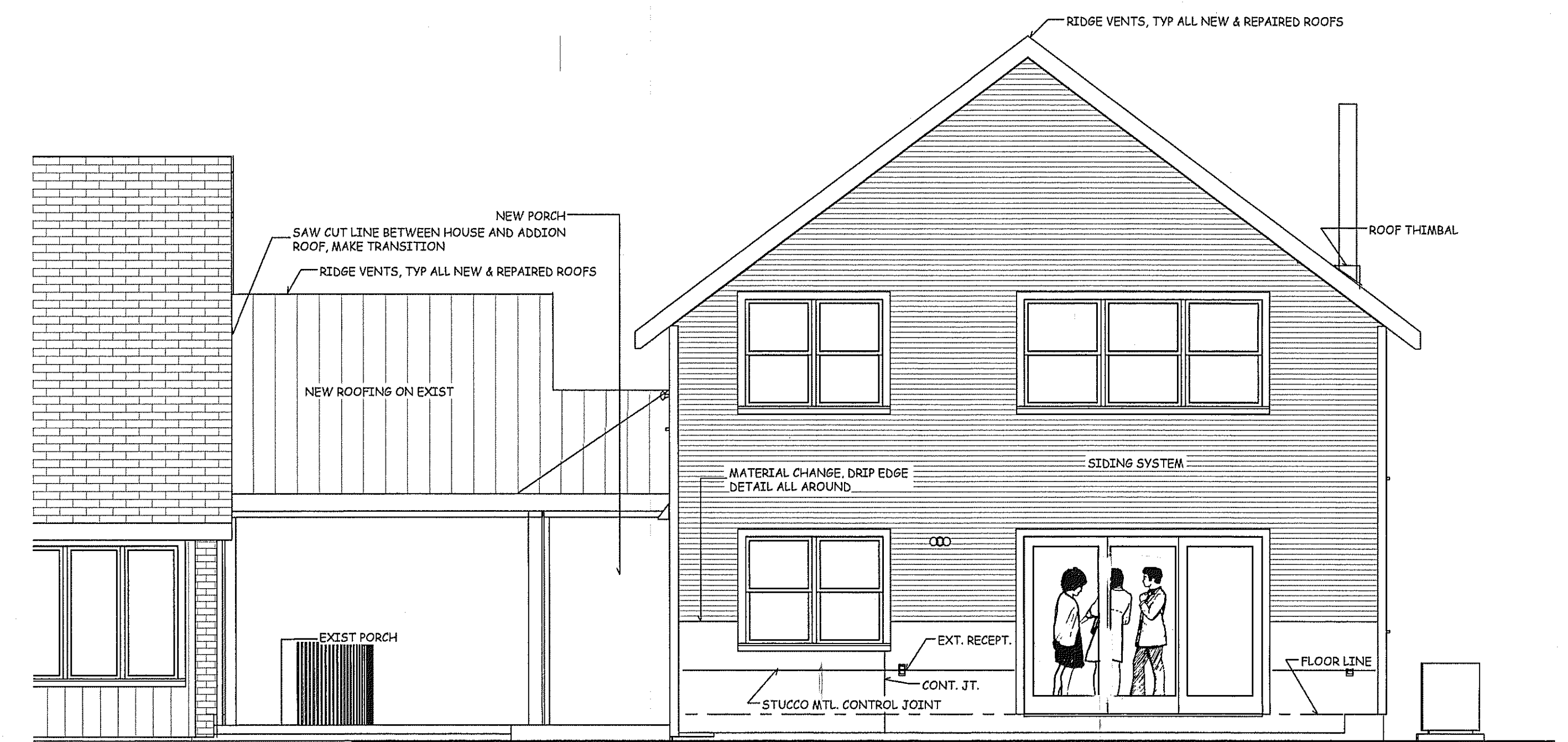


ENTER FOOTINGS AS REQD. FOR GRADE CHANGES

- RADIANT BARRIER**
1. RADIANT BARRIERS ARE REFLECTIVE FILMS, PAINTS, MEMBRANES, ETC., WITH THE PURPOSE OF REFLECTING AWAY THE SUN'S RADIANT (HEAT) ENERGY. INSTALLED IN BUILDINGS, MANUFACTURES ARE CLAIMING SIGNIFICANT ENERGY SAVINGS, ESPECIALLY FOR COOLING COSTS. ELECTRIC AIR CONDITIONING IS MORE EXPENSIVE PER "DEGREE CHANGE" THAN HEATING. WHERE MODERN HOUSEHOLD ENVIRONMENTS ARE CONTINUALLY "CONDITIONED" ANNUAL COOLING COSTS MAY EQUAL OR EXCEED HEATING COSTS.
 2. SHEATHING OPTION: SOME MANUFACTURERS ARE PROVIDING WALL AND ROOF SHEATHING WITH A FACTORY APPLIED FOIL FACE, HOWEVER SPRAY FOAM INSULATIONS MAY NOT ADHERE TO THESE FOIL FACES.
 3. PAINT PRODUCT OPTION: SHERWIN WILLIAMS "E-BARRIER," APPLY PER MANUFACTURER'S RECOMMENDATIONS. DO CAREFUL COORDINATION WITH THE LOCAL REPRESENTATIVE. SURFACE COVERAGE DOES NOT HAVE TO BE PERFECT. ACHIEVE BEST COVERAGE AS IS PRACTICAL. THIS IS A SOFT METALLIC FINISH, AND SPRAY FOAMS WILL ADHERE.
 4. SURFACES TO RECEIVE BARRIER:
 UNDERSIDE OF ALL ROOF SHEATHING.
 INSIDE SURFACE ALL ATTIC GABLE WALLS, ESPECIALLY SOUTH AND WEST FACING.
 INSIDE SURFACE ALL SOUTH AND WEST FACING OCCUPIED ROOM WALLS.

