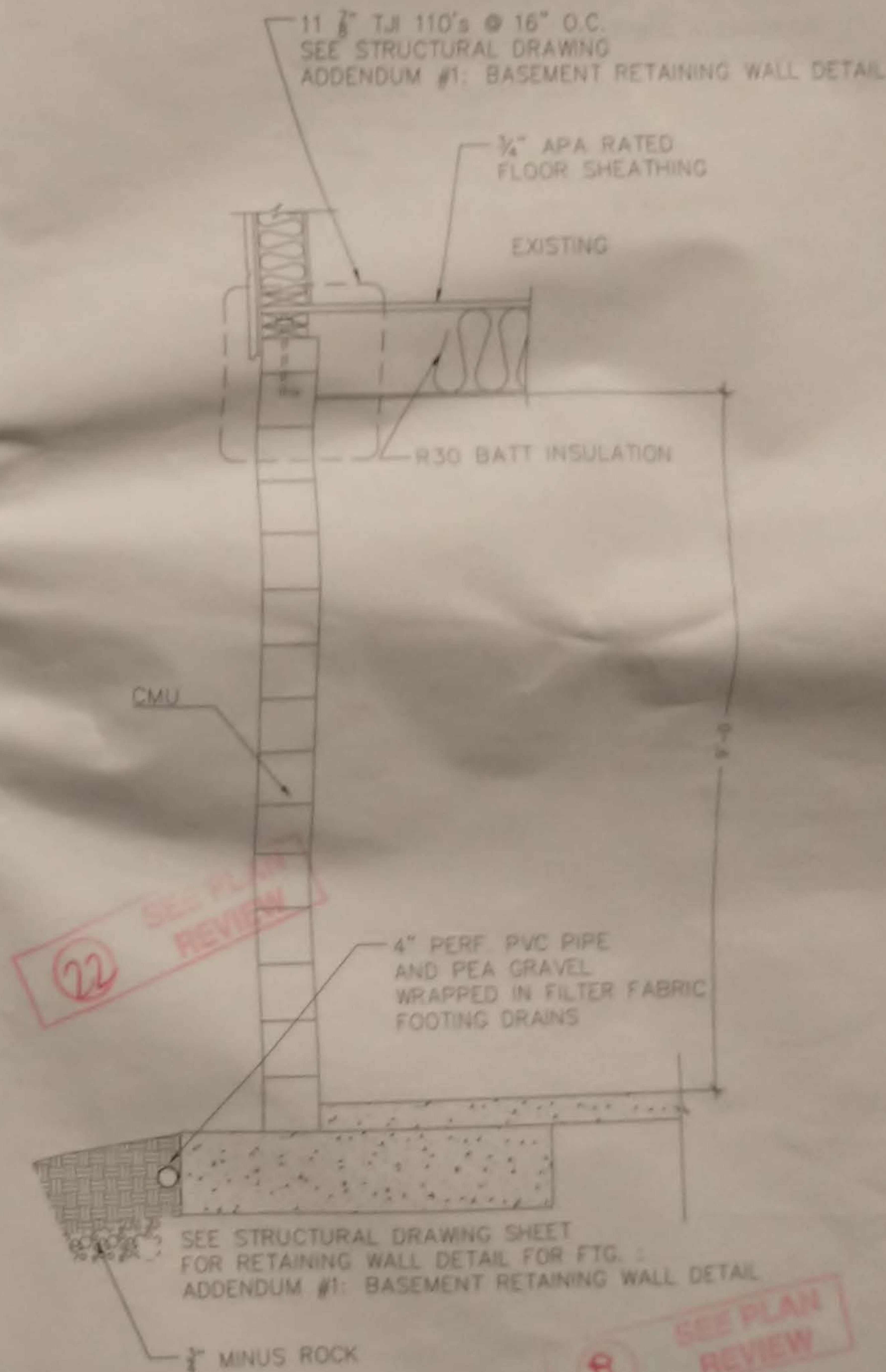
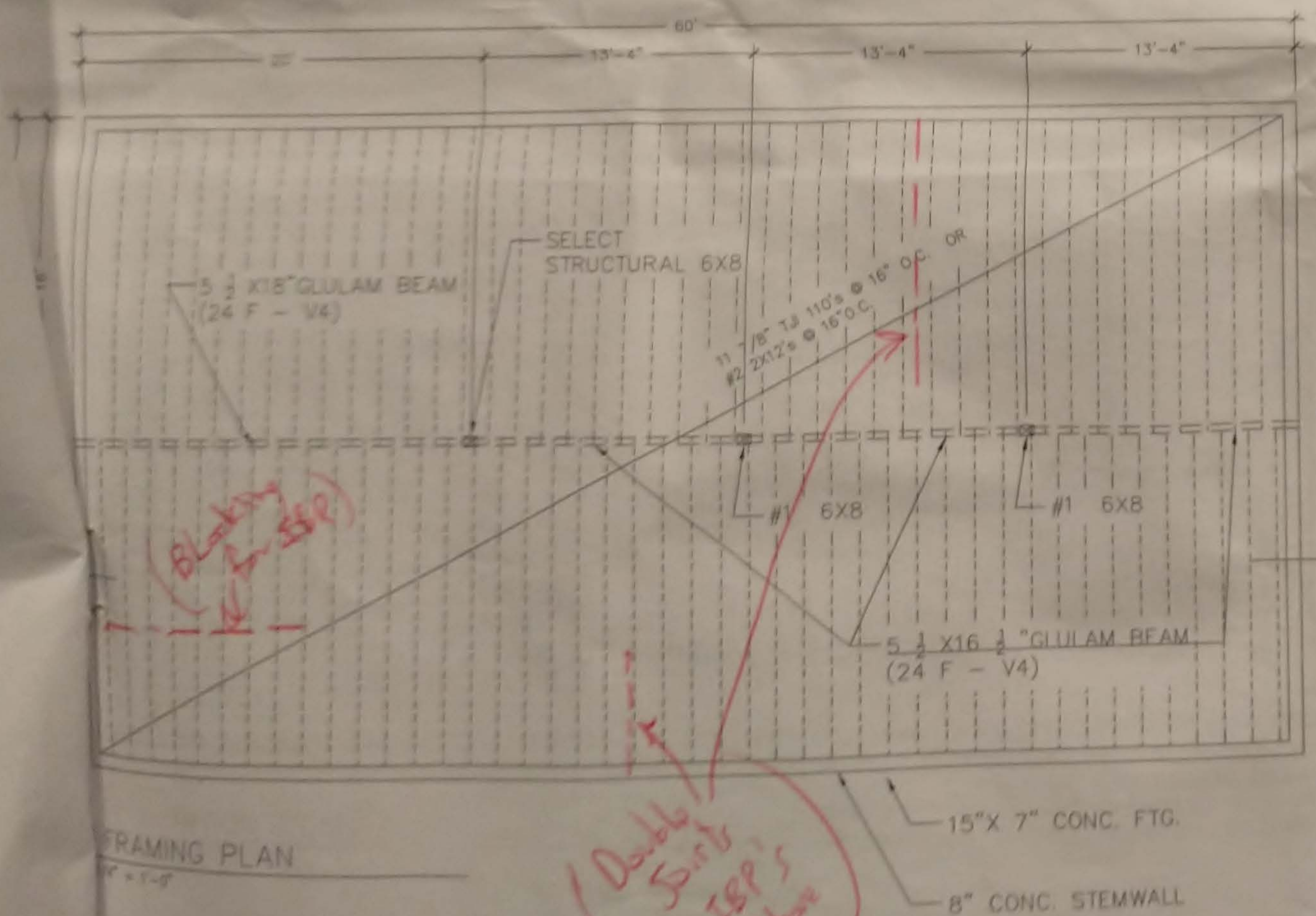
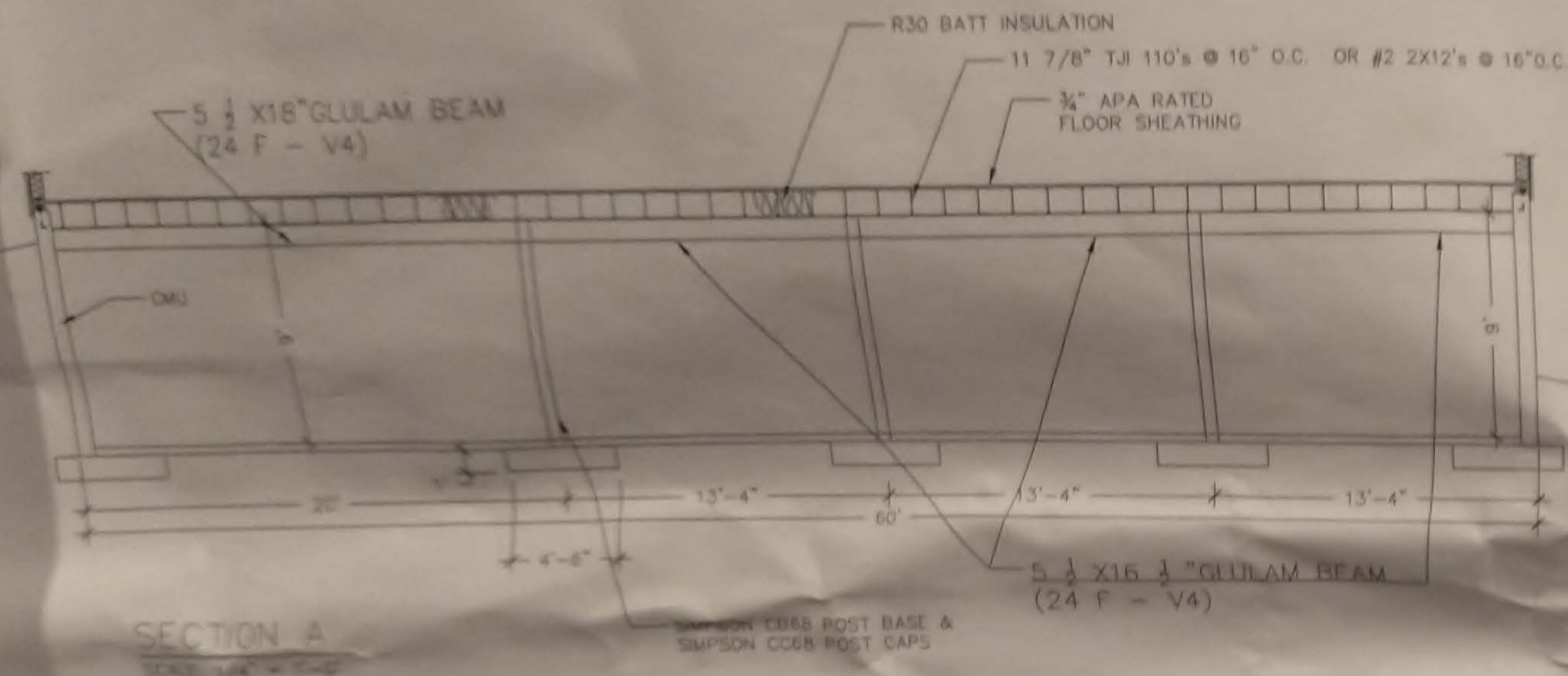




Stamp	
PROJECT NO. 103348	DATE 1/19/2013
FILE NO. FRAM. & SECT	DESIGNER J.M.
REV. NO. 1	ISSUED BY J.M.
DATE 1/19/2013	AS SHOWN
PROJECT NAME & ADDRESS 11000 AND ELLON WAY ANTIPOLO, CA 91735	
DRAWN BY J.M.	
CHECKED BY J.M.	
DATE 1/19/2013	

LEC

X-5

15

DE

6

60'-0"

FOUNDATION PLAN

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

4'-0" x 4'-0" x 12"
FTG W/
(5) #4 BARS E/W

SEE STRUCTURAL DRAWING SHEET
FOR RETAINING WALL DETAIL FOR FTG.
ADDENDUM #1: BASEMENT RETAINING WALL DETAIL

8" CMU

4'-6" x 4'-6" x 12"
FTG W/ (6) #4 BARS E/W

#1 6X8

#1 6X8

SELECT
STRUCTURAL 6X8

4" CONCRETE SLAB

A

- NOTES:
1. ASSUMED SOIL BEARING PRESSURE OF 1500 P.S.F.
 2. ALL CONCRETE TO BEAR ON FIRM, NATURAL, UNDISTURBED SOIL
 3. CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS TO BE 2500 PSI
 4. EXTEND FOOTINGS BELOW FROST LINE, (18" MIN. INTO NATURAL SOIL. FOOTINGS TO BE 7" THICK AND 15" WIDE. ALL FOUNDATION WALLS TO BE 8" WIDE AND 24" ± HIGH UNLESS OTHERWISE NOTED
 5. THE GRADE AWAY FROM THE FOUNDATION WALLS TO FALL A MIN. OF 6" WITHIN THE FIRST 10 FEET
 6. ALL REBAR SPECIFICATIONS IN SECTION DETAILS
 7. PROVIDE 1/2"x10" J-BOLTS @ 48" TYP. O.C.
 - MIN. OF 2 PER PLATE AND W/IN 12" OF ANY CORNER

PROJECT NO:	103365
FILE NO:	FOUNDATION
REV. NO:	1
SHEET NO:	FD01

DATE DRAWN:	7/9/2013
DRAWN BY:	KM
CHECKED BY:	KM
SCALE:	AS SHOWN

Sheet Title: FOUNDATION PLAN & DETAILS

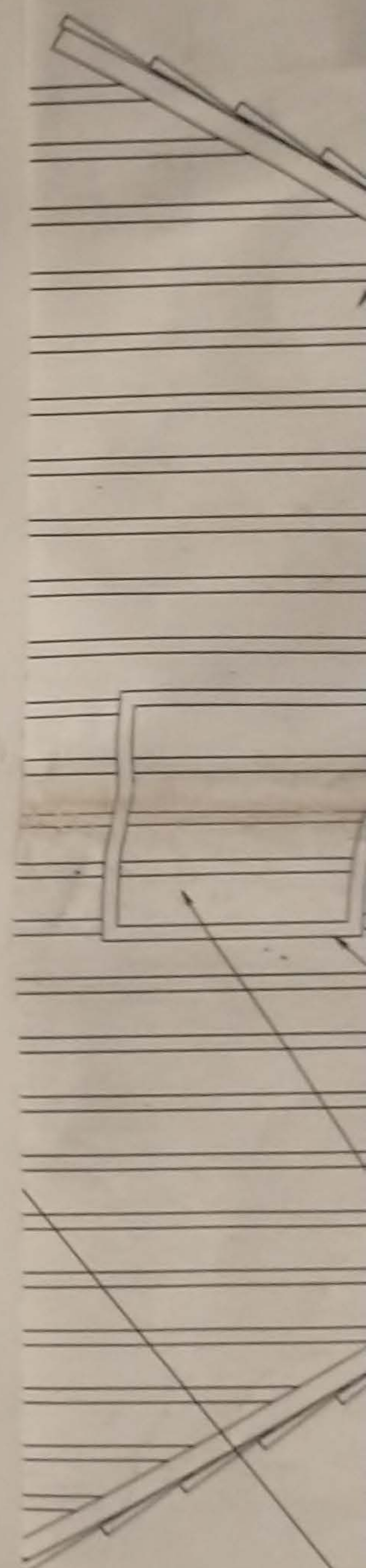
Client: LLOYD AND ELLEN VAN ANTWERP
31527 STOLTZ HILL ROAD, LEBANON, OR 97355

REV.	REVISION	REMARKS	DATE

CAOP Connection LLC
7011 VON ST. SE
ALBANY, OR 97321
PH: (541) 967-7954
FAX: (541) 926-8571

Stamp

60'-8-0"

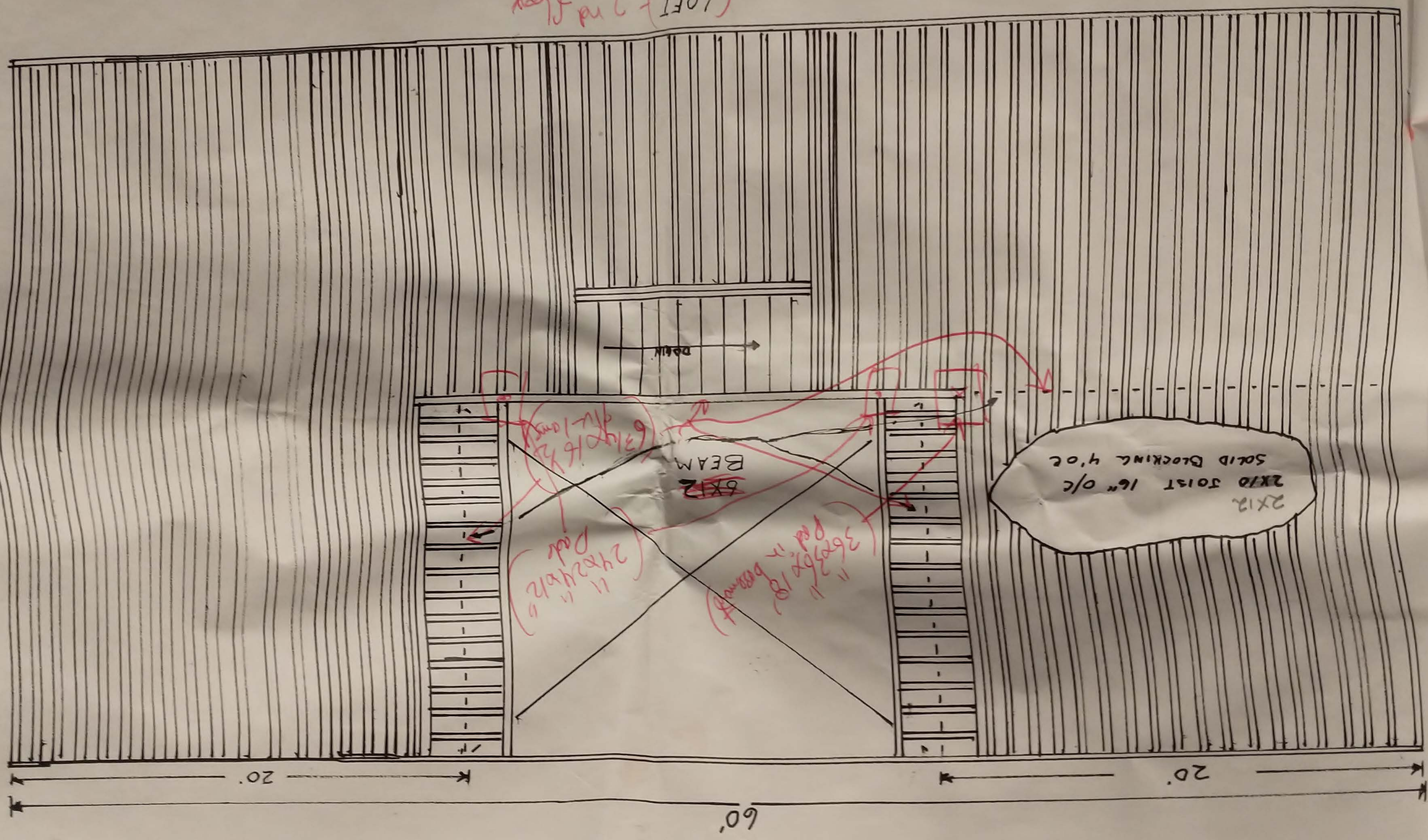


DOOR TRACK RAIL
BEYOND 1X4 TRIM

LEGE

X-SE

DETA



DOOR TRACK RAIL
BEYOND 1X4 TRIM

16" O.C.

DOOR TRACK RAIL
BEYOND 1X4 TRIM

(BARN PLANS - 32'-0" SCISSOR)

Top chord 2x6 DF-L #2
Bot chord 2x4 DF-L #2
Webs 2x4 DF-L #2

SPECIAL LOADS
DUR. FAC. = 1.15 / PLATE DUR. FAC. = 1.15
TC - From 39 PLF at -1.00 to 39 PLF at 5.17
TC - From 66 PLF at 5.17 to 66 PLF at 16.00
TC - From 66 PLF at 16.00 to 66 PLF at 26.83
TC - From 39 PLF at 26.83 to 39 PLF at 33.00
BC - From 31 PLF at 0.00 to 31 PLF at 11.28
BC - From 22 PLF at 11.28 to 22 PLF at 16.00
BC - From 22 PLF at 16.00 to 22 PLF at 25.17
BC - From 31 PLF at 25.17 to 31 PLF at 32.00

Wind reactions based on MFRS pressures.

** The maximum horizontal reaction is 805# **

105 mph wind, 15.56 ft mean hgt. ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP C, wind TC DL-4.2 psf, wind BC DL-5.0 psf.

Bottom chord checked for 10.00 psf non-concurrent live load. Deflection meets L/480 live and L/360 total load.

ATTACH 1/2" PLYND OR 7/16" OSB GUSSETS (APA RATED 32/36) TO EACH FACE WITH 6d NAILS (.099x2.0") AS DETAILED. INDICATES THE NUMBER OF 6d NAILS (.099x2.0") REQUIRED FROM EACH FACE OF EACH MEMBER.



110'-0"
5'-6'-6" 5'-10'-6" 4'-7'-4" 4'-1'-4" 5'-10'-7" 5'-6'-5"
6'-11'-10" 4'-3'-13" 13'-1'-9" 6'-10'-0"
5'-2'-0" 10'-10'-0" 4'-8'-9" 10'-10'-0" 6'-10'-0"
11'-3'-7" 9'-1'-0"
32'-0'-0" Over 2 Supports
R=1398 U=404 W=3.5"
Rh=806 RL=516/-294
R=1382 U=404 W=3.5"
Rh=806 RL=289/-512

Design Crit: CUSTOM/TPI-2001(STD)
FT/RT=20X10X14(0)

8.07.00.1218.13

QTY: 1 OR-/L/-/R/-

Scale = 1/25" = 1'-0"

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION. MANUFACTURING, SUPPLYING, INSTALLING AND MAINTAINING TRUSSES IS A SPECIALTY. REFER TO AISC 1-87 BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. (AISC), 500 N. MICHIGAN, CHICAGO, IL 60610. FOR SAFETY PRACTICES PRIOR TO REPAIRING THESE STRUCTURES. TRUSSES ARE PROPERLY ATTACHED TO RIGID CEILING.

Tynell Engineering

OVERALL DIMENSIONS: ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. THIS TRUSS SYSTEM IS THE PROPERTY OF THE DESIGNER. NO PART OF THIS DOCUMENT FOR ANY BUILDING IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT PERMISSION IN WRITING FROM TYNELL ENGINEERING.



TC LL	25.0 PSF	REF R001-- 80
TC DL	7.0 PSF	DATE 08/09/10
BC DL	10.0 PSF	DRW WAGHORN 10/20/01
BC LL	0.0 PSF	MA-ENG 07/07
TOT. LD.	42.0 PSF	REV
DUR. FAC.	1.15	
SPACING	24.0"	JREF - 102MOOL 201

Van Antwerp

SIDING
ATTEN @ 16"

DETA

LEGE
X-SE

BUILDING NOTE

BUILDING NOTE:

THE LENGTH OF THE BARN MAY BE EXTENDED BEYOND THE PLANE DIMENSIONS OF THE LOFT AREA ONLY BY THE LENGTH AND WIDTH OF THE STUD DETAIL. THE LENGTH AND WIDTH OF THE STUD DETAIL IN EITHER END OF THE BARN IS REVERSIBLE. THE CHAIRLIFT STUD DETAIL AND LOFT JOIST PLAN ARE AVAILABLE FROM BARNPLANS, INC.

