



PROJECT ADDRESS:

81 Manzanita Ave Novato, CA 94945

<u>Latitude/Longitude</u> 38 DEGREES 6.436 MINUTES NORTH x 122 DEGREES 30.193 MINUTES WEST

APPLICANTS / PROPERTY OWNER:

81 Manzanita Ave Novato, CA 94945

SCOPE OF WORK

REMODEL OF EXISTING RESIDENCE. EXPAND THE CONDITIONED MAIN FLOOR LIVING SPACE W/ A NEW PRIMARY SUITE AND AN EXPANDED OFFICE AND HALL BATH. EXPAND THE UNCONDITIONED SPACE AT THE LOWER FLOOR WITH ADDITIONAL STORAGE, AN EXPANDED LAUNDRY ROOM AND BATHROOM. ADD NEW UPPER AND LOWER WRAP AROUND DECKS W/ A LIFT FOR HANDICAP ACCESS. THE UPPER DECK WILL HAVE A TRELLIS ADJACENT TO THE BEDROOMS AND A GREENHOUSE AREA.

157-103-51

OCCUPANCY: R3 Residential

STORIES: 2 Story

NOT REQUIRED - HOUSE IS NOT CURRENTLY SPRINKLERED

TREE NOTE:

NO EXISTING TREES WILL BE REMOVED FOR THIS REMODEL

CAL GREEN NOTE:

ALL REQUIREMENTS IN THE CAL GREEN REPORT ARE HEREBY INCORPORATED INTO THESE PLANS. THEY ARE INCLUDED IN THIS PLAN SET AS SHEET A5.1

HERS TESTING NOTE:

HERS TESTS REQUIRED. SEE TITLE 24 SHEETS FOR REQUIRED TESTS.

WASTE MANAGEMENT

OWNER WILL SUBMIT A LETTER OF INTENT TO HIRE AN APPROVED WASTE MANAGEMENT COMPANY TO COLLECT & DOCUMENT ALL WASTE.

BE SLOPED AWAY FROM THE BUILDING AT A SLOPE OF NOT LESS THAN 6" (5% SLOPE) IN THE FIRST IO FEET MEASURED PERPENDICULAR TO THE FACE OF WALL. IMPERVIOUS SURFACES WITHIN IO FEET OF THE BUILDING SHALL BE SLOPED A MINIMUM OF 2 PERCENT AWAY FROM THE BUILDING

RODENT CONTROL

ANNULAR SPACES AROUND PIPES, ELECTRIC CABLES, CONDUITS, OR OTHER OPENINGS IN SOLE/BOTTOM PLATES AT EXTERIOR WALLS SHALL BE CLOSED WITH CEMENT MORTAR, CONCRETE MASONRY OR A SIMILAR METHOD ACCEPTABLE TO THE ENFORCING AGENCY TO PREVENT PASSAGE OF RODENTS.

WUI NOTE:

PROPOSED AREAS:

(UNCONDITIONED UTILITY SPACES)

SHOP/LAUNDRY/STORAGE: 1,202 sf

(N) STORAGE/BATH/MUD:

(CONDITIONED)

LOWER FLOOR:

GREENHOUSE:

UPPER W/ TRELLIS:

HOUSE & ENTRY STEPS

CARPORT (CONC. PAD)

4830/61855 = 7.8%

CARPORT:

TOTAL:

<u>DECKS</u>

UPPER:

LOWER:

TOTAL:

POND

TOTAL:

PROPOSED

GREENHOUSE:

MAIN FLOOR:

TOTAL:

1,843 sf

2,494 sf

2,019 sf

1,120 sf

3,139 sf

PROVISIONS OF THE 2019 CRC SECTION R337 APPLY

DRAINAGE & PERMEABLE PATHS

GROUND IMMEDIATELY ADJACENT TO THE FOUNDATION SHALL

WILDLAND-URBAN INTERFACE TO THIS PROJECT.

2,551 sf

3,202 sf

437 sf

326 sf

658 sf

2,623 sf

2,024 sf

1,600 sf

4,072 sf

2,726 sf

1,120 sf

658 sf

326 sf

4,830 sf

448 sf

651 sf

GENERAL NOTES

SHEET INDEX RESIDENCE:

Existing Floor Plans

Building Sections

Roof Plan

Proposed Main Floor Plan

Proposed Lower Floor Plan

Existing & Proposed Front Elevations

Existing & Proposed Rear Elevations

Existing & Proposed Side Elevations

Existing & Proposed Side Elevations

APPLICABLE BUILDING CODES:

