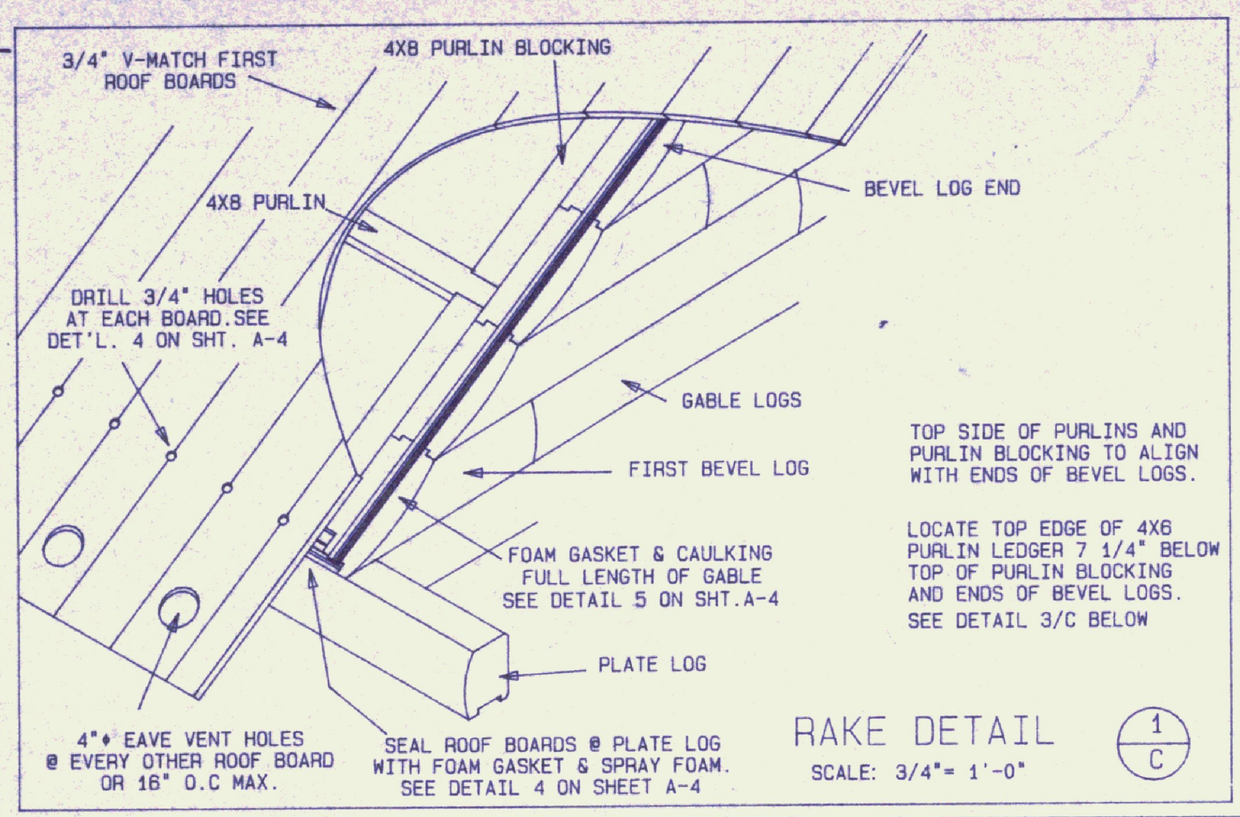
CODE	TIME	BY

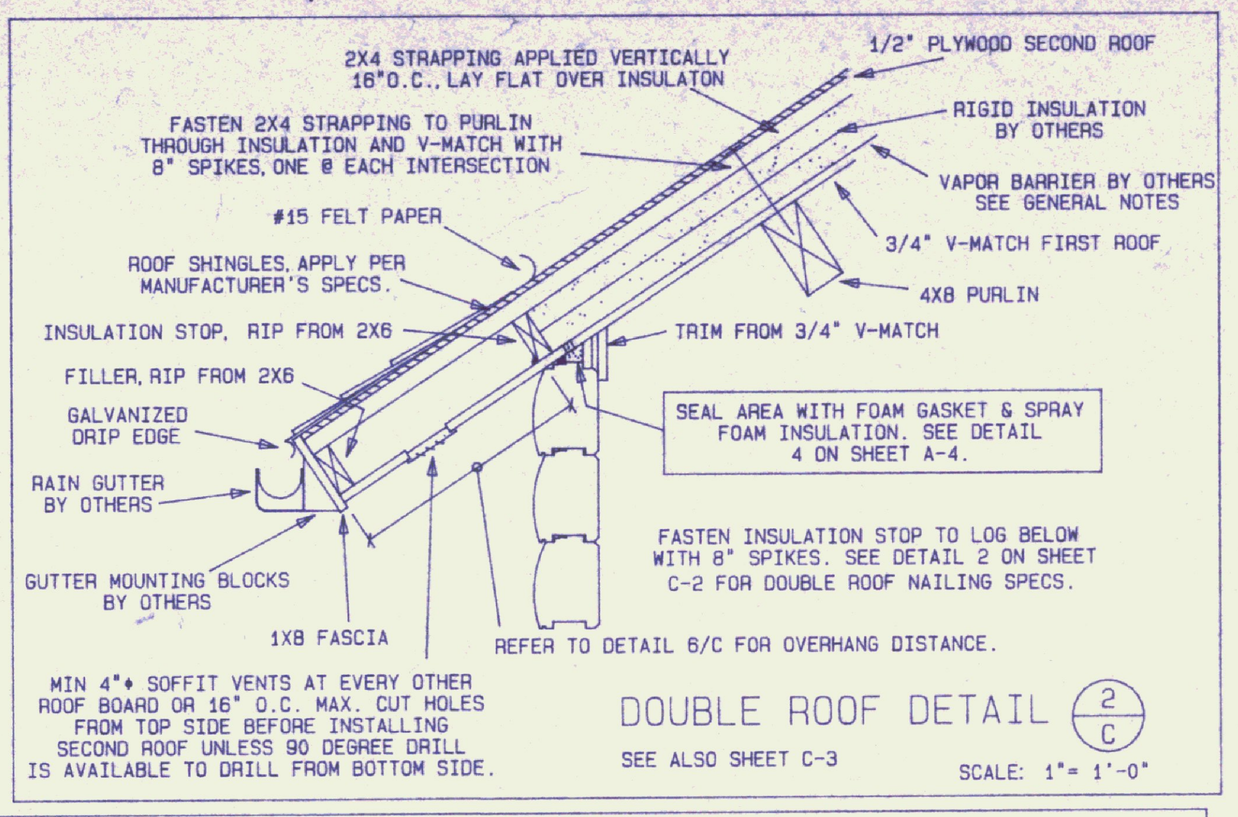


TOP SIDE OF PURLINS AND PURLIN BLOCKING TO ALIGN WITH ENDS OF BEVEL LOGS.

