

FITTINGS: *8/16 Daggett*

- (A) SANITARY TEE
- (B) INTEGRAL DOUBLE WYE &  $\frac{1}{8}$  BEND
- (C) LONG 90° ELBOW
- (D) LONG TURN TEE WYE
- (E) CLEAN OUT
- (F)
- (G)  $\frac{1}{8}$  BEND

NOTES:

1. TRAP & TRAP ARM SIZES LISTED IN SUPPLEMENTAL SHEET I - IN SUBMITTAL PACKAGE
2. LENGTHS OF TUB & SHOWER TRAP ARMS & VENTS CONFORM AS PER SUPPLEMENTAL SHEET I.
3. FITTINGS INSTALLED WITH TAPPER OR SWEEP IN DIRECTION OF FLOW
4. ALL HORIZONTAL VENT PIPE AT LEAST 6" ABOVE FIXTURE FLOOD LEVEL
5. HORIZ. VENT PIPE SLOPED  $\frac{1}{8}$ " PER FT TOWARD DRAINAGE.
6. ALL DRAINS SLOPED  $\frac{1}{4}$ " PER FT.
7. ALL PIPE SUPPORTED AT INTERVALS NOT MORE THAN 4' AT BRANCH ENDS & DIRECTION CHANGES.
8. ALL TRAP ARMS SUPPORTED W/IN 3' OF TRAP
9. ALL WASTE PIPING IS ABS PLASTIC PIPE ANSI: N72.5-1971 ASTM: D1527-732
10. COPY OF APPROVED DRAWING PROVIDED W/ BLDG UNIT.
11. SUMP PUMP RECEPTOR INSTALLED ON SITE
12. EXCEPT BLDG DRAIN, PLUMBING BELOW ----- PREFITTED BY MFR. & INSTALLED BY BLDG. DLR. — SUBJECT TO LOCAL INSPECTION AUTHORITY.

COMP. SET

816 DAGGERT

CITY OF NAPOLEON  
BUILDING DEPT.

