

# SHEET INDEX

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# GENERAL NOTES

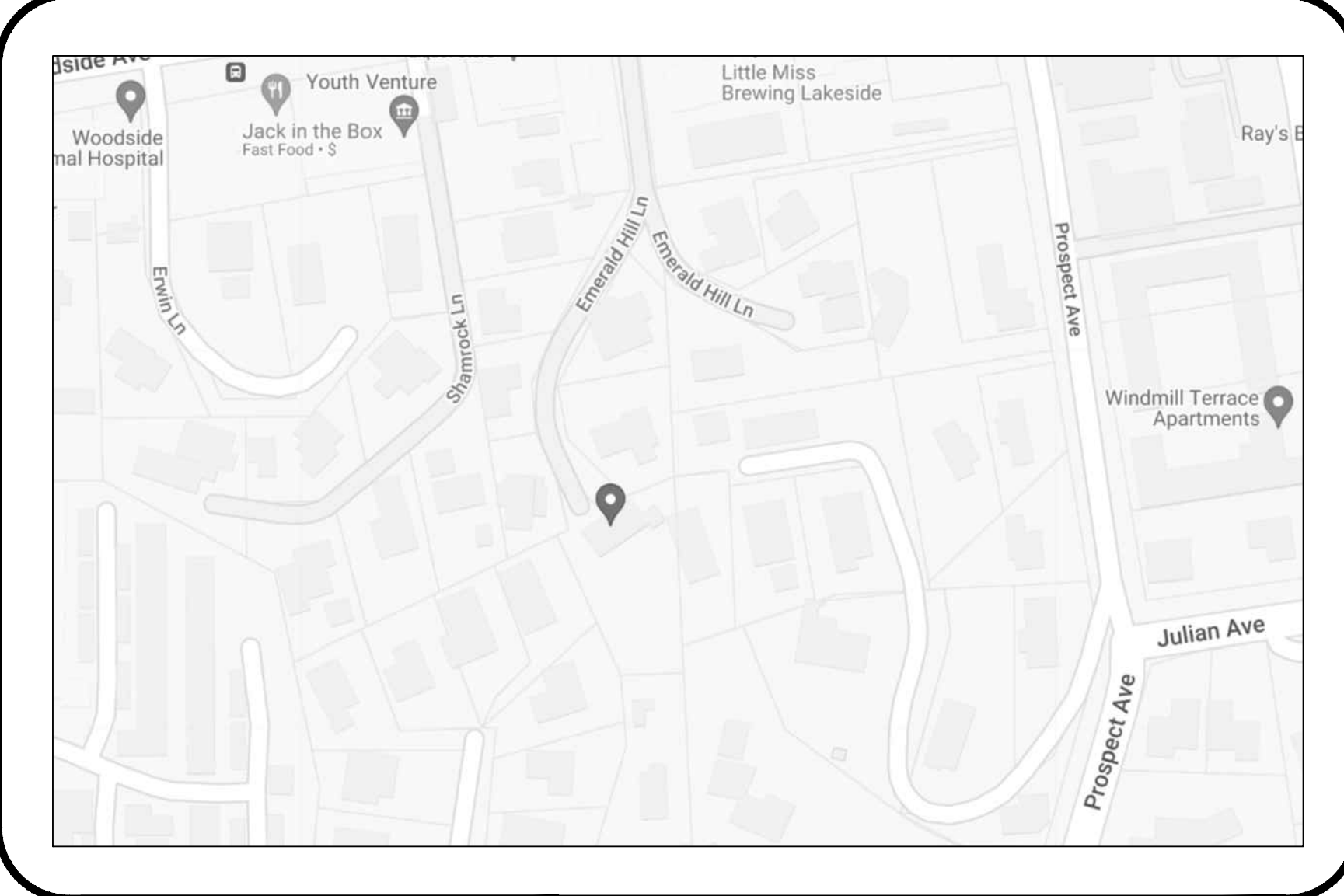
- ALL EXTERIOR DOORS TO BE WEATHER STRIPPED.
- ALL INTERIOR FINISHES, PAINT, WALL COVERING, WALL PANELING ETC. TO HAVE A MINIMUM FLAME SPREAD CLASSIFICATION OF 1 1/1, AS PER TABLE 8-A, 8-B OF UBC 804 CODE, LATEST EDITION.
- GUTTERS, DOWNSPOUTS AND FLASHING TO BE 027 GALVANIZED SHEET METAL.
- ALL WORK SHALL CONFORM TO:
  - 2019 CALIFORNIA RESIDENTIAL CODE
  - CALIFORNIA BUILDING CODE 2019 EDITION
  - CALIFORNIA MECHANICAL CODE 2019 EDITION
  - CALIFORNIA PLUMBING CODE 2019 EDITION
  - CALIFORNIA FIRE CODE 2019 EDITION
  - CALIFORNIA ELECTRICAL CODE 2019 EDITION
  - CALIFORNIA HISTORIC CODE 2019 EDITION
  - CALIFORNIA HISTORIC CODE 2019 EDITION
  - CALIFORNIA RESIDENTIAL CODE 2019 EDITION
  - CALIFORNIA GREEN BUILDING STANDARDS CODE 2019 EDITION
  - CALIFORNIA GREEN BUILDING STANDARDS CODE 2016 (CALGREEN)
  - SAN DIEGO BUILDING REGULATIONS 2016
- ONE WINDOW IN EACH SLEEPING ROOM SHALL PROVIDE A MIN OPERABLE AREA OF 5.7SF
- 1.6 GAL MAX PER FLUSH AT TOILETS; 2.5 GPM MAX AT SHOWER HEAD; 2.2 GPM AT LAVATORY.
- BATHROOM RECEPTACLE OUTLETS SHALL BE SUPPLIED BY AT LEAST ONE 20AMP CIRCUIT. SUCH CIRCUITS SHALL HAVE NO OTHER OUTLETS.
- PROVIDE 5/8" TYPE 'X' GYP BOARD AT ALL WALLS, CEILING, POST & BEAM AT GARAGE - TAPE

# PROJECT NOTES

- PROPOSED WORK:
- NEW 1ST AND SECOND FLOOR RESIDENCES: 839.91 SQ.FT. PER LEVEL LOT 2
- A. NOTES
- DURING CONSTRUCTION, AT LEAST ONE EXTINGUISHER SHALL BE PROVIDED ON EACH FLOOR LEVEL AT EACH STAIRWAY. IN ALL STORAGE AND CONSTRUCTION SHEDS, IN LOCATIONS WHERE FLAMMABLE OR COMBUSTIBLE LIQUIDS ARE STORED OR USED, AND WHERE OTHER SPECIAL HAZARDS ARE PRESENT PER CFC SECTION 215.1.
  - BUILDINGS UNDERGOING CONSTRUCTION, ALTERATION, OR DEMOLITION SHALL CONFORM TO CFC CHAPTER 33, WELDING, CUTTING, AND OTHER HOT WORK SHALL BE IN CONFORMANCE WITH CFC CHAPTER 35.
  - IN ACCORDANCE WITH CALIFORNIA BUILDING CODE 2021, THE EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT. EXIT DOORS SHALL NOT BE LOCKED, OR OTHERWISE RENDERED UNUSABLE. ALL LOCKING DEVICES SHALL BE OF AN APPROVED TYPE. EXCEPTION: KEY-LOCKING DEVICES MAY BE USED ON THE MAIN EXIT ONLY IF A DURABLE SIGN ON OR ADJACENT TO THE FRONT DOOR STATING "THIS DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS" THE SIGN SHALL BE IN LETTERS NOT LESS THAN ONE INCH HIGH ON A CONTRASTING BACKGROUND. THE LOCKING DEVICE MUST BE OF A TYPE THAT WILL BE READILY DISTINGUISHABLE AS LOCKED, NO THUMB TURN LATCH OR KEYS CYLINDERS/DEADLOCKS ARE ALLOWED ON ANY OTHER DOORS UNLESS OPERATED BY A SINGLE ACTION WITH A LEVER ACTION.
  - A "KNOX-BOX" KEY SECURITY LOCK BOX IS REQUIRED FOR THIS PROJECT. FORMS FOR THE BOX MAY BE OBTAINED FROM THE MONTEREY FIRE DEPARTMENT PRIOR TO FINAL OCCUPANCY SO THAT IT MAY BE INSTALLED IN TIME FOR FINAL INSPECTION OF THE COMPLEX. ALL BUILDINGS SHALL HAVE A PERMANENTLY POSTED ADDRESS, WHICH SHALL BE PLACED AT EACH DRIVEWAY ENTRANCE AND VISIBLE FROM BOTH DIRECTIONS OF TRAVEL ALONG THE ROAD. IN ALL CASES, THE ADDRESS SHALL BE POSTED AT THE BEGINNING OF CONSTRUCTION AND SHALL BE MAINTAINED THEREAFTER, AND THE ADDRESS SHALL BE VISIBLE AND LEGIBLE FROM THE ROAD ON WHICH THE ADDRESS IS LOCATED.
  - SIZE OF LETTERS, NUMBERS AND SYMBOLS FOR ADDRESSES SHALL BE A MINIMUM OF 3/4" INCH LETTER HEIGHT, 3/8" INCH STROKE, CONTRASTING WITH THE BACKGROUND COLOR OF THE SIGN. FIRE SPRINKLER REQUIREMENTS: THE RESIDENCES SHALL BE PROTECTED WITH AUTOMATIC FIRE SPRINKLER SYSTEMS. FIRE SPRINKLERS ARE REQUIRED IN ATTACHED GARAGES. INSTALLATION, APPROVAL, AND MAINTENANCE BE IN COMPLIANCE WITH APPLICABLE NATIONAL FIRE PROTECTION ASSOCIATION STANDARD 130 AND LOCAL AMENDMENTS, THE EDITIONS OF WHICH SHALL BE DETERMINED BY THE ENFORCING JURISDICTION. PLANS FOR FIRE SPRINKLER SYSTEMS MUST BE SUBMITTED AND APPROVED PRIOR TO INSTALLATION. ROUGH-IN INSPECTIONS MUST BE COMPLETED PRIOR TO REQUESTING A FRAMING INSPECTION FROM THE BUILDING INSPECTION DEPARTMENT.
  - ALARM LOW SWITCH: SHALL BE WIRED TO THE KITCHEN REFRIGERATOR CIRCUIT. ANY DEVIATIONS REQUIRE APPROVAL FROM THE FIRE DEPARTMENT.
- ADDRESS NUMBERS TO BE POSTED: BEFORE CONSTRUCTION BEGINS. TEMPORARY OR PERMANENT ADDRESS NUMBERS SHALL BE POSTED. PERMANENT ADDRESS NUMBERS SHALL BE POSTED PRIOR TO THE REQUEST FOR FINAL INSPECTION. ALL ADDRESS NUMBERS PERMANENT OR TEMPORARY SHALL BE POSTED ON THE PROPERTY SO AS TO BE CLEARLY VISIBLE FROM THE ROAD, WHERE VISIBILITY CAN NOT BE PROVIDED, A POST OR SIGN BEARING THE ADDRESS NUMBERS SHALL BE SET ADJACENT TO THE DRIVEWAY OR ACCESS ROAD TO THE PROPERTY. ADDRESS NUMBERS POSTED SHALL BE "ARABIC" (1,2,3, ETC.) NOT "ROMAN" (I,II,III, ETC.) OR WRITTEN OUT IN WORDS. ADDRESS NUMBERS POSTED SHALL BE A MINIMUM NUMBER HEIGHT OF 3 INCHES, 3/8" INCH WIDE STROKE, AND CONTRASTING WITH THE BACKGROUND COLORS OF THE SIGN. NOTE: IF THE NUMBERS ARE NOT POSTED, BUILDING INSPECTORS WILL NOT GRANT A FINAL INSPECTION.
- ROOFING GLASS ON OR BY REQUIREMENTS: ROOF CONSTRUCTION SHALL BE CLASS "II" OR CLASS "IF" BUILDUP, AS DEFINED BY UNIFORM BUILDING CODE STANDARD 15-2. THIS REQUIREMENT SHALL APPLY TO ALL NEW CONSTRUCTION AND WHEN 50 PERCENT OR MORE OF AN EXISTING ROOF IS REFINISHED WITHIN A ONE-YEAR PERIOD.
- CLEAR VEGETATION: ALL FLAMMABLE VEGETATION OTHER COMBUSTIBLE GROWTH SHALL AT ALL TIMES MAINTAIN CLEAR DISTANCE OF NOT LESS THAN 30 FEET ON EACH SIDE FROM STRUCTURES OR BUILDINGS. THIS SHALL NOT APPLY TO SINGLE SPECIMENS OF TREES, ORNAMENTAL SHRUBBERY OR SIMILAR PLANTS USED AS GROUND COVERS, PROVIDED THAT THEY DO NOT FORM A MEANS OF RAPIDLY TRANSMITTING FIRE FROM THE NATIVE GROWTH TO AN STRUCTURE. ADDITIONAL FIRE PROTECTION OR FIREBREAK MAY BE REQUIRED WHEN, BECAUSE OF EXTRA HAZARDOUS CONDITIONS, A FIREBREAK OF ONLY 30 FEET AROUND SUCH STRUCTURE IS NOT SUFFICIENT TO PROVIDE REASONABLE FIRE SAFETY. ENVIRONMENTALLY SENSITIVE AREA MAY REQUIRE ALTERNATIVE FIRE PROTECTION. TO BE DETERMINED BY THE FIRE CHIEF AND DIRECTOR OF PLANNING AND BUILDING. THIS PROJECT REQUIRES: \_\_\_\_\_ FEET CLEARANCE.
- ACCESS DRIVEWAYS GENERAL: ACCESS DRIVEWAYS SHALL BE ALL-WEATHER DRIVING SURFACE CAPABLE OF SUPPORTING FIRE APPARATUS (20 TON) NOT LESS THAN 12 WIDE OF UNOBSTRUCTED WIDTH, A MINIMUM OF 13" OR 10" VERTICAL CLEARANCE, AND A MAXIMUM 15% GRADE. ON DRIVEWAYS AND ACCESS ROADS HAVING A SLOPE OF 8% OR MORE THE FINISH SURFACE SHALL BE AIC PAVING OR CONCRETE. EXCEPTION: WHEN BUILDING ARE PROTECTED BY AN APPROVED AUTOMATIC FIRE SPRINKLER SYSTEM, THE PROVISIONS OF THIS SECTION MAY BE MODIFIED, SUBJECT TO THE APPROVAL OF THE LOCAL JURISDICTION.
- DRIVEWAY TURN-OUT REQUIRED: DRIVEWAYS SHALL NOT BE LESS THAN 12 FEET WIDE UNOBSTRUCTED. ALL DRIVEWAYS EXCEEDING 150 FEET IN LENGTH, BUT LESS THAN 400 FEET IN LENGTH, SHALL PROVIDE A TURNOUT NEAR THE MIDPOINT OF THE DRIVEWAY. WHERE THE DRIVEWAY EXCEEDS 400 FEET, TURNOUTS SHALL BE PROVIDED AT NO GREATER THAN 400 FOOT INTERVALS. (SEE EXAMPLE "A")
- ACCESS ROADWAYS TURN AROUND REQUIRED: ALL DEAD-END ACCESS ROADS IN EXCESS OF 150 FEET IN LENGTH SHALL BE PROVIDED WITH APPROVED PROVISIONS FOR THE TURNING AROUND OF THE FIRE APPARATUS. (SEE EXAMPLE "B")
- PRIVACY GATES: ELECTRIC GATES SHALL BE PROVIDED WITH A KEYS SWITCHED MEETING FIRE DEPARTMENT SPECIFICATIONS. MANUAL GATES SHALL BE PROVIDED WITH FIRE DEPARTMENT PADLOCKS MEETING FIRE DEPARTMENT SPECIFICATIONS. GATE ENTRANCES SHALL BE AT LEAST THE WIDTH OF THE TRAFFIC LANE, BUT IN CASE LESS THAN 12" WIDE UNOBSTRUCTED VERTICAL CLEARANCE SHALL NOT BE LESS THAN 10"
- BRIDGES: ALL NEW AND RECONSTRUCTED BRIDGES SHALL BE AT LEAST THE WIDTH OF THE EXISTING ROADBED AND BERMS BUT IN NO CASE LESS THAN 12 FEET WIDE. BRIDGE WIDTH ON ALL ROADS EXCEEDING TERTIARY STANDARDS SHALL NOT BE LESS THAN THE WIDTH OF TWO LANES WITH BRIDGES LESS THAN 1 ACRE, OR WHEN A 30 FOOT MINIMUM SETBACK CANNOT BE REACHED, ALTERNATE FUEL MODIFICATIONS STANDARDS MAY BE IMPOSED BY THE LOCAL FIRE JURISDICTION TO PROVIDE THE SAME PRACTICAL EFFECT
- MEASUREMENTS: ALL MEASUREMENTS PROVIDED BY OWNER

