

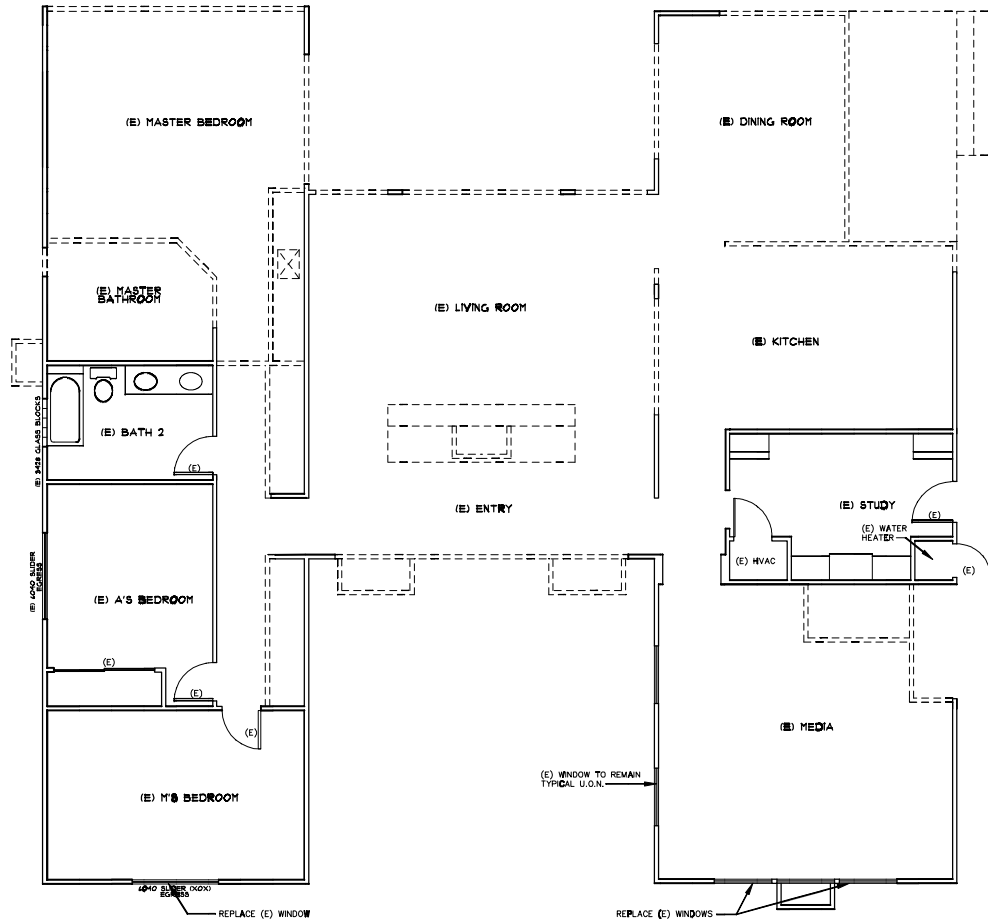
THE AYLARD RESIDENCE

GENERAL NOTES	APPLICABLE CODES	PROJECT DATA	SHEET INDEX	CONSULTANTS						
<ol style="list-style-type: none"> COMPLY WITH ALL PROVISIONS OF CBC 2001, CPC 2001, CEC 2001 & CMC 2001. WEATHERSTOP ALL EXTERIOR DOORS & WINDOWS. <ol style="list-style-type: none"> USE LOW FLUSH WATER CLOSETS (1.6 GAL MAX) ALL FAUCETS SHALL HAVE FLOW CONTROL AERATORS WHICH LIMIT WATER DELIVERY TO NO MORE THAN 2.2 GALLONS PER MINUTE FOR SINK AND LAVATORY AND TO NO MORE THAN 2.5 GALLONS PER MINUTE FOR SHOWERS. SEE HEAT LOSS CALCS FOR ACTUAL GLASS AREA. ALL GLAZING SHALL BE DOUBLE PANE EXCEPT GARAGE. PROMOTE FRIEDOOKING IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS, INCLUDING FURRED SPACES, AT STAIRS IF APPLICABLE, AT CEILING AND FLOOR LEVELS, AND AT 10' INTERVALS BOTH VERTICAL AND HORIZONTAL. MAINTAIN 18" CLEAR FROM LIGHT TO COMBUSTIBLE MATERIALS AT BALCONY CLOSETS. GYP-SUM BOARD SHALL BE AS FOLLOWS: <ol style="list-style-type: none"> WALLS AND CEILING FRAMING AT 16" O.C. - 1/2" GYP BOARD FRAMING AT 24" O.C. - 5/8" GYP BOARD ALL INTERIOR WALLS AND CEILINGS TO BE TAPER AND TEXTURED, U.G.N. ALL INSULATION MATERIAL SHALL HAVE A FLAME SPREAD RATING NOT TO EXCEED 25 AND A SMOKE DENSITY NOT TO EXCEED 450. PROMOTE SEISMIC ANCHORAGE OF APPLIANCES PER CMC SECTION 304.4. PROVIDE ADEQUATE VOLUME OF OUTSIDE COMBUSTION AIR TO ALL APPLIANCES PER CMC 701.1 AND 701.3. ALL SMOKE DETECTORS SHALL BE 10V WITH BATTERY BACK-UP. ALL SHOWERS AND TUBS SHALL BE PROVIDED WITH A PRESSURE BALANCED OR THERMOSTATIC MIXING VALVE LIMITING WATER TEMPERATURE TO 120 F. WINDOWS PROVIDED AS ESCAPE OPENINGS SHALL HAVE A MINIMUM NET CLEAR OPENING OF 5.7 SQUARE FEET; MINIMUM NET CLEAR OPENING HEIGHT OF 24 INCHES; MINIMUM NET CLEAR OPENING WIDTH OF 20 INCHES; SILL HEIGHTS NOT MORE THAN 44 INCHES ABOVE THE FLOOR, OPENING DIRECTLY TO STREET, PUBLIC ALLEY, YARD OR EXIT COURT PER CBC 310.4. WATER HAMMER CONTROL SHALL BE PROVIDED AT CLOTHES WASHER AND DRYER PER CPC 609.10. ALL EXTERIOR WALL COMPONENTS SHALL BE APPROVED FOR EXTERIOR USE. 	<ol style="list-style-type: none"> ALL CONSTRUCTION SHALL COMPLY WITH THE REQUIREMENTS OF THE LATEST EDITION OF THE CALIFORNIA BUILDING CODE (CBC) AND ANY AND ALL OTHER APPLICABLE CODES AS ADOPTED BY THE LOCAL BUILDING DEPARTMENT WITH JURISDICTION, INCLUDING THE FOLLOWING: <ul style="list-style-type: none"> THE CALIFORNIA ELECTRICAL CODE (CEC) THE CALIFORNIA MECHANICAL CODE (CMC) THE CALIFORNIA PLUMBING CODE (CPC) THE CALIFORNIA SECURITY CODE (CSC) THE CALIFORNIA STATE ENERGY STANDARDS DIMENSIONS SHALL NOT BE SCALED FROM THESE DRAWINGS. WRITTEN DIMENSIONS SHALL GOVERN. CONFLICTS WITHIN THE DRAWINGS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE DESIGNER. ANY DISCREPANCY OR CONFLICT BETWEEN DEPICTED CONDITIONS AND FIELD CONDITIONS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE DESIGNER. DIMENSIONS AND FIELD CONDITIONS SHALL BE EXAMINED AND VERIFIED PRIOR TO CONSTRUCTION. THESE DRAWINGS SHALL NOT BE USED FOR ANY OTHER PROJECT IN WHOLE OR IN PART BY ANYONE NOT HAVING A CONTRACT WITH THE ARCHITECT OR WITHOUT THE WRITTEN CONSENT OF THE DESIGNER. 	<p>OWNER Steve and Sarah Aylard 1188 Monticello Road Napa CA 94958</p> <p>PROJECT ADDRESS 1188 Monticello Road Napa CA 94958</p> <p>APR# 200800</p> <p>TYPE OF CONSTRUCTION VN</p> <p>TYPE OF OCCUPANCY RS</p> <p>AREAS</p> <table border="1"> <tr> <td>Existing Living Area</td> <td>2802 SF</td> </tr> <tr> <td>New Living Area</td> <td>605 SF</td> </tr> <tr> <td>Total Living Area</td> <td>3407 SF</td> </tr> </table>	Existing Living Area	2802 SF	New Living Area	605 SF	Total Living Area	3407 SF	<p>ARCHITECTURAL DRAWINGS</p> <ol style="list-style-type: none"> Title Sheet Site Plan Title 24 - Energy Calculations Title 24 - Energy Calculations Demolition Plan Proposed Floor Plan Existing Exterior Elevations Proposed Exterior Elevations Roof Plan Sections Ventilation Calculations Architectural Details Not Used Not Used Not Used Not Used Reflected Ceiling Plan Electrical Layout <p>STRUCTURAL DRAWINGS</p> <ol style="list-style-type: none"> General Notes Typical Details Foundation and First Floor Framing Plan Roof Framing Plan Foundation and First Floor Framing Details Roof Framing Details 	<p>DESIGNER A. QUINN WELTON DESIGN 2816 YANKEE VALLEY ROAD HIDDEN VALLEY LAKE CA 94411 101-881-0202</p> <p>STRUCTURAL ENGINEER TERENCE LEE CONSULTING STRUCTURAL ENGINEERS 193 SEVILLE STREET SAN JUAN CA 95403 101-827-0542</p> <p>TITLE 24 SOL DAVA ENERGY CONSULTANTS SARAH PEREIRA 401 F. COLLEGE AVE SAN JUAN, CA 95401 101-848-4440</p> <p>VICINITY MAP</p>
Existing Living Area	2802 SF									
New Living Area	605 SF									
Total Living Area	3407 SF									

