, EXTERIOR GLAZED DOORS, GLAZED OPENING WITHIN EXTERIOR DOORS, GLAZED OPENING WITHIN EXTERIOR DOORS, GLAZED OPENING WITHIN EXTERIOR GARAGE DOORS, AND EXTERIOR STRUCTURAL GLASS VENEER SHALL COMPLY WITH ONE OF THE FOLLOWING: (SELECT ONE)

A. MULTI-PANE GLAZING, MINIMUM OF ONE TEMPERED PANE MEETING THE REQUIREMENTS OF SECTION 2406 SAFETY GLAZING, AND WHERE ANY GLAZING FRAMES MADE OF VINYL MATERIALS SHALL HAVE WELDED CORNERS, METAL REINFORCEMENT IN INTERLOCK AREA, AND BE CERTIFIED TO AAMA/WMA/CSA 101/15.2/A40

B. MINIMUM 20-MIN FIRE RESISTANCE-RATED.

C. MEET PERFORMANCE REQUIREMENTS OF SFM STANDARD 12-7A-2

EXTERIOR DOORS SHALL COMPLY WITH ONE THE FOLLOWING: (SELECT ONE)

A. EXTERIOR SURFACE OR CALDING OF NON-COMBUSTIBLE OR IGNITION RESISTANT MATERIAL.

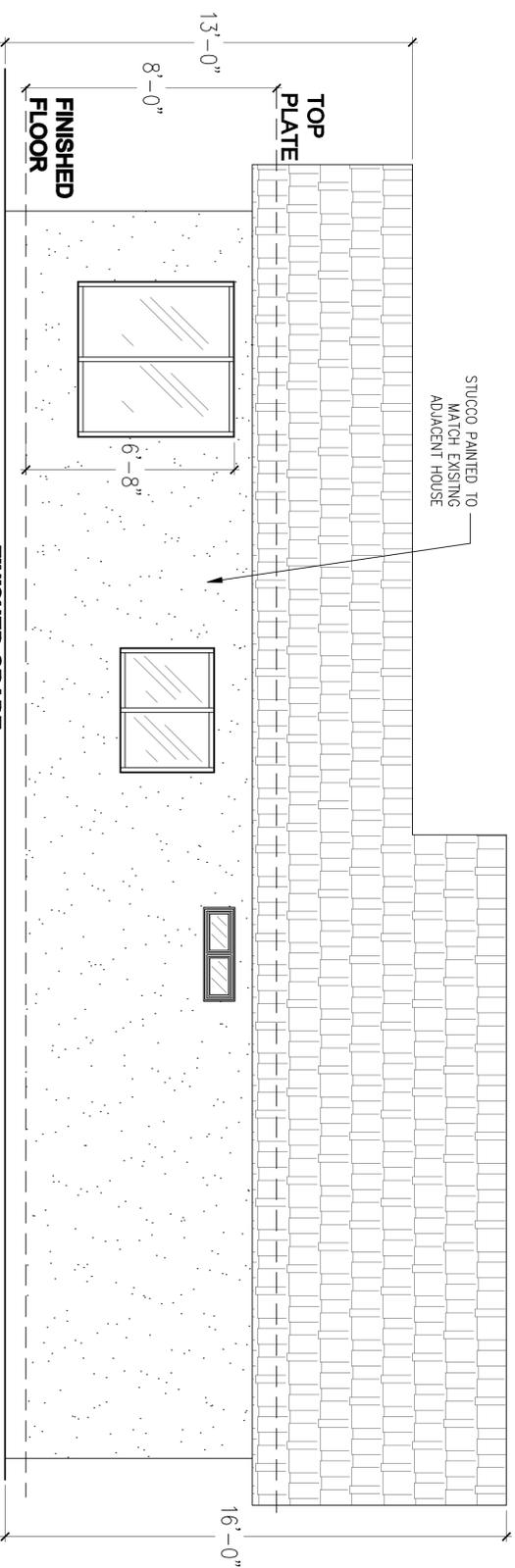
B. SOLID CORE WOOD COMPLYING WITH THE FOLLOWING:
 B.A. STILES AND RAILS MINIMUM 1-3/8" INCHES THICK
 B.B. RAISED PANELS MINIMUM 1-1/4" INCHES THICK
 B.B.1. EXCEPTION: EXTERIOR PERIMETER OF RAISED PANEL MAY TAPER TO A THINNESS MINIMUM 3/8" INCHES THICK.

