

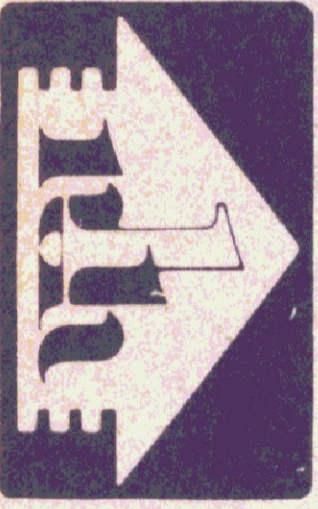
*1. see make ups
2. note reforestation work by draw*

YOUR Northeastern Log Home BLUEPRINTS

<input type="checkbox"/> Reviewed (No Comment)
<input checked="" type="checkbox"/> Reviewed (See Comment)
<input type="checkbox"/> Reviewed (Resubmit)

Checked only for conformance with the design concept of the project and with the information given in the contract documents; review of shop drawings shall not release the contractor from responsibility for deviations from drawings and specifications. Shop drawings, including schedules, quantities, dimensions, fabrication, installation and coordination requirements, shall be submitted to the Contractor. The Contractor shall check and verify all field measurements.

Date 10-7-96
BOLE AND WHITTIER, INC.
Architects, Project Managers

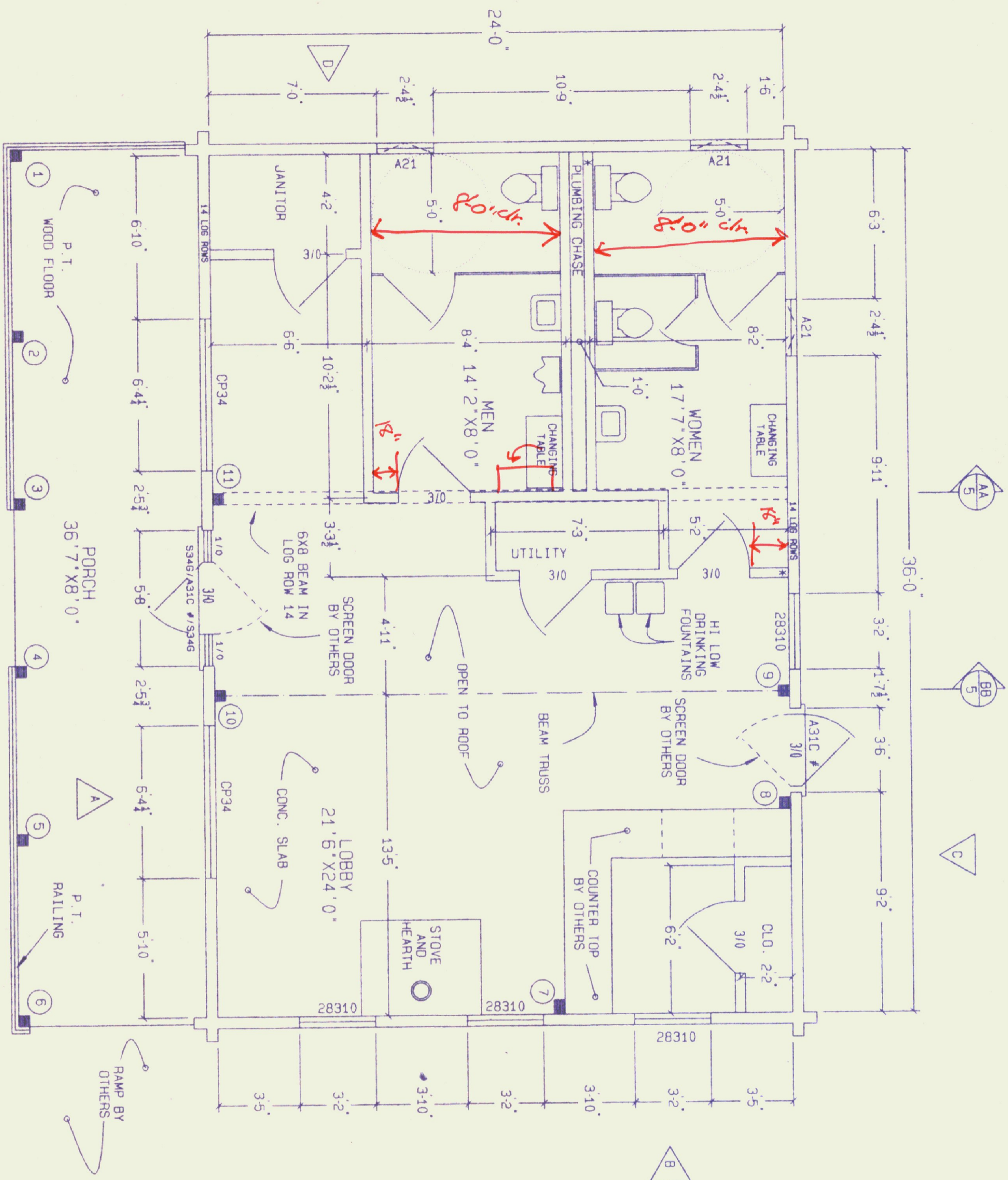


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D-96

JAN. 1, 1996

CODE	DATE	BY
S	3	SM
R1F	3	SM
R2	1	JA
R3	2	SM
R4	1	SM



FLOOR PLAN

GENERAL NOTES:

NOTICE: BUILDING DESIGNED TO MEET THE FOLLOWING LOAD CONDITIONS:
 1st FLOOR: 40 PSF LIVE LOAD
 ROOF SYSTEM: 50 PSF SNOW LOAD
 WIND LOAD: 70 MPH EXPOSURE 'B'

* = PARTITIONS THAT REQUIRE 2-2X8 WALL PLASTER PER DETAIL 8 ON SHT. B
 P.T. = PRESSURE TREATED

ALL DOORS ARE 6'8" HIGH UNLESS OTHERWISE NOTED.

= DOOR WITH PANIC/Self-CLOSING/ADA LOCKSET & LOW CLEARANCE THRESHOLD.
 ARTIFICIAL LIGHT AND MECHANICAL VENT REQUIRED IN RESTROOMS.

- ⊙ A = DETAIL A ON SHEET 2
- ⊙ B = ELEVATION DESIGNATION
- ① = POST & BEAM IDENTIFICATION #
- ⊙ AA 5 = SECTION AA ON SHEET 5

NOTE: LAYOUT AND CONCEALMENT OF PLUMBING, HEATING, ELECTRICAL, AND AIR CONDITIONING LINES SHOULD BE PLANNED WITH QUALIFIED TRADES PEOPLE BEFORE STARTING CONSTRUCTION.

ALL PARTITIONS TO ROOF.



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D-96R

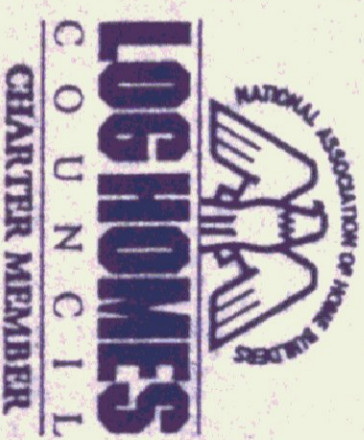
NO.	REVISION	DATE	BY	CHK.
1	MISC.	5-1	SM	SM
2	NAME CHANGE	9-6	SM	SM
3	MISC.	9-17	SM	SM
4	MISC. WINDOW CHANGES	9-20	SM	SM

WINDS: ANDERSEN HIGH PERFORMANCE
 MODEL: MOD. EAGLES NEST

DESIGNED TO MEET THE B.O.C.A. NATIONAL BUILDING CODE

NECCO INC. / ALBURG WELCOME CENTER

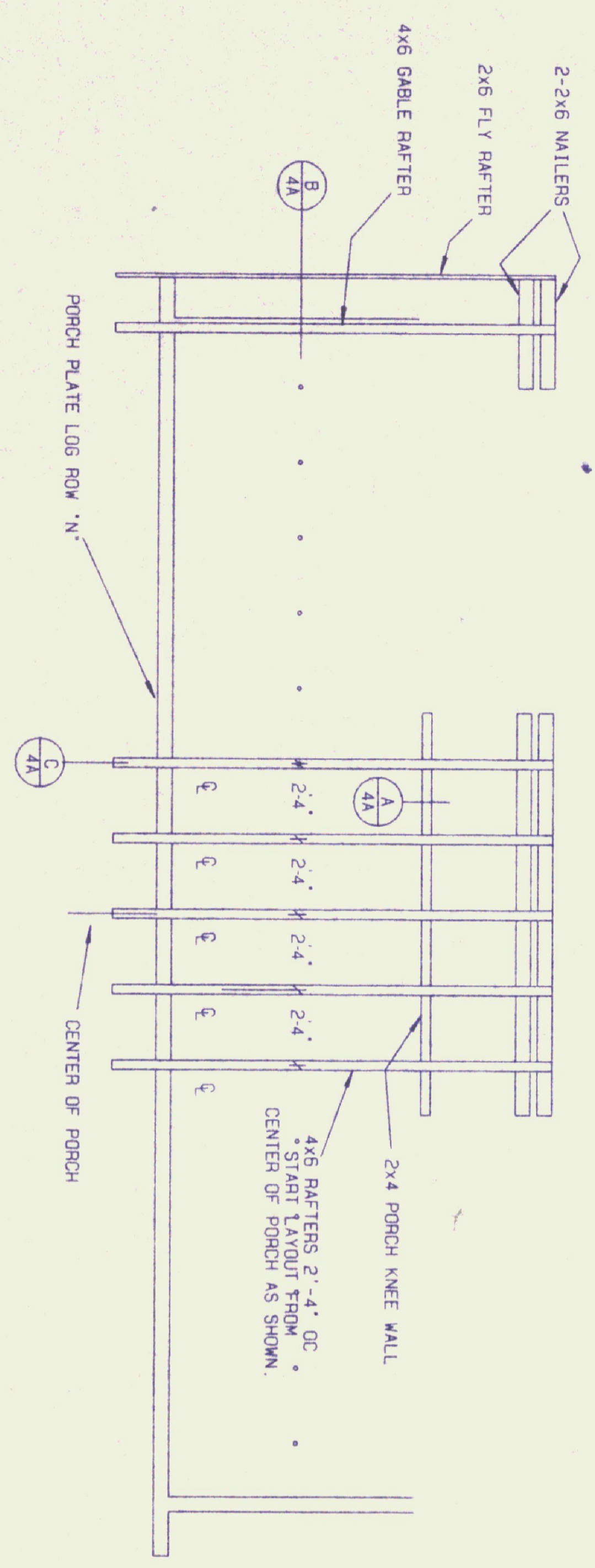
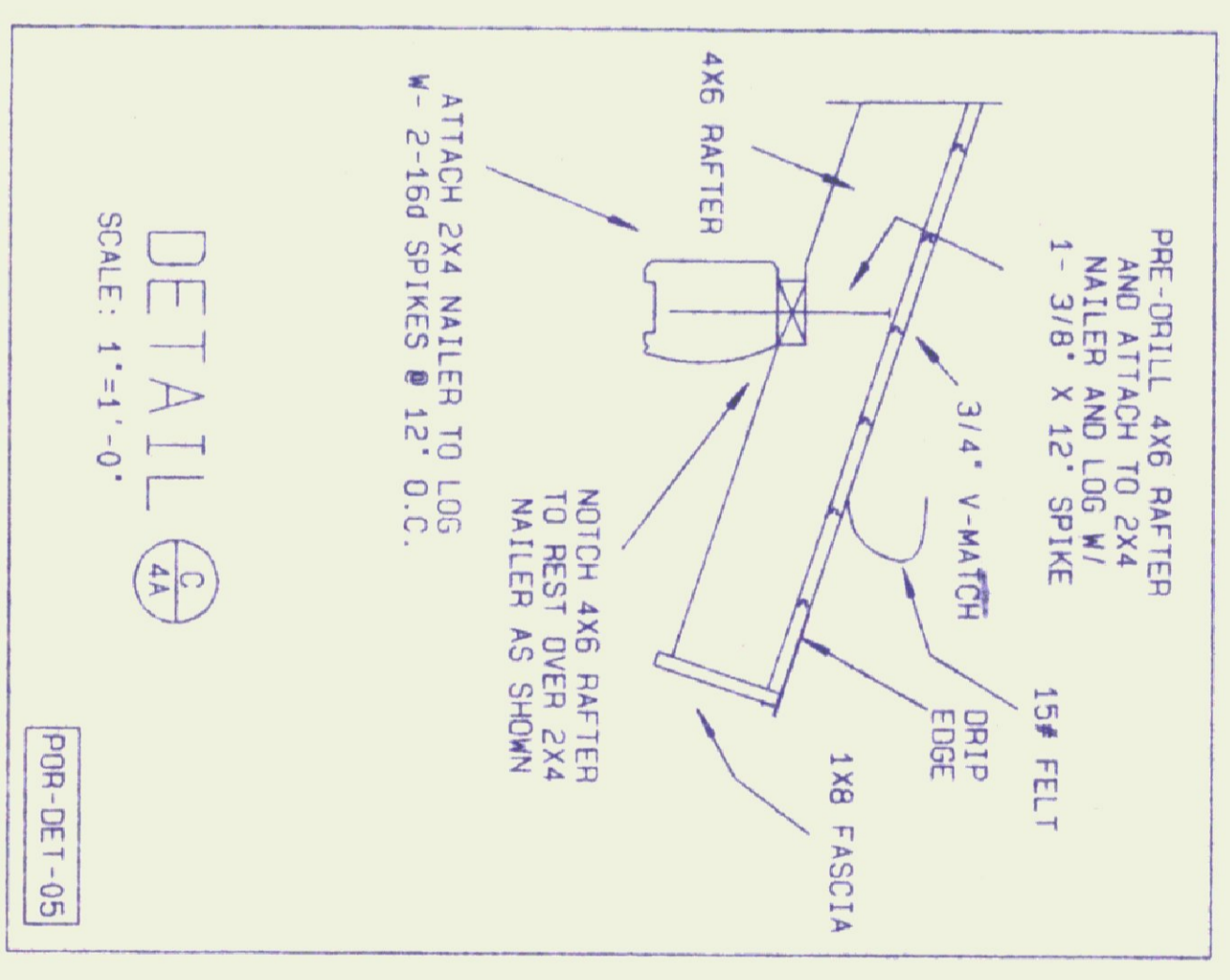
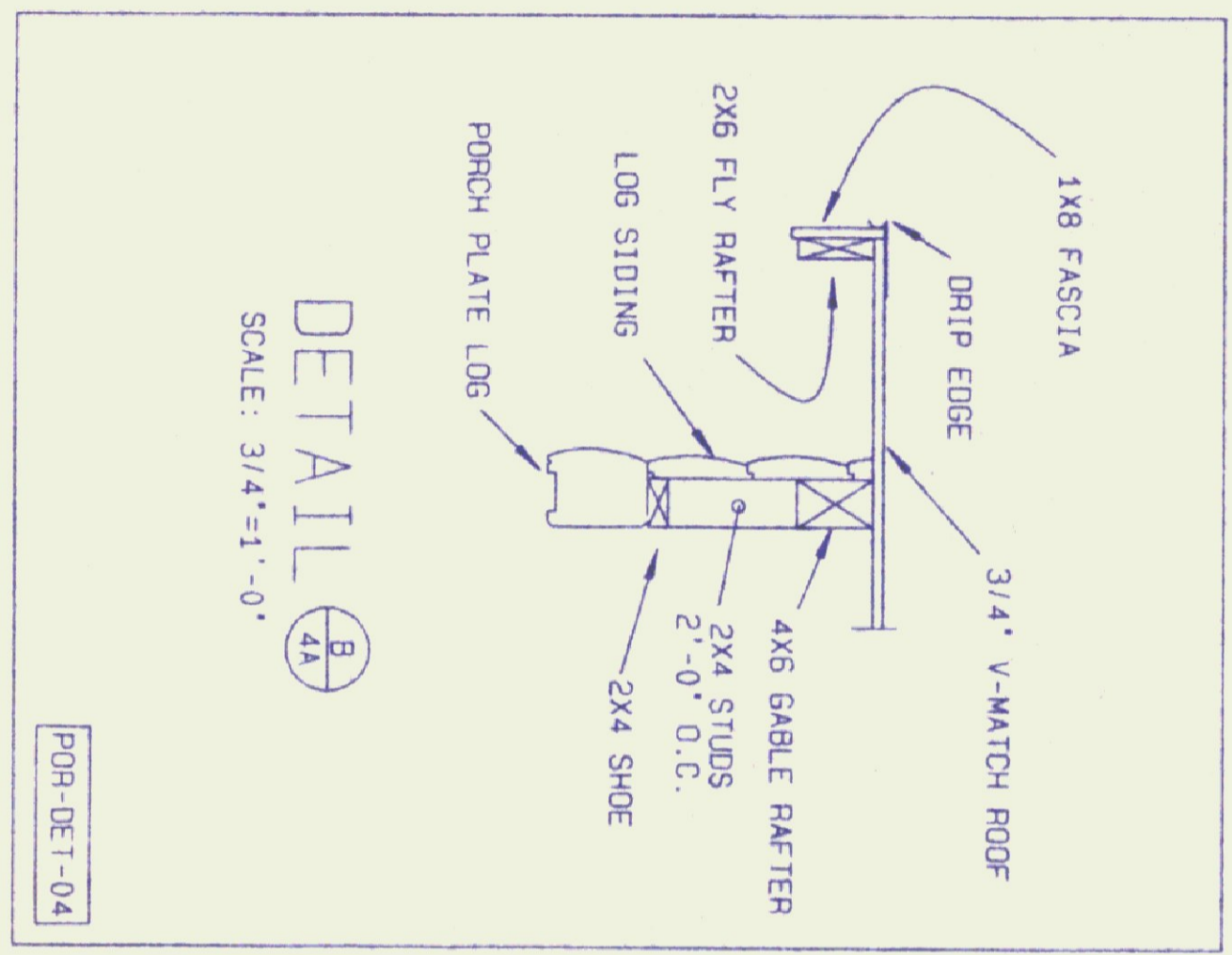
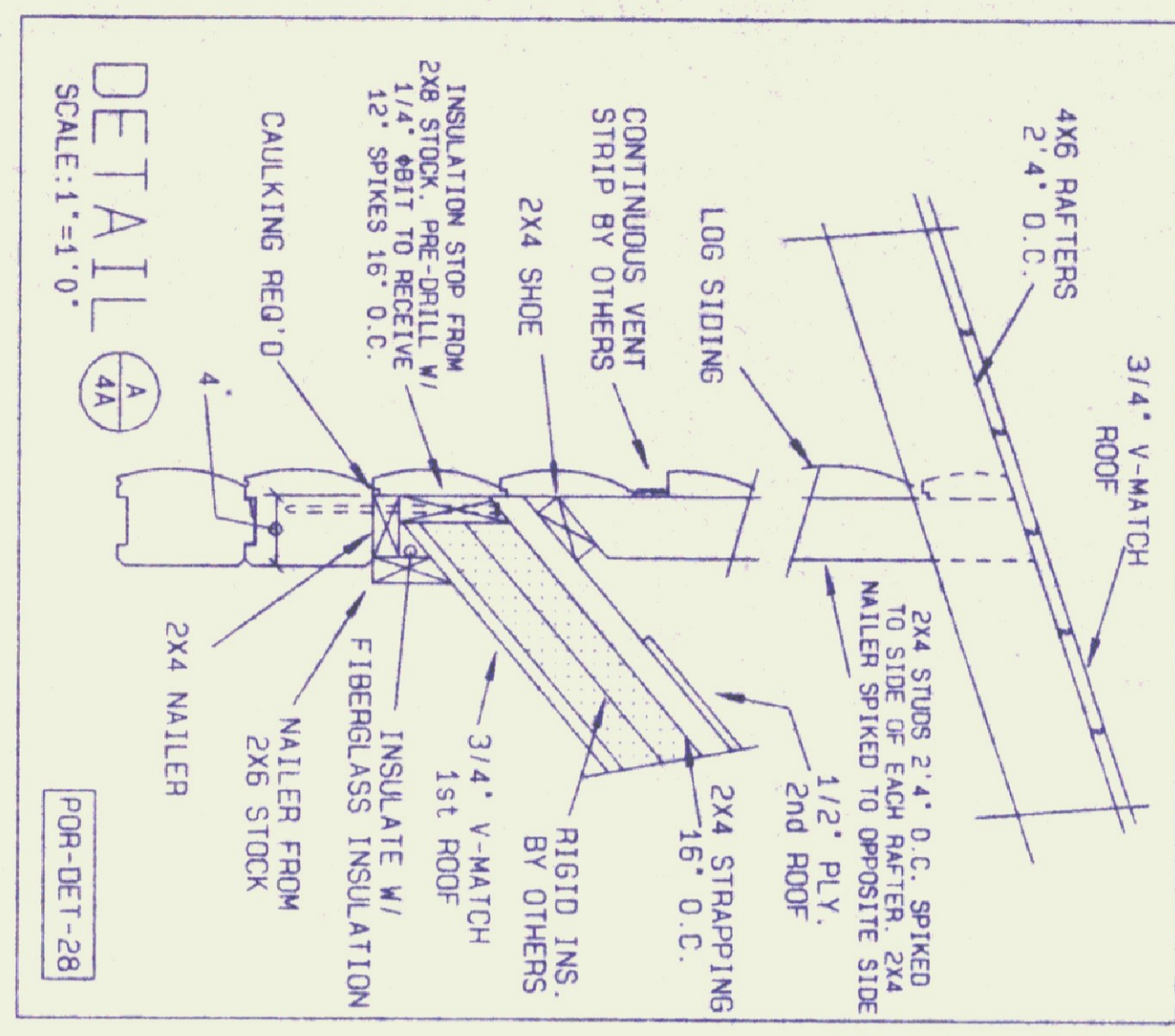
SCALE 1/4" = 1'-0" SHEET NO. 1



LOG HOMES
 C O U N C I L
 CHARTER MEMBER

DATE	BY	CHKD

GENERAL NOTES:



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NO.	REVISION	DATE	BY	CHKD

DRN	ZR	DDSS

PROJECT NAME	NECCO INC. / ALBURG WELCOME CENTER
DATE	9-24-96
SCALE	1/4" = 1'-0"
PLANNING NO.	NE-15923
SHEET NO.	4A

HELPFUL TIPS ON HOW TO READ THESE BLUEPRINTS

THE NUMBERED SHEETS IN THESE PLANS, EG. SHEET #1, 2, 3, ETC. REFLECT DRAWINGS THAT ARE SPECIFIC AND DIRECTLY APPLY TO THIS BUILDING ONLY.

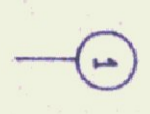
THE STANDARD DETAIL SHEETS INCLUDED WITH THESE PLANS WHICH ARE LABELED AS SHEET A, A-2, B, ETC. ARE DETAILS WHICH ARE COMMON TO MOST ALL NORTHEASTERN LOG BUILDINGS BUT MAY OR MAY NOT APPLY TO THIS BUILDING.

EACH DETAIL ON EACH SHEET MARKED "STANDARD DETAILS" MUST BE REVIEWED CAREFULLY TO DETERMINE IF THAT DETAIL APPLIES TO THE HOME YOU ARE BUILDING. THEN FLAG THE DETAIL DESCRIBING WHETHER IT DOES OR DOES NOT APPLY. THIS WILL ALLOW FOR RAPID IDENTIFICATION OF APPLICABLE DETAILS EACH TIME YOU ARE REFERENCED TO A STANDARD DETAIL SHEET.

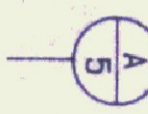
IF YOU ARE UNSURE AS TO THE APPLICABILITY OF A DETAIL WITH THIS BUILDING, CALL YOUR N.L.H. SALES REPRESENTATIVE FOR CLARIFICATION.

EXPLANATION OF REFERENCE SYMBOLS

THE FOLLOWING REFERENCE SYMBOLS ARE COMMONLY USED ON THESE BLUEPRINTS. BELOW IS AN EXPLANATION OF EACH SYMBOL AND HOW IT IS USED IN THE PLANS.



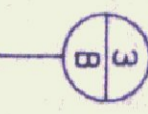
THIS SYMBOL IS PLACED NEXT TO A POST, BEAM, OR JOIST ETC. IT IDENTIFIES THE MEMBER IT IS PLACED NEXT TO. SIMPLY STATED, IT SHOWS WHERE POST #1 IS LOCATED ON THE PLAN. THESE MEMBERS HAVE NUMBERS MARKED ON THE ENDS FOR EASY IDENTIFICATION IN THE LUMBER BUNDLES.



THESE SYMBOLS IDENTIFY DETAILS THAT ARE DRAWN AT A LARGER SCALE WHICH SHOW CLOSE UP VIEWS OF HOW A PARTICULAR AREA IS TO BE BUILT. THE TAIL POINTS TO OR CUTS THROUGH THE AREA THAT IS DETAILED. THE TOP LETTER IN THE SYMBOL IS THE NAME OF THE DETAIL AND THE BOTTOM NUMBER IS THE PAGE OF THE PLANS THE DETAIL IS LOCATED ON. IN THIS EXAMPLE, IT MEANS DETAIL "A" IS LOCATED ON SHEET #5 OF THE PLANS.



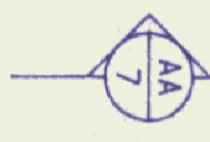
IN MANY CASES, THE SYMBOL WILL HAVE A TRIANGLE PLACED ON ONE SIDE OF IT. THIS POINTS OUT DIRECTION AND MEANS THE DETAIL IS VIEWED LOOKING IN THE DIRECTION THE TRIANGLE IS POINTING.



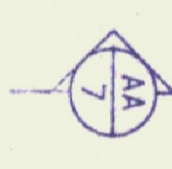
SOME TIMES THE TOP PART OF THE SYMBOL HAS A NUMBER INSTEAD OF A LETTER. FOR EXAMPLE, A "3" IN THE UPPER PART AND A "8" IN THE LOWER PART MEANS DETAIL #3 IS LOCATED ON DETAIL SHEET "B".



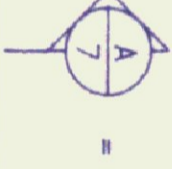
THESE SYMBOLS ARE SHOWN ON THE FLOOR PLAN ONLY. THEY INDICATE THE DIFFERENT LOG WALL ELEVATIONS. THE TRIANGLE POINTS TO THE WALL IT IS IDENTIFYING, AND THE LETTER INSIDE IS THE ELEVATION DESIGNATION. THIS SYMBOL IS POINTING TO WALL ELEVATION "B".



THESE SYMBOLS IDENTIFY CROSS SECTIONS THAT SHOW WHAT THE AREA LOOKS LIKE IF YOU SLICED THROUGH IT. THE TAILS OF THE SYMBOLS GO THROUGH THE AREA THAT IS SLICED. THE TRIANGLE POINTS IN THE DIRECTION THAT THE SECTION IS TO BE VIEWED. THE "AA" IN THE TOP PART OF THE SYMBOL IS THE NAME OF THE SECTION. THE 7 IN THE BOTTOM PART OF THE SYMBOL IS THE PAGE NUMBER OF THE PLANS THE SECTION IS ILLUSTRATED ON. THESE SYMBOLS MOST OFTEN APPEAR IN PAIRS ON THE FLOOR PLAN, AND THE ROOF FRAMING PLAN, AND ARE USUALLY SHOWN AT PARTITIONS THAT SUPPORT THE ROOF.



= SECTION SYMBOL



= DETAIL SYMBOL

THE SYMBOLS FOR CROSS SECTIONS ARE VERY SIMILAR TO THE SYMBOLS USED TO IDENTIFY DETAILS. THE FOLLOWING IS A GOOD METHOD TO DISTINGUISH THE TWO. DETAIL SYMBOLS HAVE DOUBLE LETTERS IN THE UPPER HALF OF THE SYMBOL, WHERE SECTION SYMBOLS HAVE SINGLE LETTERS.

STANDARD ABBREVIATIONS AND SYMBOLS

@ AT	2/B DETAIL 2 ON SHEET "B"	EGRESS EMERGENCY EXIT WINDOW	MAX. MAXIMUM	R. RISERS
= EQUALS	2X6 PART. 2 BY 6 PARTITION	ELEV. ELEVATION	MIN. MINIMUM	REF. REFRIGERATOR
# NUMBER OR POUNDS	BM. BEAM	EXT. EXTERIOR	MISC. MISCELLANEOUS	REINF. REINFORCED
φ DIAMETER	B.O. BY OTHERS	FOUND. FOUNDATION	M.O. MASONRY OPENING	REQ'D. REQUIRED
W/ WITH	BSMT. BASEMENT	GALV. GALVANIZED	MSFR. MASTER	REP. REPRESENTATIVE
W/O WITHOUT	BTM. BOTTOM	GEN'L. GENERAL	MULL. MULLION	RM. ROOM
⊕ CENTER LINE	CLG. CEILING	HORZ. HORIZONTAL	N.L.H. NORTHEASTERN	R.O. ROUGH OPENING
& AND	CLO. CLOSET	INS. INSULATION	LOG HOMES	SHT. SHEET
± PLUS OR MINUS	CONC. CONCRETE	INT. INTERIOR	NO. NUMBER	SPECS. SPECIFICATIONS
1' ONE FOOT	CONT. CONTINUOUS	KIT. KITCHEN	O.C. ON CENTER	SUPP. SUPPORT
1" ONE INCH	D. DRYER	L. LANDING	OH. OVERHEAD	T. TREADS
1/4" ONE QUARTER INCH	DBL. DOUBLE	LAV. LAVATORY	P. PANTRY	TYP. TYPICAL
FT ² FEET SQUARED	DIM. DIMENSION	LIN. LINEN CLOSET	PART. PARTITION	VERT. VERTICAL
#/FT POUNDS PER FOOT	DN. DOWN	L.R. LOG ROWS	PLY. PLYWOOD	W. WASHER
8d EIGHT PENNY	DTL'S. DETAILS	LVL. LAMINATED VENEER	P.T. PRESSURE TREATED	

INDEX OF STANDARD DETAIL SHEETS

A	FOUNDATION CONSTRUCTION
A-1	FOUNDATION OPENINGS
A-2	FLOOR FRAMING & RAILINGS
A-3	GASKET & CALKING INFO.
A-4	GASKET & CALKING INFO.
B	LOG WALL CONSTRUCTION
B-1	CEILINGS & PARTITIONS
B-2	SHEAR WALL MAIL SPECS.
C	TRUSS & ROOF CONSTRUCTION
C-1	SHINGLE VENT INSTALLATION
C-2	ROOF MAILING SPECS.
C-3	DOUBLE ROOF CONSTRUCTION
C-4	SPECIAL ROOF CONSTRUCTION
D	WINDOW INSTALLATION IN LOG WALLS
D-1	WINDOW INSTALLATION IN LOG WALLS
D-2	DOOR INSTALLATION IN LOG WALLS
D-3	DOOR & WINDOW INSTALLATION IN LOG SIDING FRAME WALLS
D-4	SPECIAL WINDOW INSTALLATION IN LOG WALLS
D-5	PATIO HINGED & GLIDING DOOR INSTALLATION IN LOG WALLS
E-1	STAIR & RAIL CONSTRUCTION (AT GIRDER)
E-2	STAIR & RAIL CONSTRUCTION (L STYLE)
E-3	STAIR & RAIL CONSTRUCTION (SPECIAL)
E-4	STAIR & RAIL CONSTRUCTION (W/O GIRDER)
E-5	STAIR & RAIL CONSTRUCTION (BSMT. LANDG)
F	ROOF FLASHING & VENTING
G	ROOF WINDOW INSTALLATION
G-1	SKYLIGHT INSTALLATION
H	ROOF FRAMING AT CHIMNEYS

NOTE: ALL DETAIL SHEETS ARE NOT SENT WITH EVERY PLAN. ONLY THOSE SHEETS NEEDED FOR A CERTAIN BUILDING. ALSO, ALL DETAILS ON A PARTICULAR SHEET MAY NOT APPLY TO EACH BUILDING.