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DEMOLITION NOTES

- EXISTING ELEMENTS SHOWN ON THESE PLANS REPRESENT ASSUMED CONDITIONS BASED ON EXISTING PLANS, IF MAKE AVAILABLE, DOCUMENTATION BY OTHERS AND ROOM STANDARD CONSTRUCTION PRACTICES. IT IS NOT WARRANTED THAT THE CONDITIONS SHOWN ARE TOTALLY REPRESENTATIVE OF THOSE EXISTING. OWNER AND CONTRACTOR SHALL INVESTIGATE EXISTING CONDITIONS PRIOR TO START OF CONSTRUCTION.
- OWNER AND CONTRACTOR SHOULD BE AWARE THAT EXPOSED CONDITIONS MAY DIFFER FROM THOSE WHICH ARE CONCEALED BY FINISHES, COVER BELOW GRADE OR ARE SUBJECT TO CHANGES DUE TO TIME, ENVIRONMENT OR MODIFICATION BY OTHERS.
- EXISTING CONDITIONS INDICATED AS EXISTING (E) OR VERIFY IN FIELD (V.I.F.) REQUIRE THAT THE CONTRACTOR EITHER VERIFY THE PRESENCE OF SUCH CONDITIONS, PROVIDE NEW MATERIALS TO CREATE SUCH CONDITIONS, OR NOTIFY DESIGNER OF CONFLICTING CONDITION.
- OWNER AND CONTRACTOR SHALL IMMEDIATELY CONSULT WITH THE DESIGNER WHERE VISUAL OBSERVATION OR DEMOLITION EXPOSES EXISTING CONDITIONS WHICH CONFLICT WITH THE CONSTRUCTION DOCUMENTS OR REVEAL DAMAGED OR DETERIORATED STRUCTURAL OR ARCHITECTURAL ELEMENTS THAT ARE TO REMAIN AS PART OF THE FINISHED PRODUCT.
- OWNER OR CONTRACTOR SHOULD NOTIFY LOCAL GOVERNING AUTHORITY IF VISUAL INSPECTION OR DEMOLITION REVEALS THE PRESENCE OF HAZARDOUS MATERIALS IN ANY FORM AT THE PROJECT SITE, INCLUDING BUT NOT LIMITED TO, ASBESTOS, ASBESTOS PRODUCTS, PCB'S OR OTHER TOXIC SUBSTANCES.
- CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF ALL TEMPORARY SHORING AND BRACING OF THE EXISTING STRUCTURE DURING CONSTRUCTION.
- DEMOLITION PLANS ARE TO ASSIST THE CONTRACTOR IN THE GENERAL DETERMINATION OF THOSE ITEMS TO BE REMOVED AND RELOCATED. CONTRACTOR IS TO REVIEW ALL DRAWINGS AND SPECIFICATIONS TO DETERMINE THE COMPLETE SCOPE OF DEMOLITION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ALL DAMAGE TO EXISTING ITEMS TO REMAIN AS PART OF THE EXPANSION AND REMODELING.
- DURING CONSTRUCTION, MAINTAIN FIRE VEHICLE AND PERSONNEL ACCESS THROUGHOUT CONSTRUCTION.