C. MINIMUM 20-MIN FIRE RATED WHEN TESTED PER NFPA 252

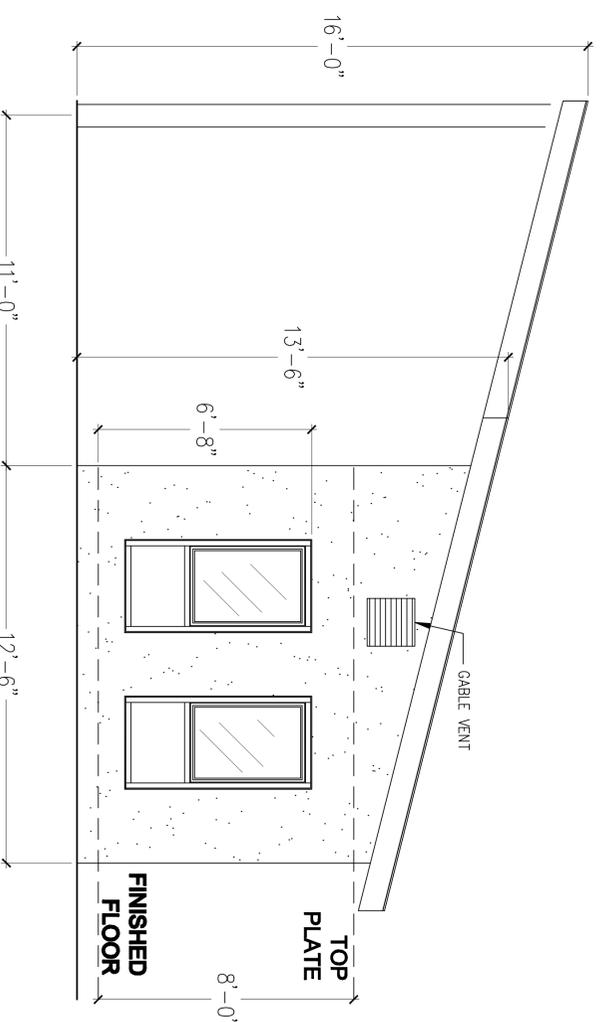
D. MEET PERFORMANCE REQUIREMENTS OF SFM STANDARD 12-7A-1

WILDFIRE ZONE PLAN NOTE

1. IN ROOF COVERINGS WHERE THE PROFILE CREATES SPACE BETWEEN THE ROOF COVERING AND COMBUSTIBLE ROOF DECKING, SPECIFY ONE OF THE FOLLOWING MEANS OF PROTECTING SPACES AT EAVES ENDS.
 - a. FIRE-STOPPING WITH APPROVED MATERIALS
 - b. ONE LAYER OF 72 POUND (32.4 KG) MINERAL-SURFACED NON-PERFORATED CAP SHEET COMPLYING WITH ASTM D 3909 INSTALLED OVER THE COMBUSTIBLE DECKING
 - c. OTHERWISE CONSTRUCTED TO PREVENT INTRUSION OF FLAMES AND EMBERS
2. EXPOSED VALLEY FLASHINGS SHALL BE CONSTRUCTED WITH NOT LESS THAN 0.019-INCH (NO. 26 GALVANIZED SHEET GAGE) CORROSION-RESISTANT METAL INSTALLED OVER A MINIMUM 3/8-INCH-WIDE UNDERLAYMENT CONSISTING OF ONE LAYER OF NO. 72 ASTM CAP SHEET RUNNING THE FULL LENGTH OF THE VALLEY.
3. ANY ROOF GUTTERS SHALL BE PROVIDED WITH MEANS TO PREVENT ACCUMULATION OF LEAVES AND DEBRIS.
4. SKYLIGHTS SHALL BE TEMPERED GLASS.
5. ALL VENTS (ROOF FOUNDATION, COMBUSTION-AIR, ETC) SHALL RESIST THE INTRUSION OF FLAMES AND EMBERS
6. VENTILATION OPENINGS FOR ENCLOSED ATTICS, EAVE SOFFIT SPACES, ENCLOSED RAFTER SPACES FORMED WHERE CEILINGS ARE APPLIED DIRECTLY TO THE UNDERSIDE OF ROOF RAFTERS, UNDERFLOOR VENTILATION OPENINGS, AND VENT OPENINGS IN EXTERIOR WALLS AND EXTERIOR DOORS SHALL BE LISTED TO ASTM E 2886 AND COMPLY WITH ALL OF THE FOLLOWING:
 - a. THERE SHALL BE NO FLAMING IGNITION OF THE COTTON MATERIAL DURING THE EMBER INTRUSION TEST
 - b. THERE SHALL BE NO FLAMING IGNITION DURING THE INTEGRITY TEST PORTION OF THE FLAME INTRUSION TEST
 - c. THE MAXIMUM TEMPERATURE OF THE UNEXPOSED SIDE OF THE VENT SHALL NOT EXCEED 662 DEGREES FAHRENHEIT (350 DEGREES CELSIUS)
7. EXTERIOR WALL FINISH SHALL COMPLY WITH ONE OF THE FOLLOWING:
 - a. NON-COMBUSTIBLE MATERIAL (STUCCO, CEMENT FIBER BOARD, ETC) SHALL BE 7/8-INCH THICK
 - NONCOMBUSTIBLE OR FIRE-RETARDANT-TREATED WOOD SHAKE USED AS AN EXTERIOR WALL COVERING SHALL HAVE AN UNDERLAYMENT OF MINIMUM 1/2-INCH FIRE-RATED GYPSUM SHEATHING THAT IS TIGHTLY BUTTED, OR TAPED AND MUDDER, OR AN UNDERLAYMENT OF OTHER IGNITION-RESISTANT MATERIAL APPROVED BY THE BUILDING OFFICIAL.
 - b. IGNITION-RESISTANT MATERIAL
8. PATIO COVER, CARPORT AND TRELIS CONSTRUCTION WITH ALL EXPOSED ELEMENTS SHALL COMPLY WITH ANY OF THE FOLLOWING:
 - NON-COMBUSTIBLE MATERIAL
 - 1-HOUR FIRE-RESISTANT-RATED MATERIAL
 - APPROVED EXTERIOR FIRE-RETARDANT TREATED WOOD
 - MODIFIED HEAVY TIMBER (MIN 4X8 JOISTS, 4X10 OR 6X8 BEAMS, 6X6 POSTS)
9. DECK, BALCONY, AND EXTERIOR STAIR CONSTRUCTION, WITH ALL EXPOSED ELEMENTS SHALL COMPLY WITH THE FOLLOWING:
 - a. FRAMING
 - NON-COMBUSTIBLE MATERIAL
 - 1-HOUR FIRE-RESISTANT-RATED MATERIAL
 - APPROVED EXTERIOR FIRE-RETARDANT TREATED WOOD
 - MODIFIED HEAVY TIMBER (MIN 4X8 JOISTS, 4X10 OR 6X8 BEAMS, 6X6 POSTS)
 - b. DECKING AND TREAD MATERIAL (ANY OF THE FOLLOWING):
 - NON-COMBUSTIBLE MATERIAL
 - 1-HOUR FIRE-RESISTANT-RATED MATERIAL
 - APPROVED EXTERIOR FIRE-RETARDANT TREATED WOOD
 - APPROVED ALTERNATIVE DECKING MATERIAL MEETING TESTS REQUIREMENTS OF COUNTY BUILDING CODE 92.1.709A.1.4)
10. EXTERIOR GARAGE DOORS SHALL RESIST THE INTRUSION OF EMBERS INTO THE GARAGE BY LIMITING THE SIZE OF ANY GAPS AT THE BOTTOM, SIDES, AND TOP OF THE DOOR TO 1/8 INCH OR LESS USING ONE OF THE FOLLOWING METHODS
 - a. WEATHER-STRIPPING PRODUCTS WITH TENSILE STRENGTH AND FLAMMABILITY RATING PER CBC 708A.4
 - b. DOOR OVERLAPS ONTO JAMBS AND HEADERS
 - c. GARAGE DOOR JAMBS AND HEADERS COVERED WITH METAL FLASHING
11. PAPER-FACED INSULATION PROHIBITED IN ATTICS OR OTHER VENTILATED SPACES.
12. FENCES OR ANY STRUCTURE WITHIN 5 FEET OF BUILDING SHALL BE CONSTRUCTED PER ONE OF THE FOLLOWING:
 - a. NON-COMBUSTIBLE MATERIAL
 - b. APPROVED EXTERIOR FIRE-RETARDANT TREATED WOOD
 - c. MATERIAL MEETING SAME FIRE-RESISTIVE STANDARDS AS EXTERIOR WALLS OF BUILDINGS