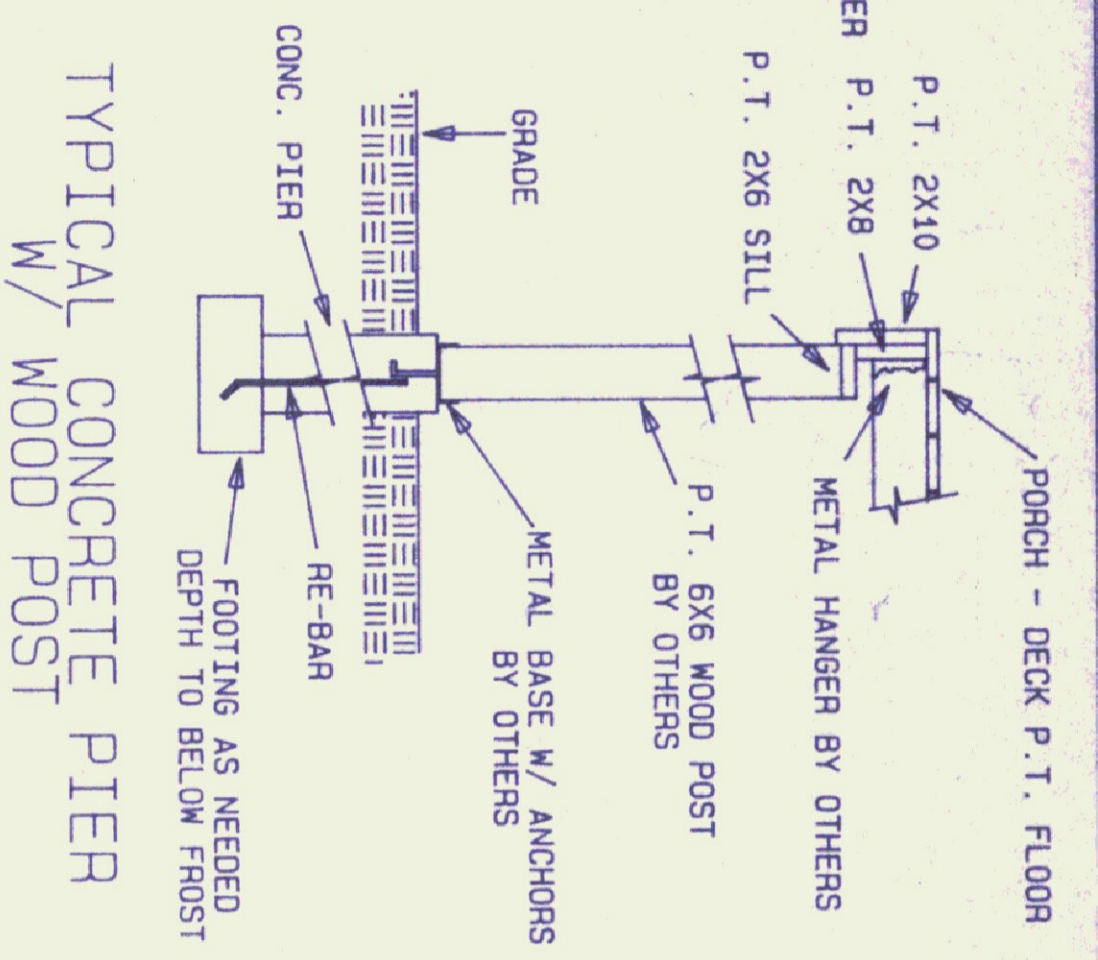
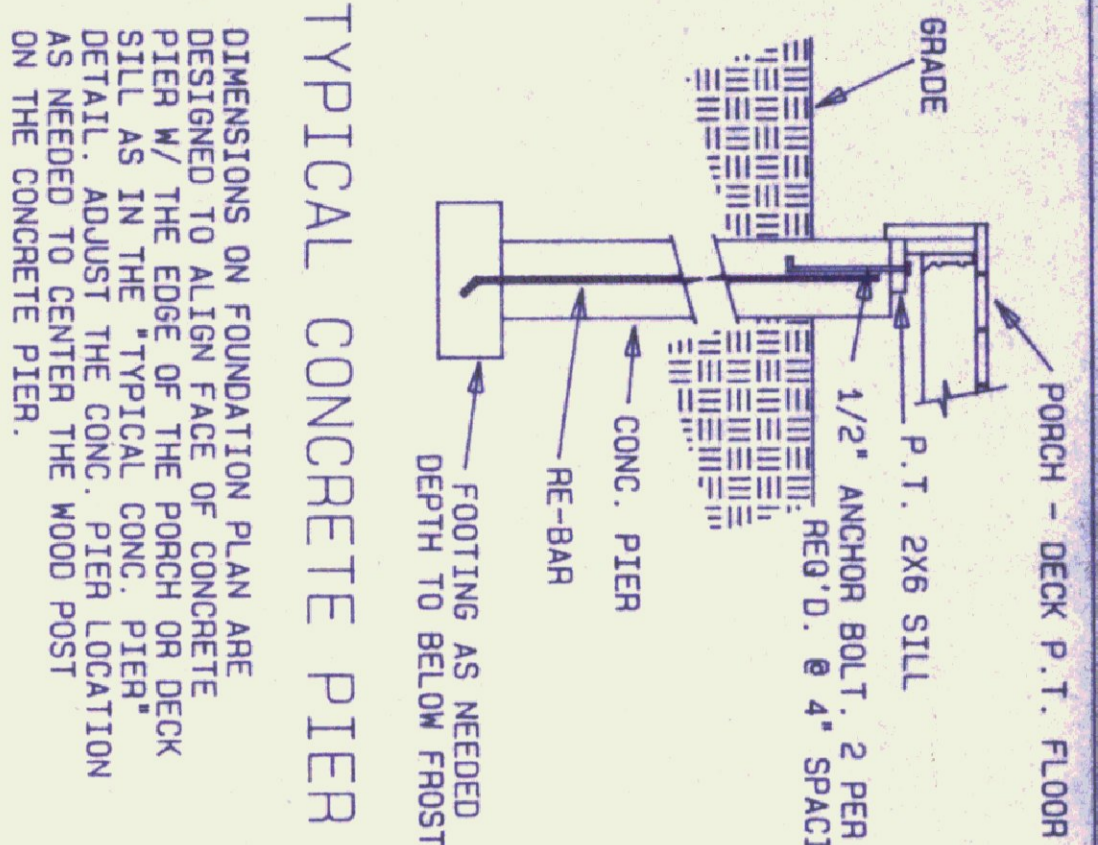


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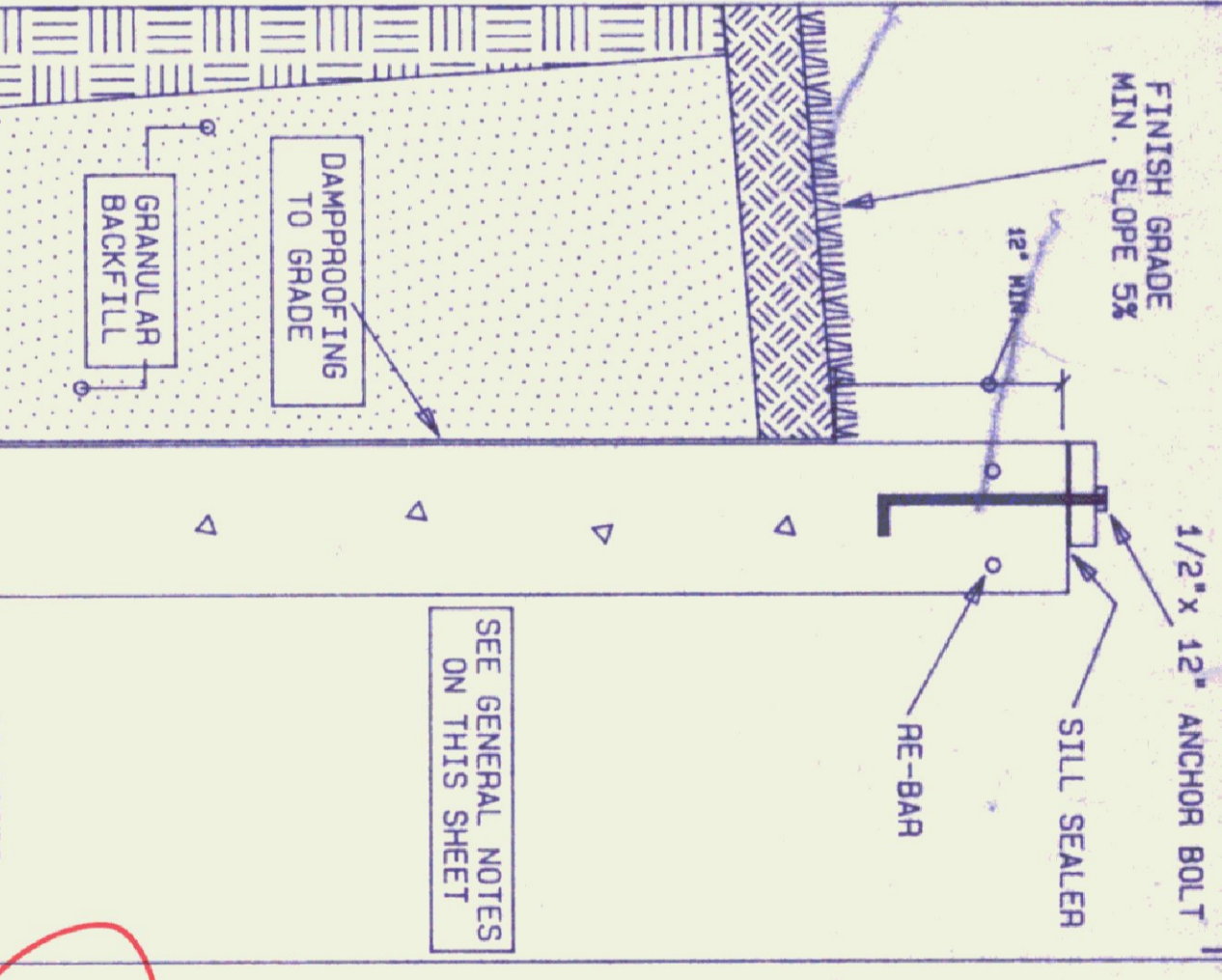
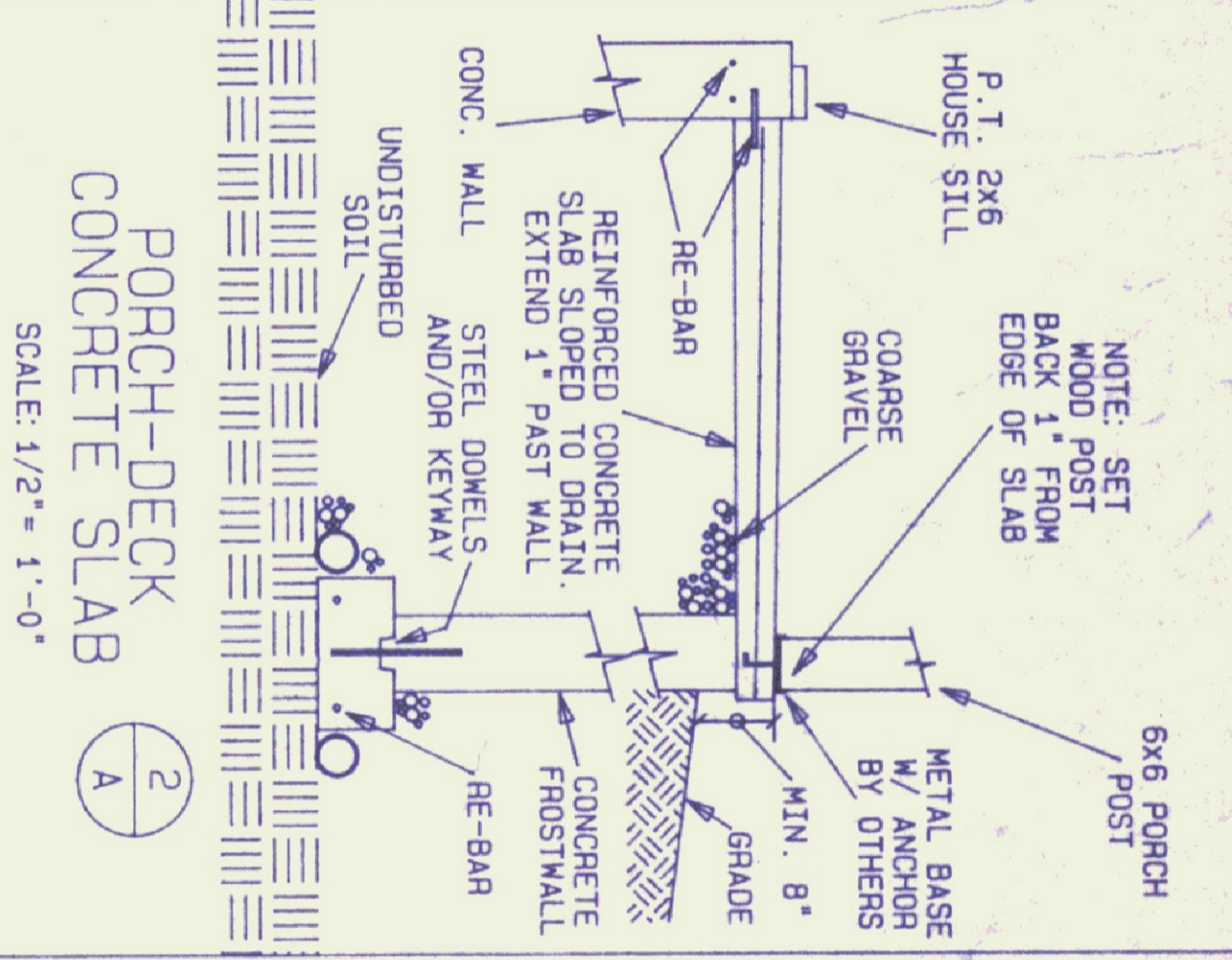
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DATE	PLANNED	SHT. NO.		
JAN 1 1995	NE			
SCALE				
DIN	MG	CODES		
CKO	SP			
PROJECT NAME	STANDARD DETAILS D-96			
MODEL				
WINDOWS				

SYMBOLS & ABBREVIATIONS

DATE	PLANNED	SHT. NO.
JAN 1 1995	NE	
SCALE		
DIN	MG	CODES
CKO	SP	
PROJECT NAME	STANDARD DETAILS D-96	
MODEL		
WINDOWS		

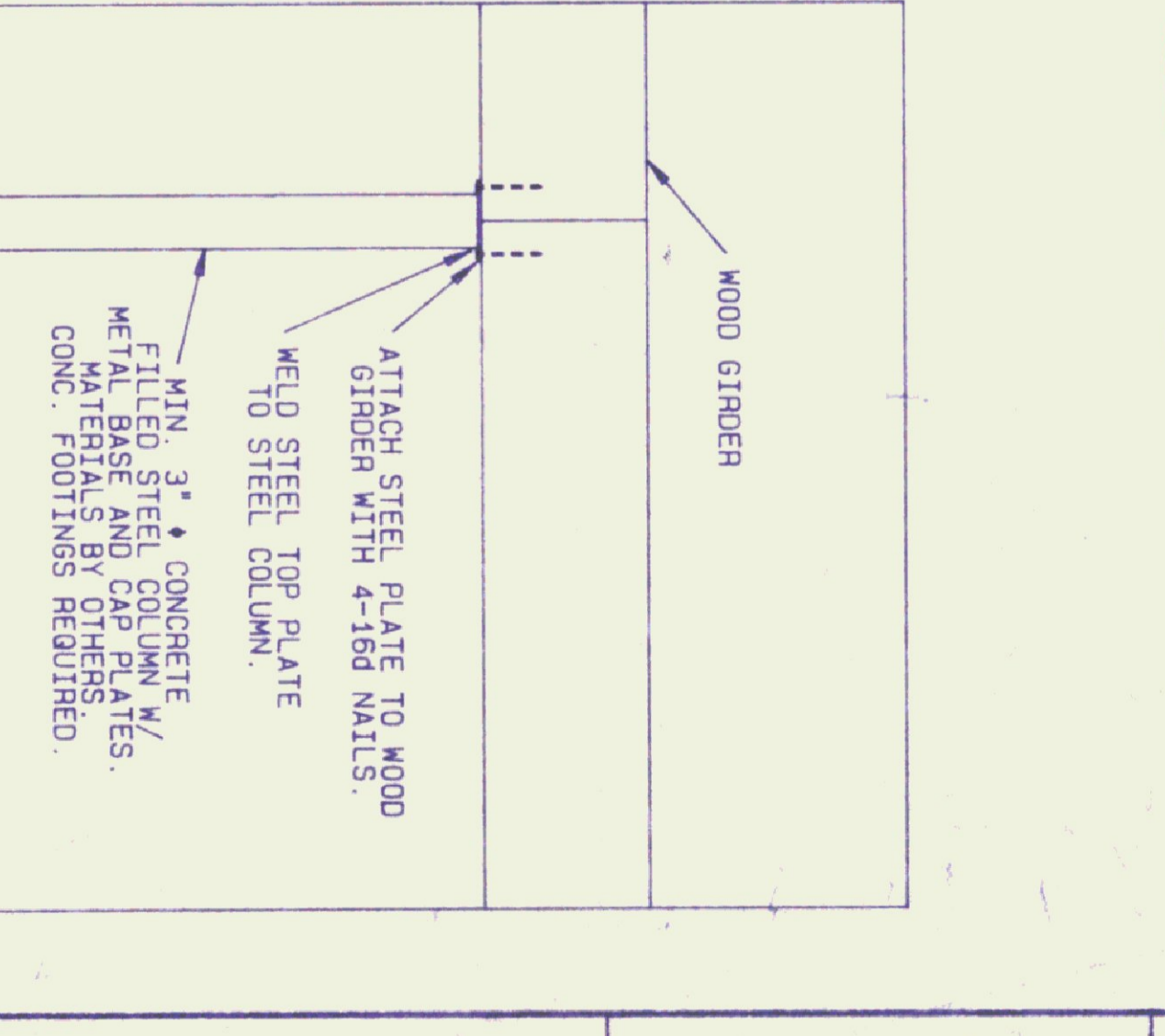
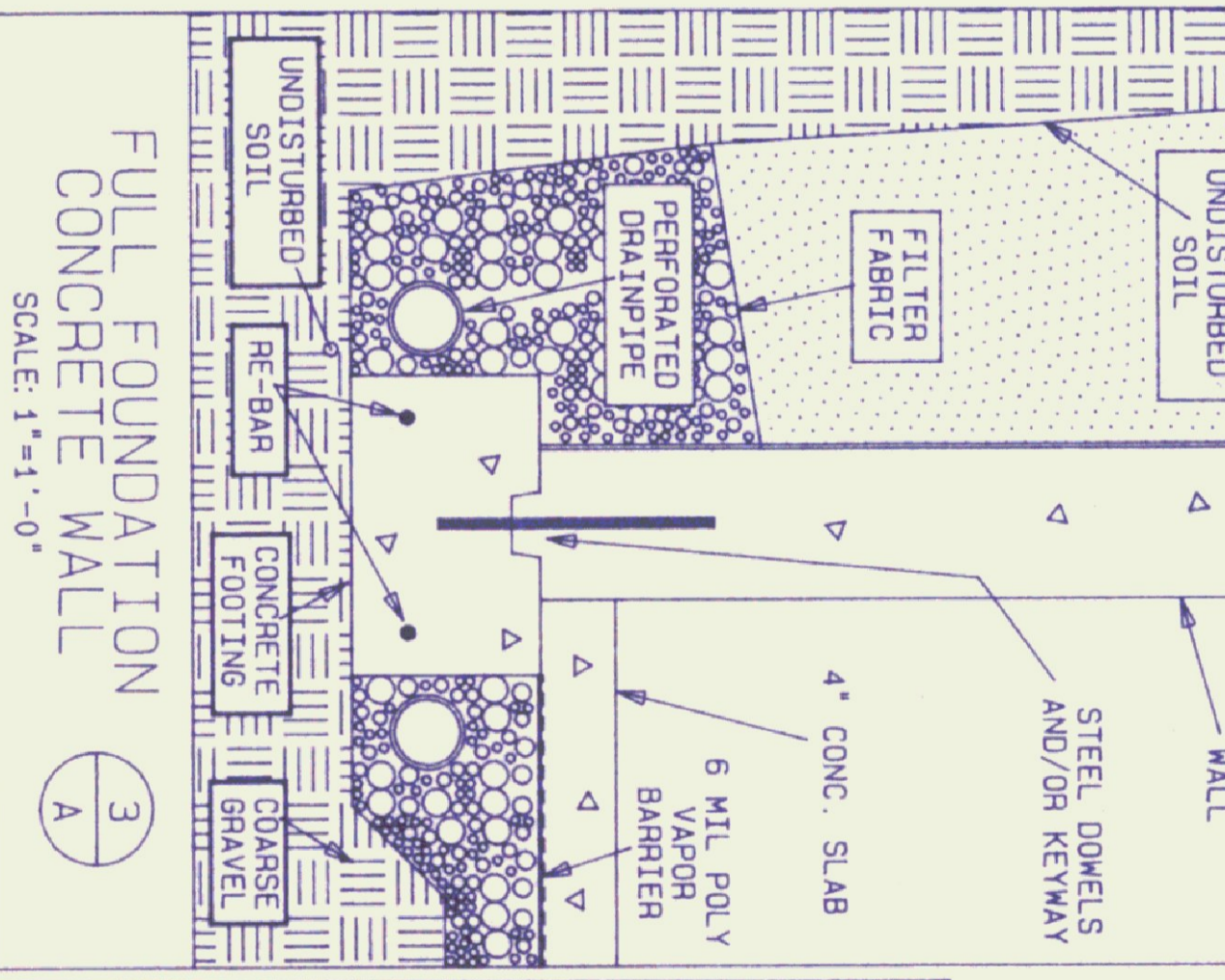
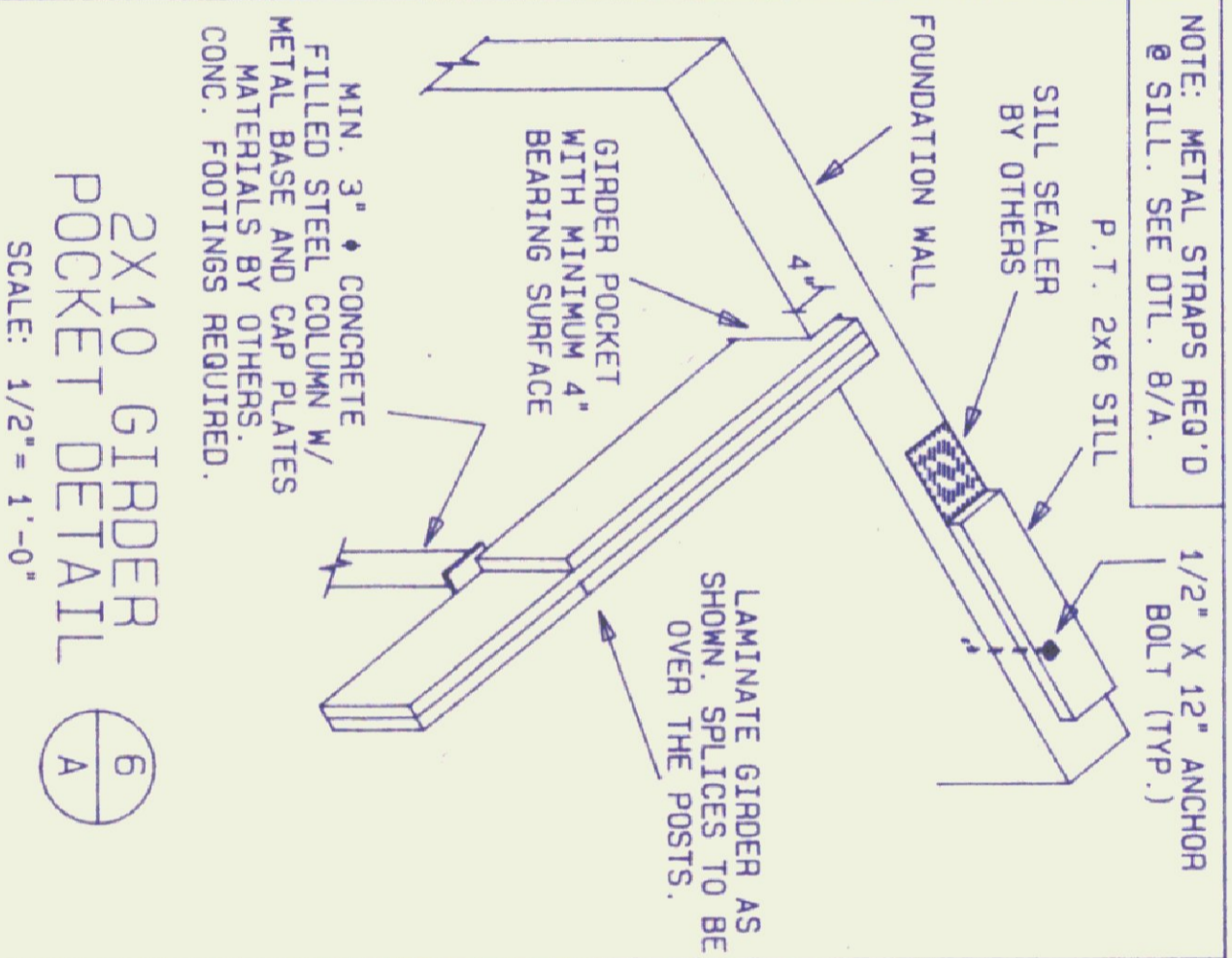
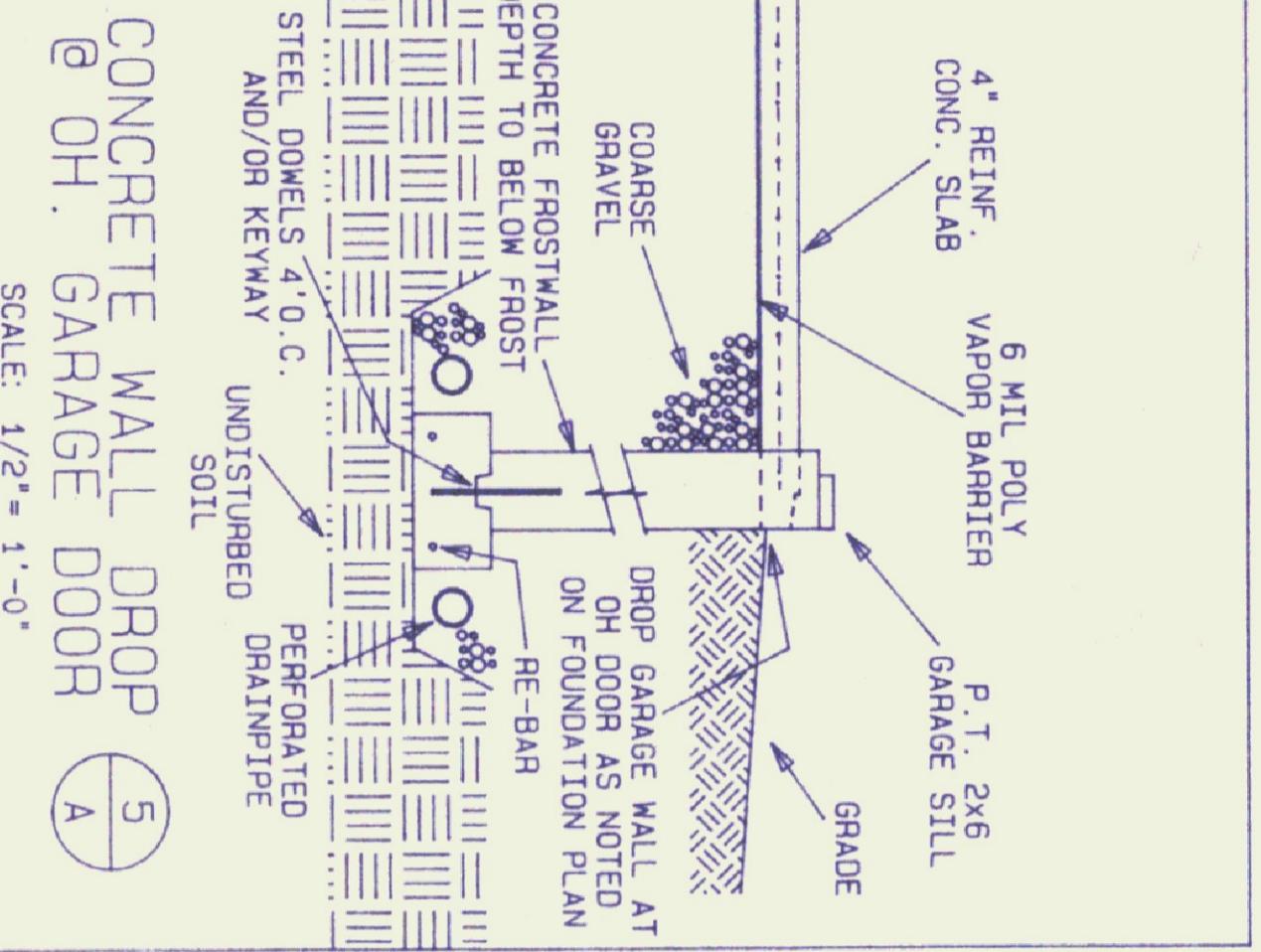
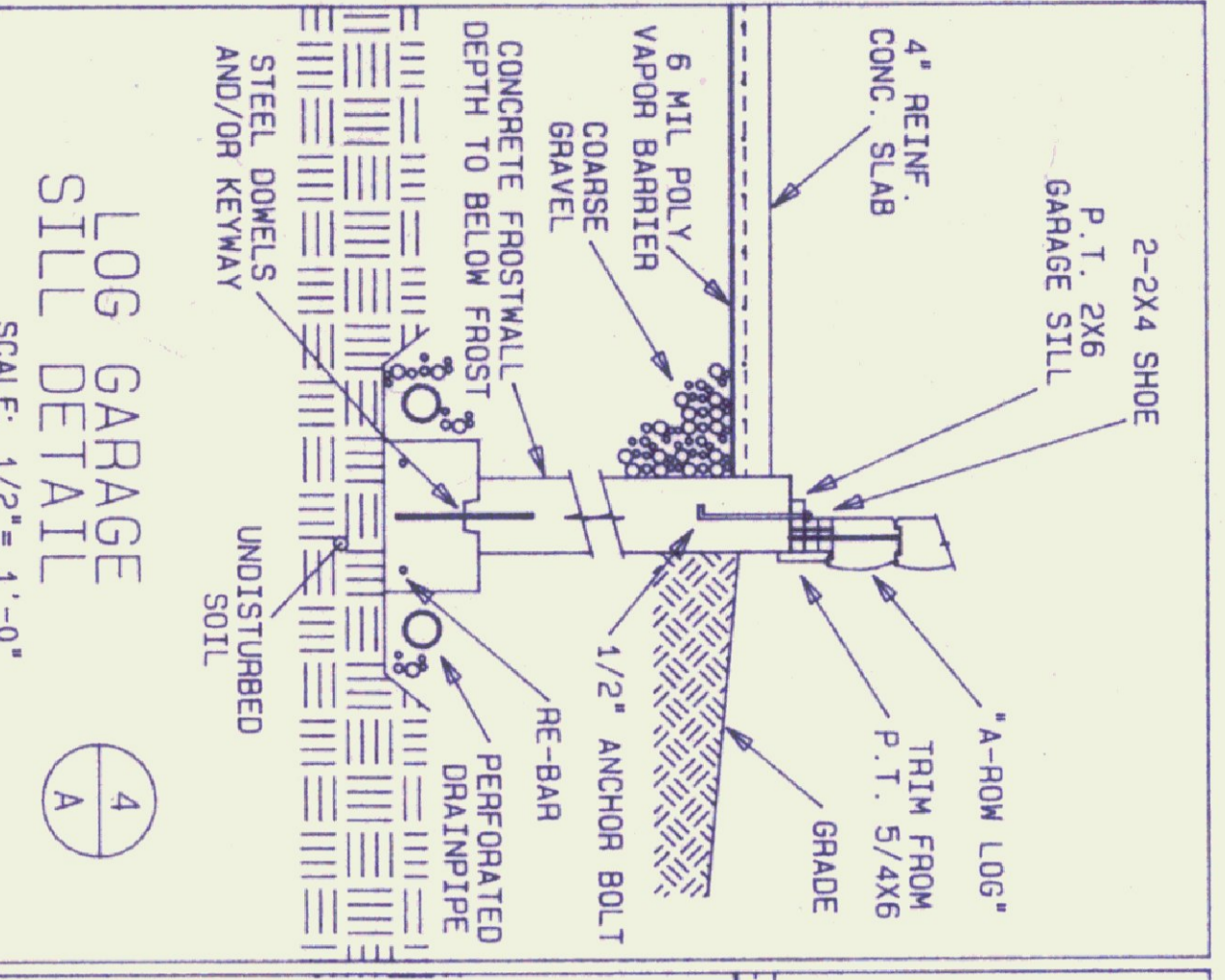


PORCH-DECK PIER DETAILS 1 SCALE: 1/2" = 1'-0"