DEMOLITION LEGEND	
	WALLS TO REMAIN
	ELEMENT TO BE DEMOLISHED



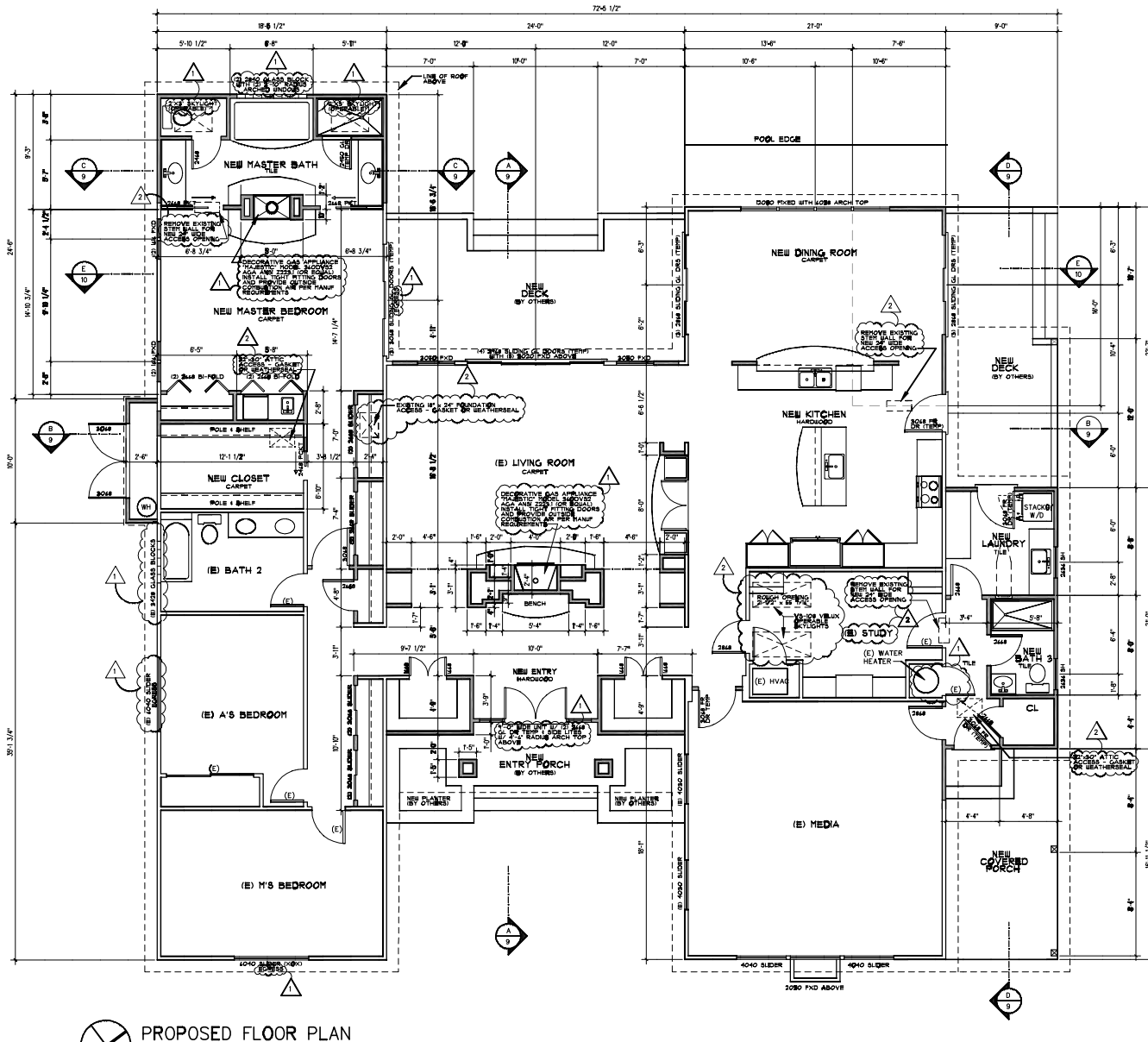
DEMOLITION PLAN

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

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FLOOR PLAN NOTES

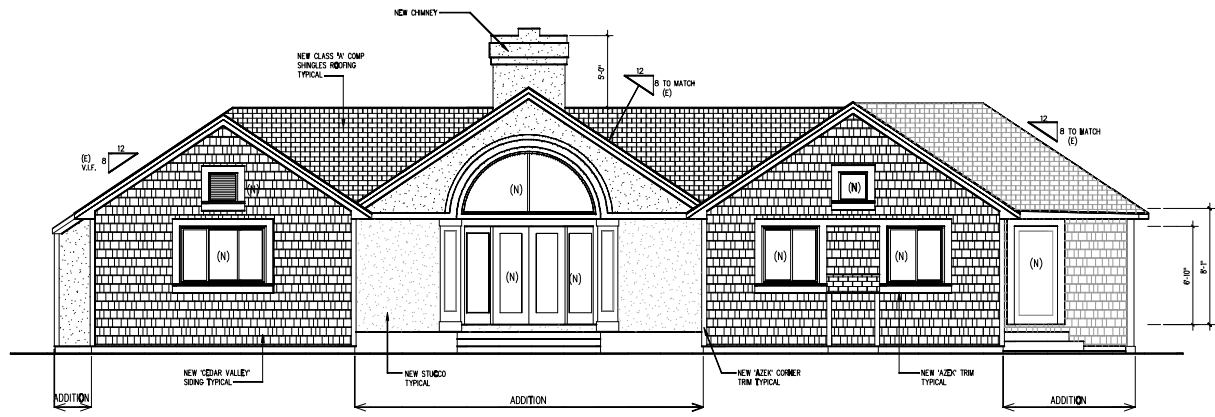
- SHOWERS AND TUBS WITH SHOWERS REQUIRE A NON-ABSORBENT SURFACE UP TO 70" ABOVE THE DRAIN INLET. PROVIDE CURTAIN ROD OR APPROVED ENCLOSURE MATERIAL (UBC CHAPTER 8).
- WHEN GYPSUM BOARD IS USED AS A BASE FOR TILE OR WALL PANELS IN TUB AND DRESSING ENCLOSURES AND WATER CLOSET COMPARTMENT WALLS (SEE CHAPTER 4, UBC) WATER-RESISTANT GYPSUM BOARDING BOARD COMPLYING WITH ASTM C 685 SHALL BE USED (UBC CHAPTER 25).
- PRE-MANUFACTURED ITEMS INCLUDING, BUT NOT LIMITED TO, FIREPLACES, WOOD-BURNING STOVES, FIXTURES, EQUIPMENT AND APPLIANCES SHALL BE INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS.
- WATER CLOSETS SHALL BE LOCATED IN A SPACE NOT LESS THAN 30" IN WIDTH WITH 24" MINIMUM CLEARANCE IN FRONT (UBC CHAPTER 29).
- CONTRACTOR SHALL VERIFY IN FIELD (V.I.F.) EXACT WINDOW DIMENSIONS, ROUGH OPENING SIZES AND ALL GLAZING REQUIREMENTS PRIOR TO PLACING ORDER WITH WINDOW MANUFACTURER.
- SEE ALSO TITLE 24 ENERGY COMPLIANCE DOCUMENTS FOR ADDITIONAL INFORMATION, REQUIREMENTS AND MANDATORY ENERGY COMPLIANCE ACCESSORIES.
- SEE ALSO APPLICABLE NOTES UNDER "ELECTRICAL NOTES."
- ALL DOORS & WINDOWS ARE MILLIGARD FIBERGLASS EXCEPT FOR ARCHED WINDOWS TO BE MILLIGARD ALUMINUM.