# CONDITIONS ADOPTED BY LOCAL GOVERNING AGENCIES.

# VICINITY MAP



# SYMBOLS

- WALL LINE NUMBERS VERTICAL LETTERS HORIZONTAL
- DOORS SYMBOL NUMBERS
- WINDOWS TYPE-NUMBERS
- DETAIL DETAIL IDENTIFICATION SHEET WHERE DETAIL IS DRAWN
- SECTION SECTION IDENTIFICATION SHEET WHERE SECTION IS DRAWN
- ELEVATION ELEVATION IDENTIFICATION SHEET WHERE ELEVATION IS DRAWN
- ROOM IDENTIFICATION ROOM NAME NUMBER
- REVISIONS-NUMBERS CLOUD AROUND REVISION OPTIONAL
- MATCH LINE SHADED PORTION IS THE SIDE CONSIDERED
- WORK POINT CONTROL OR DATUM POINT
- GRADE NEW OR FINISHED GRADE AT EXTERIOR FINISH FLOOR ELEVATION AT INTERIOR (EXISTING GRADE)
- SECURITY IDENTIFICATION
- PROPERTY LINE
- CENTER LINE
- F.O.S FACE OF STUD OR FINISHED
- FLOOR ELEVATION
- H-WALL HARDY WALL

# MATERIALS

- EARTH
- SAND, MORTAR, PLASTER
- ROCK FILL
- CONCRETE
- BRICK
- CONCRETE BLOCK
- METAL
- WOOD, FINISH
- WOOD FRAMING (THRU MEMBER)
- WOOD FRAMING (INTERRUPTED MEMBER)
- PLYWOOD
- GYPSTUM BOARD (OMIT DOUBLE)
- INSULATION, BATT
- INSULATION RIGID
- CERAMIC TILE TILE PROFILE ONLY SHOWN

# CONSULTANTS

- GENERAL CONTRACTOR: ADVANCED DEVELOPMENT
- ARCHITECT/DRAWER: ADVANCED DEVELOPMENT
- STRUCTURAL ENGINEER: PATTERSON ENGINEERING, INC.
- SURVEYOR: COFFEY ENGINEERING INC.
- MECHANICAL ENGINEER: MCPARLANE & ASSOCIATES / MBO, INC.

# PROJECT DIRECTORY

- GENERAL CONTRACTOR: ADVANCED DEVELOPMENT
- ARCHITECT/DRAWER: ADVANCED DEVELOPMENT
- STRUCTURAL ENGINEER: PATTERSON ENGINEERING, INC.
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# TITLE 24

- TITLE 24 ENERGY COMPLIANCE STANDARD DOCUMENTATION: MANDATORY MEASURES CHECKLIST MAY NOT APPLY TO ALL PROJECTS.
- MINIMUM R19 CEILING INSULATION.
  - LOOSE FILL INSULATION - MANUFACTURER'S LABELED R-VALUE.
  - MINIMUM R-13 WALL INSULATION IN FRAMED WALLS (DOES NOT APPLY TO EXTERIOR MASS WALLS).
  - MINIMUM R-13 RAISED FLOOR INSULATION IN FRAMED FLOORS. MINIMUM R-8 IN CONCRETE RAISED FLOORS.
  - S LAB EDGE: WATER ABSORPTION RATE NO GREATER THAN 0.3%; WATER VAPOR TRANSMISSION RATE NO GREATER THAN 2.0 PERM/INCH.
  - INSULATION SPECIFIED OR INSTALLED MEETS CALIFORNIA ENERGY COMMISSION QUALITY STANDARDS.
  - FENESTRATION PRODUCTS: EXTERIOR DOORS AND INFILTRATION/ EXFILTRATION CONTROLS: -DOORS AND WINDOWS BETWEEN CONDITIONED AND UNCONDITIONED SPACES DESIGNED TO LIMIT AIR LEAKAGE. -MANUFACTURED FENESTRATION PRODUCTS HAVE LABEL WITH CERTIFIED U-VALUE, AND INFILTRATION CERTIFICATE. -EXTERIOR DOORS AND WINDOWS WEATHER STRIPPED; ALL JOINTS AND PENETRATIONS CAULKED AND SEALED.
  - VAPOR BARRIERS MANDATORY IN CLIMATE ZONES 14 AND 16 ONLY.
  - SPECIAL INFILTRATION BARRIER INSTALLED TO COMPLY WITH #151 MEETS COMMISSION QUALITY STANDARDS.
  - INSTALLATION OF FIREPLACES, DECORATIVE GAS APPLIANCES AND GAS LOGS: MASONRY AND FACTORY-BUILT FIREPLACES HAVE: -CLOSEABLE METAL OR GLASS DOOR -OUTSIDE AIR INTAKE WITH DAMPER CONTROL -FLUE DAMPER AND CONTROL NO CONTINUOUS BURNING GAS PILOTS ALLOWED
  - HVAC EQUIPMENT, WATER HEATERS, SHOWERHEADS AND FAUCETS CERTIFIED BY COMMISSION.
  - SETBACK THERMOSTAT ON ALL APPLICABLE HEATING SYSTEMS.
  - PIPE AND TANK INSULATION -INDIRECT HOT WATER TANKS (E.G. UNFIRED STORAGE TANKS, OR BACKUP SOLAR HOT WATER TANKS) HAVE INSULATION (R-12 OR GREATER) OR COMBINED INTERIOR/EXTERIOR INSULATION OF R-16 OR GREATER. -FIRST 5' OF PIPES CLOSEST TO WATER HEATER TANK, NON-RECIRCULATING SYSTEMS, INSULATED WITH R-4 OR GREATER. -ALL BURIED OR EXPOSED PIPING INSULATED IN RECIRCULATING SECTIONS OF HOT WATER SYSTEM. -COOLING SYSTEM PIPING BELOW 55 DEGREES F TO BE INSULATED. -PIPING INSULATED BETWEEN HEATING SOURCE AND HOT WATER TANK.
  - DUCTS CONSTRUCTED, INSTALLED AND SEALED TO COMPLY WITH UMC SECTIONS 1002 AND 1004; DUCTS INSULATED TO A MINIMUM INSTALLED VALUE OF R-4.2 OR DUCTS ENCLOSED ENTIRELY WITHIN CONDITIONED SPACE.
  - EXHAUST FAN SYSTEMS HAVE BACKDRAFT OR AUTOMATIC DAMPERS.
  - GRAVITY VENTILATING SYSTEMS SERVING CONDITIONED SPACE HAVE EITHER AUTOMATIC OR READILY ACCESSIBLE MANUALLY OPERATED DOORS.
  - GAS FIRED CENTRAL FURNACE, POOL HEATER, SPA HEATER OR HOUSEHOLD COOKING APPLIANCE HAVE NO CONTINUOUSLY BURNING PILOT LIGHT. (EXCEPTION; NON-ELECTRICAL COOKING APPLIANCE WITH PILOT <150 BTU/HR.)
  - LIGHTING MEASURES: 40 LUMENS/WATT OR GREATER FOR GENERAL LIGHTING IN KITCHENS AND ROOMS WITH WATER CLOSETS; RECESSED CEILING FIXTURES IC (INSULATION COVER) APPROVED.

# PROJECT DATA

- PROJECT OWNER: CHRISTINA WILLIAMS  
ADDRESS: 9715 EMERALD HILL LN, LAKESIDE, CA 92040  
1964
- YEAR BUILT: 1964  
EMPLOYEE COUNT: R-3  
OCCUPANCY GROUP (EXISTING): R-3  
OCCUPANCY GROUP (PROPOSED): RESIDENTIAL REMODEL  
PROJECT DESCRIPTION: 394-530-18-00  
A.P.N.: RM-1-1  
ZONING: V-B NON-SPRINKLERED  
TYPE OF CONSTRUCTION (EXISTING): V-B NON-SPRINKLERED  
TYPE OF CONSTRUCTION (EXISTING): V-B NON-SPRINKLERED  
LOT NUMBER: 2  
ZONING ORDINANCE: SAN DIEGO COUNTY
- EXISTING AREA CALCULATIONS:**  
EXISTING LOT SIZE: 23086.8 SQ.FT.  
EXISTING RESIDENCE TOTAL AREA: 2625.0 SQ.FT.  
EXISTING RESIDENCE AREA 1ST LEVEL: 00 SQ.FT.  
EXISTING RESIDENCE AREA MAIN LEVEL: 00 SQ.FT.  
EXISTING GARAGE AREA SECOND LEVEL: SQ.FT.  
EXISTING DECKING: SQ.FT.  
EXISTING DECKING (COVERED): SQ.FT.  
EXISTING OUTBUILDINGS: SQ.FT.  
EXISTING LANDSCAPING: SQ.FT.  
EXISTING F.A.R.: 43% OF MAX FAR (IN SQ. FT.): .17  
LOT COVERAGE: 2

- EXISTING WALL CALCULATIONS:**  
EXISTING EXTERIOR WALLS LENGTHS IN LINEAR FEET:
- EXISTING CONCRETE CALCULATIONS:**  
CONCRETE DRIVEWAY: 1250.65 SQ.FT.  
CONCRETE WALKWAY: 1250.65 SQ.FT.
- PROPOSED AREA CALCULATIONS:**  
PROPOSED AREA FIRST LEVEL: 1250.65 SQ.FT.  
PROPOSED AREA MAIN LEVEL: 1250.65 SQ.FT.  
PROPOSED AREA SECOND LEVEL:  
PROPOSED AREA OF REMODEL:  
PROPOSED GARAGE:  
PROPOSED 1ST FLOOR PORCH (UNDER 2ND FLOOR DECK):  
PROPOSED 2ND FLOOR DECKING:  
PROPOSED FENCING:  
PROPOSED OUTBUILDINGS, LAUNDRY:  
PROPOSED F.A.R. MAX - FAR CALCULATION (IN SQ. FT.):  
PROPOSED LOT COVERAGE:

- PROPOSED WALL CALCULATIONS:**  
PROPOSED WALLS LENGTHS IN LINEAR FEET:
- PROPOSED CONCRETE CALCULATIONS:**  
CONCRETE PATIO: NA  
CONCRETE WALKWAY: NA  
CONCRETE DRIVEWAY: NA  
PARKING: NA  
TREE REMOVAL: NA

# ABBREVIATIONS

- @ at
- L angle
- centerline
- channel
- FUT future
- # number
- pl penny
- pl perpendicular
- PL plate
- property line
- round
- ACC access
- ACR acoustic panel
- AC acoustic
- ACT acoustic tile
- ACR acrylic plastic
- ADJ adjacent
- ADH adhesive
- ADJ adjustable
- AGG aggregate
- AGC air conditioning
- ALT alternate
- AL aluminum
- AB anchor bolt
- ANOD anodized
- AD area drain
- ARCH architectural
- ASB asbestos
- ASPH asphalt
- AT asphalt tile
- AUTO automatic
- BSMT basement
- BRG bearing
- BSM bearing plate
- BM bench mark
- BL between
- BVL bituminous
- BLK block
- BLKG blocking
- BO board
- BOT bottom
- BRK brick
- CB cabinet
- BUR built up roofing
- BBD bulletin board
- CAB cabinet
- CC carpet (ed)
- CSMT casement
- CI cast iron
- CIP/C cast-in-place concrete
- CB catch basin
- CK caulk(mg)
- CLC ceiling
- CEM cement
- CEM cement plaster (portland)
- CEP ceramic
- CT ceramic tile
- CHBD chalkboard
- CHM chandelier
- CR crane
- CLR clear(ance)
- CS closure
- COL column
- COMB combination
- COMB compartment
- COMPO composition (site)
- CONC concrete
- CMU concrete masonry unit
- CONN connection
- CON construction
- CONT continuous or continue
- CONTR contractor
- CLL contract limit line
- CJT control unit
- CR corrugated
- CTF cut to fit
- CTR counter
- CFL counterflashing
- CS countersink
- CRS countersunk screw
- CRS course(s)
- DPR damper
- DL dead load
- DEM demolish, demolition
- DEF depressed
- DIA diagonal
- DIA dimension
- DISP dispenser
- OPF opposite
- DR door
- OH double hung
- DTA dovetail anchor
- DTS dovetail anchor slot
- DS downspout
- D drain
- PNT paint (ed)
- PB panel
- PNB panel
- PAR parking
- PTN partition
- PERF perforate(d)
- PERF perforator
- PLAS plastic laminate
- PL plate
- PG plate glass
- PLY plywood
- PT point
- PVC polyvinyl chloride
- PSF pounds per square foot
- PSI pounds per square inch
- PCP precast concrete
- PBF prefabricate(d)
- PSC pre stressed concrete
- QR quarry tile
- RAD radius
- REF reference
- RFL reflect (ed), (ing)
- REFR refrigerator
- REG register
- REIN reinforce (d), (ing)
- RCF reinforced concrete pipe
- REM remove
- RESIL resilient
- RET return
- RA return air
- REV revision(s), revise(d)
- RH right hand
- R riser
- RD roof drain
- RFR roof hatch
- FRG roofing
- RM room
- RO rough opening
- SFG safety glass
- SCH schedule
- STG seating
- SECT section
- SFL save for future
- SSK service sink
- SHTH sheathing
- SHT sheet
- FLO floor cleat
- SI similar
- SKL skylight
- SL sleeve
- SC solid core
- SD slope to drain
- SP soundproof
- FR frame(d), (ing)
- FR flash air
- FS full size
- FBO furnished by others
- FUT future
- channel
- GA gauge
- GALV galvanized
- GI galvanized iron
- GP galvanized pipe
- GSS galvanized steel sheet
- GKT gasket (ed)
- GC general contractor
- GL glass (ing)
- GB grab bar
- GD grade, grading
- GVL gravel
- GPPL gypsum plaster
- HW handhole
- HBD hardware
- HDW hardware
- HJT heat joint
- HR header
- HTG heating
- HVAC heating/ventilating/air conditioning
- HGT height
- HX hexagonal
- HC hollow core
- HM hollow metal
- HK hook(s)
- HORIZ horizontal
- HS hose bibb
- HWHT hot water heater
- INCL include(d), (ing)
- ID inside diameter
- INT interior
- INTM intermediate
- INVERT invert
- IPS iron pipe size
- JT joint
- JF joint filler
- J joint
- KCPL Keene's cement plaster
- KPL kickplate
- KIT kitchen
- KO knockout
- LBL label
- LAB laboratory
- LD ladder
- LB lag bolt
- LAM laminate(d)
- LAV lavatory
- LH left hand
- L length
- LI light
- LW lightweight
- LWC lightweight concrete
- LTL live load
- LVR lower
- LPT low point
- MB machine bolt
- MAN manhole
- MFR manufacturer()
- MAS masonry
- MO masonry opening
- MTL material(s)
- MAX maximum
- MECH mechanic(al)
- MC medicine cabinet
- MED medium
- MET metal
- MIN minimum
- MIR mirror
- MISC miscellaneous
- MCD modular
- MUL mulch
- MTD mount (ed), (ing)
- MOV movable
- MULL mullion
- NAT natural
- NR noise reduction
- NRC noise reduction coefficient
- NOM nominal
- NSI not in contract
- NTS not to scale
- OBS obscure
- CC on center(s)
- OPG opening
- OPF opposite
- OH opposite hand
- OD outside diameter
- OA oval
- OH overhead
- PNT paint (ed)
- PB panel
- PNB panel
- PAR parking
- PTN partition
- PERF perforate(d)
- PERF perforator
- PLAS plastic laminate
- PL plate
- PG plate glass
- PLY plywood
- PT point
- PVC polyvinyl chloride
- PSF pounds per square foot
- PSI pounds per square inch
- PCP precast concrete
- PBF prefabricate(d)
- PSC pre stressed concrete
- QR quarry tile
- RAD radius
- REF reference
- RFL reflect (ed), (ing)
- REFR refrigerator
- REG register
- REIN reinforce (d), (ing)
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- RET return
- RA return air
- REV revision(s), revise(d)
- RH right hand
- R riser
- RD roof drain
- RFR roof hatch
- FRG roofing
- RM room
- RO rough opening
- SFG safety glass
- SCH schedule
- STG seating
- SECT section
- SFL save for future
- SSK service sink
- SHTH sheathing
- SHT sheet
- FLO floor cleat
- SI similar
- SKL skylight
- SL sleeve
- SC solid core
- SD slope to drain
- SP soundproof
- FR frame(d), (ing)
- FR flash air
- FS full size
- SST stainless steel
- STD standard
- STL steel
- STOR storage
- SD storm drain
- STR structural
- SUSP suspended
- SYM symmetrical
- T&D tongue and groove
- TKBD taskboard
- TEL telephone
- TV television
- THE thick(ness)
- TPTN toilet partition
- T&G tongue and groove
- TSL top of slab
- TST top of steel
- TW top of wall
- T tread
- TYP typical
- TP toilet paper dispenser
- UNF unfinished
- UNO unless noted otherwise
- VJ v-joint(ed)
- VW vapor barrier
- VAS vapor barrier
- VERT vertical
- VG vertical grain
- VAT vinyl asbestos tile
- VIF verify in field
- WC water closet
- WP waterproofing
- WR water repellent
- WS water stop
- WF welded wire fabric
- W width, wide
- WIN window
- WG wired glass
- WM wire mesh
- WO without
- WD wood

APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

PROPOSED ADU FOR  
CHRISTINA WILLIAMS  
9715 EMERALD HILL LN,  
LAKESIDE, CA 92040  
(APN): 394-530-18-00

# COVER SHEET

CLIENT REVIEW	2/30/2022
A.P.N.	
PLAN CHECK	
CONNECTIONS	
PERMIT	

Project: 39453018  
Date: 02/2022  
Scale: \_\_\_\_\_

Sheet: \_\_\_\_\_

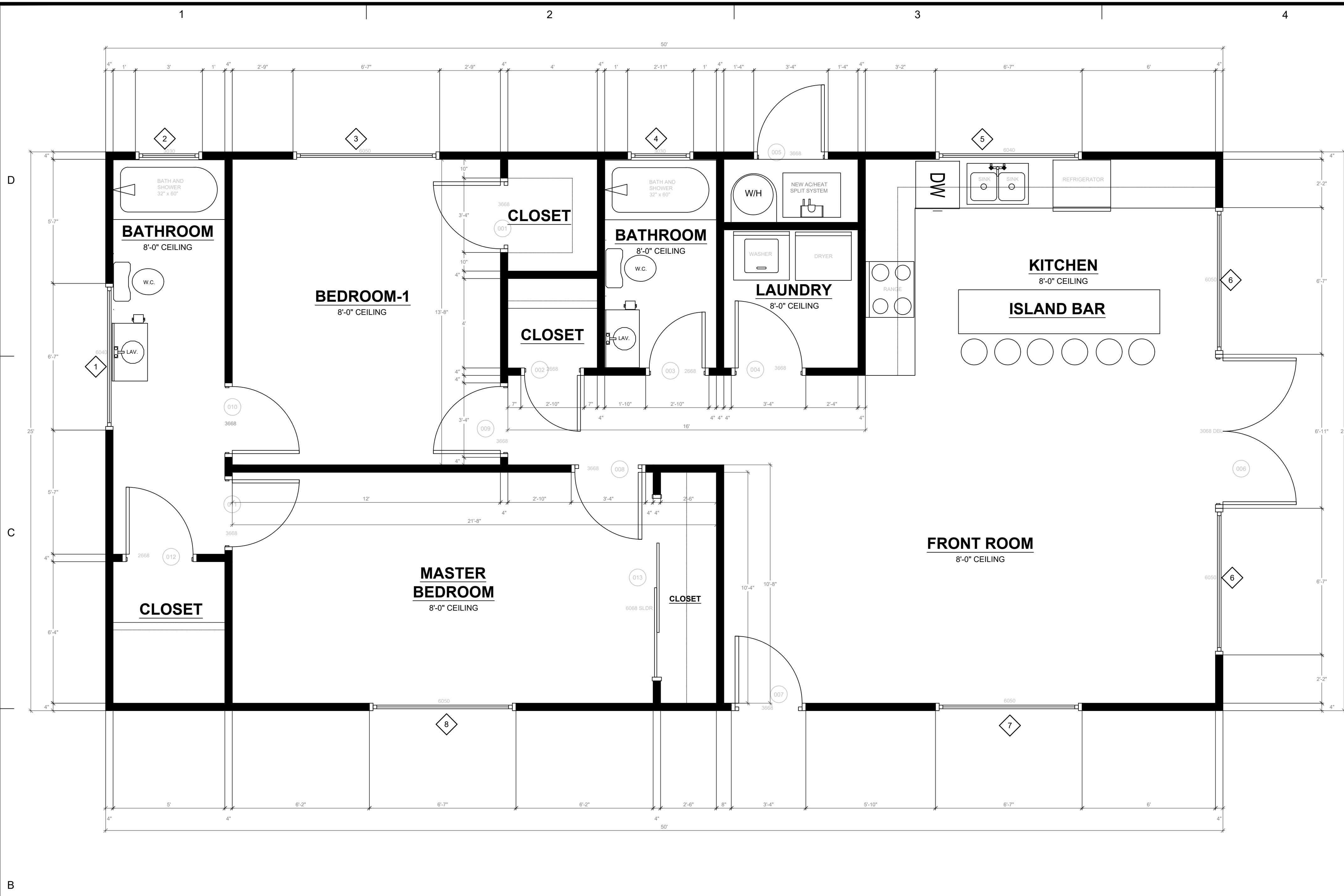
GO

7877 GIRARD AVE. SUITE 106  
LA JOLLA, CA 92037  
(619) 361-0983  
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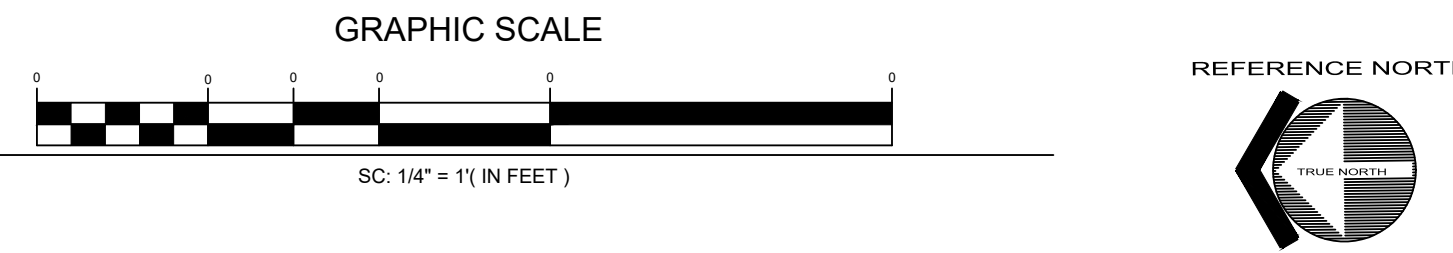
License# 905815







# FIRST LEVEL-FLOOR/DIMENSION PLANS



WINDOW SCHEDULE				
MARK	DIMENSION	TYPE	TEMPERED	NOTES
1	6'-0" x 4'-0"	PICTURE		
2	3'-0" x 3'-0"	PICTURE	Y	
3	6'-0" x 5'-0"	PICTURE		
4	3'-0" x 3'-0"	PICTURE	Y	
5	6'-0" x 4'-0"	PICTURE		
6-8	6'-0" x 6'-0"	PICTURE		

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

A. MULTI-PANE GLAZING WITH A 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/WDMA/CSA 101/I.S.2/A40

B. MINIMUM 20-MIN FIRE-RESISTANCE-RATED.

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

DOOR SCHEDULE				
MARK	DIMENSION	TYPE	TEMPERED	NOTES
①	3'-0" x 6'-8"	SWINGING		1-3/8" SOLID CORE
②	4'-0" x 6'-8"	BI-FOLD		4FT CLOSET
③	6'-0" x 6'-8"	BI-FOLD		6FT CLOSET
④	3'-0" x 6'-8"	POCKET	Y	BATHROOM
⑤	3'-0" x 6'-8"	POCKET	Y	BATHROOM
⑥				

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

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

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

## 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)
  - 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 2.1% SLOPE IN ALL DIRECTIONS OF ROLL-IN SHOWER FLOORS
- MAXIMUM 3/4" 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

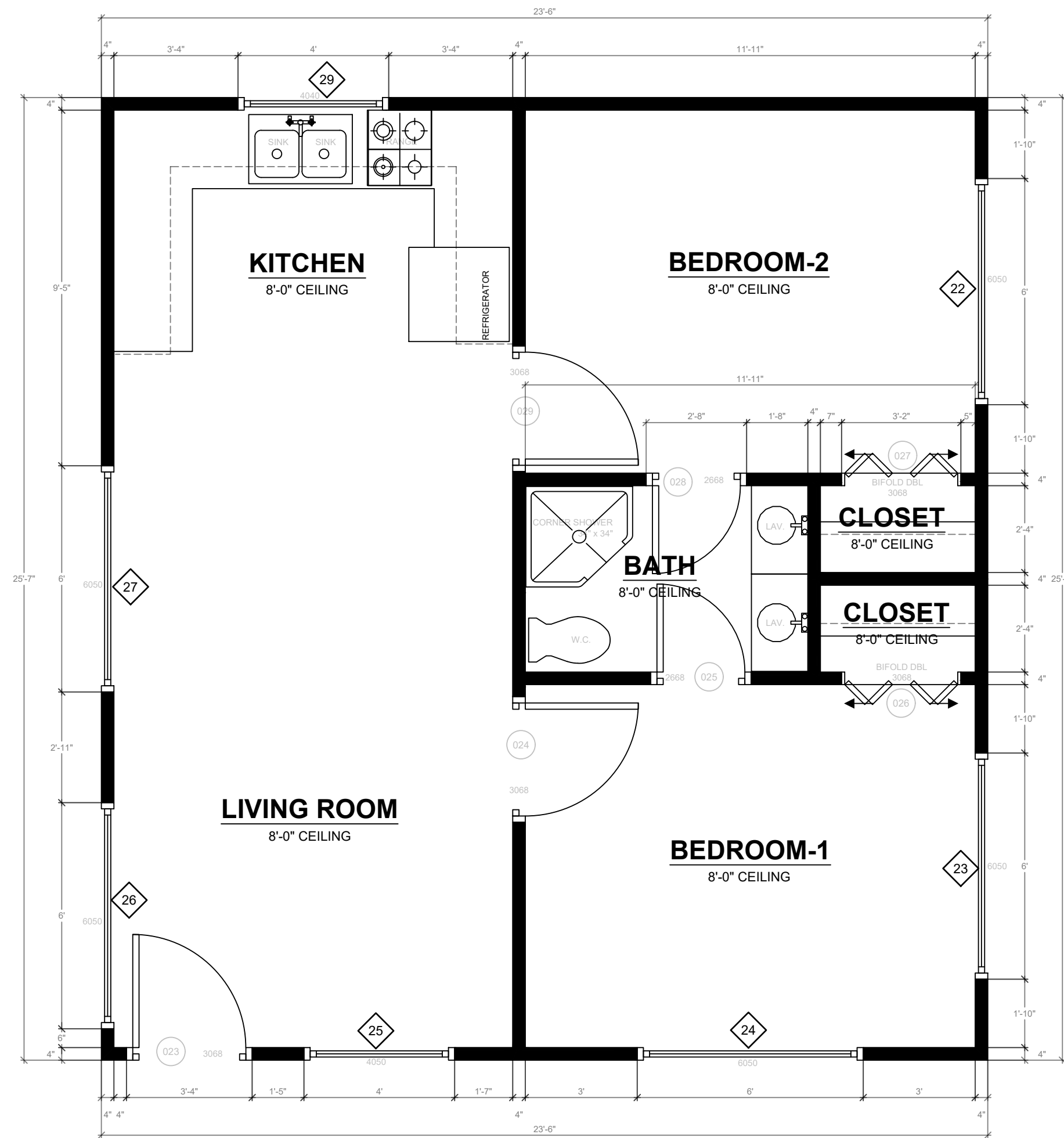
**PROPOSED ADU FOR CHRISTINA WILLIAMS**  
**9715 EMERALD HILL LN,**  
**LAKEVILLE, CA 92040**  
**(APN): 394-530-18-00**

### REVISIONS

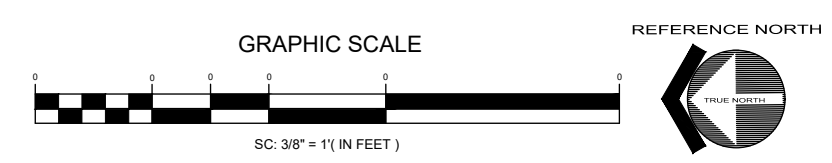
No.	Revision/Issue	Date
1	CLIENT REVIEW	2/30/2022
2	APP.	
3	PLAN CHECK	
4	CORRECTIONS	
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6		

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 WEBSITE: WWW.ADVANCEDDEVELOPMENT.NET  
 License# 905815

Project	39453018	Sheet	<b>A1</b>
Date	02/2022		
Scale			



**PHASE 3 PROPOSED JADU - FLOOR/DIMENSION PLANS**



WINDOW SCHEDULE				
MARK	DIMENSION	TYPE	TEMPERED	NOTES
1	6'-0" x 4'-0"	PICTURE		
2	3'-0" x 3'-0"	PICTURE	Y	
3	6'-0" x 5'-0"	PICTURE		
4	3'-0" x 3'-0"	PICTURE	Y	
5	6'-0" x 4'-0"	PICTURE		
6-8	6'-0" x 6'-0"	PICTURE		

DOOR SCHEDULE				
MARK	DIMENSION	TYPE	TEMPERED	NOTES
①	3'-0" x 6'-8"	SWINGING		1-3/8" SOLID CORE
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B. MINIMUM 20-MIN FIRE-RESISTANCE-RATED.