2022 CALIFORNIA BUILDING CODE (CBC)

2022 CALIFORNIA BUILDING ADMINISTRATIVE CODE

2022 CALIFORNIA EXISTING BUILDING CODE (CEBC)

2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CGBSC

2022 CALIFORNIA RESIDENTIAL BUILDING CODE

2022 CALIFORNIA MECHANICAL CODE (CMC)

2022 CALIFORNIA ELECTRICAL CODE (CEC)

2022 CALIFORNIA PLUMBING CODE (CPC)

2022 CALIFORNIA ENERGY CODE (CENC)

2022 CALIFORNIA GREEN CODE

2022 MARIN COUNTY CODE

Sheet Index, Project Data, Vicinity Map, Site & Roof Plan

Architectural

A2.1

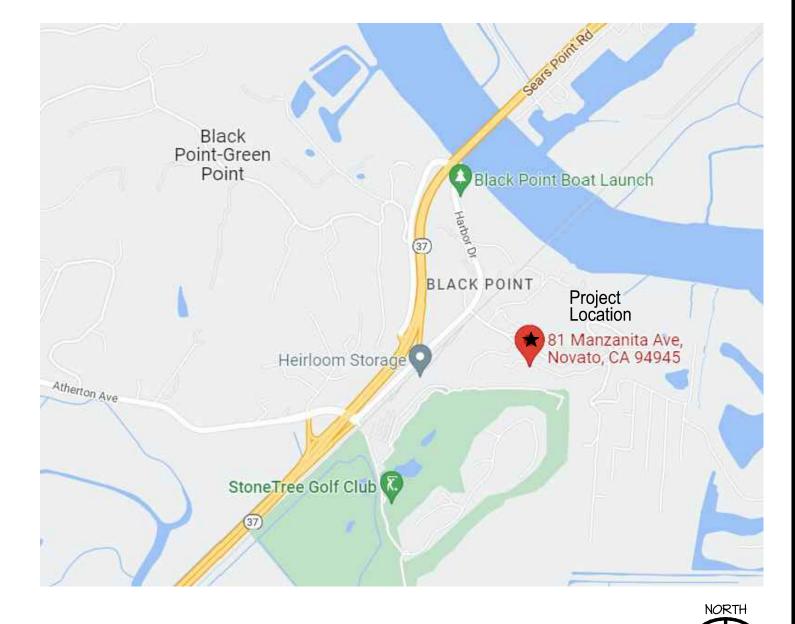
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- CONTRACTOR SHALL FIELD VERIFY ALL PERTINENT DIMENSIONS AND CONDITIONS AND NOTIFY THE OWNER OF ANY DISCREPANCIES PRIOR TO THE COMMENCEMENT OF ANY WORK.
- 2. CHANGES OR SUBSTITUTIONS FROM THE CONSTRUCTION DOCUMENTS SHALL BE MADE ONLY WITH THE APPROVAL OF THE OWNER.
- ALL DIMENSIONS ARE GIVEN TO FACE OF FINISH UNLESS NOTED OTHERWISE.
- DO NOT SCALE THE DRAWINGS. WRITTEN DIMENSIONS GOVERN. PROVIDE BACKING IN WALLS FOR ALL WALL-MOUNTED EQUIPMENT AND CABINETRY.
- 5. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL INSPECTIONS AND APPROVALS REQUIRED BY THE APPLICABLE DEPARTMENTS OF MARIN COUNTY.
- 6. APPROVED ADDRESS NUMBERS SHALL BE PLACED SO THEY ARE PLAINLY VISIBLE & LEGIBLE FROM THE STREET, AND SHALL CONTRAST WITH THE BACKGROUND.
- 7. APPROVED SPARK ARRESTORS SHALL BE INSTALLED ON EACH CHIMNEY / FLUE / VENT USED FOR FIREPLACES AND HEATING APPLIANCES.

CONTRACTOR REQUIREMENTS

- I. DEMO TO SUBMIT ZERO WASTE MARIN RECYCLING AND REUSE FORM
- 2. WADDLES TO BE USED FOR EROSION & SEDIMENT CONTROL
- 3. MARIN LOW CARBON CONCRETE



Vicinity Map

Not to Scale

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Drawings for:

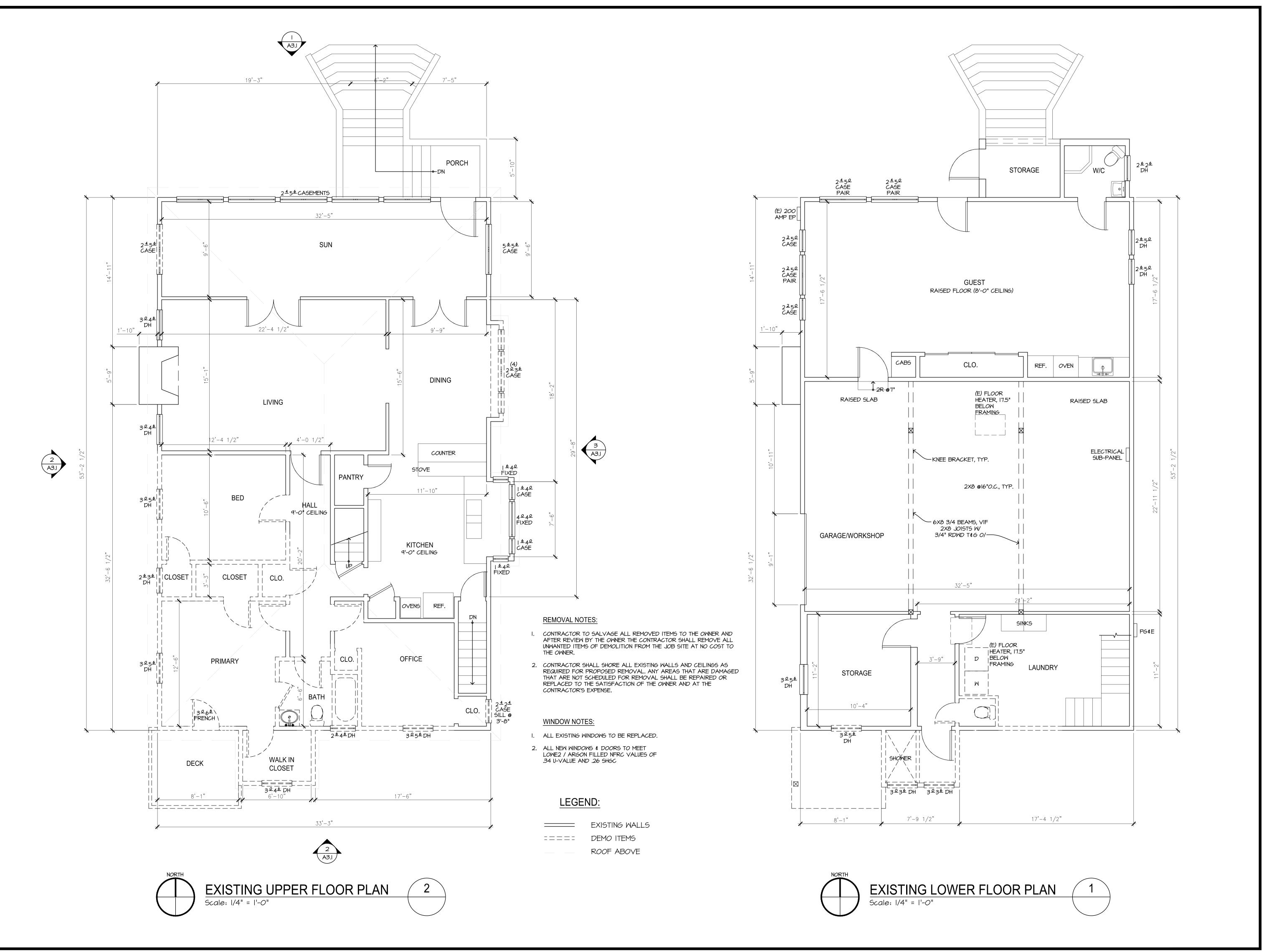
Martha Davis Residence

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n2k Design Review March 18, 2024 SCALE AS NOTED



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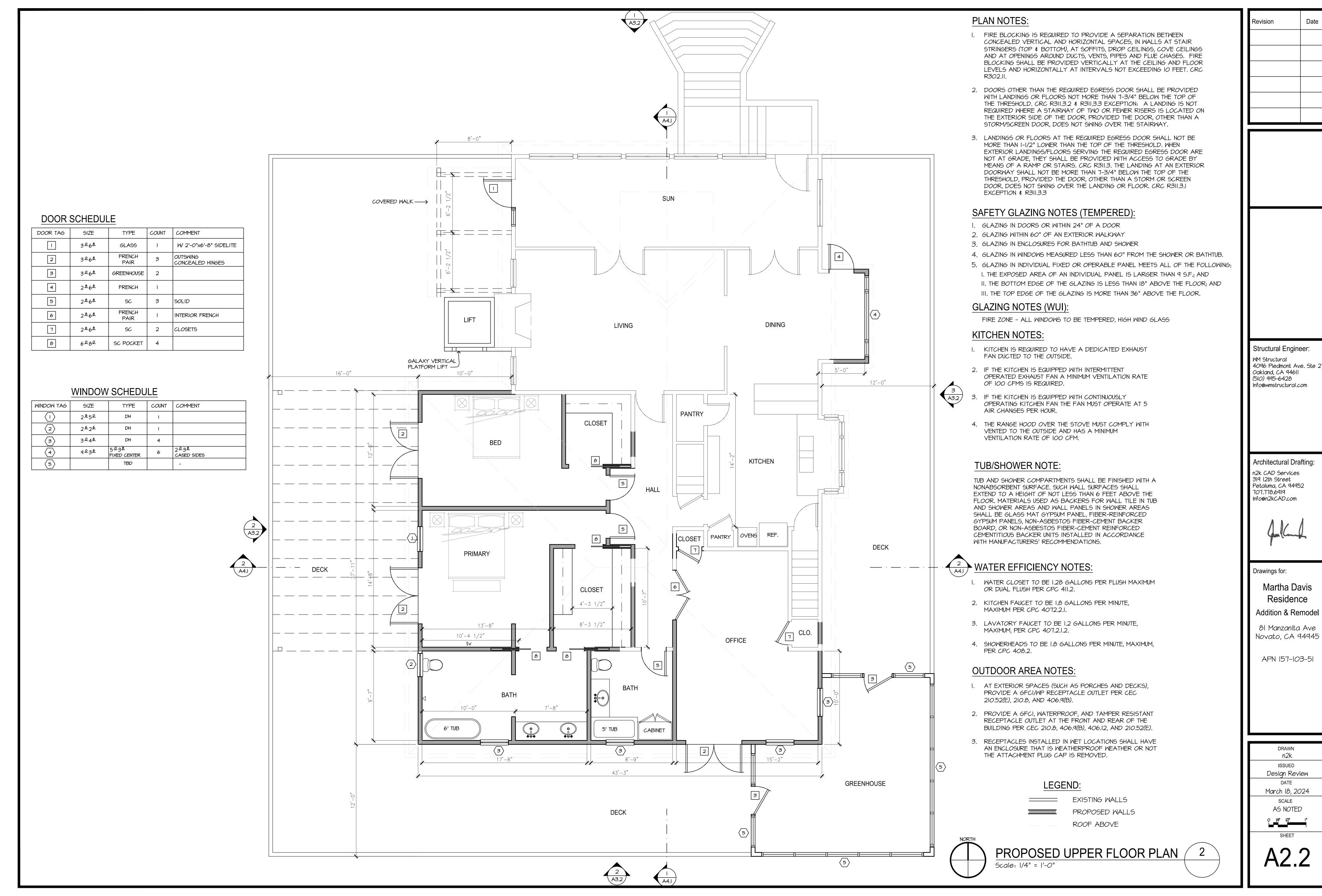
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O 1/4" 1/2" 1"

A2.