[illegible]

SL. NO.	DESCRIPTION
1	FIRST & 2ND EXTERIOR ELEVATIONS, ROOFING, NOTES, LEGEND
2	FOUNDATION AND 1ST FLOOR PLAN
3	FRONT ELEVATION DETAIL, WALLS, DOORS, ROOFING, WALL, NOTES
4	FRONT & 2ND STRUCTURAL ELEVATIONS, ROOF & RAFTER DETAILS, ROOFING DETAILS, 1ST FLOOR ELEVATIONS
5	STAIR CROSS SECTION, 1ST STAIR PLAN, WALL & DOOR SECTIONS
6	1ST WALLING ELEVATIONS, STAIR RAIL ELEVATIONS, WALL SECTIONS, NOTES

LIVING AREA: 14
GROUND FLOOR: 14
LOFT: 540 SF

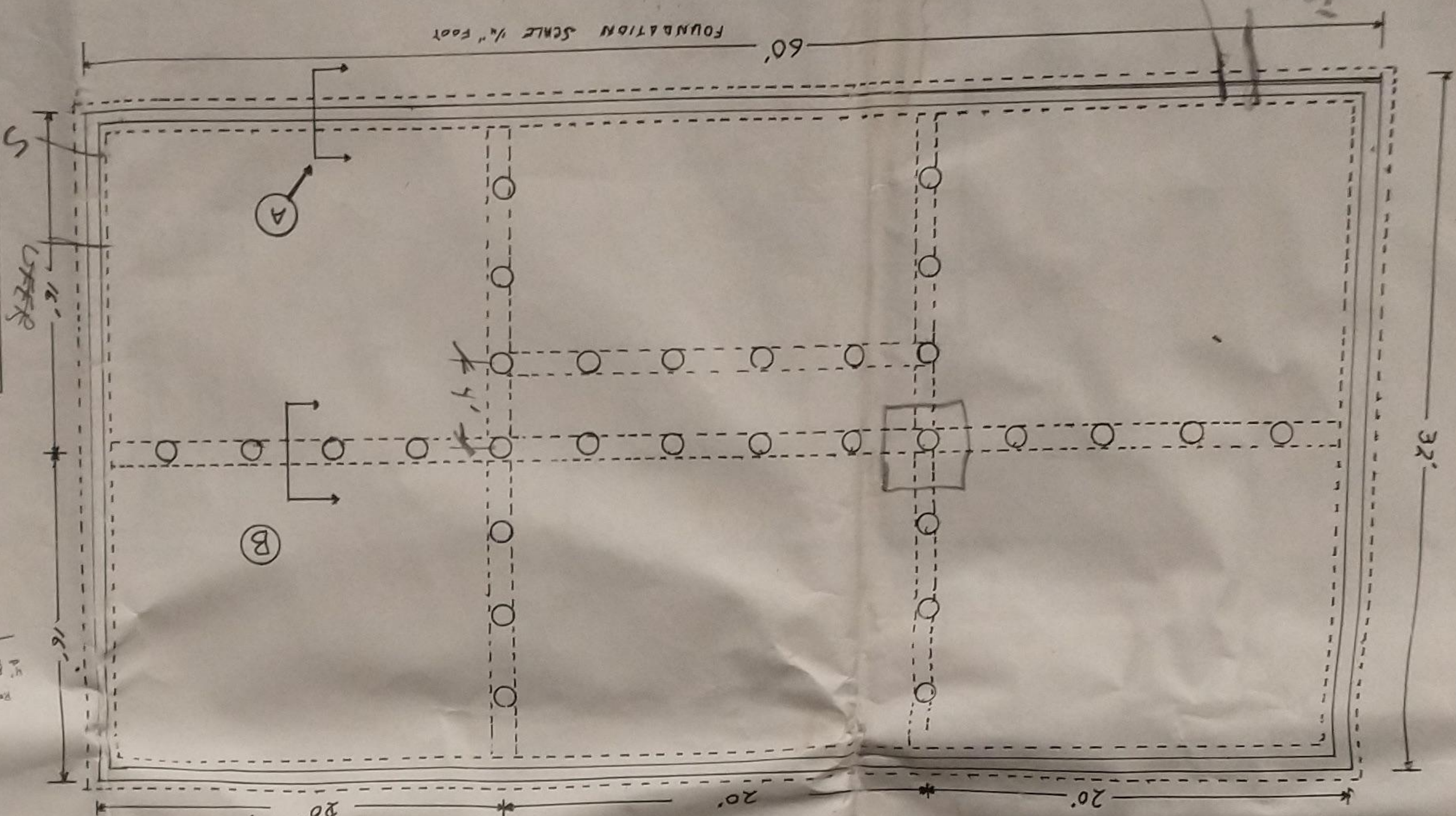
BUILDING NOTE

[illegible][illegible]

Barnplans

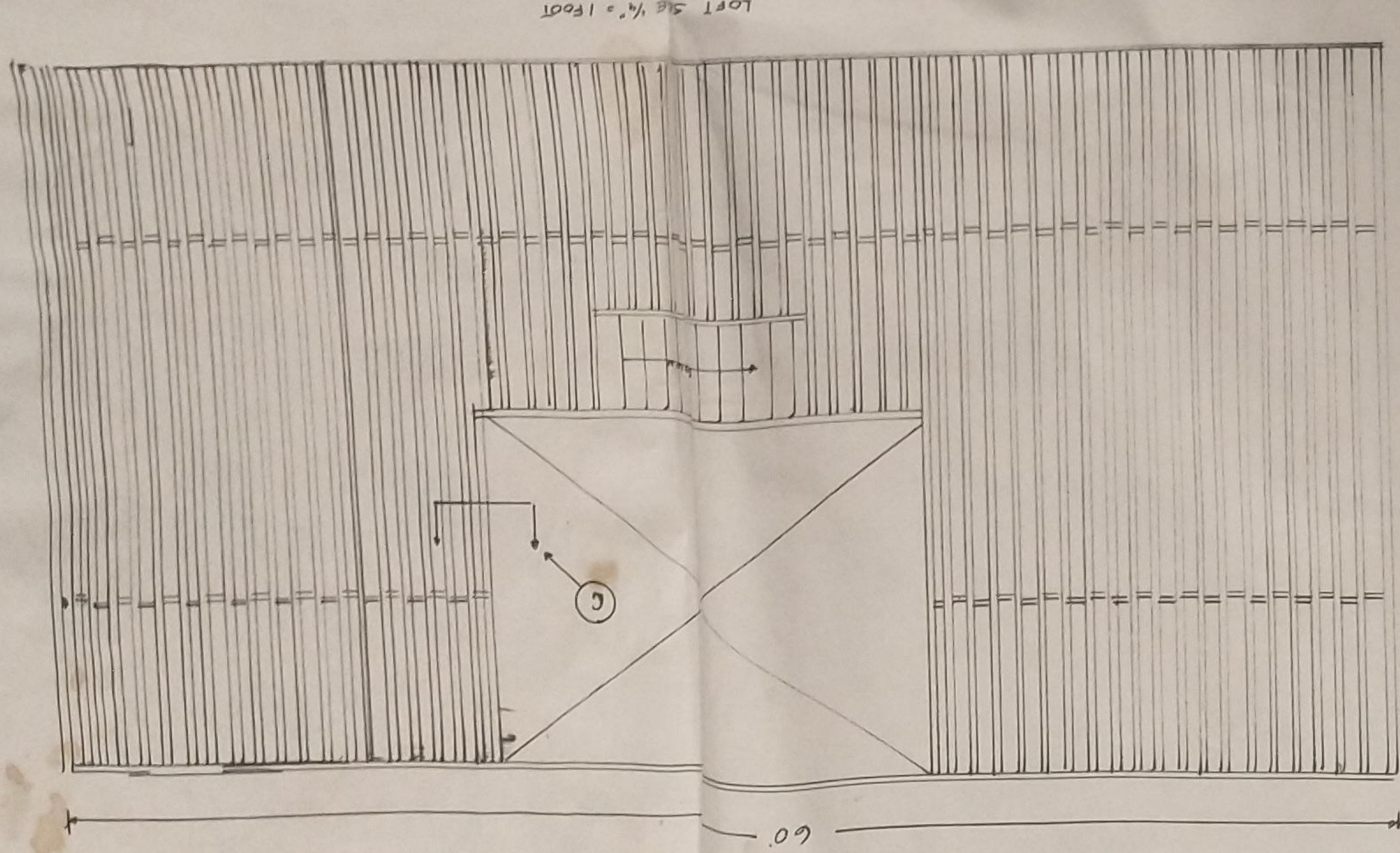
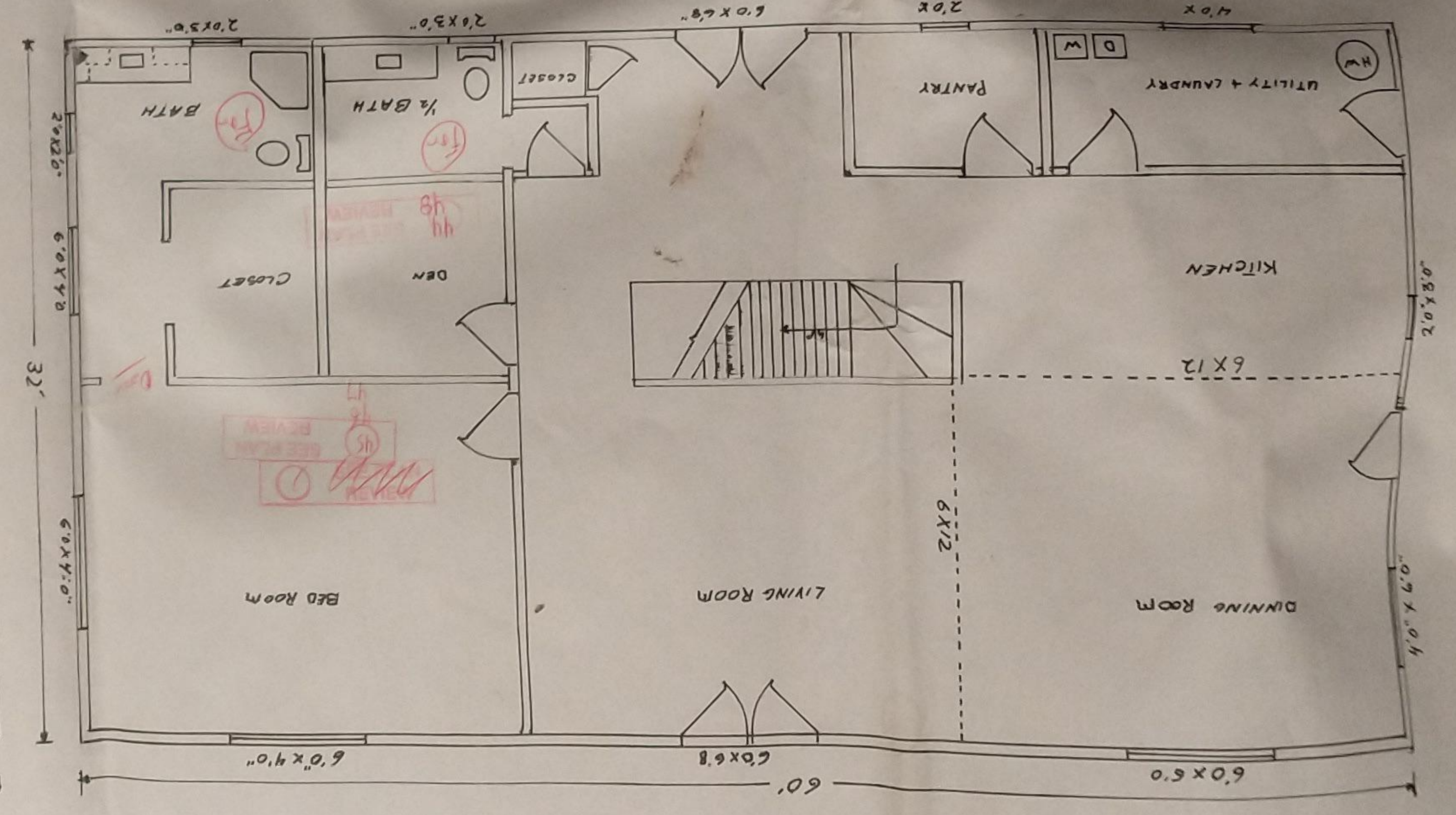
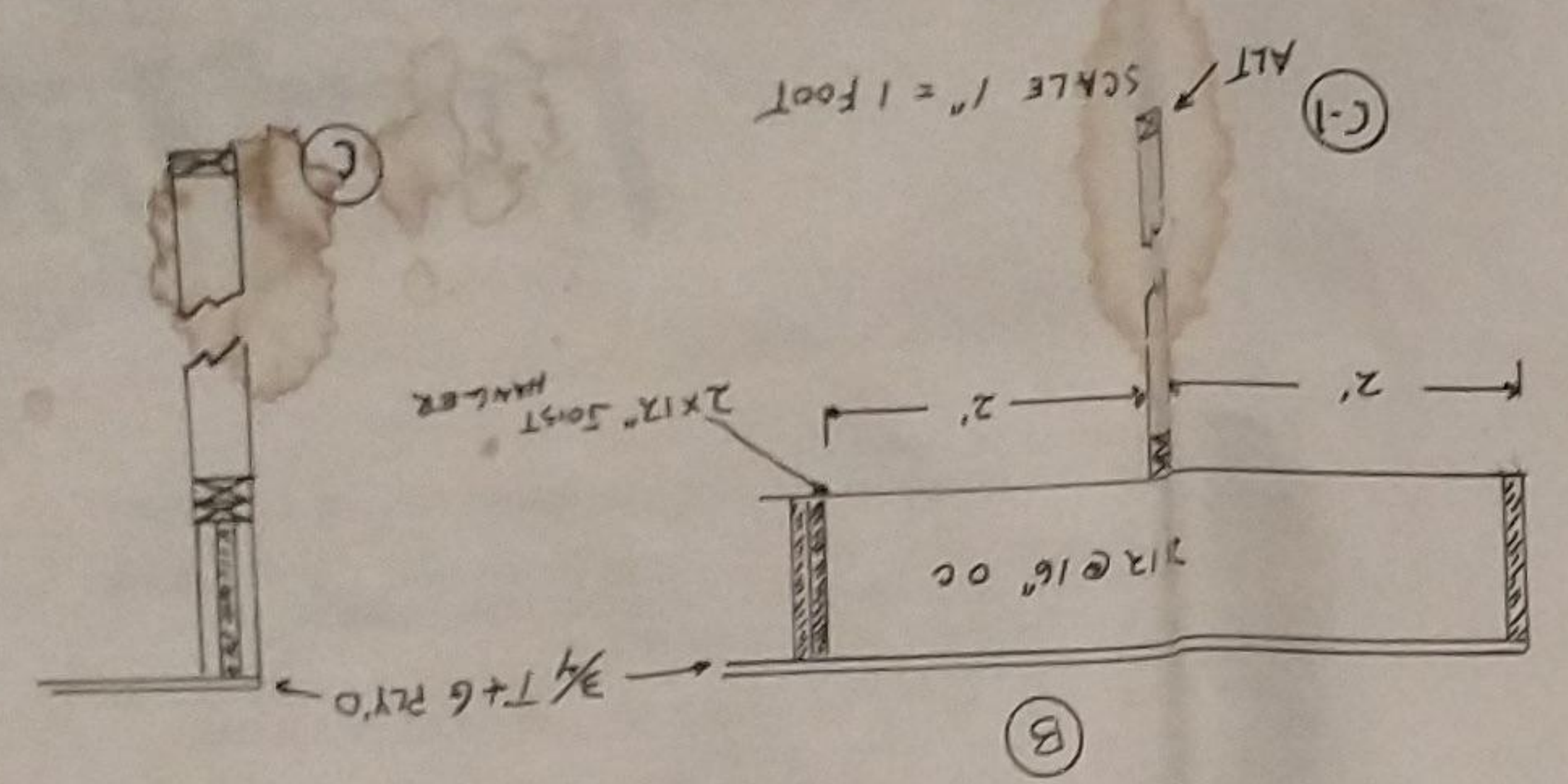
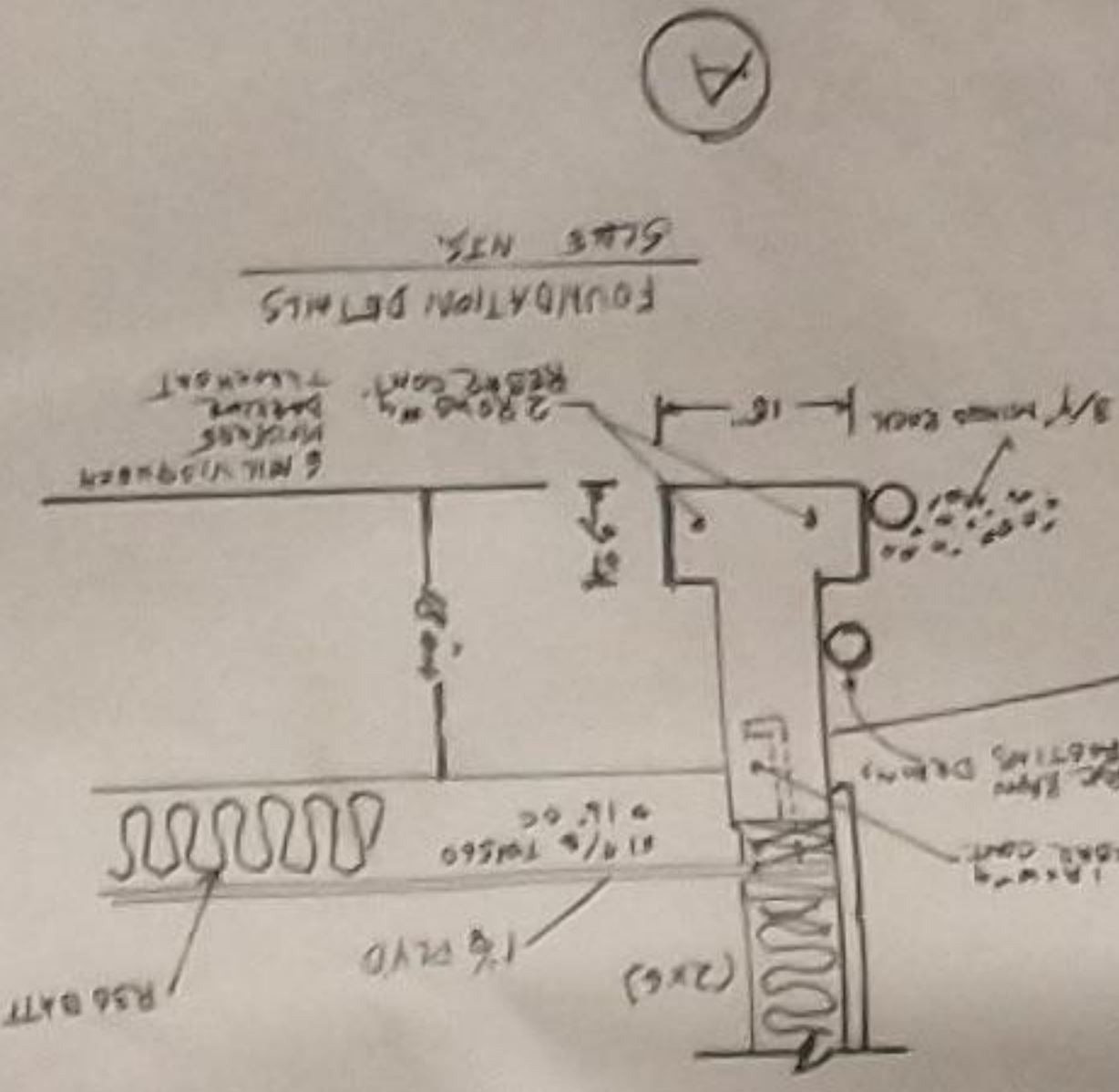
GAMBREL BARN HOUSE

1
SHEET 1 OF 6



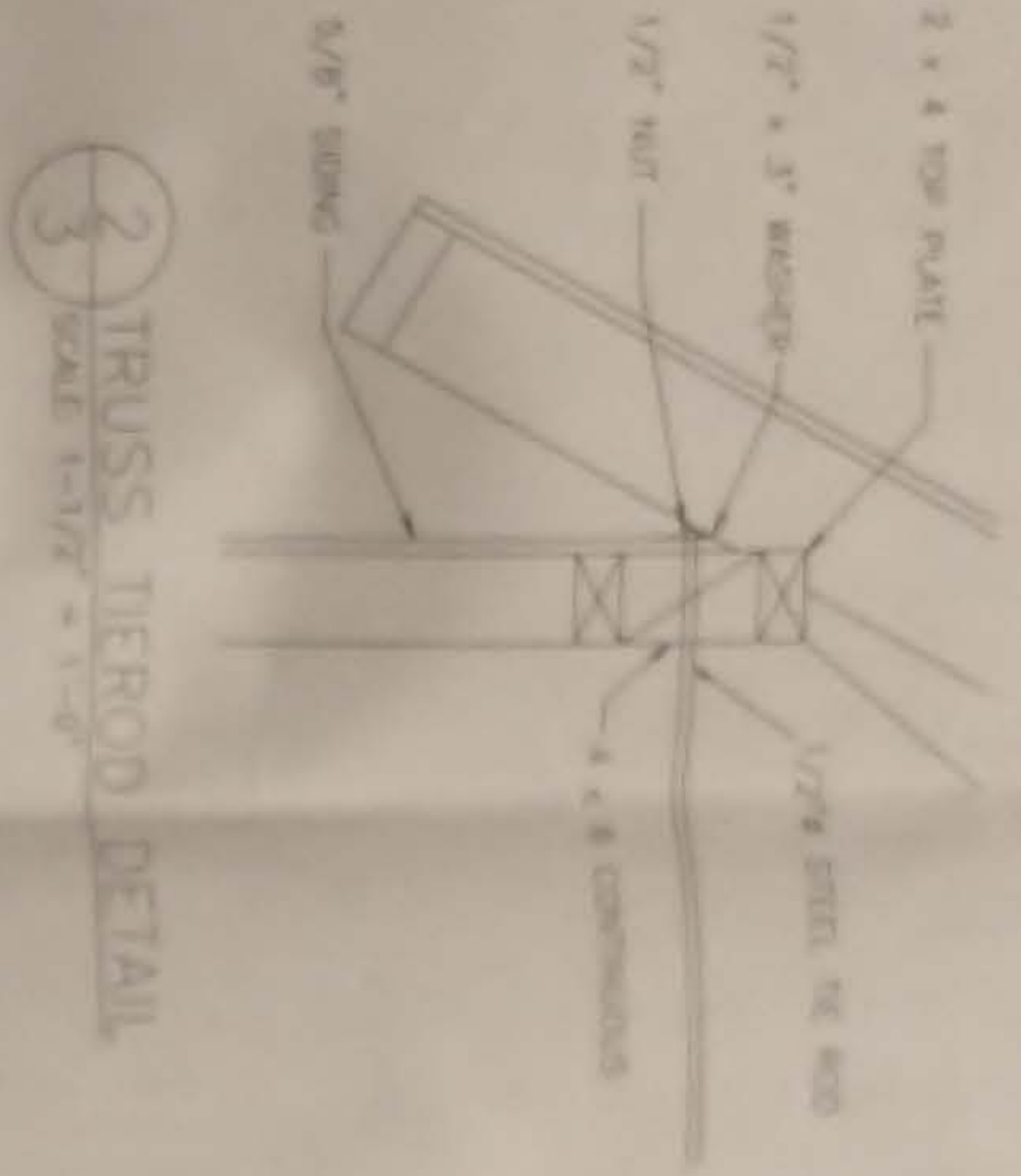
NOTES

1. FOUNDATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
2. ALL CONCRETE SHALL BE PLACED IN ONE RISE.
3. ALL CONCRETE SHALL BE CURED FOR A MINIMUM OF 7 DAYS.
4. ALL CONCRETE SHALL BE TESTED FOR STRENGTH.
5. ALL CONCRETE SHALL BE PLACED IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
6. ALL CONCRETE SHALL BE CURED FOR A MINIMUM OF 7 DAYS.
7. ALL CONCRETE SHALL BE TESTED FOR STRENGTH.
8. ALL CONCRETE SHALL BE PLACED IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
9. ALL CONCRETE SHALL BE CURED FOR A MINIMUM OF 7 DAYS.
10. ALL CONCRETE SHALL BE TESTED FOR STRENGTH.