3
1/4"=1'-0"
ADU WEST ELEVATION



4
1/4"=1'-0"
ADU NORTH ELEVATION



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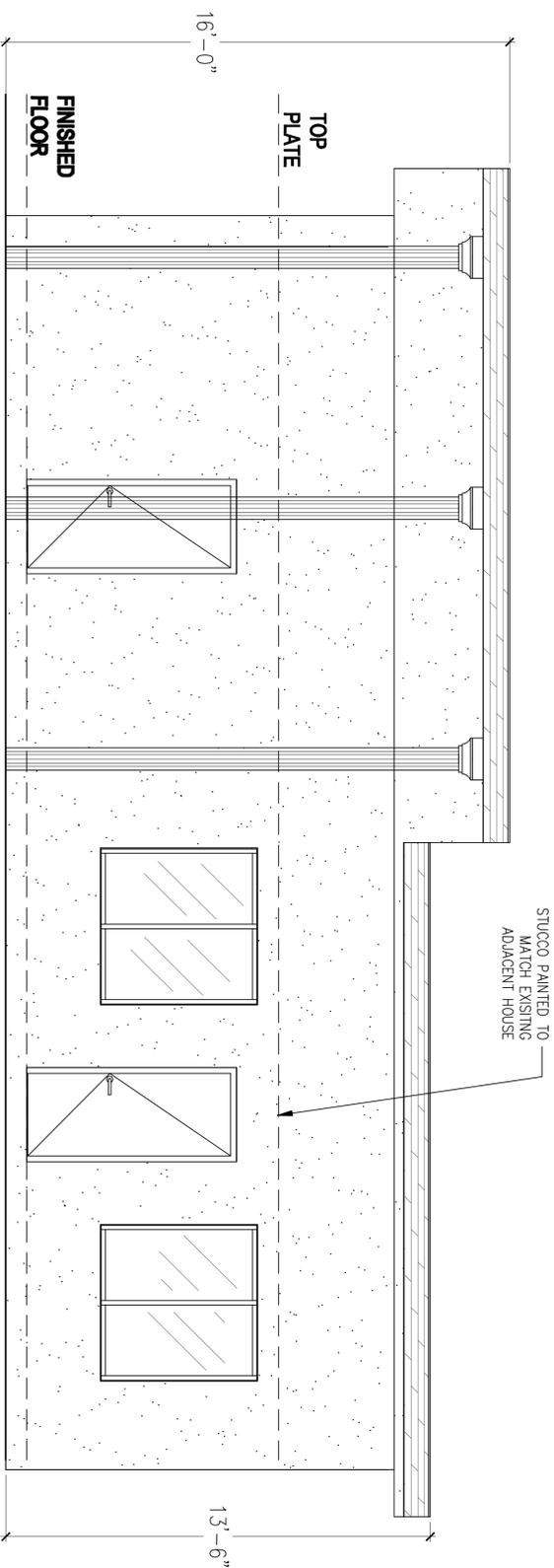
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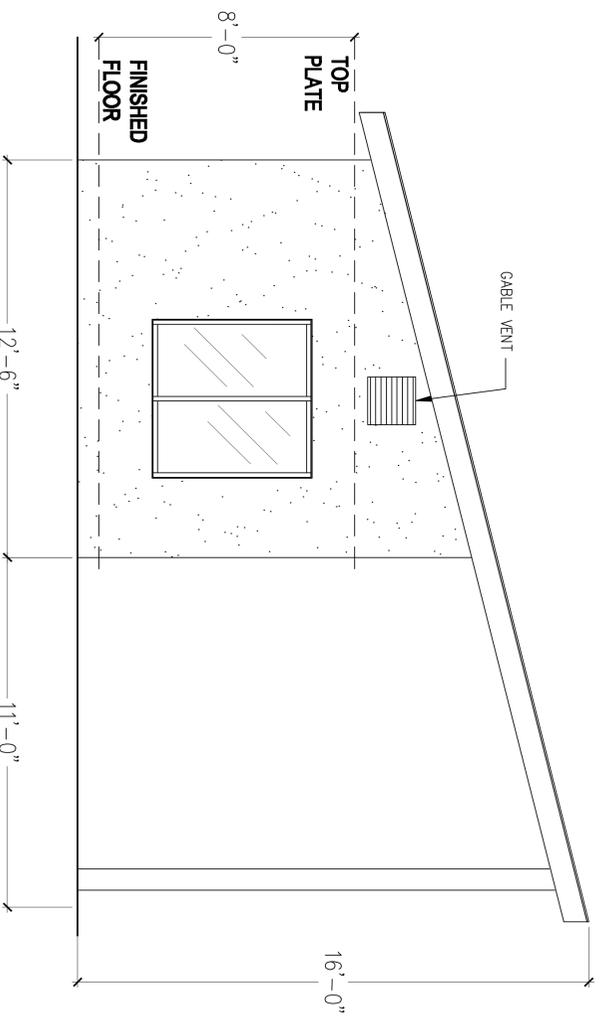
PROJECT NO.
P011
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2

