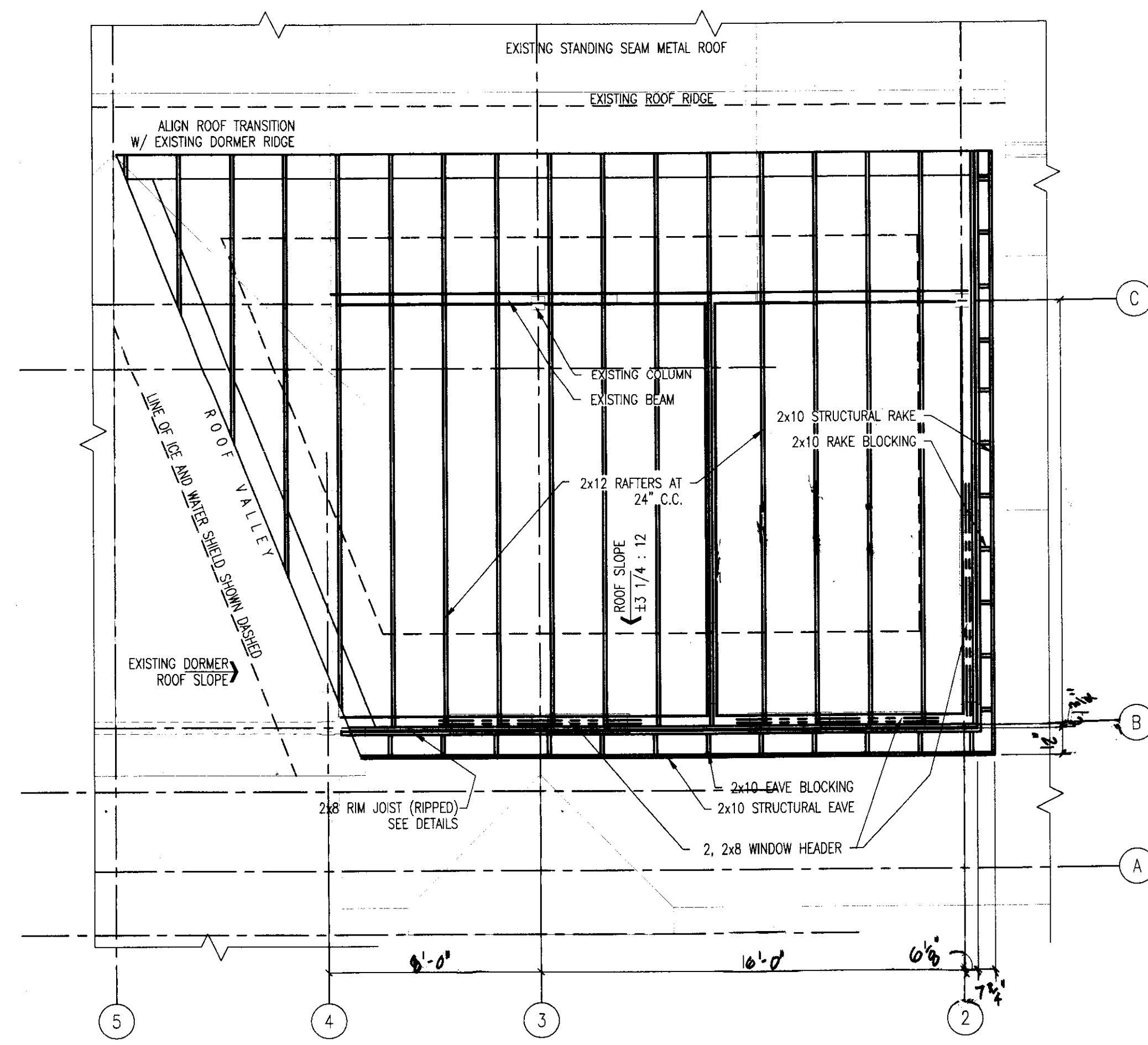
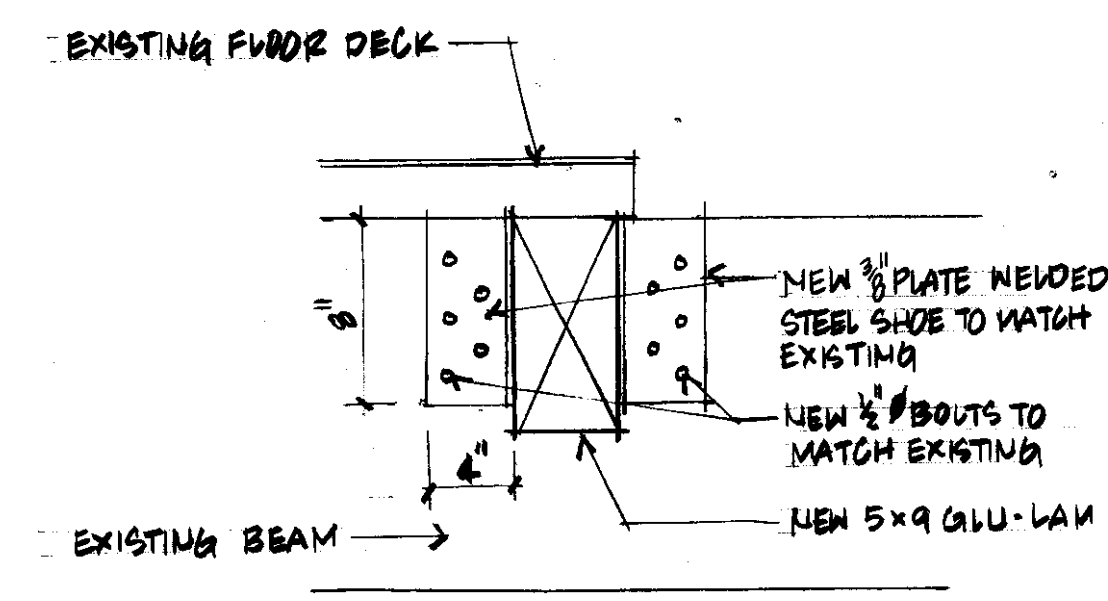