Plan Approval

By *[Signature]* Date *6/2/83*

Form 643-83

79

DATE

11-83

OF

SHEET

DRAWING NO. 002-171

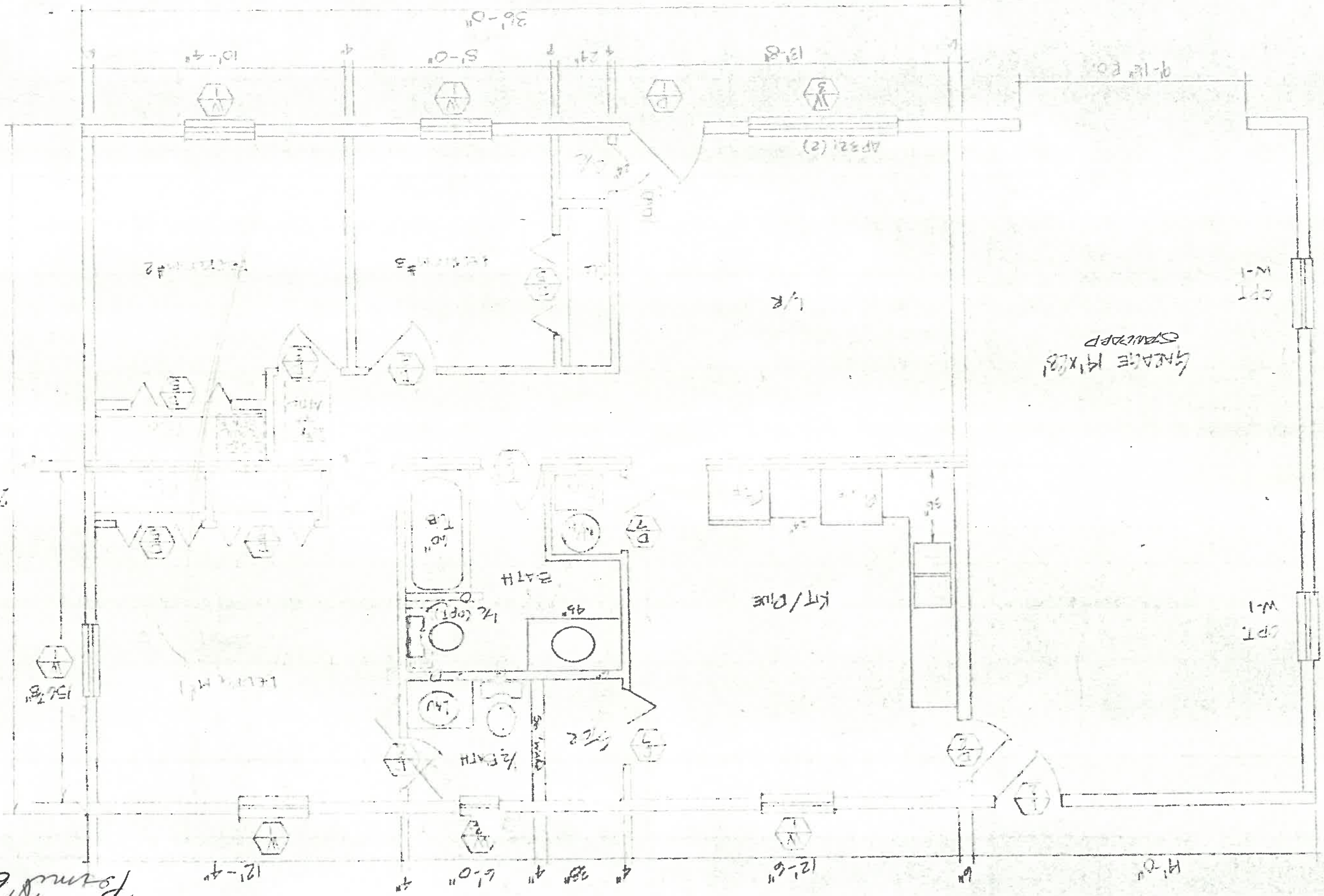
MODEL 36-26-3BR-1 1/2 B

DR BY

SCALE 1/4" = 1'-0"

THESE PLANS AND SPECIFICATIONS  
ARE THE PROPERTY OF  
HECKAMAN INDUSTRIES  
AND MAY NOT BE USED  
WITHOUT THEIR CONSENT.