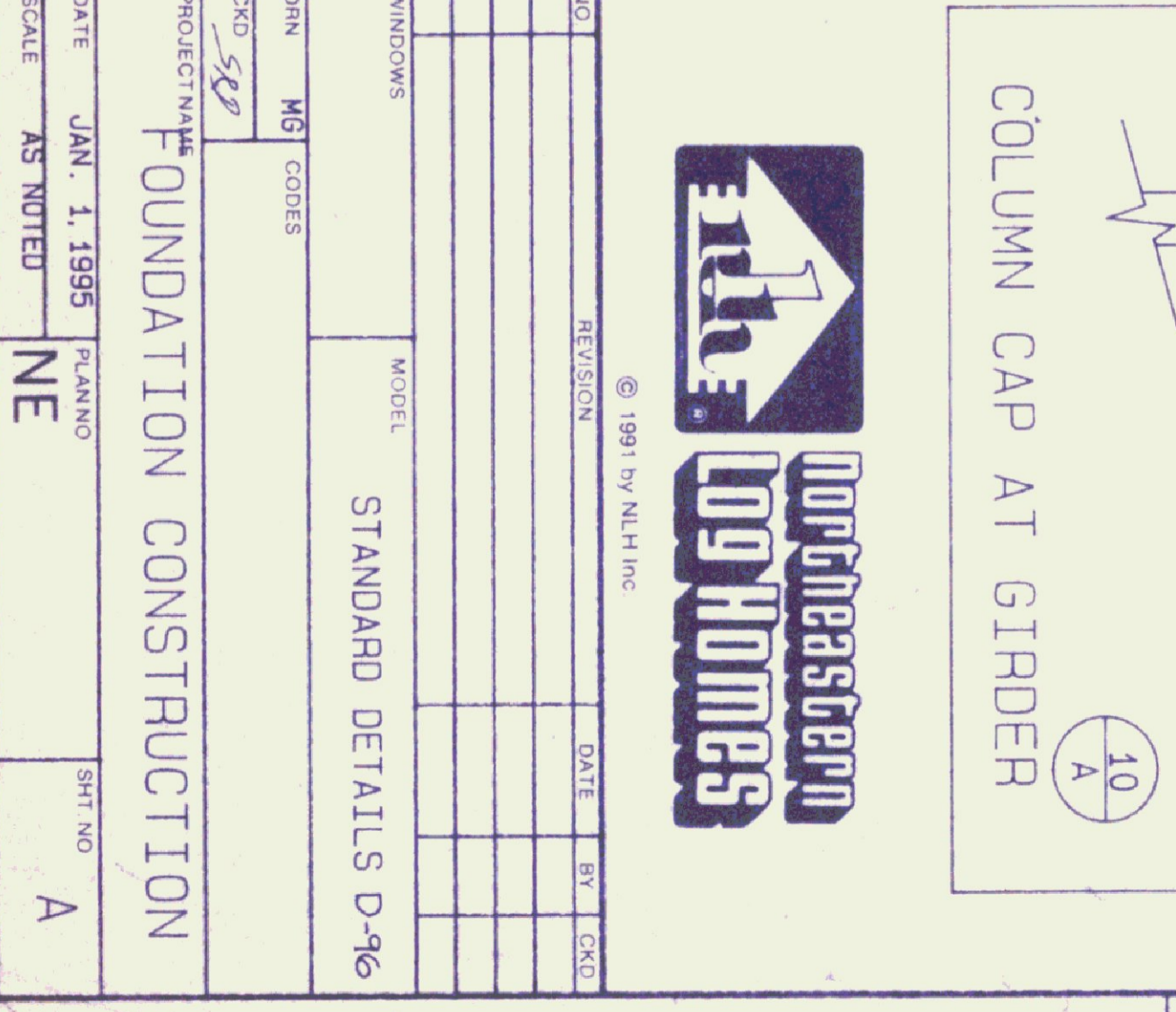
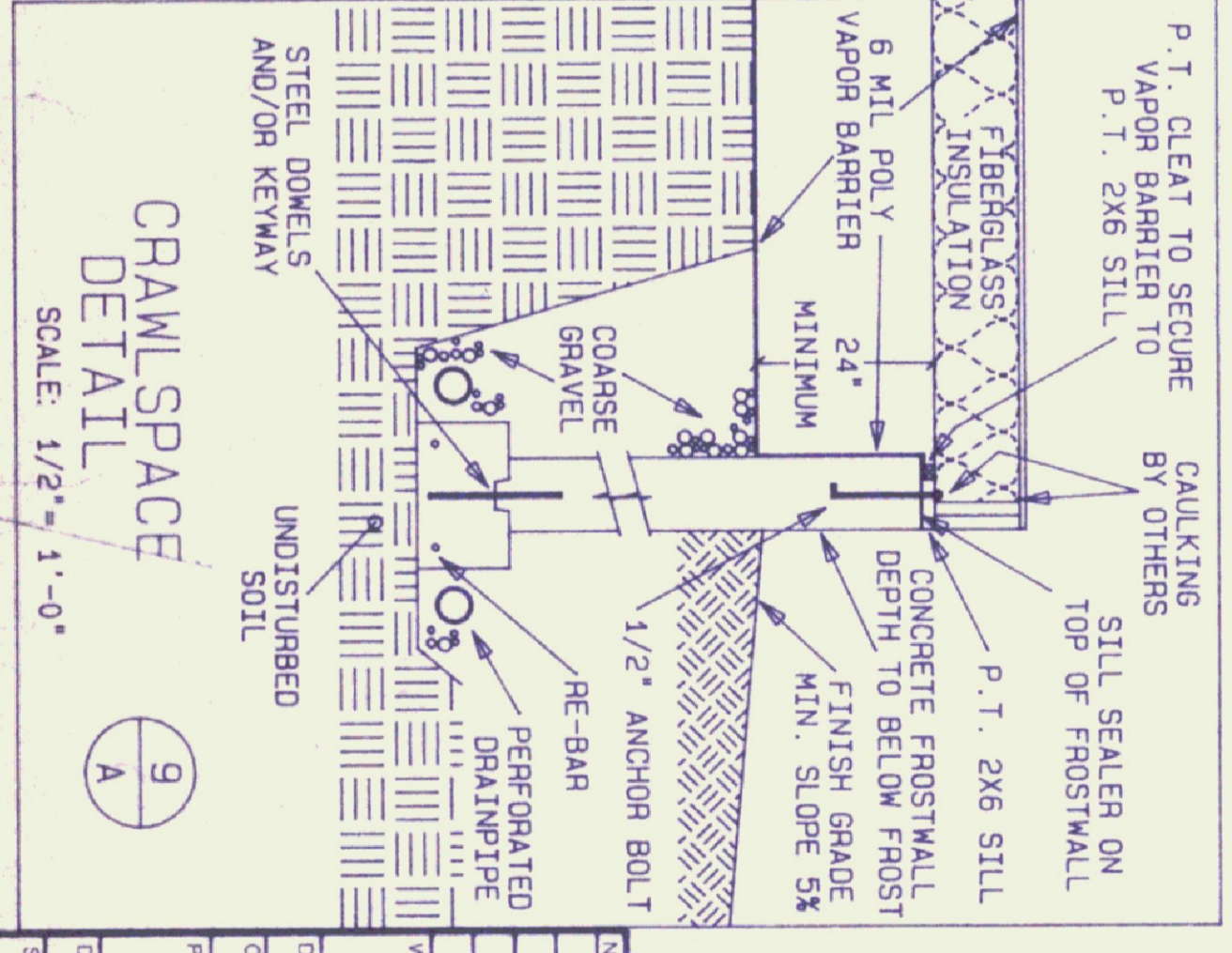
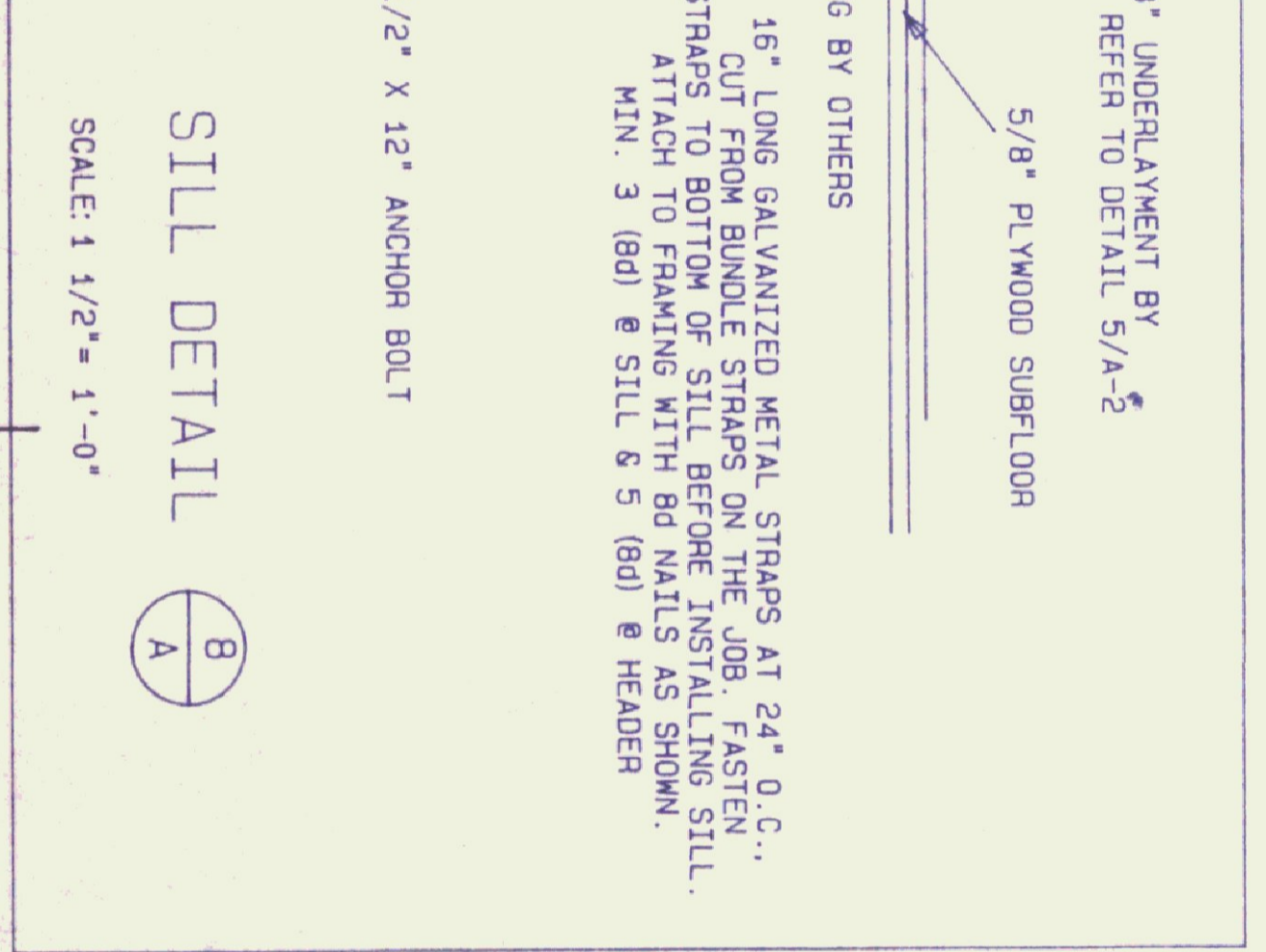
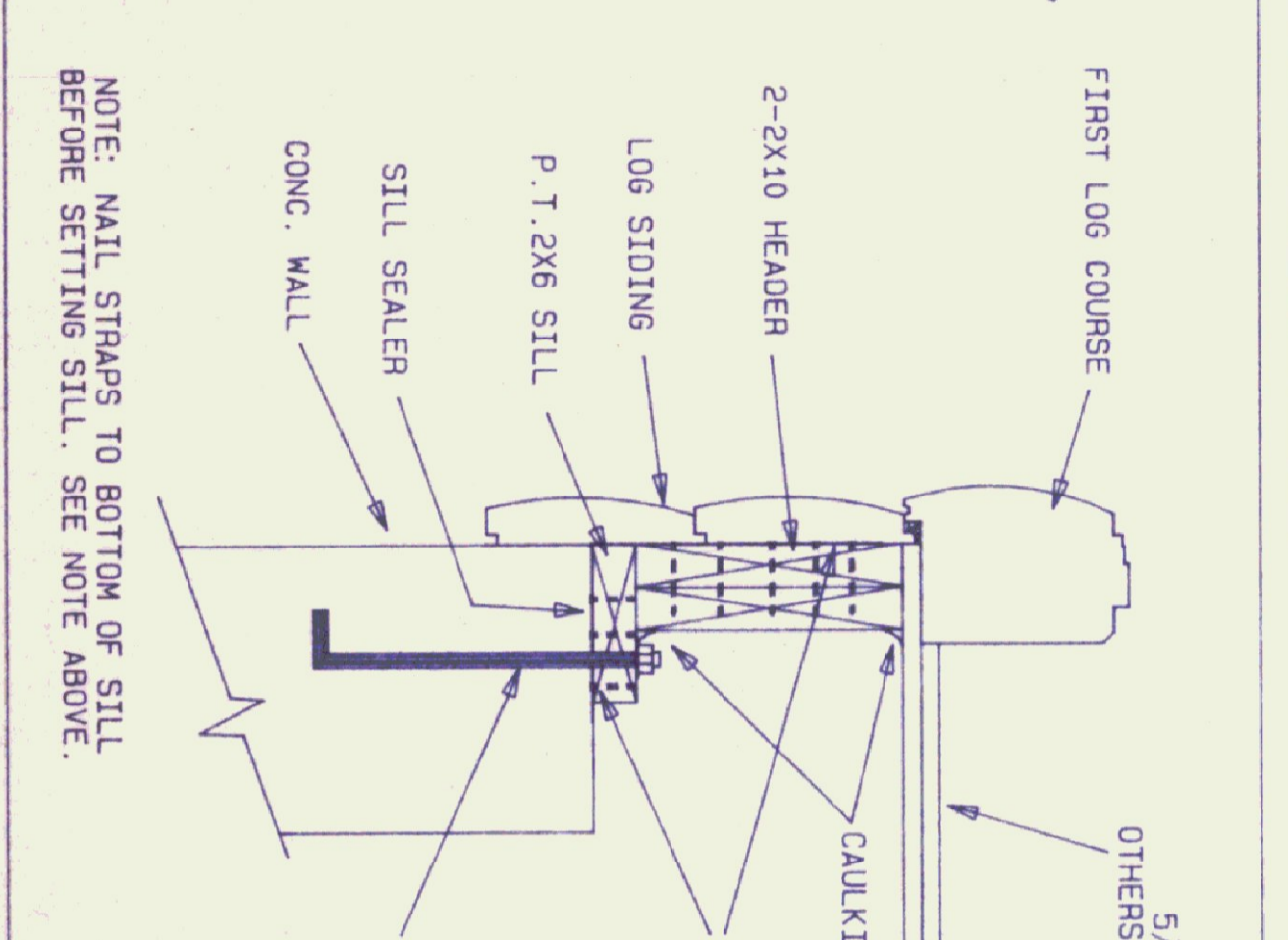
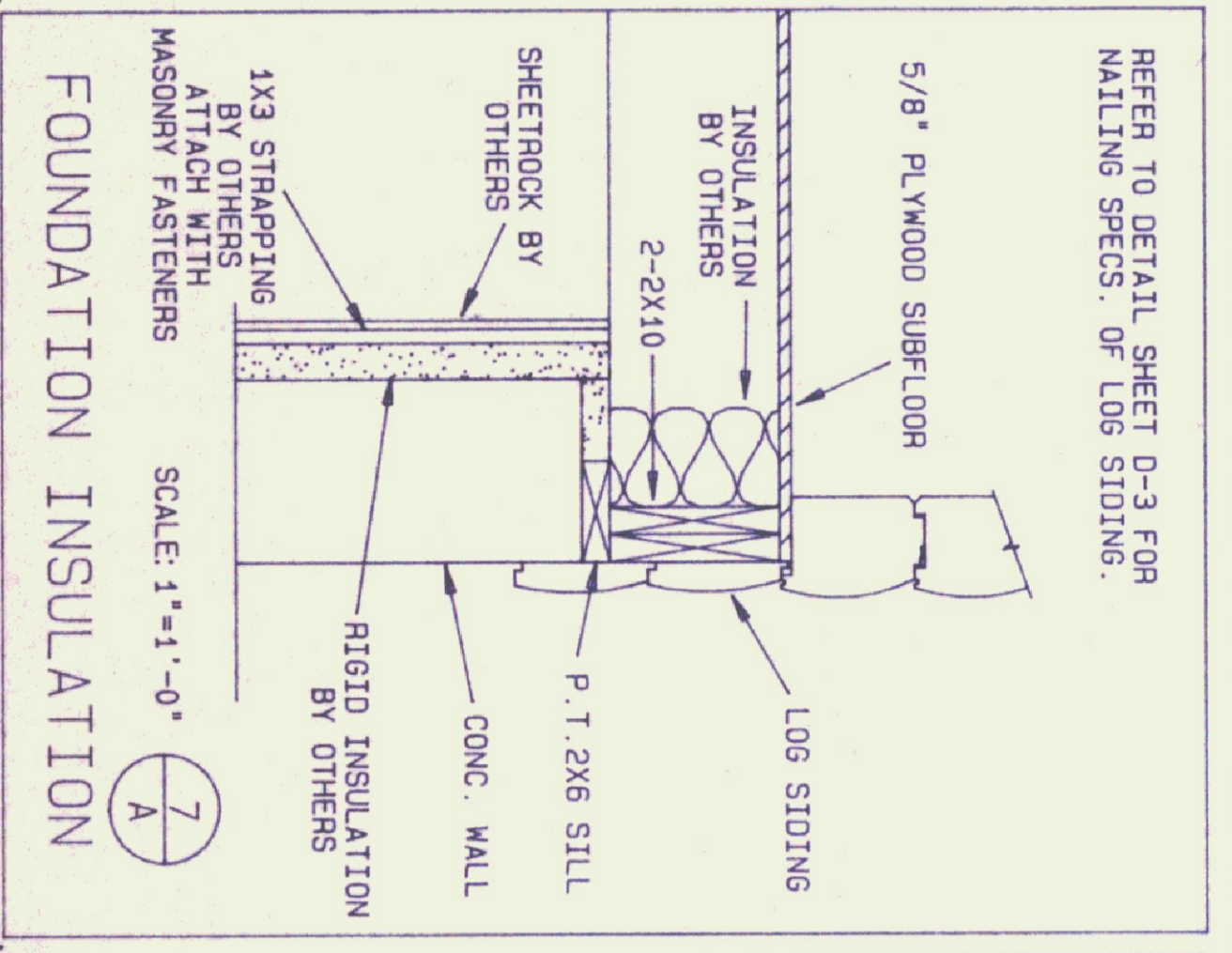


GENERAL NOTES:
 ALL FOOTINGS, CONCRETE MIXES, AND STEEL REINFORCEMENT SPECIFICATIONS ARE TO BE DETERMINED BY THE FOUNDATION CONTRACTOR PER LOCAL CODES AND SOIL CONDITIONS.
 IT IS EXTREMELY IMPORTANT THAT THE FOUNDATION BE ON MEASURE. THE FOUNDATION PLAN BLUEPRINT WILL SHOW ALL NECESSARY DIMENSIONS, FOOTING SIZES AND LOCATIONS, GIRDER POCKET SIZES AND LOCATIONS, ANCHOR BOLT PLACEMENT AND WALL ELEVATION CHANGES. CONSULT FOUNDATION CONTRACTOR ABOUT:
 ---WALL HEIGHT
 ---BASEMENT WINDOW & DOOR LOCATIONS (DO NOT LOCATE WINDOWS OR DOORS UNDER GIRDERS, FIRST FLOOR SUPPORT PARTITIONS, OR FIRST FLOOR EXTERIOR DOORS.)
 ---BULKHEAD OR OUTSIDE ENTRANCE
 ---OPENINGS FOR UTILITIES AND DRAINS
 ---INSULATING FOUNDATION WALLS AND SLABS
 A STEEL GIRDER MAY BE SUBSTITUTED FOR THE WOOD GIRDER TO MINIMIZE THE NUMBER OF SUPPORT COLUMNS. CONSULT YOUR N.L.H. SALES REP FOR STEEL SPECS.
 A WOOD PARTITION MAY BE SUBSTITUTED FOR THE WOOD GIRDER IN SOME CASES. CONSULT YOUR N.L.H. SALES REP FOR SPECIFICATIONS.
 REFER TO THE "CONSTRUCTION GUIDE" FOR ADDITIONAL INFORMATION ON FOUNDATION INSTALLATION.
 P.T. = PRESSURE TREATED
 O.C. = ON CENTER
 ∅ = DIAMETER

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



CRAWLSPACE DETAIL 9 SCALE: 1/2" = 1'-0"



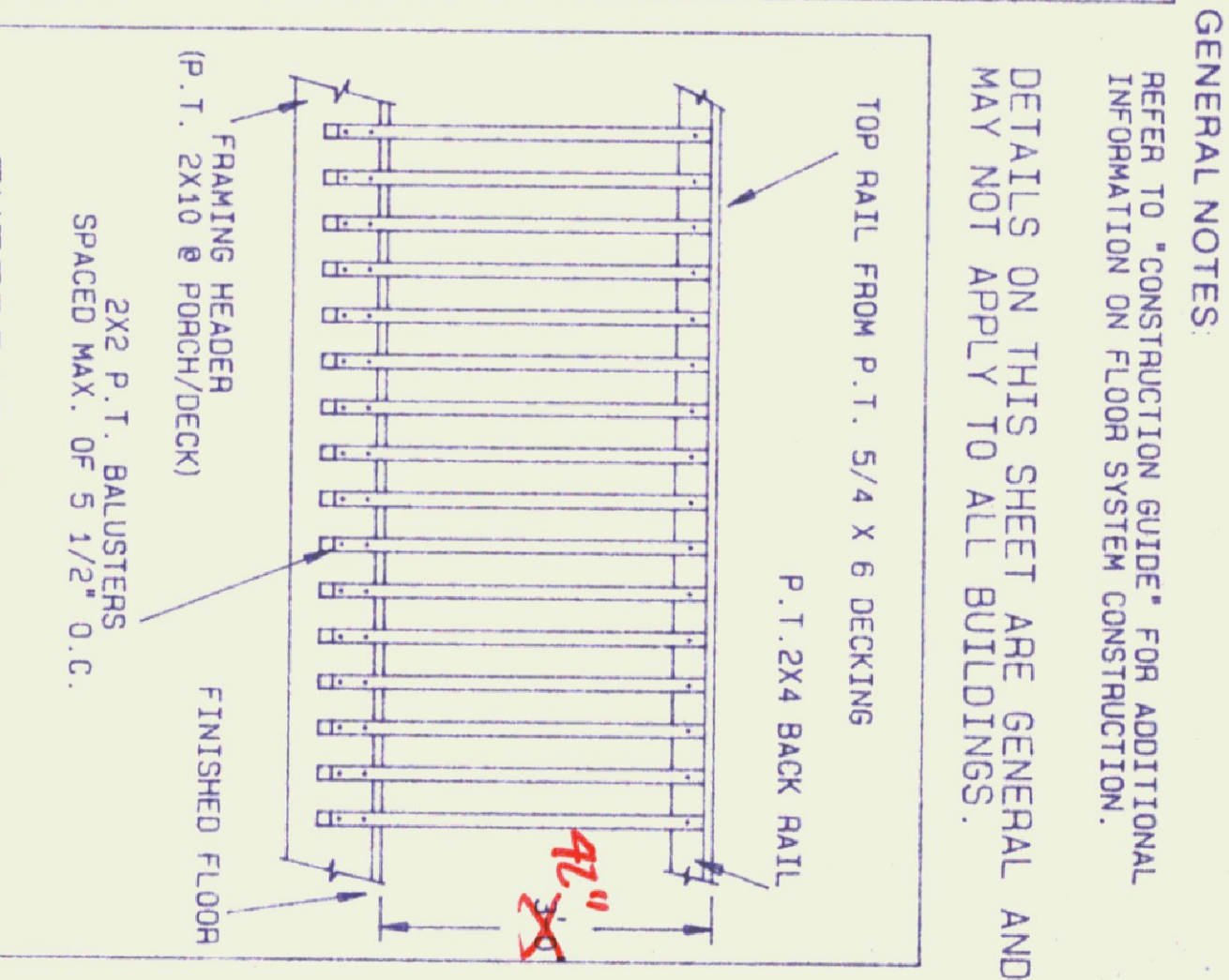
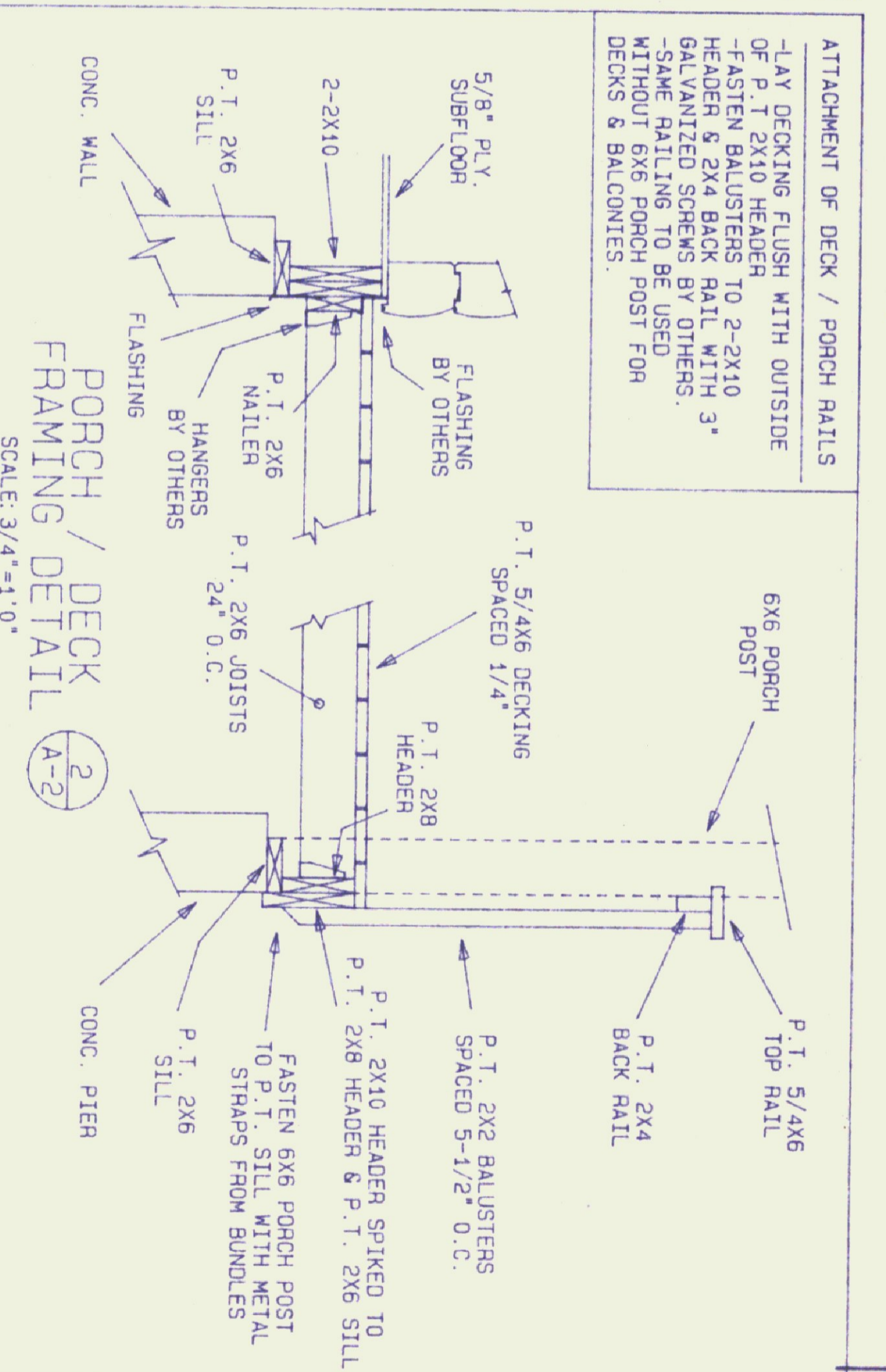
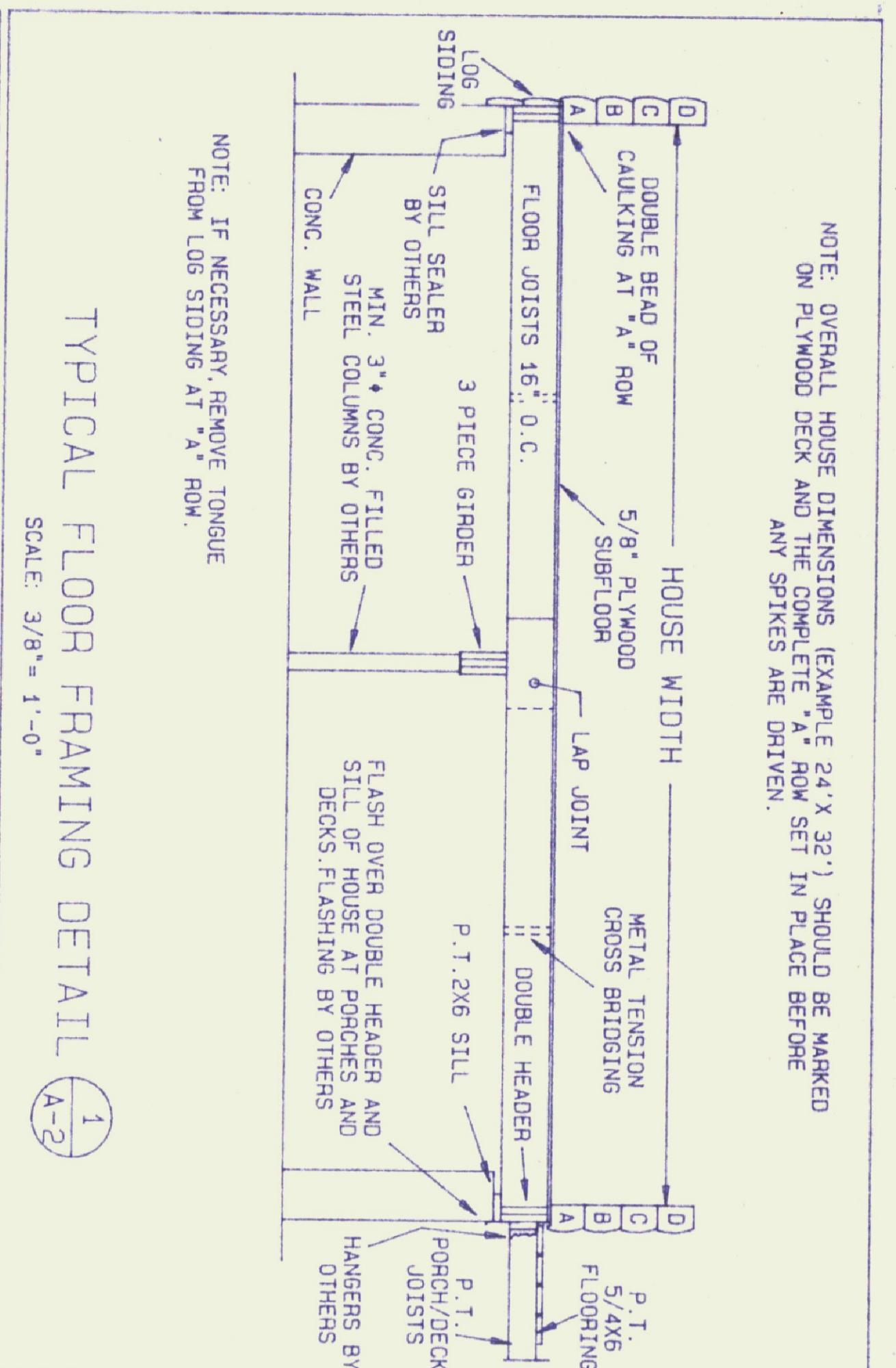
LOG GARAGE SILL DETAIL 4 SCALE: 1/2" = 1'-0"

Northwest Step
Log Homes
 © 1991 by N.L.H. Inc.

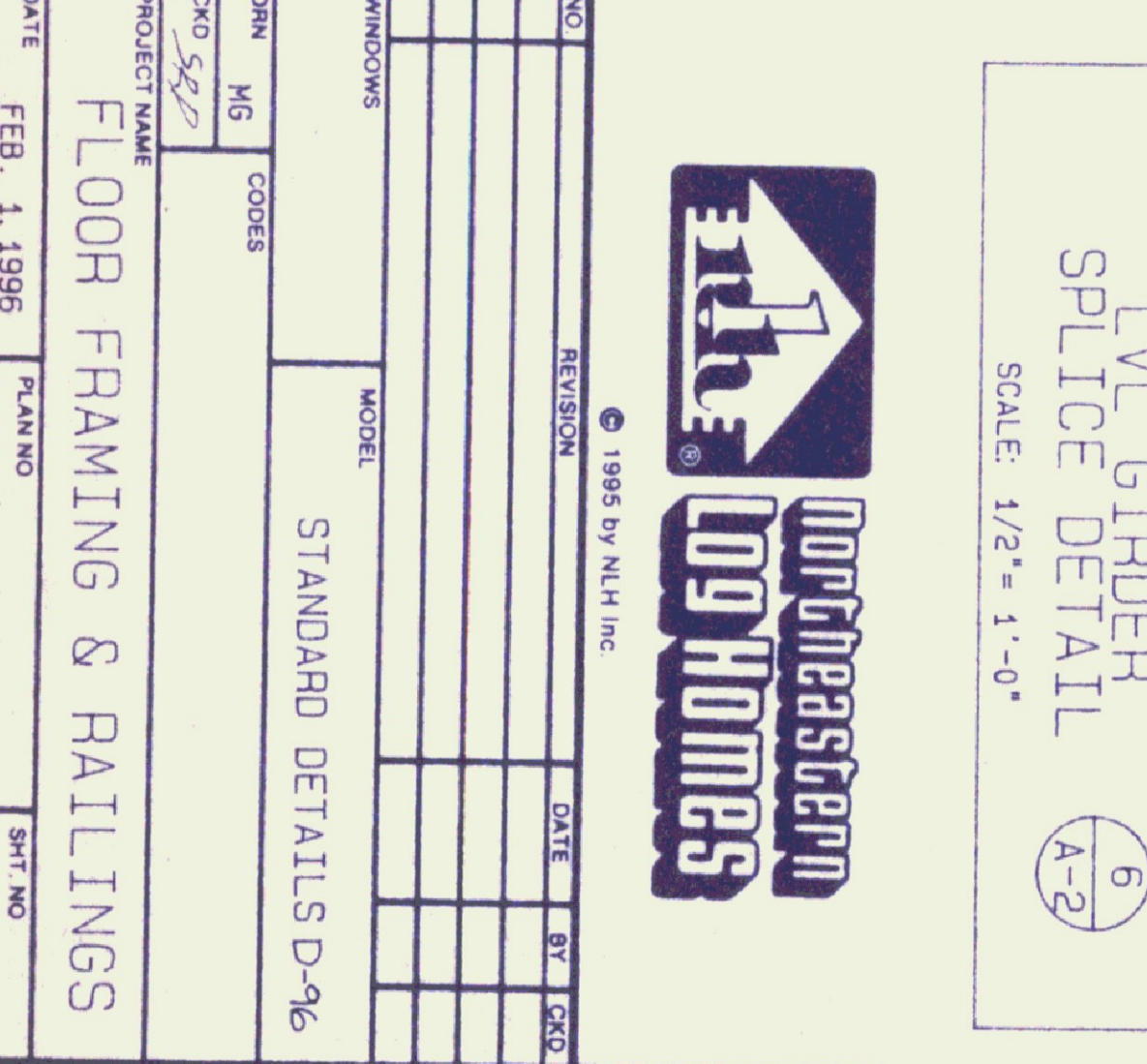
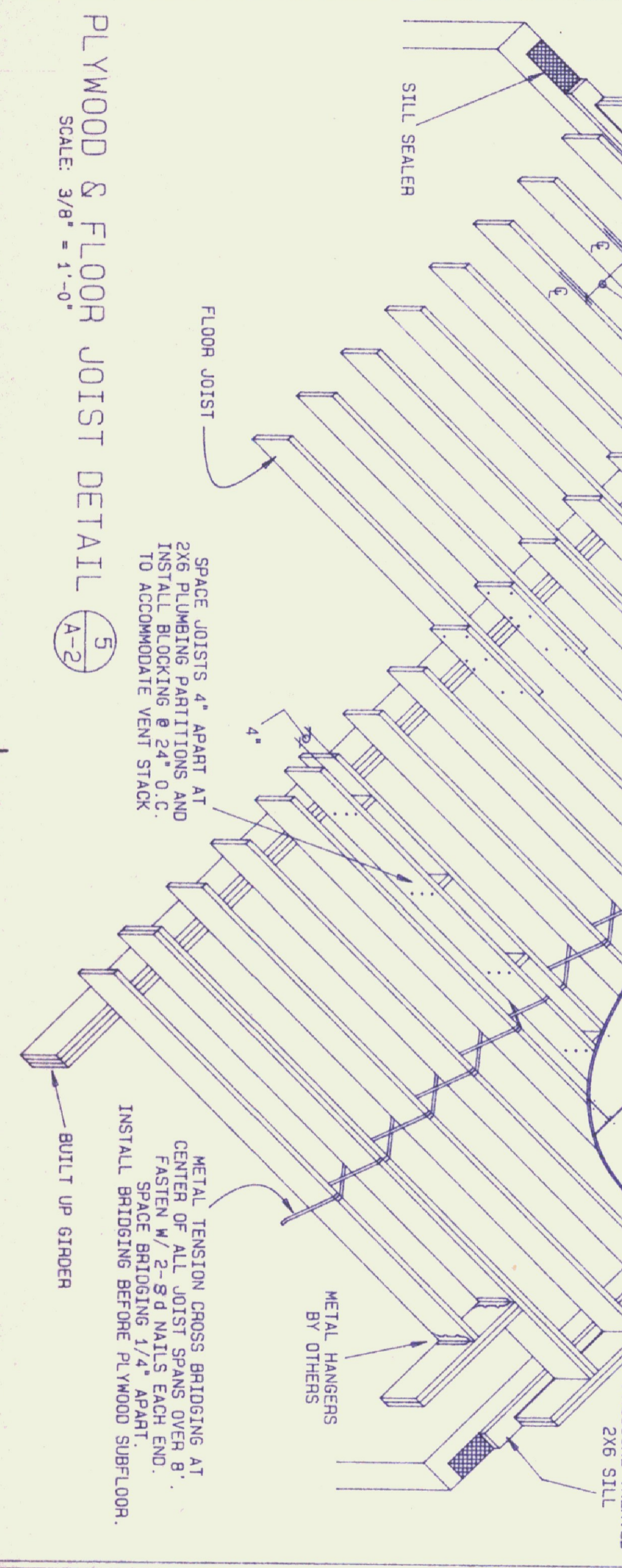
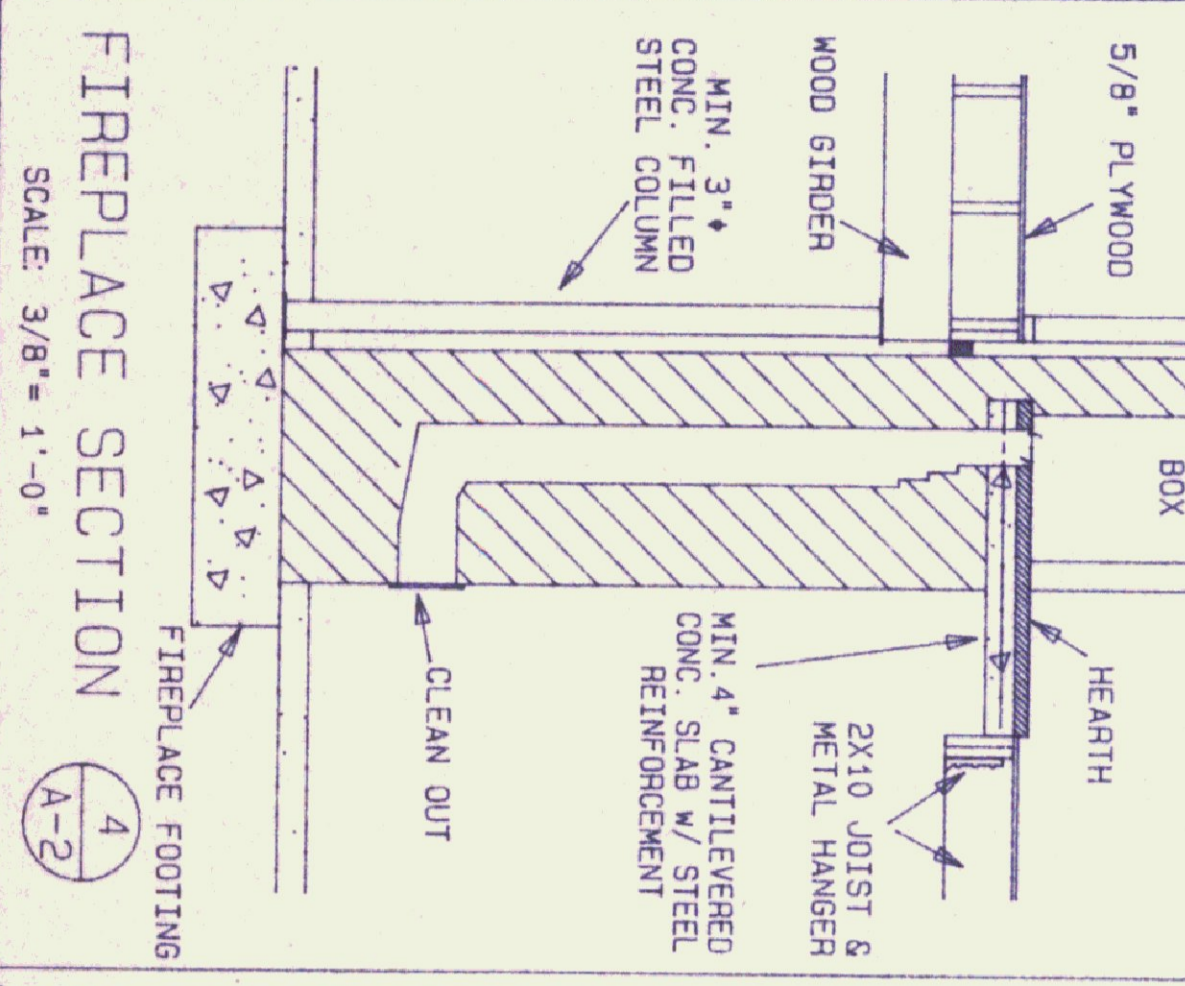
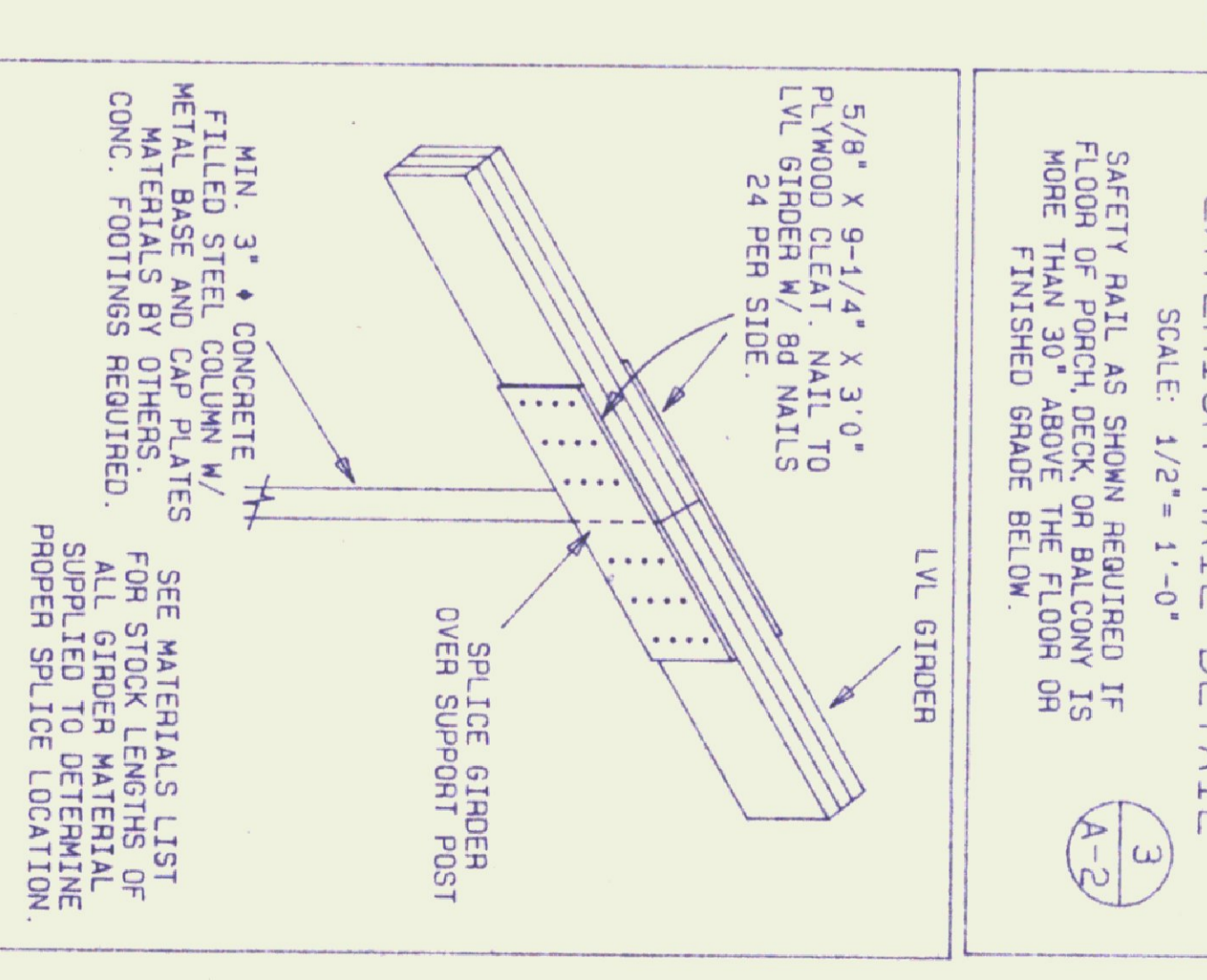
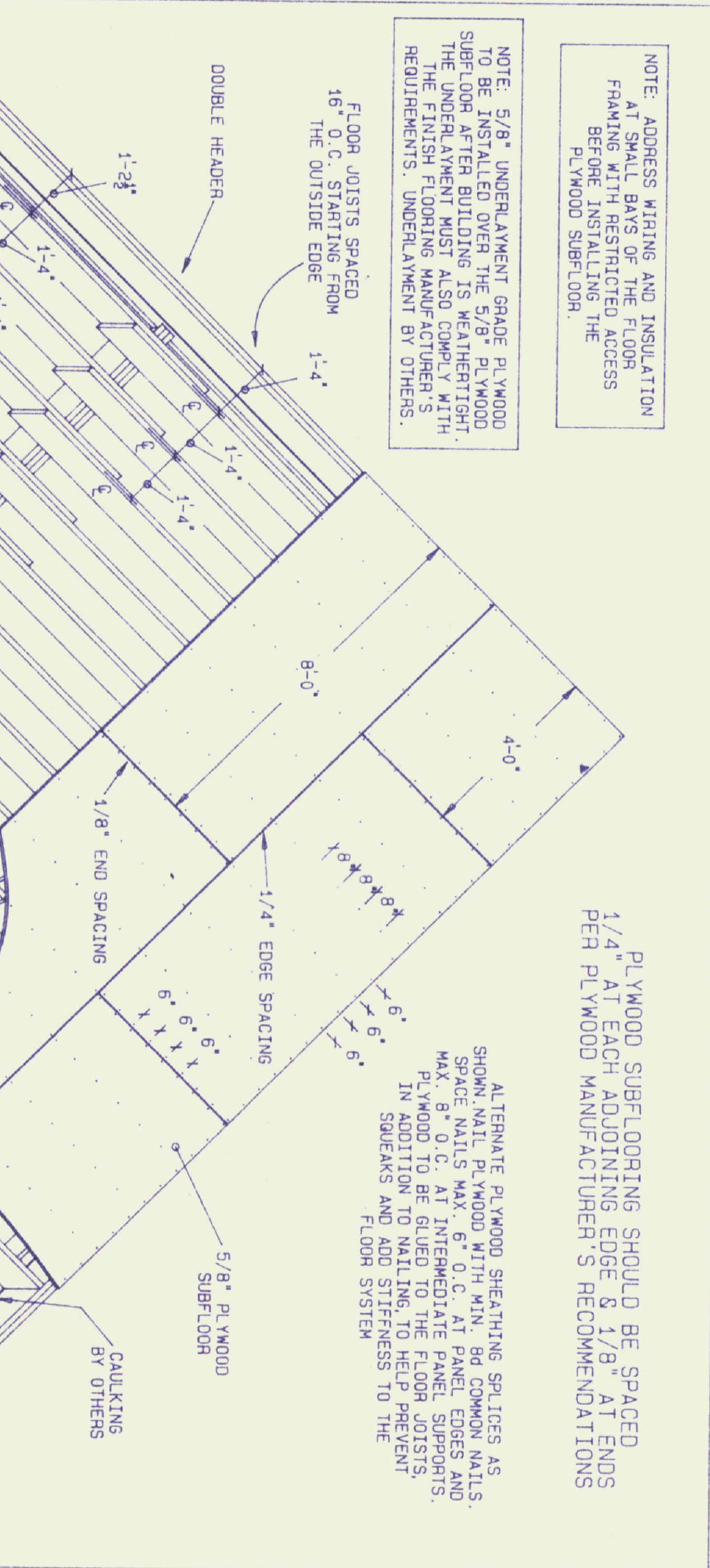
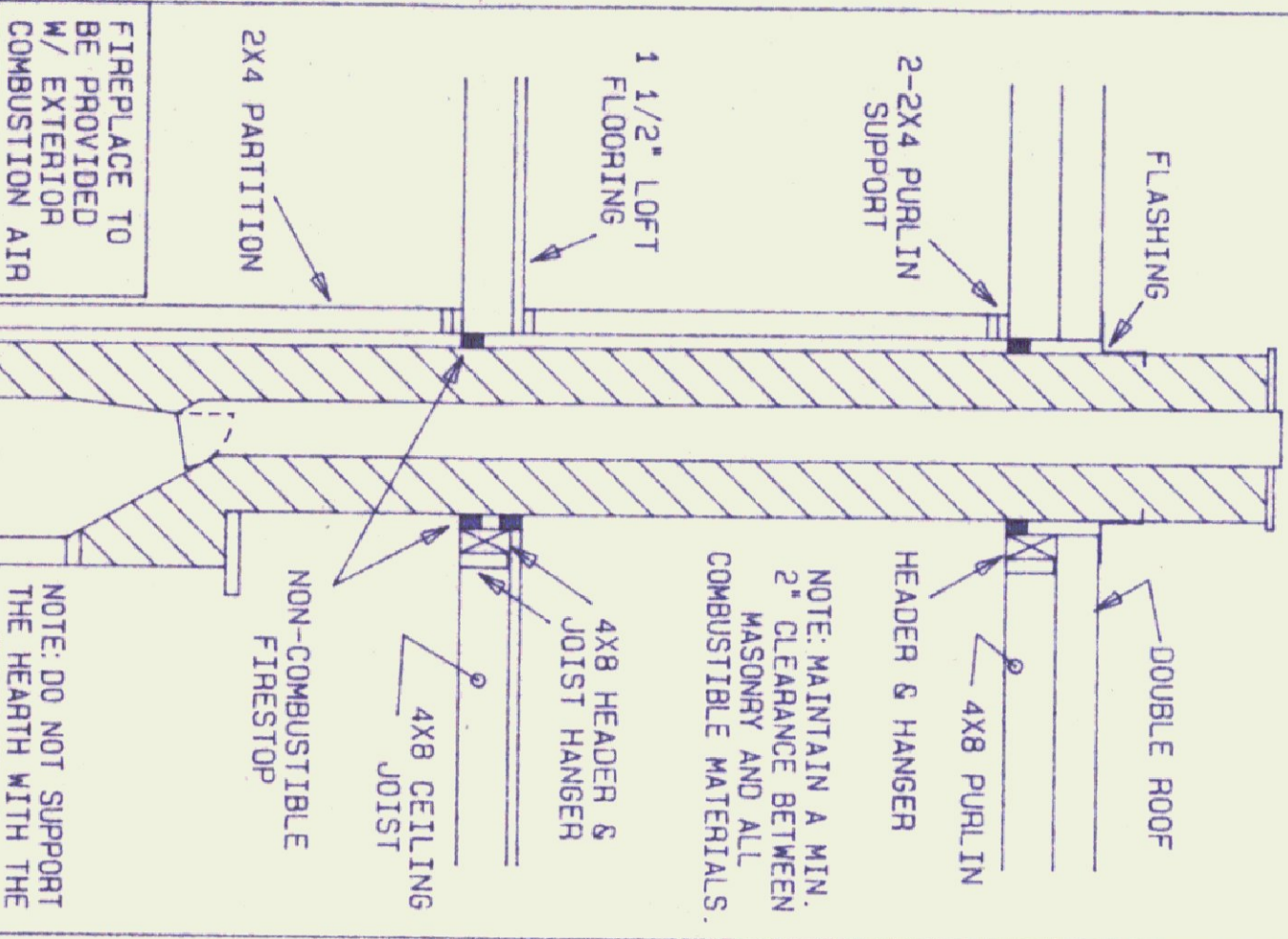
NO.	REVISION	DATE	BY	CHKD