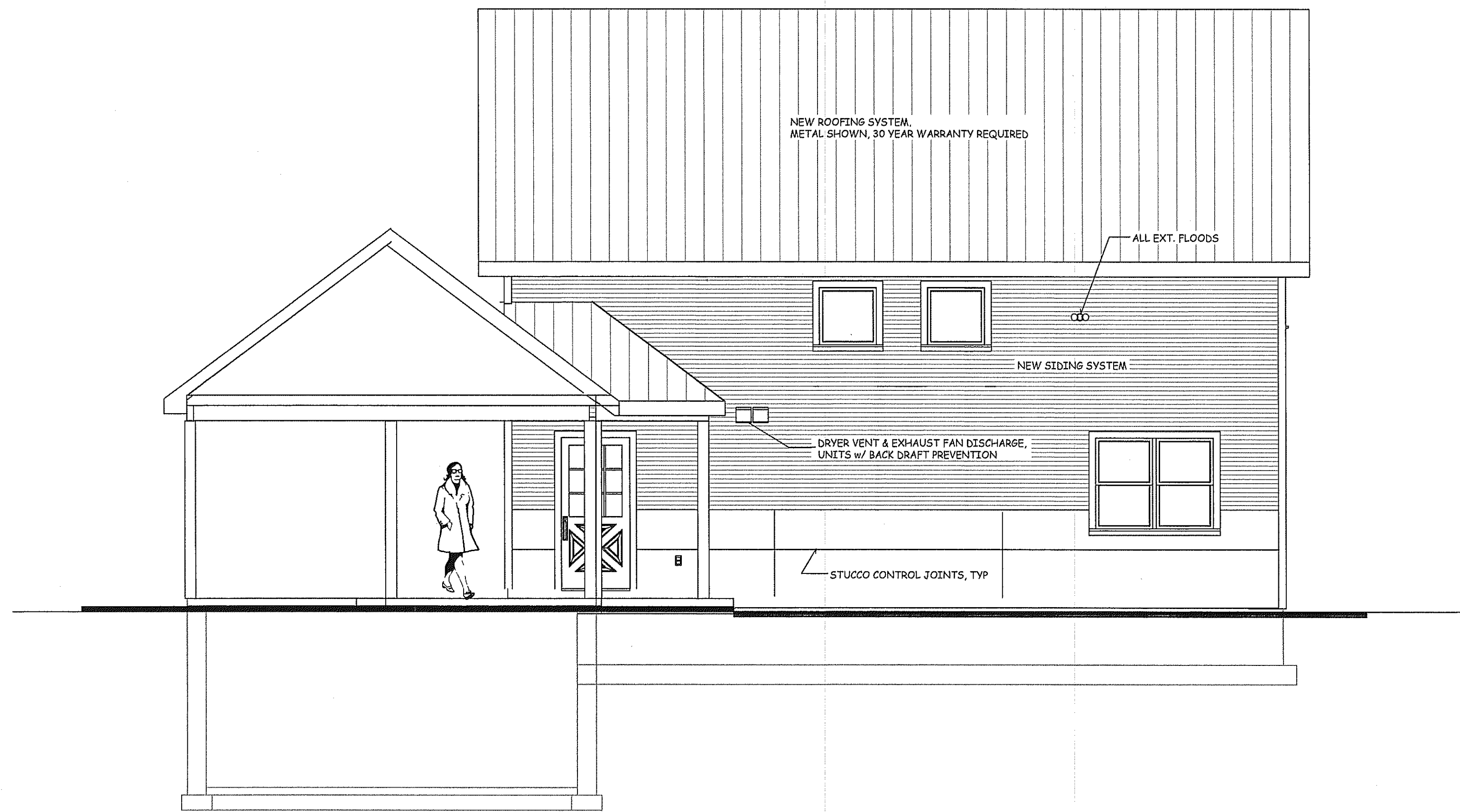
4 3 LEFT SIDE: NORTH ELEVATION



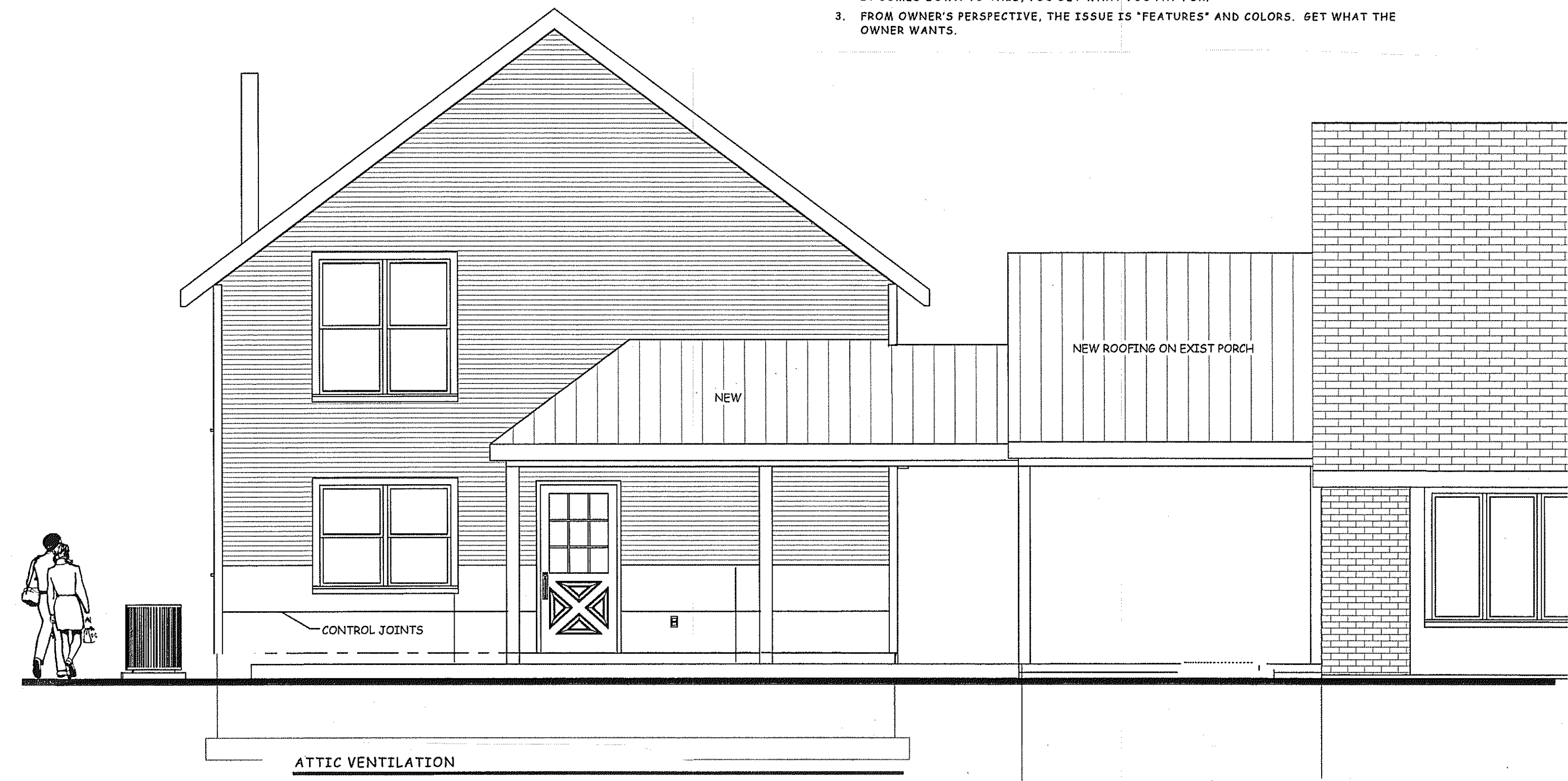
3 3 REAR: EAST ELEVATION

- WINDOWS:**
1. WINDOW SHALL BE SELECTED BY THE OWNER AND GC. THE INSULATION DIFFERENCE BETWEEN RECENT WINDOW MANUFACTURERS IS INSIGNIFICANT. THE UNIT MUST MEET THE CODE VALUES SHOWN ELSEWHERE. FOR ALL PRACTICAL THOUGHT, A WINDOW IS A HOLE IN THE WALL.
 2. ARCHITECT'S RECOMMENDATION IS "INTEGRITY" BY MARVIN. NEXT IS BASIC ANDERSEN'S. IT COMES DOWN TO THIS, YOU GET WHAT YOU PAY FOR.
 3. FROM OWNER'S PERSPECTIVE, THE ISSUE IS "FEATURES" AND COLORS. GET WHAT THE OWNER WANTS.