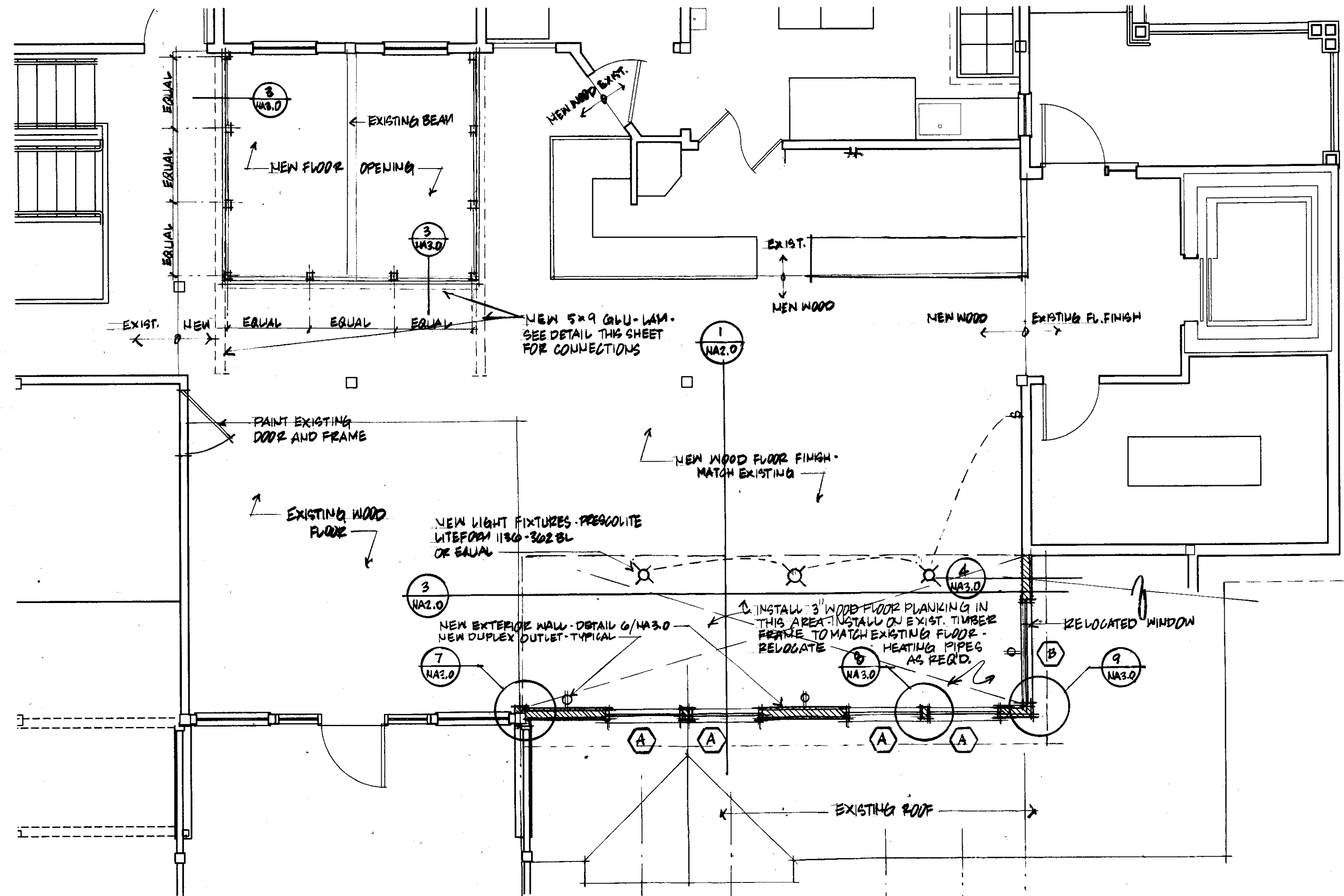
1 SECOND FLOOR DEMOLITION PLAN
SCALE: 1/8" = 1'-0"