WILDFIRE ZONE PLAN NOTES

1. IN ROOF COVERINGS WHERE THE PROFILE CREATES SPACE BETWEEN THE ROOF COVERING AND COMBUSTIBLE ROOF DECKING, SPECIFY ONE OF THE FOLLOWING MEANS OF PROTECTING SPACES AT EAVES ENDS.
 - a. FIRE-STOPPING WITH APPROVED MATERIALS
 - b. ONE LAYER OF 72 POUND (32.4 KG) MINERAL-SURFACED NON-PERFORATED CAP SHEET COMPLYING WITH ASTM D 3909 INSTALLED OVER THE COMBUSTIBLE DECKING
 - c. OTHERWISE CONSTRUCTED TO PREVENT INTRUSION OF FLAMES AND EMBERS
2. EXPOSED VALLEY FLASHINGS SHALL BE CONSTRUCTED WITH NOT LESS THAN 0.019-INCH (NO. 26 GALVANIZED SHEET GAGE) CORROSION-RESISTANT METAL INSTALLED OVER A MINIMUM 3/8-INCH-WIDE UNDERLAYMENT CONSISTING OF ONE LAYER OF NO. 72 ASTM CAP SHEET RUNNING THE FULL LENGTH OF THE VALLEY.
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 - c. MATERIAL MEETING SAME FIRE-RESISTIVE STANDARDS AS EXTERIOR WALLS OF BUILDINGS



5 ADU EAST ELEVATION



6 ADU SOUTH ELEVATION

ELEVATIONS

Signature

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SHEET NO. 3



UTILITY PLAN NOTES

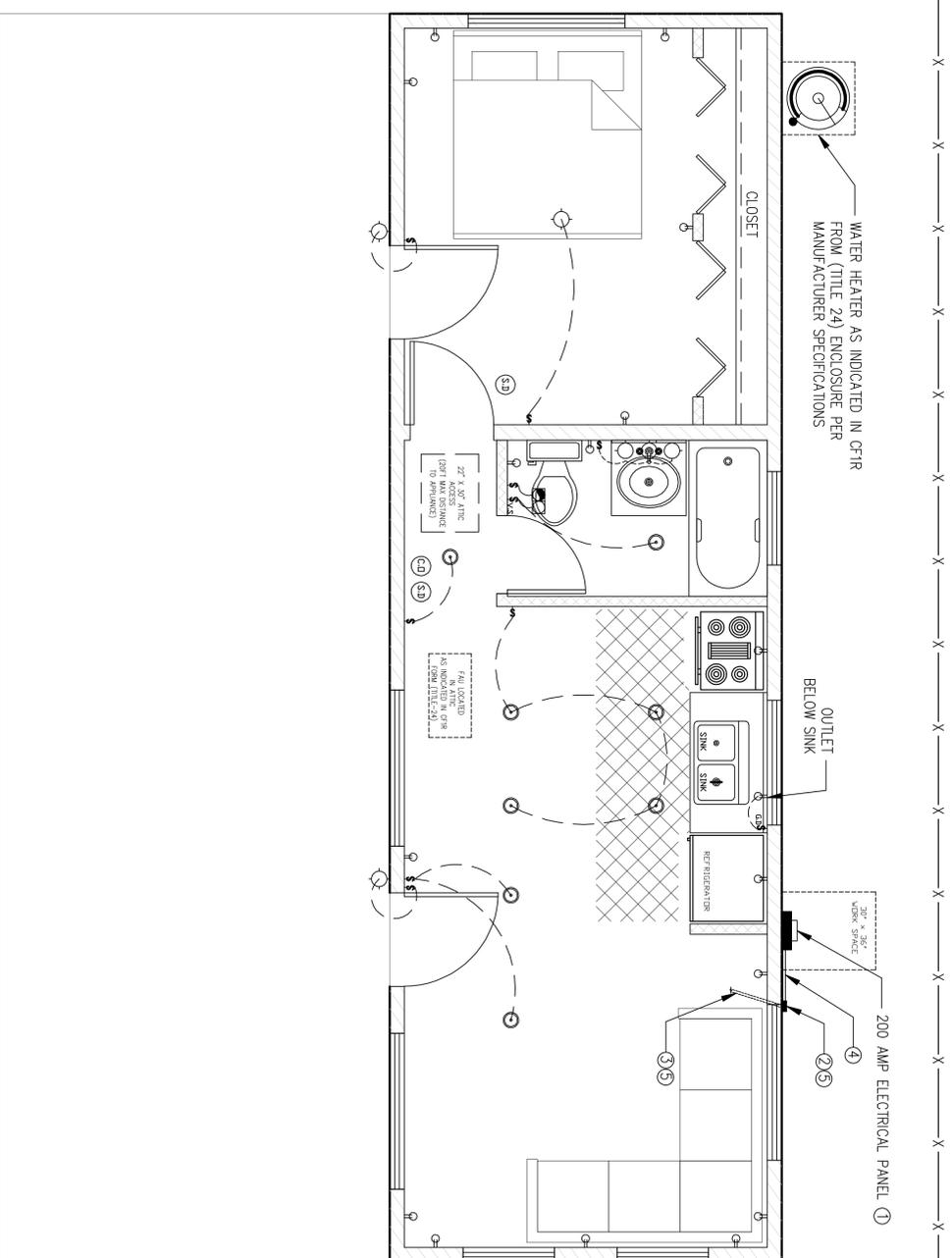
1. LOCAL EXHAUST FANS TO EXTERIOR TO PROVIDE MINIMUM 50 CFM INTERMITTENT OR 20 CFM CONTINUOUS VENTILATION.
2. SMOKE DETECTORS TO BE INTERCONNECTED PER CRC R314.4 AND HARD-WIRED WITH BATTERY BACK-UP PER CRC R314.6
3. CARBON MONOXIDE ALARMS TO BE INTERCONNECTED PER CRC R315.7 AND HARD-WIRED WITH BATTERY BACK-UP PER CRC R315.5
4. 4" Ø DRYER VENT WITH MAXIMUM 14 FOOT COMBINED HORIZONTAL AND VERTICAL LENGTH WITH TWO 90 DEGREE ELBOWS.
5. A MECHANICAL EXHAUST VENTILATION SYSTEM, SUPPLY VENTILATION SYSTEM, OR COMBINATION THEREOF SHALL BE INSTALLED FOR EACH DWELLING UNIT TO PROVIDE WHOLE-BUILDING VENTILATION WITH OUTDOOR AIR IN COMPLIANCE WITH ASHRAE STANDARD 62.2 AS ADOPTED BY THE CALIFORNIA ENERGY COMMISSION.
6. AN INTERMITTENTLY OR CONTINUOUSLY OPERATING LOCAL MECHANICAL EXHAUST VENTILATION SYSTEM SHALL BE INSTALLED IN EACH BATHROOM WITH A BATHTUB, SHOWER, OR SIMILAR MOISTURE SOURCE AND IN EACH KITCHEN IN COMPLIANCE WITH ASHRAE STANDARD 62.2 AS ADOPTED BY THE CALIFORNIA ENERGY COMMISSION. INTERMITTENT LOCAL EXHAUST VENTILATION AIRFLOW RATES SHALL BE 50 CFM IN BATHROOMS AND 100 CFM IN KITCHENS. CONTINUOUS LOCAL EXHAUST VENTILATION AIRFLOW RATES SHALL BE 20 CFM IN BATHROOMS AND 5 AIR CHANGES PER HOUR IN KITCHENS BASED ON KITCHEN VOLUME.
7. WATER HEATER OR FURNACE SHALL BE A DIRECT-VENT APPLIANCE
8. LISTED GASKETED SELF CLOSING DOOR REQUIRED FOR GAS FAU