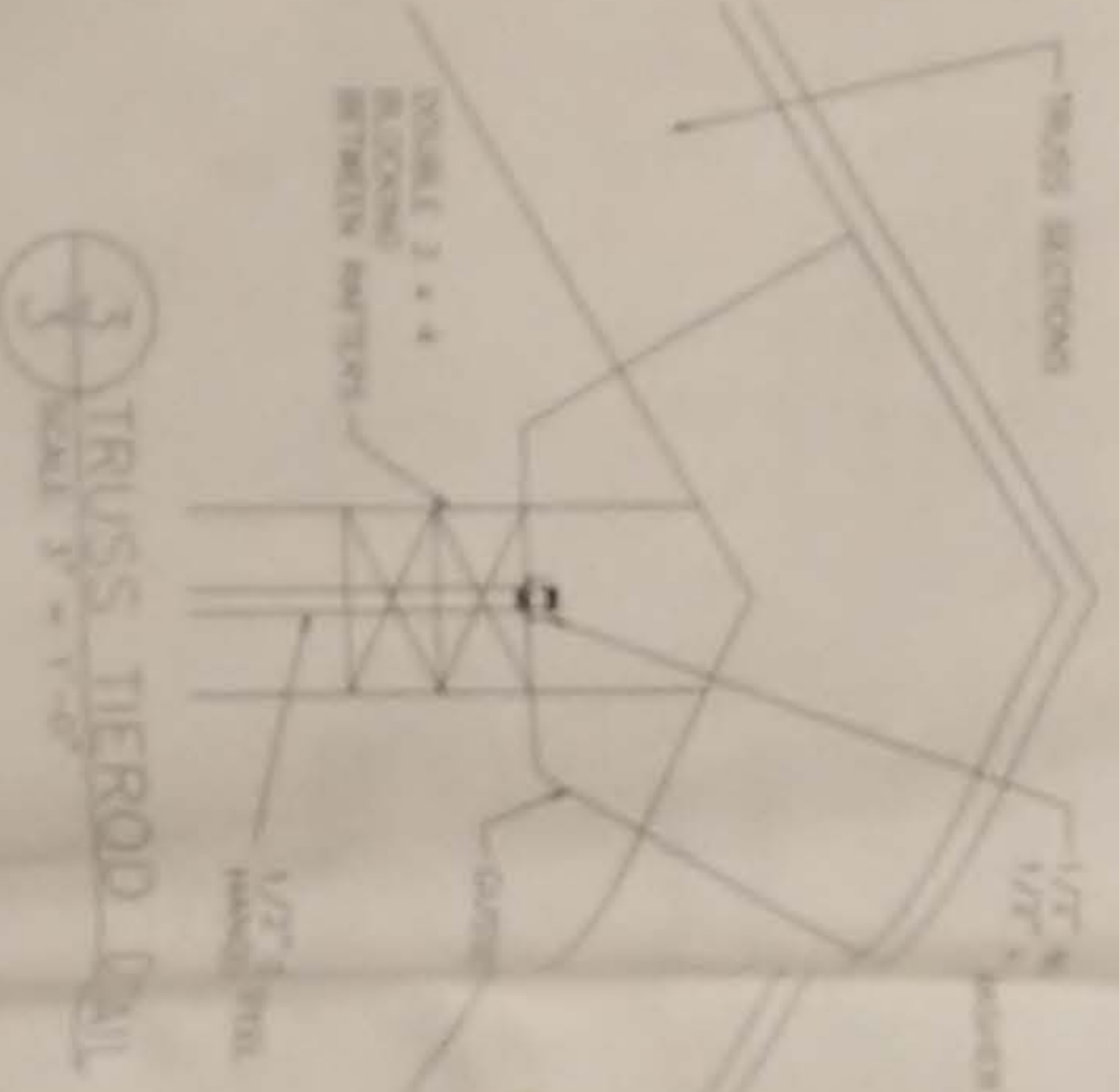




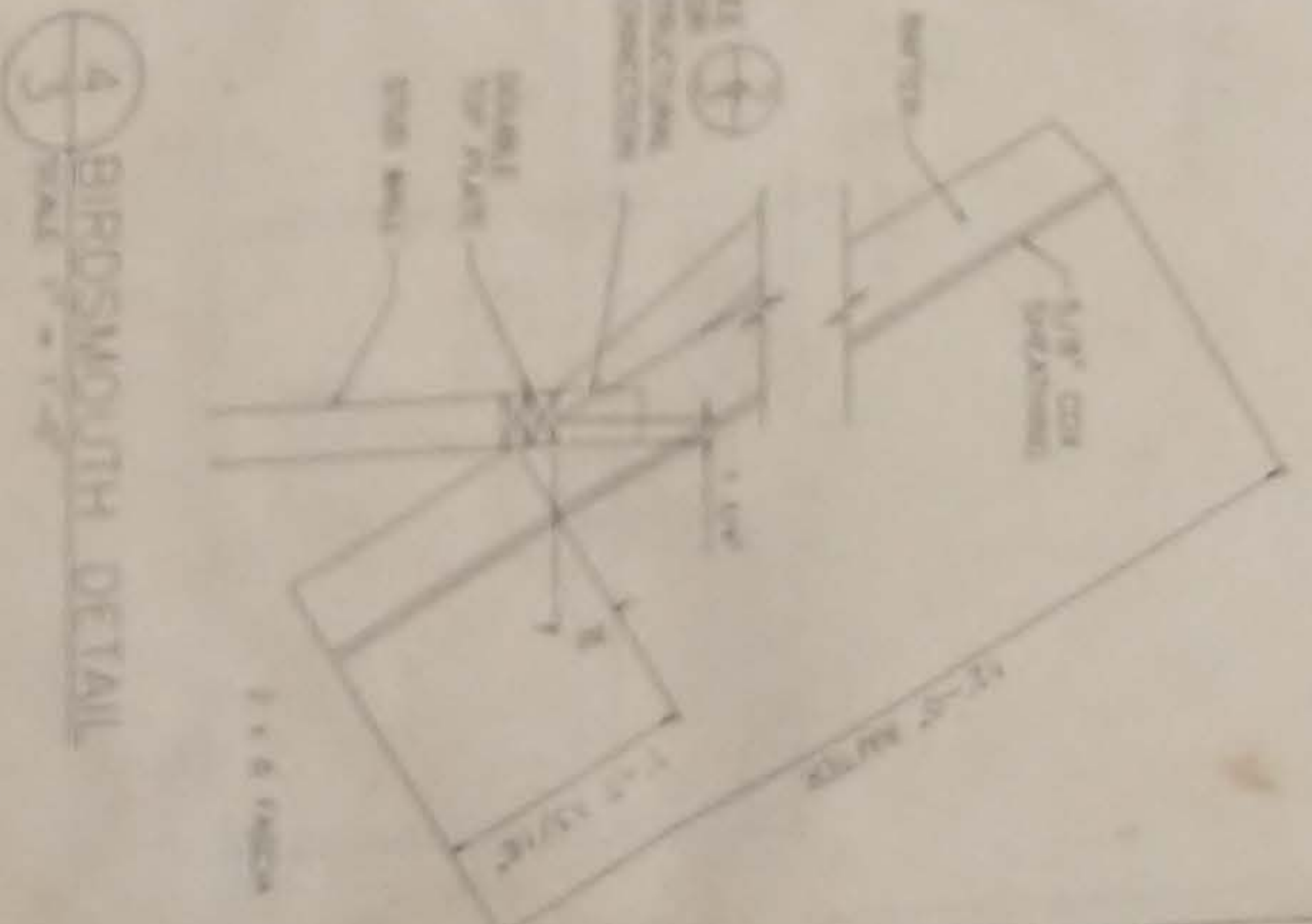
1 RAFTER LAYOUT DETAIL
SCALE 1/8" = 1'-0"



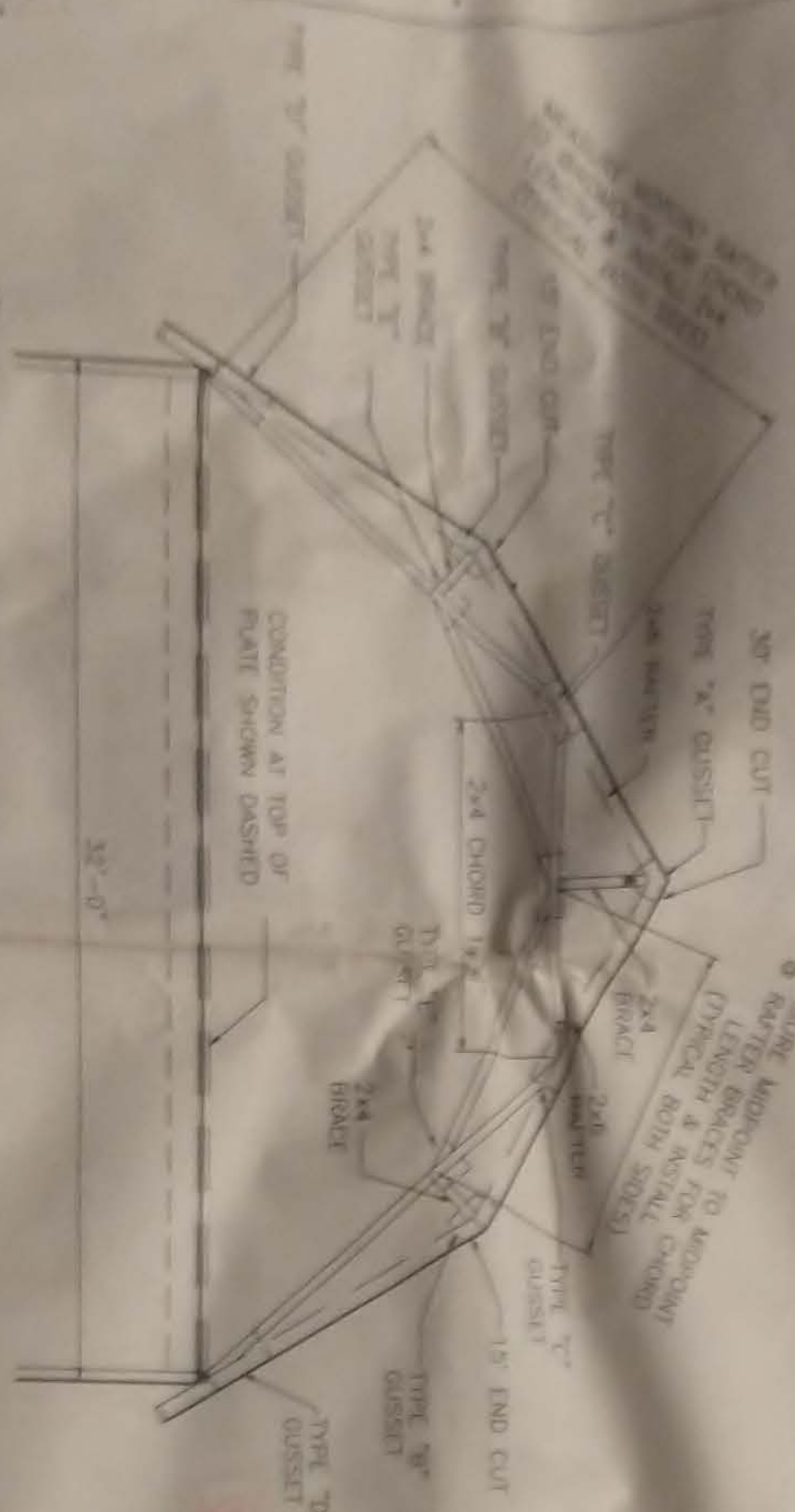
2 TRUSS TIERS DETAIL
SCALE 1/8" = 1'-0"



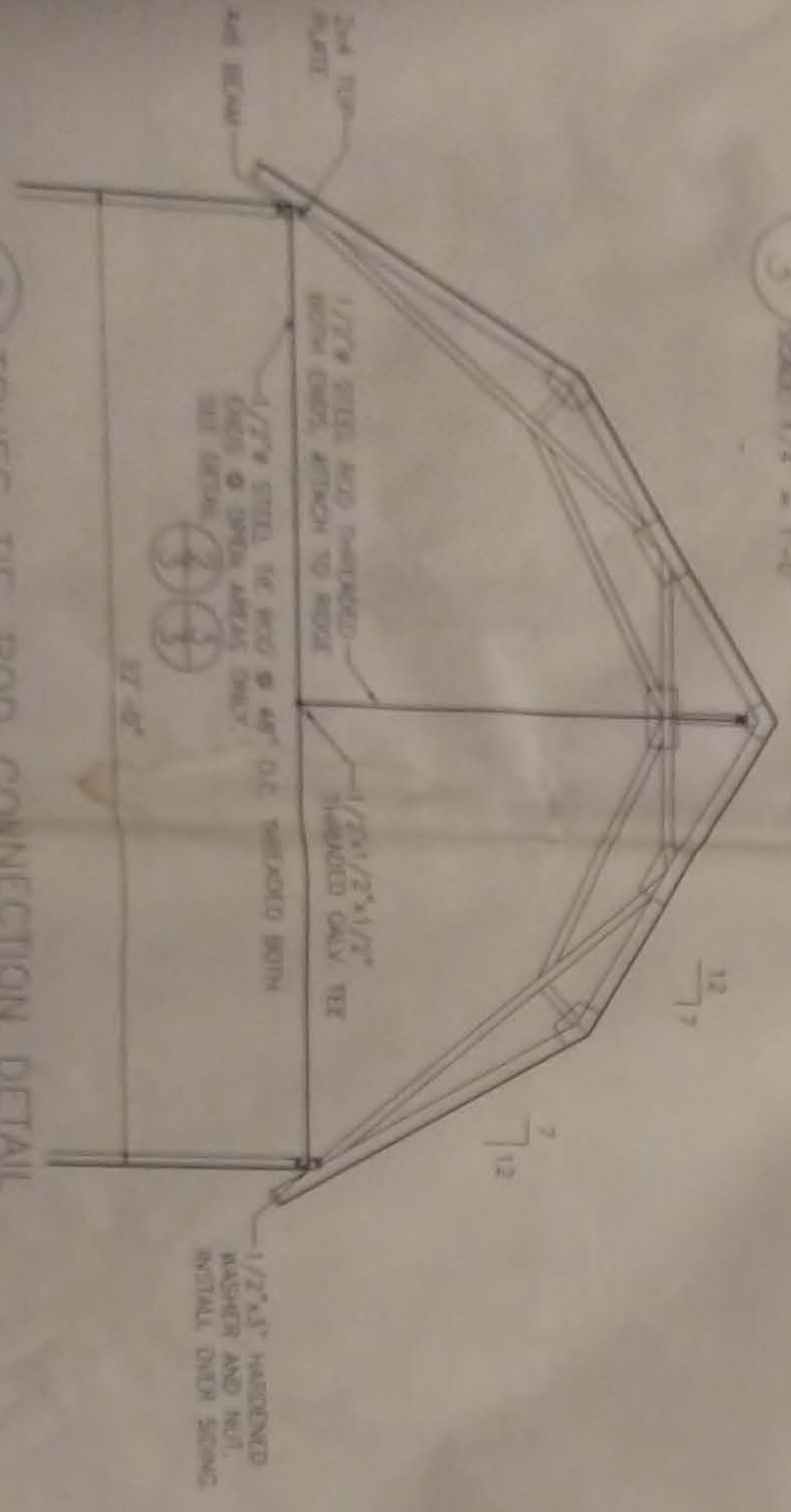
3 TRUSS TIERS DETAIL
SCALE 1/8" = 1'-0"



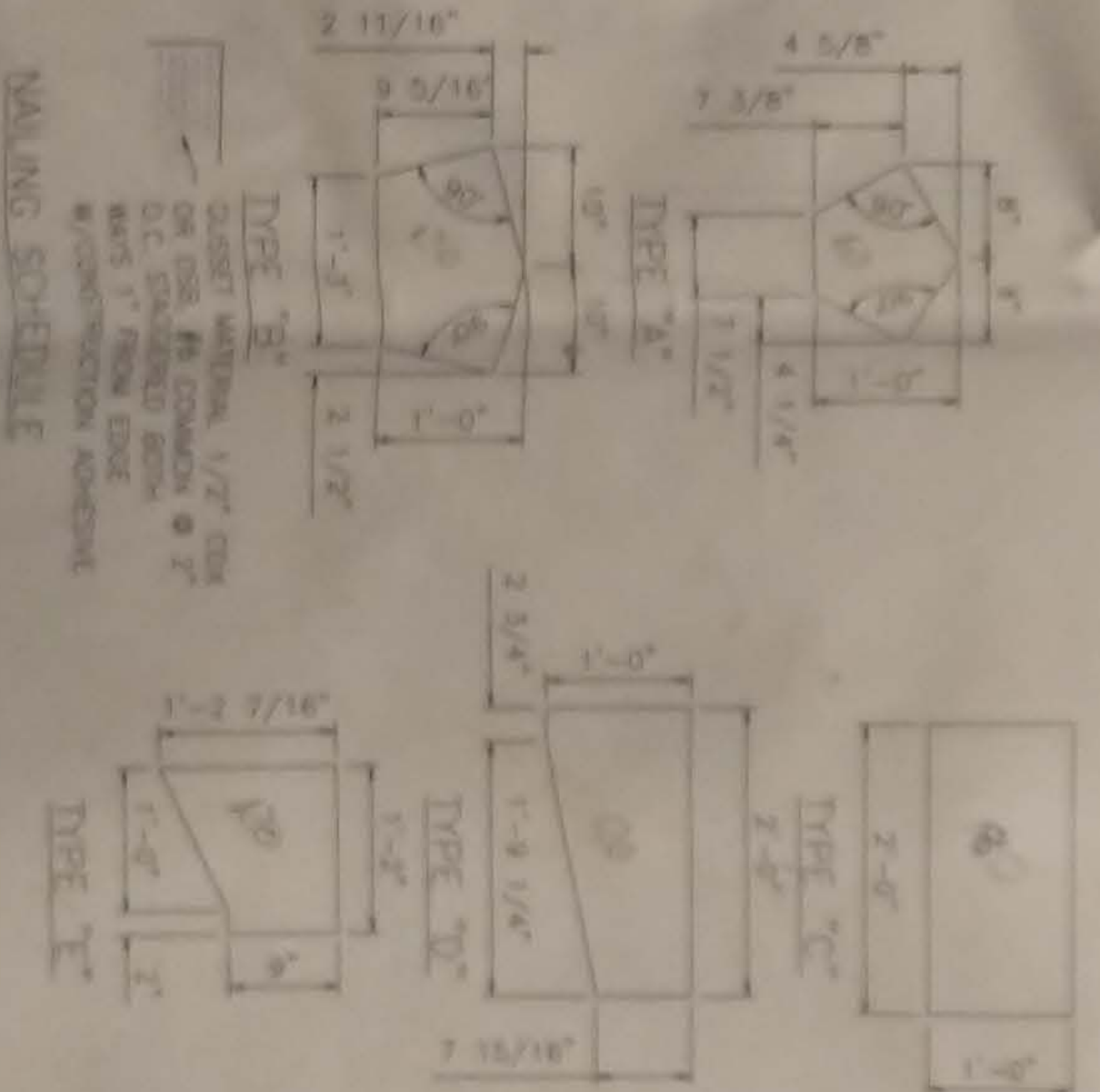
4 BIRDsmouth DETAIL
SCALE 1/8" = 1'-0"



5 TRUSS CONSTRUCTION DETAIL
SCALE 1/8" = 1'-0"

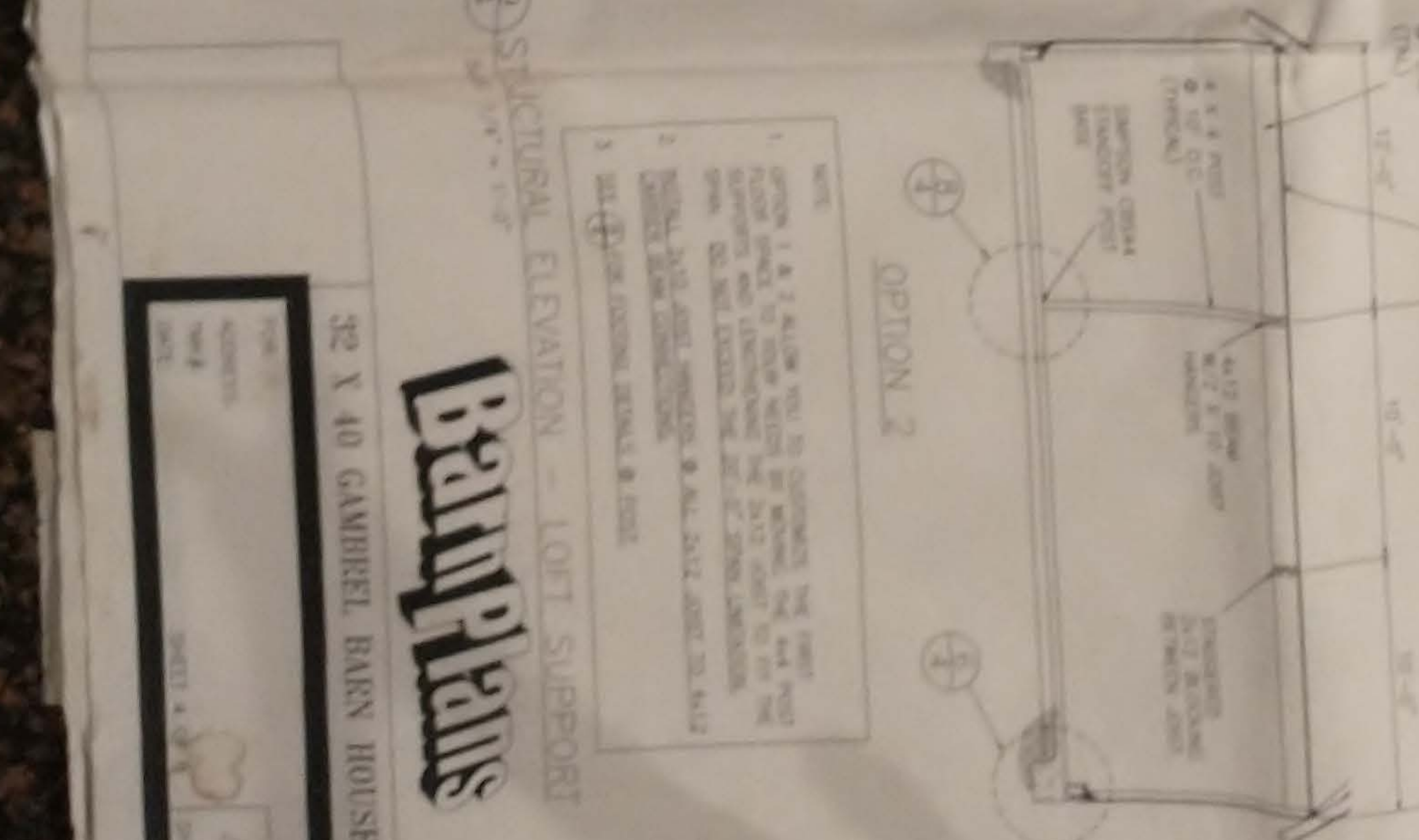


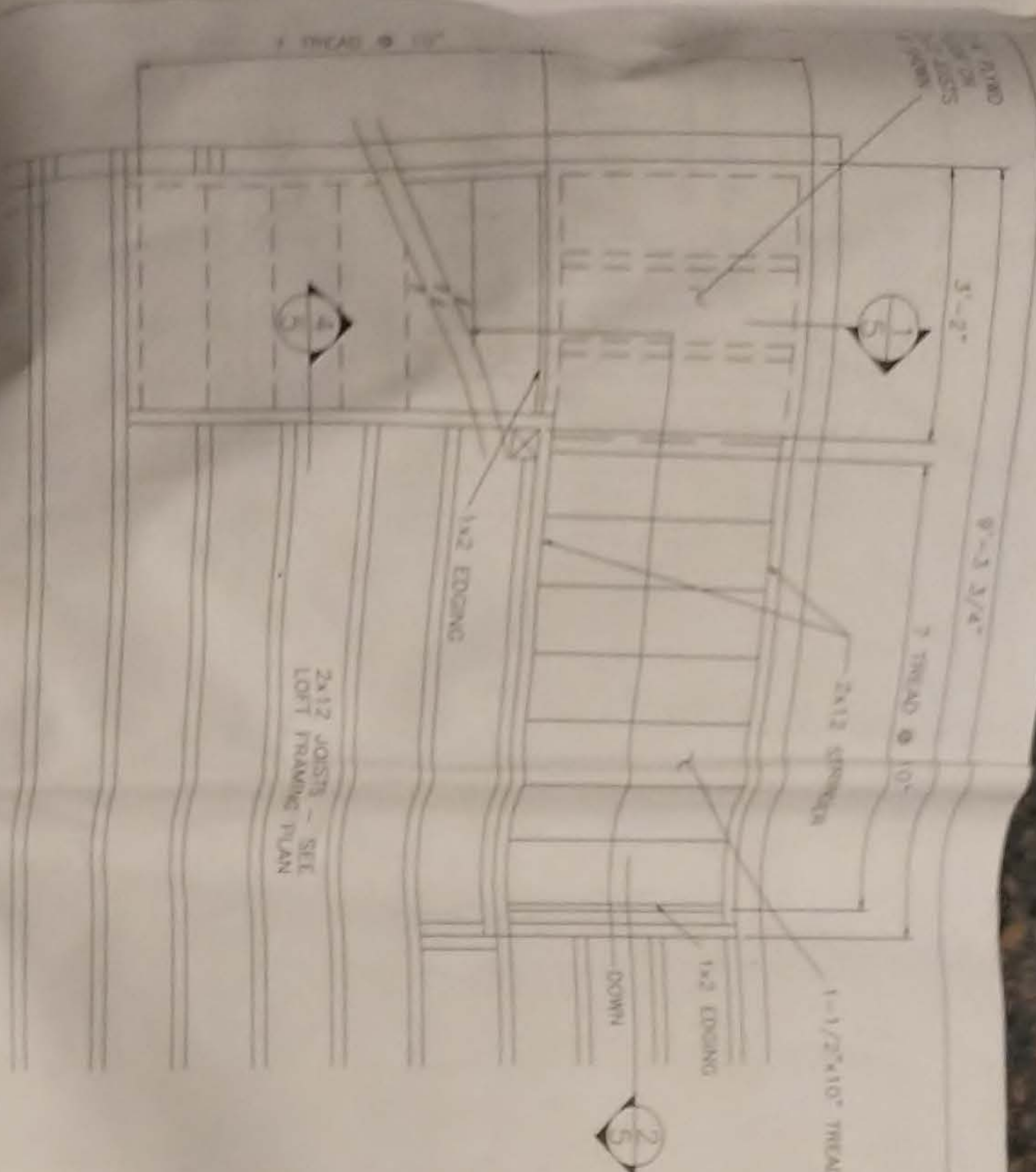
6 TRUSS TIE-ROD CONNECTION DETAIL
SCALE 1/8" = 1'-0"