______ STORAGE (E) 200 AMP EP CONCRETE STUDIO PARKING CONDITIONED STORAGE UNCONDITIONED GALAXY VERTICAL PLATFORM LIFT ----CONCRETE PARKING 10'-0" ELECTRICAL SUB-PANEL UNCONDITIONED 1/2" TYPE 'X' GYP. BD. SEPARATING SHOP, STORAGE & LAUNDRY FROM RESIDENCE EXTENDS TO UNDERSIDE OF THE UPPER ROOF SHEATHING. LOWER DECK LOWER DECK -**EDGE** PG&E LOWER DECK STORAGE _(N) DECK (N) WALLS LAUNDRY ABOVE ABOVE -> UNCONDITIONED UNCONDITIONED 12'-0" 4'-0" HANGERS FOR COATS / SHOES BATH UNCONDITIONED STORAGE BUILT-IN UNCONDITIONED UNCONDITIONED BENCH 10'-5" 12'-0" 43'-3" LOWER DECK

LOWER DECK EDGE

DOOR SCHEDULE

SIZE

3<u>06₿</u>

3<u>068</u>

3<u>068</u>

2868

2868

SIZE

3º46

TYPE

SC

FRENCH

PAIR

SC PAIR

FRENCH

WINDOW SCHEDULE

COUNT COMMENT

SOLID

TYPE | COUNT | COMMENT

2

CONCEALED HINGES

DOOR TAG

3

MINDOW TAG

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PLAN NOTES:

- I. FIRE BLOCKING IS REQUIRED TO PROVIDE A SEPARATION BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES, IN WALLS AT STAIR STRINGERS (TOP & BOTTOM), AT SOFFITS, DROP CEILINGS, COVE CEILINGS AND AT OPENINGS AROUND DUCTS, VENTS, PIPES AND FLUE CHASES. FIRE BLOCKING SHALL BE PROVIDED VERTICALLY AT THE CEILING AND FLOOR LEVELS AND HORIZONTALLY AT INTERVALS NOT EXCEEDING 10 FEET. CRC R302 II
- 2. DOORS OTHER THAN THE REQUIRED EGRESS DOOR SHALL BE PROVIDED WITH LANDINGS OR FLOORS NOT MORE THAN 7-3/4" BELOW THE TOP OF THE THRESHOLD. CRC R3II.3.2 & R3II.3.3 EXCEPTION: A LANDING IS NOT REQUIRED WHERE A STAIRWAY OF TWO OR FEWER RISERS IS LOCATED ON THE EXTERIOR SIDE OF THE DOOR, PROVIDED THE DOOR, OTHER THAN A STORM/SCREEN DOOR, DOES NOT SWING OVER THE STAIRWAY.
- 3. LANDINGS OR FLOORS AT THE REQUIRED EGRESS DOOR SHALL NOT BE MORE THAN I-I/2" LOWER THAN THE TOP OF THE THRESHOLD. WHEN EXTERIOR LANDINGS/FLOORS SERVING THE REQUIRED EGRESS DOOR ARE NOT AT GRADE, THEY SHALL BE PROVIDED WITH ACCESS TO GRADE BY MEANS OF A RAMP OR STAIRS. CRC R3II.3. THE LANDING AT AN EXTERIOR DOORWAY SHALL NOT BE MORE THAN 7-3/4" BELOW THE TOP OF THE THRESHOLD, PROVIDED THE DOOR, OTHER THAN A STORM OR SCREEN DOOR, DOES NOT SWING OVER THE LANDING OR FLOOR. CRC R3II.3.I EXCEPTION & R3II.3.3

SAFETY GLAZING NOTES (TEMPERED):

- I. GLAZING IN DOORS OR WITHIN 24" OF A DOOR
- 2. GLAZING WITHIN 60" OF AN EXTERIOR WALKWAY
- 3. GLAZING IN ENCLOSURES FOR BATHTUB AND SHOWER
- 4. GLAZING IN WINDOWS MEASURED LESS THAN 60" FROM THE SHOWER OR BATHTUB.
- 5. GLAZING IN INDIVIDUAL FIXED OR OPERABLE PANEL MEETS ALL OF THE FOLLOWING;
 I. THE EXPOSED AREA OF AN INDIVIDUAL PANEL IS LARGER THAN 9 S.F.; AND
- II. THE BOTTOM EDGE OF THE GLAZING IS LESS THAN 18" ABOVE THE FLOOR; AND III. THE TOP EDGE OF THE GLAZING IS MORE THAN 36" ABOVE THE FLOOR.