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

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

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

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**FLOOR PLAN NOTES**

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 (APN): 394-530-18-00**

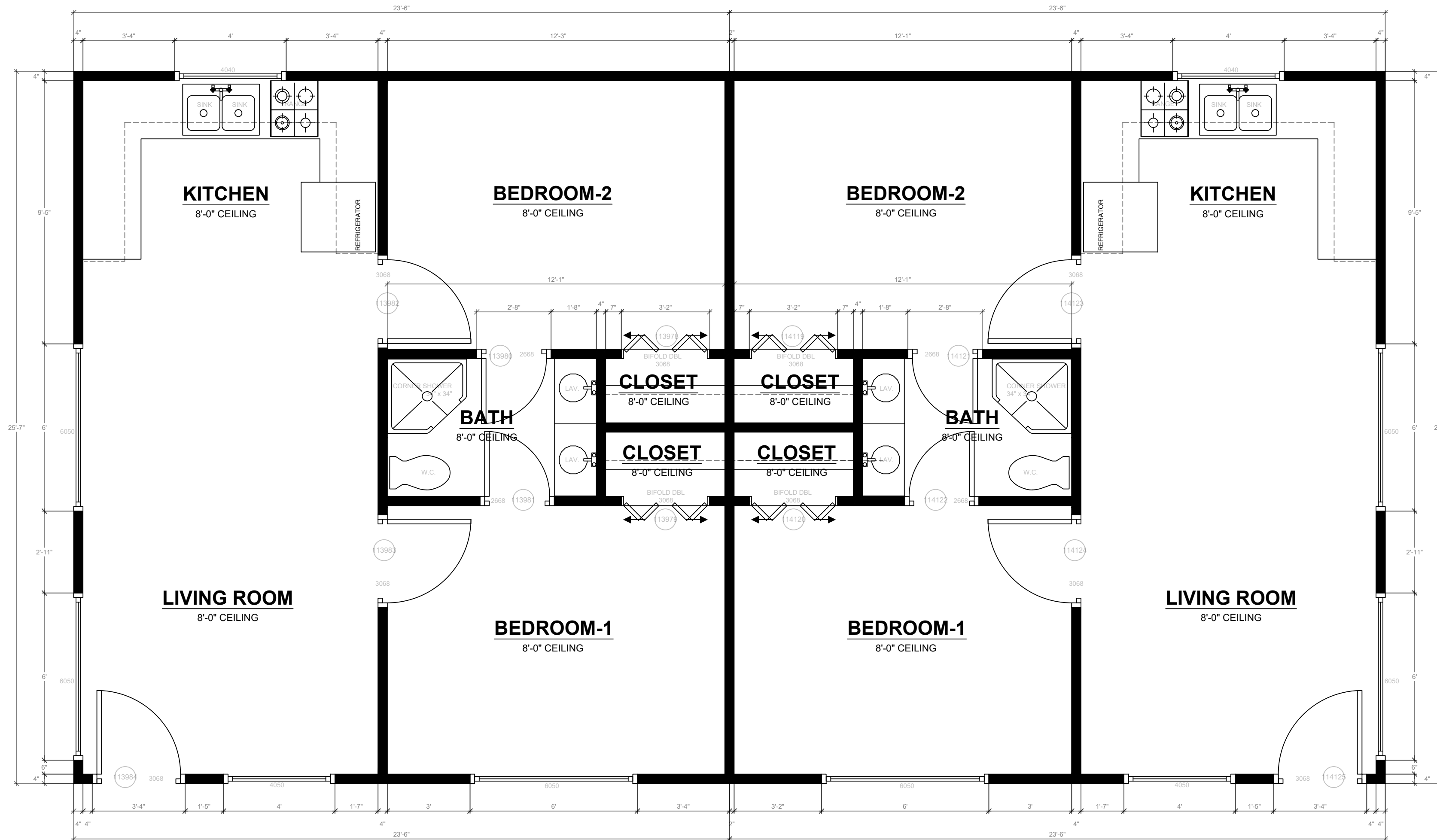
SHEET TITLE		
FLOOR PLAN		
CLIENT REVIEW	2/30/2022	
APP.		
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PERMIT		
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**ADVANCED DEVELOPMENT**  
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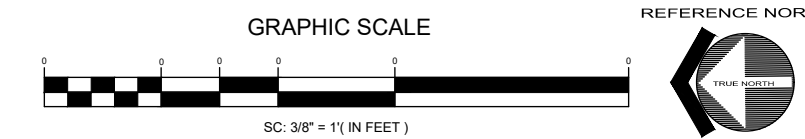
7877 GRAND AVE SUITE 106  
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License# 906815

Project	39453018	Sheet	<b>A1.2</b>
Date	02/2022		
Scale			



## PHASE 3 PROPOSED ADU -FLOOR/DIMENSION PLANS



WINDOW SCHEDULE				
MARK	DIMENSION	TYPE	TEMPERED	NOTES
1	6'-0" x 4'-0"	PICTURE		
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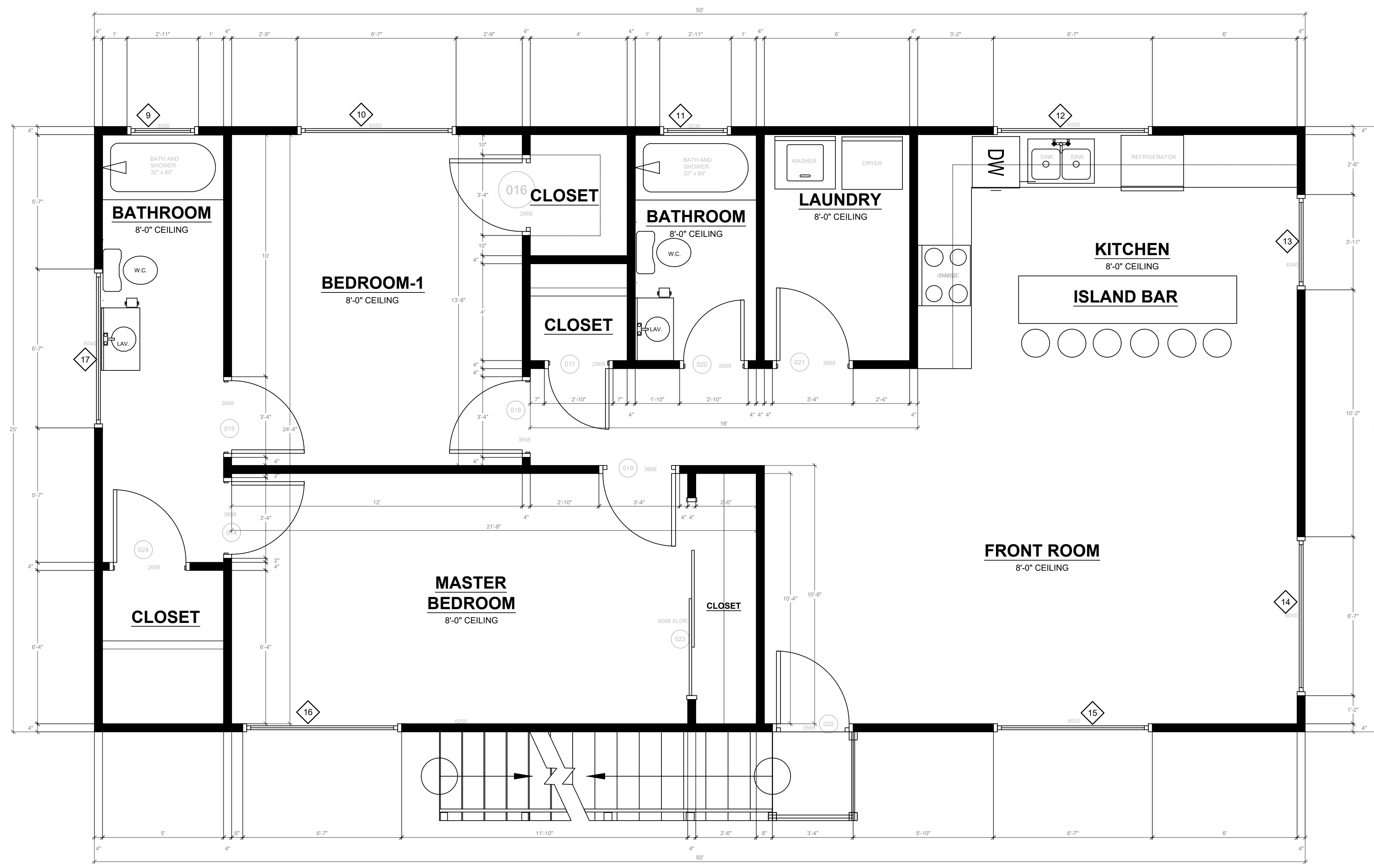
**PROPOSED ADU FOR  
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LAKESIDE, CA 92040  
(APN): 394-530-18-00**

### CLIENT REVIEW

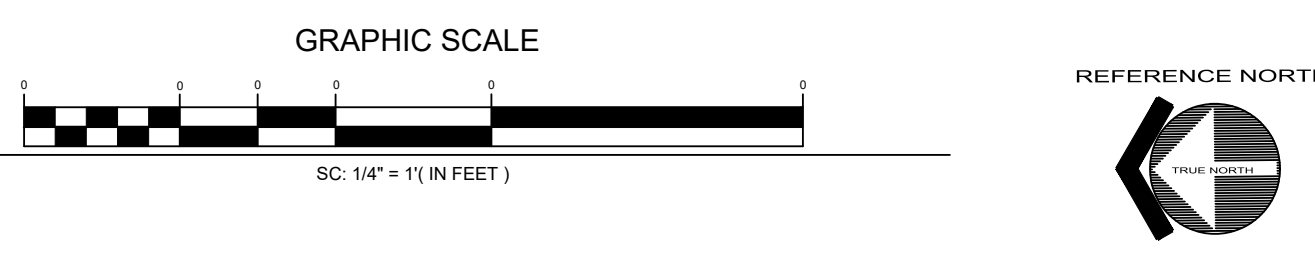
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2	APP.	
3	PLAN CHECK	
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**ADVANCED DEVELOPMENT**  
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 License# 906815

Project	39453018	Sheet	<b>A1.2</b>
Date	02/2022		
Scale			



# MAIN LEVEL-FLOOR/DIMENSION PLANS



WINDOW SCHEDULE				
MARK	DIMENSION	TYPE	TEMPERED	NOTES
1	6'-0" x 4'-0"	PICTURE		
2	3'-0" x 3'-0"	PICTURE	Y	
3	6'-0" x 5'-0"	PICTURE		
4	3'-0" x 3'-0"	PICTURE	Y	
5	6'-0" x 4'-0"	PICTURE		
6-8	6'-0" x 6'-0"	PICTURE		

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

A. MULTI-PANE GLAZING WITH A 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/WDMA/CSA 101/1.S.2/A40

B. MINIMUM 20-MIN FIRE-RESISTANCE-RATED.

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

DOOR SCHEDULE				
MARK	DIMENSION	TYPE	TEMPERED	NOTES
①	3'-0" x 6'-8"	SWINGING		1-3/8" SOLID CORE
②	4'-0" x 6'-8"	BI-FOLD		4FT CLOSET
③	6'-0" x 6'-8"	BI-FOLD		6FT CLOSET
④	3'-0" x 6'-8"	POCKET	Y	BATHROOM
⑤	3'-0" x 6'-8"	POCKET	Y	BATHROOM
⑥				

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

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

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

## 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)
  - 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 2.1% SLOPE IN ALL DIRECTIONS OF ROLL-IN SHOWER FLOORS
- MAXIMUM 3/4" 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

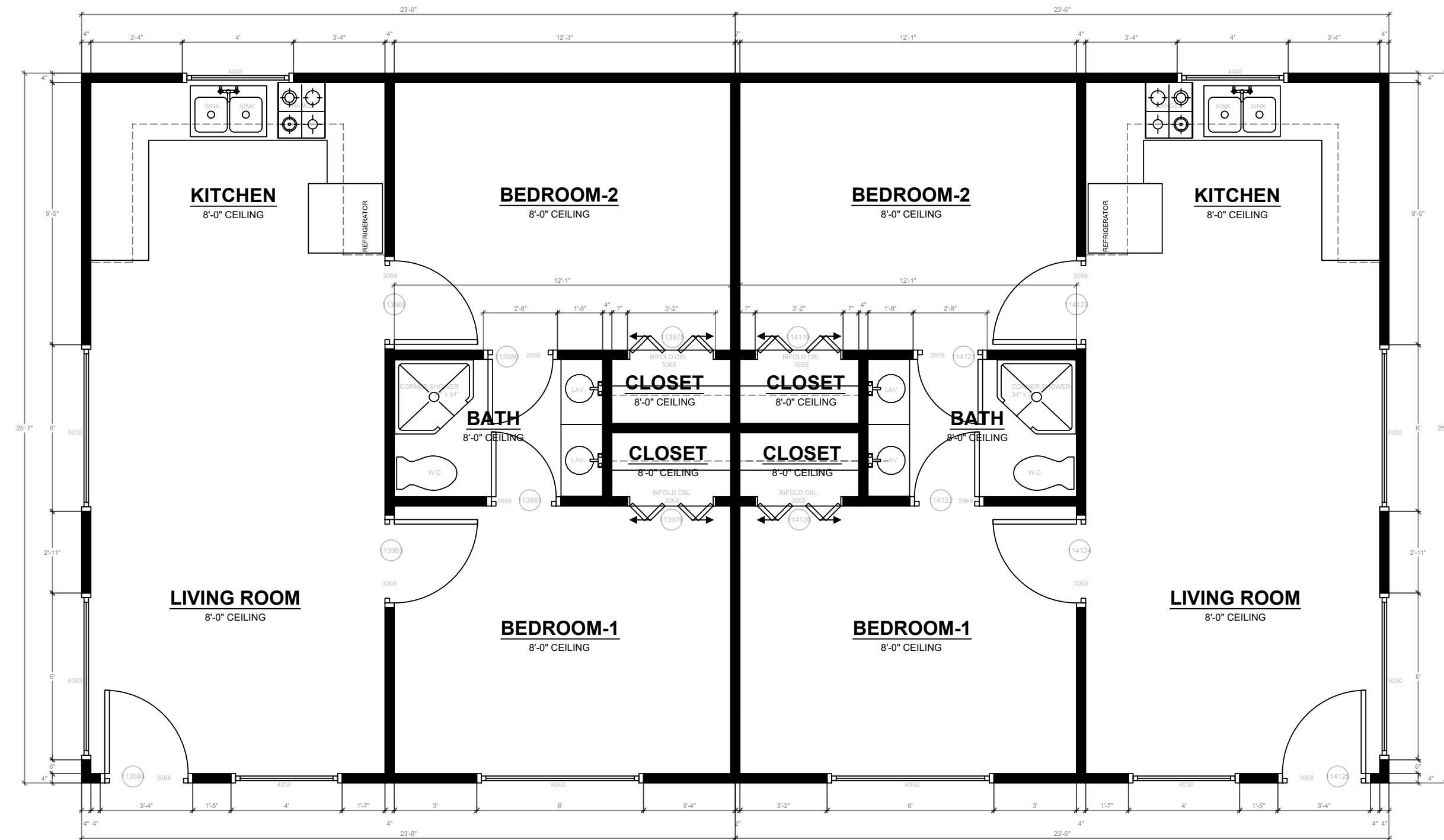
**PROPOSED ADU FOR CHRISTINA WILLIAMS**  
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**LAKEVILLE, CA 92040**  
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### REVISIONS

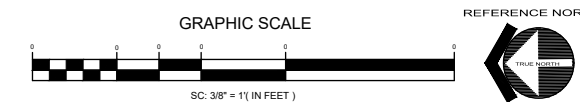
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**PHASE 3 PROPOSED ADU -FLOOR/DIMENSION PLANS**



**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 "JA8-2016" AND LISTED IN THE CALIFORNIA ENERGY COMMISSION DATABASE AT [HTTPS://CACERTAPPLIANCES.ENERGY.CA.GOV/PAGES/APPLIANCESEARCH.ASPX](https://cacertappliances.energy.ca.gov/pages/appliancesearch.aspx)
3. ALL RECESSED DOWNLIGHT AND ENCLOSED LUMINAIRES SHALL BE MARKED "JA8-2016-E" AND LISTED IN THE CALIFORNIA ENERGY COMMISSION DATABASE AT [HTTPS://CACERTAPPLIANCES.ENERGY.CA.GOV/PAGES/APPLIANCESEARCH.ASPX](https://cacertappliances.energy.ca.gov/pages/appliancesearch.aspx)
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 "JA8-2016" OR "JA8-2016-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)3A11C