7 GUSSET DETAIL
SCALE 1/8" = 1'-0"

32 X 40 GAMBRIL BARN HOUSE
SHEET 3 OF 4

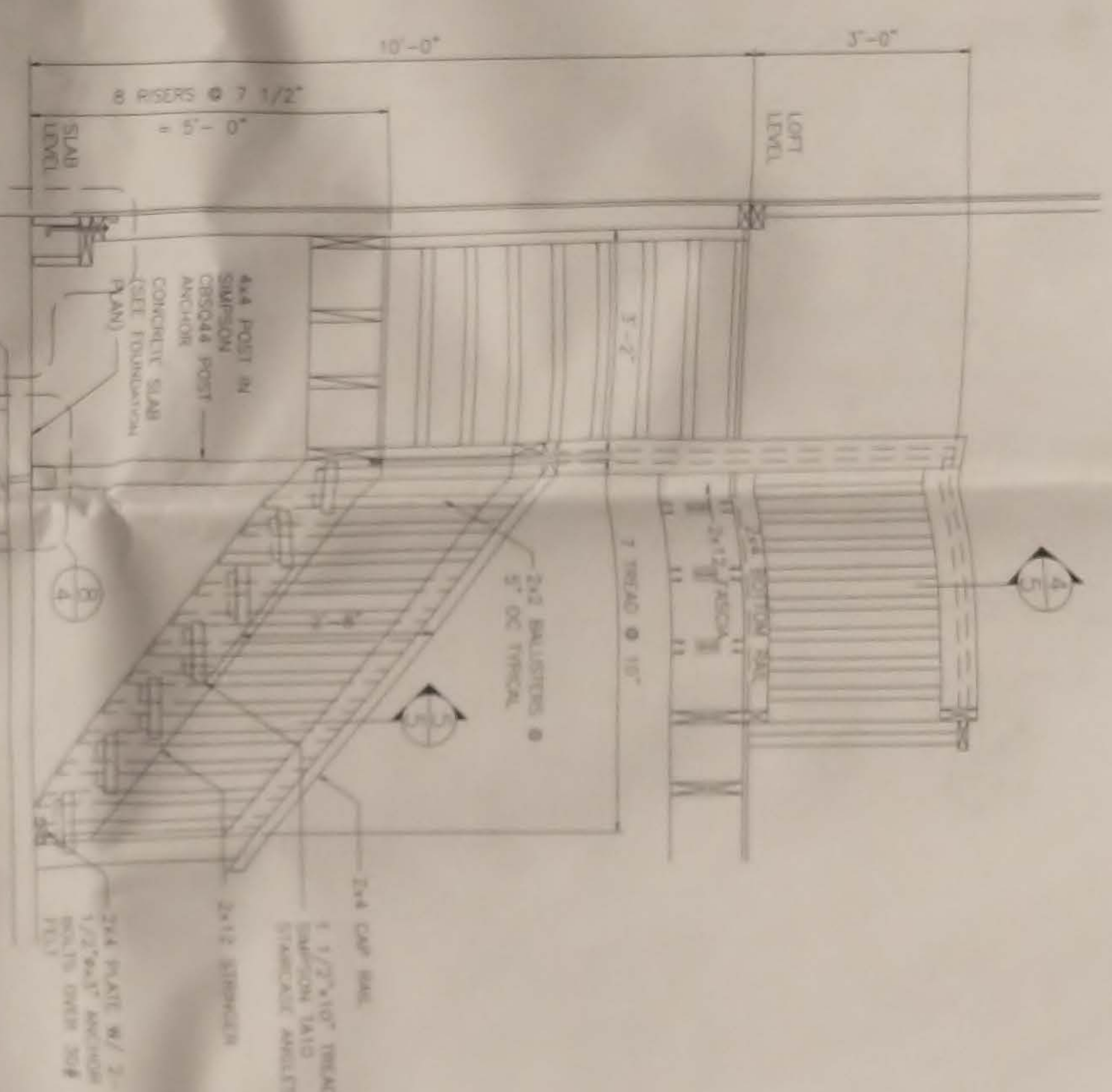




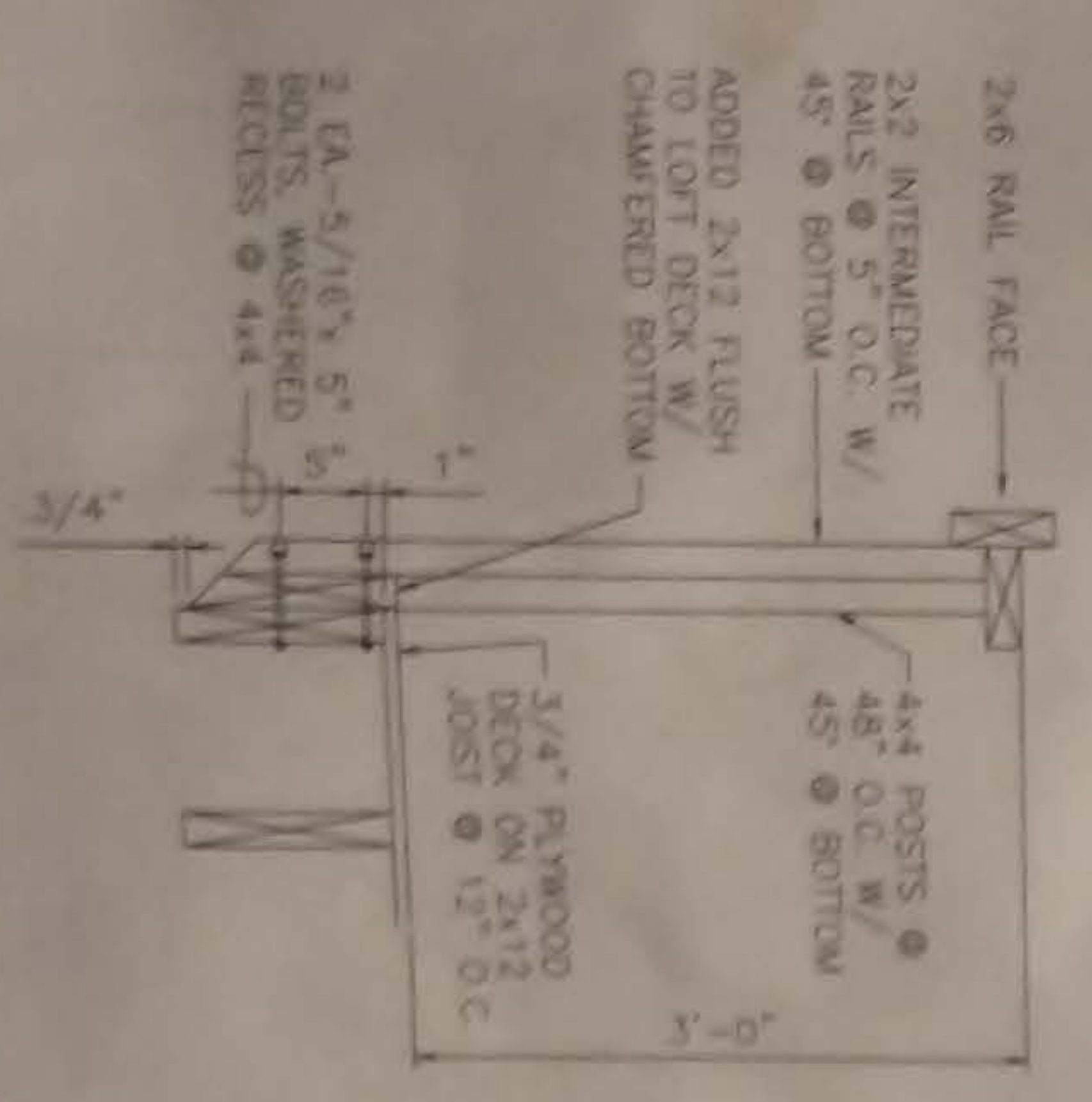
LOFT FLOOR DETAIL PLAN
SCALE 3/4" = 1'-0"



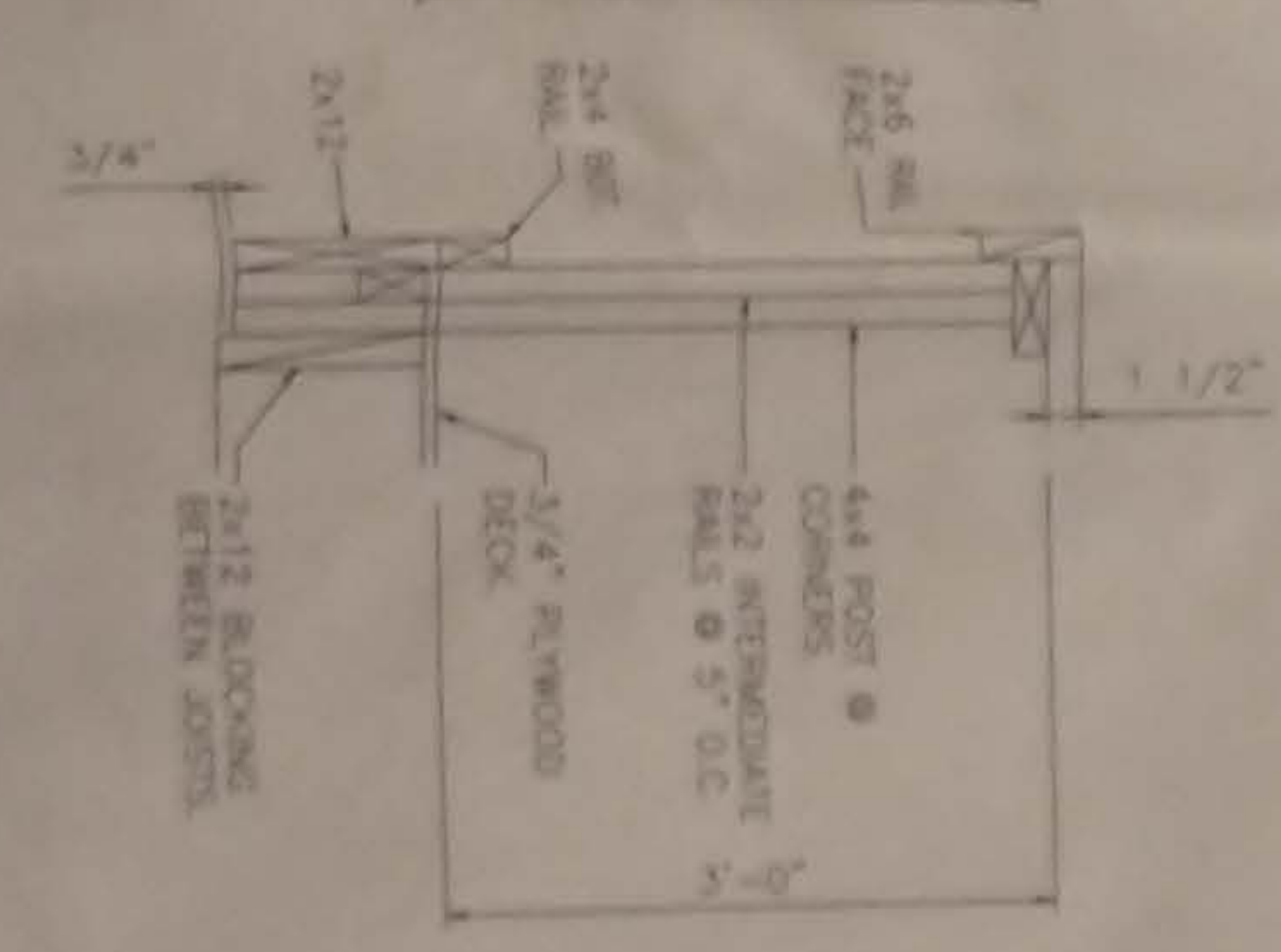
GROUND LEVEL DETAIL PLAN
SCALE 3/4" = 1'-0"



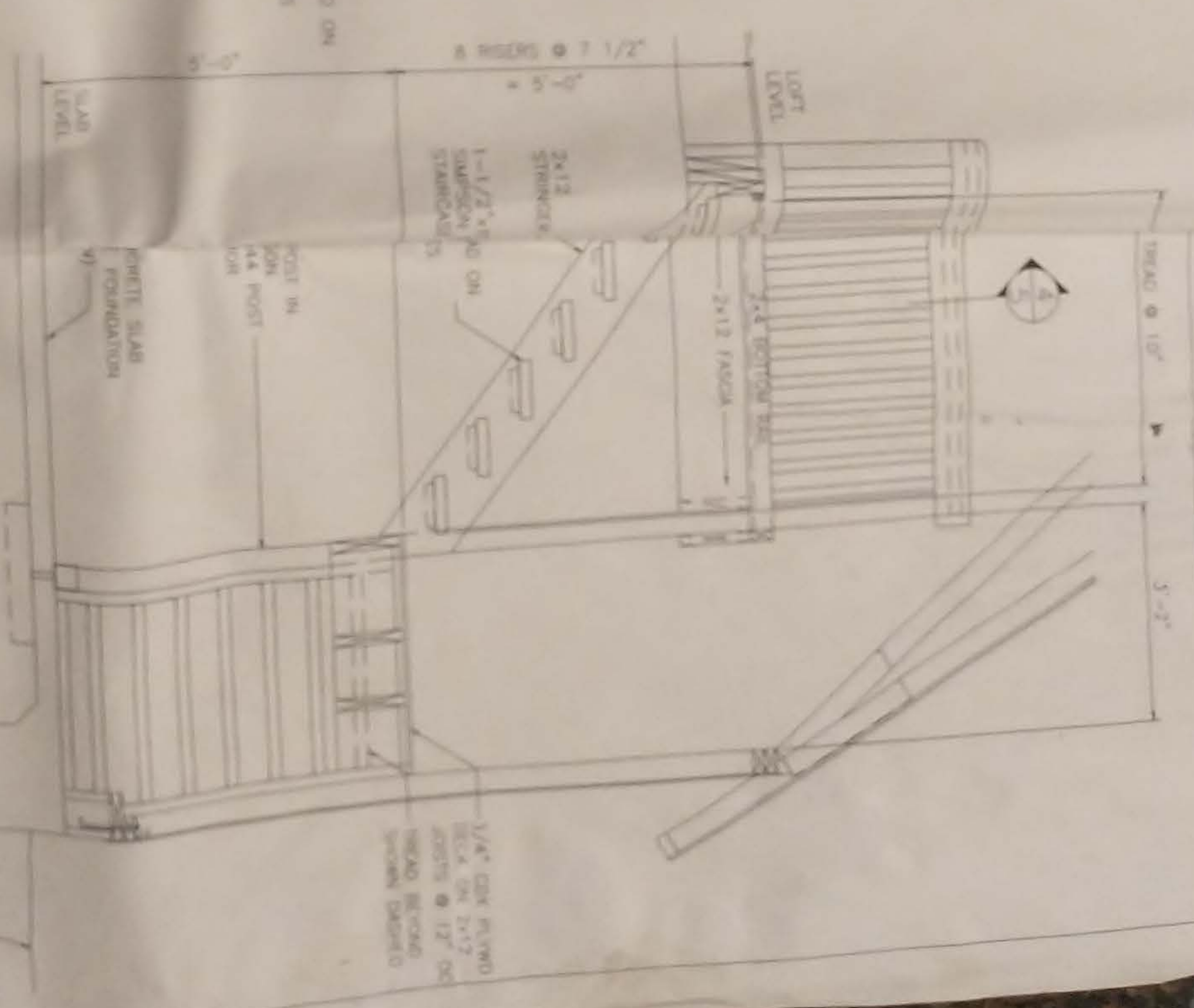
1 STAIR SECTION
SCALE 3/4" = 1'-0"



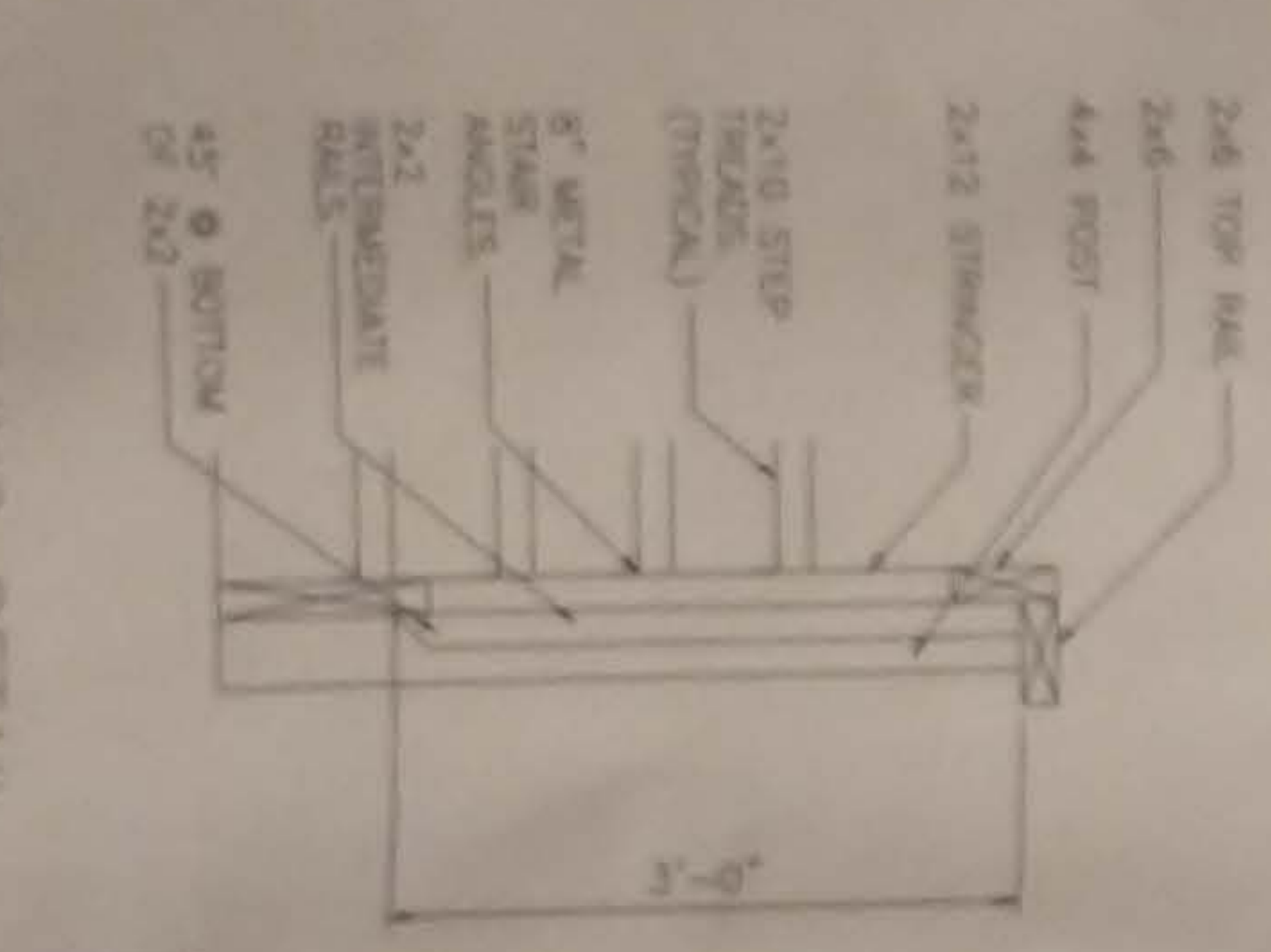
3 AT LOFT GUARDRAIL DETAIL
SCALE 1" = 1'-0"



4 AT LOFT/STAIR GUARDRAIL DETAIL
SCALE 1" = 1'-0"



2 STAIR SECTION
SCALE 3/4" = 1'-0"



5 AT STAIR RAILING DETAIL
SCALE 1" = 1'-0"

BarnPlans

32 X 40 GAMBLE BARN HOUSE

FIG.	5
DATE	
DESIGNED BY	
CHECKED BY	
DATE	
SHEET 5 OF 6	

Bump Plans

THIS SET OF PLANS IS FOR A 32 X 40 GARAGE BATH HOUSE. IT INCLUDES A FLOOR PLAN, A WALL SECTION, A WINDOW DETAIL, A DOOR DETAIL, AND A PARTIAL GARAGE ELEVATION. THE GARAGE IS 32 FEET WIDE BY 40 FEET DEEP. THE BATH IS 10 FEET WIDE BY 10 FEET DEEP. THE HOUSE IS 32 FEET WIDE BY 40 FEET DEEP.