WALL LEGEND	
	EXISTING WALLS TO REMAIN
	NEW WALLS

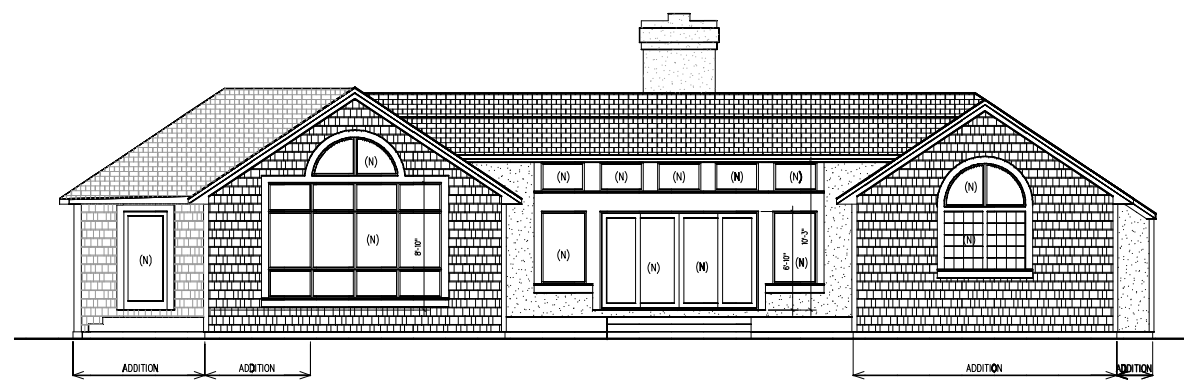
PROPOSED FLOOR PLAN
 SCALE: 1/4"=1'-0"
 REFERENCE NORTH

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① EAST ELEVATION
SCALE: 1/4"=1'-0"

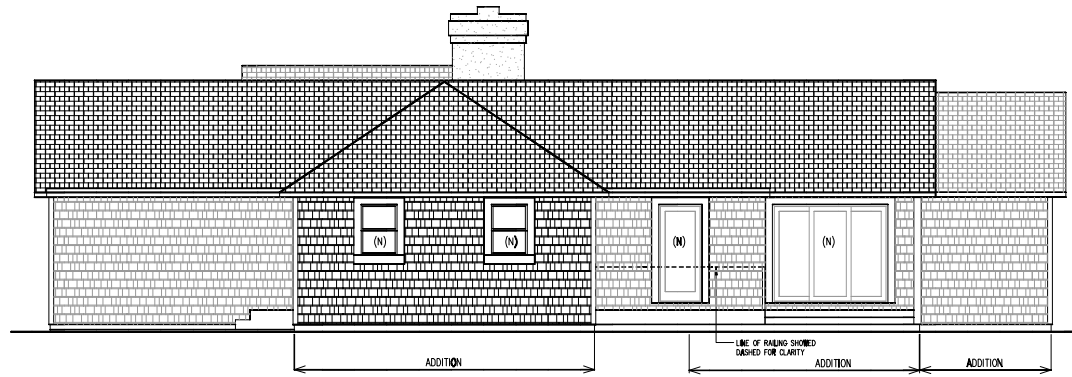


② WEST ELEVATION
SCALE: 1/4"=1'-0"

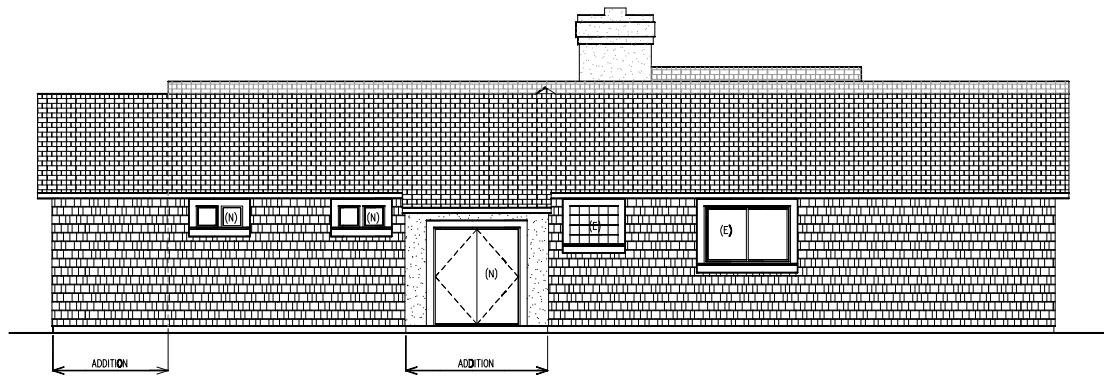
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1 NORTH ELEVATION
SCALE: 1/4"=1'-0"