LIGHTING PLAN NOTES

1. ALL LUMINAIRES SHALL BE HIGH-EFFICACY IN ACCORDANCE WITH CBEES TABLE 150.0-A
2. ALL LED LUMINAIRES AND LAMPS SHALL BE MARKED "JAB-2016" AND LISTED IN THE CALIFORNIA ENERGY COMMISSION DATABASE AT [HTTPS://CAGERTAPLANCS.ENERGY.CA.GOV/PAGES/APPLIANCEENERGY.ASPX](https://cagertaplans.energy.ca.gov/pages/applianceenergy)
3. ALL RECESSED DOWNLIGHT AND ENCLOSED LUMINAIRES SHALL BE MARKED "JAB-2016-E" AND LISTED IN THE CALIFORNIA ENERGY COMMISSION DATABASE AT [HTTPS://CAGERTAPLANCS.ENERGY.CA.GOV/PAGES/APPLIANCEENERGY.ASPX](https://cagertaplans.energy.ca.gov/pages/applianceenergy)
4. RECESSED DOWNLIGHT LUMINAIRES IN CEILINGS SHALL NOT BE SCREW-BASED
5. BATHROOMS, GARAGES, LAUNDRY ROOMS, AND UTILITY ROOMS: AT LEAST ONE LUMINAIRE IN EACH SPACE SHALL BE CONTROLLED BY A VACANCY SENSOR
6. ALL LUMINAIRES REQUIRING "JAB-2016" OR "JAB-2016-E" MARKING SHALL BE CONTROLLED BY A DIMMER OR VACANCY SENSOR
EXCEPTION: CLOSETS LESS THAN 70 S.F. & HALLWAYS
7. OUTDOOR LIGHTING PERMANENTLY MOUNTED TO BUILDINGS SHALL BE CONTROLLED BY ONE OF THE FOLLOWING:
 - PHOTOCONTROL AND MOTION SENSOR
 - PHOTOCONTROL AND AUTOMATIC TIME-SWITCH CONTROL
 - ASTRONOMICAL TIME CLOCK
 - ENERGY MANAGEMENT CONTROL SYSTEM PER CBEES 150.0(K)3A.IIIC

SOLAR READY KEY NOTES

1. THE MAIN ELECTRICAL SERVICE PANEL SHALL NOT BE OF A TYPE WITH A CENTER-FED MAIN CIRCUIT BREAKER AND SHALL INCLUDE RESERVED SPACE ALLOWING FOR INSTALLATION OF DOUBLE-POLE CIRCUIT BREAKERS FOR A FUTURE SOLAR PHOTOVOLTAIC SYSTEM. SUCH RESERVED SPACE SHALL BE POSITIONED AT THE OPPOSITE (LOAD) END FROM THE INPUT FEEDER OR MAIN CIRCUIT BREAKER LOCATION. THE RESERVED SPACE SHALL BE PERMANENTLY AND VISIBLY MARKED AS "FOR FUTURE SOLAR PHOTOVOLTAIC"
2. APPROVED MINIMUM 4-INCH SQUARE ELECTRICAL JUNCTION BOX LOCATED WITHIN 72 INCHES HORIZONTALLY AND 12 INCHES VERTICAL OF MAIN ELECTRICAL SERVICE PANEL
3. MINIMUM 1 INCH DIAMETER LISTED ELECTRICAL METALLIC RACEWAY ORIGINATING AT READILY ACCESSIBLE ATTIC LOCATION WITH PROXIMITY TO SOLAR ZONE AREA AND TERMINATING AT THE REQUIRED ELECTRICAL JUNCTION BOX
4. MINIMUM 1 INCH DIAMETER LISTED ELECTRICAL METALLIC RACEWAY ORIGINATING AT THE REQUIRED ELECTRICAL JUNCTION BOX AND TERMINATING AT THE MAIN ELECTRICAL SERVICE PANEL
5. ELECTRICAL JUNCTION BOX AND SEGMENT OF METALLIC RACEWAY IN THE ATTIC SHALL BE PERMANENTLY AND VISIBLY MARKED AS "FOR FUTURE SOLAR PHOTOVOLTAIC"



ELECTRICAL LEGEND

⊖	DUPLEX OUTLET	⊙	HIGH EFFICACY RECESSED LIGHT
\$	WALL SWITCH	⬇	GARAGE DISPOSAL
\$ _{AD}	GARAGE DISPOSAL SWITCH		
\$ _{VS}	VACANCY SENSOR		
⊖	4" DIA. DRYER VENT		
⊖	SMOKE DETECTOR		
⊖	CARBON MONOXIDE ALARM		
⊖	FAN AND LIGHT COMBINATION		
⊖	HIGH EFFICACY LIGHT FIXTURE		