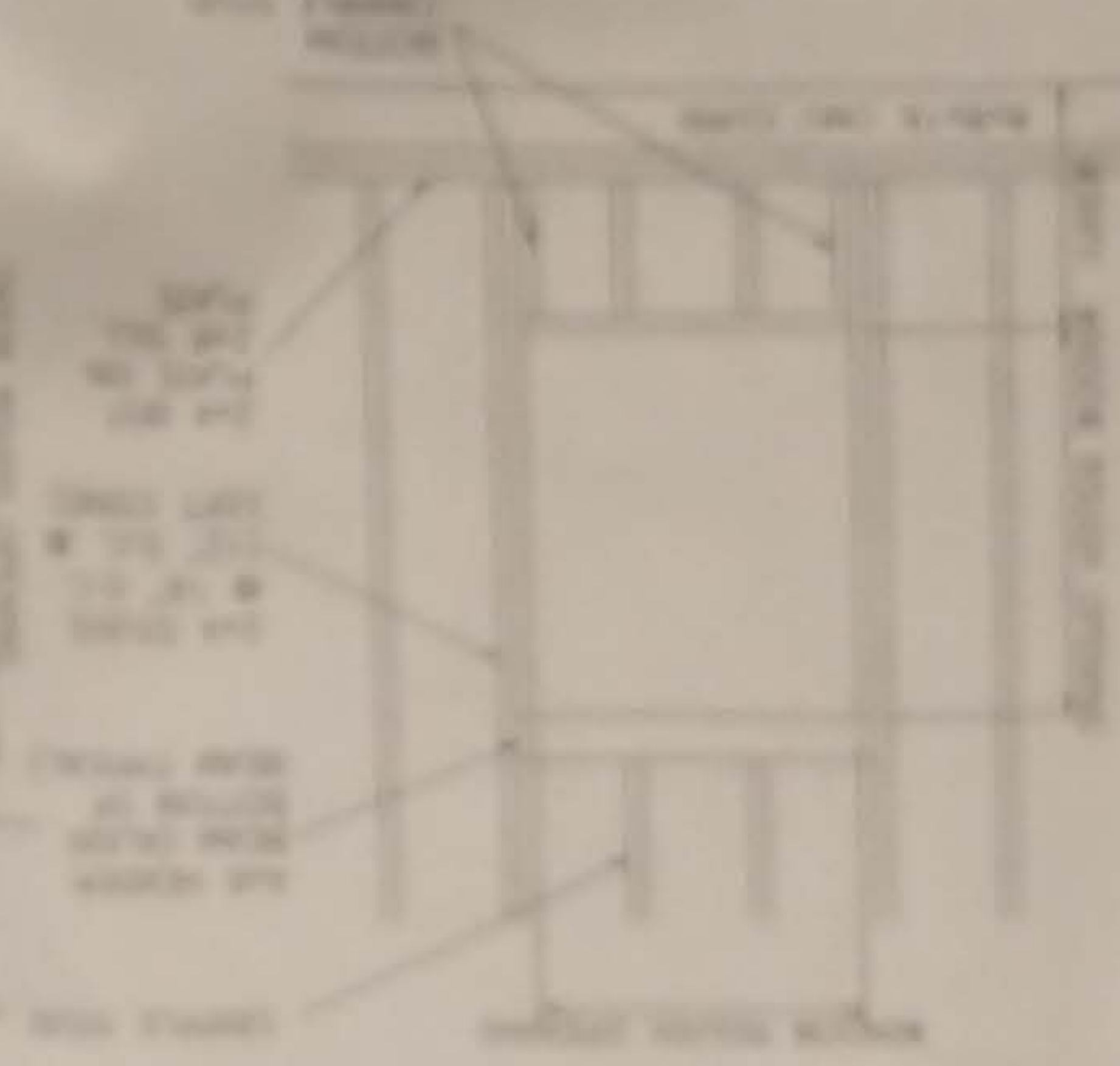
1 WALL SECTION
 1/2" = 1'-0"



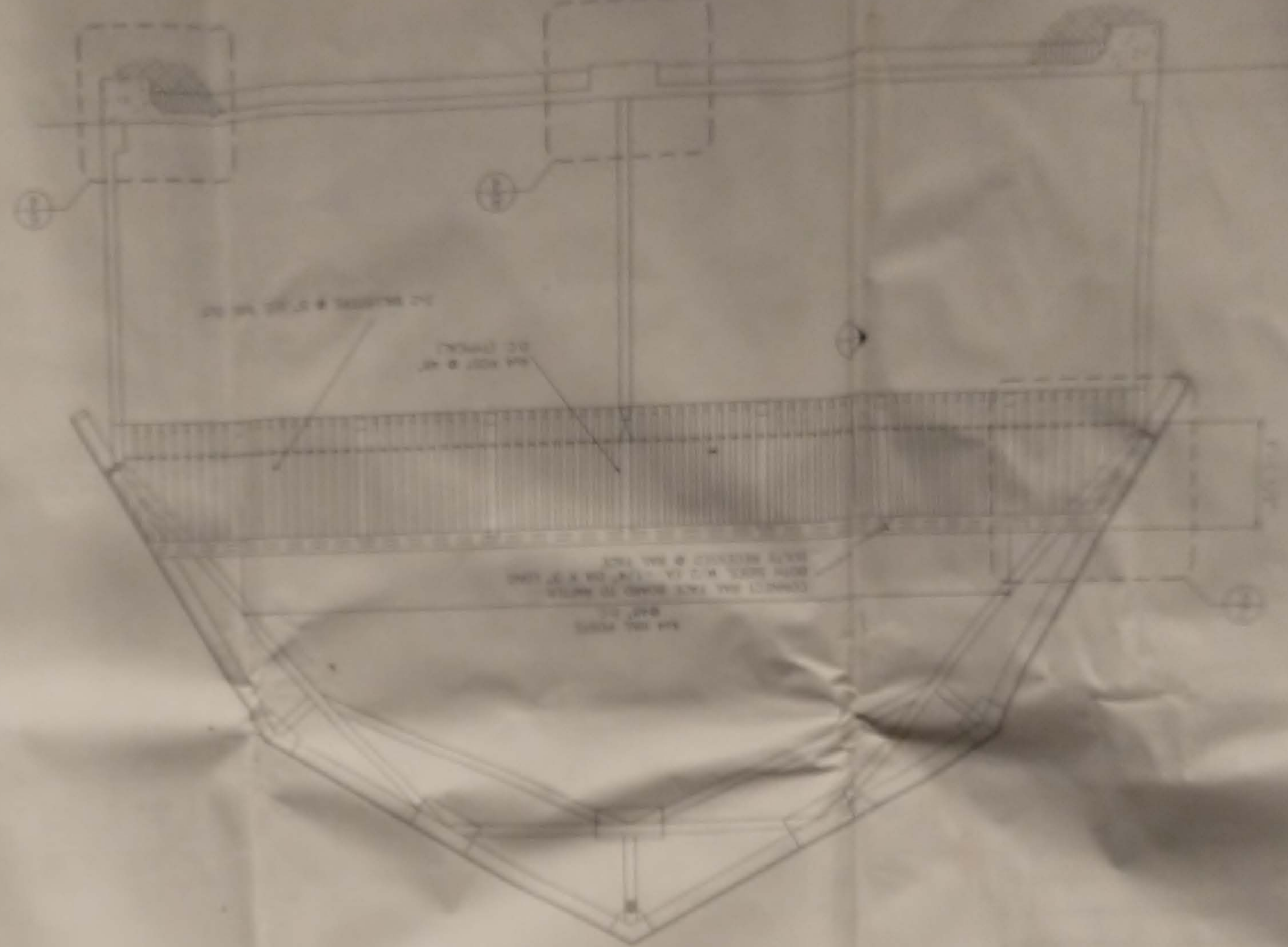
4 DOOR DETAIL
 1/4" = 1'-0"



5 WINDOW DETAIL
 1/4" = 1'-0"



6 PARTIAL GARAGE ELEVATION
 1/4" = 1'-0"



BamPlans

Gambrel Shed Roof Addition

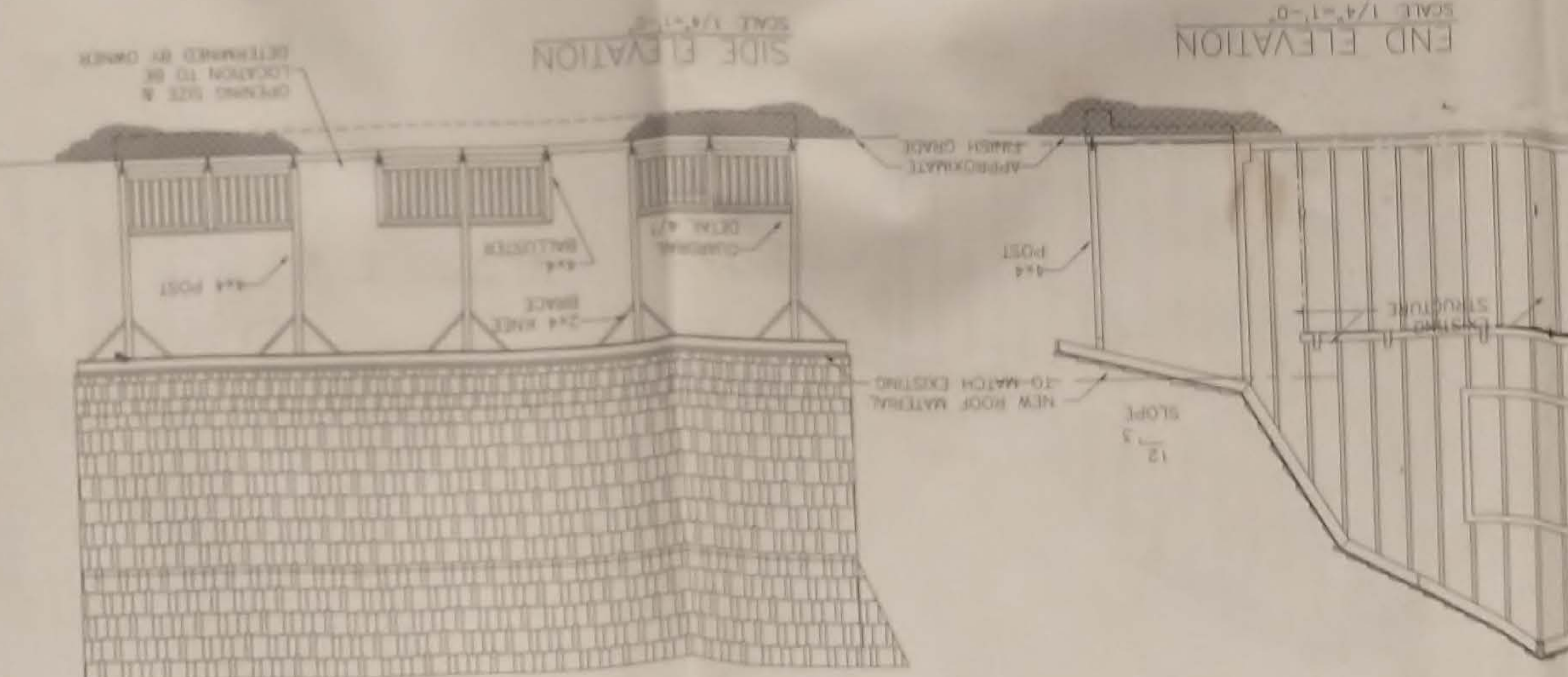
THESE PLANS HAVE BEEN DEVELOPED AND REPRODUCED WITHOUT CONTROL OVER THE COURSE OF TIME. THESE PLANS ARE NOT TO BE USED FOR ANY OTHER PURPOSE THAN THE SMALL STRUCTURE FOR WHICH THEY WERE PREPARED. NO OTHER RIGHTS ARE GRANTED BY THESE PLANS. THESE PLANS ARE NOT TO BE USED FOR ANY OTHER PURPOSE THAN THE SMALL STRUCTURE FOR WHICH THEY WERE PREPARED. NO OTHER RIGHTS ARE GRANTED BY THESE PLANS.



1 DETAIL SYMBOL
2 SHEET NUMBER

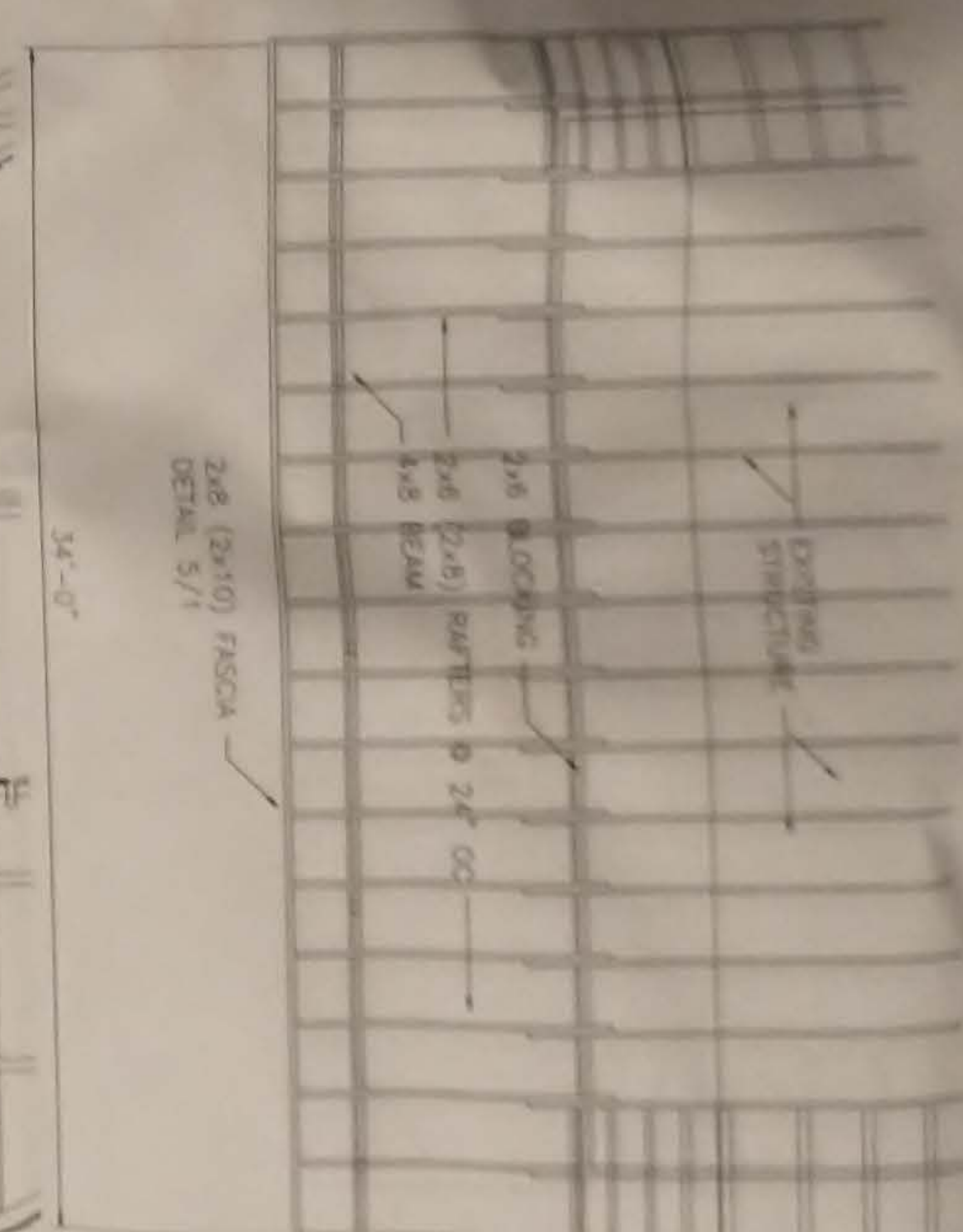
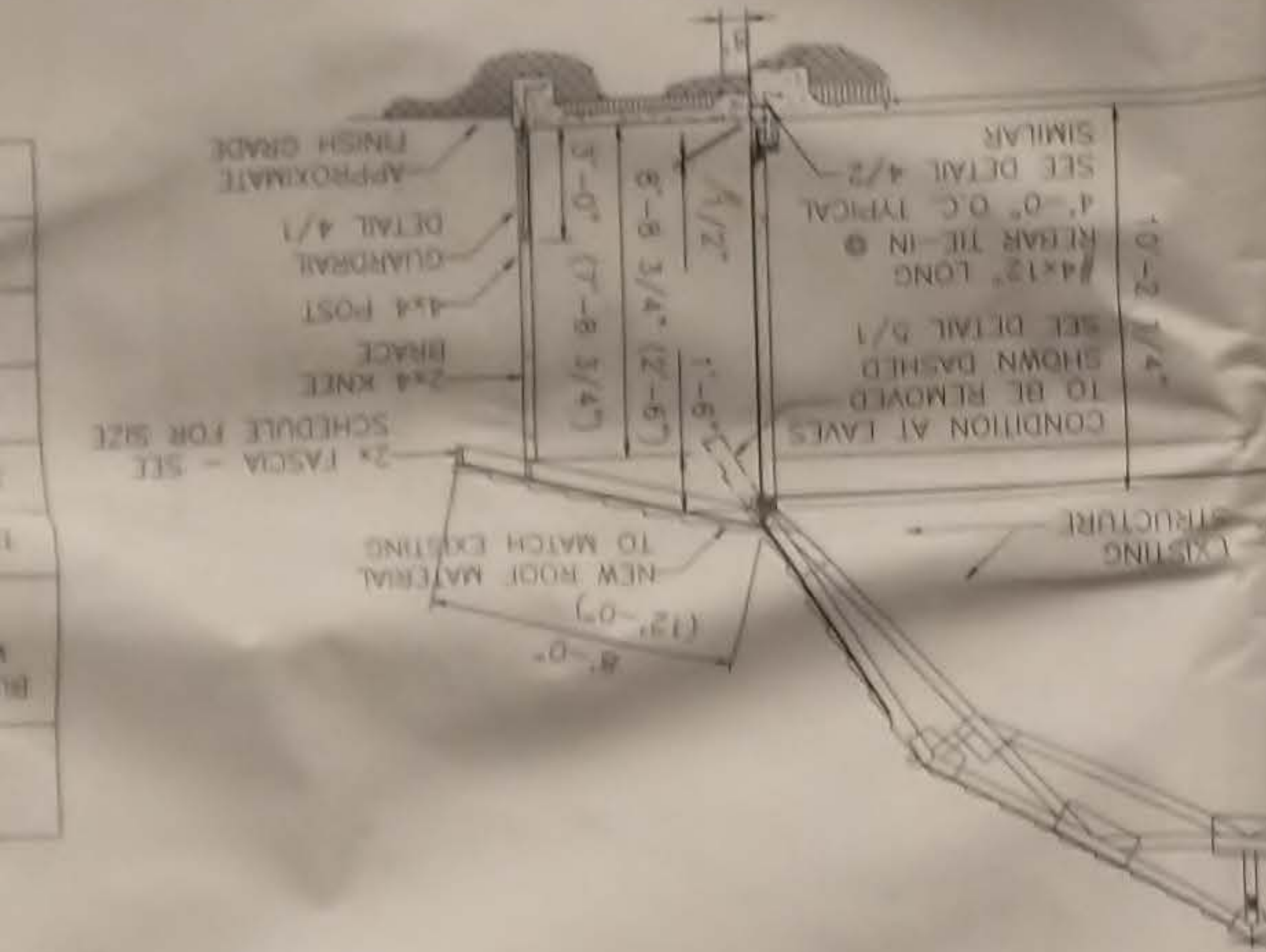
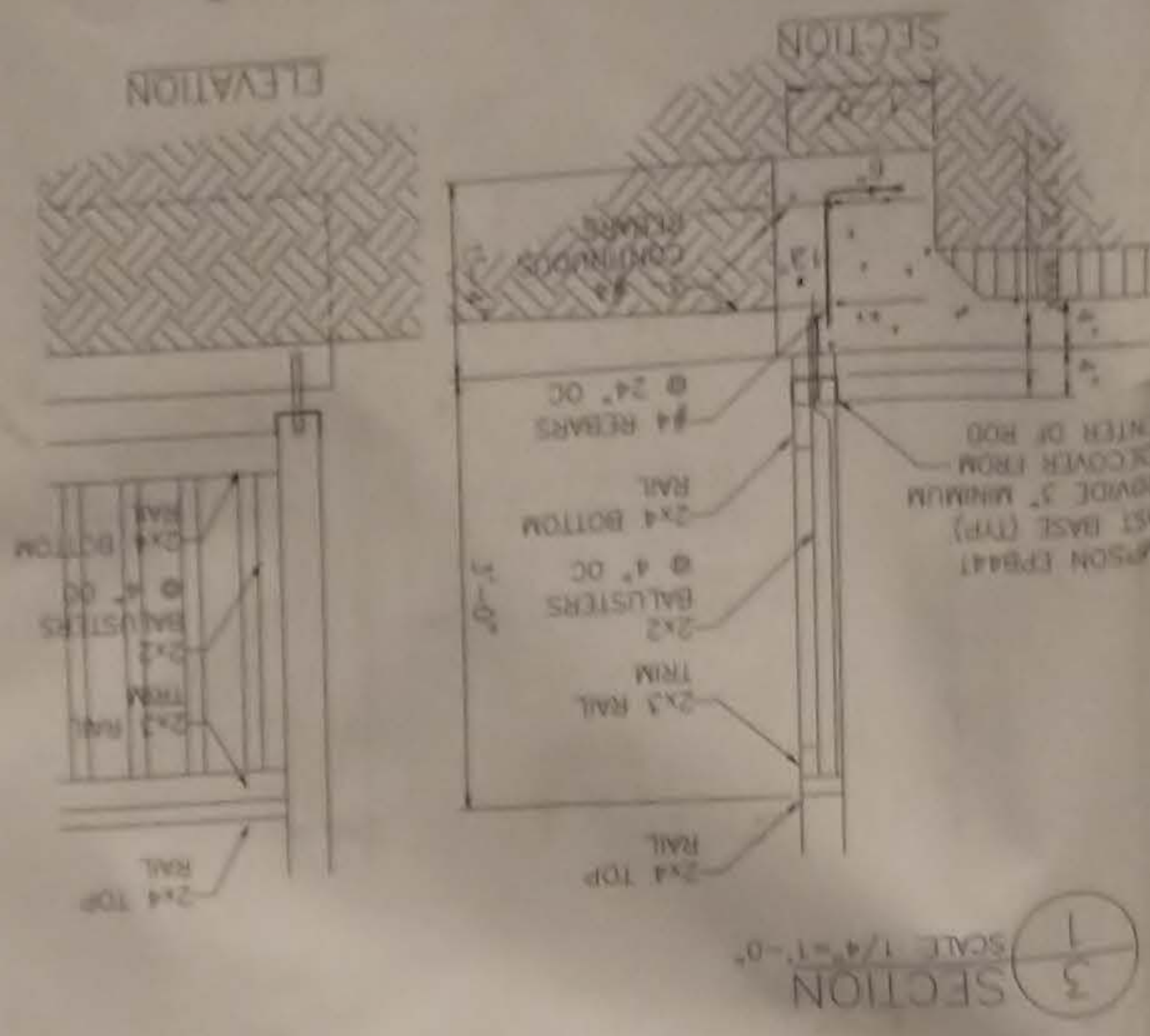
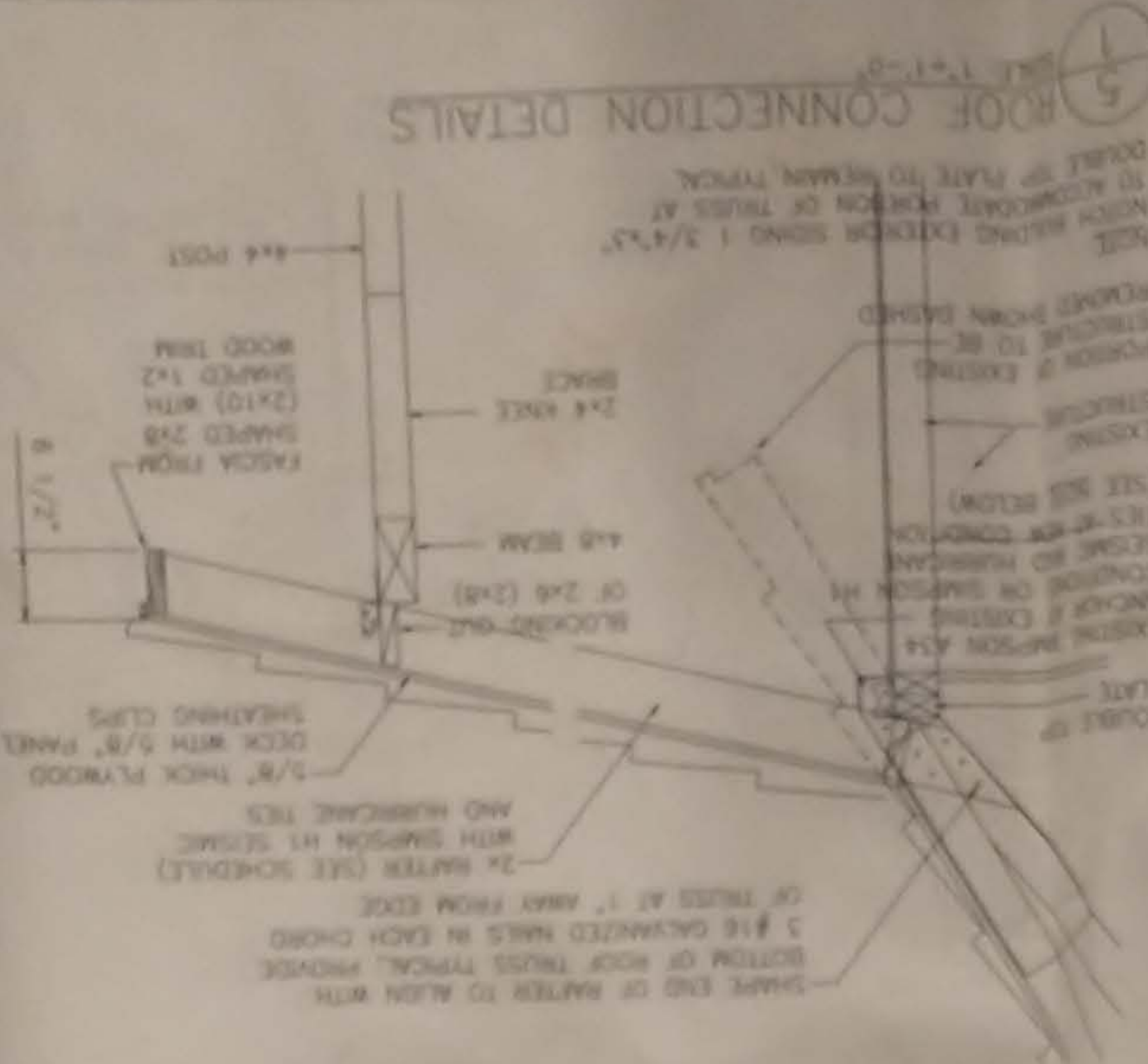
INDEX OF DRAWINGS

DESCRIPTION	1	2
FOUNDATION AND ROOF FRAMING PLANS, ELEVATIONS, SECTION DETAILS		
OF EXISTING SHED, EXISTING ROOF, EXISTING SHED, EXISTING SHED		



SCHEDULE OF SIZES

BUILDING	SHED	ROOF	POST/BEAM	RAFTER	FASCIA
16'-0"	6'-0"	8'-0"	4'-0"	3'-0"	2x6
20'-0"	8'-0"	10'-0"	6'-0"	4'-0"	2x6
24'-0"	10'-0"	12'-0"	8'-0"	6'-0"	2x6
28'-0"	12'-0"	14'-0"	10'-0"	8'-0"	2x6
32'-0"	14'-0"	16'-0"	12'-0"	10'-0"	2x6