LOCATE TOP EDGE OF 4X6 PURLIN LEDGER 7 1/4" BELOW TOP OF PURLIN BLOCKING AND ENDS OF BEVEL LOGS. SEE DETAIL 3/C BELOW

RAKE DETAIL 1/C

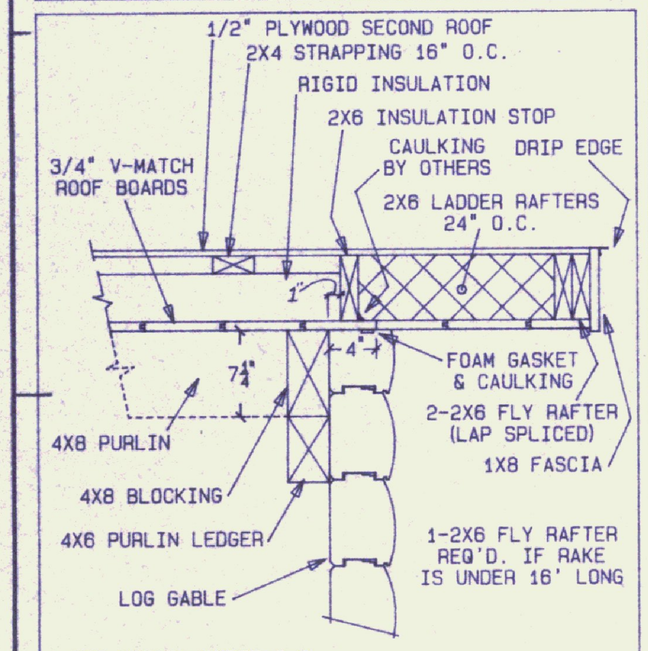
SCALE: 3/4"= 1'-0"



DOUBLE ROOF DETAIL 2/C

SEE ALSO SHEET C-3

SCALE: 1"= 1'-0"



SEE DETAIL SHEET C-2 FOR FASTENER SPECS.

SEE ALSO SHEET C-3.

RAKE DETAIL 3/C

SCALE: 1"= 1'-0"

1. NOTCH LOG WALL 2 1/4" DEEP X 5 1/2" WIDE TO RECEIVE TRUSS BOTTOM CHORD. ALSO NOTCH TONGUE OF LOG BELOW FOR BOTTOM CHORD. DO NOT NOTCH TONGUE DEEPER THAN NEEDED TO RECEIVE BOTTOM CHORD.

2. PREDRILL BOTTOM CHORD @ AN ANGLE W/ A 1/4" DIA. BIT TO RECEIVE 2-12" SPIKES AS SHOWN, BEFORE INSTALLING 4X8 BASE BLOCK.

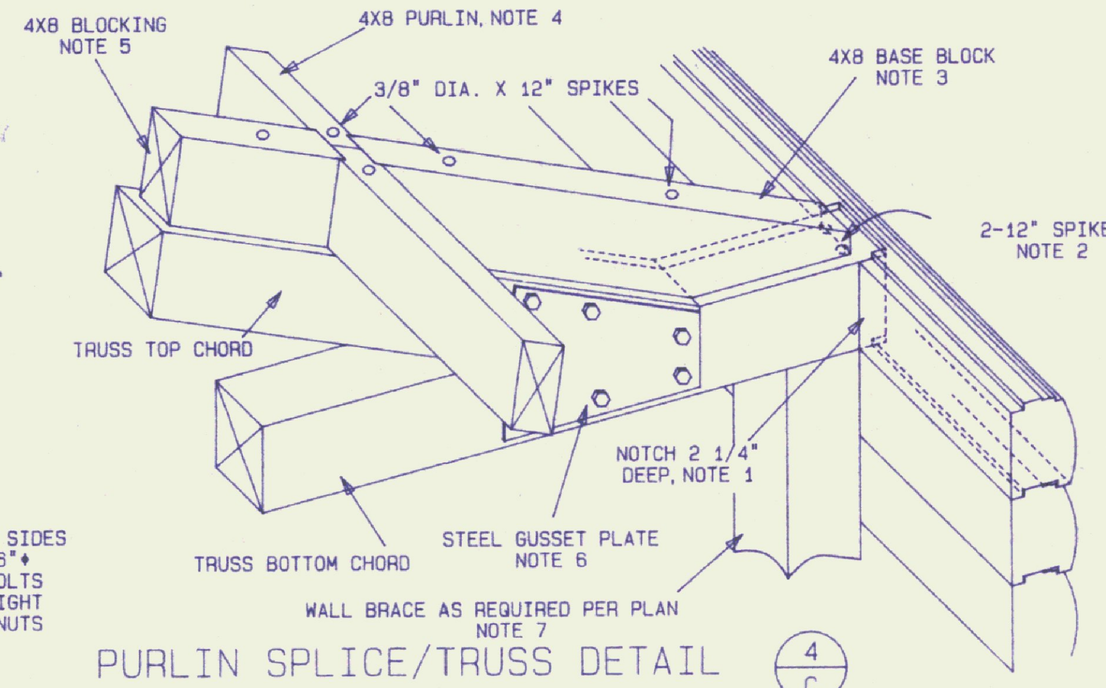
3. ALIGN 4X8 BASE BLOCK AT TRUSS BOTTOM CHORD. CENTER BLOCK ON TRUSS BOTTOM CHORD. HOLD IN PLACE W/ 20d NAILS, THEN PRE-DRILL W/ 1/4" ♦ BIT & FASTEN W/ 3/8" X 12" SPIKES. AVOID BOLT LOCATIONS OF TRUSS PLATE WHEN LOCATING HOLES FOR 12" SPIKES.