GLAZING NOTES (WUI):

FIRE ZONE - ALL WINDOWS TO BE TEMPERED, HIGH WIND GLASS

KITCHEN NOTES:

- I. KITCHEN IS REQUIRED TO HAVE A DEDICATED EXHAUST FAN DUCTED TO THE OUTSIDE.
- IF THE KITCHEN IS EQUIPPED WITH INTERMITTENT OPERATED EXHAUST FAN A MINIMUM VENTILATION RATE OF IOO CFMS IS REQUIRED.
- 3. IF THE KITCHEN IS EQUIPPED WITH CONTINUOUSLY OPERATING KITCHEN FAN THE FAN MUST OPERATE AT 5 AIR CHANGES PER HOUR.
- 4. THE RANGE HOOD OVER THE STOVE MUST COMPLY WITH VENTED TO THE OUTSIDE AND HAS A MINIMUM VENTILATION RATE OF 100 CFM.

TUB/SHOWER NOTE:

TUB AND SHOWER COMPARTMENTS SHALL BE FINISHED WITH A NONABSORBENT SURFACE. SUCH WALL SURFACES SHALL EXTEND TO A HEIGHT OF NOT LESS THAN 6 FEET ABOVE THE FLOOR. MATERIALS USED AS BACKERS FOR WALL TILE IN TUB AND SHOWER AREAS AND WALL PANELS IN SHOWER AREAS SHALL BE GLASS MAT GYPSUM PANEL, FIBER-REINFORCED GYPSUM PANELS, NON-ASBESTOS FIBER-CEMENT BACKER BOARD, OR NON-ASBESTOS FIBER-CEMENT REINFORCED CEMENTITIOUS BACKER UNITS INSTALLED IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS.

WATER EFFICIENCY NOTES:

- I. WATER CLOSET TO BE 1.28 GALLONS PER FLUSH MAXIMUM OR DUAL FLUSH PER CPC 411.2.
- KITCHEN FAUCET TO BE I.8 GALLONS PER MINUTE, MAXIMUM PER CPC 4072.2.I.
- LAVATORY FAUCET TO BE I.2 GALLONS PER MINUTE, MAXIMUM, PER CPC 407.2.I.2.
- 4. SHOWERHEADS TO BE I.8 GALLONS PER MINUTE, MAXIMUM, PER CPC 408.2.

OUTDOOR AREA NOTES:

- I. AT EXTERIOR SPACES (SUCH AS PORCHES AND DECKS), PROVIDE A GFCI/WP RECEPTACLE OUTLET PER CEC 210.52(E), 210.8, AND 406.9(B).
- 2. PROVIDE A GFCI, WATERPROOF, AND TAMPER RESISTANT RECEPTACLE OUTLET AT THE FRONT AND REAR OF THE BUILDING PER CEC 210.8, 406.9(B), 406.12, AND 210.52(E).
- 3. RECEPTACLES INSTALLED IN WET LOCATIONS SHALL HAVE AN ENCLOSURE THAT IS WEATHERPROOF WEATHER OR NOT THE ATTACHMENT PLUG CAP IS REMOVED.

LEGEND:

EXISTING WALLS

PROPOSED WALLS

ROOF ABOVE



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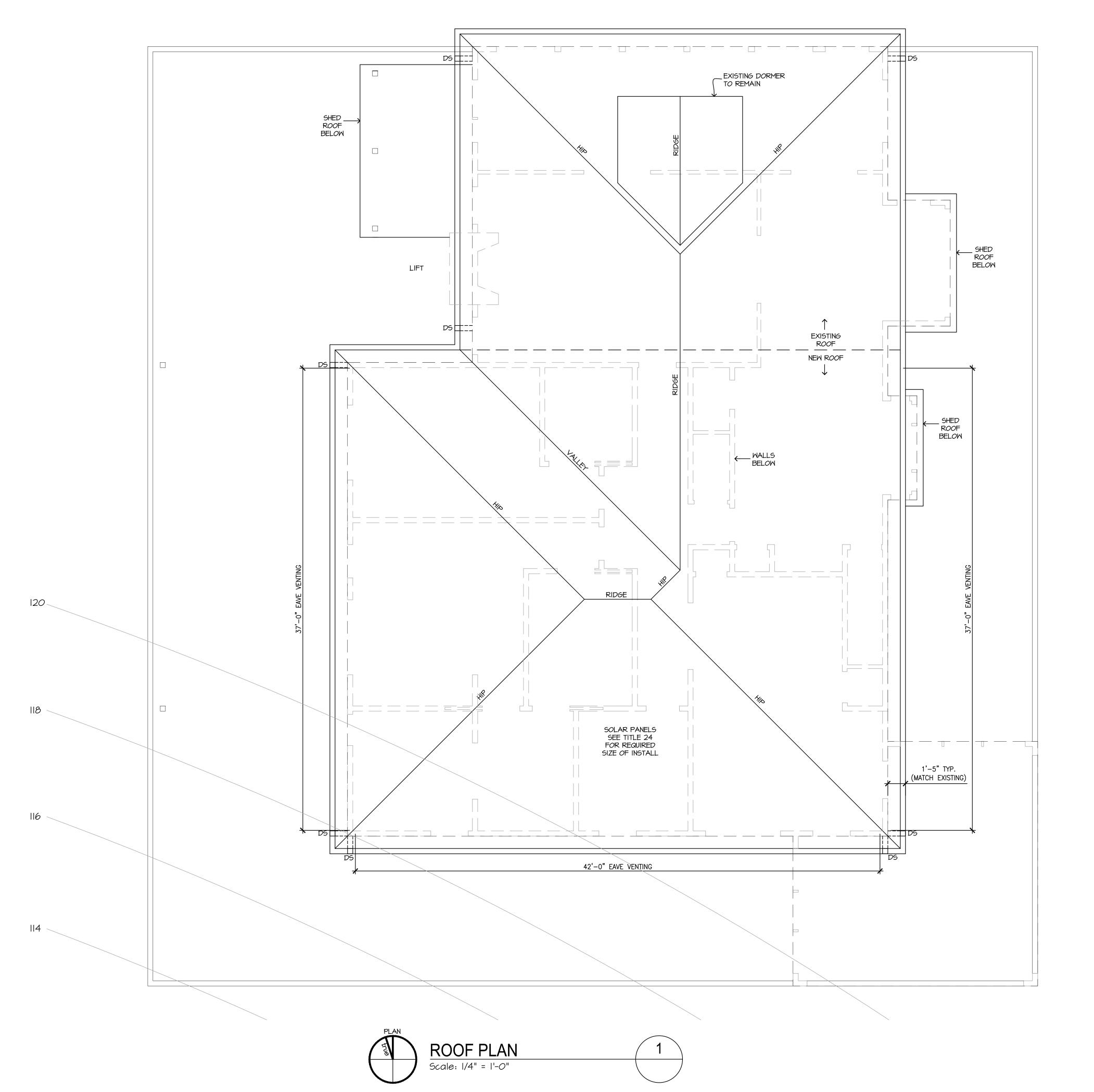
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SCALE AS NOTED 0 1/4" 1/2" 1"