4 GUARDRAIL/FOOTING DETAILS
SCALE 1/4"=1'-0"

1 AT OPEN SHED
SCALE 1/4"=1'-0"

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

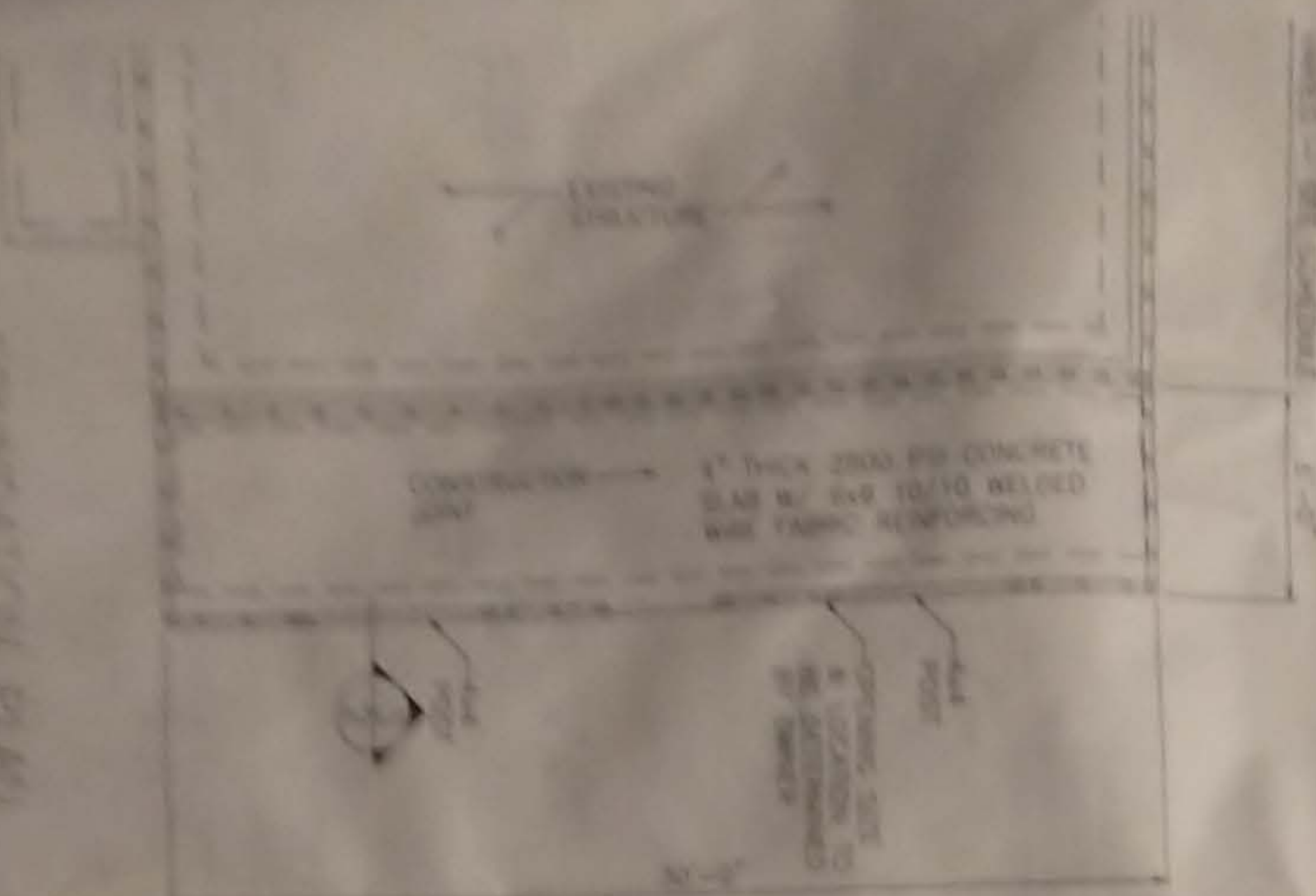
2 ROOF FRAMING PLAN
SCALE 1/4"=1'-0"

END ELEVATION
SCALE 1/4"=1'-0"

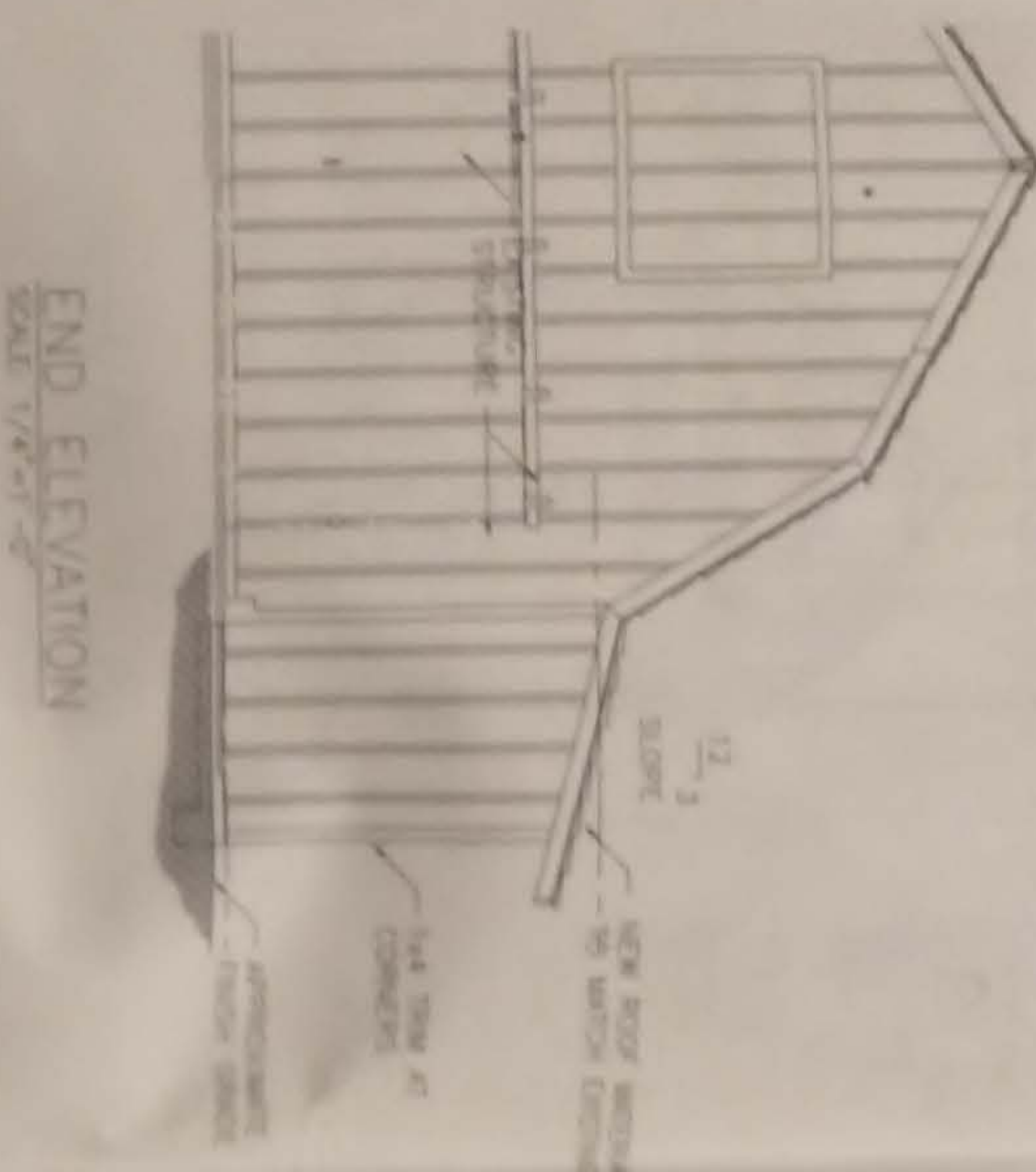
SIDE ELEVATION
SCALE 1/4"=1'-0"



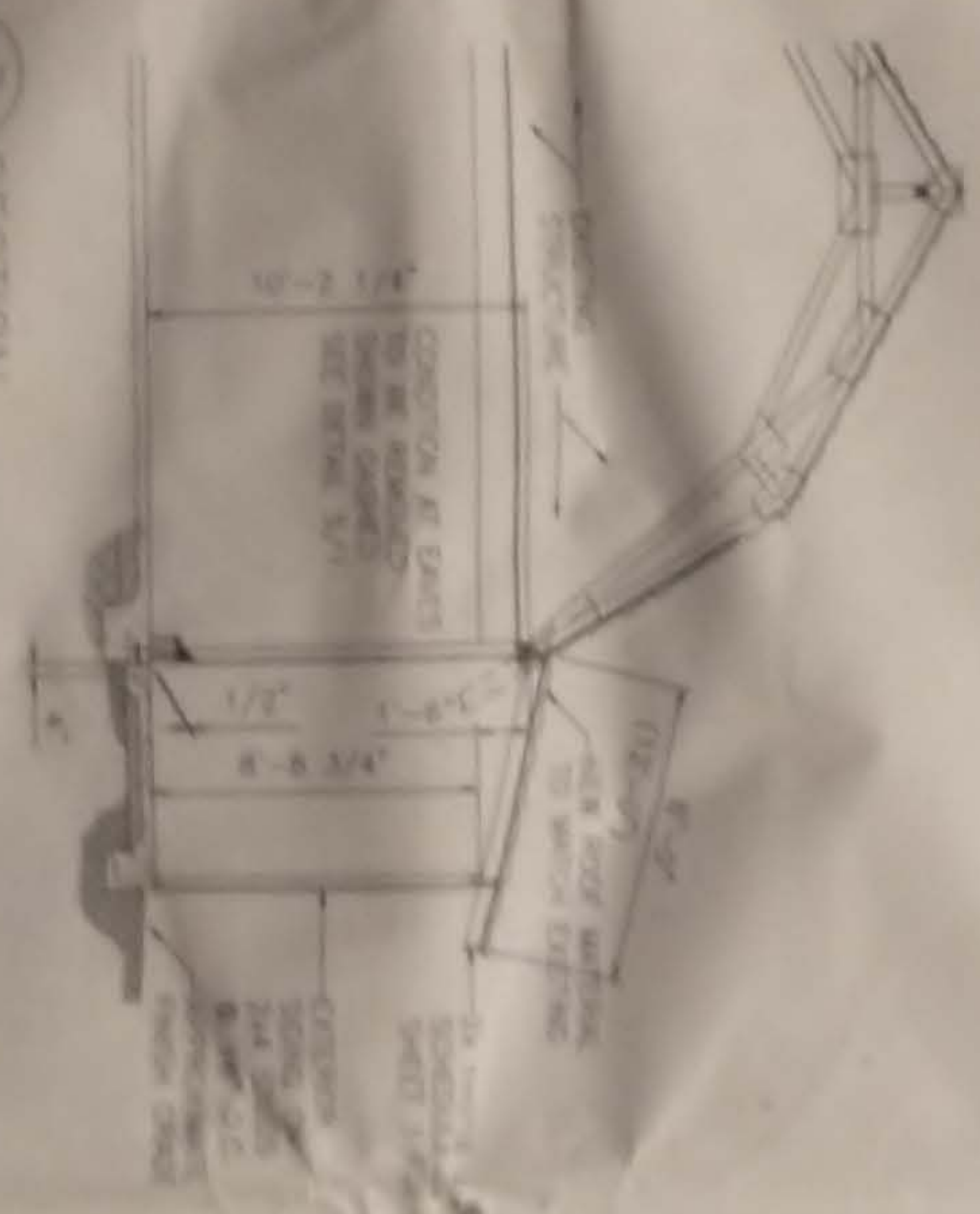
2 ROOF FRAMING PLAN
SCALE 1/4" = 1'-0"



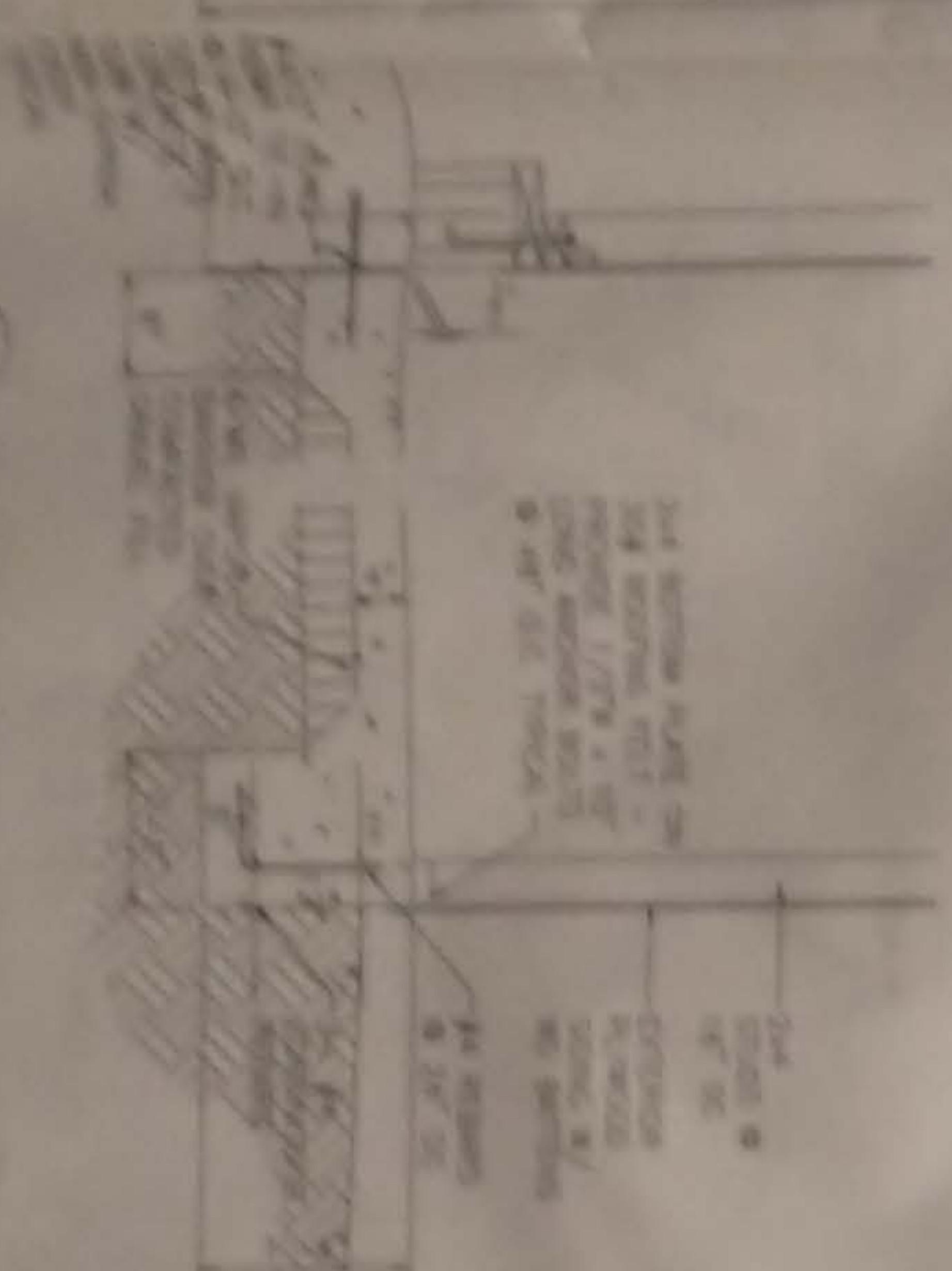
1 FOUNDATION PLAN
SCALE 1/4" = 1'-0"



END ELEVATION
SCALE 1/4" = 1'-0"



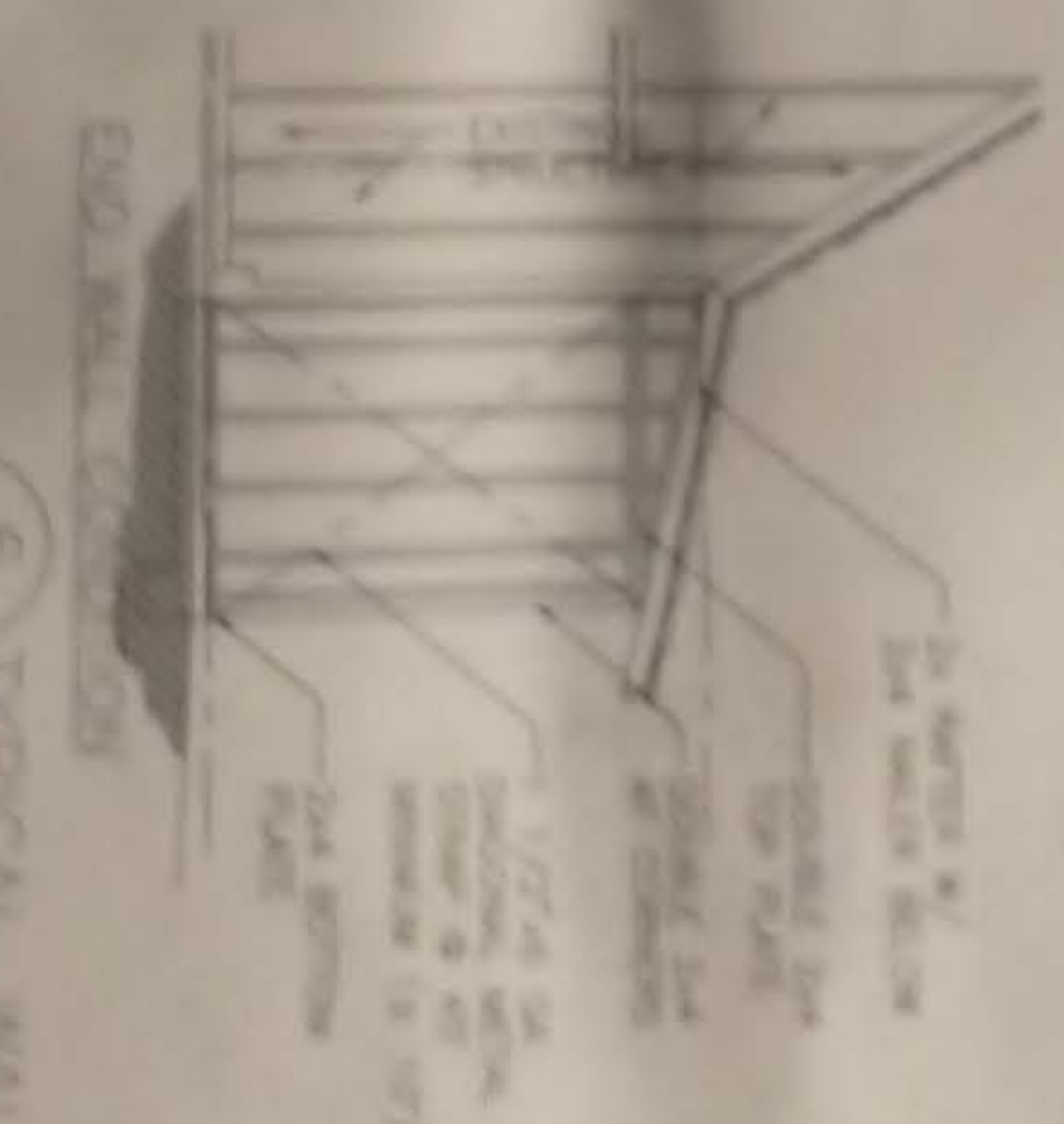
3 SECTION
SCALE 1/4" = 1'-0"



4 ROOFING DETAIL
SCALE 1/4" = 1'-0"



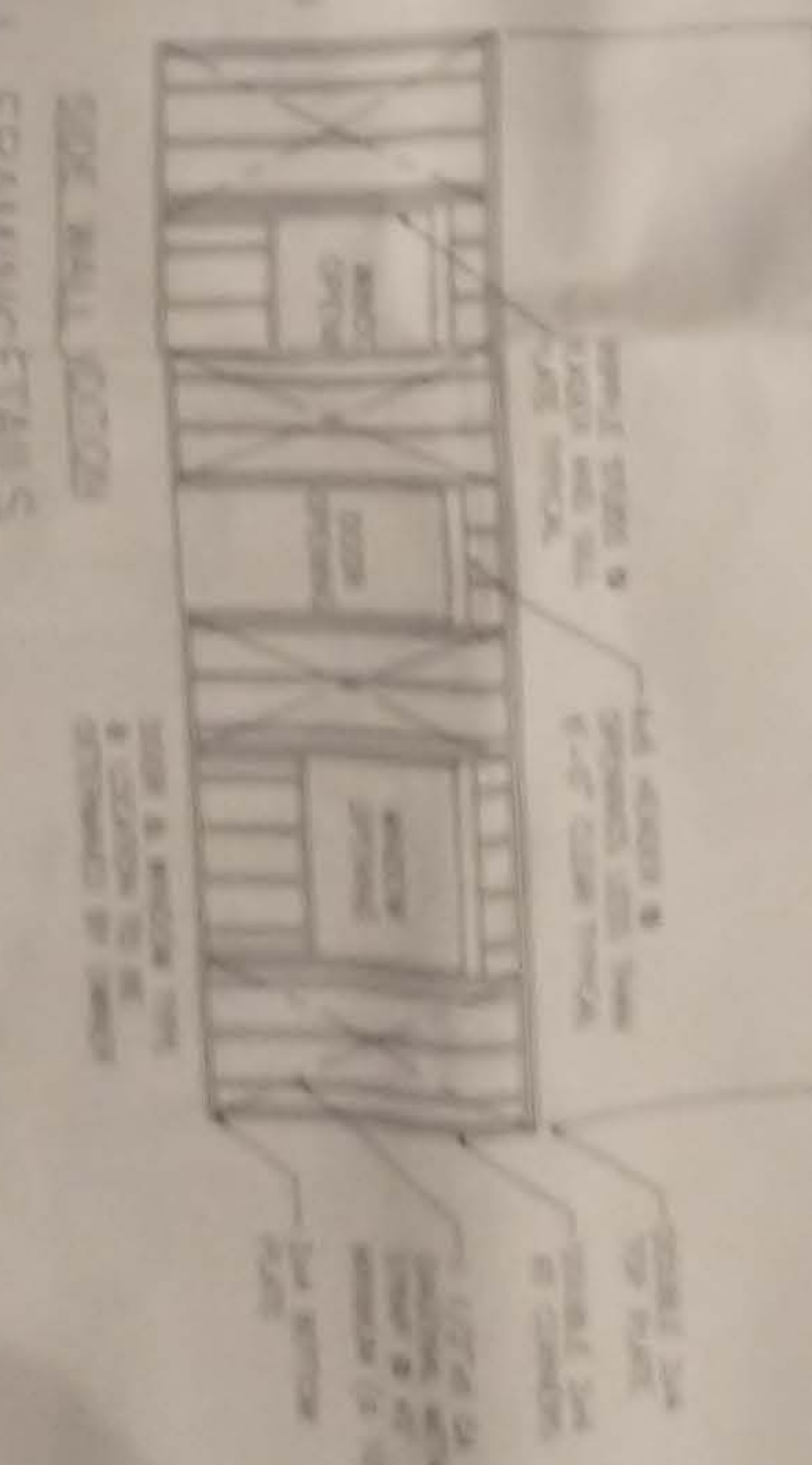
SIDE ELEVATION
SCALE 1/4" = 1'-0"