PLAN # 102  
DUTCHLAND ESTATES  
HECKAMAN INDUSTRIES - NAPOLANIE



1-2

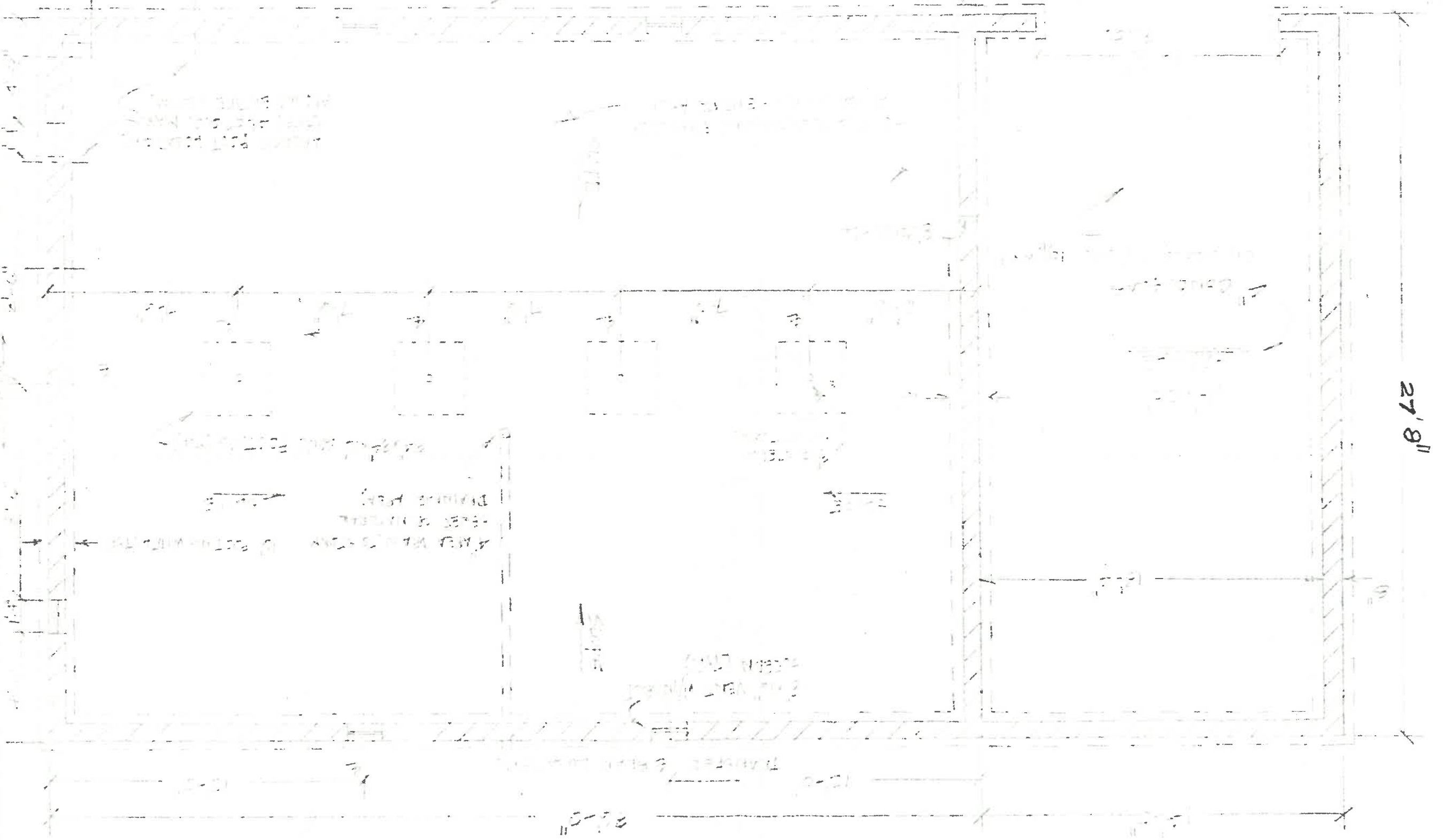
#810 Max. Col. Spacing

1. TOTAL COL. SPACING = 13'-0"  
2. TOTAL COL. SPACING = 13'-0"  
3. TOTAL COL. SPACING = 13'-0"

# FOUNDATION PLAN

1/4" = 1'-0"

Top of Footing is 1' 6" below ground level



1. ALL WALLS TO BE CONCRETE  
 2. ALL WALLS TO BE 12" THICK  
 3. ALL WALLS TO BE 1' 6" BELOW GROUND LEVEL

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PLANS # 100  
 DUTCHLAND ESTATES  
 HECKAMAN INDUSTRIES - NAPPANET

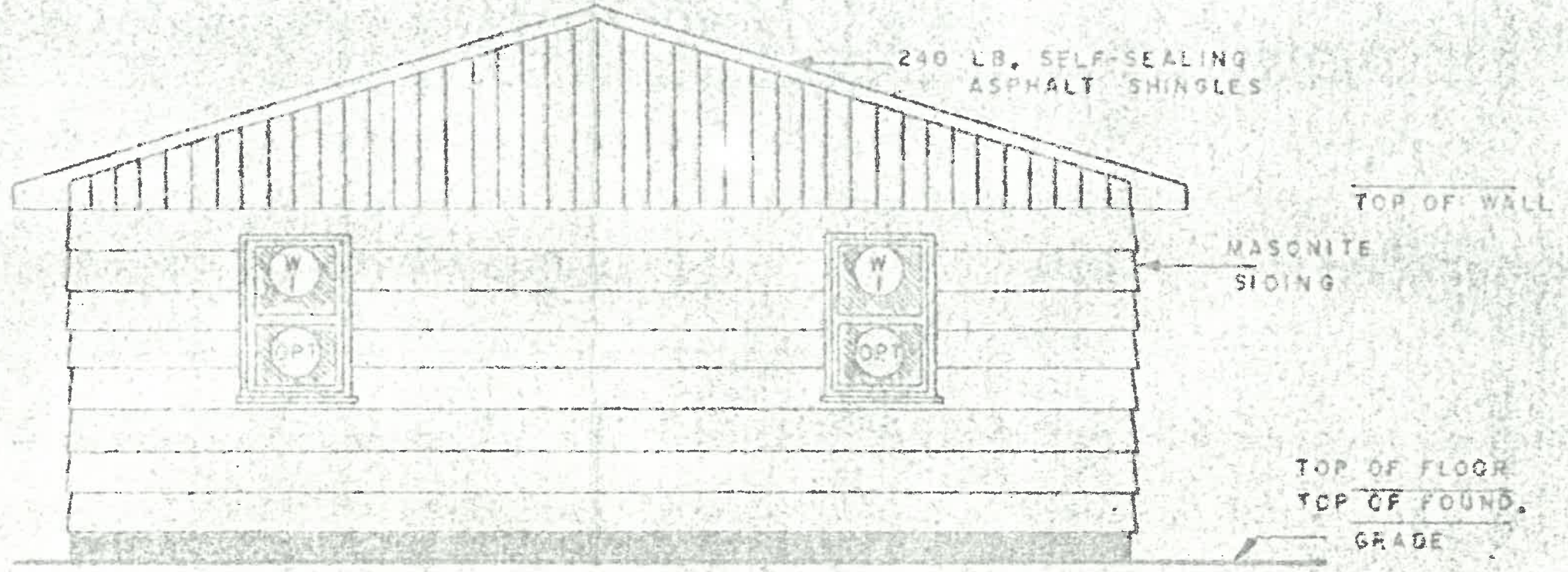
THESE PLANS AND SPECIFICATIONS  
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MODEL 100-100-100  
 SCALE 1/4" = 1'-0"