2 ROOF FRAMING PLAN
SCALE: 1/4" = 1'-0"



NEW GLU-LAM CONNECTION
1/8" = 1'-0"

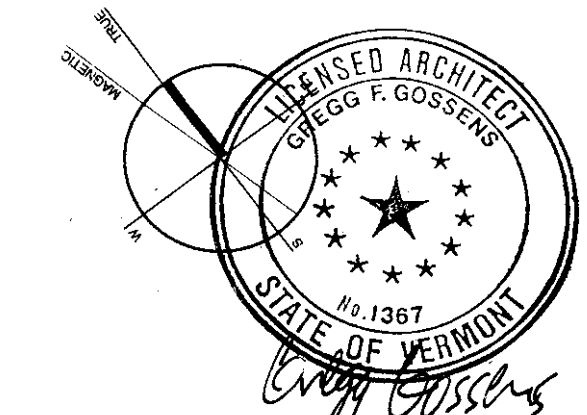


2 SECOND FLOOR PLAN
SCALE: 1/4" = 1'-0"

- STRUCTURAL NOTES**
DESIGN DATA
- DESIGN LOADS
ROOF LIVE LOAD (GROUND SNOW) 80psf
 - STRUCTURAL STEEL
ASTM A36
 - WOOD FRAMING
SPRUCE-PINE-FIR NUMBER 2 OR BETTER
 - GLUE-LAM - PREMIUM GRADE
F_b = 2400 psi - TO MATCH EXISTING
- GENERAL NOTES**
- DO NOT CHANGE SIZE NOR SPACING OF STRUCTURAL ELEMENTS.
 - DETAILS SHOWN ARE TYPICAL, SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS UNLESS OTHERWISE INDICATED.
 - THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.
 - DESIGNED PER BASIC BUILDING CODE.
 - CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE UTILITIES.
 - CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING OF ALL PROPOSED DEVIATIONS OR SUBSTITUTIONS FROM DIMENSIONS, MATERIALS, OR EQUIPMENT SHOWN ON THE DRAWINGS AND MAKE ONLY THOSE DEVIATIONS OR SUBSTITUTIONS ACCEPTABLE TO ENGINEER.