SHEET

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WUI WALKING SURFACE NOTES:

THE WALKING SURFACE MATERIAL OF DECKS, PORCHES, BALCONIES AND STAIRS SHALL BE CONSTRUCTED WITH ONE OF THE FOLLOWING MATERIALS IN COMPLIANCE W/ CBC 709A.3, CRC 327.9.3

- a. IGNITION RESISTANT MATERIAL
- b. EXTERIOR FIRE-RETARDANT TREATED WOOD
- c. NONCOMBUSTIBLE MATERIAL
- d. ANY MATERIAL COMPLIANT WITH PERFORMANCE REQUIREMENTS OF SFM STANDARD 12-7A-4A, WHEN ATTACHED WALL COVERING IS ALSO EITHER NONCOMBUSTIBLE OR IGNITION RESISTANT MATERIAL.

WUI ROOF DECK NOTES:

THE EXPOSED ROOF DECK ON THE UNDERSIDE OF THE ENCLOSED ROOF EAVES SHALL CONSIST OF THE FOLLOWING PER CRC 327.7.4

- a. NONCOMBUSTIBLE MATERIAL
- b. IGNITION RESISTANT MATERIAL
- c. ONE LAYER OF 5/8" TYPE 'X' GYPSUM SHEATHING APPLIED BEHIND AN EXTERIOR COVERING ON THE UNDERSIDE EXTERIOR OF THE ROOF DECK
- d. THE EXTERIOR PORTION OF A I-HOUR FIRE RESISTIVE EXTERIOR WALL ASSEMBLY APPLIED TO THE UNDERSIDE OF THE ROOF DECK DESIGNED FOR EXTERIOR FIRE EXPOSURE INCLUDING ASSEMBLIES USING THE GYPSUM PANEL AND SHEATHING PRODUCTS LISTED IN THE GYPSUM ASSOCIATION FIRE RESISTANT DESIGN MANUAL.
- e. CLASS A ROOFING

SOLAR NOTE:

PHOTOVOLTAIC SYSTEM SHALL BE SUBMITTED UNDER A SEPARATE BUILDING PERMIT APPLICATION. THE REQUIRED DRAWINGS AND DOCUMENTS FOR THE PHOTOVOLTAIC SYSTEM SHALL BE SUBMITTED AND APPROVED PRIOR TO THE ROOF SHEATHING INSPECTION.

ATTIC VENTILATION CALCS MAIN HOUSE:

ATTIC VENTILATION REQUIRED; 1843 SQ. FT. AT 1:150 = 1769 SQ. IN. OF VENTILATION.

ATTIC VENTILATION PROVIDED;
(N) EAVE LENGTH = 37' + 37' + 42' = 116' LINEAR FEET AVAILABLE
EAVE VENTING = 100 LIN. FT. OF 2" BANDGARD WUI APPROVED
CONTINUOUS VENTING OR EQUAL = 2,400 SQ. IN.
RIDGE VENTING = NONE REQUIRED
2,400 SQ. IN. > 1,769 SQ. IN.