DRN: MG
 KCD: SLP
 PROJECT NAME: FOUNDATION CONSTRUCTION
 DATE: JAN. 1, 1995
 SCALE: AS NOTED
 SHEET NO: A

CODE	TIME	BY



GENERAL NOTES
REFER TO "CONSTRUCTION GUIDE" FOR ADDITIONAL INFORMATION ON FLOOR SYSTEM CONSTRUCTION.
DETAILS ON THIS SHEET ARE GENERAL AND MAY NOT APPLY TO ALL BUILDINGS.



GENERAL NOTES
REFER TO "CONSTRUCTION GUIDE" FOR ADDITIONAL INFORMATION ON FLOOR SYSTEM CONSTRUCTION.
DETAILS ON THIS SHEET ARE GENERAL AND MAY NOT APPLY TO ALL BUILDINGS.

NO.	REVISION	DATE	BY	CHKD.

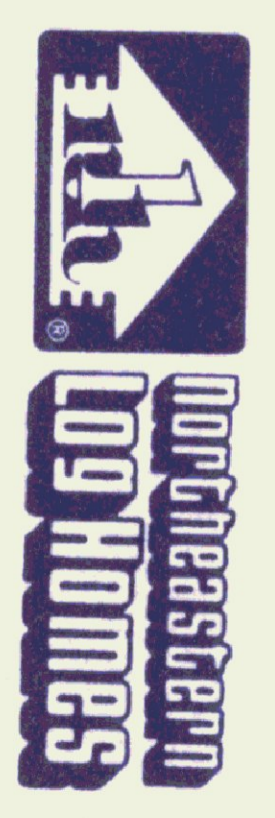
NO. 1995 by NLIH Inc.

DATE: FEB. 1, 1996
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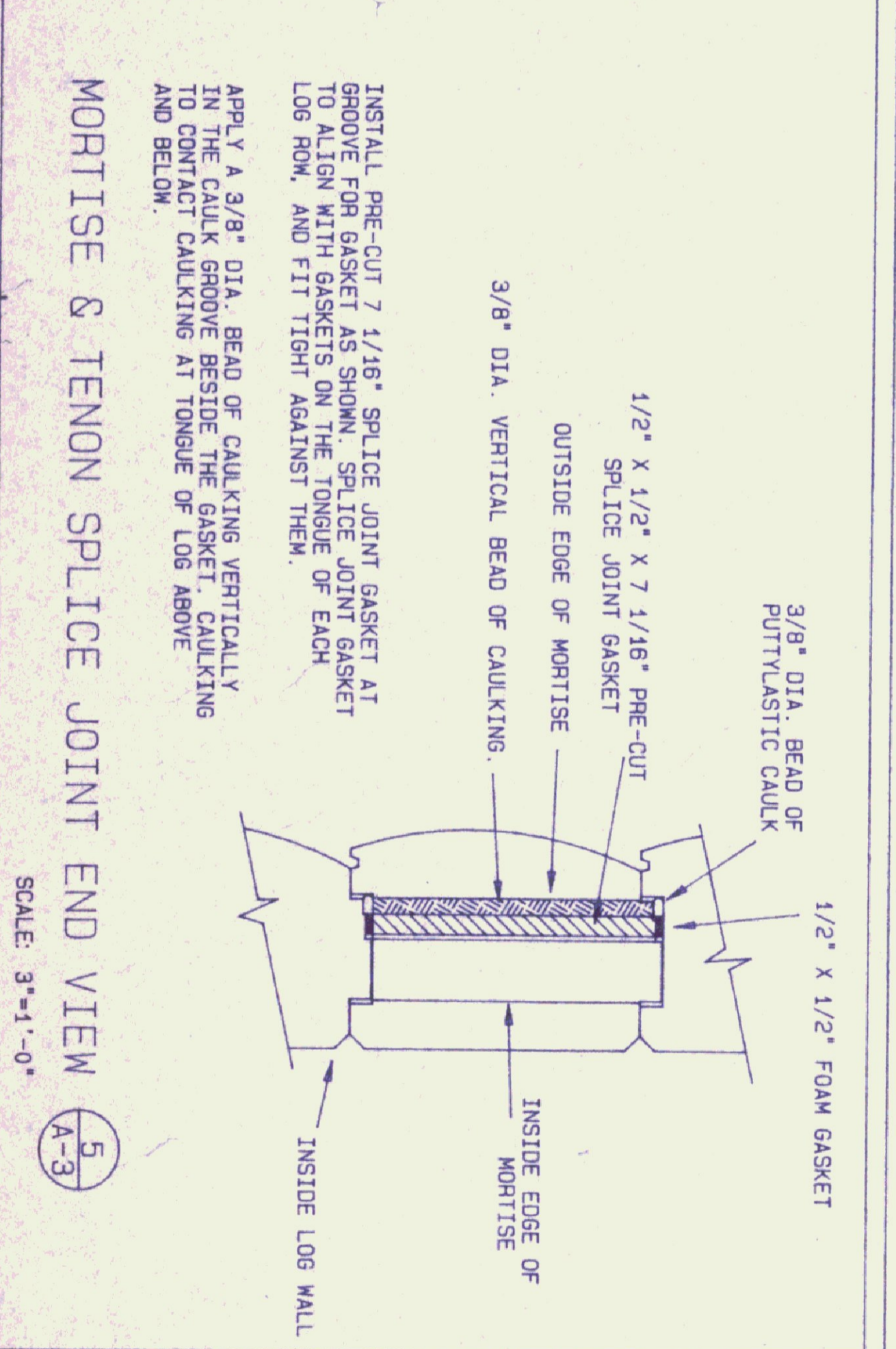
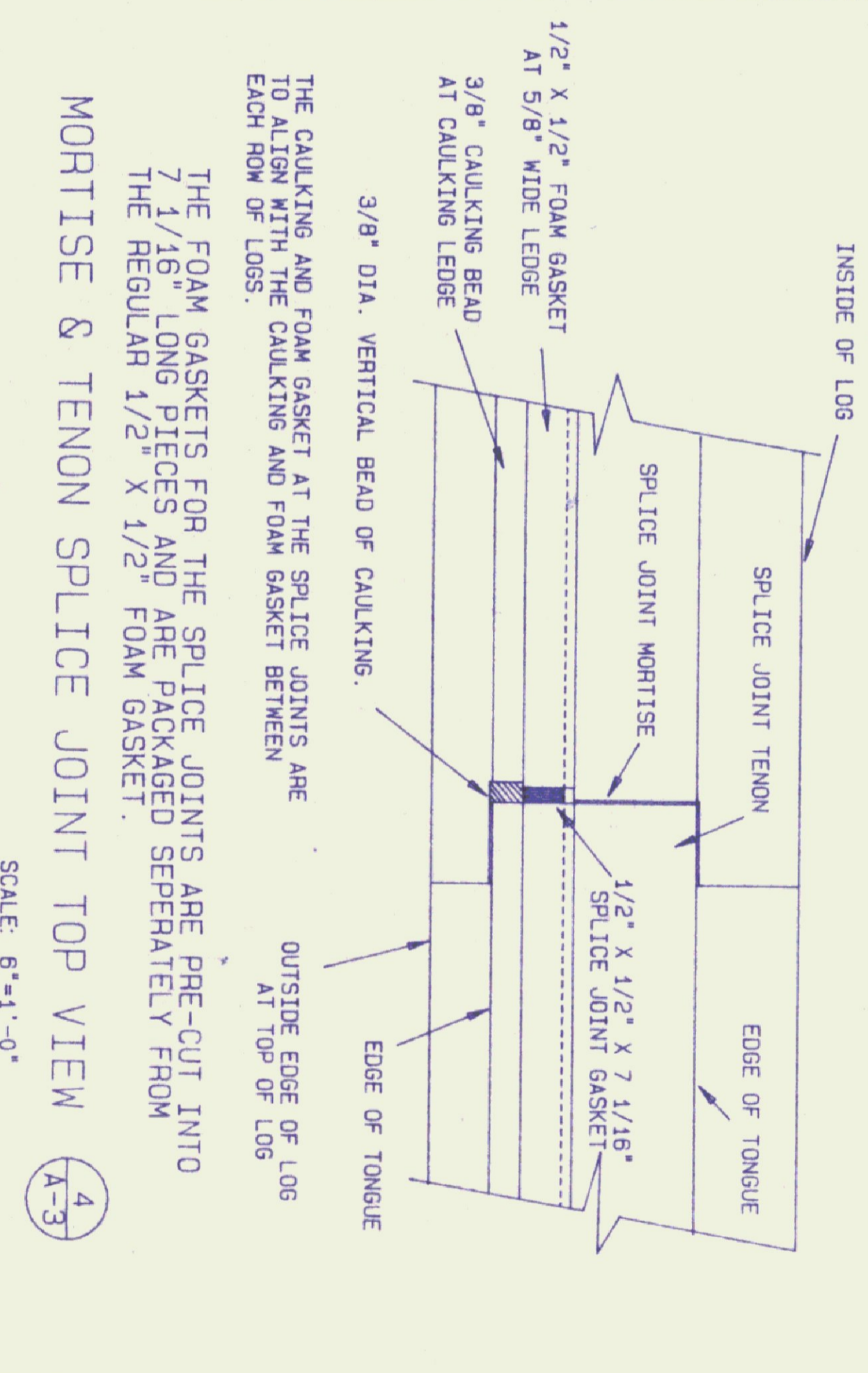
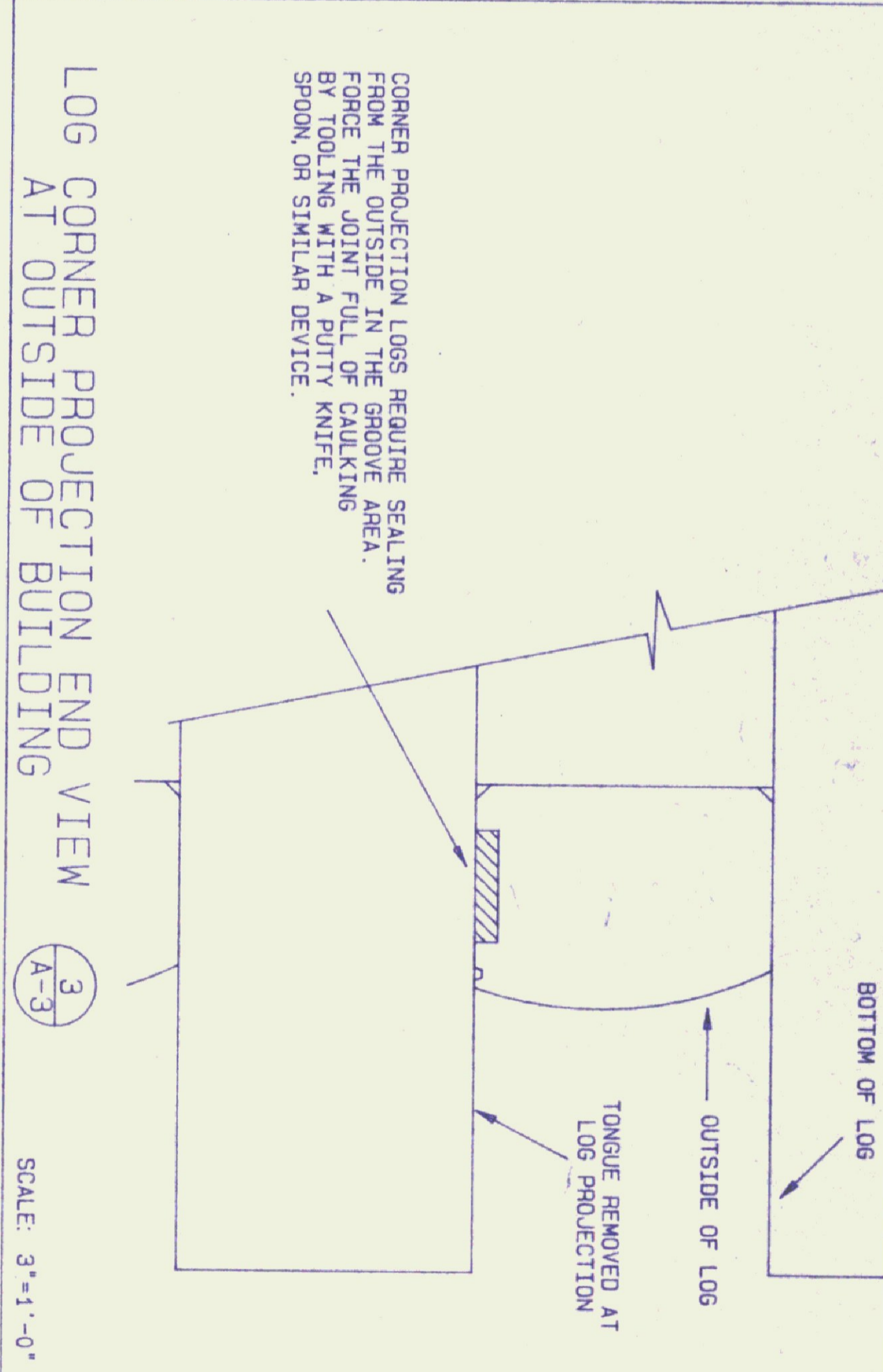
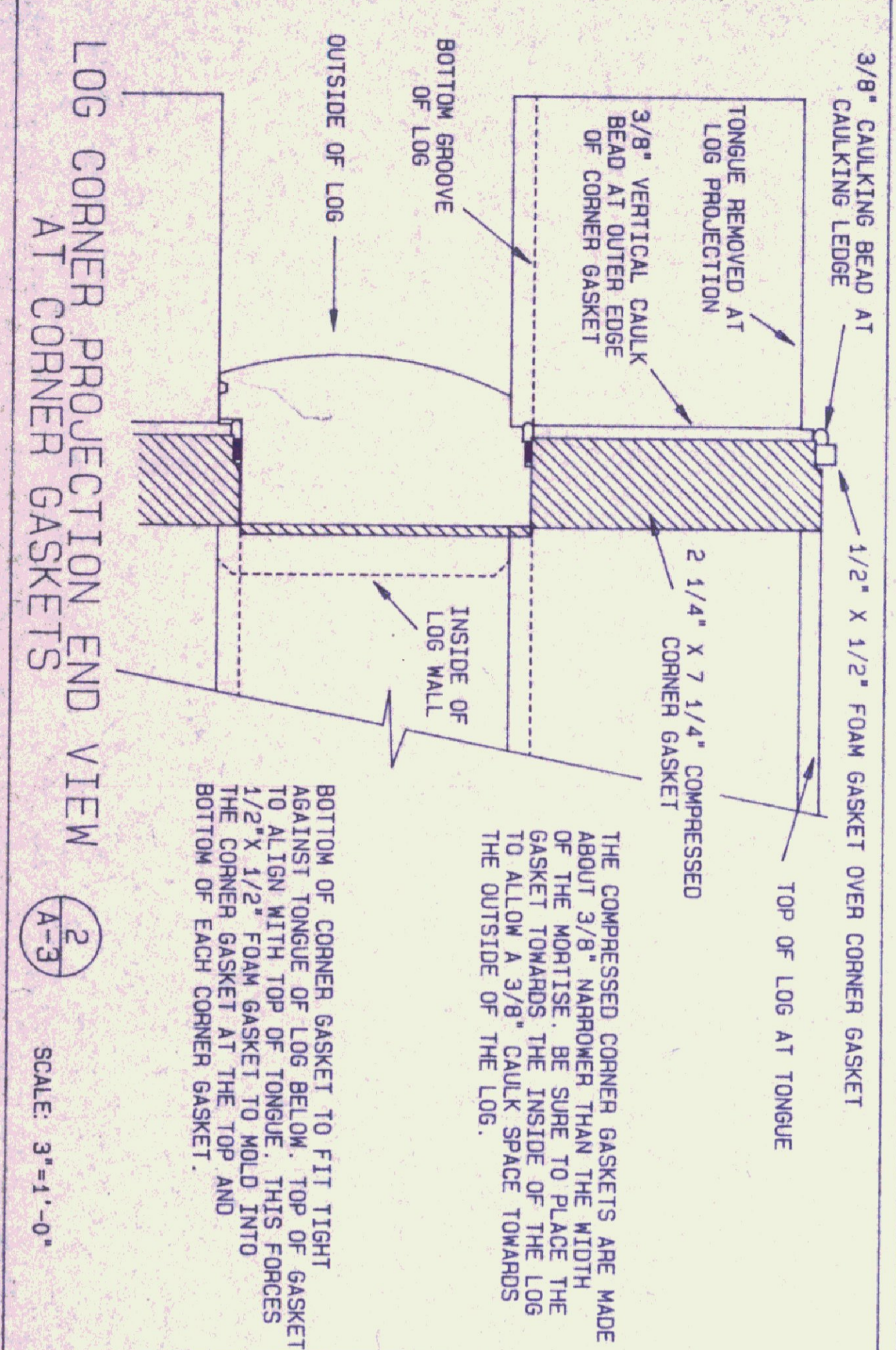
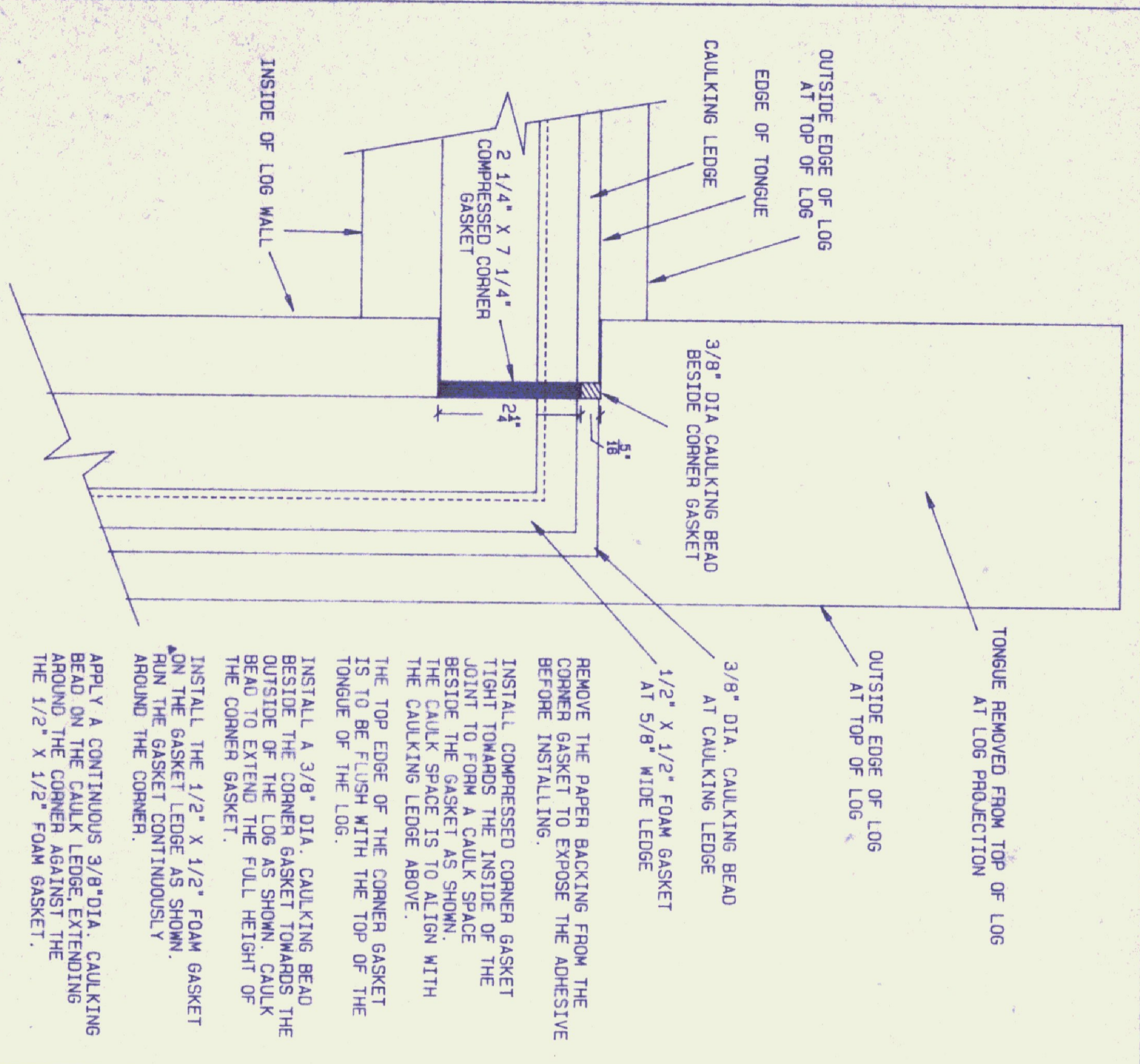
PROJECT NAME: FLOOR FRAMING & RAILINGS
MODEL: STANDARD DETAILS D-96

DATE: FEB. 1, 1996
SCALE: AS NOTED

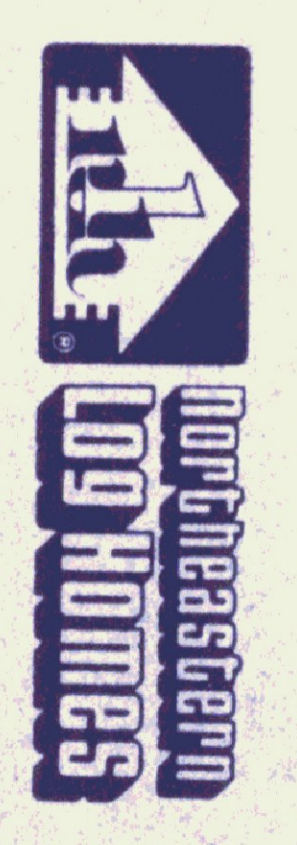
DATE: FEB. 1, 1996
SCALE: AS NOTED



SPILLER'S N028471



GENERAL NOTES:
ALL INSTALLATION INSTRUCTIONS FOR APPLYING FOAM GASKET AND CAULKING SEALS MUST BE FOLLOWED TO ENSURE PROPER PROTECTION FROM WATER AND AIR INFILTRATION.



NO.	REVISION	DATE	BY	CHKD

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MODEL: STANDARD DETAILS D-96

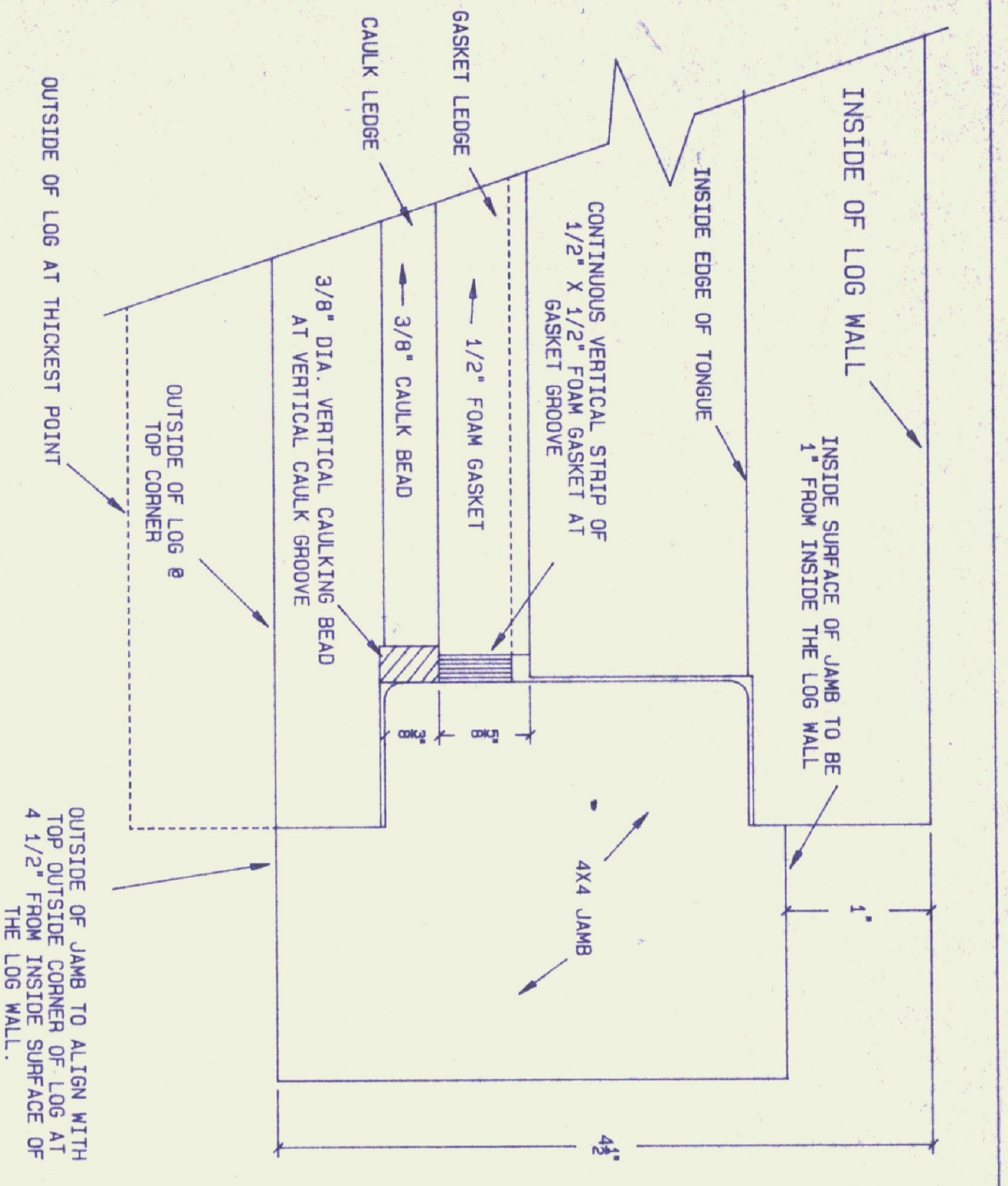
PROJECT NAME: GASKET & CAULKING INFO.

DATE: JAN. 1, 1995

SCALE: AS NOTED

PLANS: NE

SHT. NO: A-3



DO NOT SPIKE 4X4 JAMBS IN PLACE UNTIL CORRECT LOG ROUGH OPENING HEIGHT HAS BEEN CUT. JAMBS HAVE BEEN CUT TO CORRECT HEIGHT, AND LOG ENDS WEATHERSTRIPPED WITH GASKET AND CAULK.

BE CAREFUL NOT TO INSTALL 4X4 JAMBS UPSIDE DOWN. PROPER INSTALLATION WILL ALIGN THE JAMB AT THE DIMENSIONS SHOWN ABOVE.

APPLY CAULKING AND 1/2" FOAM GASKET THE FULL LENGTH OF THE LOGS AT THE SIDES OF THE DOOR / WINDOW OPENINGS AS SHOWN BEFORE INSTALLING 4X4 JAMBS.