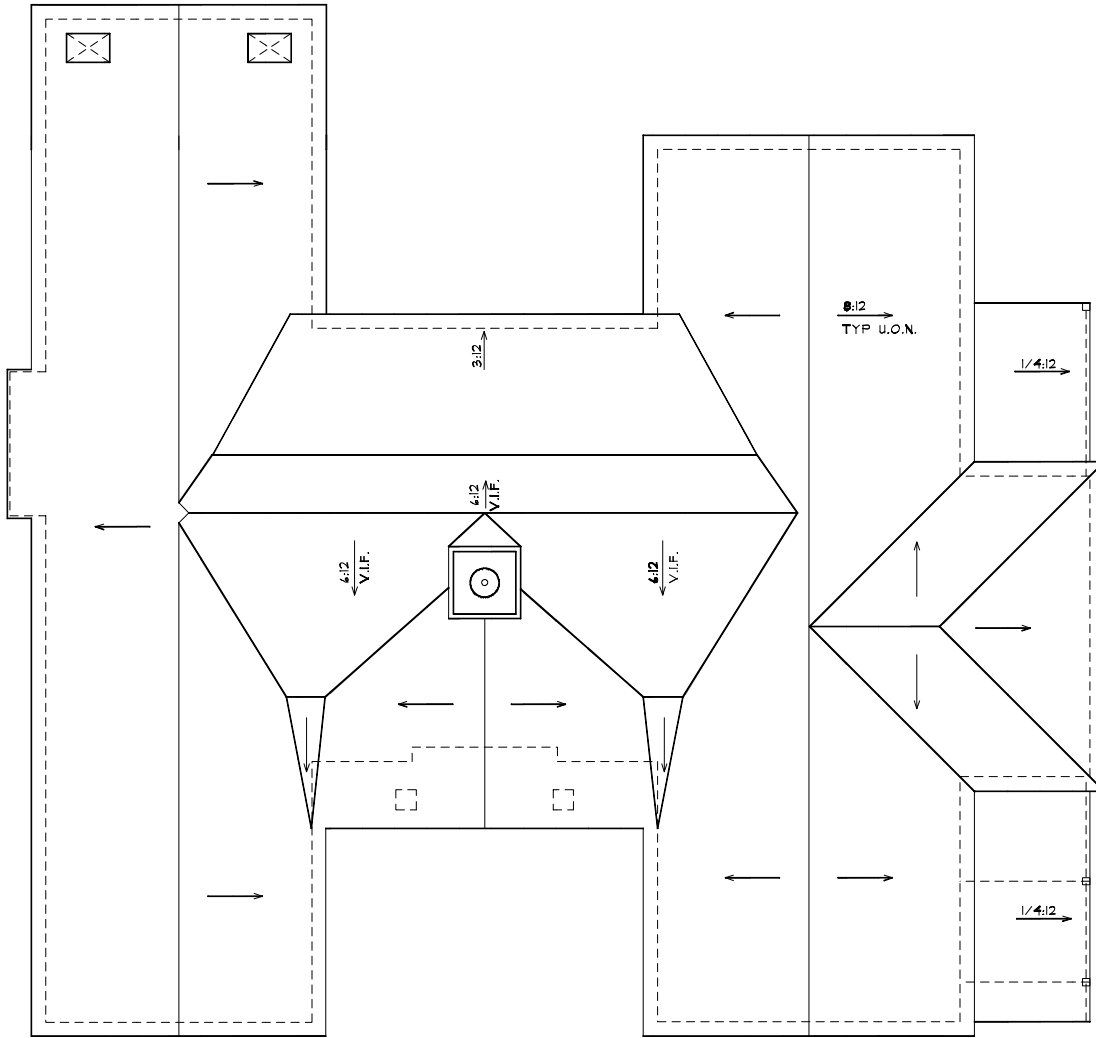


2 SOUTH ELEVATION
SCALE: 1/4"=1'-0"

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PROPOSED ROOF PLAN

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

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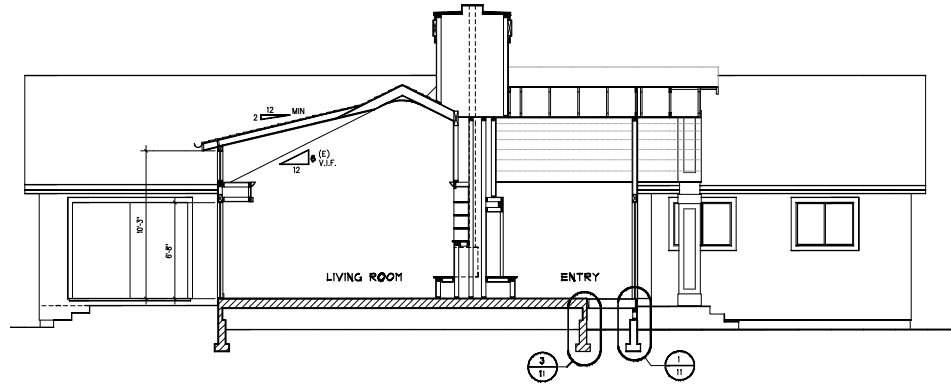
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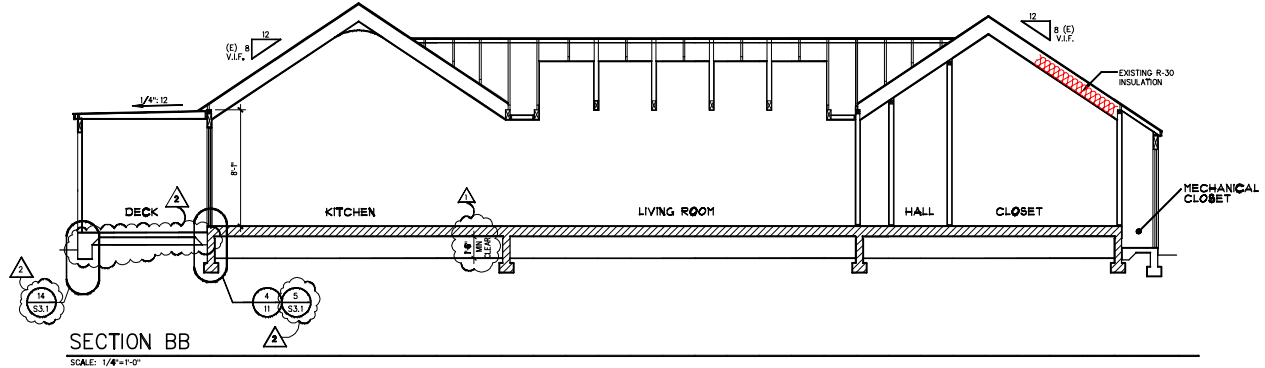
ROOF ASSEMBLY:
 EXISTING CONCRETE TILE ROOFING TO BE REPLACED WITH NEW CLASS 'A' 30 YEAR COMP SHINGLES OVER EXISTING 1/2" SHIP SHEATHING TO BE REPLACED WITH NEW 5/8" CDX PLYWOOD AND NEW 15 LB FELT PAPER WITH NEW R-30 BATT INSULATION.

WALL ASSEMBLY:
 NEW 2 X 4 @#2 AT 16" O.C. STUD WALL WITH 1/2" GYPSUM BOARD INSIDE WITH R-13 BATT INSULATION IN BETWEEN WITH SIDING EXTERIOR.
 REPLACE 1 X 8 HORIZONTAL SIDING AND ADD NEW 7/8" CEDAR VALLEY SIDING 7/8" CEDAR VALLEY SIDING OVER 3/4" PLYWOOD SHEATHING OR STUCCO EXTERIOR.
 MINIMUM 7/8" (3) COATS OF STUCCO OVER METAL LATH AND (2) LAYERS OF GRADE 17 BUILDING PAPER OVER 3/4" PLYWOOD SHEATHING SEE ELEVATIONS FOR SIDING AND STUCCO LOCATIONS

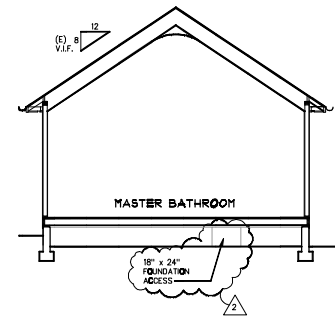
FLOOR ASSEMBLY:
 NEW 2 X 6 @#2 AT 16" O.C. FLOOR JOISTS WITH 3/4" CDX PLYWOOD SUBFLOOR WITH R-19 INSULATION IN BETWEEN



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



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



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

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ATTIC VENTILATION CALCULATION

* PROVIDE 1 SQUARE FOOT OF VENTILATION PER 300 SQUARE FEET OF ATTIC AREA
 HALF SHALL BE PROVIDED AT RAFTERS (LOW VENTING) AND HALF SHALL BE PROVIDED AT LEAST
 50' ABOVE LOW VENTING (HIGH VENTING)

I. NEW LAUNDRY/BATH 3 AREA:

$\frac{190 \text{ SQ. FT. ATTIC}}{300} = 0.63 \text{ SQ. FT. (TOTAL VENTILATION REQUIRED)}$
 $= 0.63 \times 144 = 91 \text{ SQ. IN. (CONVERSION TO INCHES)}$

* AT EAVES: $1 \frac{1}{2}" \times \text{HOLE} = 1.77 \text{ SQ. IN. NET FREE VENT AREA}$
 PROVIDE (3) $1 \frac{1}{2}" \times 8$ HOLES EACH RAFTER SPACE x AT 8 RAFTER SPACES
 $3 \text{ HOLES} \times 1.77 \text{ SQ. IN. PER HOLE} \times 8 \text{ RAFTER SPACES} = 47 \text{ SQ. IN.}$

* AT RIDGE: CORN-A-VENT Y-300 CLASS 1" RIDGE VENT = 13.5 SQ. IN. NFVA PER LINEAL FOOT
 PROVIDE 4 LINEAL FEET OF RIDGE VENT
 $4 \text{ LINEAL FEET} \times 13.5 \text{ SQ. IN. /FOOT} = 54 \text{ SQ. IN.}$

* TOTAL ATTIC VENTILATION = $47 \text{ SQ. IN.} + 54 \text{ SQ. IN.} = 101 \text{ SQ. IN.} > 91 \text{ SQ. IN.} \checkmark$ O.K.