4. FASTEN PURLIN TO 4X8 BLOCKING W/ 8" SPIKES TO HOLD IN PLACE, THEN PRE-DRILL PURLIN W/ 1/4"♦ BIT & FASTEN TO TRUSS W/ ONE 12" SPIKE.

5. INSTALL PRE-CUT 4X8 PURLIN BLOCKS ONE @ A TIME AFTER EACH PURLIN ROW HAS BEEN FASTENED IN PLACE. PRE-DRILL BLOCKING ON JOB W/ 1/4" DIA. BIT TO RECEIVE 2 (12") SPIKES PER BLOCK.

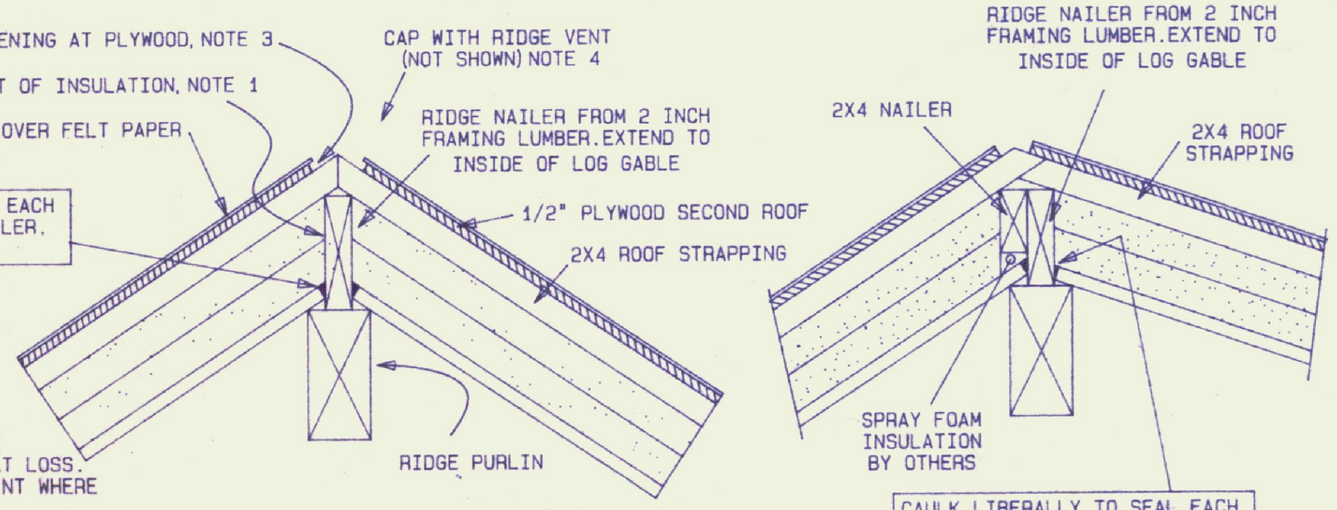
6. STEEL GUSSET PLATES (1/8"THICK) REQUIRED AT BOTH SIDES OF EACH JOINT. MEMBERS ARE PRE-DRILLED WITH A 13/16"♦ BIT @ THE FACTORY TO RECEIVE 3/4"♦ BOLTS. INSTALL BOLTS & TIGHTEN NUTS WITH HAND WRENCH, BRINGING PLATES TIGHT AGAINST TRUSS MEMBERS. PERIODIC INSPECTION OF THE NUTS FOR TIGHTNESS IS REQUIRED.