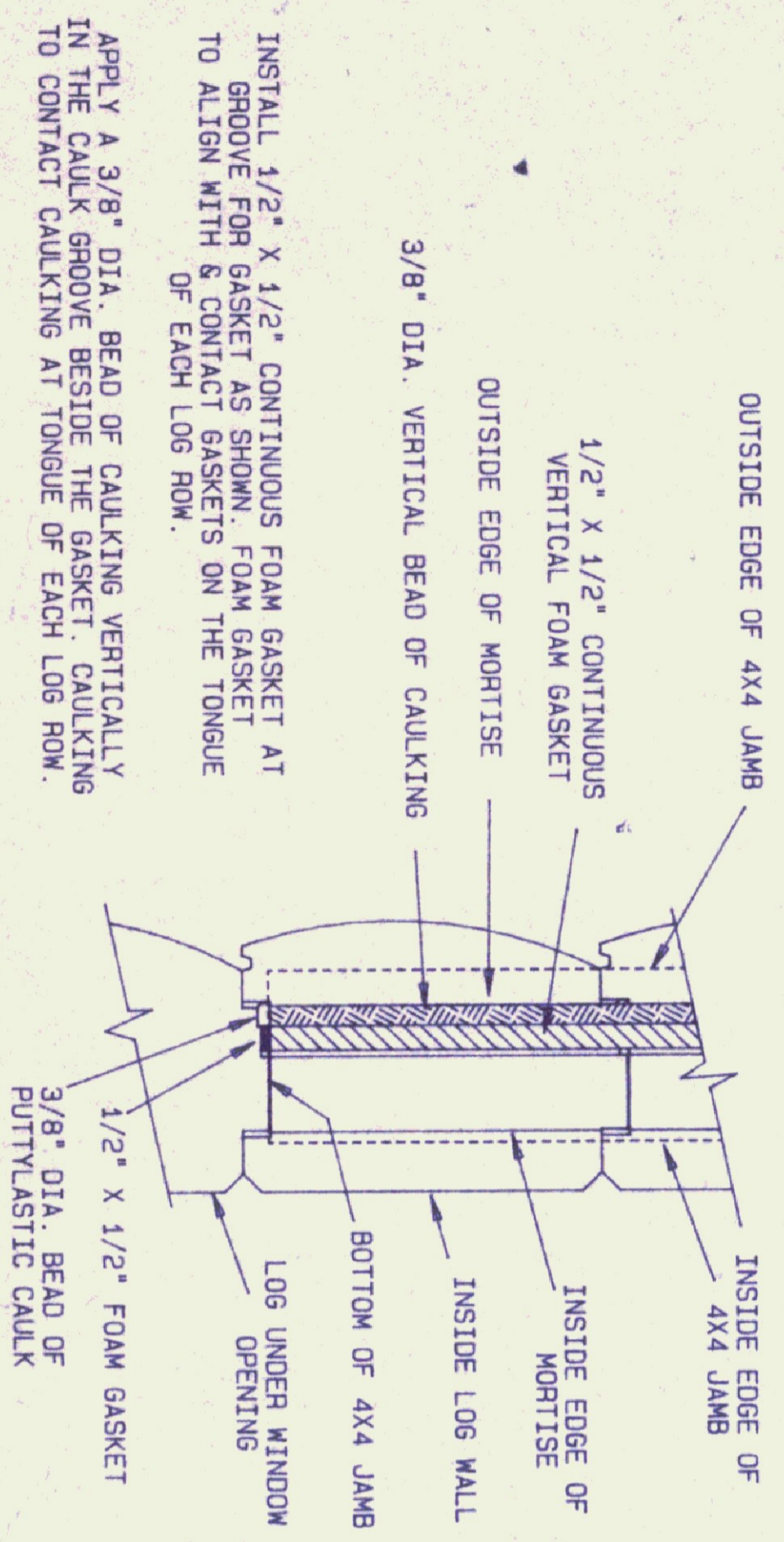
TO ASSIST ALIGNMENT OF EACH LOG ROW AT DOOR AND WINDOW OPENINGS, INSTALL A SHORT 4X4 JAMB (3 OR 4 FEET LONG) IN THE END OF THE LOG FOR ALIGNMENT PURPOSES BEFORE SPIKING LOG IN PLACE.

CAULKING AND FOAM GASKET ON TONGUE OF LOG TO ALIGN WITH AND CONTACT. CAULKING AND FOAM GASKET BEHIND 4X4 JAMBS.

WINDOW / DOOR JAMB TOP VIEW



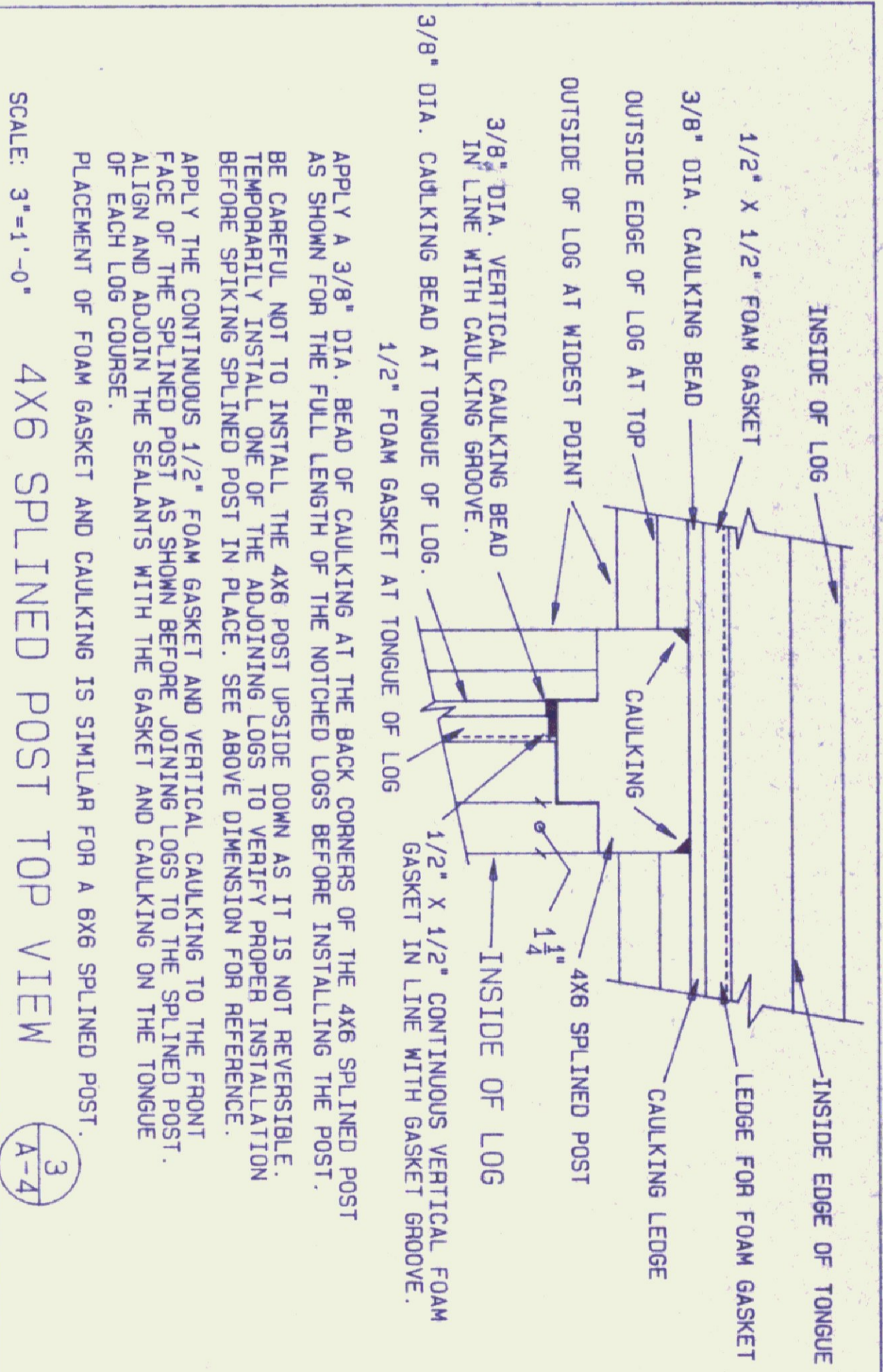
SCALE: FULL



WINDOW / DOOR JAMB END VIEW



SCALE: 3"-1'-0"



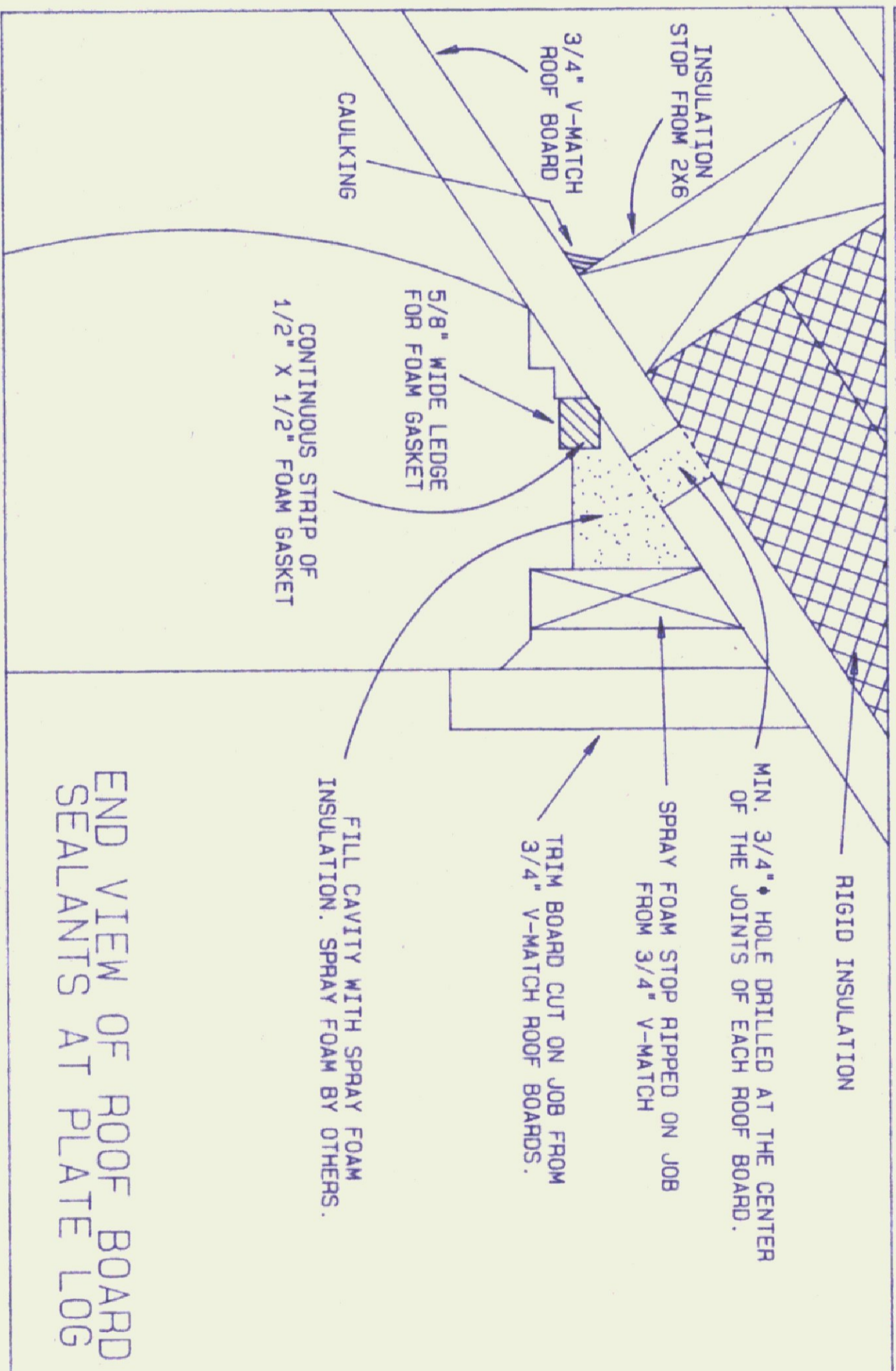
4X6 SPLINED POST TOP VIEW



SCALE: 3"-1'-0"

APPLY A 3/8" DIA. BEAD OF CAULKING AT THE BACK CORNERS OF THE 4X6 SPLINED POST AS SHOWN FOR THE FULL LENGTH OF THE NOTCHED LOGS BEFORE INSTALLING THE POST. BE CAREFUL NOT TO INSTALL THE 4X6 POST UPSIDE DOWN AS IT IS NOT REVERSIBLE. TEMPORARILY INSTALL ONE OF THE ADJOINING LOGS TO VERIFY PROPER INSTALLATION BEFORE SPIKING SPLINED POST IN PLACE. SEE ABOVE DIMENSION FOR REFERENCE.

APPLY THE CONTINUOUS 1/2" FOAM GASKET AND VERTICAL CAULKING TO THE FRONT FACE OF THE SPLINED POST AS SHOWN BEFORE JOINING LOGS TO THE SPLINED POST. ALIGN AND ADJOIN THE SEALANTS WITH THE GASKET AND CAULKING ON THE TONGUE PLACEMENT OF FOAM GASKET AND CAULKING IS SIMILAR FOR A 6X6 SPLINED POST.

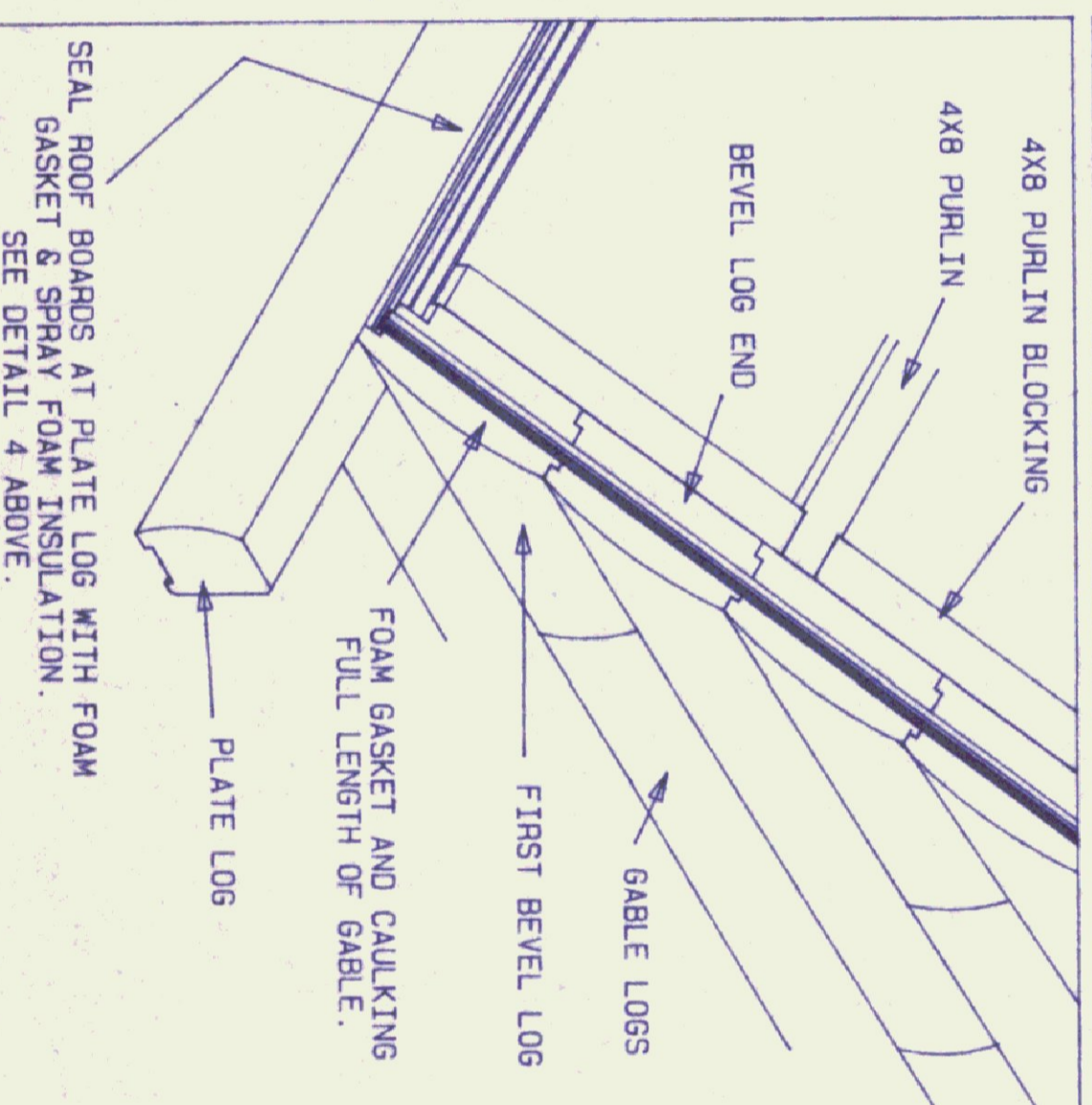


END VIEW OF ROOF BOARD SEALANTS AT PLATE LOG



SCALE: 6"-1'-0"

1. INSTALL 1/2" X 1/2" CONTINUOUS FOAM STRIP ON THE GASKET LEDEGE OF LOG AS SHOWN.
2. CUT SPRAY FOAM STOP FROM 3/4" V-MATCH AND INSTALL AS SHOWN.
3. INSTALL ROOF BOARDS, FASTENING TOP PART OF SPRAY FOAM STOP TO ROOF BOARDS AS YOU GO.
4. INSTALL INSULATION STOP. REFER TO DETAIL 2 ON SHEET C-2
5. DRILL A 3/4" HOLE AS SHOWN IN EACH ROOF BOARD AT THE SEAMS, REMOVING THE TONGUE AND GROOVE PORTION OF EACH BOARD.
6. FILL CAVITY BELOW WITH SPRAY FOAM INSULATION THROUGH HOLES.
7. ALLOW SPRAY FOAM TO CURE. THEN REMOVE EXCESS FOAM ABOVE HOLES IN ROOF BOARDS BEFORE INSTALLING RIGID INSULATION.

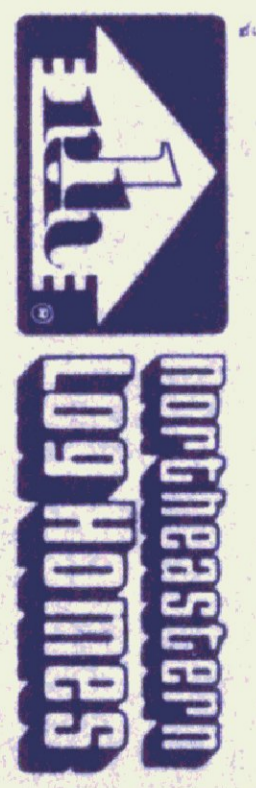


RAKE DETAIL



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

GENERAL NOTES:
ALL INSTALLATION INSTRUCTIONS FOR APPLYING FOAM GASKET AND CAULKING SEALS MUST BE FOLLOWED TO ENSURE PROPER PROTECTION FROM WATER AND AIR INFILTRATION.



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NO.	REVISION	DATE	BY	CHKD

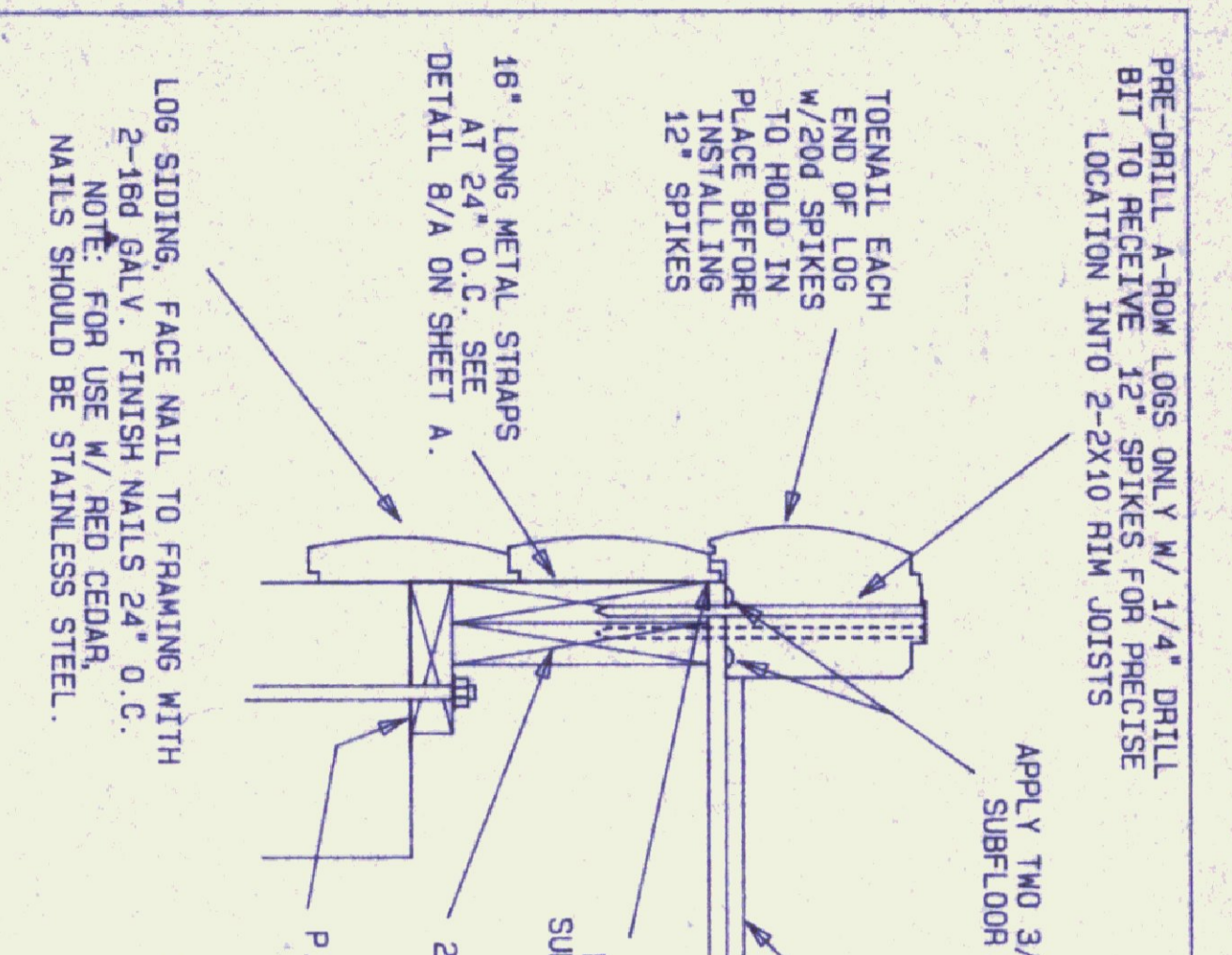
WINDOWS	MODEL
	STANDARD DETAILS D-96

DRN	MG	GOODS

PROJECT NAME
GASKET & CAULKING INFO.

DATE	PLANNING	SHT. NO.
JAN. 1, 1995	NE	A-4

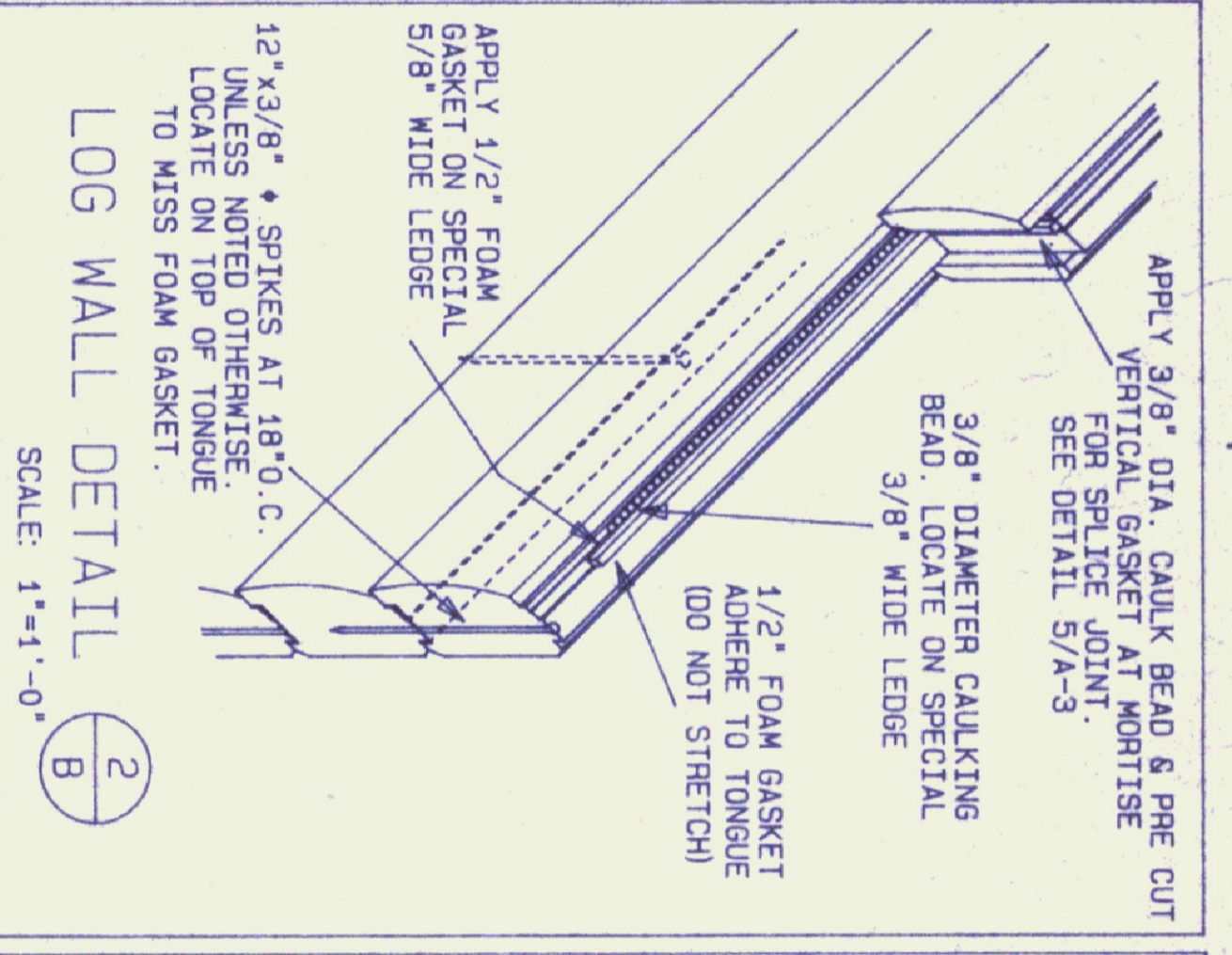
SCALE AS NOTED



PRE-DRILL A-ROW LOGS ONLY W/ 1/4\"/>

APPLY TWO 3/8\"/>

SCALE: 1 1/2\"/>



APPLY 3/8\"/>

SCALE: 1\"/>

GENERAL NOTES:

SEE "CONSTRUCTION GUIDE" FOR ADDITIONAL INFORMATION ON LOG WALL CONSTRUCTION AND TIPS ON WIRING.

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

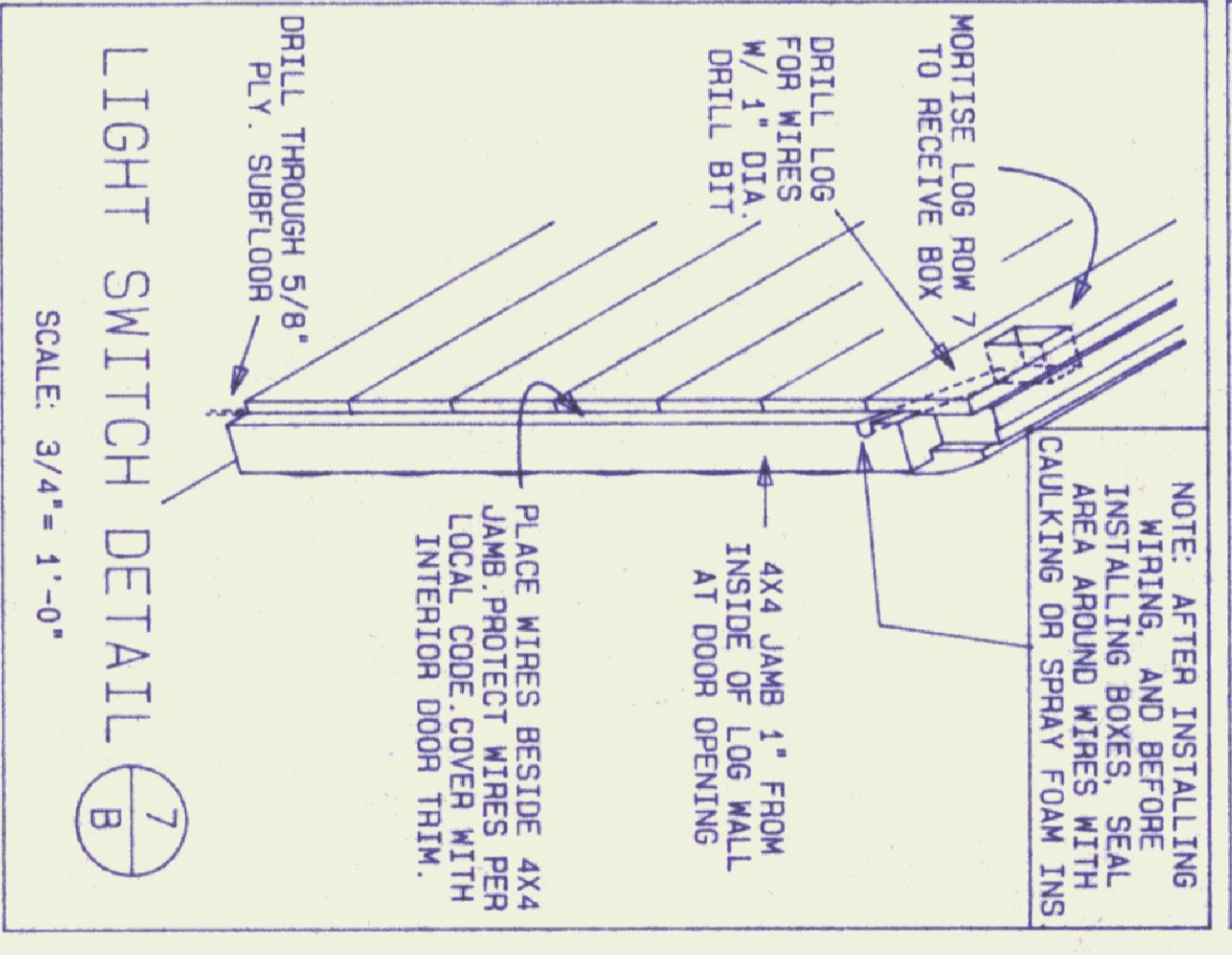
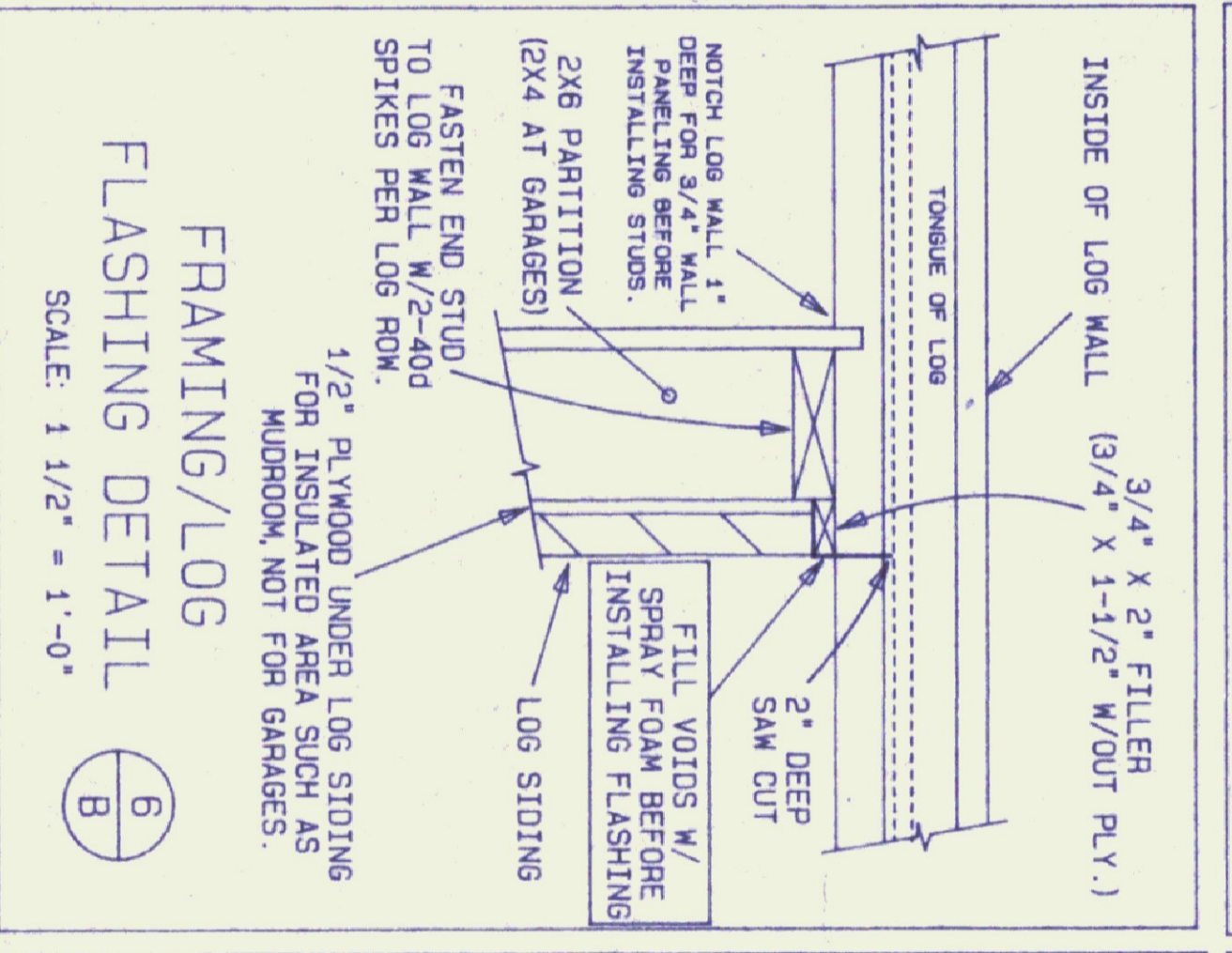
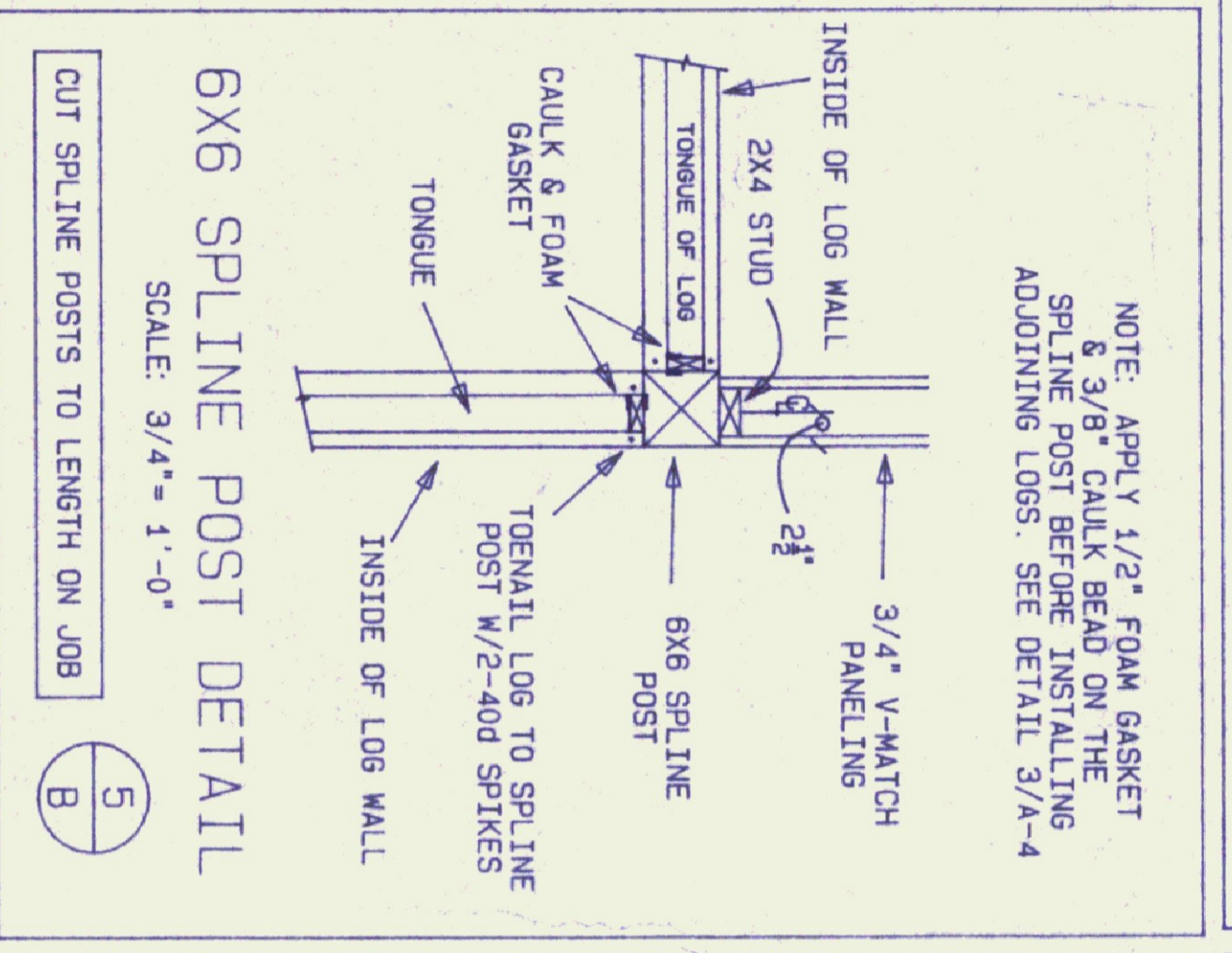
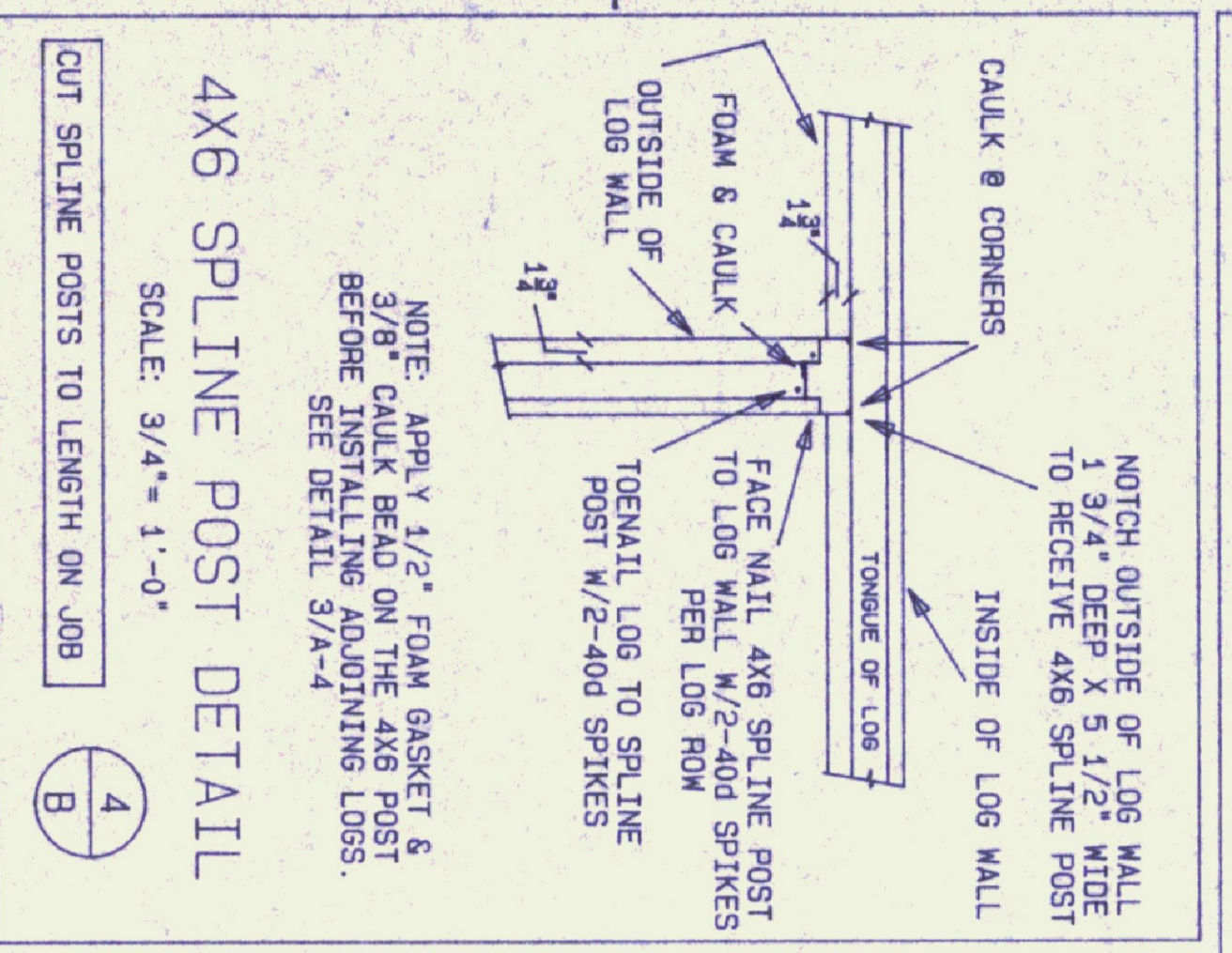
EXPLANATION OF ROOF PITCHES

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 7-1/4\"/>

WITH N.L.H. PRE-CUT LOG GABLES, ROOF PITCHES REFLECT A CONSTANT RISE OF 7-1/4\"/>

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.