II. NEW MASTER BATH AREA:

$\frac{190 \text{ SQ. FT. ATTIC}}{300} = 0.63 \text{ SQ. FT. (TOTAL VENTILATION REQUIRED)}$
 $= 0.63 \times 144 = 77 \text{ SQ. IN. (CONVERSION TO INCHES)}$

* AT EAVES: $1 \frac{1}{2}" \times \text{HOLE} = 1.77 \text{ SQ. IN. NET FREE VENT AREA}$
 PROVIDE (3) $1 \frac{1}{2}" \times 8$ HOLES EACH RAFTER SPACE x AT 8 RAFTER SPACES
 $3 \text{ HOLES} \times 1.77 \text{ SQ. IN. PER HOLE} \times 8 \text{ RAFTER SPACES} = 42 \text{ SQ. IN.}$

* AT RIDGE: CORN-A-VENT Y-300 CLASS 1" RIDGE VENT = 13.5 SQ. IN. NFVA PER LINEAL FOOT
 PROVIDE 3 LINEAL FEET OF RIDGE VENT
 $3 \text{ LINEAL FEET} \times 13.5 \text{ SQ. IN. /FOOT} = 40 \text{ SQ. IN.}$

* TOTAL ATTIC VENTILATION = $42 \text{ SQ. IN.} + 40 \text{ SQ. IN.} = 82 \text{ SQ. IN.} > 77 \text{ SQ. IN.} \checkmark$ O.K.

III. NEW ENTRY:

$\frac{432 \text{ SQ. FT. ATTIC}}{300} = 1.44 \text{ SQ. FT. (TOTAL VENTILATION REQUIRED)}$
 $= 1.44 \times 144 = 207 \text{ SQ. IN. (CONVERSION TO INCHES)}$

* LOW VENTING: PROVIDE CHAIN SINGLE VENT = 72 SQ. IN. NFVA
 PROVIDE (2) SINGLE VENTS (ONE ON EACH SIDE)
 $2 \text{ VENTS} \times 72 \text{ SQ. IN.} = 144 \text{ SQ. IN.}$

* AT RIDGE: CORN-A-VENT Y-300 CLASS 1" RIDGE VENT = 13.5 SQ. IN. NFVA PER LINEAL FOOT
 PROVIDE 8 LINEAL FEET OF RIDGE VENT
 $8 \text{ LINEAL FEET} \times 13.5 \text{ SQ. IN. /FOOT} = 108 \text{ SQ. IN.}$

* TOTAL ATTIC VENTILATION = $144 \text{ SQ. IN.} + 108 \text{ SQ. IN.} = 252 \text{ SQ. IN.} > 207 \text{ SQ. IN.} \checkmark$ O.K.

IV. NEW DINING ROOM AREA:

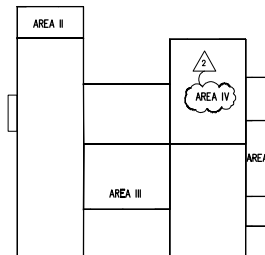
$\frac{610 \text{ SQ. FT. ATTIC}}{300} = 2.03 \text{ SQ. FT. (TOTAL VENTILATION REQUIRED)}$
 $= 2.03 \times 144 = 293 \text{ SQ. IN. (CONVERSION TO INCHES)}$

* AT EAVES: $1 \frac{1}{2}" \times \text{HOLE} = 1.77 \text{ SQ. IN. NET FREE VENT AREA}$
 PROVIDE (3) $1 \frac{1}{2}" \times 8$ HOLES EACH RAFTER SPACE x AT 17 RAFTER SPACES
 $3 \text{ HOLES} \times 1.77 \text{ SQ. IN. PER HOLE} \times 17 \text{ RAFTER SPACES} = 89 \text{ SQ. IN.}$

* LOW VENTING: PROVIDE CHAIN SINGLE VENT = 72 SQ. IN. NFVA
 PROVIDE (1) SINGLE VENTS (ONE ON EACH SIDE)
 $1 \text{ VENT} \times 72 \text{ SQ. IN.} = 72 \text{ SQ. IN.}$

* AT RIDGE: CORN-A-VENT Y-300 CLASS 1" RIDGE VENT = 13.5 SQ. IN. NFVA PER LINEAL FOOT
 PROVIDE 8 LINEAL FEET OF RIDGE VENT
 $8 \text{ LINEAL FEET} \times 13.5 \text{ SQ. IN. /FOOT} = 108 \text{ SQ. IN.}$

* TOTAL ATTIC VENTILATION = $89 \text{ SQ. IN.} + 72 \text{ SQ. IN.} + 108 \text{ SQ. IN.} = 269 \text{ SQ. IN.} > 293 \text{ SQ. IN.} \checkmark$ O.K.



UNDERFLOOR VENTILATION CALCULATION

* PROVIDE 1 SQUARE FOOT OF VENTILATION PER 150 SQUARE FEET OF UNDERFLOOR AREA

I. NEW LAUNDRY/BATH 3 AREA:

$\frac{90 \text{ SQ. FT. UNDERFLOOR AREA}}{150} = 0.60 \text{ SQ. FT. (TOTAL VENTILATION REQUIRED)}$
 $= 0.60 \times 144 = 86 \text{ SQ. IN. (CONVERSION TO INCHES)}$

* 16" x 16" FOUNDATION VENT = 84 SQ. IN. NET FREE VENT AREA
 PROVIDE (2) 16" x 16" FOUNDATION VENTS
 $2 \text{ VENTS} \times 84 \text{ SQ. IN. PER VENT} = 168 \text{ SQ. IN.} > 86 \text{ SQ. IN.} \checkmark$ O.K.

II. NEW DINING ROOM EXTENSION AREA:

$\frac{90 \text{ SQ. FT. UNDERFLOOR AREA}}{150} = 0.60 \text{ SQ. FT. (TOTAL VENTILATION REQUIRED)}$
 $= 0.60 \times 144 = 86 \text{ SQ. IN. (CONVERSION TO INCHES)}$

* 16" x 16" FOUNDATION VENT = 84 SQ. IN. NET FREE VENT AREA
 PROVIDE (2) 16" x 16" FOUNDATION VENTS
 $2 \text{ VENTS} \times 84 \text{ SQ. IN. PER VENT} = 168 \text{ SQ. IN.} > 86 \text{ SQ. IN.} \checkmark$ O.K.

III. NEW MASTER BATH AREA:

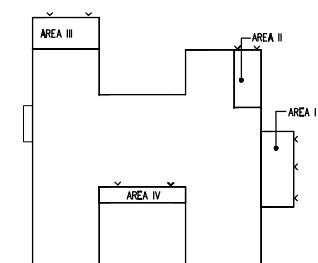
$\frac{90 \text{ SQ. FT. UNDERFLOOR AREA}}{150} = 0.60 \text{ SQ. FT. (TOTAL VENTILATION REQUIRED)}$
 $= 0.60 \times 144 = 86 \text{ SQ. IN. (CONVERSION TO INCHES)}$

* 16" x 16" FOUNDATION VENT = 84 SQ. IN. NET FREE VENT AREA
 PROVIDE (2) 16" x 16" FOUNDATION VENTS
 $2 \text{ VENTS} \times 84 \text{ SQ. IN. PER VENT} = 168 \text{ SQ. IN.} > 86 \text{ SQ. IN.} \checkmark$ O.K.