7. WALL BRACE OR SPECIAL HANGER USUALLY REQUIRED UNDER TRUSS AT LOG WALL FOR ADDITIONAL SUPPORT. REFER TO PLANS FOR EXACT SPECIFICATIONS.



PURLIN SPLICE/TRUSS DETAIL 4/C

SCALE: 1"= 1'-0"



1. TO PREVENT EXCESSIVE HEAT LOSS, BEVEL THE RIGID INSULATION AT THE RIDGE NAILER TO FORM A TIGHT JOINT. SEAL WITH CAULKING OR SPRAY FOAM. ALSO SEAL 1ST. LAYER OF INSULATION TO RIDGE NAILER W/ FOIL TAPE.

2. GABLE ENDS MUST BE SEALED ABOVE THE RIDGE PURLIN TO PREVENT EXCESSIVE HEAT LOSS. INSTALL CAULKING OR SPRAY FOAM AT JOINT WHERE ROOF BOARDS MEET THE RIDGE NAILER.

3. CUT PLYWOOD BACK AT THE PEAK AS REQ'D. FOR PROPER AIR FLOW. REFER TO RIDGE VENT SPECS FOR SIZE OF OPENING.

4. CONTINUOUS RIDGE VENT TO BE INSTALLED OVER INSULATED AREAS. BOTH RIDGE VENTS AND SOFFIT VENTS MUST BE INSTALLED TO ENSURE PROPER ROOF VENTING. RIDGE AND SOFFIT VENTS SUPPLIED BY OTHERS UNLESS INCLUDED ON MATERIALS LIST.

SEE DETAIL 5 ON SHEET C-2 FOR NAILING SPECS.

AT EQUAL PITCHES

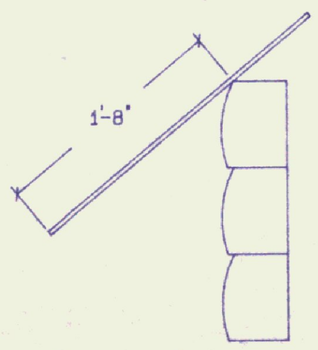
AT UNEQUAL PITCHES

NOTES 1 THRU 4 AT LEFT APPLY TO BOTH EQUAL & UNEQUAL PITCHES.

RIDGE SEALING DETAIL 5/C

SCALE: 1 1/2" = 1'-0"

ROOF OVERHANG AT EAVES TO BE 1'-8" AS SHOWN.
CAUTION: ON SOME BUILDINGS WITH CASEMENT WINDOWS OR STORM DOORS THAT SWING OUTWARD, THE OVERHANG MAY NEED TO BE SHORTENED FOR CLEARANCE. ALSO, CHECK FOR PROJECTION OF BAY OR BOW WINDOWS WHICH MAY REQUIRE A LONGER OVERHANG.



EAVE OVERHANG DETAIL 6/C

SCALE: 1"= 1'-0"

GENERAL NOTES:

RIGID INSULATION IS TO BE 2 OR MORE LAYERS OF "THERMAX" SHEATHING MANUFACTURED BY THE CELOTEX CORP. OR OTHER MATERIAL OF EQUIVALENT FIRE RATING AND R-VALUE PER INCH. INSULATION PROVIDED BY OTHERS.