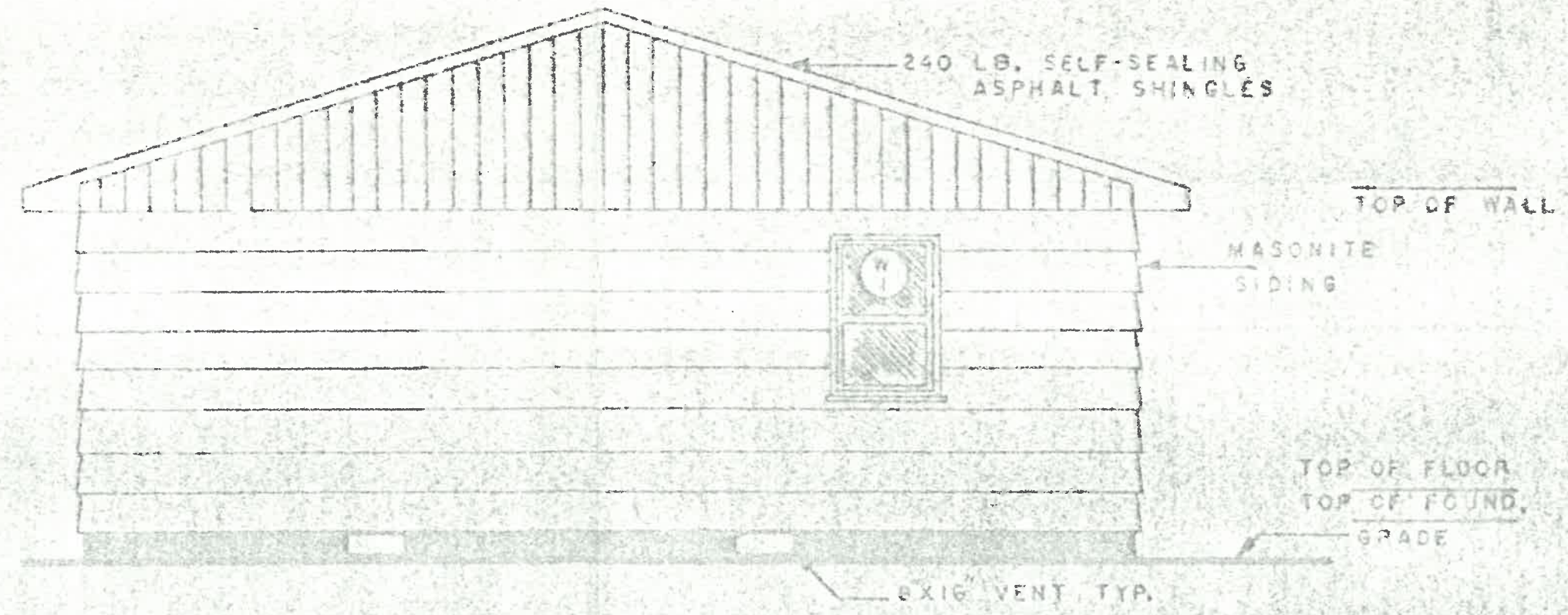
DATE 10/1/53  
 SHEET 1 OF 1  
 DRAWING NO. C-100-100-100