IV. NEW ENTRY AREA:

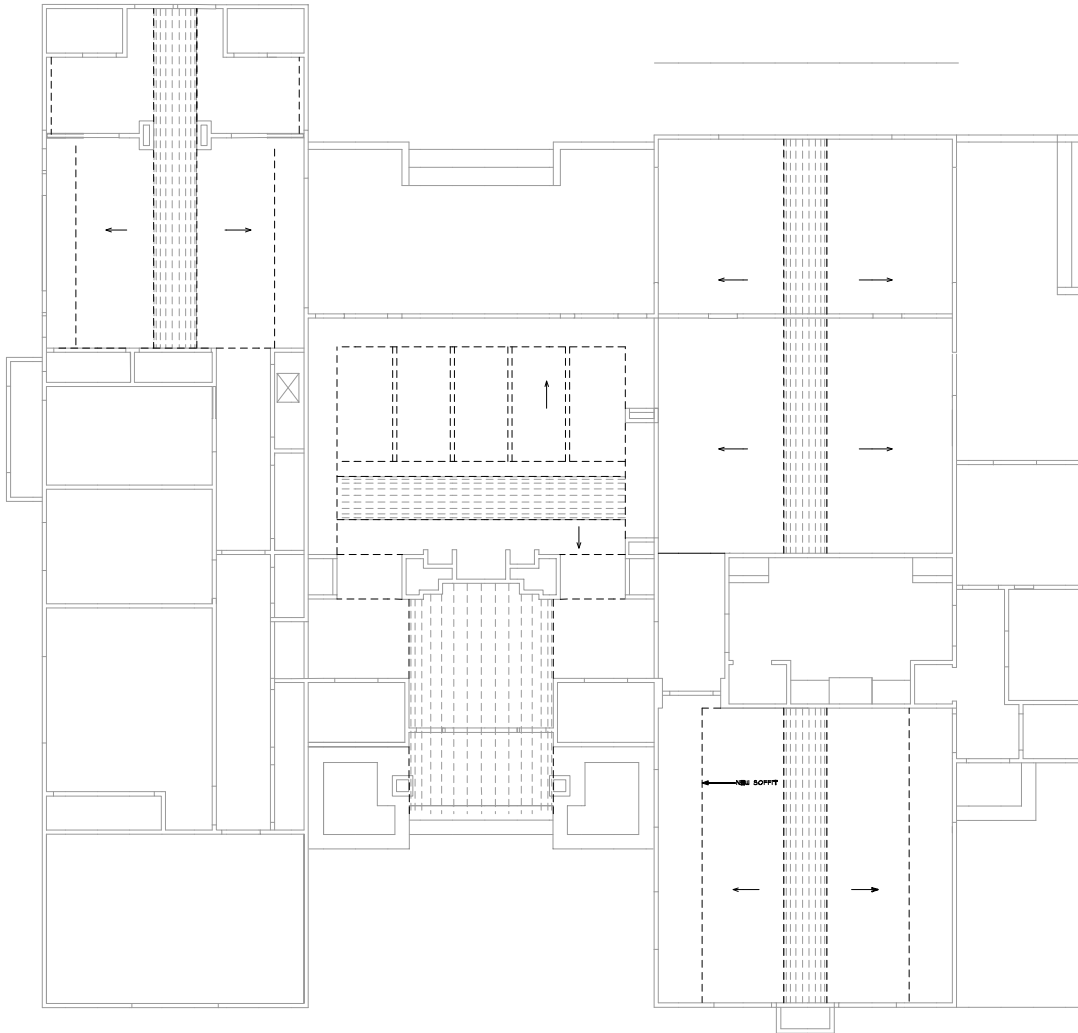
$\frac{87 \text{ SQ. FT. UNDERFLOOR AREA}}{150} = 0.71 \text{ SQ. FT. (TOTAL VENTILATION REQUIRED)}$
 $= 0.71 \times 144 = 102 \text{ SQ. IN. (CONVERSION TO INCHES)}$

* 16" x 16" FOUNDATION VENT = 84 SQ. IN. NET FREE VENT AREA
 PROVIDE (2) 16" x 16" FOUNDATION VENTS
 $2 \text{ VENTS} \times 84 \text{ SQ. IN. PER VENT} = 168 \text{ SQ. IN.} > 102 \text{ SQ. IN.} \checkmark$ O.K.




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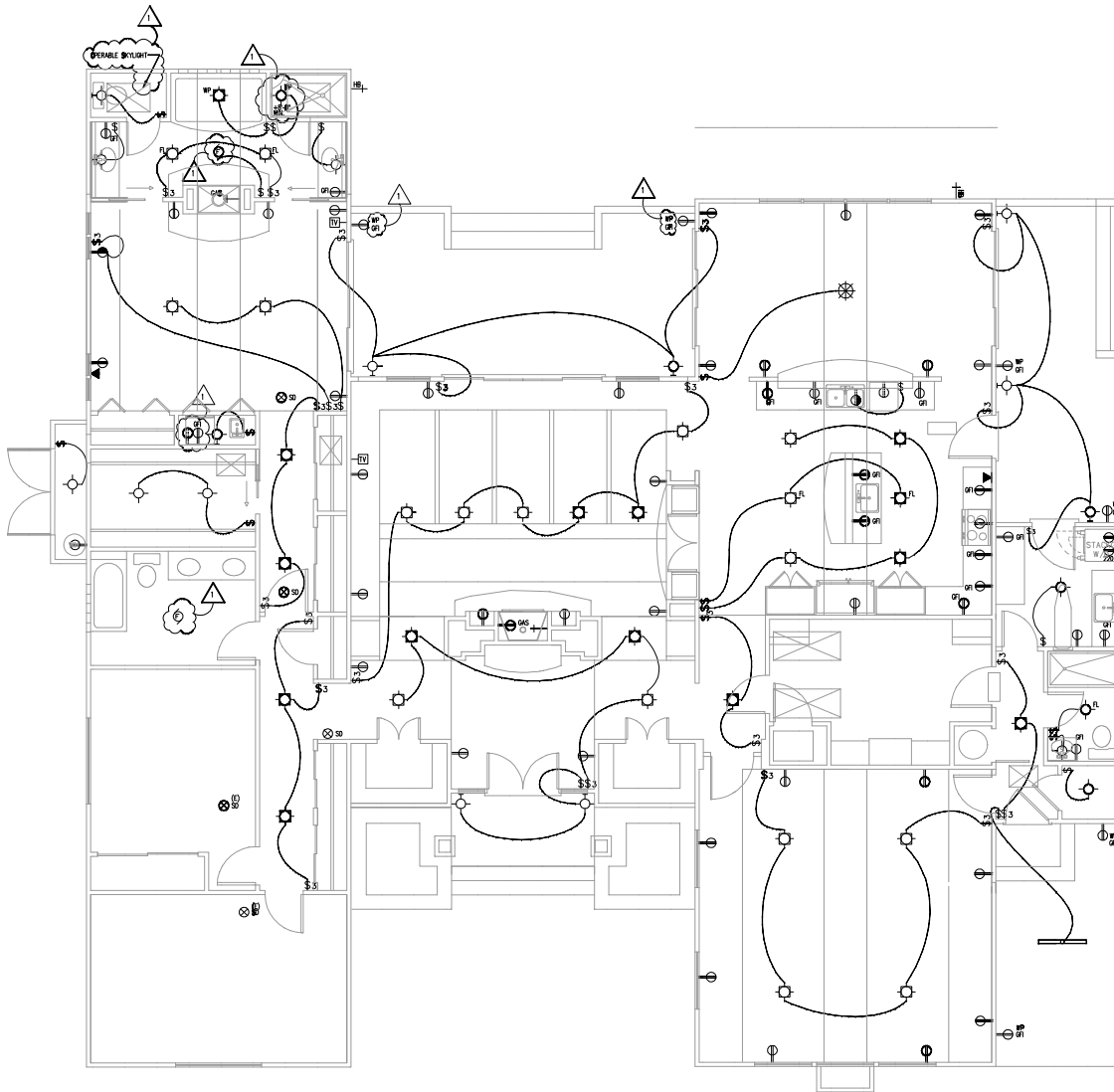
CEILING LEGEND	
---	LINE OF SOFFIT
	BARREL VAULT CEILING