**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"

Project Name and Address  
**PROPOSED ADU FOR  
 CHRISTINA WILLIAMS  
 9715 EMERALD HILL LN,  
 LAKESIDE, CA 92040  
 (APN): 394-530-18-00**

**SHEET TITLE**  
**ELECTRICAL PLAN**

Symbol	Client Review	Date
▲	CLIENT REVIEW	2/30/2022
▲	APR.	
▲	PLAN CHECK	
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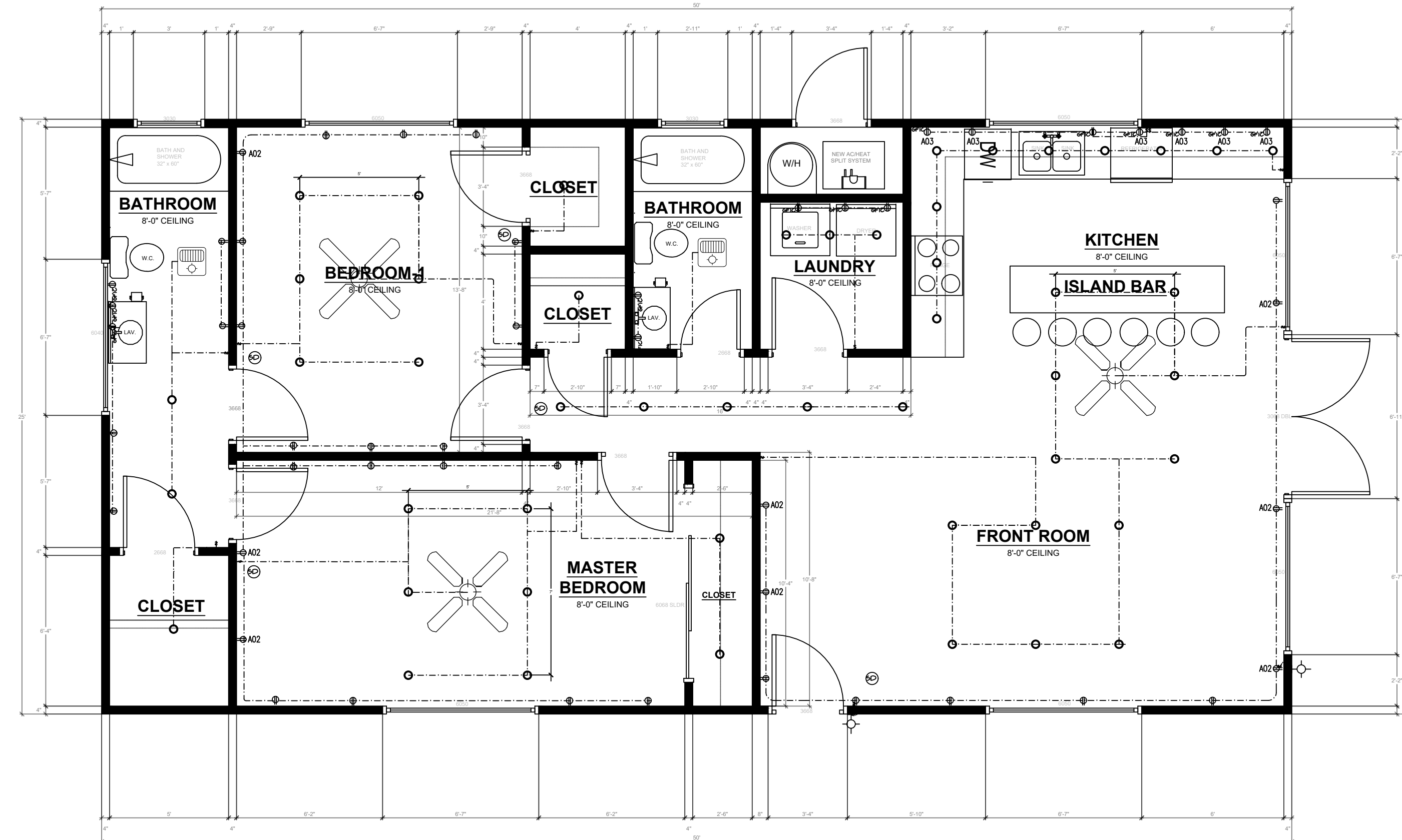
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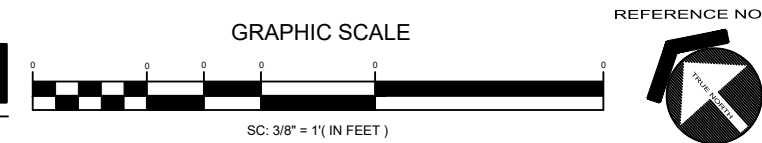


**ELECTRICAL LEGEND**

	LED WALL FIXTURE (7W MAX BULB)		LED EXTERIOR WALL FIXTURE WITH MANUAL ON - AUTO OFF/MOTION DETECTOR & PHOTOCCELL CONTROL
	DECORATIVE SURFACE CEILING FIXTURE		HARDWIRED SMOKE / Co DETECTOR INTERCONNECTED SO AN ALARM AT ONE IS AUDIBLE AT ALL
	RECESSED LED CEILING FIXTURE (7W MAX BULB)		HARDWIRED SMOKE DETECTOR INTERCONNECTED SO AN ALARM AT ONE IS AUDIBLE AT ALL
	CEILING MOUNTED JUNCTION BOX		200 AMP ELEC. METER AND SERV. PANEL. PROVIDE UFER GROUND ROD. MAIN ELECTRIC SERVICE SHALL BE UNDERGROUND.
	LED LIGHT/FAN COMBO. (SEE NOTES AT EXHAUST FAN SYMBOL BELOW)		AIR CONDITIONING COMPRESSOR/CONDENSER
	THERMOSTAT		CEILING MOUNTED LIGHT/FAN. WIRE SWITCH/LIGHT SEPERATELY. DIMMER SWITCH WIRED TO LIGHT. (MOUNTED ON JUNCTION BOX)
	PHONE JACK		DEDICATED CIRCUIT (20 AMPS)
	TELEVISION CABLE OUTLET		PUSH BUTTON
	120 VOLT DUPLEX OUTLET		AUTO-OFF MOTION SENSOR SWITCH (SEE NOTES BELOW)
	UNDERCOUNTER/UNDER-SHELF 120 VOLT DUPLEX OUTLET		SINGLE POLE SWITCH
	120 VOLT SINGLE FLOOR OUTLET		DIMMER SWITCH
	120 VOLT CEILING OUTLET		SINGLE POLE 3-WAY SWITCH
	120 VOLT DUPLEX GROUND FAULT CIRCUIT INTERRUPT OUTLET		SINGLE POLE 4-WAY SWITCH
	240 VOLT OUTLET		3-WAY DIMMER SWITCH
	UNDERCOUNTER OR SHELF 120 VOLT GROUND FAULT CIRCUIT INTERRUPT DUPLEX OUTLET		4-WAY DIMMER SWITCH
	120 VOLT DUPLEX GROUND FAULT CIRCUIT INTERRUPT OUTLET WEATHERPROOF TYPE.		240 VOLT NEMA 3R FUSED DISCONNECT FOR AIR CONDITIONING CONDENSER
	120 VOLT DUPLEX OUTLET (ARC FAULT INTERRUPT)		DOORBELL CHIMES
	1/2 HOT 120 VOLT DUPLEX OUTLET (ARC FAULT INTERRUPT)		EXHAUST FAN TO OUTSIDE AIR SHALL PROVIDE A MIN. OF 5-AIR CHANGES PER HOUR
	1/2 HOT 120V CONVENIENCE OUTLET		GROUND FAULT INTERRUPTED CIRCUIT
	3 - WAY DIMMER SWITCH		HIGH SPEED DATA LINE
	SWITCHABLE RECEPTACLE		FLOOR MOUNTED TEL. JACK
	DIMMER SWITCH		THERMOSTAT CONTROL
	SURFACE LIGHTING OUTLET (CEILING)		DUPLEX OUTLET RECESSED INTO WALL
	SURFACE LIGHTING OUTLET (WALL)		FLOOR MOUNTED OUTLET
	DOWN LIGHTING FIXTURE		FLOOR MOUNTED OUTLET
	POWER TRACK AND HEADS		DOORBELL
	DOOR CHIME		WATERPROOF OUTLET (EXTERIOR)
	EXHAUST FAN		2' TWO LAMP (F40) DECORATIVE FLUORESCENT
	FAN/LIGHT COMBINATION		4' TWO LAMP (F40) FLUORESCENT FIXTURE
	HEAT LAMP		6' TANDEM (2 EA. F40 4' LAMPS END TO END)
	SMOKE DETECTOR/CARBON MONOXIDE DETECTOR		8' TANDEM (2 EA. F40 4' LAMPS END TO END)
	TV OUTLET		LOW PROFILE UNDERCABINET FLUORESCENT FIXTURE
	PHONE OUTLET		



**FIRST LEVEL - ELECTRICAL AND EQUIPMENT PLAN**



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**PROPOSED ADU FOR  
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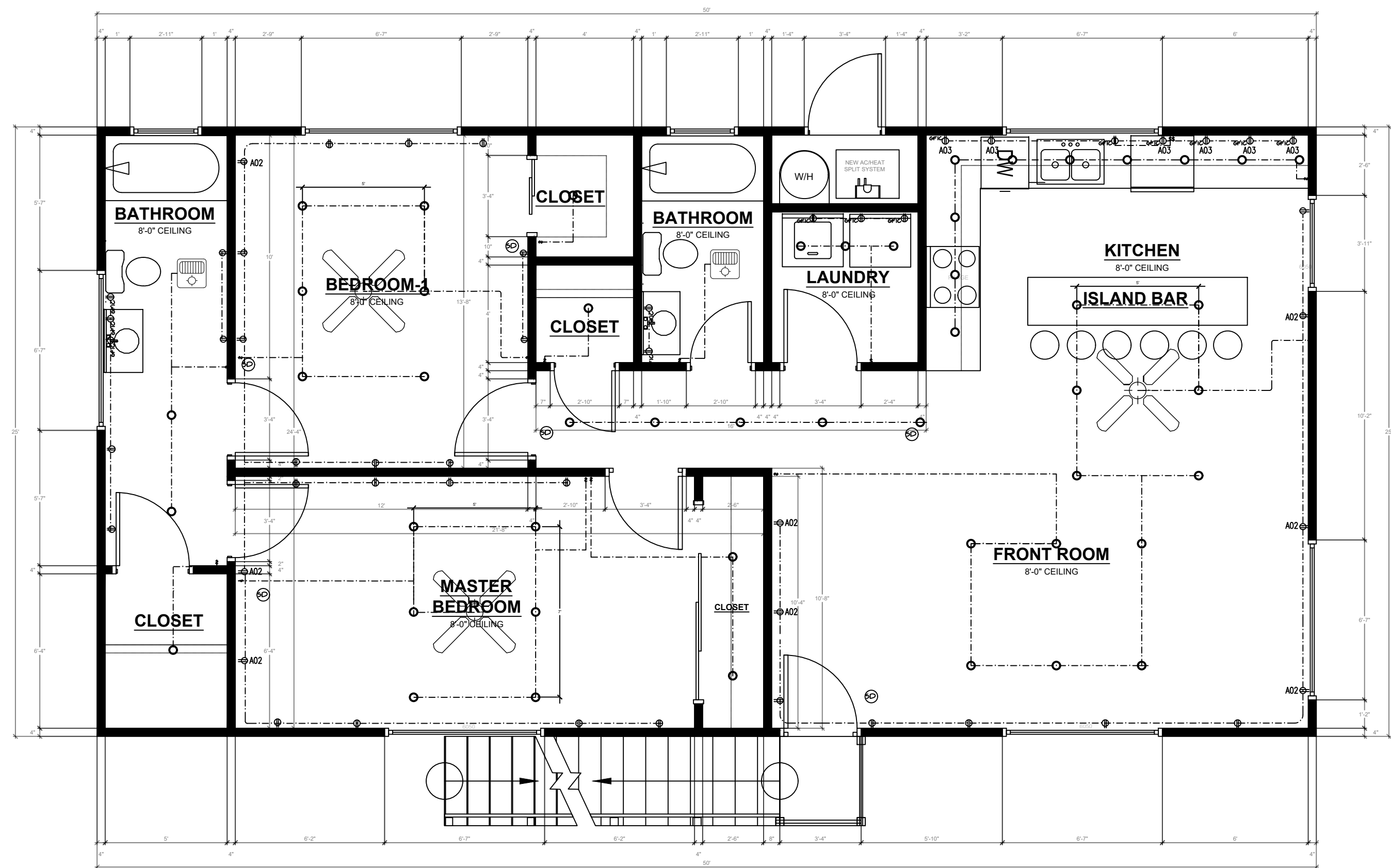
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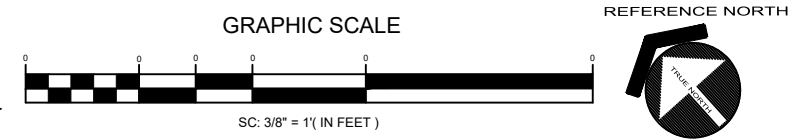
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**ELECTRICAL LEGEND**

LED WALL FIXTURE (7W MAX BULB)		LED EXTERIOR WALL FIXTURE WITH MANUAL ON - AUTO OFF/MOTION DETECTOR & PHOTOCELL CONTROL
DECORATIVE SURFACE CEILING FIXTURE		HARDWIRED SMOKE / CO DETECTOR INTERCONNECTED SO AN ALARM AT ONE IS AUDIBLE AT ALL
RECESSED LED CEILING FIXTURE (7W MAX BULB)		HARDWIRED SMOKE DETECTOR INTERCONNECTED SO AN ALARM AT ONE IS AUDIBLE AT ALL
CEILING MOUNTED JUNCTION BOX		200 AMP ELEC. METER AND SERV. PANEL. PROVIDE UFER GROUND ROD. MAIN ELECTRIC SERVICE SHALL BE UNDERGROUND.
LED LIGHT/FAN COMBO. (SEE NOTES AT EXHAUST FAN SYMBOL BELOW)		
THERMOSTAT		AIR CONDITIONING COMPRESSOR/CONDENSER
PHONE JACK		CEILING MOUNTED LIGHT/FAN. WIRE SWITCH/LIGHT SEPERATELY. DIMMER SWITCH WIRED TO LIGHT. (MOUNTED ON JUNCTION BOX)
TELEVISION CABLE OUTLET		DEDICATED CIRCUIT (20 AMPS)
120 VOLT DUPLEX OUTLET		PUSH BUTTON
UNDERCOUNTER/UNDER-SHELF 120 VOLT DUPLEX OUTLET		AUTO-OFF MOTION SENSOR SWITCH (SEE NOTES BELOW)
120 VOLT SINGLE FLOOR OUTLET		SINGLE POLE SWITCH
120 VOLT CEILING OUTLET		DIMMER SWITCH
120 VOLT DUPLEX GROUND FAULT CIRCUIT INTERRUPT OUTLET		SINGLE POLE 3-WAY SWITCH
240 VOLT OUTLET		SINGLE POLE 4-WAY SWITCH
UNDERCOUNTER OR SHELF 120 VOLT GROUND FAULT CIRCUIT INTERRUPT DUPLEX OUTLET		3-WAY DIMMER SWITCH
120 VOLT DUPLEX GROUND FAULT CIRCUIT INTERRUPT OUTLET WEATHERPROOF TYPE.		4-WAY DIMMER SWITCH
120 VOLT DUPLEX OUTLET (ARC FAULT INTERRUPT)		240 VOLT NEMA 3R FUSED DISCONNECT FOR AIR CONDITIONING CONDENSER
1/2 HOT 120 VOLT DUPLEX OUTLET (ARC FAULT INTERRUPT)		DOORBELL CHIMES
1/2 HOT 120V CONVENIENCE OUTLET		EXHAUST FAN TO OUTSIDE AIR SHALL PROVIDE A MIN. OF 5-AIR CHANGES PER HOUR
3 - WAY DIMMER SWITCH		GROUND FAULT INTERRUPTED CIRCUIT
SWITCHABLE RECEPTACLE		HIGH SPEED DATA LINE
DIMMER SWITCH		FLOOR MOUNTED TEL. JACK
SURFACE LIGHTING OUTLET (CEILING)		THERMOSTAT CONTROL
SURFACE LIGHTING OUTLET (WALL)		DUPLEX OUTLET RECESSED INTO WALL
DOWN LIGHTING FIXTURE		FLOOR MOUNTED OUTLET
POWER TRACK AND HEADS		FLOOR MOUNTED OUTLET
DOOR CHIME		DOORBELL
EXHAUST FAN		WATERPROOF OUTLET(EXTERIOR)
FAN/LIGHT COMBINATION		2' TWO LAMP (F40) DECORATIVE FLUORESCENT
HEAT LAMP		4' TWO LAMP (F40) FLUORESCENT FIXTURE
SMOKE DETECTOR/CARBON MONOXIDE DETECTOR		6' TANDEM (2 EA. F40 4' LAMPS END TO END)
TV OUTLET		8' TANDEM (2 EA. F40 4' LAMPS END TO END)
PHONE OUTLET		LOW PROFILE UNDERCABINET FLUORESCENT FIXTURE