WALL LEGEND

XXXXXX	2X4 WALL
XXXXXX	2X6 WALL



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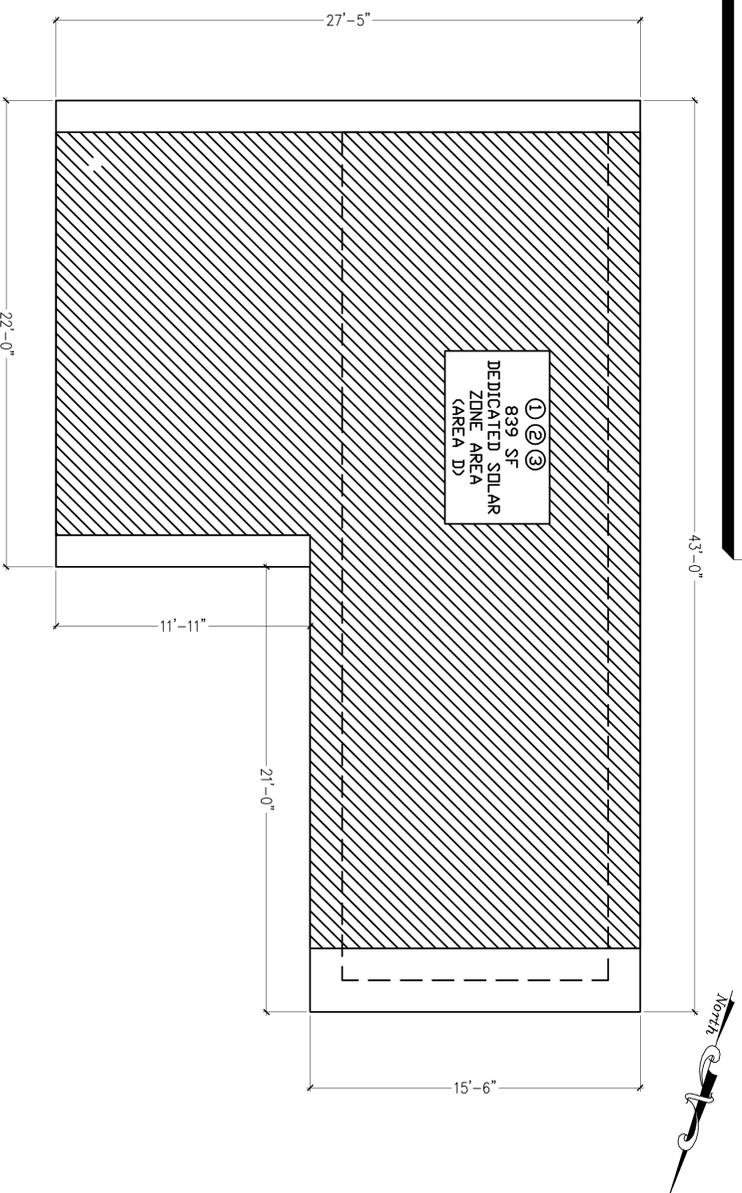
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ELECTRICAL PLANS

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PROJECT NO.	P011	
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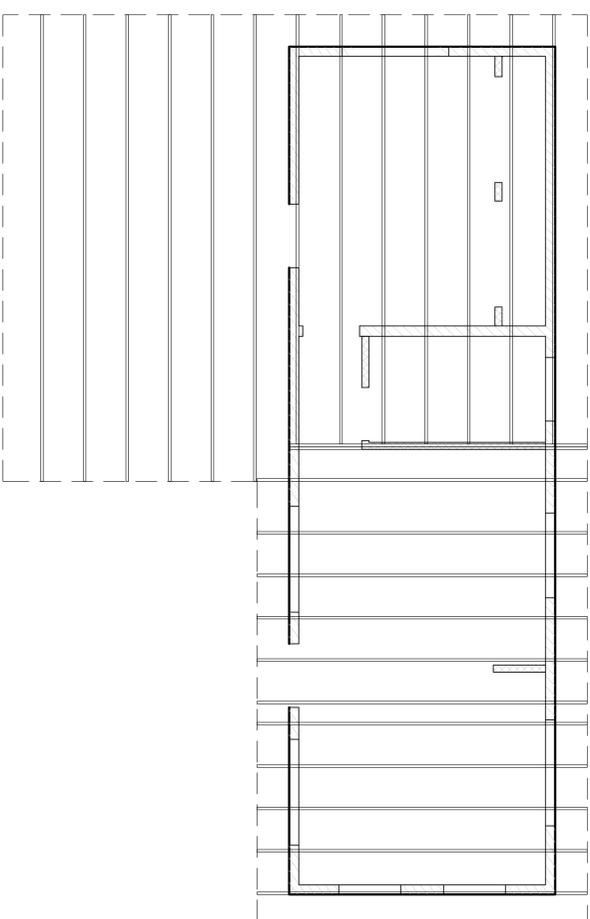
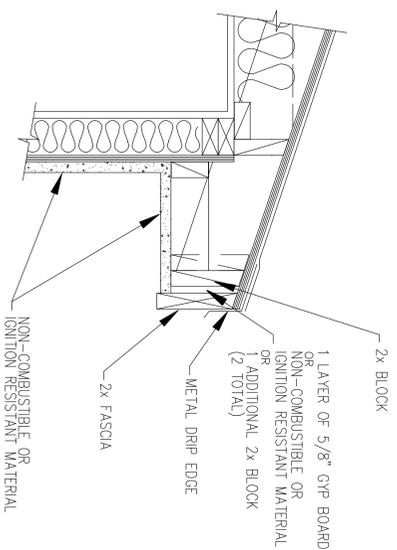
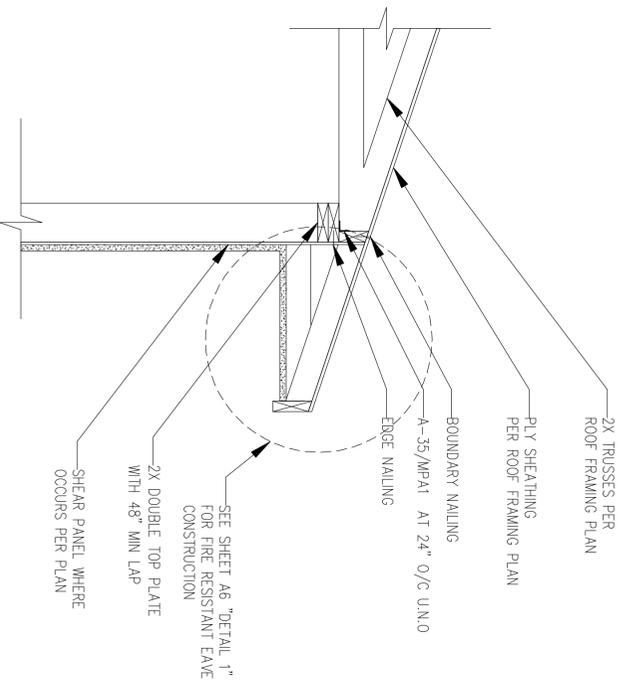
ATTIC VENTILATION REQUIRED