REFLECTED CEILING PLAN
 SCALES: 1/4"=1'-0"
 REFERENCE NORTH

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REFERENCE NORTH

ELECTRICAL LAYOUT

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

ELECTRICAL LEGEND

- § SINGLE-POLE SWITCH
- §§ THREE-WAY SWITCH
- §§§ FOUR-WAY SWITCH
- §§§§ SWITCH WITH DIMMER
- ⊕ SINGLE RECEPTACLE OUTLET
- ⊕⊕ DUPLEX RECEPTACLE OUTLET
- ⊕⊕⊕ QUADRUPLEX RECEPTACLE OUTLET
- ⊕⊕⊕ SPLIT-WIRED DUPLEX OUTLET
- ⊕⊕⊕⊕ DUPLEX OUTLET WITH GROUND FAULT INTERRUPTER
- ⊕⊕⊕⊕ WEATHERPROOF DUPLEX OUTLET WITH G.F.I.
- ⊕⊕⊕ SPECIAL PURPOSE SINGLE OUTLET
- ⊕⊕⊕ FLOOR DUPLEX OUTLET
- ☎ TELEPHONE OUTLET BOX
- ☎ FLOOR TELEPHONE OUTLET BOX
- ☎ DOOR BELL PUSH BUTTON
- ☎ DOOR BELL CHIMES
- ☎ TELEVISION OUTLET
- ☎ THERMOSTAT
- ☎ RECESSED CAN LIGHT
- ☎ RECESSED CAN FLUORESCENT LIGHT
- ☎ CEILING-MOUNTED LIGHT
- ☎ WALL-MOUNTED LIGHT
- ☎ EXHAUST FAN
- ☎ RECESSED FLUORESCENT LIGHT/EXHAUST FAN
- ☎ FLUORESCENT TUBE LIGHT
- ☎ 20 VOLT SMOKE DETECTOR WITH BATTERY BACKUP
- ☎ GAS OUTLET - NATURAL GAS

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RESIDENTIAL LIGHTING NOTES FOR ENERGY CODE 2005

1. AT LEAST HALF THE INPUT LIGHTING WATTS IN KITCHENS MUST BE COMPLETED BY HIGH EFFICACY LUMINAIRES.
2. HIGH EFFICACY FIXTURES AND NON-HIGH EFFICACY FIXTURES SHALL BE SWITCHED SEPARATELY.
3. LIGHTING IN BATHROOMS, GARAGE, LAUNDRY ROOMS AND/OR UTILITY ROOMS SHALL BE HIGH EFFICACY, OR MUST BE CONTROLLED BY A MANUAL OR OCCUPANT SENSOR. THESE TWO FEATURES MAY BE MIXED AND MATCHED ON SEPARATE CIRCUITS, AND MUST HAVE THEIR OWN SWITCHING.
4. PERMANENTLY INSTALLED LIGHTING IN OTHER ROOMS MUST BE HIGH EFFICACY, OR A MANUAL OR OCCUPANT SENSOR, OR A DIMMER MUST CONTROL. EXCEPTION: PERMANENTLY INSTALLED LUMINAIRES THAT ARE NOT HIGH EFFICACY LUMINAIRES ARE ALLOWED IN CLOSETS LESS THAN 70 SQ. FT. AND MAY BE CONTROLLED BY ANY TYPE OF SWITCHING.
5. OUTDOOR LIGHTING ATTACHED TO A BUILDING SHALL BE HIGH EFFICACY, OR CONTROLLED BY A MOTION SENSOR WITH INDOOR PHOTO CONTROL. MOTION SENSORS USED IN CONJUNCTION WITH OUTDOOR LIGHTING LUMINAIRES SHOULD HAVE THE CAPABILITY OF TURNING THE LIGHTS ON AUTOMATICALLY. LIGHTING AROUND SWIMMING POOLS, WATER FEATURES, OR OTHER LOCATIONS SUBJECT TO ARTICLE 680 OF THE CEC ARE EXEMPT.
6. MOTION SENSORS AND PHOTO CONTROLS SHALL HAVE AN INDICATOR THAT VISIBLY OR AUDIBLY NOTICES THE OPERATOR THAT THE CONTROLS ARE OPERATING PROPERLY, OR THAT THEY HAVE FAILED OR MALFUNCTIONED.

ELECTRICAL NOTES

1. ALL ELECTRICAL WORK SHALL BE PERFORMED IN COMPLIANCE WITH THE MOST CURRENT CODES AND REGULATIONS.
2. THE ELECTRICIAN SHALL VERIFY ALL REQUIREMENTS WITH THE OWNER PRIOR TO INSTALLATION.
3. ALL ELECTRICAL IN EXISTING HOUSE TO REMAIN IN EXISTING CONDITION.
4. ALL OUTDOOR OUTLETS TO HAVE A WATERPROOF HOUSING AND GROUND FAULT PROTECTION.
5. PROVIDE 2-20 AMP BRANCH CIRCUITS AT KITCHEN, RELATED EQUIPMENT, DINING ROOM AND PANTRY.
6. LAUNDRY TO BE ON SEPARATE 20 AMP CIRCUIT. 200 VOLT ELECTRIC DRYER TO BE SEPARATE 30 AMP MINIMUM CIRCUIT.
7. LIGHT FIXTURES IN TUB OR SHOWER ENCLOSURES OR OTHER WET OR DAMP LOCATIONS SHALL BE SUITABLE FOR DAMP LOCATIONS.
8. PROVIDE FLUORESCENT LIGHTING IN KITCHEN AND BATHS WITH A MIN EFFICIENCY OF 40 LUMENS/WATT.
9. RECEPTACLES FOR EACH BATH, LAVATORY ROOM AND GARAGE TO BE ON SEPARATE 20 AMP CIRCUIT.
10. CLOTHES CLOSET LIGHT FIXTURES SHALL BE LISTED, AND INSTALLED IN ACCORDANCE WITH THEIR LISTING.
11. ALL SMOKE DETECTORS SHALL BE WIRED SUCH THAT WHEN ANY DETECTOR IS ACTIVATED, SMOKE DETECTORS IN BEDROOMS WILL SOUND ALARM.
12. ALL BRANCH CIRCUITS THAT SUPPLY 20-VOLT, SINGLE-BRANCH AND 20 AMPERES OUTLETS (AND BRANCH CIRCUITS SERVING BEDROOMS SHALL BE PROTECTED BY 20 AMP GROUND FAULT CIRCUIT INTERRUPTER(S) PER CEC SEC. 210-12(B).
13. ALL ELECTRICAL OUTLETS IN GARAGE, BATHROOMS AND KITCHENS TO BE G.F.I.