**MAIN LEVEL - ELECTRICAL AND EQUIPMENT PLAN**



**ELEVATION KEY NOTES**

- ROOF: CLASS 'A' FIRE RATING -  
ROOF MATERIAL: \_\_\_\_\_  
UNDERLAYMENT: \_\_\_\_\_  
LISTING REPORT #: \_\_\_\_\_
- EXTERIOR WALL FINISH: \_\_\_\_\_ (SEE NOTE 7 BELOW)
- ROOF PITCH: 4:12
- RADIANT BARRIER IS REQUIRED
- GABLE VENT (SEE NOTE 5 & 6 BELOW)  
MANUFACTURER: \_\_\_\_\_  
MODEL: \_\_\_\_\_  
NFVA: \_\_\_\_\_ (MIN 71 in<sup>2</sup>)
- EAVE VENT (SEE NOTE 5 & 6 BELOW)  
MANUFACTURER: \_\_\_\_\_  
MODEL: \_\_\_\_\_  
NFVA: \_\_\_\_\_ (MIN 23 in<sup>2</sup>)

**WILDFIRE ZONE PLAN NOTES**

- 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.
  - FIRE-STOPPING WITH APPROVED MATERIALS
  - ONE LAYER OF 72 POUND (32.4 KG) MINERAL-SURFACED NON-PERFORATED CAP SHEET COMPLYING WITH ASTM D 3909 INSTALLED OVER THE COMBUSTIBLE DECKING
  - OTHERWISE CONSTRUCTED TO PREVENT INTRUSION OF FLAMES AND EMBERS
- 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 36-INCH-WIDE UNDERLAYMENT CONSISTING OF ONE LAYER OF NO. 72 ASTM CAP SHEET RUNNING THE FULL LENGTH OF THE VALLEY.
- ANY ROOF GUTTERS SHALL BE PROVIDED WITH MEANS TO PREVENT ACCUMULATION OF LEAVES AND DEBRIS.
- SKYLIGHTS SHALL BE TEMPERED GLASS.
- ALL VENTS (ROOF, FOUNDATION, COMBUSTION-AIR, ETC) SHALL RESIST THE INTRUSION OF FLAMES AND EMBERS
- 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:
  - THERE SHALL BE NO FLAMING IGNITION OF THE COTTON MATERIAL DURING THE EMBER INTRUSION TEST
  - THERE SHALL BE NO FLAMING IGNITION DURING THE INTEGRITY TEST PORTION OF THE FLAME INTRUSION TEST
  - THE MAXIMUM TEMPERATURE OF THE UNEXPOSED SIDE OF THE VENT SHALL NOT EXCEED 662 DEGREES FAHRENHEIT (350 DEGREES CELSIUS)
- EXTERIOR WALL FINISH SHALL COMPLY WITH ONE OF THE FOLLOWING:
  - NON-COMBUSTIBLE MATERIAL (STUCCO, CEMENT FIBER BOARD, ETC) - STUCCO AND CEMENT PLASTER USED AS AN EXTERIOR WALL COVERING SHALL BE 7/8-INCH THICK
  - NON-COMBUSTIBLE 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 MUDDERED, OR AN UNDERLAYMENT OF OTHER IGNITION-RESISTANT MATERIAL APPROVED BY THE BUILDING OFFICIAL.
- PATIO COVER, CARPORT AND TRELLIS 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 2X TONGUE-AND-GROOVE SHEATHING, 4X8 RAFTERS/BEAMS, 6X6 POSTS)
- DECK, BALCONY, AND EXTERIOR STAIR CONSTRUCTION, WITH ALL EXPOSED ELEMENTS SHALL COMPLY WITH THE FOLLOWING:
  - 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)
  - 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)
- 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
  - WEATHER-STRIPPING PRODUCTS WITH TENSILE STRENGTH AND FLAMMABILITY RATING PER CBC 708A.4
  - DOOR OVERLAPS ONTO JAMBS AND HEADERS
  - GARAGE DOOR JAMBS AND HEADERS COVERED WITH METAL FLASHING
- PAPER-FACED INSULATION PROHIBITED IN ATTICS OR OTHER VENTILATED SPACES.
- FENCES OR ANY STRUCTURE WITHIN 5 FEET OF BUILDING SHALL BE CONSTRUCTED PER ONE OF THE FOLLOWING:
  - NON-COMBUSTIBLE MATERIAL
  - APPROVED EXTERIOR FIRE-RETARDANT TREATED WOOD
  - MATERIAL MEETING SAME FIRE-RESISTIVE STANDARDS AS EXTERIOR WALLS OF BUILDINGS

**PROPOSED ADU FOR CHRISTINA WILLIAMS**  
**9715 EMERALD HILL LN,**  
**LAKESIDE, CA 92040**  
**(APN): 394-530-18-00**

**ELEVATIONS**

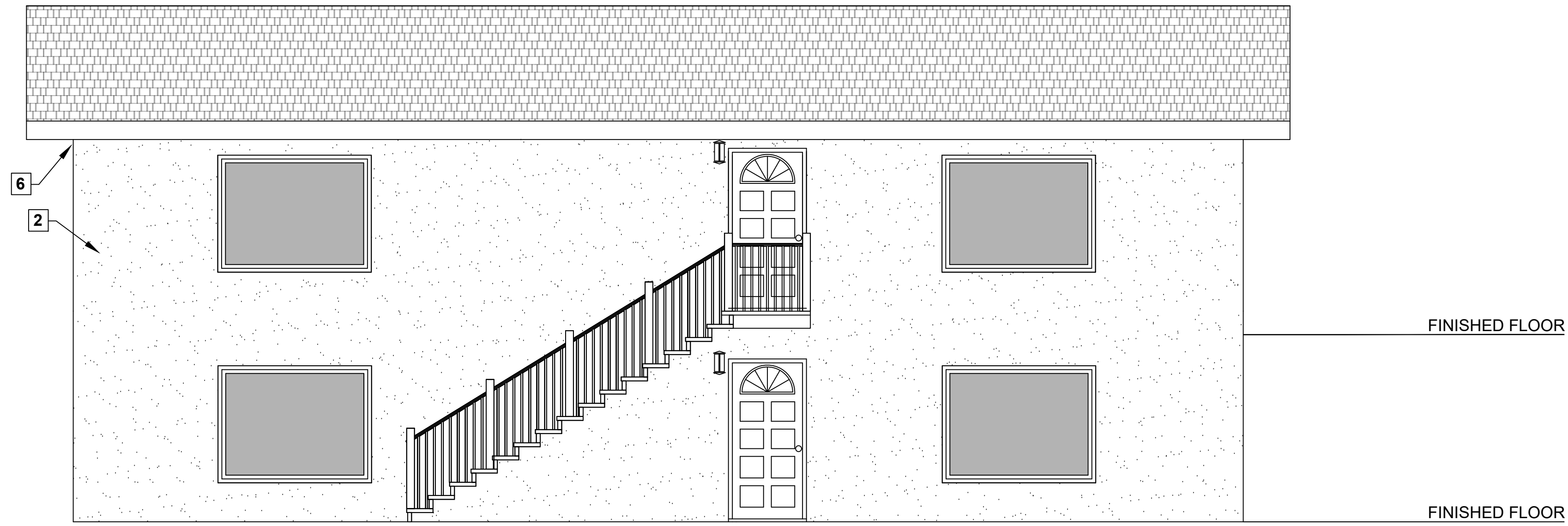
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	CLIENT REVIEW	2/30/2022
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	PLAN CHECK	
	CORRECTIONS	
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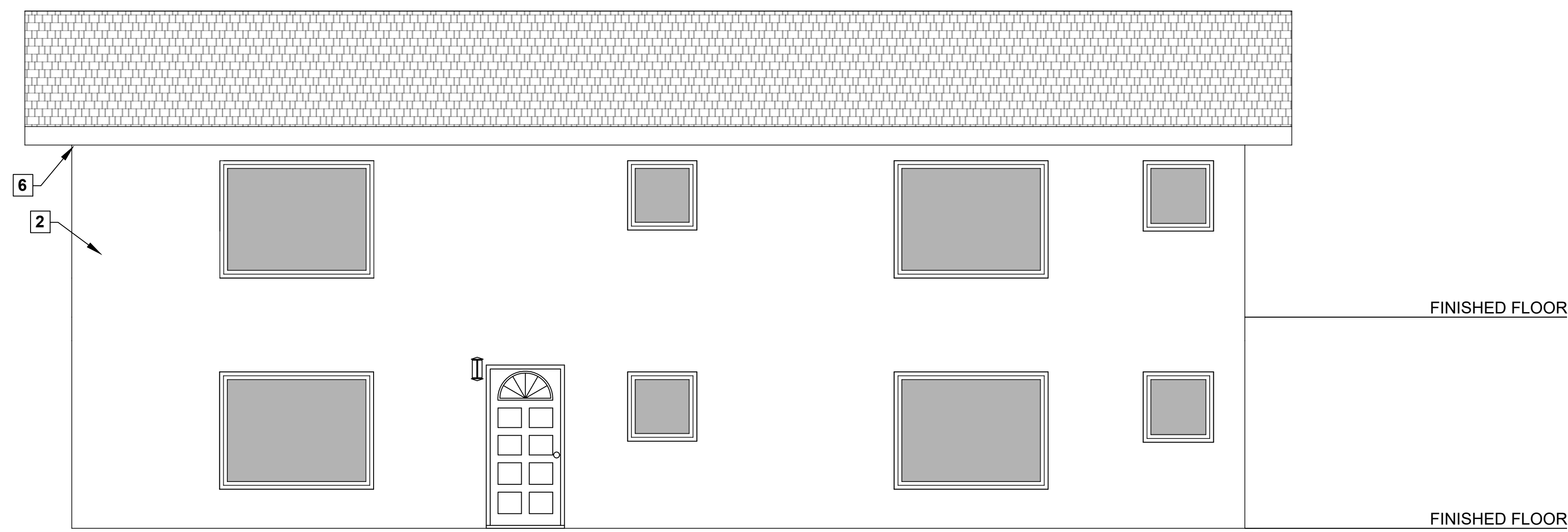
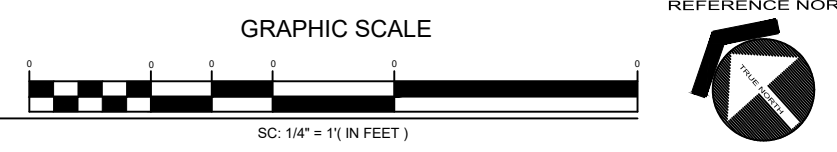
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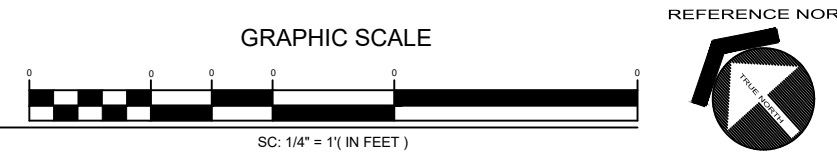
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Date	02/2022	<b>A3</b>	
Scale			



**NORTH ELEVATION**



**SOUTH ELEVATION**



**ELEVATION KEY NOTES**

SEE SHEET A3 FOR KEY NOTES

**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.
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)
    - STUCCO AND CEMENT PLASTER USED AS AN EXTERIOR WALL COVERING 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 MUDDED, OR AN UNDERLAYMENT OF OTHER IGNITION-RESISTANT MATERIAL APPROVED BY THE BUILDING OFFICIAL.
  - b. IGNITION-RESISTANT MATERIAL
8. PATIO COVER, CARPORT AND TRELLIS 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 2X TONGUE-AND-GROOVE SHEATHING, 4X6 RAFTERS/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

**PROPOSED ADU FOR  
 CHRISTINA WILLIAMS  
 9715 EMERALD HILL LN,  
 LAKESIDE, CA 92040  
 (APN): 394-530-18-00**

**SHEET TITLE**  
**ELEVATIONS**

Symbol	CLIENT REVIEW	2/30/2022
▲	CLIENT REVIEW	2/30/2022
▲	APR.	
▲	PLAN CHECK	
▲	CORRECTIONS	
▲	PERMIT	
▲		
▲		
No.	Revised/Issue	Date