TOTAL THICKNESS TO BE MINIMUM 4" OR AS REQUIRED TO COMPLY WITH LOCAL ENERGY CODES. 1st LAYER OF INSULATION TO HAVE ALL SEAMS SEALED WITH ALUMINUM FOIL TAPE, OR INSTALL A SEPARATE VAPOR BARRIER BEFORE FIRST LAYER OF INSULATION.

CAUTION:
PLYWOOD ROOF SHEATHING IS TO BE SPACED 1/4" AT EACH ADJOINING PANEL EDGE AND 1/8" AT ENDS OR PER PLYWOOD MANUFACTURER'S RECOMMENDATIONS.

REFER TO "CONSTRUCTION GUIDE" FOR ADDITIONAL INFORMATION ON TRUSS AND ROOF CONTRUCTION.

INSULATION STOPS, RIDGE NAILERS, ROOF FILLERS, AND FLY RAFTERS ARE SIZED BASED ON THE USE 4" OF RIGID INSULATION IN THE DOUBLE ROOF. SIZES SHOWN ON THESE AND OTHER DETAILS MAY NOT BE ADEQUATE IF MORE THAN 4" OF INSULATION IS TO BE USED. NOTIFY YOUR SALES REP. WELL IN ADVANCE OF DELIVERY IF YOU PLAN TO INSTALL MORE THAN A 4" THICKNESS OF INSULATION IN THE DOUBLE ROOF SYSTEM.

SHINGLE MANUFACTURER'S INSTALLATION INSTRUCTIONS ARE INCLUDED WITH EACH N.L.H. CONSTRUCTION GUIDE WHEN SHINGLES ARE PROVIDED BY N.L.H.. IT IS IMPORTANT TO FOLLOW THESE INSTRUCTIONS AND GENERAL INFORMATION GUIDELINES TO INSURE PROPER PERFORMANCE AND WARRANTY COVERAGE. ROLLED ROOFING AND OTHER FLASHING MATERIALS SUGGESTED FOR VALLEYS AND EAVES ARE BY OTHERS.

GUTTERS (BY OTHERS) REQUIRED ON ALL EAVES.

DETAILS ON THIS SHEET ARE GENERAL AND MAY NOT APPLY TO ALL BUILDINGS.

EXPLANATION OF ROOF PITCHES

ROOF PITCHES ARE A RATIO OF RISE TO RUN. IN CONVENTIONAL BUILDING PRACTICE THE RUN IS CONSTANT AT 12, AND THE RISE IS THE VARIABLE. FOR EXAMPLE: WITH A STANDARD 8/12 PITCH, FOR EACH 12 INCHES HORIZONTAL (THE RUN), YOU GO UP 8 INCHES (THE RISE)

WITH N.L.H. PRE-CUT LOG GABLES, ROOF PITCHES REFLECT A CONSTANT RISE OF 7-1/4", WHICH IS THE HEIGHT OF ONE LOG COURSE, AND THE RUN IS THE VARIABLE. FOR EXAMPLE: WITH A 7-1/4"/11" ROOF PITCH, FOR EACH 7-1/4" OF RISE, YOU HAVE A HORIZONTAL RUN OF 11".

ALL ROOF PITCHES THAT ARE BASED OFF NORTHEASTERN'S PRE-CUT LOG GABLES WILL REFLECT A CONSTANT RISE OF 7-1/4". ROOF PITCHES NOT ASSOCIATED WITH PRE-CUT LOG GABLES WILL BE SHOWN AS IN CONVENTIONAL CONSTRUCTION WITH THE RUN CONSTANT AT 12.

Northeastern Log Homes

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NO.	REVISION	DATE	BY	CKD

WINDOWS

MODEL: STANDARD DETAILS D-96

DRN MG

CKD SRD

CODES

PROJECT NAME: TRUSS & ROOF CONSTRUCTION

DATE JAN. 1, 1995

PLAN NO NE

SHT. NO C

SCALE AS NOTED

Old Brunng, Inc. 78419 Form 10678