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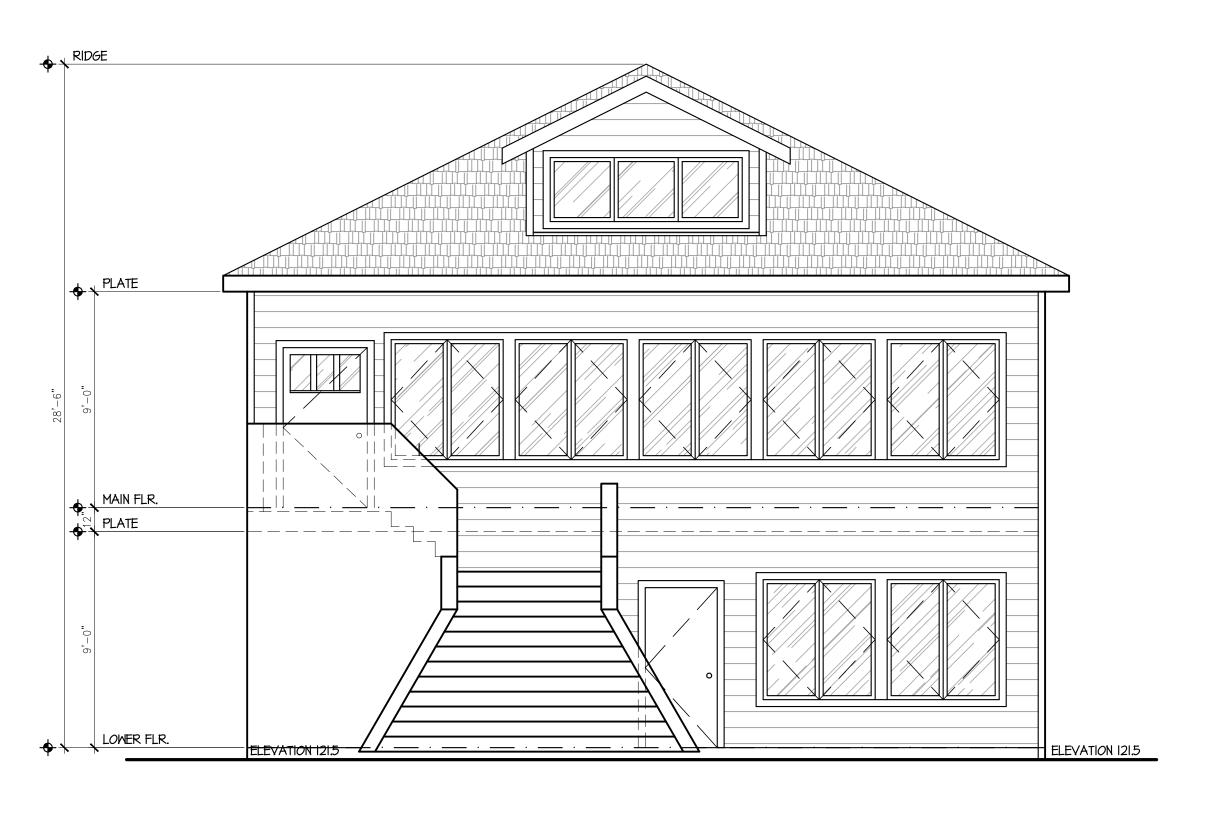
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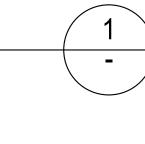
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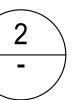
EXISTING FRONT ELEVATION - NORTH Scale: 1/4" = 1'-0"





PROPOSED FRONT ELEVATION - NORTH

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



Revision Date

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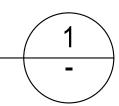
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SHEET

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EXISTING REAR ELEVATION - SOUTH Scale: 1/4" = 1'-0"