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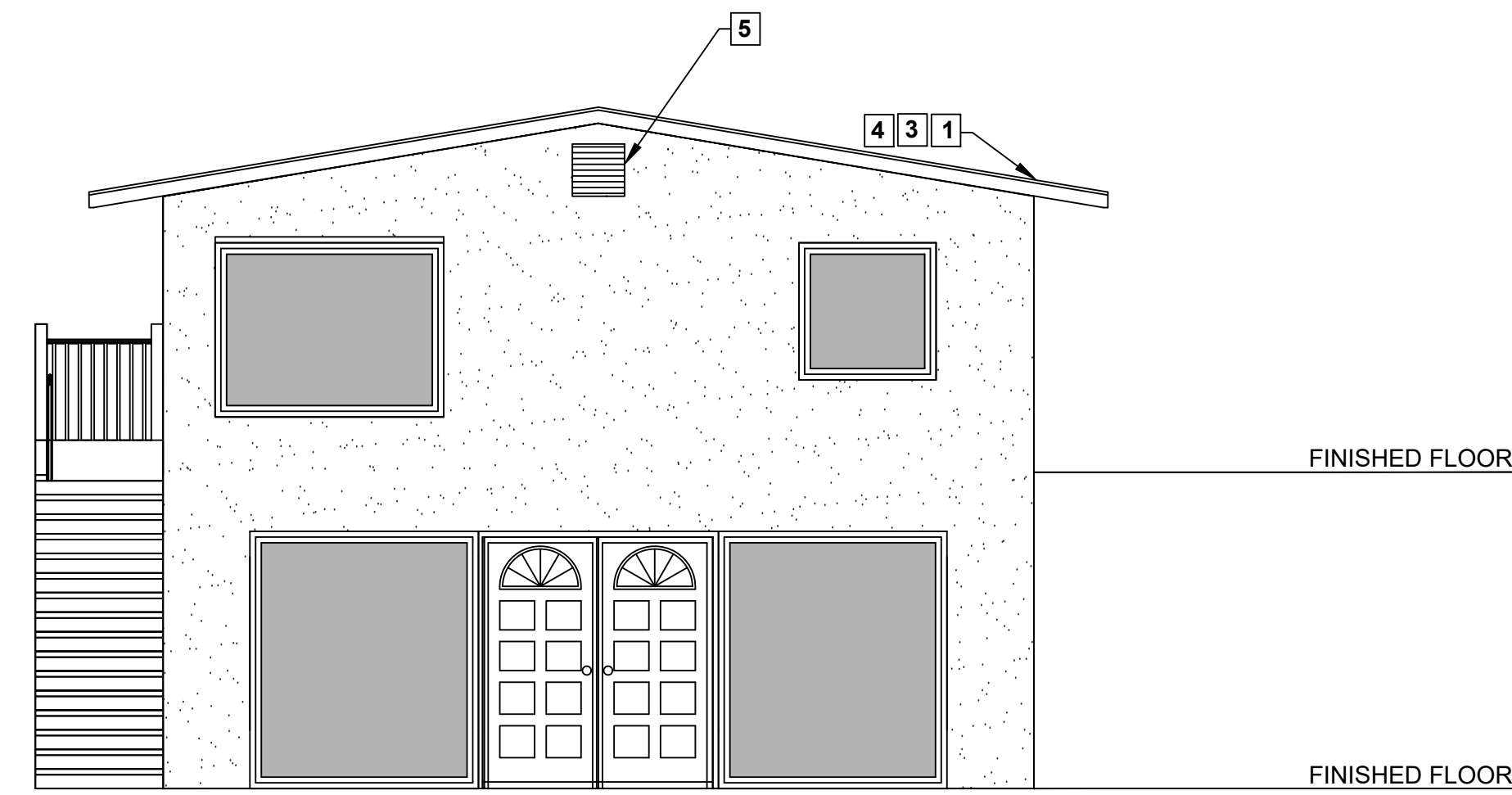
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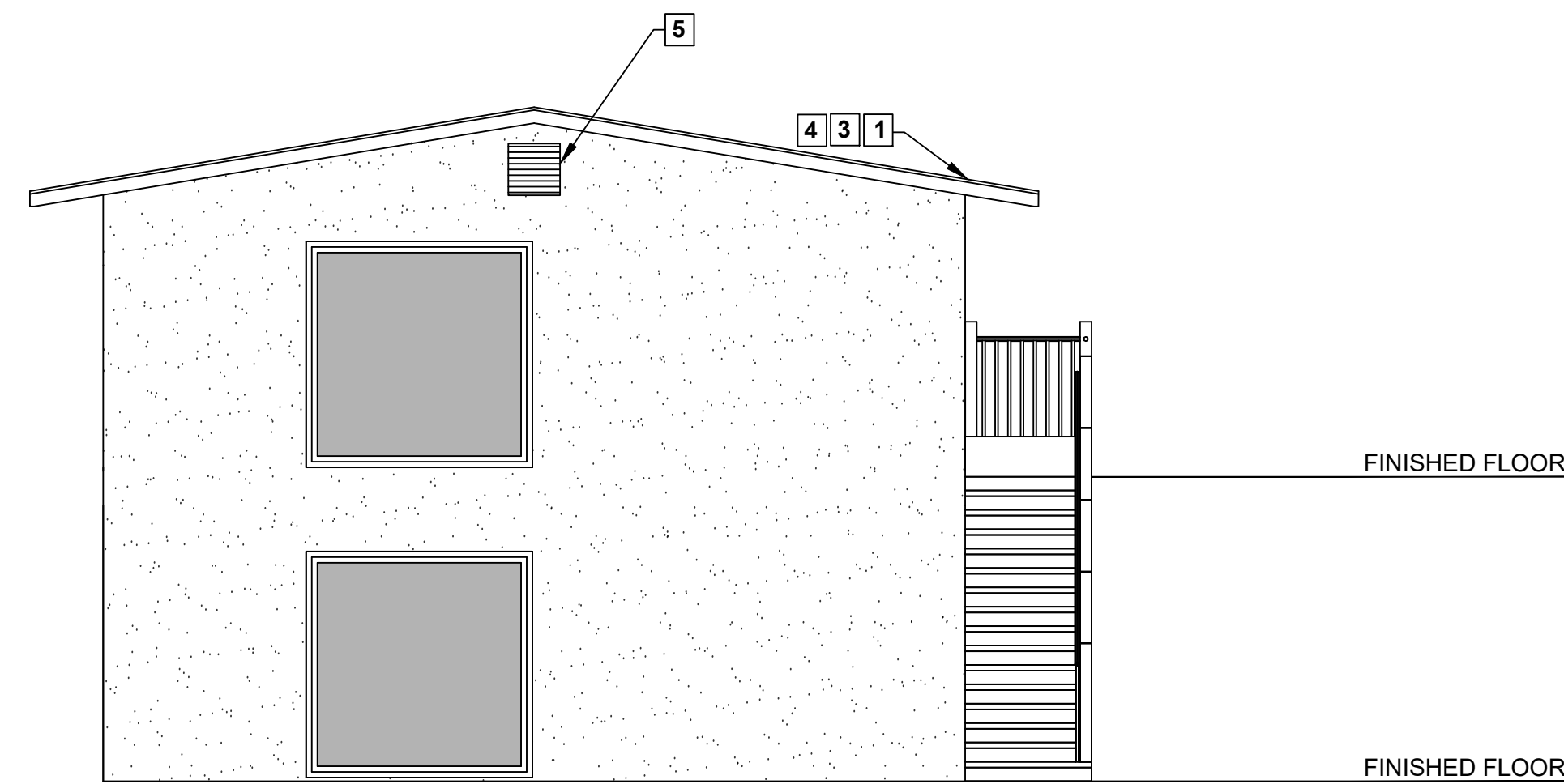
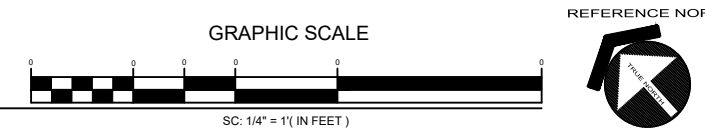
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Date	02/2022	<b>A4</b>	
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SOLAR READY KEY NOTES

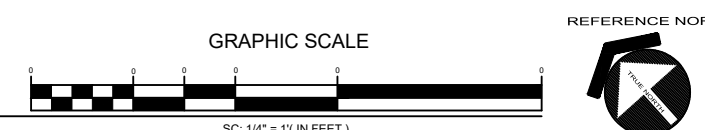
1. MIN 250 S.F. SOLAR ZONE AREA
2. DEDICATED SOLAR ZONE AREA LOCATED BETWEEN 110 AND 270 DEGREES OF TRUE NORTH - USE AREA A OR B AS NEEDED.
3. NO OBSTRUCTIONS - INCLUDING VENTS, CHIMNEYS, SKYLIGHTS, ARCHITECTURAL FEATURES, ROOF-MOUNTED EQUIPMENT - LOCATED WITHIN SOLAR ZONE.
4. 3" MIN FIRE FIGHTER ACCESS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



**EAST ELEVATION**



**WEST ELEVATION**



**ATTIC VENTILATION REQUIRED**

NET FREE CROSS VENTILATION AREA =  $\frac{1}{300}$   
 VENT AREA REQ'D =  $1200 \text{ ft}^2 / 300 = 4 \text{ ft}^2 \times 144 = 576 \text{ in}^2$

**GABLE END VENTS**  
 NFVA =  $115 \text{ in}^2$   
 QTY = 2 VENTS  
 VENT AREA PROVIDED =  $2 \times 115 \text{ in}^2 = 230 \text{ in}^2$

**EAVE VENTS**  
 NFVA:  $36 \text{ in}^2$   
 QTY = 10 VENTS  
 VENT AREA PROVIDED =  $10 \times 36 \text{ in}^2 = 360 \text{ in}^2$

**TOTAL VENT AREA PROVIDED**  
 $(230 \text{ in}^2) + (360 \text{ in}^2) = 590 \text{ in}^2 > 576 \text{ in}^2$

**ROOF PLAN / TRUSS LAYOUT**

1/4" = 1'-0"

Project Name and Address  
**PROPOSED ADU FOR  
 CHRISTINA WILLIAMS  
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 LAKESIDE, CA 92040  
 (APN): 394-530-18-00**

**ROOF PLAN**

No.	Revisions	Date
1	CLIENT REVIEW	2/30/2022
2	A.J.S.	
3	PLAN CHECK	
4	CORRECTIONS	
5	PERMIT	
6		
7		

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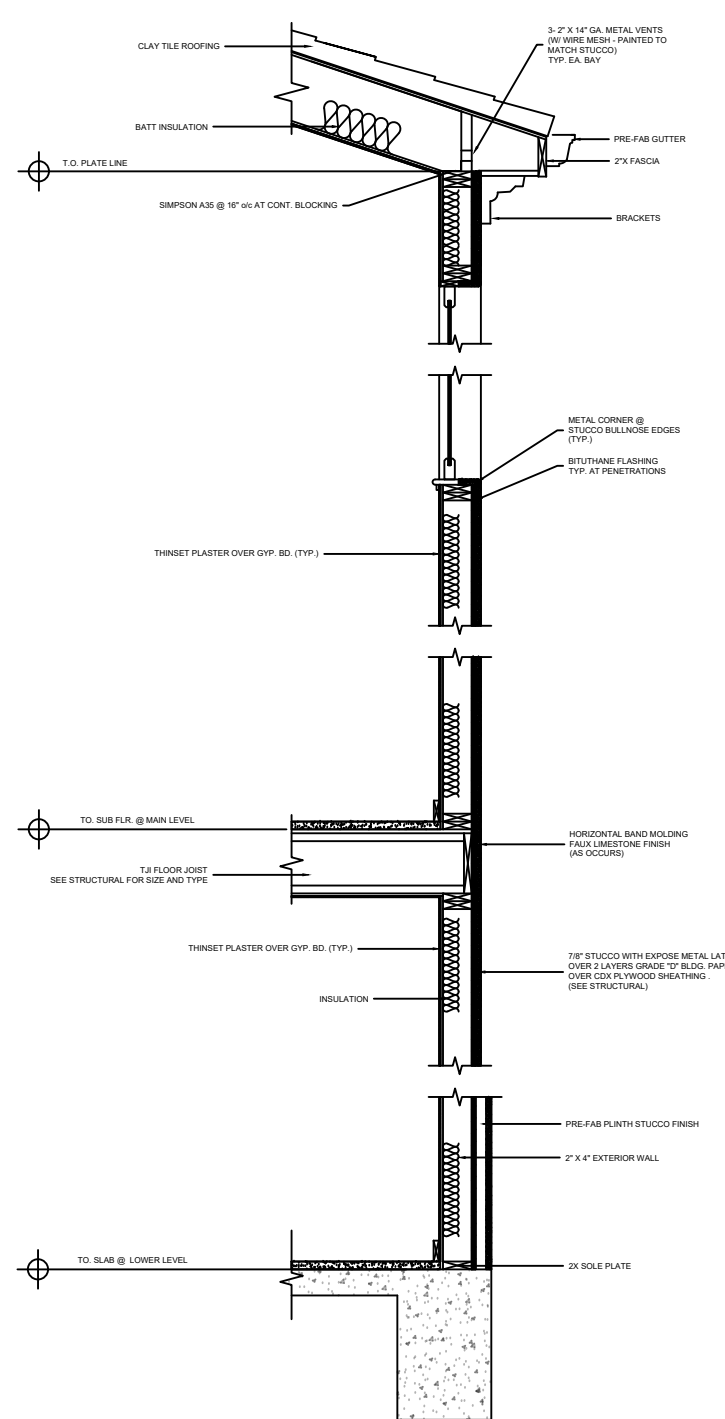
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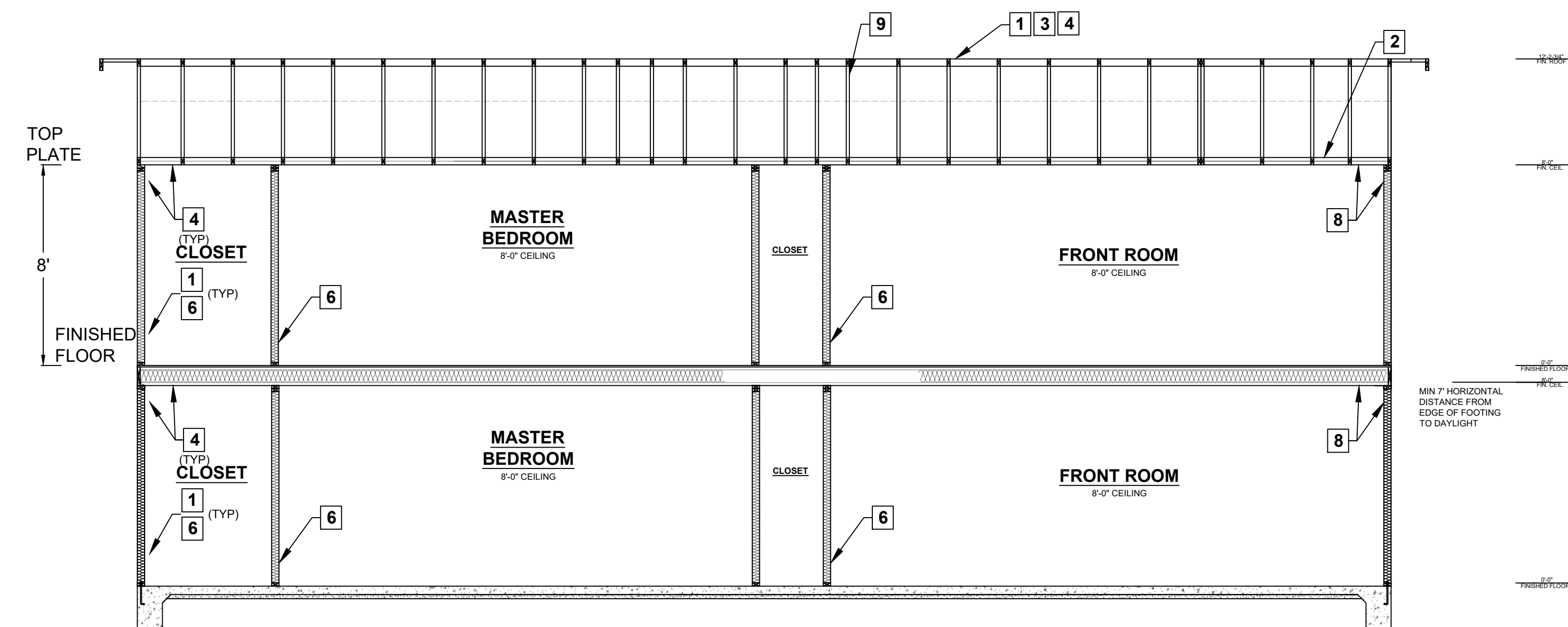
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# TYPICAL WALL SECTION

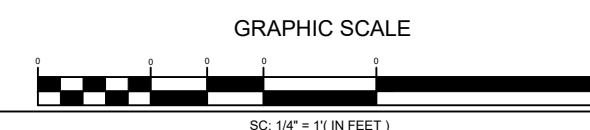
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# SECTIONS