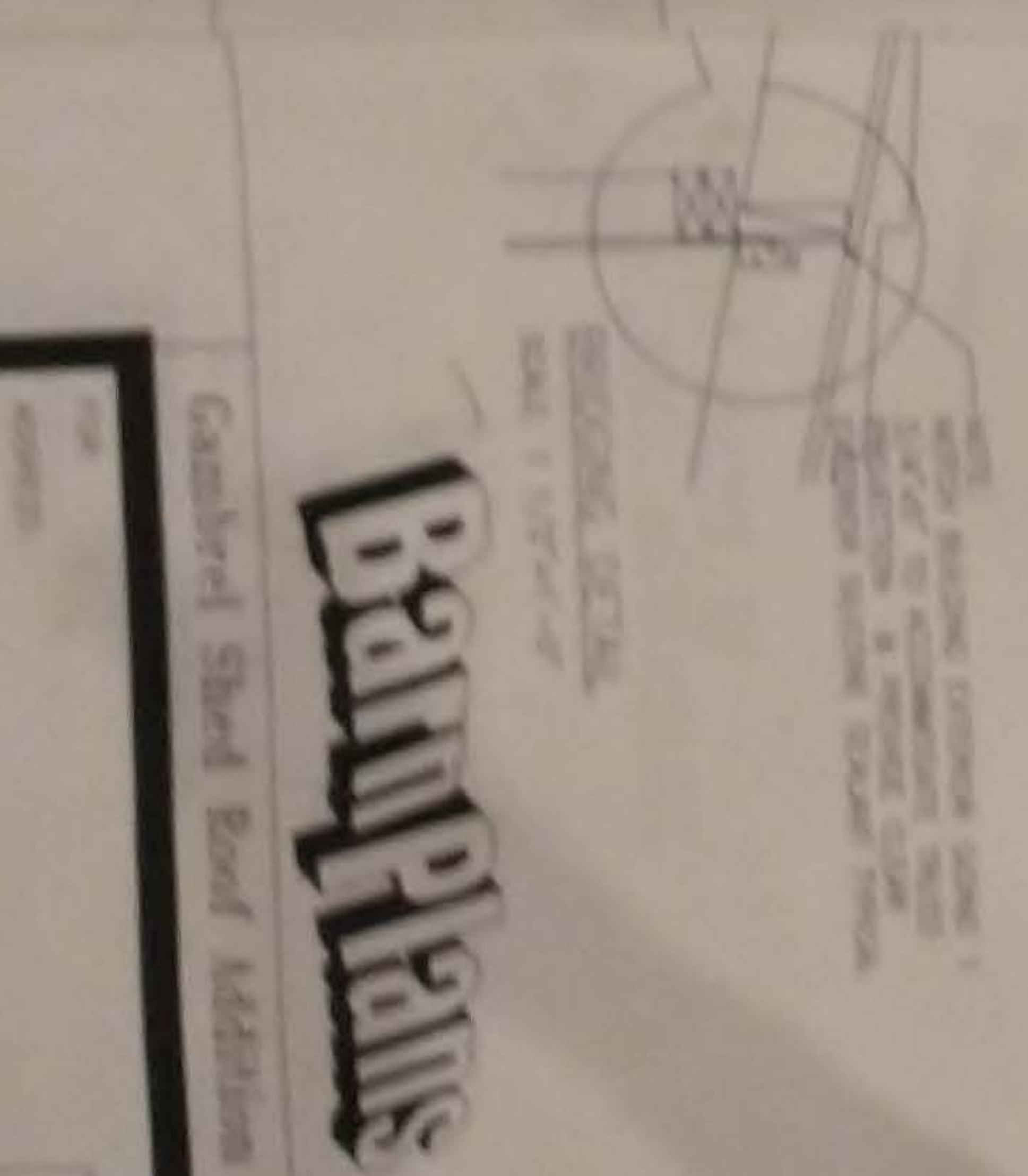
5 TYPICAL WALL FRAMING DETAILS
SCALE 1/4" = 1'-0"



6 ROOF CONNECTION DETAILS
SCALE 1/4" = 1'-0"



7 TYPICAL WALL FRAMING DETAILS
SCALE 1/4" = 1'-0"

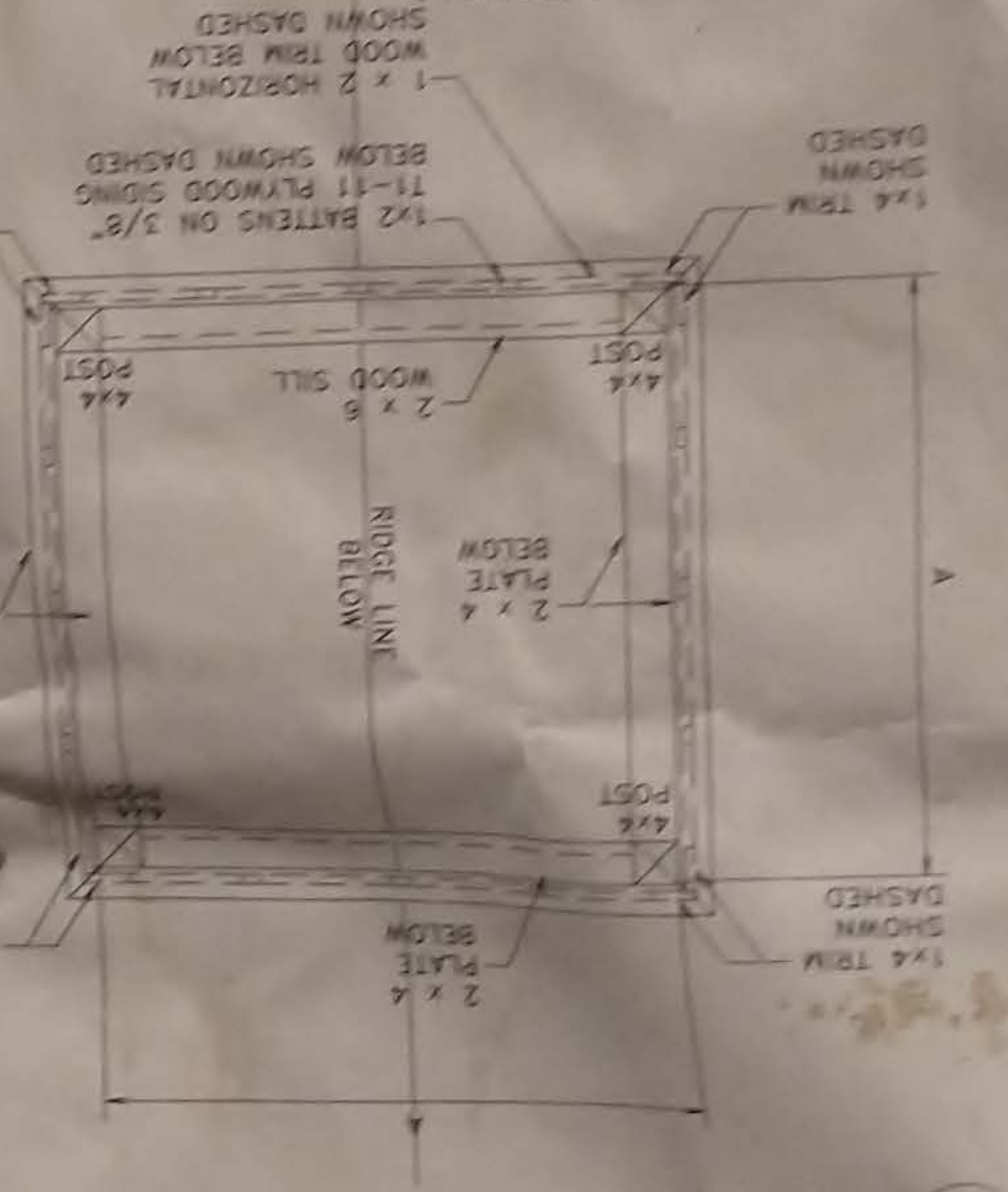


8 ROOF CONNECTION DETAILS
SCALE 1/4" = 1'-0"

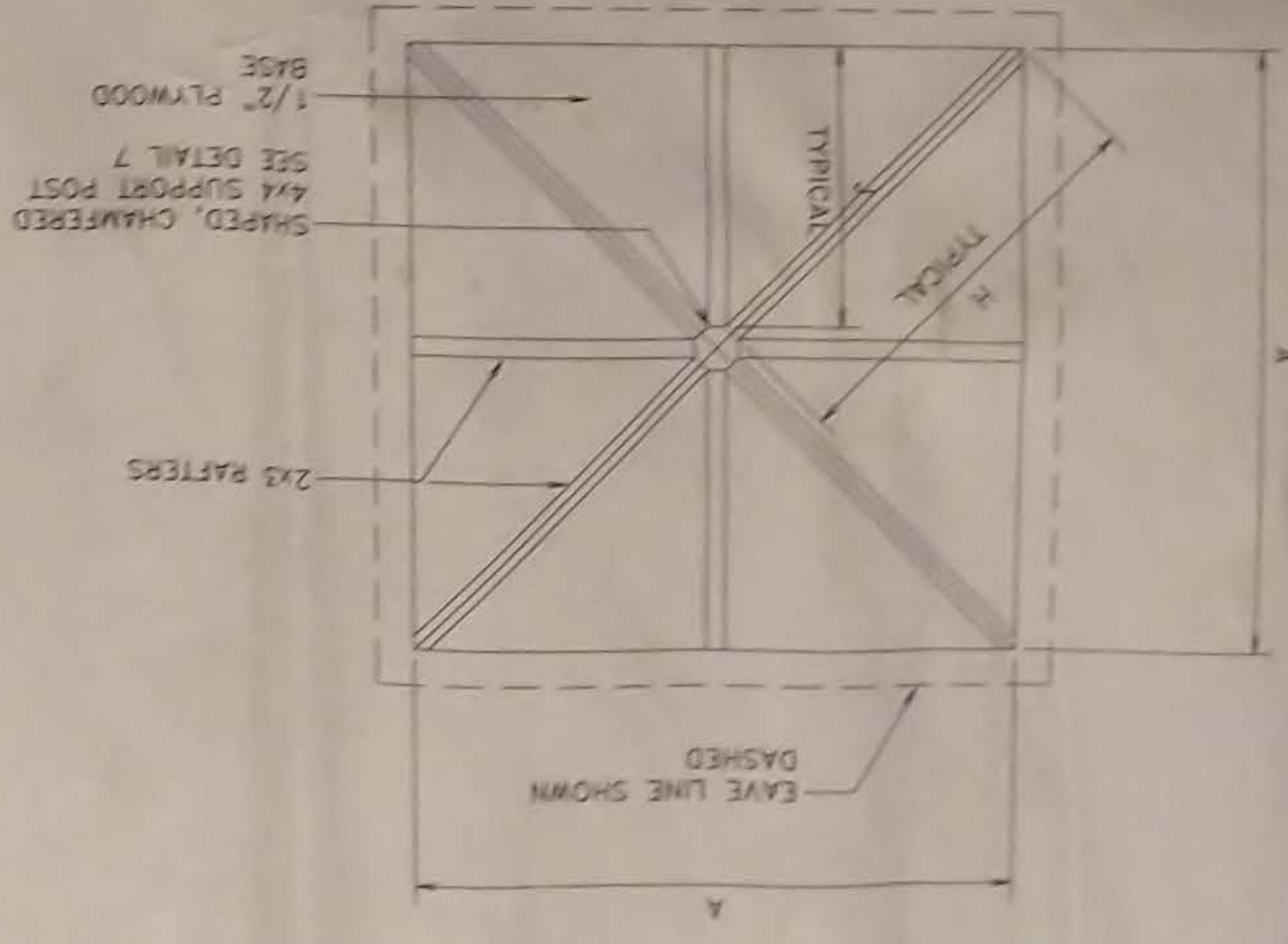
CUPOLA BY SIZE	DIMENSION												
	CUPOLA				LOUVERS			RAFTERS			ROOF PANEL		
	X	A	B	C	D	E	F	G	H	J	K	L	M
28 x 48	49"	28"	14"	14"	20 1/2"	14"	20 7/8"	18 3/4"	22"	17 1/4"	27 5/8"	22 1/2"	31 7/8"
36 x 60	60 1/2"	36"	18"	18"	24"	18"	28 7/8"	22 1/4"	29"	23"	35 1/2"	29"	41"
48 x 80	81 1/2"	48"	24"	24"	31"	26"	40 7/8"	29 1/4"	39 1/2"	31 1/2"	47 3/8"	38 3/4"	54 3/4"

NOTE: DRAWINGS ILLUSTRATED REPRESENT THE 48x80 CUPOLA MODEL. SEE SCHEDULE BELOW FOR ADDITIONAL 36x60 AND 28x48 DIMENSIONAL REQUIREMENTS INDICATED BY LETTERS A THROUGH M AT THE RESPECTIVE DIMENSION LOCATIONS.

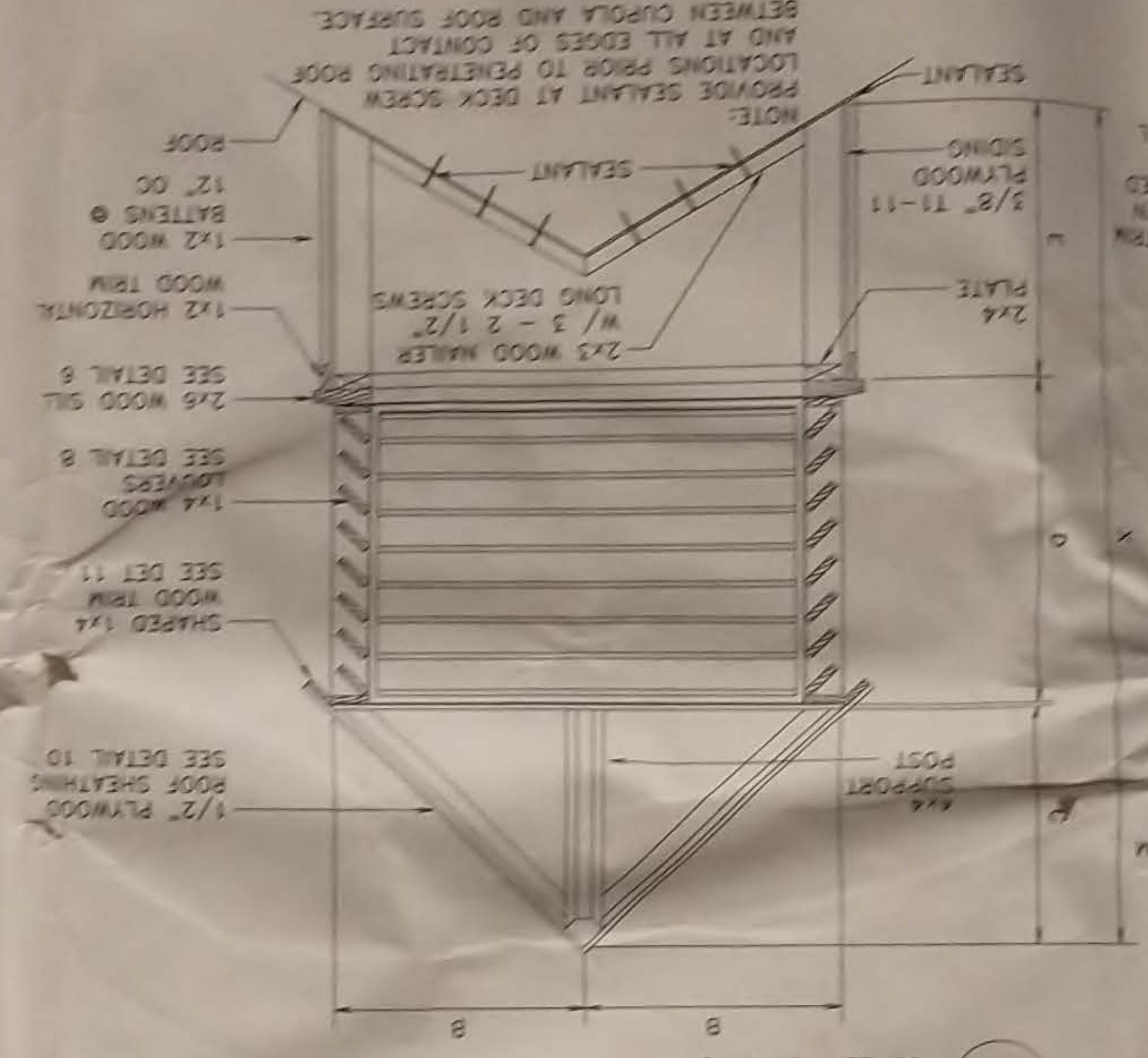
1 PLAN SECTION
WOOD SILL
SCALE: 1"=1'-0"



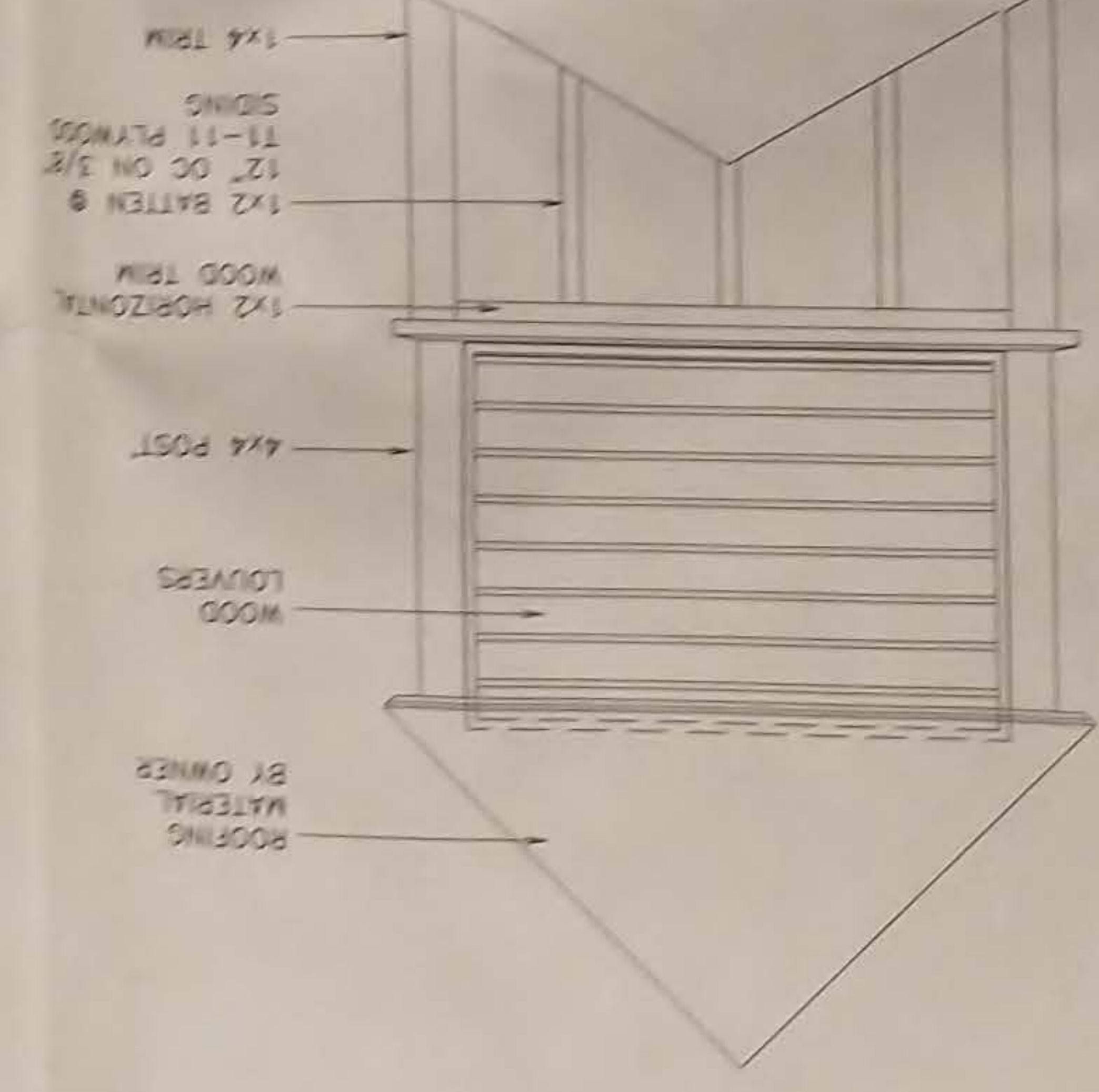
2 ROOF FRAMING PLAN
SCALE: 1"=1'-0"



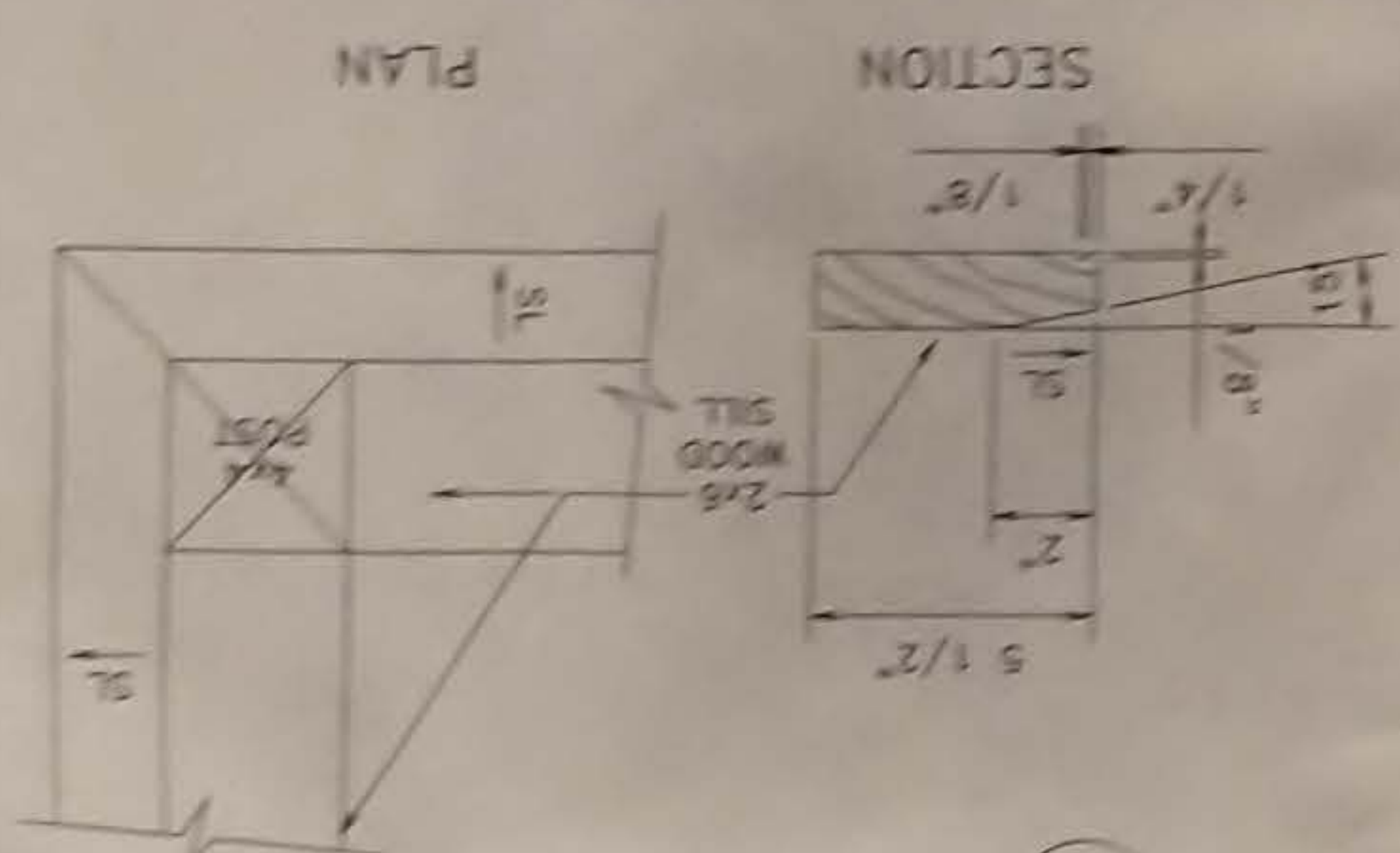
3 SECTION
SCALE: 1"=1'-0"