NOTE: APPLY 1/2\"/>

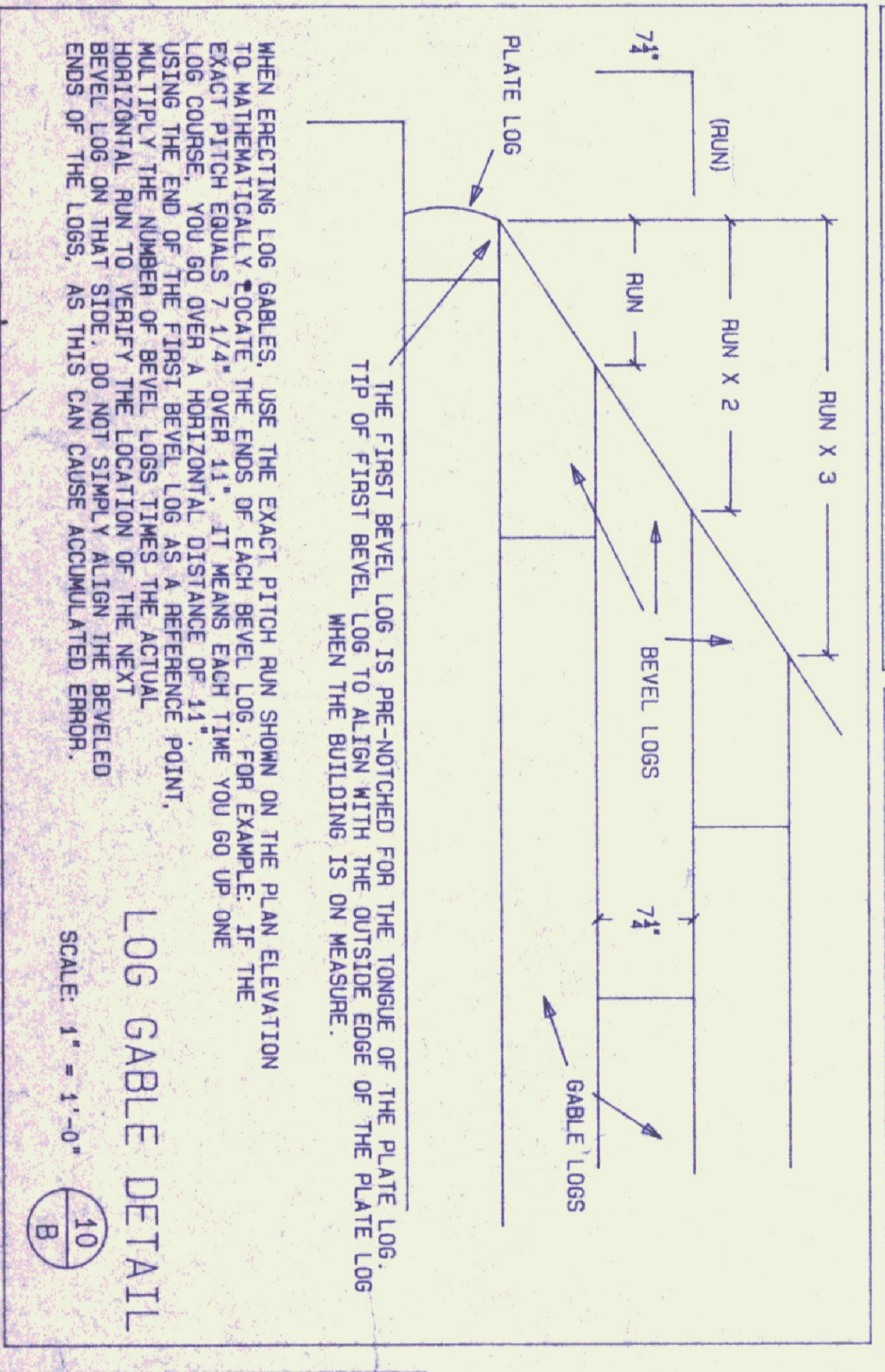
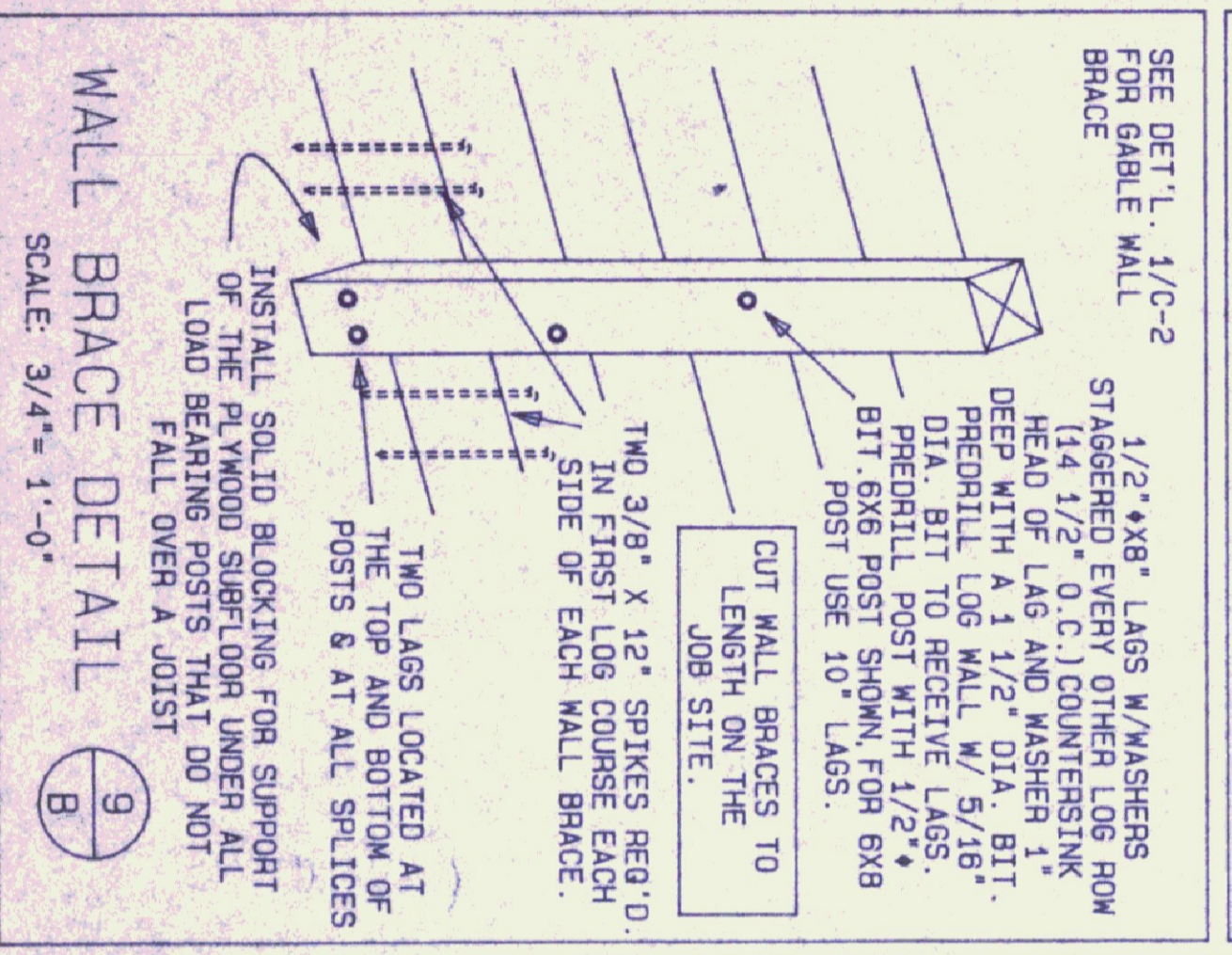
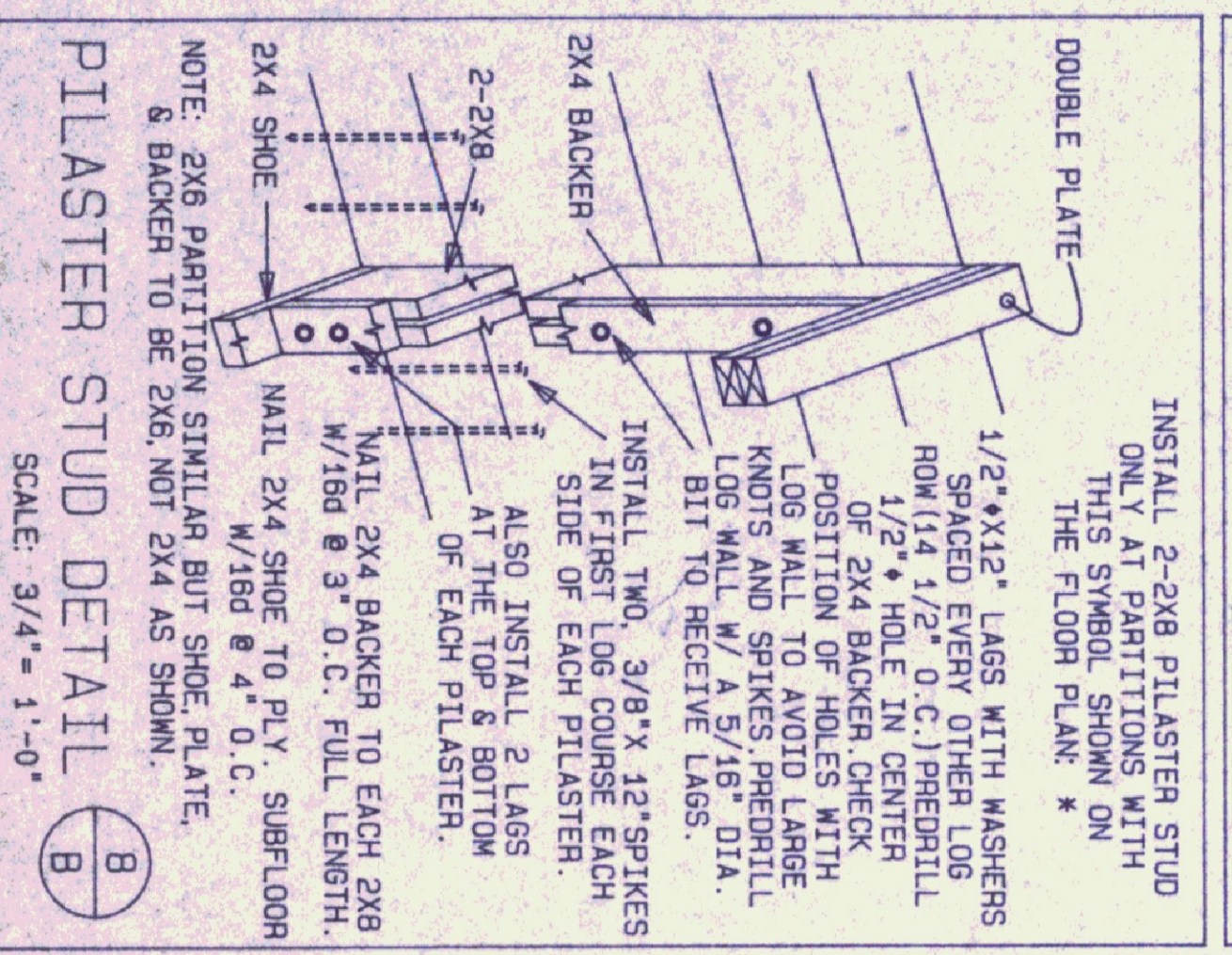
NOTE: APPLY 1/2\"/>

SCALE: 3/4\"/>

SCALE: 3/4\"/>

SCALE: 1 1/2\"/>

SCALE: 3/4\"/>



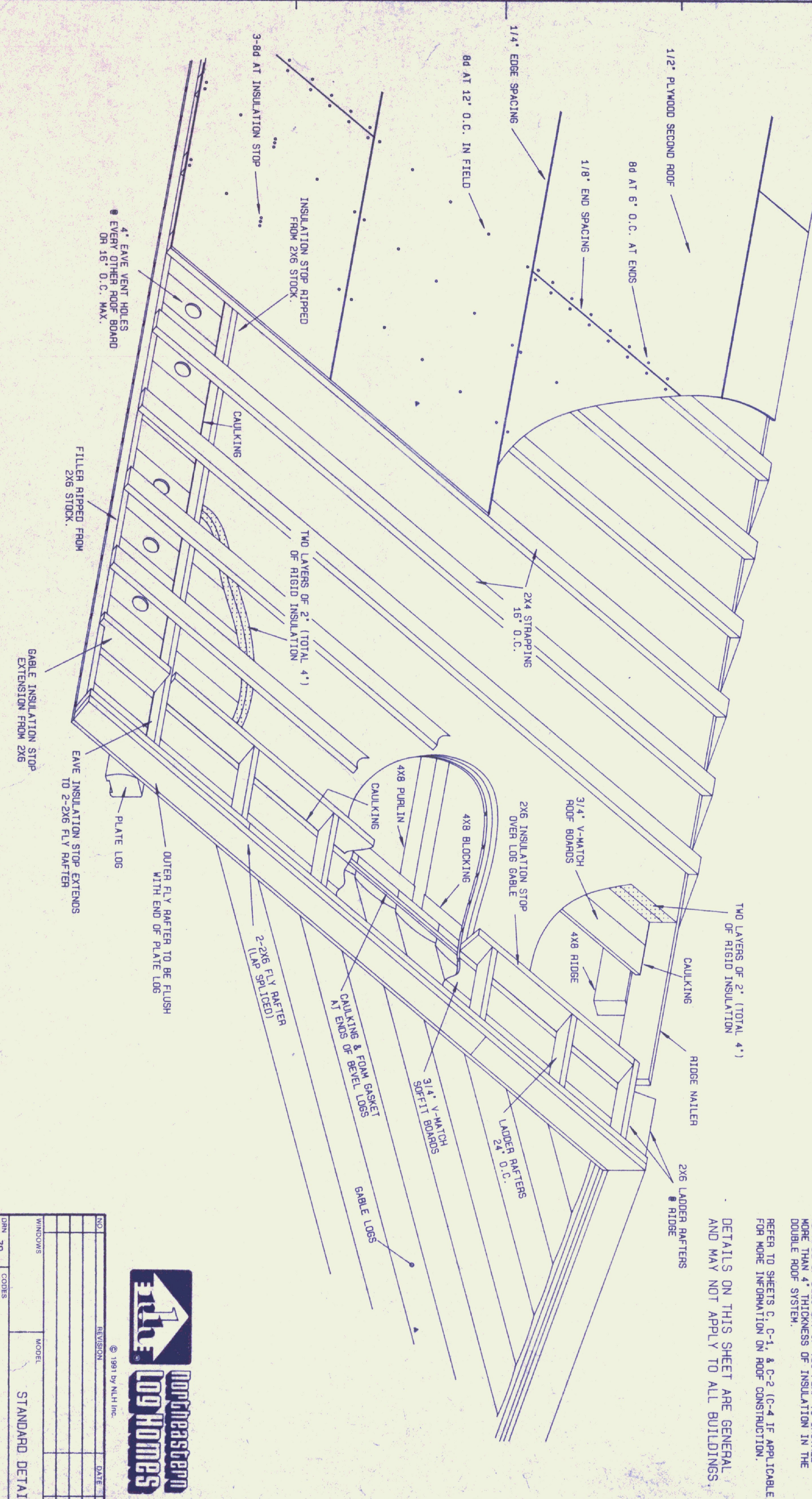
INSTALL 2-2X8 PILASTER STUD ONLY AT PARTITIONS WITH THIS SYMBOL SHOWN ON THE FLOOR PLAN. *

SCALE: 3/4\"/>

SCALE: 3/4\"/>

SCALE: 1\"/>

SCALE: 1\"/>



TYPICAL DOUBLE ROOF DETAIL 1
C-3

GENERAL NOTES:

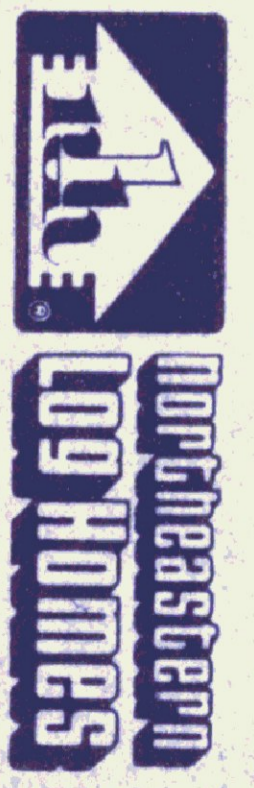
RIGID INSULATION IS TO BE 2 OR MORE LAYERS OF "THERMAX" SHEATHING MANUFACTURED BY THE DELTIX CORP. OR OTHER MATERIAL OF EQUIVALENT FIRE RATING AND R-VALUE PER INCH. INSULATION PROVIDED BY OTHERS.

TOTAL THICKNESS TO BE 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 VAPOR BARRIER UNDER FIRST LAYER OF INSULATION.

INSULATION STOPS, RIDGE NAILERS, ROOF FILLERS, AND FLY RAFTERS ARE SIZED BASED ON THE USE OF 4" OF RIGID INSULATION IN THE DOUBLE ROOF. SIZES SHOWN ON THIS 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 4" THICKNESS OF INSULATION IN THE DOUBLE ROOF SYSTEM.

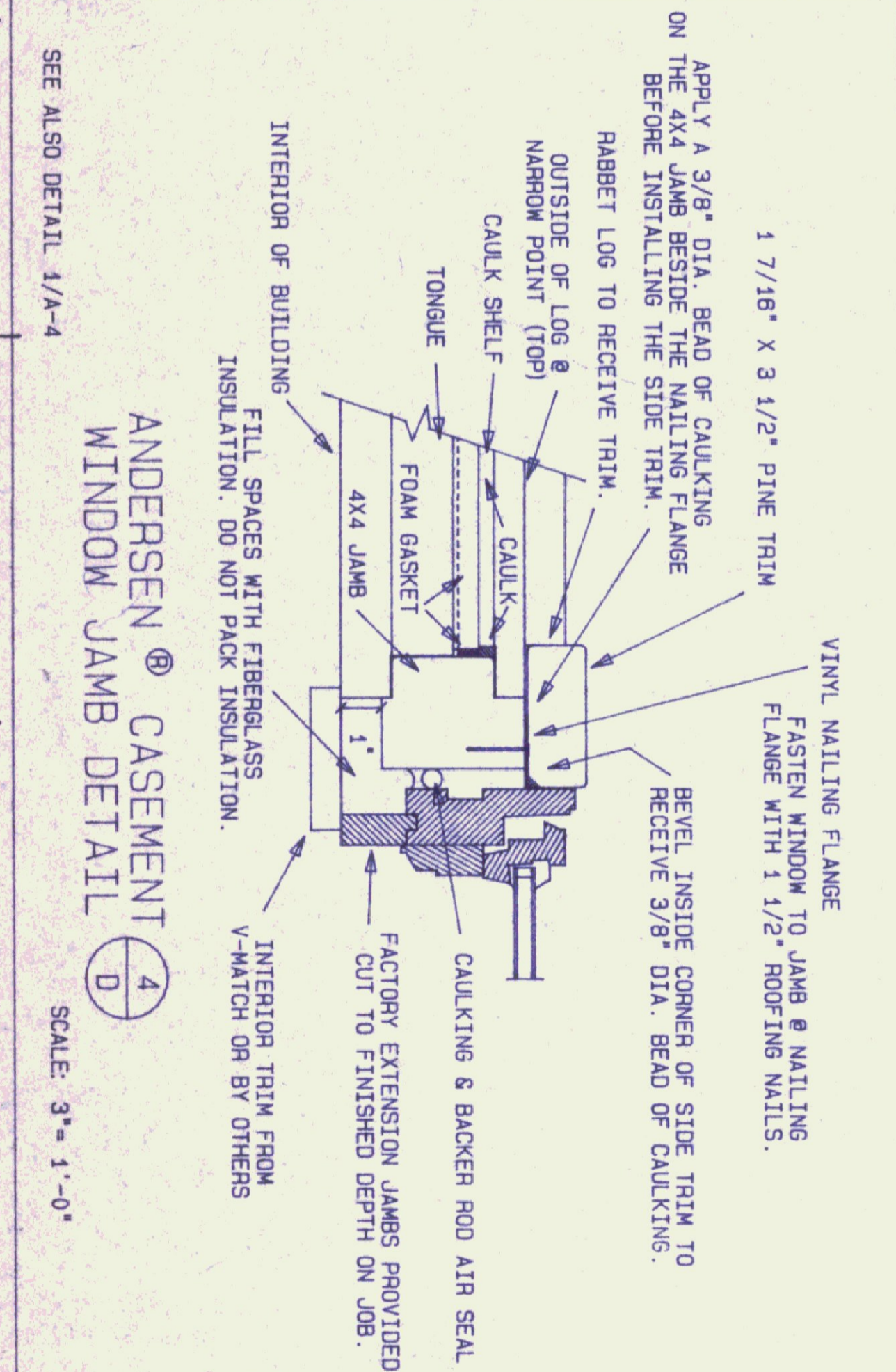
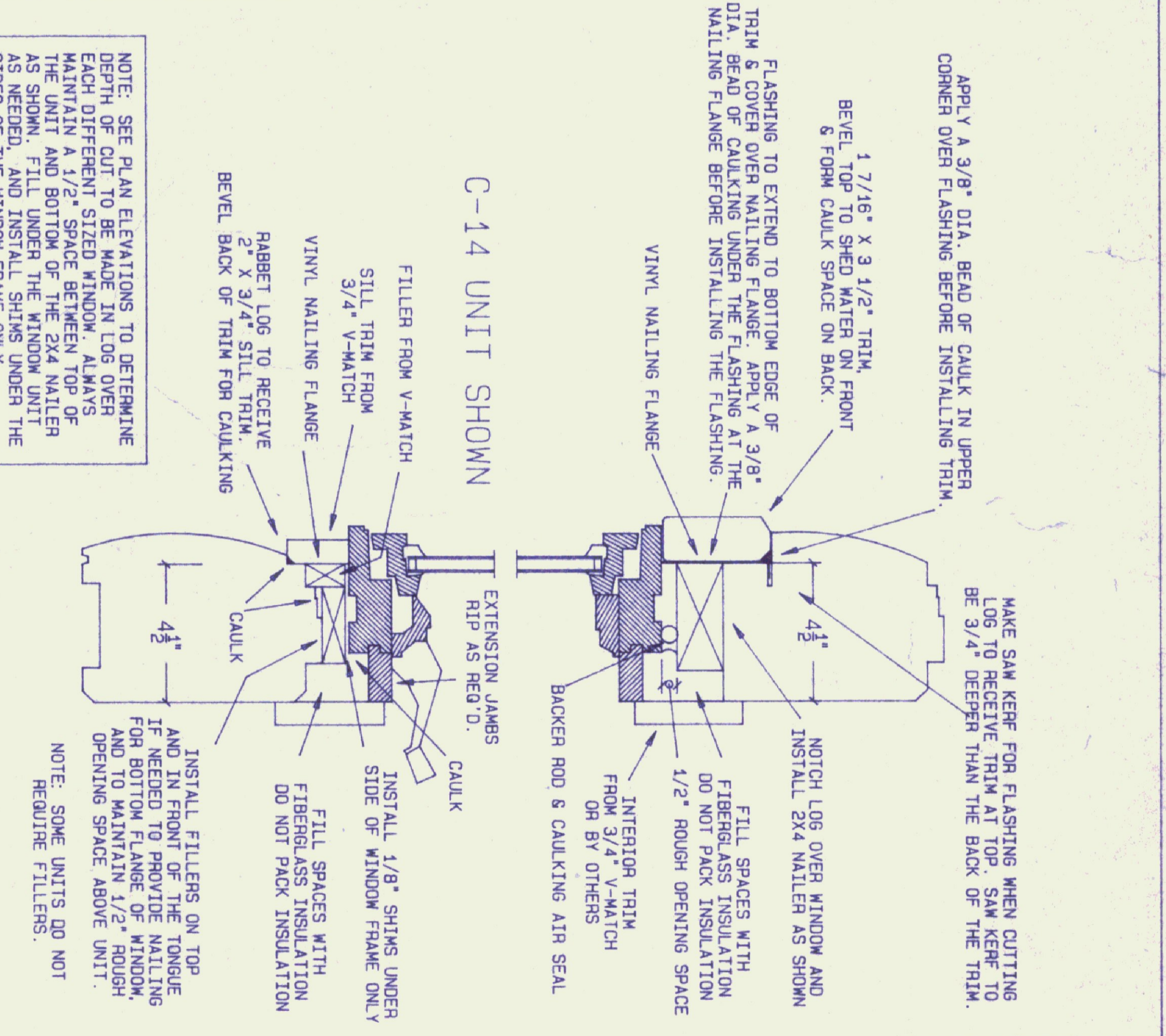
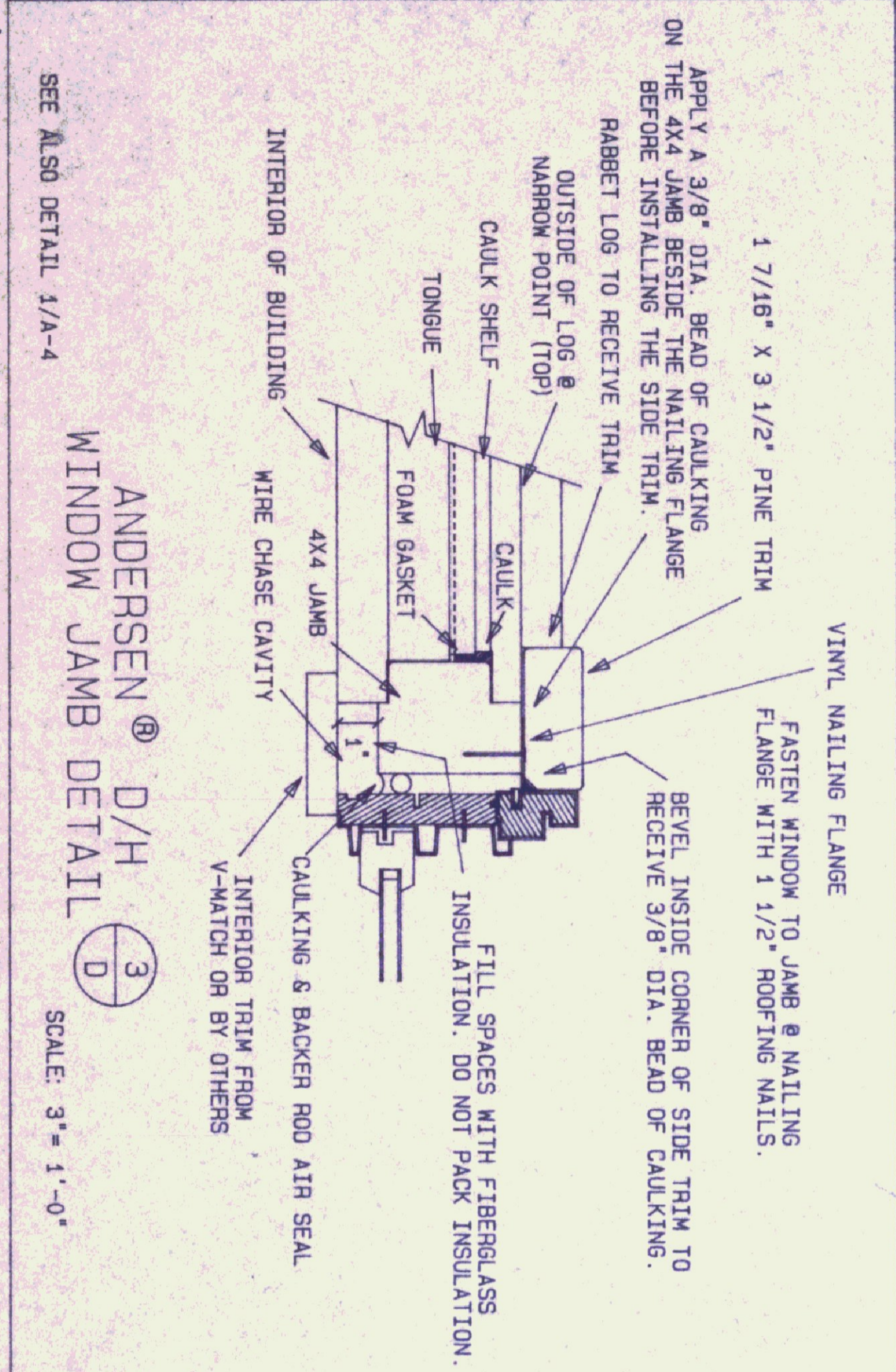
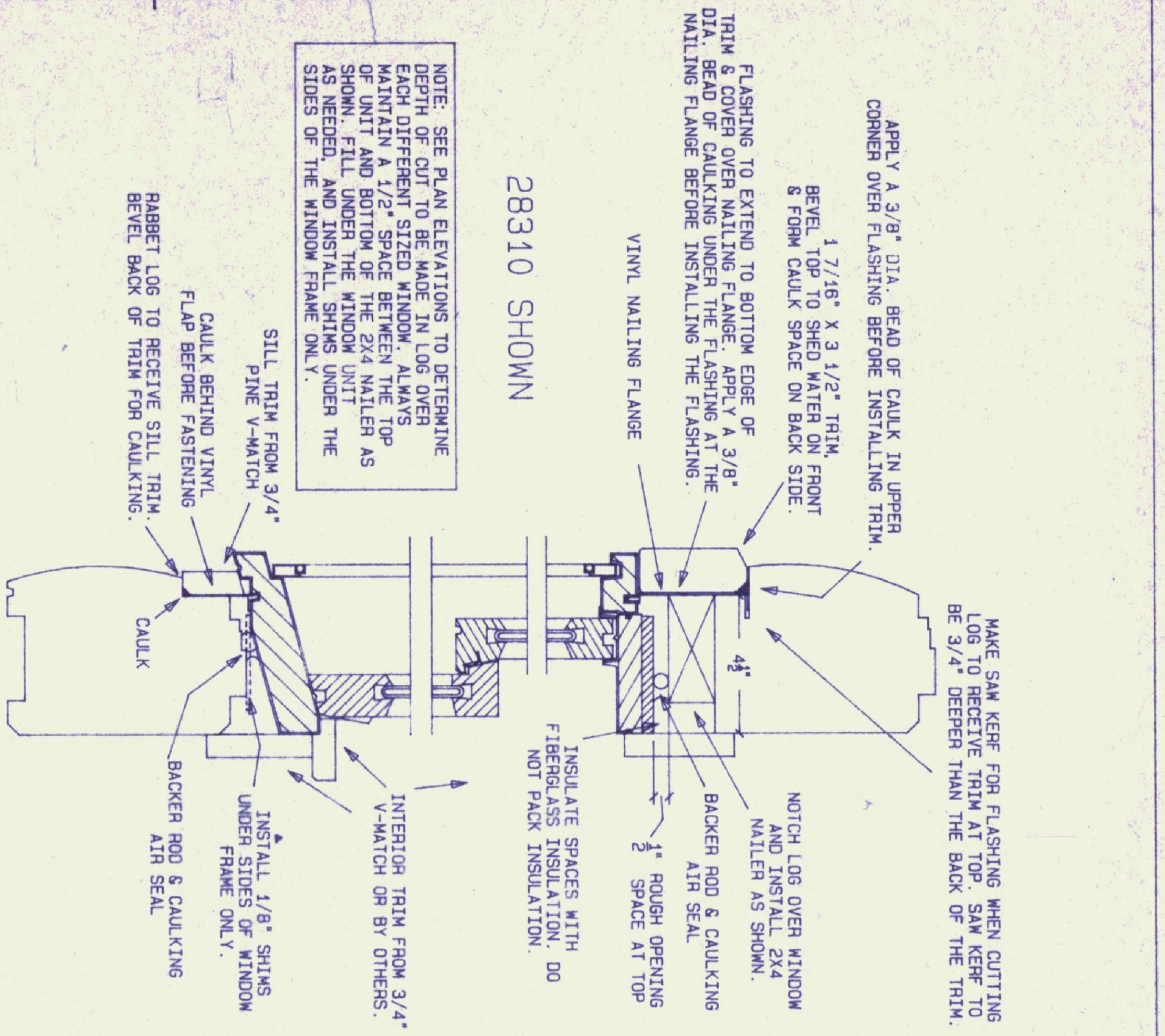
REFER TO SHEETS C, C-1, & C-2 (C-4 IF APPLICABLE) FOR MORE INFORMATION ON ROOF CONSTRUCTION.