NET FREE CROSS VENTILATION AREA = $\frac{300}{300}$
 VENT AREA REQ'D = $800 \text{ ft}^2 / 300 = 2.66 \text{ ft}^2 \times 144 = 384 \text{ in}^2$
 CABLE END VENTS
 NFVA = 71 in^2
 QTY = 3 VENTS
 VENT AREA PROVIDED = $3 \times 71 \text{ in}^2 = 213 \text{ in}^2$
 EAVE VENTS
 NFVA: 23 in^2
 QTY = 10 VENTS
 VENT AREA PROVIDED = $8 \times 23 \text{ in}^2 = 230 \text{ in}^2$
 TOTAL VENT AREA PROVIDED
 (213 in^2) + (230 in^2) = $443 \text{ in}^2 > 384 \text{ in}^2$



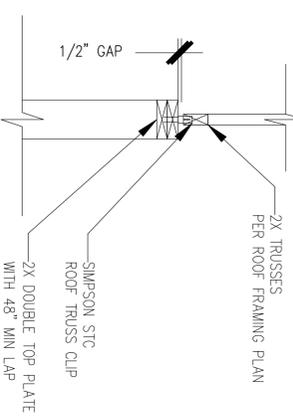
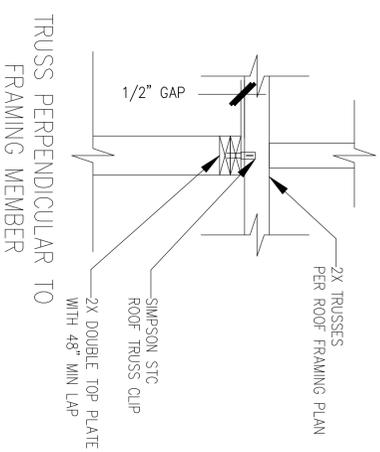
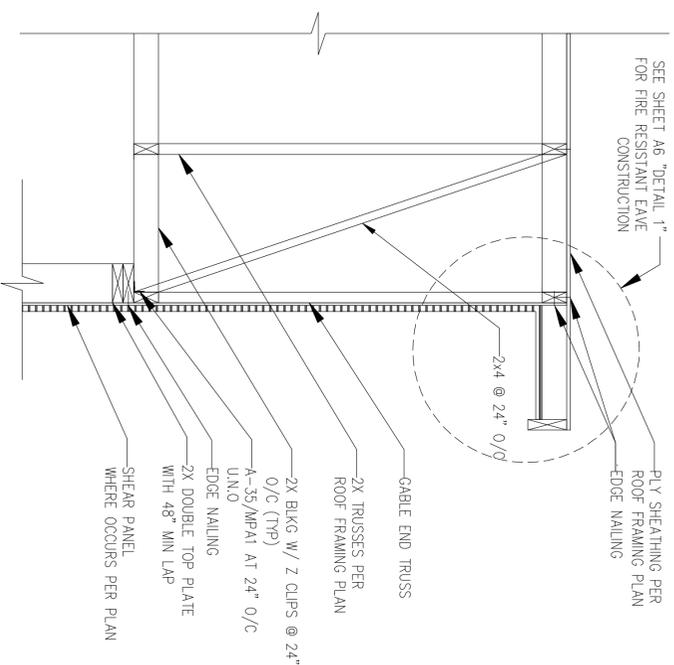
2 ROOF PLAN

1/4"=1'-0"



2 TRUSS LAYOUT

1/4"=1'-0"



SOLAR READY KEY NOTES

1. MIN 250 S.F. SOLAR ZONE AREA
2. DEDICATED SOLAR ZONE AREA LOCATED BETWEEN 110 AND 270 DEGREES OF TRUE NORTH - USE AREA A OR B AS NEEDED.
3. NO OBSTRUCTIONS - INCLUDING VENTS, CHIMNEYS, SKYLIGHTS, ARCHITECTURAL FEATURES, ROOF-MOUNTED EQUIPMENT - LOCATED WITHIN SOLAR ZONE.
4. 3" MIN FIRE FIGHTER ACCESS
5. 1'-6" SMOKE VENTILATION SETBACK AT RIDGES

ROOF PLAN & TRUSS LAYOUT & DETAILS

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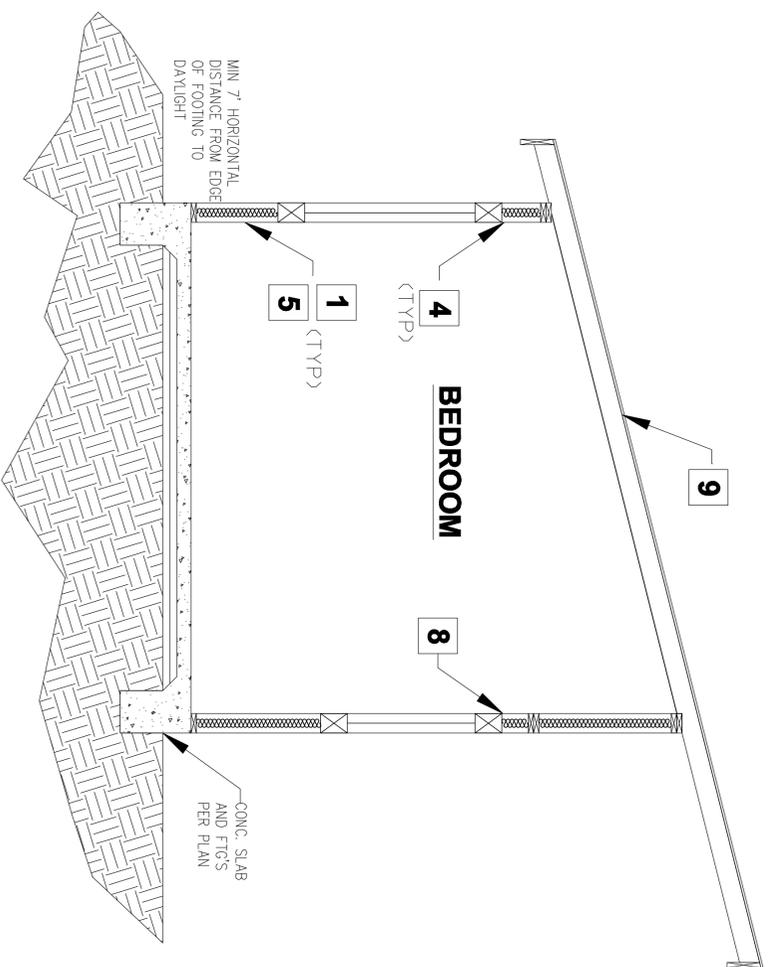