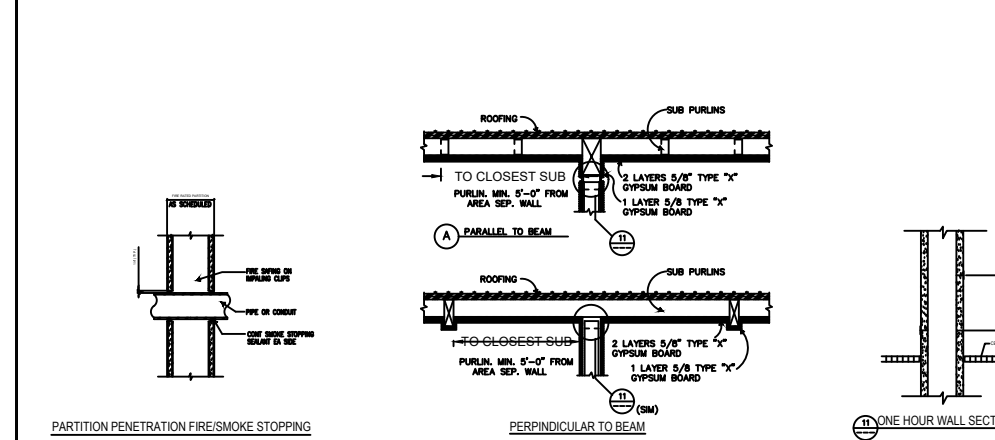


SECTION A-A

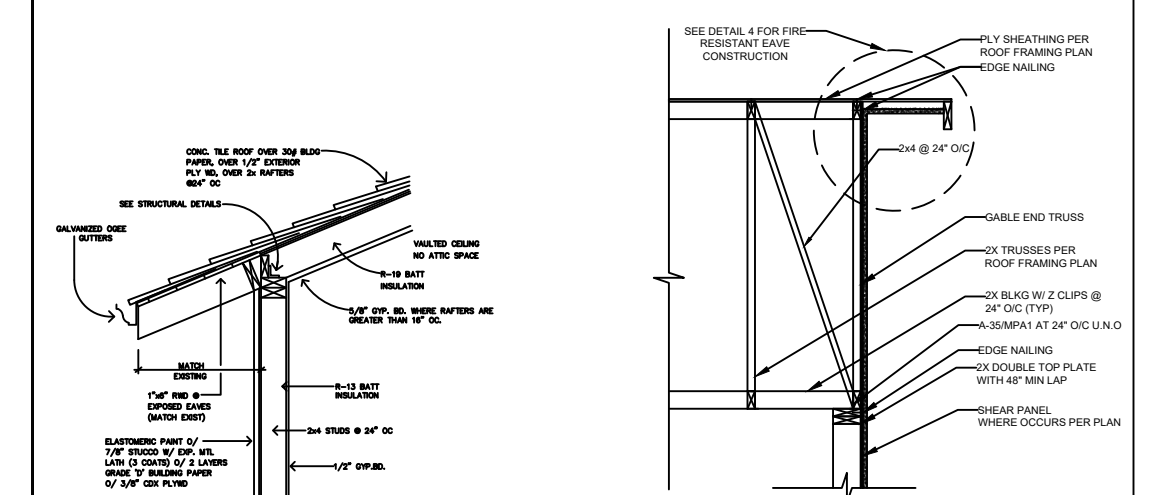


## SECTION KEY NOTES

1. WALL INSULATION: R-15
2. CEILING INSULATION: R-32
3. ROOF (TOP CHORD) INSULATION: R-19
4. INTERIOR FINISH: 1/2" GYPSUM BOARD
5. EXTERIOR WALL/PLUMBING WALL: 2X4 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



1-HOUR FIRE RATING



Eave Framing

Eave Framing

### REVISIONS

No.	Revision/Issue	Date
1	CLIENT REVIEW	2/30/2022
2	AJUL	
3	PLAN CHECK	
4	CORRECTIONS	
5	PERMIT	
6		
7		

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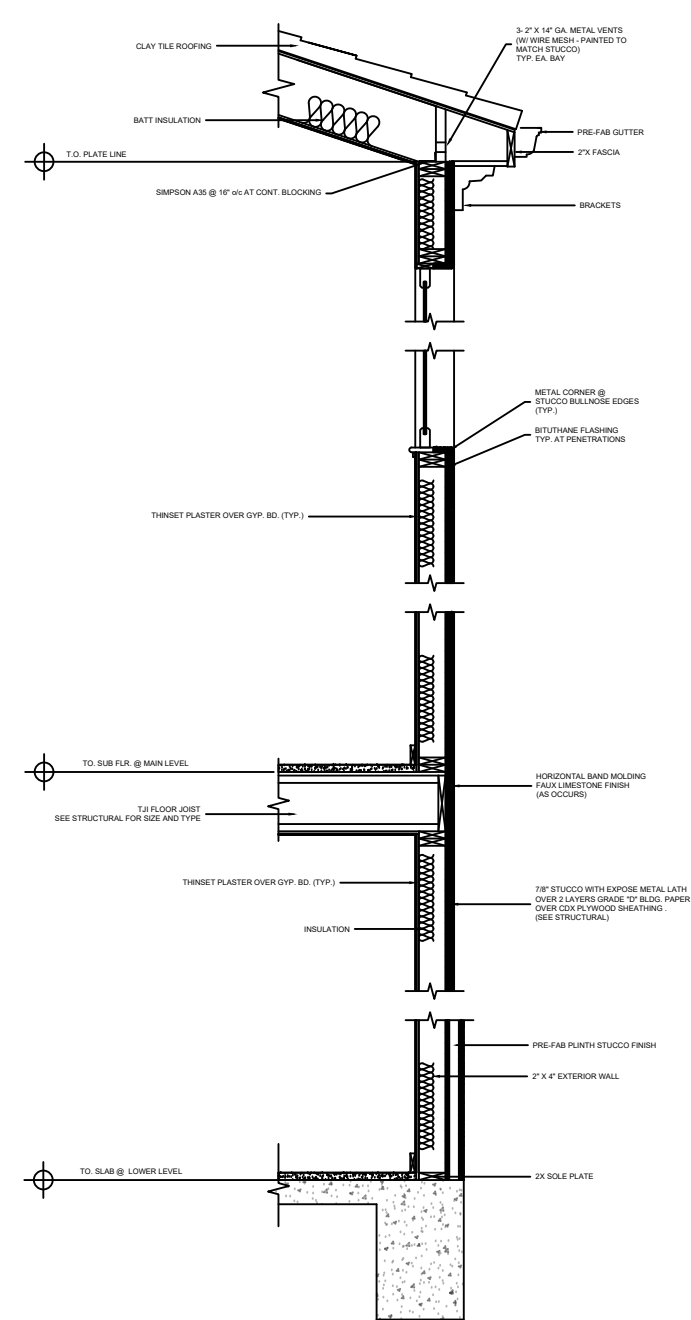
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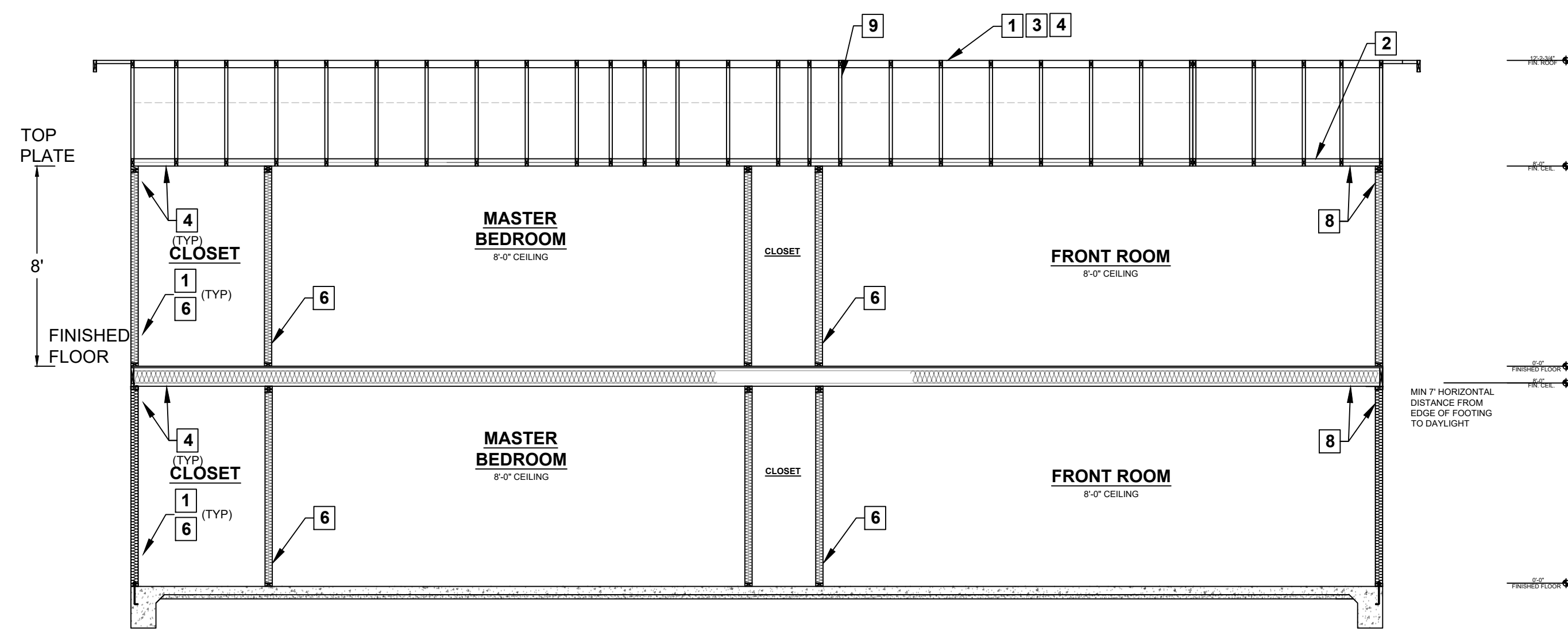
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**PROPOSED ADU FOR  
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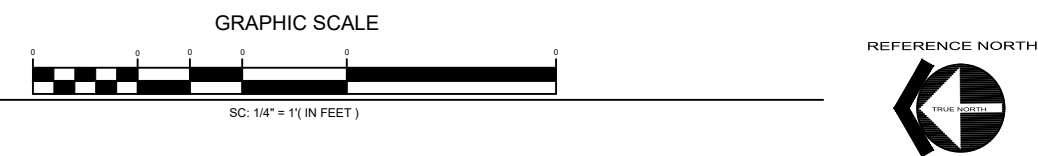


**TYPICAL WALL SECTION**  
1"=1'-0"



**SECTION A-A**

**SECTIONS**



Project Name and Address  
**PROPOSED ADU FOR  
 CHRISTINA WILLIAMS  
 9715 EMERALD HILL LN,  
 LAKESIDE, CA 92040  
 (APN): 394-530-18-00**

**STRUCTURAL  
 COVER SHEET**

	CLIENT REVIEW	2/30/2022
	A.J.B.	
	PLAN CHECK	
	CORRECTIONS	
	PERMIT	

No.	Revision/Issue	Date

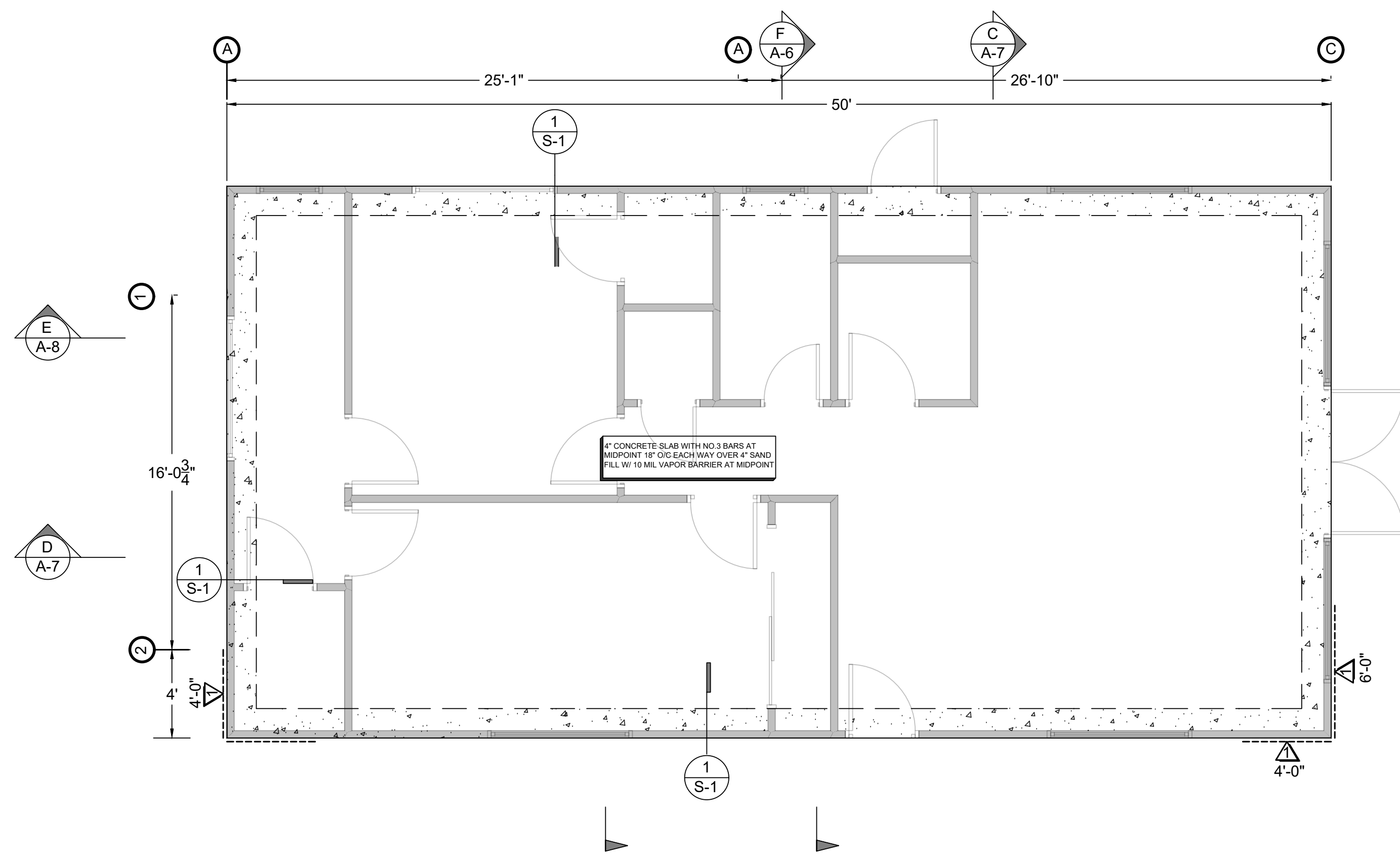
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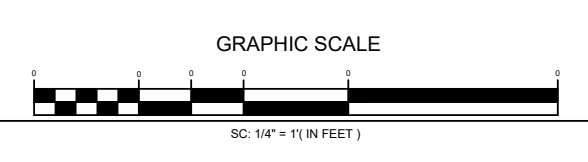
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Date	02/2022		
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**FOUNDATION**



**LEGEND**  
 # BRACED WALL LINE

DETAIL 1  
(NTS)

DETAIL 4  
(NTS)

DETAIL 2  
(NTS)

DETAIL 5  
(NTS)

DETAIL 3  
(NTS)

Project Name and Address  
**PROPOSED ADU FOR  
 CHRISTINA WILLIAMS  
 9715 EMERALD HILL LN,  
 LAKESIDE, CA 92040  
 (APN): 394-530-18-00**

SHEET TITLE		
ROOF FRAMING		
△	CLIENT REVIEW	2/30/2022
△	AJLB	
△	PLAN CHECK	
△	CORRECTIONS	
△	PRESENT	
△		
△		
No.	Revisions/Issues	Date

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