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



NO.	REVISION	DATE	BY	CHKD

DWN ZR
 CND
 PROJECT NAME: DOUBLE ROOF CONSTRUCTION
 DATE: JAN. 1, 1995
 SCALE: NOT TO SCALE
 MODEL: STANDARD DETAILS D-96
 SHEET NO: C-3



GENERAL NOTES:

FLASHING IS RECOMMENDED AT THE TOP TRIM OF ALL WINDOWS. FLASHING BY OTHERS.

DO NOT LET WEIGHT OF LOSS BEAR ON WINDOW OR DOOR UNIT.

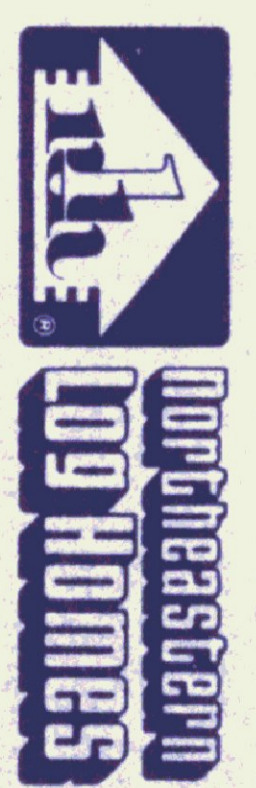
CAUTION:

NORTHEASTERN RECOMMENDS SEALING WITH BACKER ROD & CAULKING AS SHOWN HOWEVER, IF SPRAY FOAM INSULATION IS USED TO SEAL AT DOORS OR WINDOWS READ MANUFACTURER'S INSTRUCTIONS CAREFULLY FOR PROPER INSTALLATION PROCEDURES. APPLY ONLY A SMALL BEAD OF SPRAY FOAM AND DO NOT ATTEMPT TO FILL THE ENTIRE SPACE. SPRAY FOAM EXPANDS GREATLY AND COULD CAUSE ABNORMAL PRESSURE ON JAMBS RESTRICTING OPERATION OF MOVING PARTS. SPRAY FOAM INSULATION BY OTHERS.

AT ROUGH OPENINGS, INSTALL BACKER ROD & CAULKING SEAL. FILL ALL REMAINING SPACES WITH FIBERGLASS INSULATION BEFORE INSTALLING TRIM.

SEE "CONSTRUCTION GUIDE" FOR ADDITIONAL INFORMATION ON INSTALLATION OF WINDOWS.

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



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NO.	REVISION	DATE	BY	CHKD

MODEL: STANDARD DETAILS D-96

PROJECT NAME: WINDOW INSTALLATION

DATE: JAN. 1, 1995

SCALE: AS NOTED

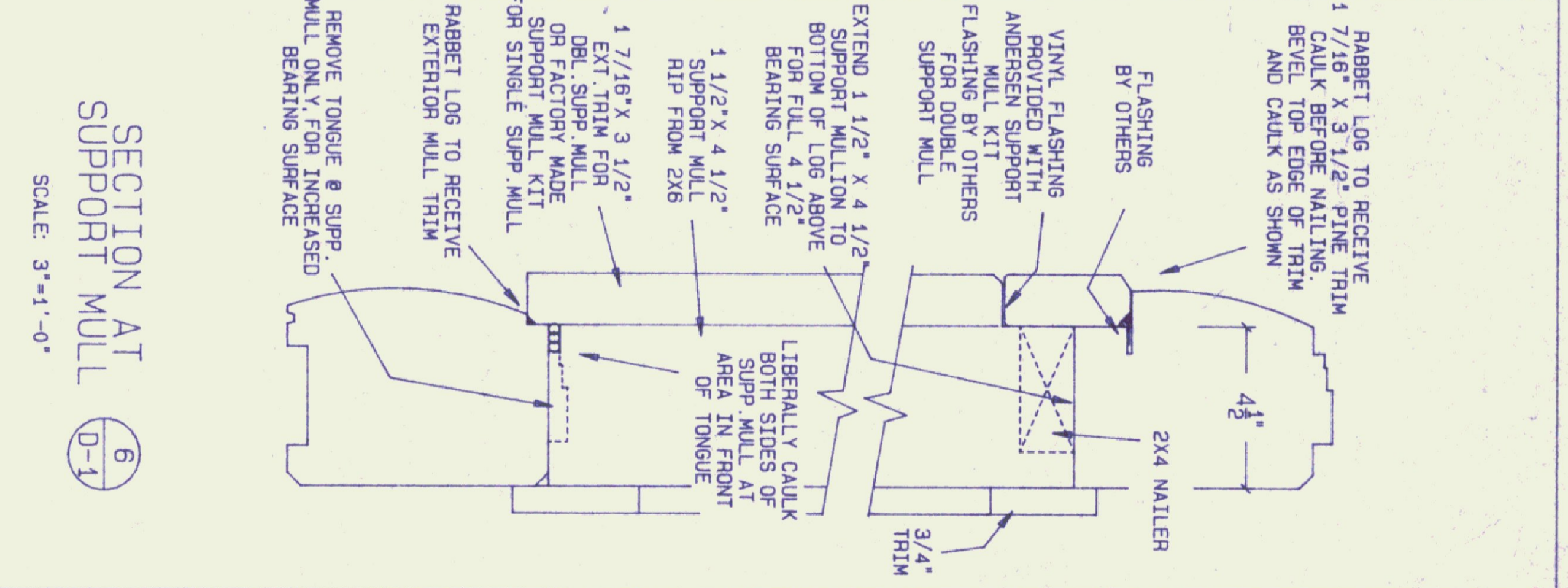
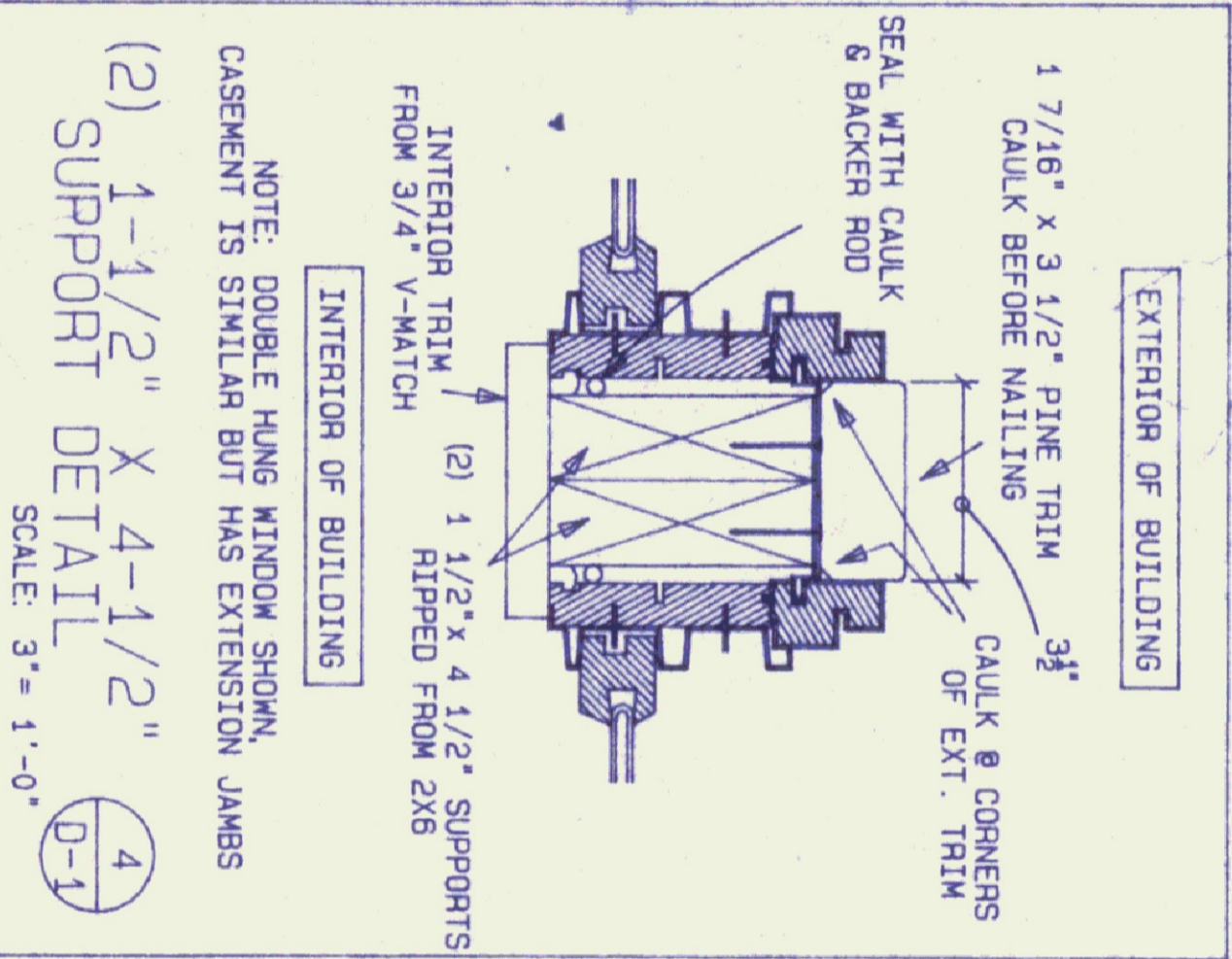
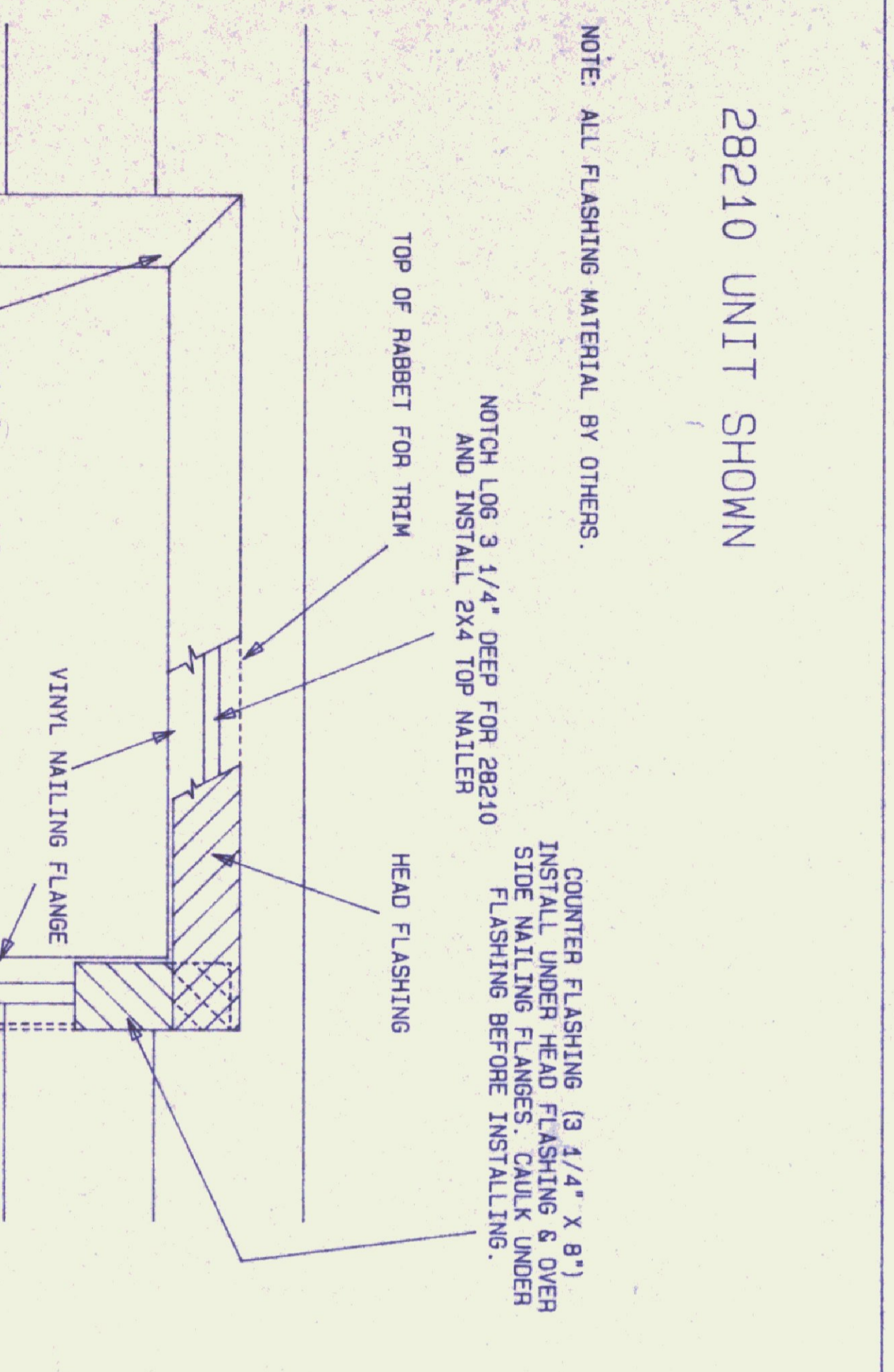
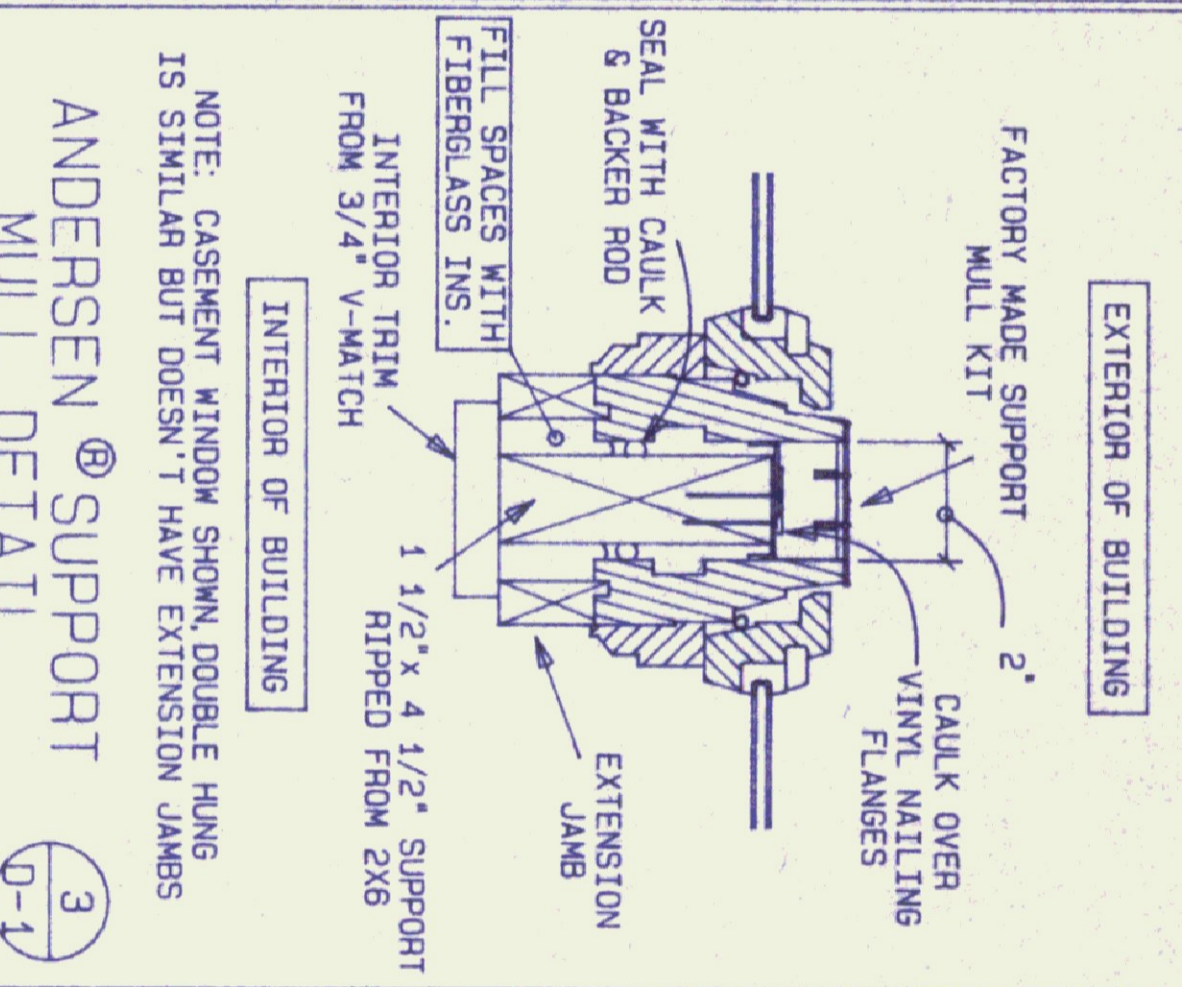
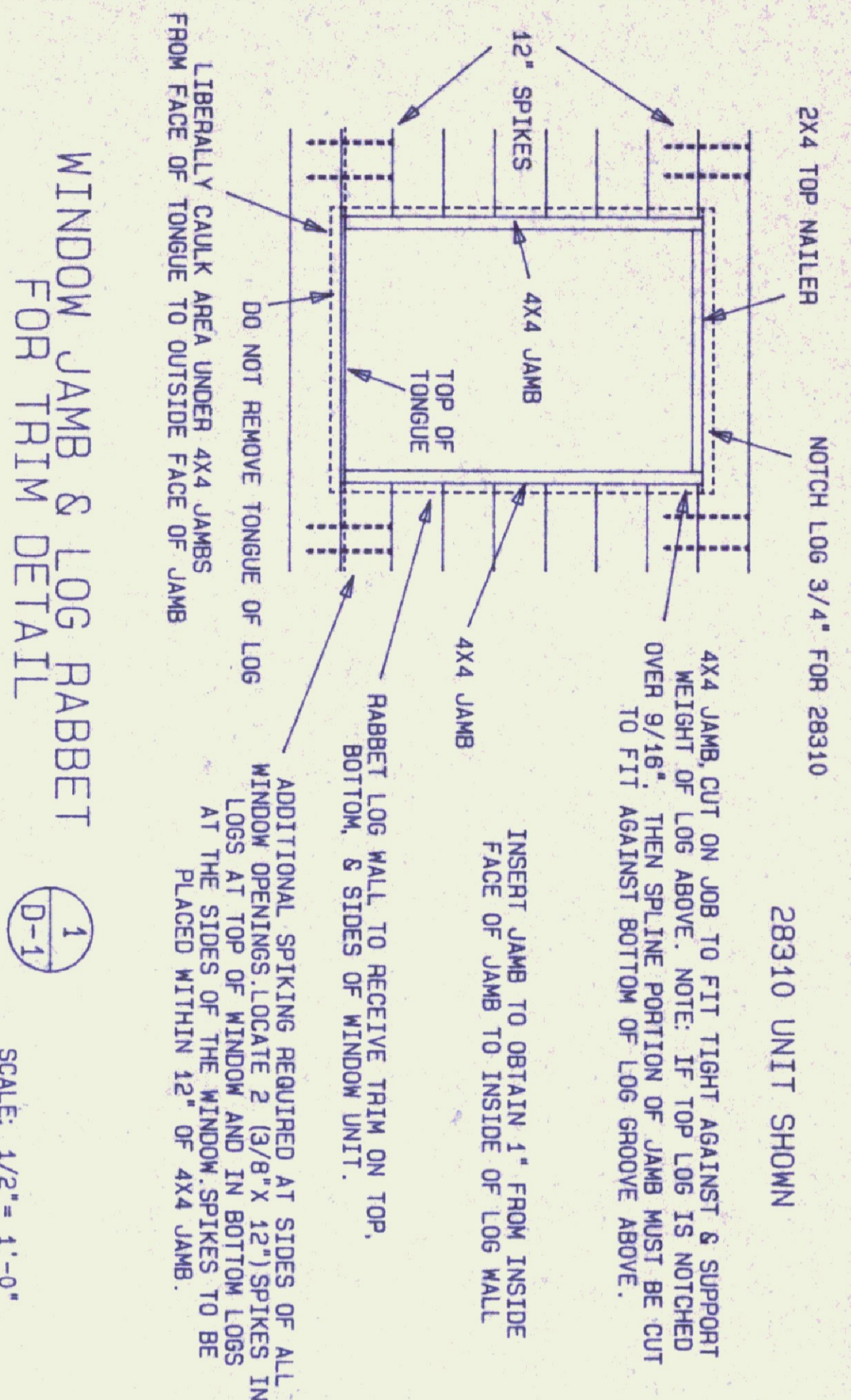
PROJECT NAME: IN LOG WALLS

DATE: JAN. 1, 1995

SCALE: AS NOTED

PROJECT NAME: IN LOG WALLS

CODE	TIME	BY



GENERAL NOTES:

FLASHING IS RECOMMENDED AT THE TOP TRIM OF ALL WINDOWS. FLASHING BY OTHERS.

DO NOT LET WEIGHT OF LOGS BEAR ON TOP OF WINDOW UNIT.

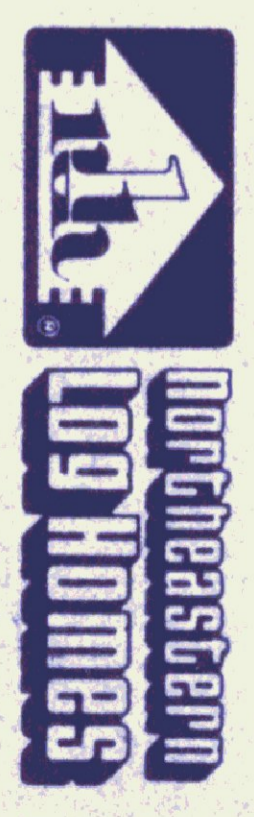
CAUTION:

NORTHEASTERN RECOMMENDS SEALING WITH BACKER ROD & CAULKING AS SHOWN HOWEVER, IF SPRAY FOAM INSULATION IS USED TO SEAL AT DOORS OR WINDOWS, HEAD MANUFACTURER'S INSTALLATION PROCEDURES FOR PROPER INSTALLATION PROCEDURES. APPLY ONLY A SMALL BEAD OF SPRAY FOAM AND DO NOT ATTEMPT TO FILL THE ENTIRE SPACE. SPRAY FOAM EXPANDS GREATLY AND COULD CAUSE ABNORMAL PRESSURE ON JAMBS RESTRICTING OPERATION OF MOVING PARTS. SPRAY FOAM INSULATION BY OTHERS.

AT ROUGH OPENING, INSTALL BACKER ROD & CAULKING SEAL. FILL ALL REMAINING SPACES WITH FIBERGLASS INSULATION BEFORE INSTALLING TRIM.

SEE "CONSTRUCTION GUIDE" FOR ADDITIONAL INFORMATION ON INSTALLATION OF WINDOWS.

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



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NO.	REVISION	DATE	BY	CHKD

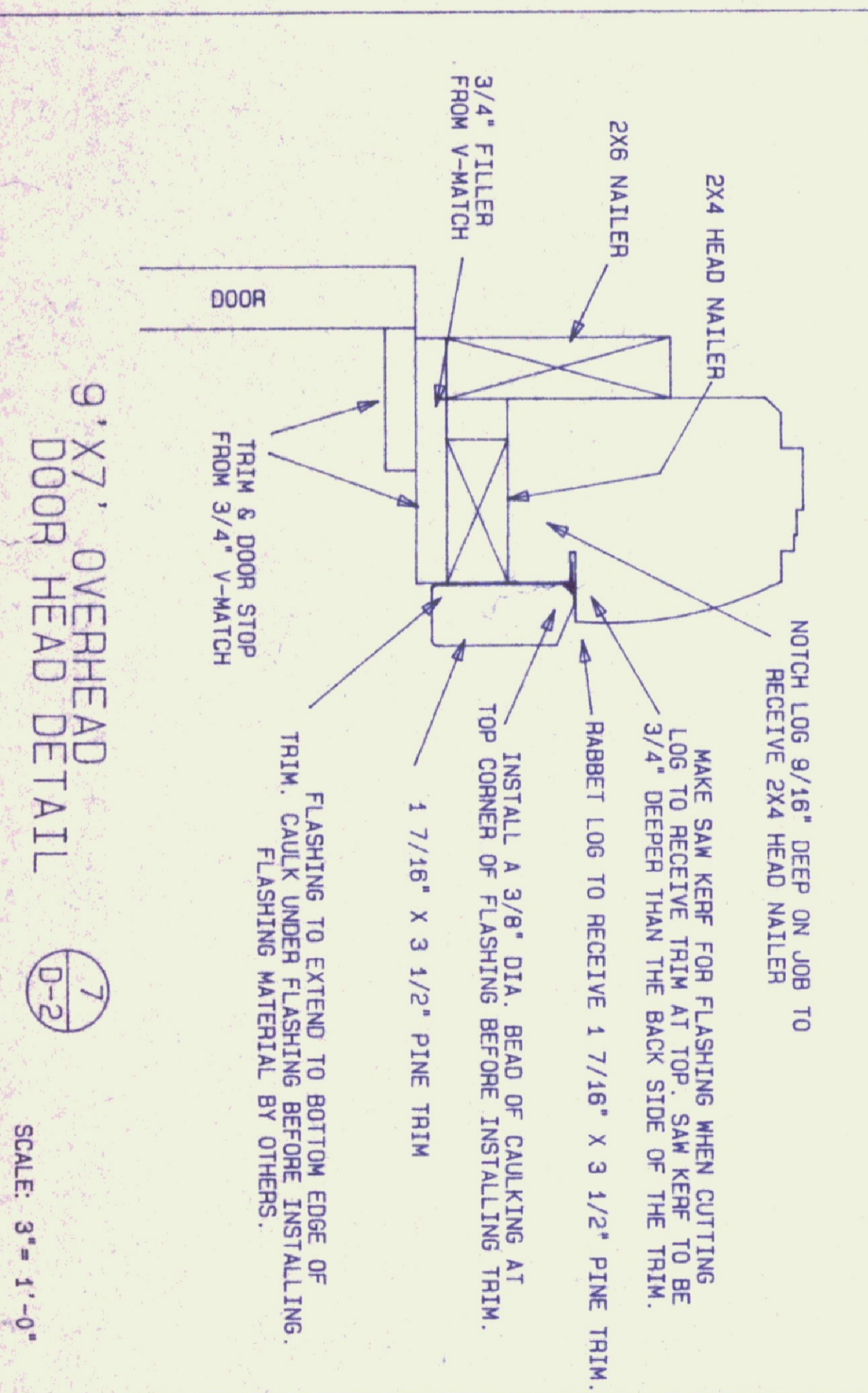
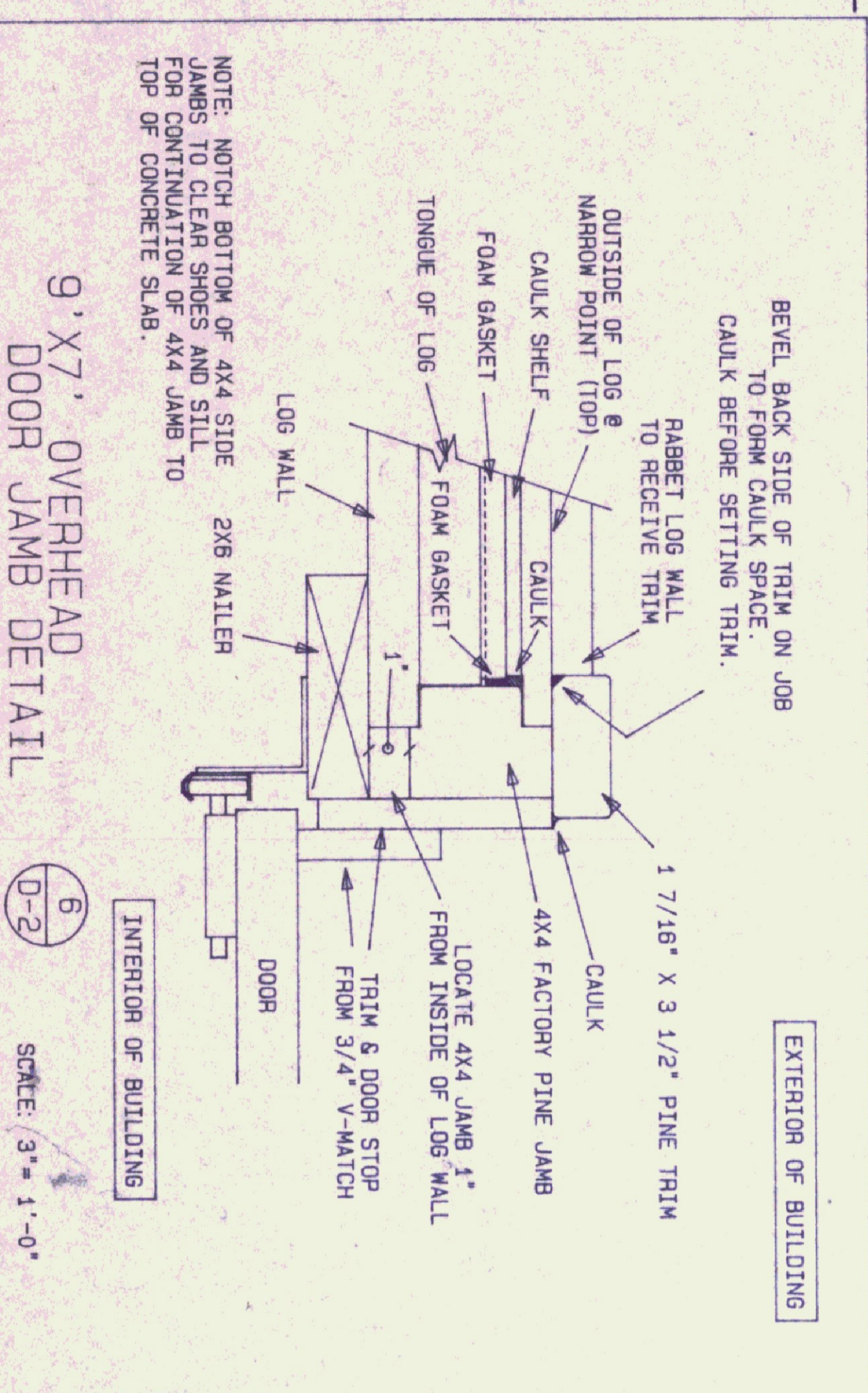
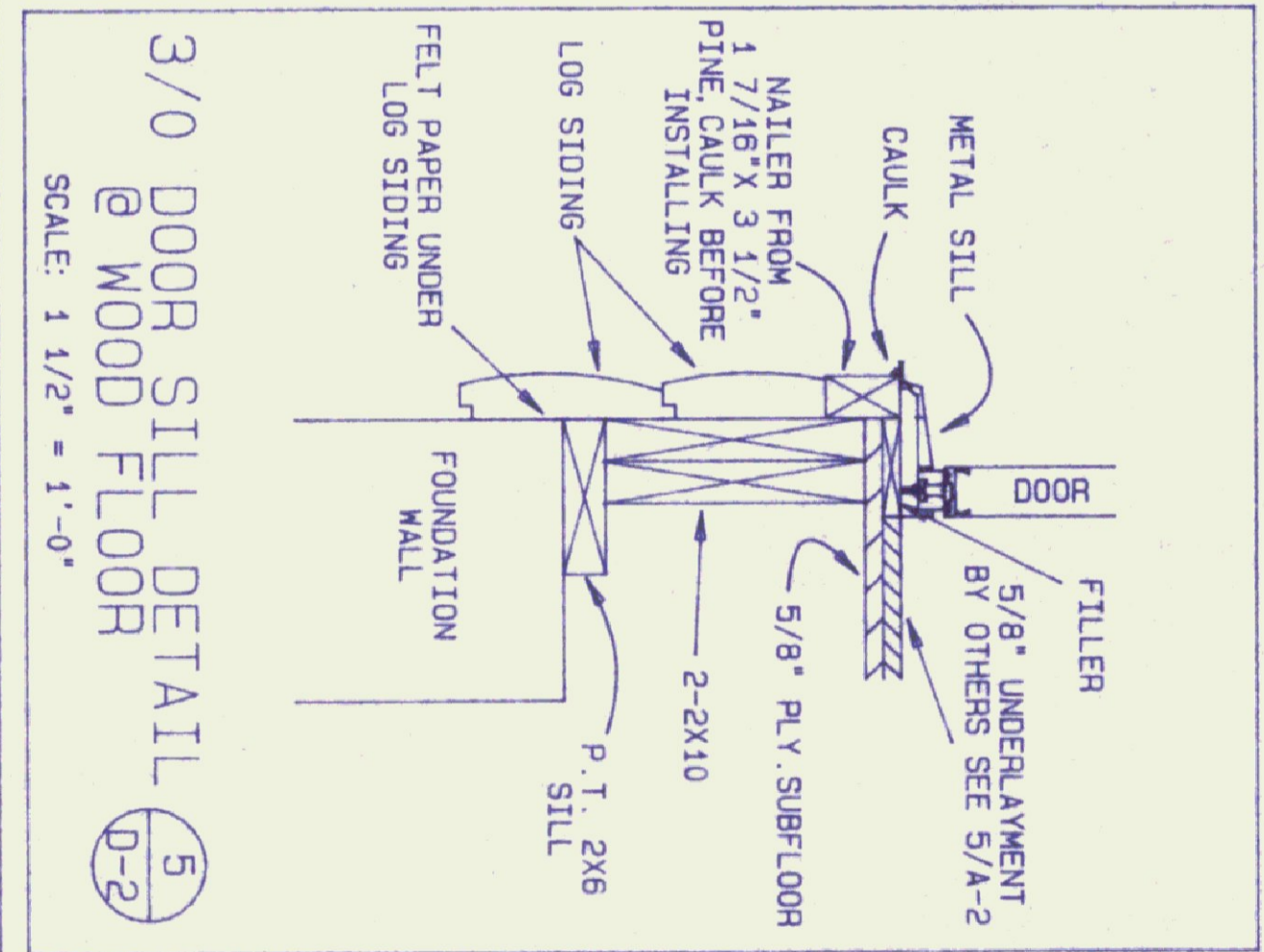
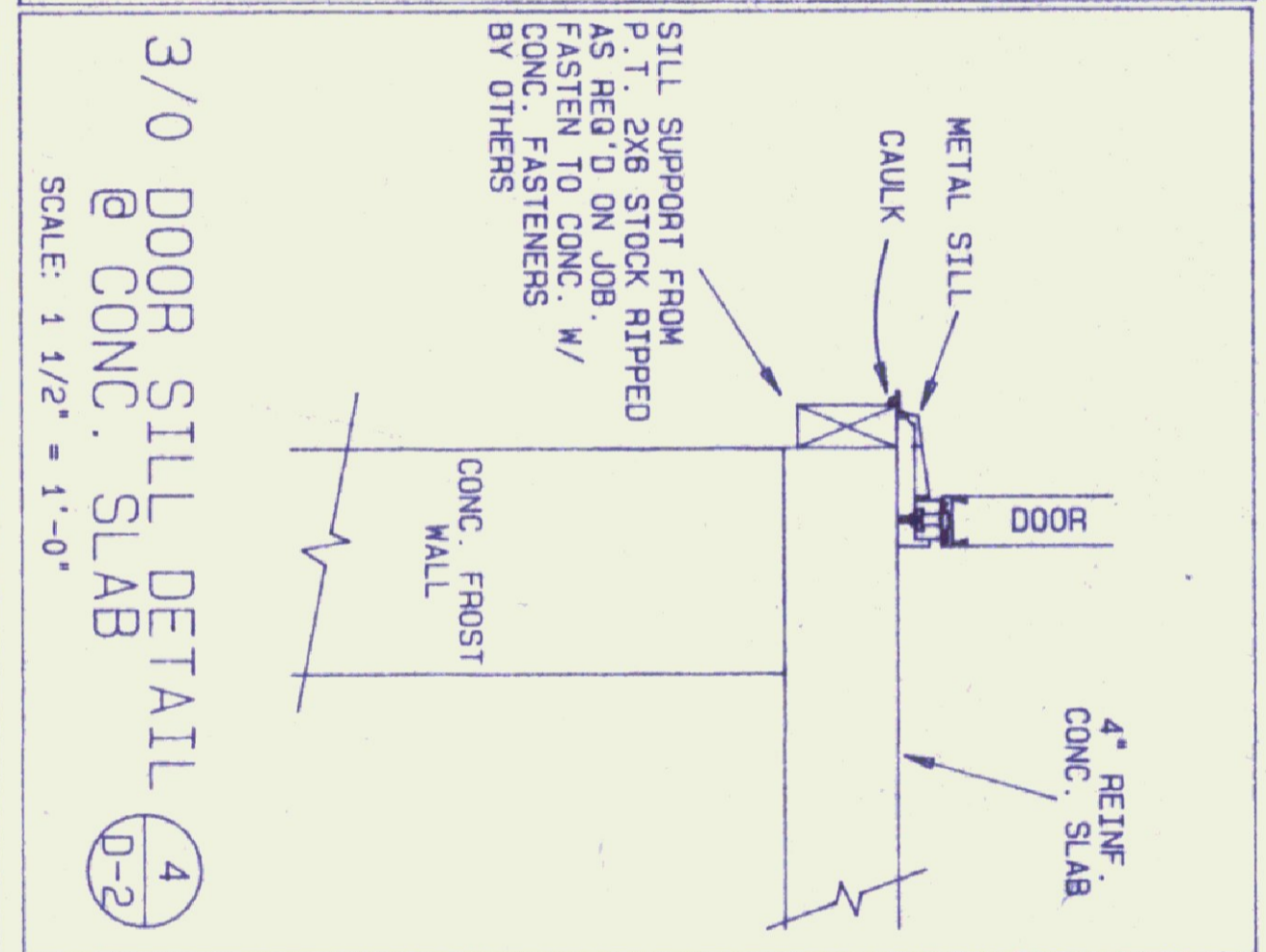
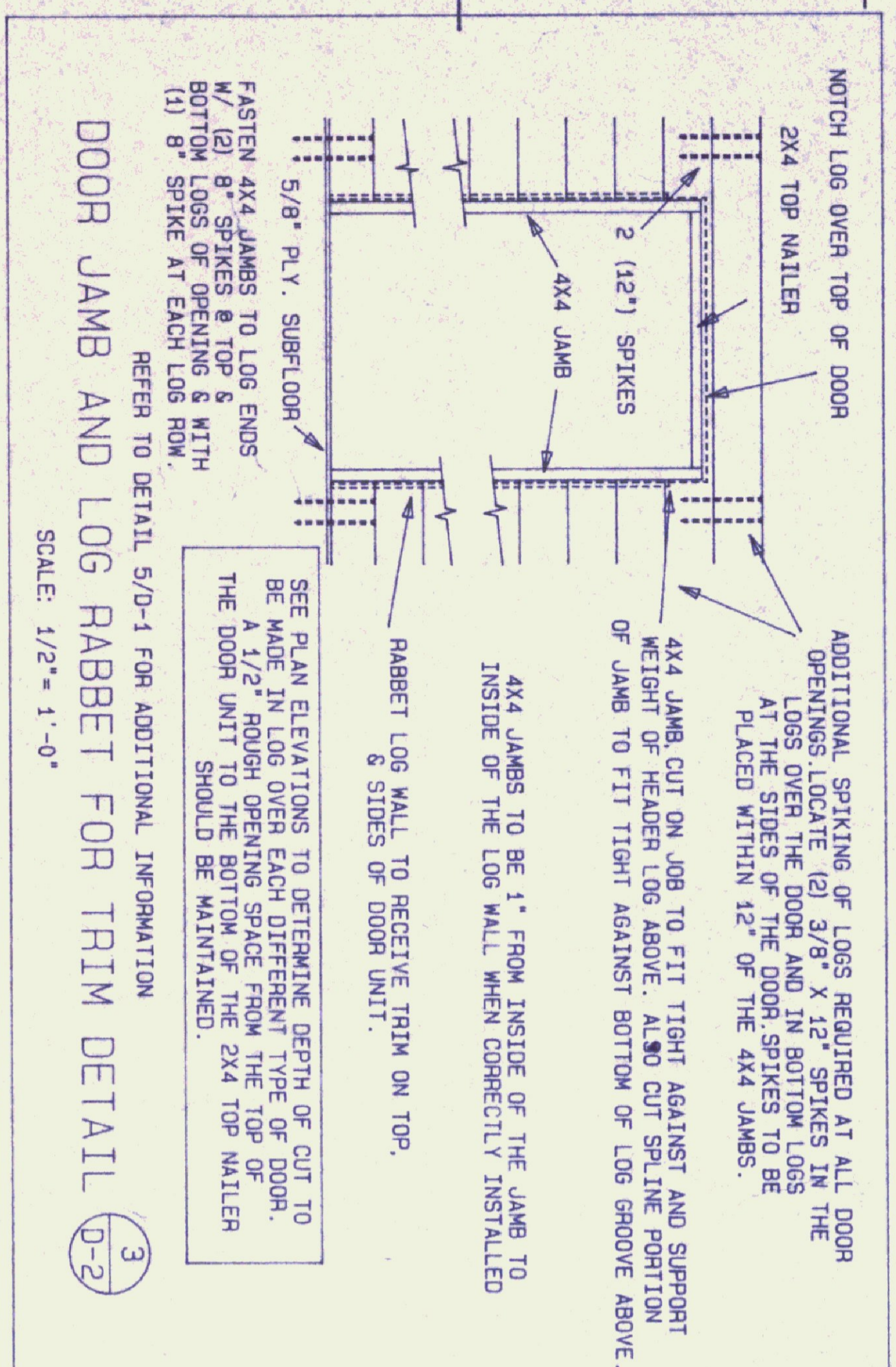
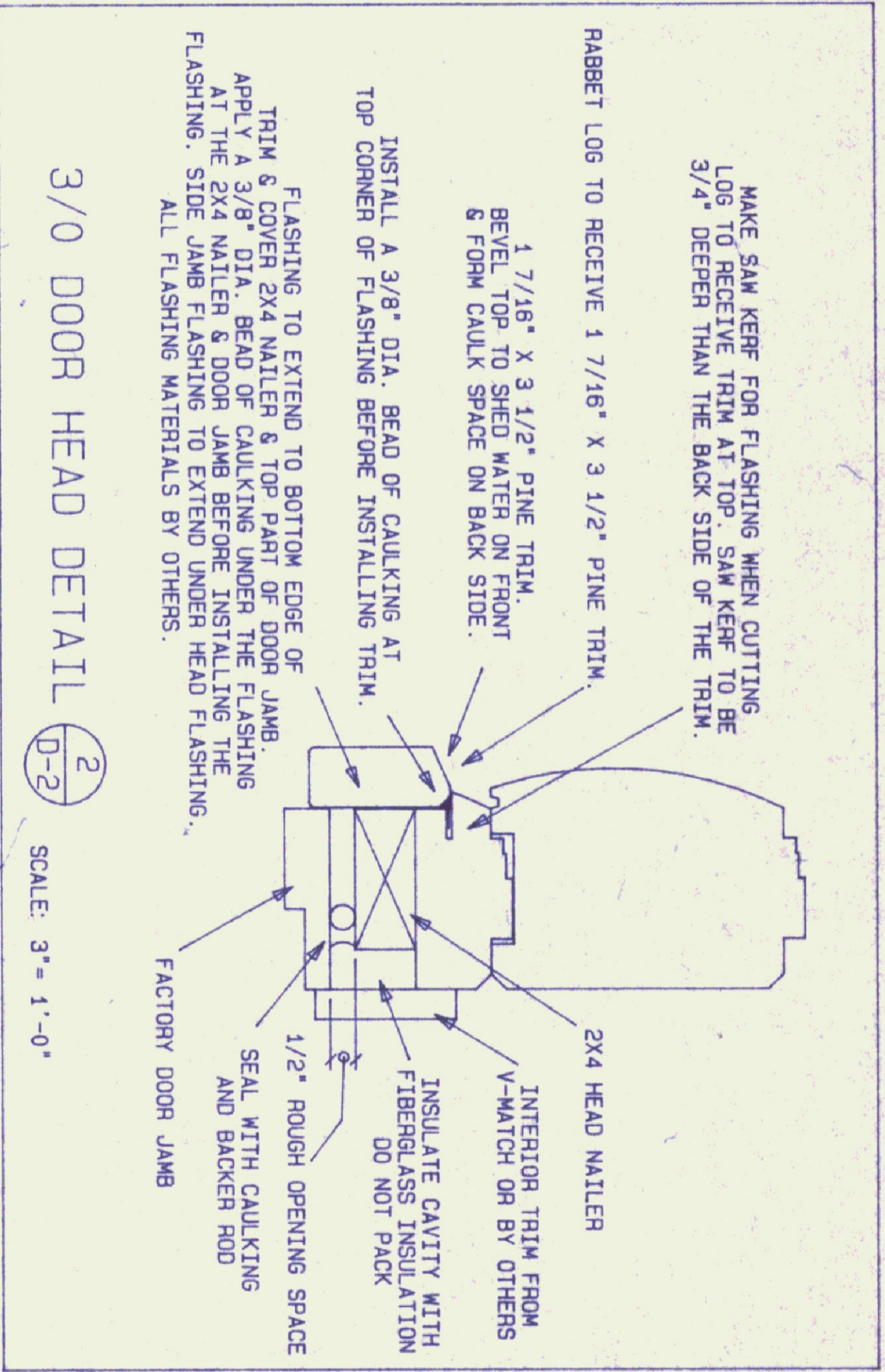
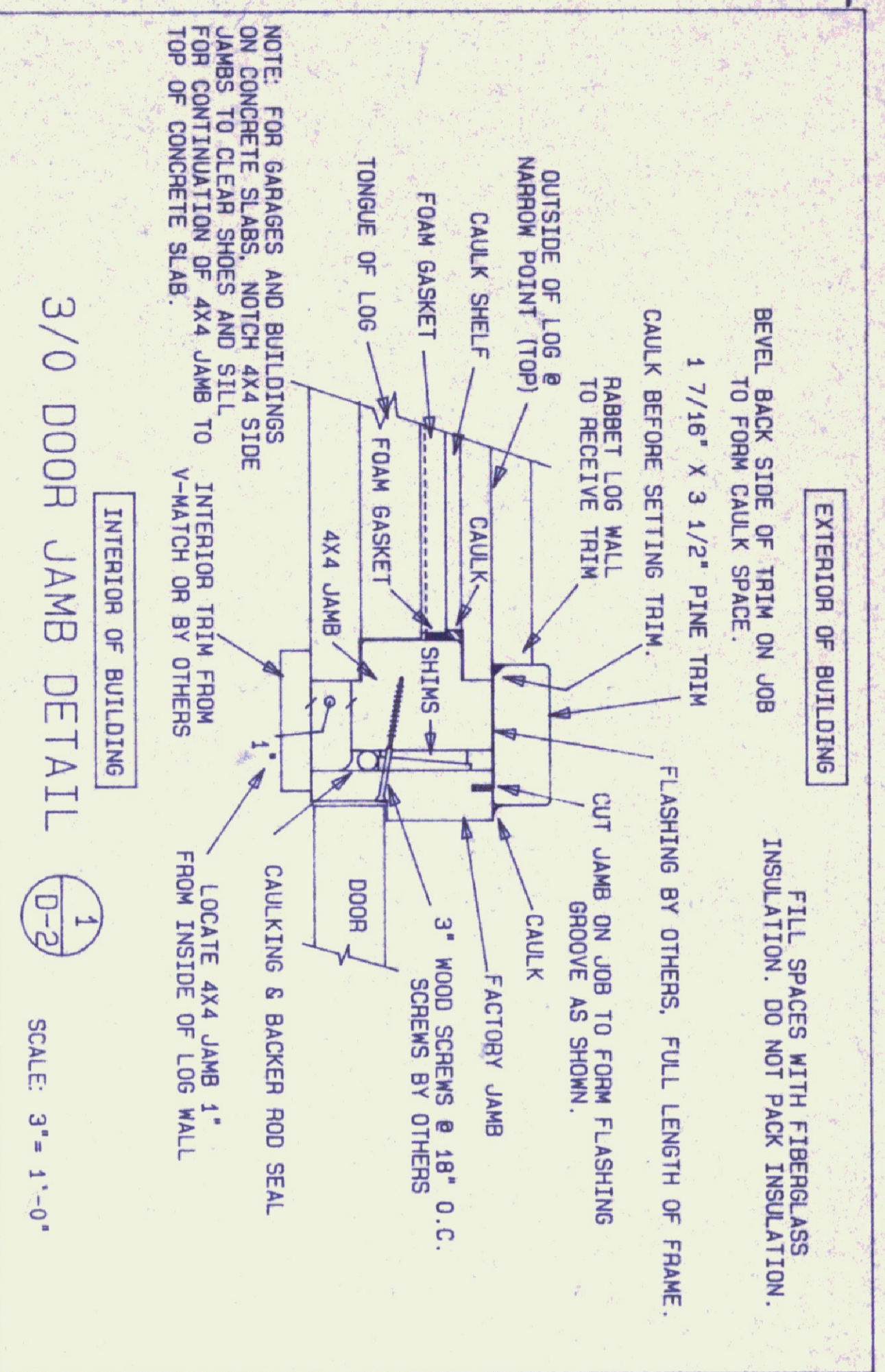
MODEL: STANDARD DETAILS D-96