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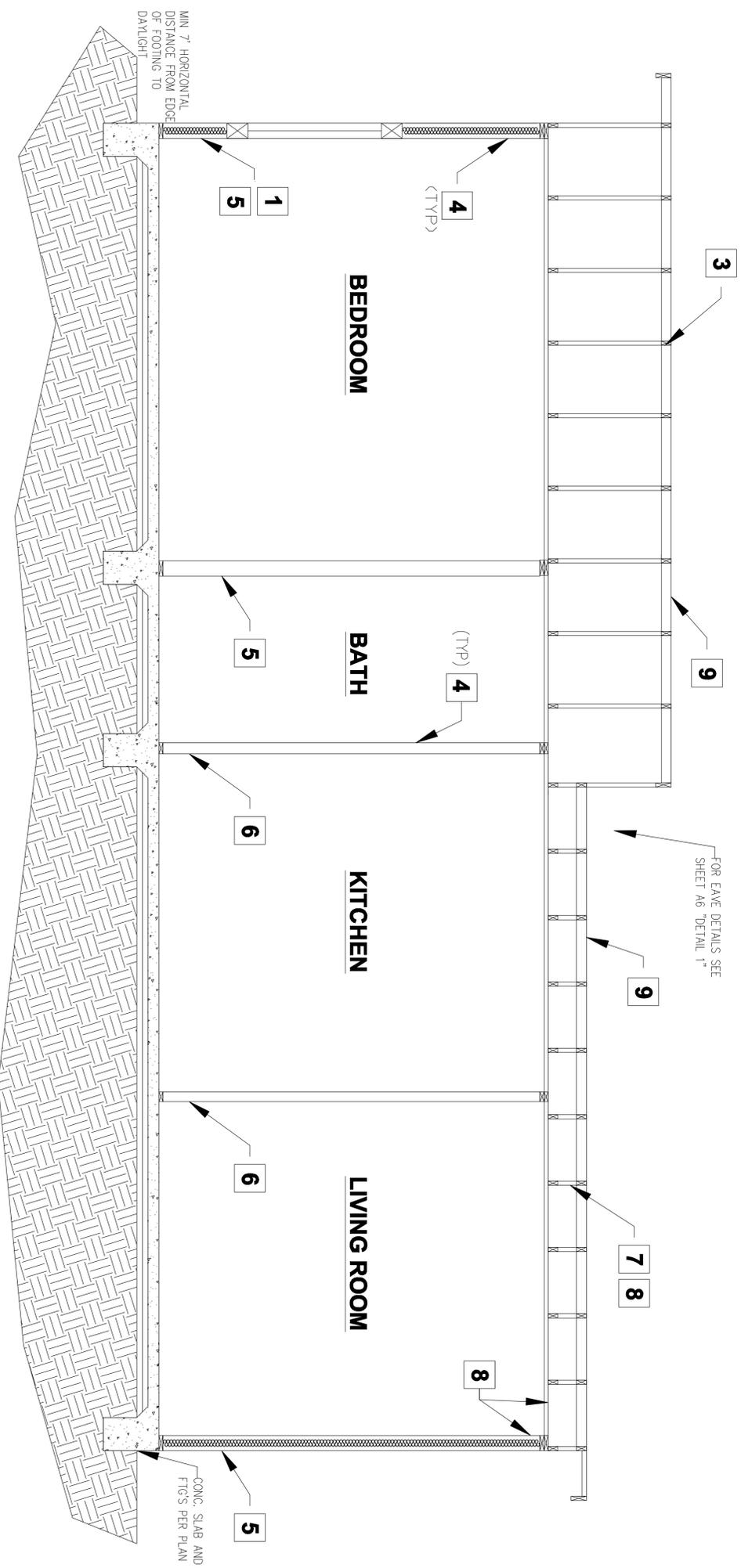


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P011
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5



5 SECTION A-A
1/2"=1'-0"



6 SECTION B-B
1/2"=1'-0"

SECTION KEY NOTE

1. WALL INSULATION: _____
2. CEILING INSULATION: _____
3. ROOF (TOP CHORD) INSULATION: _____
4. INTERIOR FINISH: 1/2" GYPSUM BOARD
5. EXTERIOR WALL/PLUMBING WALL: 2X6 STUD WALL
6. INTERIOR WALL: 2X4 STUD WALL
7. RADIANT BARRIER IS REQUIRED
8. CLIMATE ZONE 14 PROJECT (Y or N) if yes, see below:
A CLASS I OR II VAPOR RETARDER SHALL BE INSTALLED ON THE CONDITIONED SPACE SIDE OF ALL INSULATION IN ALL EXTERIOR WALLS AND VENTED ATTICS
9. MANUFACTURED TRUSSES

FOR EAVE DETAILS SEE SHEET A6 "DETAIL 1"

CONC. SLAB AND FTGS PER PLAN

MIN. 7' HORIZONTAL DISTANCE FROM EDGE OF FOOTING TO DAYLIGHT

SECTIONS

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SHEET NO. 6