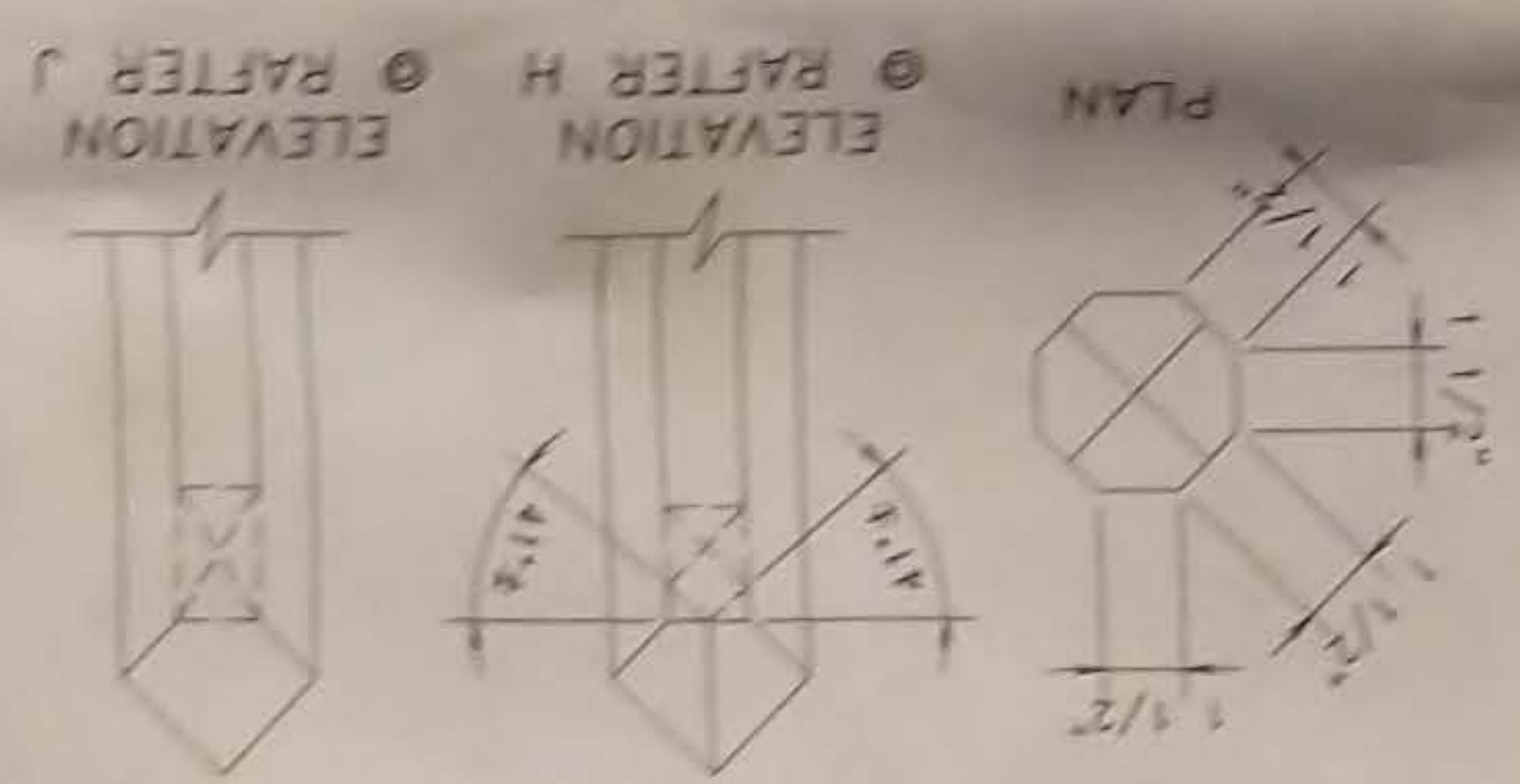
4 ELEVATION
SCALE: 1"=1'-0"



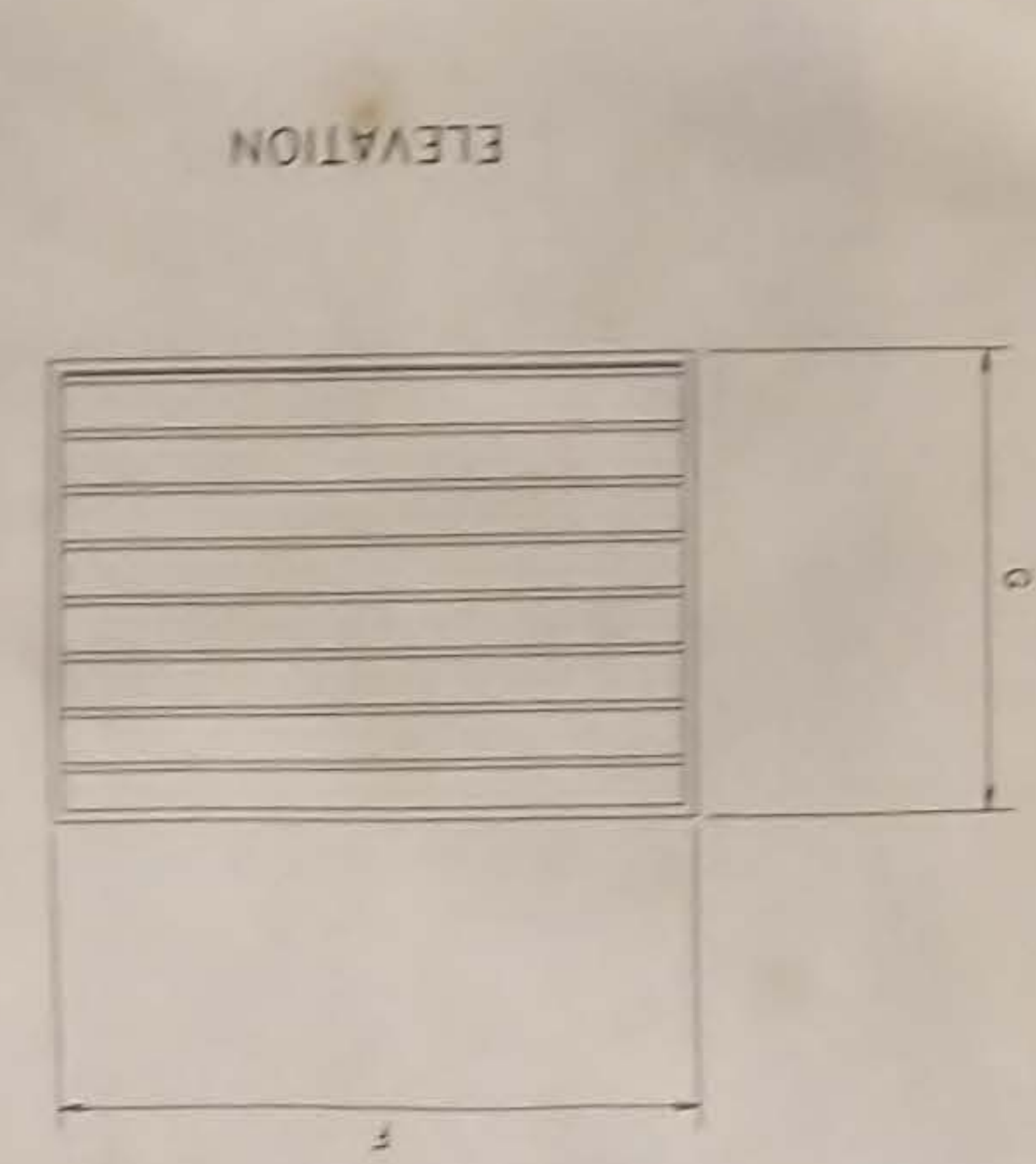
6 SILL DETAIL
SCALE: 3/4"=1'-0"



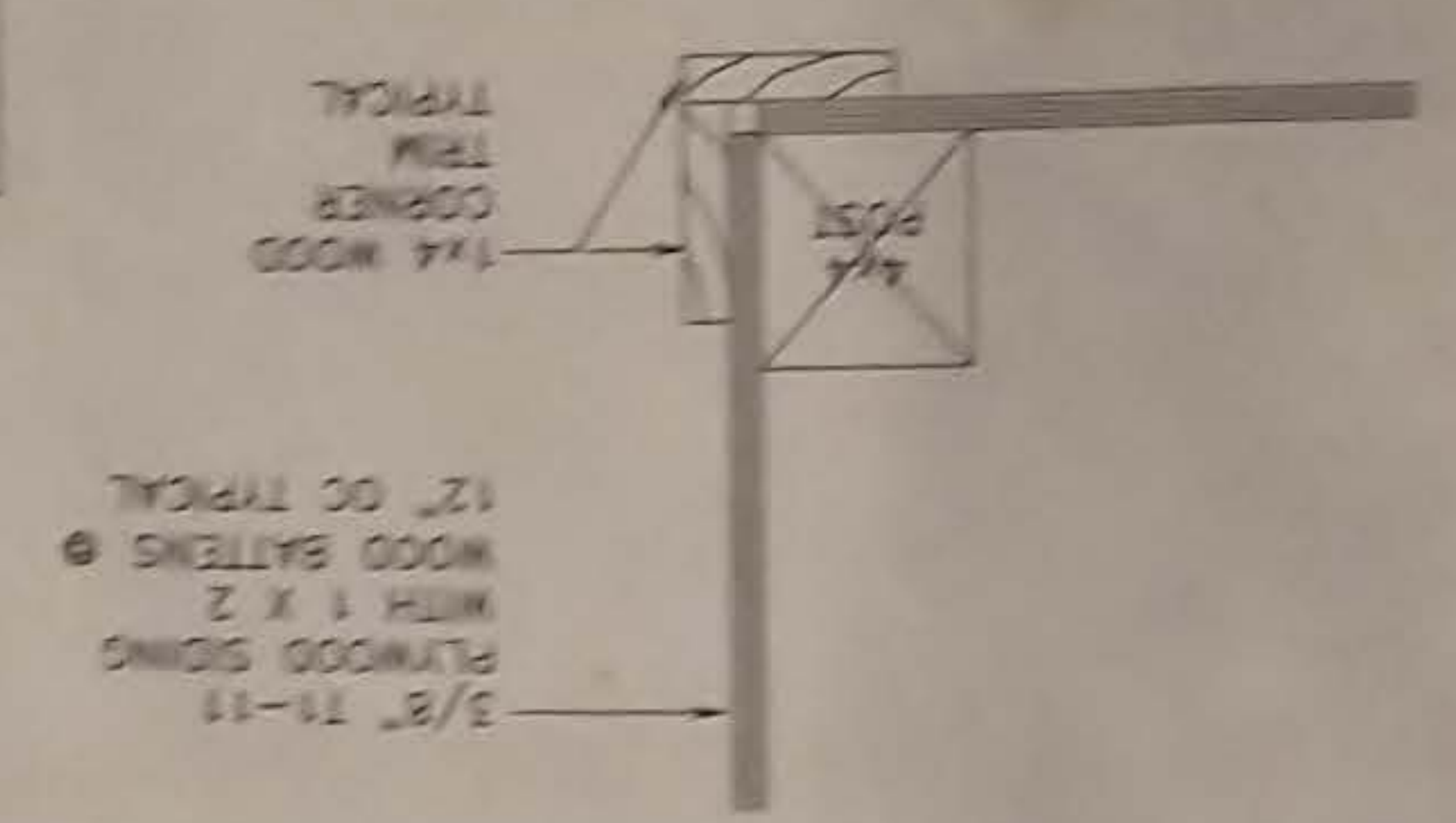
7 CENTER POST DETAIL
SCALE: 3/4"=1'-0"



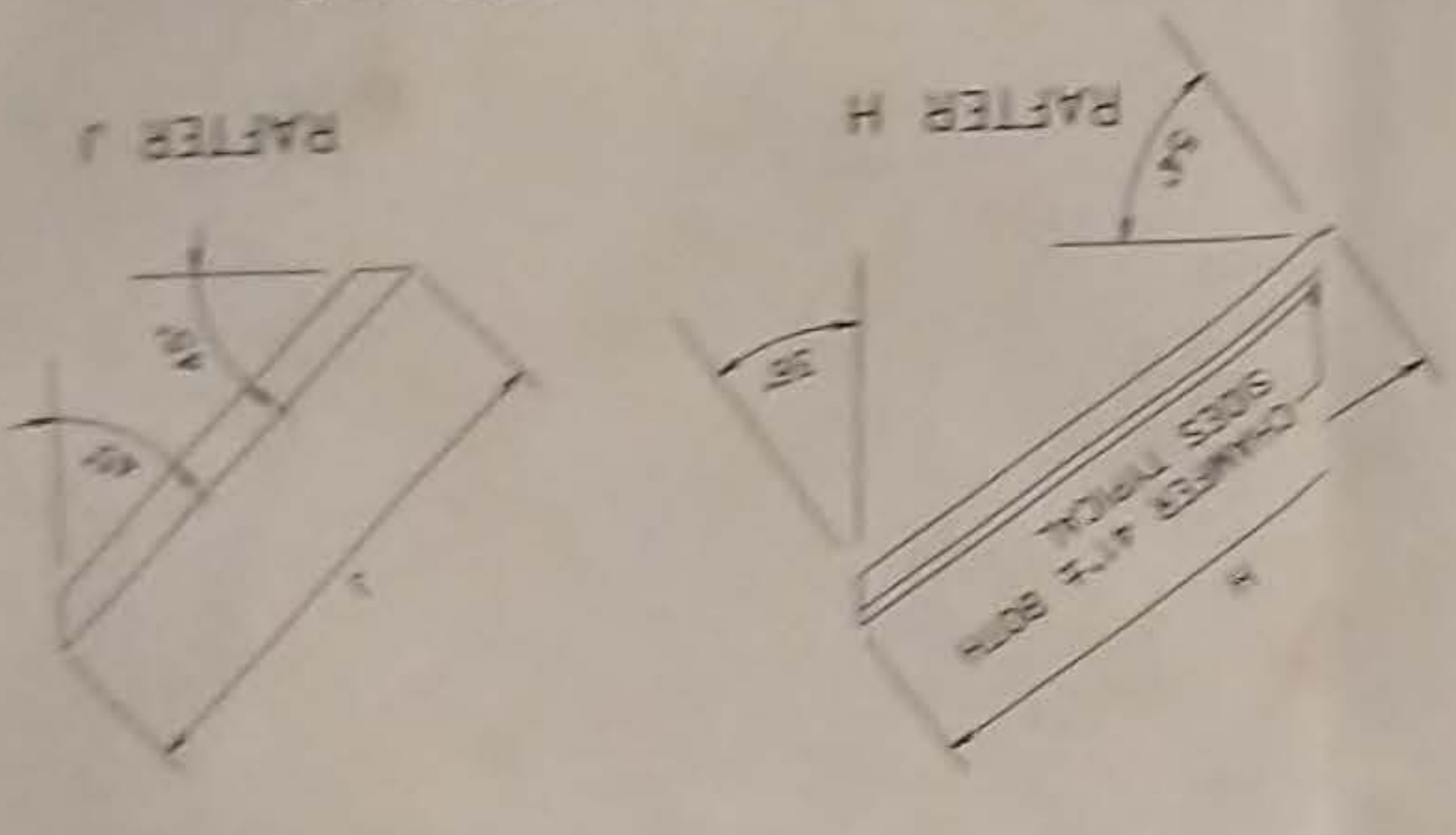
8 LOUVER PANEL DETAILS
SCALE: 1"=1'-0"



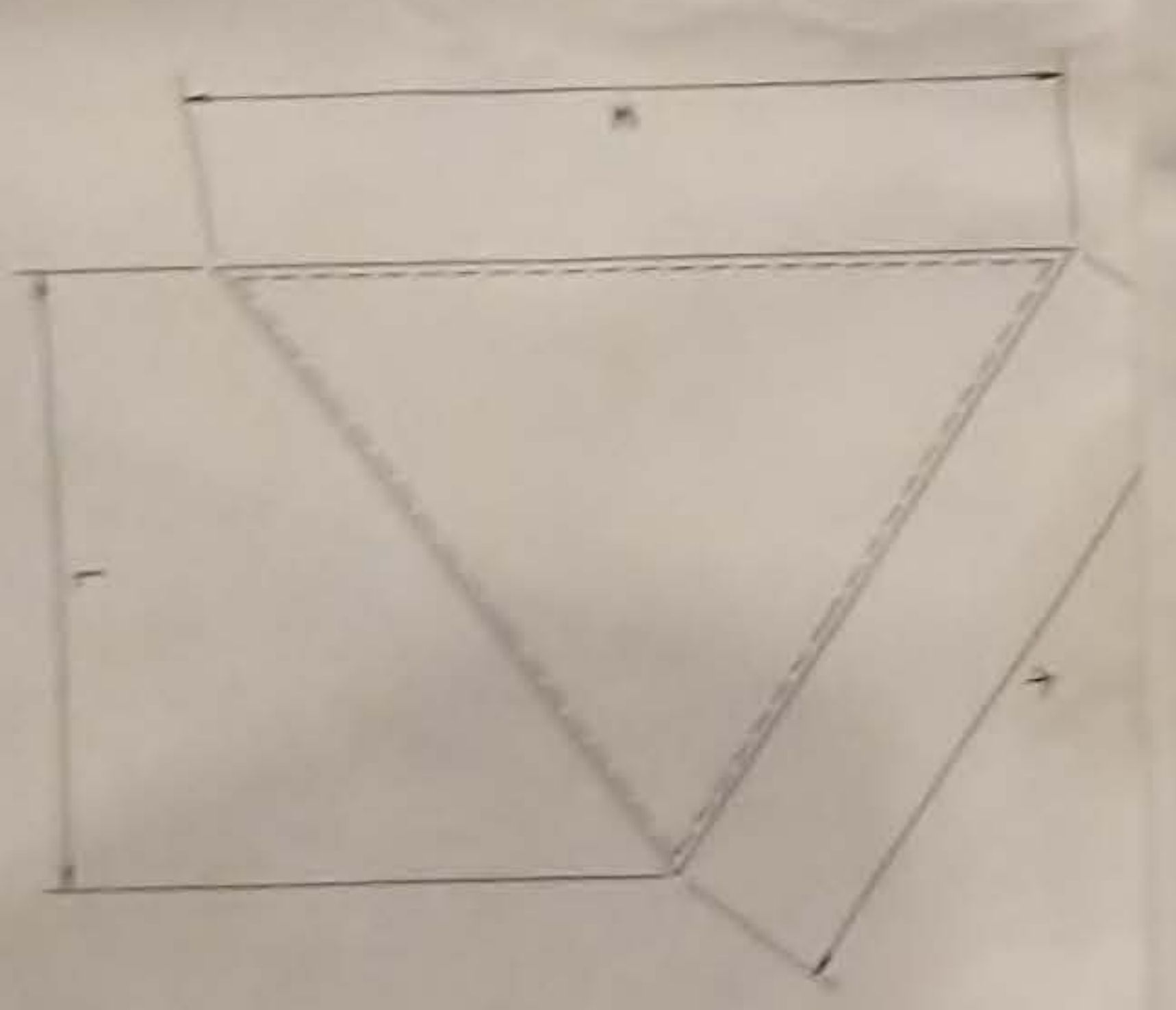
5 CORNER DETAIL
SCALE: 3/4"=1'-0"



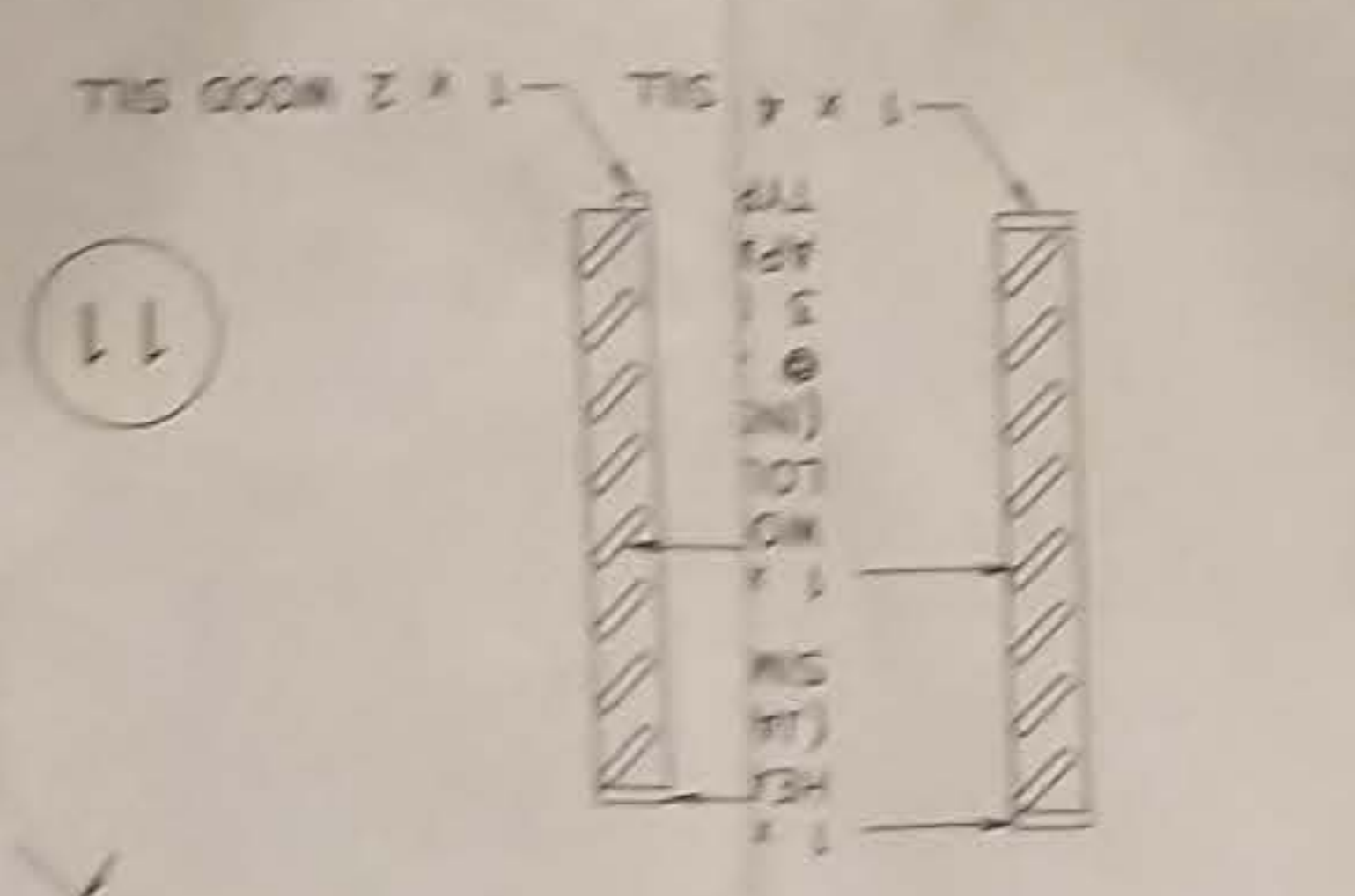
9 TYPICAL RAFTER DETAILS
SCALE: 1"=1'-0"



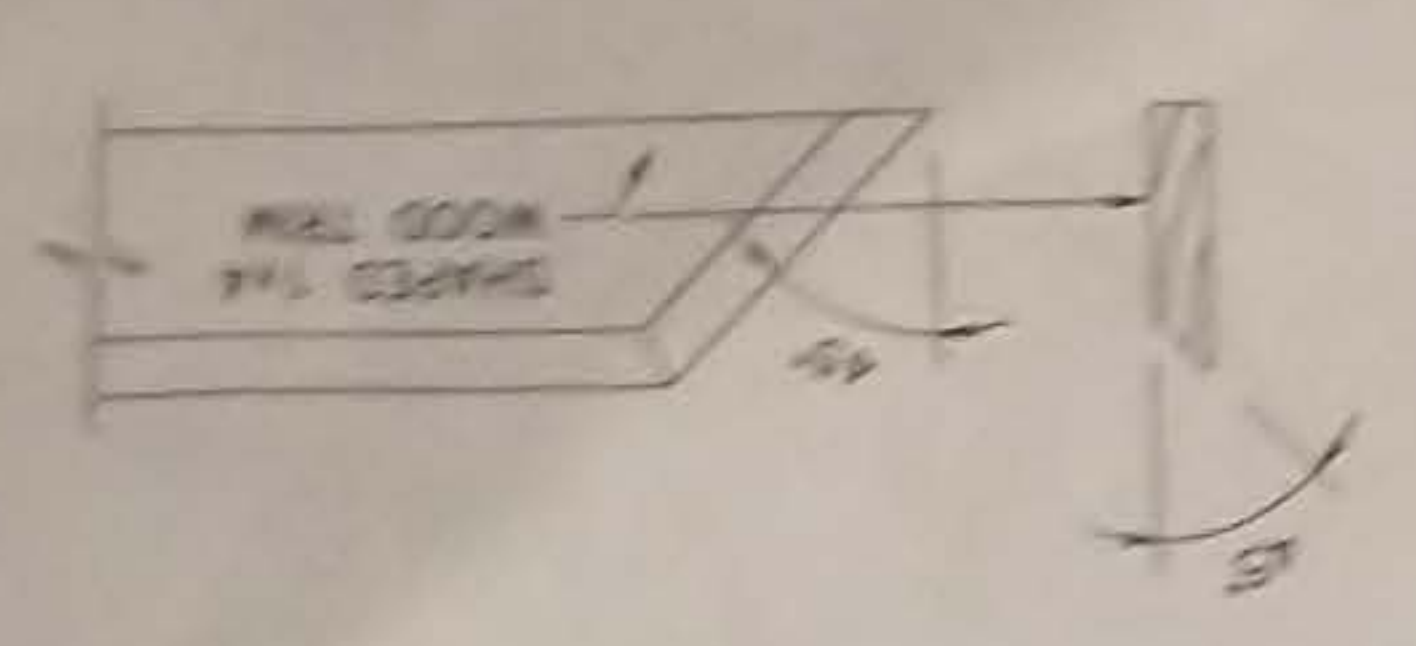
10 ROOF PANEL DETAIL
SCALE: 1"=1'-0"



SECTION THRU SECTION THRU TYPICAL FIXED REMOVABLE PANEL



11 EAVE TRIM DETAIL
SCALE: 3/4"=1'-0"



DATE: _____
TOWN: _____
ADDRESS: _____
FOR: _____
SHEET: _____

BarnPlans
Cupola Plans