PROJECT NAME: WINDOW INSTALLATION

DATE: JAN. 1, 1995

SCALE: AS NOTED

SHT NO: D-1



GENERAL NOTES:
FLASHING IS RECOMMENDED AT HEAD TRIM & SIDES OF ALL DOORS EXCEPT SIDES OF GARAGE OR DOORS.
FLASHING BY OTHERS.
DO NOT LET WEIGHT OF LOGS BEAR ON WINDOW OR DOOR UNIT.

CAUTION:
NORTHEASTERN RECOMMENDS SEALING WITH BACKER ROD & CAULKING AS SHOWN HOWEVER, IF SPRAY FOAM INSULATION IS USED TO SEAL AT DOORS OR WINDOWS READ MANUFACTURER'S INSTALLATION PROCEDURES. APPLY ONLY A SMALL BEAD OF SPRAY FOAM AND DO NOT ATTEMPT TO FILL THE ENTIRE SPACE. SPRAY FOAM EXPANDS GREATLY AND COULD CAUSE ABNORMAL PRESSURE ON JAMBS RESTRICTING OPERATION OF MOVING PARTS. SPRAY FOAM INSULATION BY OTHERS.

AT ROUGH OPENING, INSTALL BACKER ROD & CAULKING SEAL. FILL ALL REMAINING SPACES WITH FIBERGLASS INSULATION BEFORE INSTALLING TRIM.
SEE MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR ADDITIONAL INFORMATION ON ASSEMBLY OF GARAGE OVERHEAD DOORS. INSTRUCTIONS INCLUDED WITH OH DOOR HARDWARE PACKAGE.
DETAILS ON THIS SHEET ARE GENERAL AND MAY NOT APPLY TO ALL BUILDINGS.



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NO.	REVISION	DATE	BY	CHK

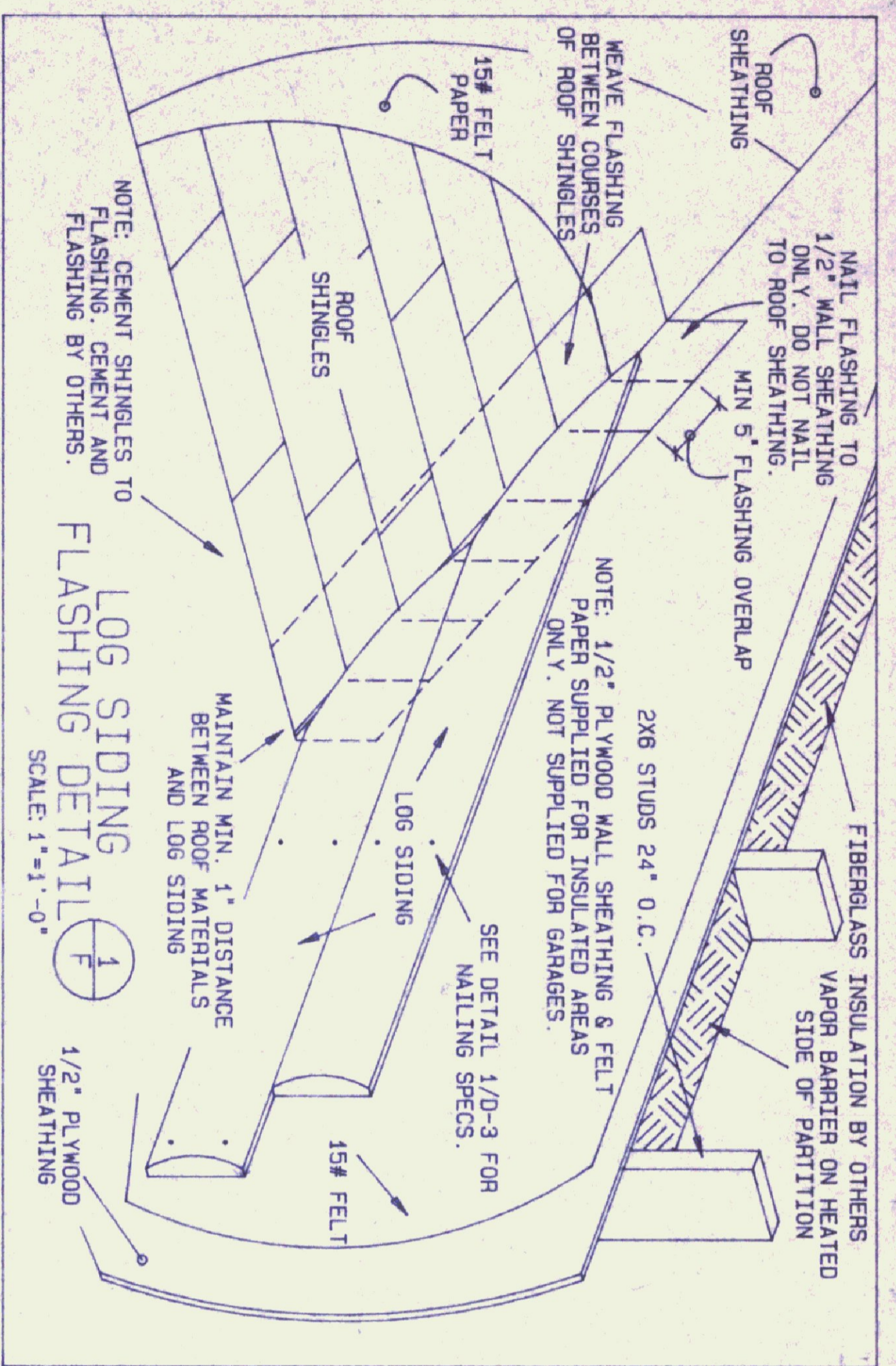
MODEL: STANDARD DETAILS D-96

PROJECT NAME: DOOR INSTALLATION

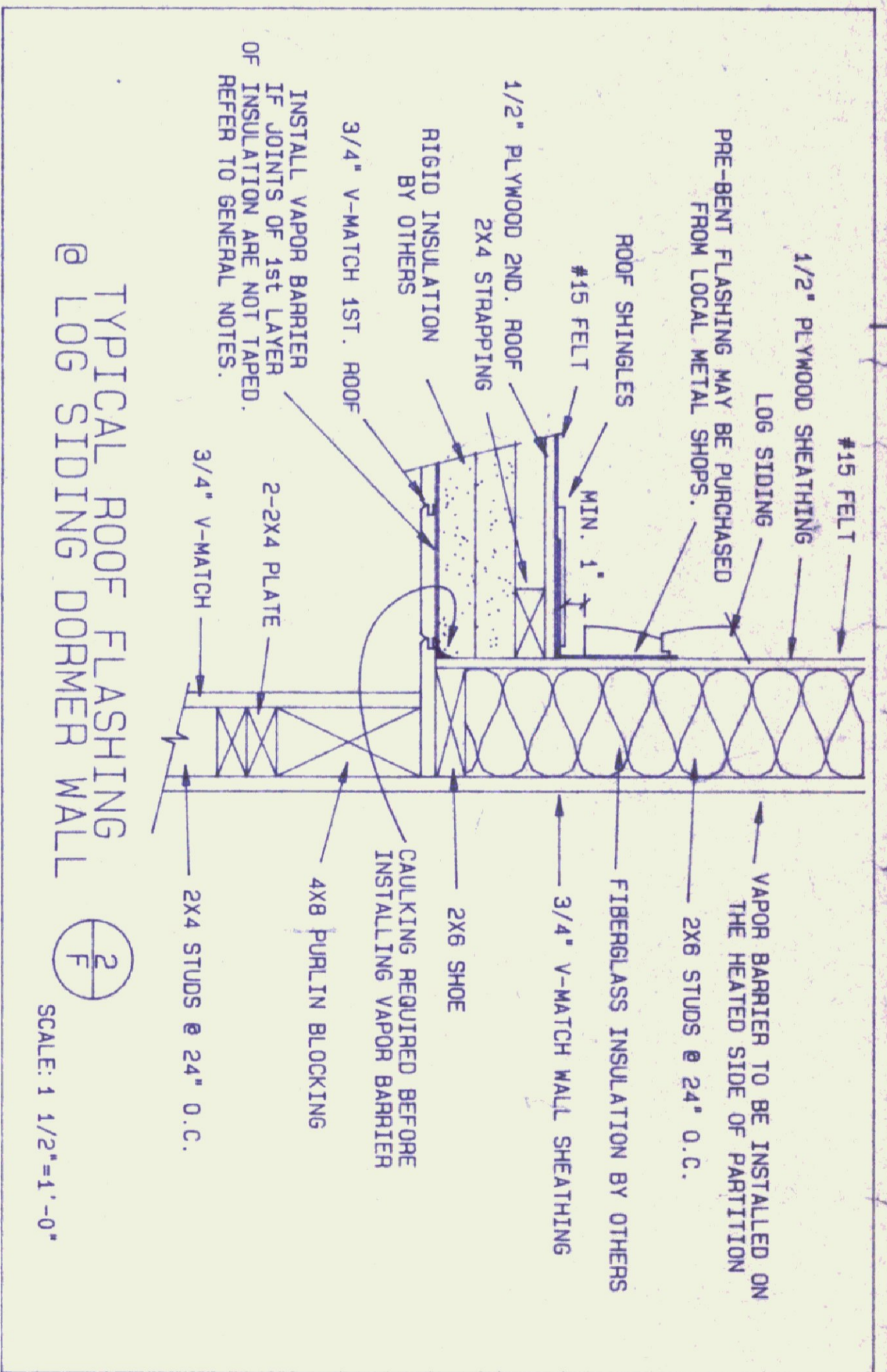
IN LOG WALLS

DRN	MG	COOPER
CAD	NE	NE
DATE	JAN. 1, 1995	PLANNING
SCALE	AS NOTED	NE

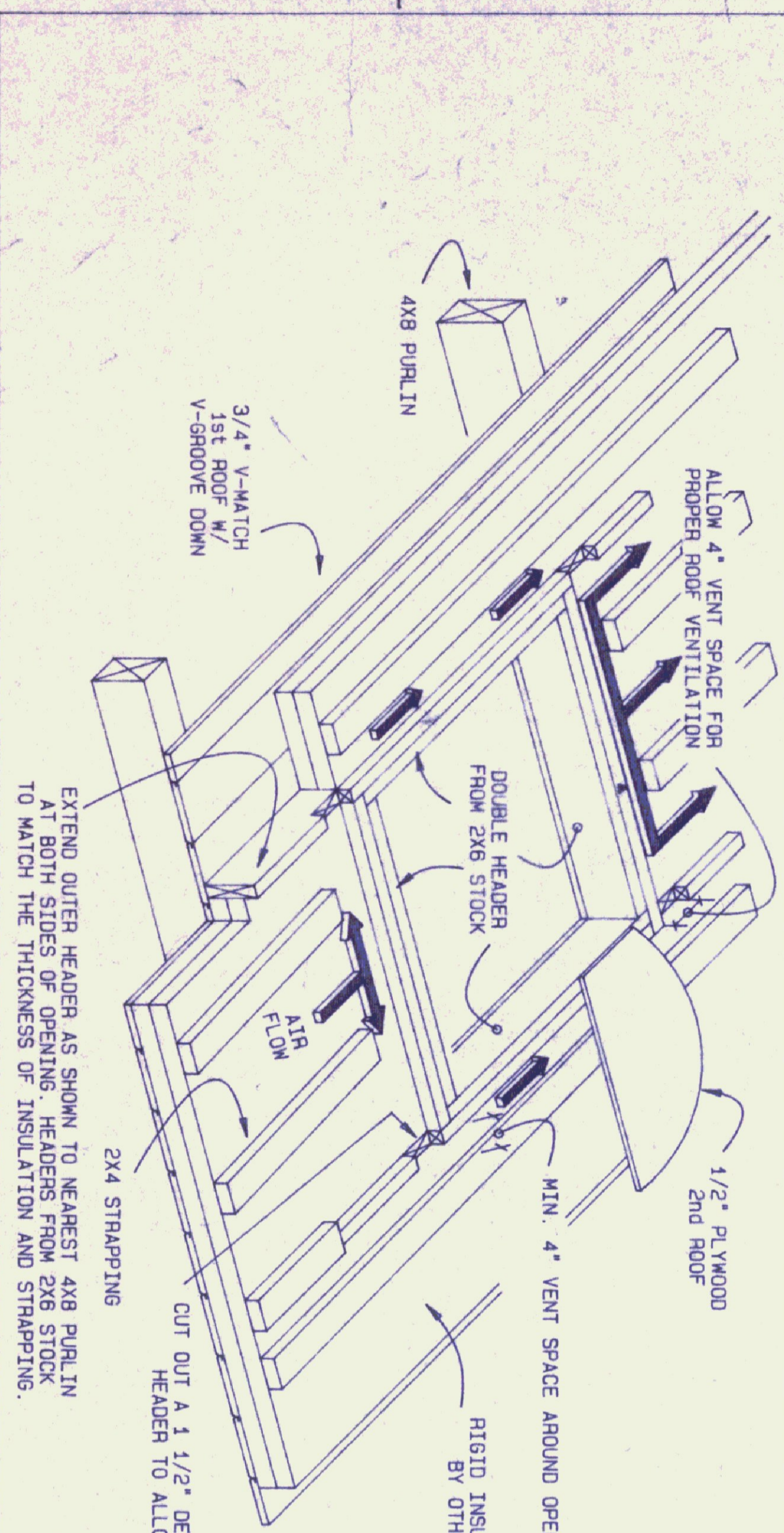
SHT. NO. D-2



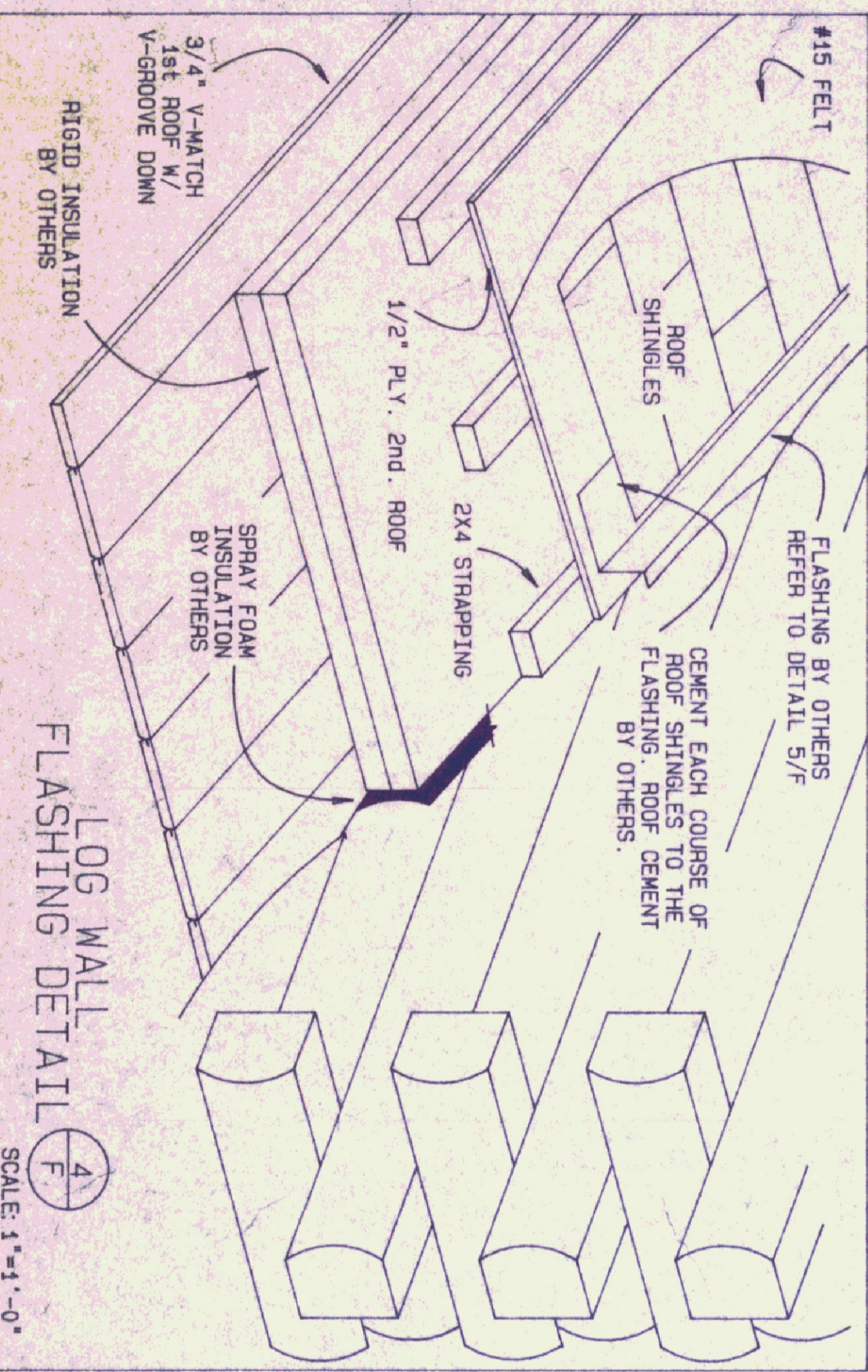
LOG SIDING FLASHING DETAIL 1
SCALE: 1"=1'-0"



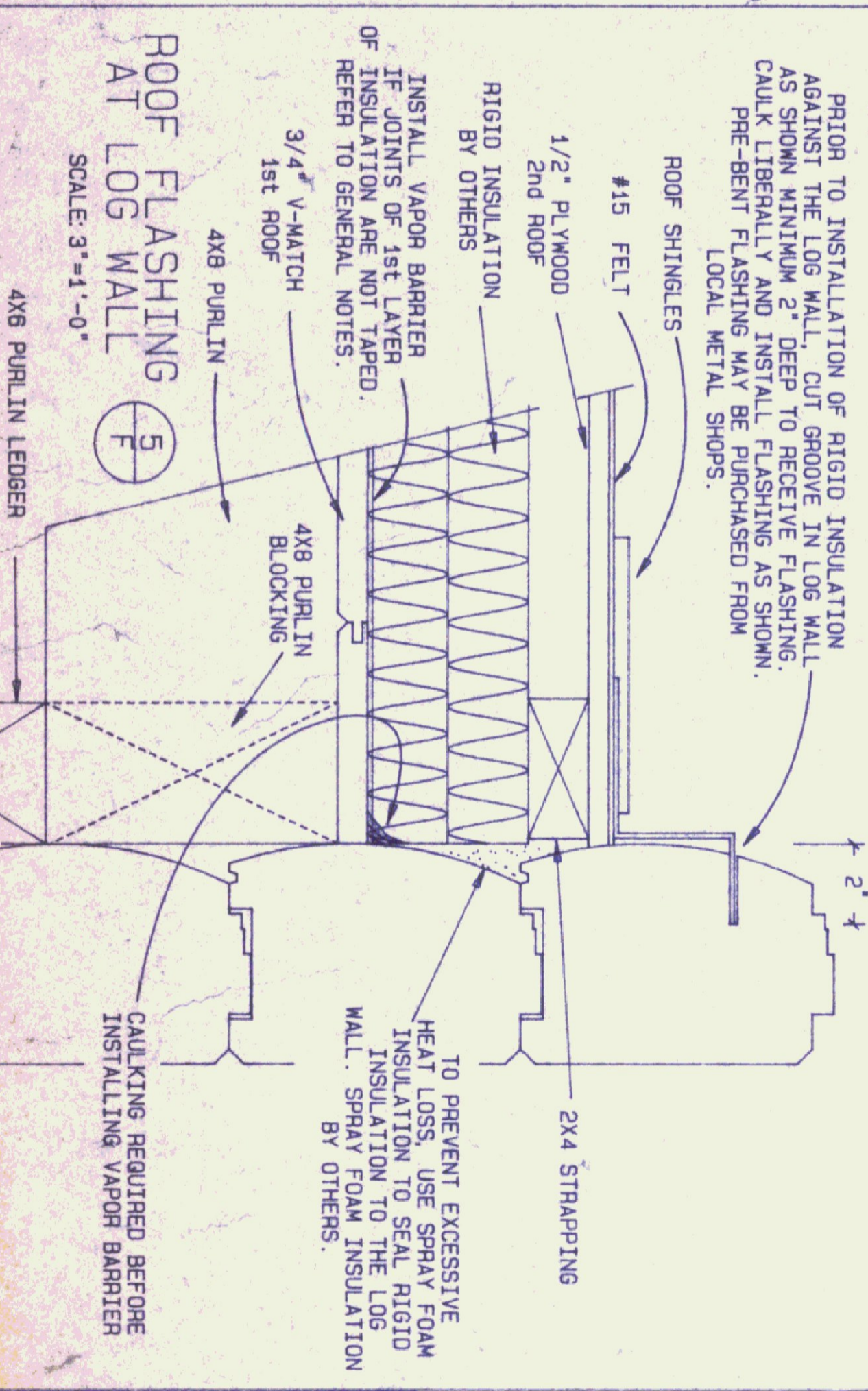
TYPICAL ROOF FLASHING @ LOG SIDING DORMER WALL 2
SCALE: 1 1/2"=1'-0"



VENTING AT CHIMNEY AND SKYLIGHTS 3
SCALE: 3/4"=1'-0"



LOG WALL FLASHING DETAIL 4
SCALE: 1"=1'-0"



ROOF FLASHING AT LOG WALL 5
SCALE: 3"=1'-0"

GENERAL NOTES:

PURLIN HEADERS AND HANGERS MUST BE INSTALLED BEFORE 3/4" V-MATCH 1ST ROOF BOARDS. MIN. 4" AIRSPACE MUST BE MAINTAINED AROUND ANY OPENING THROUGH THE DOUBLE ROOF SYSTEM TO ALLOW FOR PROPER VENTING.

DO NOT REMOVE MORE THAN ONE PURLIN FOR ANY OPENING IN THE ROOF.

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

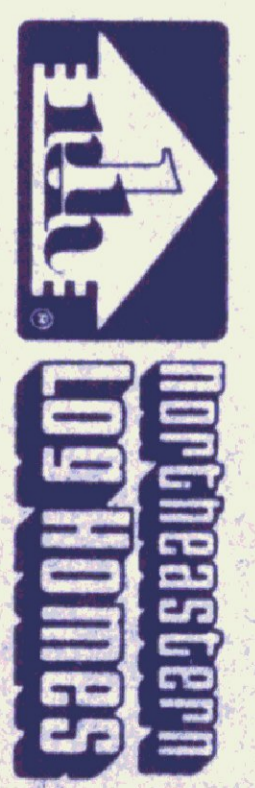
TOTAL THICKNESS OF INSULATION TO BE MINIMUM 4" OR AS REQUIRED TO COMPLY WITH LOCAL ENERGY CODES. 1ST LAYER OF INSULATION TO HAVE ALL SEAMS SEALED WITH ALUMINUM FOIL TAPE. OR INSTALL A SEPARATE VAPOR BARRIER BEFORE FIRST LAYER OF INSULATION.

1/2" PLYWOOD WALL SHEATHING & FELT PAPER AS SHOWN IN DETAIL 2/F IS SUPPLIED FOR DORMERS AND INSULATED AREAS ONLY. THESE MATERIALS ARE NOT SUPPLIED FOR GARAGES. ALL INSULATION IS BY OTHERS. REFER TO MATERIALS LIST FOR SPECIFICATIONS.

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.

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

GENERAL NOTES
EXTENDED OUTER HEADERS NOT REQ'D IF 4X8 PURLIN HEADERS ARE USED ON BOTH SIDES OF OPENING
MAINTAIN A MINIMUM 4" CLEARANCE BETWEEN THE ROOF STRAPPING & DOUBLE HEADER AROUND THE ROOF OPENING. THIS WILL ALLOW FREE FLOW OF AIR AROUND THE OPENING.
IF A 4X8 ROOF PURLIN MUST BE NOTCHED OR REMOVED TO MAINTAIN A 2" CLEARANCE AROUND CHIMNEY, 4X8 PURLIN HEADERS MAY BE REQ'D FOR PROPER STRUCTURAL SUPPORT. CONSULT YOUR N.L.H. SALES REP.



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NO.	REVISION	DATE	BY	CHKD

WINDOWS MODEL STANDARD DETAILS D-96

DRN NG CODES

PROJECT NAME ROOF FLASHING & VENTING

DATE JAN. 1, 1995 PLANNED

SCALE AS NOTED NE

SHT NO. F