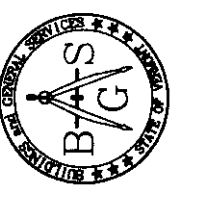
- WOOD FRAMING NOTES**
- ACCURATELY CUT, FIT, AND SOLIDLY FASTEN MEMBERS TO PROVIDE PLUMB, LEVEL, TRUE, AND RIGID WORK.
 - NAILING NOT INDICATED ON DRAWINGS SHALL BE IN ACCORDANCE WITH "RECOMMENDED NAILING SCHEDULE" CONTAINED IN NIPPA MANUAL FOR HOUSE FRAMING.
 - COMPLY WITH APPLICABLE RECOMMENDATIONS CONTAINED IN APA DESIGN/CONSTRUCTION GUIDE - RESIDENTIAL AND COMMERCIAL FOR PLYWOOD PRODUCTS INDICATED.
 - FOR BOLTED CONNECTIONS, DRILL HOLES 1/16 INCH LARGER IN DIAMETER THAN THE BOLTS BEING USED. PROVIDE WASHERS UNDER BOLT HEADS AND NUTS IN CONTACT WITH WOOD.
 - PROVIDE SINGLE BOTTOM PLATE AND DOUBLE TOP PLATES FOR ALL WALLS, 2 INCHES THICK BY THE WIDTH OF THE STUDS UNLESS NOTED OTHERWISE. STAGGER TOP PLATE SPLICES. SPLICE ONLY AT STUD LOCATIONS.
 - ANCHOR SILL PLATE OF EXTERIOR WALLS TO FOUNDATION WALLS WITH 1/2 INCH ANCHOR BOLTS 12 INCHES MAXIMUM FROM EACH END AND 6 FEET MAXIMUM ON CENTERS. (MINIMUM OF TWO ANCHOR BOLTS IN EACH SILL PIECE) EMBED ANCHOR BOLTS A MINIMUM OF 12 INCHES IN CAST-IN-PLACE CONCRETE.
 - INSTALL BLOCKING IN A CONTINUOUS HORIZONTAL ROW AT MID-HEIGHT OF FIRST LEVEL STUD BEARING WALLS.
 - RAFTERS AND FLOOR JOISTS SHALL BE SUPPORTED Laterally AT THE ENDS AND AT EACH SUPPORT BY SOLID BLOCKING EXCEPT WHERE THE ENDS ARE ANCHORED TO A HEADER, BAND OR RIM JOIST, OR TO AN ADJOINING STUD.
 - DO NOT NOTCH JOISTS OR RAFTERS IN THE MIDDLE THIRD OF THE SPAN. LIMIT NOTCHES TO THE TOP FACE OF THE JOIST AND TO A MAXIMUM OF 1/8 OF THE DEPTH OF THE MEMBER UNLESS ACCEPTANCE OF ENGINEER IS OBTAINED. NO OVER CUTS WILL BE PERMITTED.
 - DO NOT BORE HOLES CLOSER THAN 2 INCHES FROM TOP OR BOTTOM OF JOISTS OR RAFTERS. LIMIT DIAMETER OF HOLES TO 1/3 OF THE DEPTH OF THE MEMBER. REVIEW BORE HOLE LOCATIONS WITH ENGINEER BEFORE PROCEEDING.
 - PRESSURE TREAT ALL WOOD EXPOSED TO WEATHER OR IN CONTACT WITH SOIL, WATER, MASONRY, STEEL OR CONCRETE, AND ALL WOOD FRAMING MEMBERS DIRECTLY ABOVE SOIL WHEN THE BOTTOM ELEVATION IS 24 INCHES OR LESS ABOVE SOIL.
 - INSTALL ROOF SHEATHING WITH FACE GRAIN ACROSS SUPPORTS, USING PANELS CONTINUOUS OVER TWO OR MORE SPANS WITH END JOINTS BETWEEN PANELS STAGGERED AND LOCATED OVER CENTER OF SUPPORTS.
 - NAIL SHEATHING 6 INCHES OC ALONG PANEL ENDS AND 12 INCHES O.C. AT INTERMEDIATE SUPPORTS USING 100 COMMON NAILS. SEE DRAWINGS FOR ADDITIONAL NAILING REQUIREMENTS AT ROOF DIAPHRAGM BOUNDARIES.
 - CONSTRUCT HEADERS WITH CONTINUOUS PLYWOOD FILLERS OR SPACER BLOCKS AS REQUIRED TO MATCH WALL WIDTH. LOCATE SPACER BLOCKS AT EACH END AND AT MID-SPAN OF HEADER.
 - CONSTRUCT HEADERS FROM LUMBER WITHOUT END SPLITS, CHECKS, OR SHAKES.
 - GLUE-NAIL EACH PLY OF MULTIPLE PIECE BEAMS TOGETHER WITH THREE ROWS OF 16d NAILS AT 12 INCHES OC (STAGGERED). LOCATE ROWS OF NAILING 2 INCHES FROM TOP AND BOTTOM FACES AND A MID-DEPTH OF BEAM.
 - IN ADDITION TO NAILING SPECIFIED ABOVE, BOLT THREE PLY BEAMS WITH 1/2 INCH DIAMETER BOLTS AT 24 INCHES OC. STAGGER BOLTS ALONG TOP AND BOTTOM FACES AT 1/3 BEAM DEPTH.
 - PROVIDE BUILT-UP STUD COLUMNS AT ALL BEAM BEARING LOCATIONS IN STUD WALLS. CONSTRUCT BUILT-UP STUD COLUMNS THE SAME WIDTH AS BEAM AND PROVIDE A MINIMUM BEAM BEARING LENGTH OF 3 1/2 INCHES.