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



2 3 RIGHT SIDE: SOUTH ELEVATION



- ATTIC VENTILATION**
1. ATTICS REQUIRE VENTILATION TO MITIGATE THE BUILD UP OF MOISTURE ON THE UNDERSIDE OF THE ROOF SHEATHING, WHICH CAN THEN LEAD TO EARLY DETERIORATION OF THE ROOFING SUPPORT SYSTEM. THIS OCCURS WHEN THE CEILING OF THE FLOOR BELOW CANNOT TOTALLY PREVENT THE ESCAPE OF WARM MOISTURE LADEN AIR THROUGH THE INSULATION SYSTEM TO THE ATTIC.
 2. THE TOTAL NET FEE VENTILATION AREA SHALL NOT BE LESS THAN 1 TO 150 OF THE HORIZONTAL AREA OF THE SPACE VENTILATED. THE OBJECTIVE IS TO REMOVE MOISTURE FROM ATTIC AREAS. THIS IS TO BE ACHIEVED BY INDUCING A FREE FLOW OF AIR WITHIN THE ATTIC, GENERALLY FROM BOTTOM TO TOP OF ATTIC VOLUME.
 3. ONE-HALF OF THE VENTILATION AREA SHALL BE PROVIDED BY CONTINUOUS RIDGE VENTS, OR ROOF VENTILATORS. CONTINUOUS RIDGE VENTS SHALL BE MANUFACTURED BY "AIR VENT INC.", THE PRODUCT SHALL BE INCLUDE AN EXTERIOR WIND BAFFLE, INSECT SCREENING, AND PROVIDE A MINIMUM FREE VENT AREA OF 18 SQ. INCHES PER LINEAR FOOT. WHERE RIDGE VENTS ARE NOT PRACTICAL, USE GRAVITY VENTILATORS, LOCATED AS HIGH AS POSSIBLE WHICH PROVIDE MIN. OF 51 SQ. INCHES OF FREE VENT AREA PER UNIT. THESE ARE TRADITIONALLY CALLED "P-51" UNITS.
 4. ONE-HALF OF THE VENTILATION AREA SHALL BE PROVIDED BY SOFFIT OR EAVE VENTS. CONTINUOUS SOFFIT VENTS SHALL BE MANUFACTURED BY "AIR VENT INC.", THE PRODUCT SHALL BE A CONTINUOUS STRIP VENT, ALUMINUM OR VINYL, INCLUDE INSECT SCREENING, AND PROVIDE A MINIMUM FREE VENT AREA OF 9 SQ. INCHES PER LINEAR FOOT. THIS VENT STRIP SHALL BE CONTINUOUS THE ENTIRE LENGTH OF SOFFITS. NOTE: "PERFORATED" SOFFIT PANEL MATERIALS ARE GENERALLY NOT SUFFICIENT.
 5. NON-VENTILATED ATTICS: ATTICS DO NOT REQUIRE VENTILATION WHEN THE INSULATION SYSTEM IS APPLIED DIRECTLY TO THE UNDERSIDE OF THE ROOF SHEATHING, AND IF THE SYSTEM QUALIFIES AS A VAPOR BARRIER, AND MOVES THE DEW-POINT OUTSIDE THE BUILDING ENVELOPE. THIS CAN BE ACCOMPLISHED USING CLOSED-CELL URETHANE SPRAY FOAM INSULATION SYSTEMS, OF SUFFICIENT THICKNESS. WHEN THESE SYSTEMS ARE USED, THE SOFFIT AND RIDGES ARE COVERED WITH INSULATIONS, AND NO SOFFIT VENTS OR RIDGE VENTS ARE USED. THE ATTICS BECOME PART OF THE LIVING ENVIRONMENT

1 3 FRONT: WEST ELEVATION

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

REV. #	REVISION DESCRIPTION	DATE
	FOR PERMITS	JUNE 23, 2014

PLANS NOT VALID FOR PERMITS UNLESS SIGNED WITH "RED" INK & IMPRESSED w/ SEAL.

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CDA Comm. No. 2014-2993

Sheet No. 3 of