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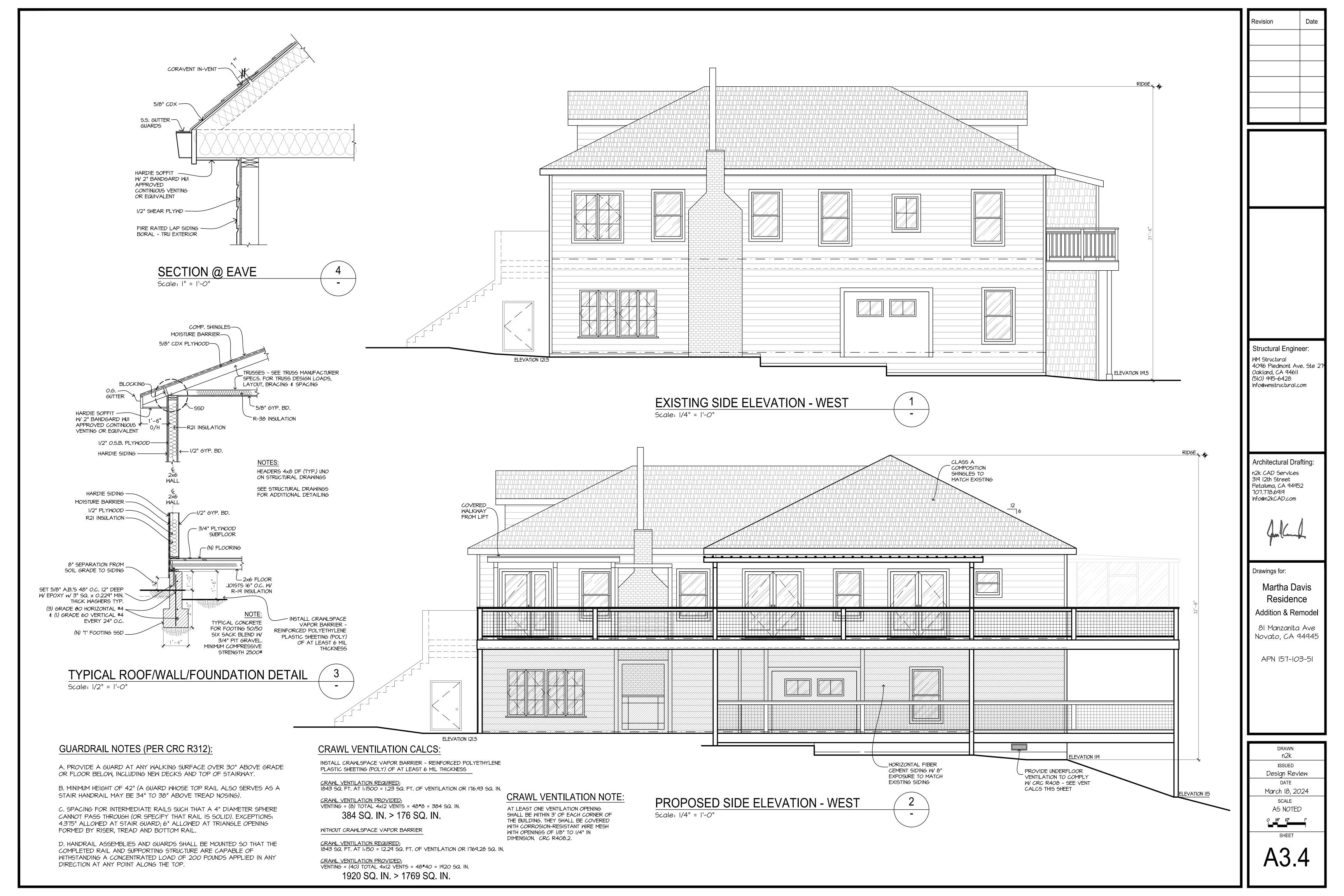
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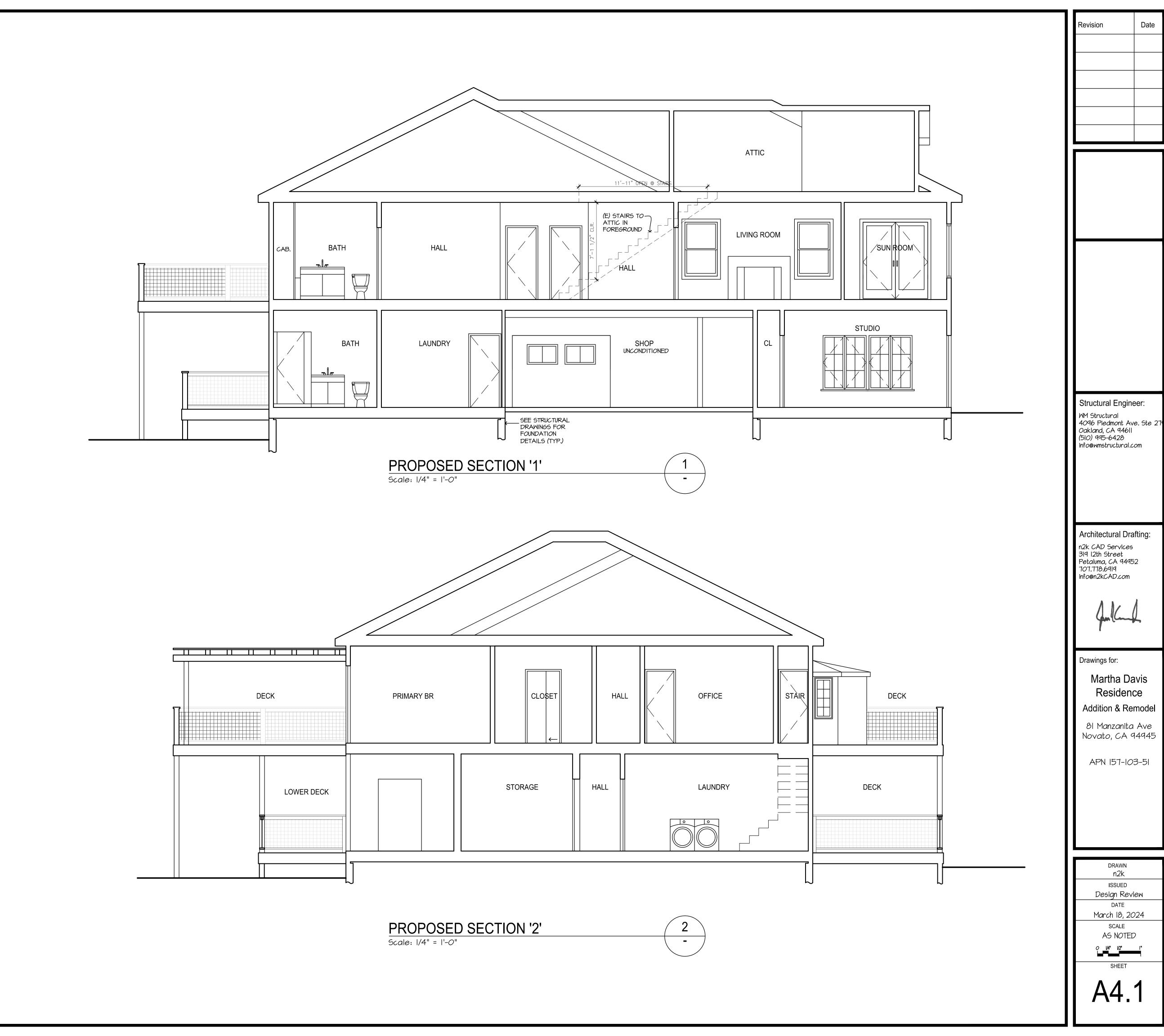
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