WINDOW SCHEDULE					
NO.	MANUF.	NUMBER	R.O. - WxH	HEAD	JAMB SILL
A	EABLE	2	3'-4 1/2" x 5'-0 1/2"	10/WA3.0	11/WA3.0
B	RE-LOCATED EXISTING	-	FIXED TRIANGLE	-	9/WA3.0



GBA
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STATE OF VERMONT
DEPARTMENT OF BUILDINGS
AND GENERAL SERVICES
AGENCY OF ADMINISTRATION
MONTPELIER, VERMONT



**Rutland
Airport**
New Terminal

Rutland, Vermont

Revisions:

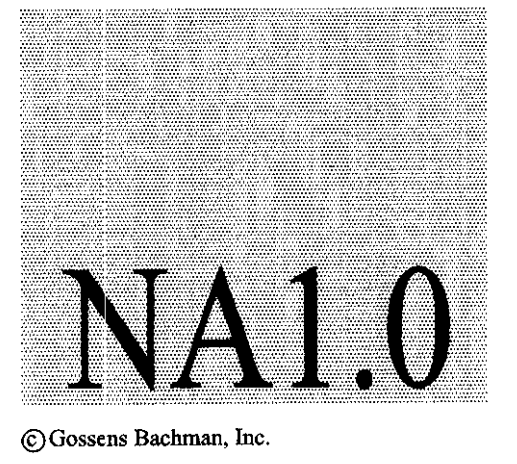
Job Number: 0302-105

File Name: 0302-NTPlan.dwg

Scale: As Noted

Date: March, 2005

**PLAN/
DEMOLITION/
FRAMING**



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