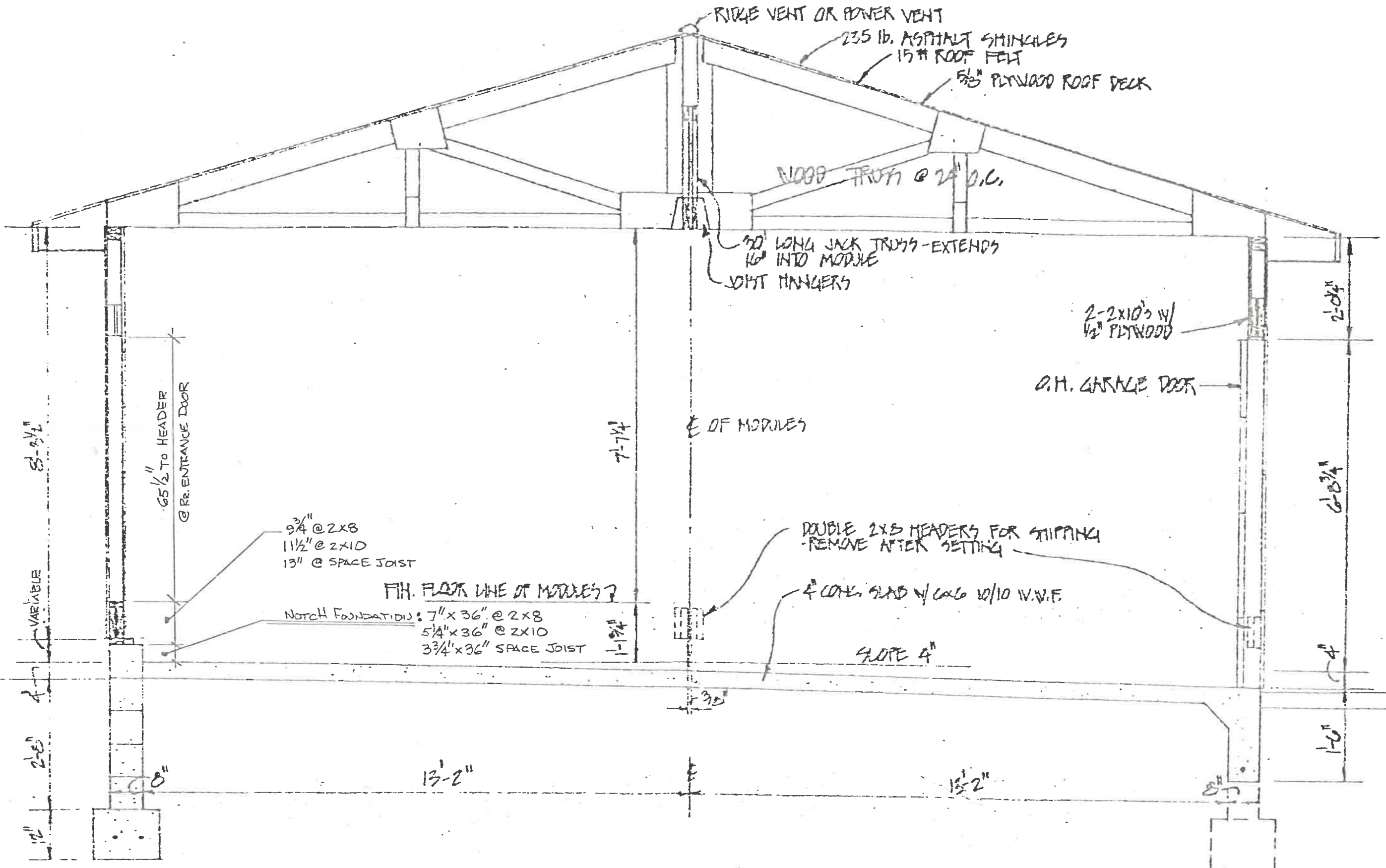
### LEFT ELEVATION



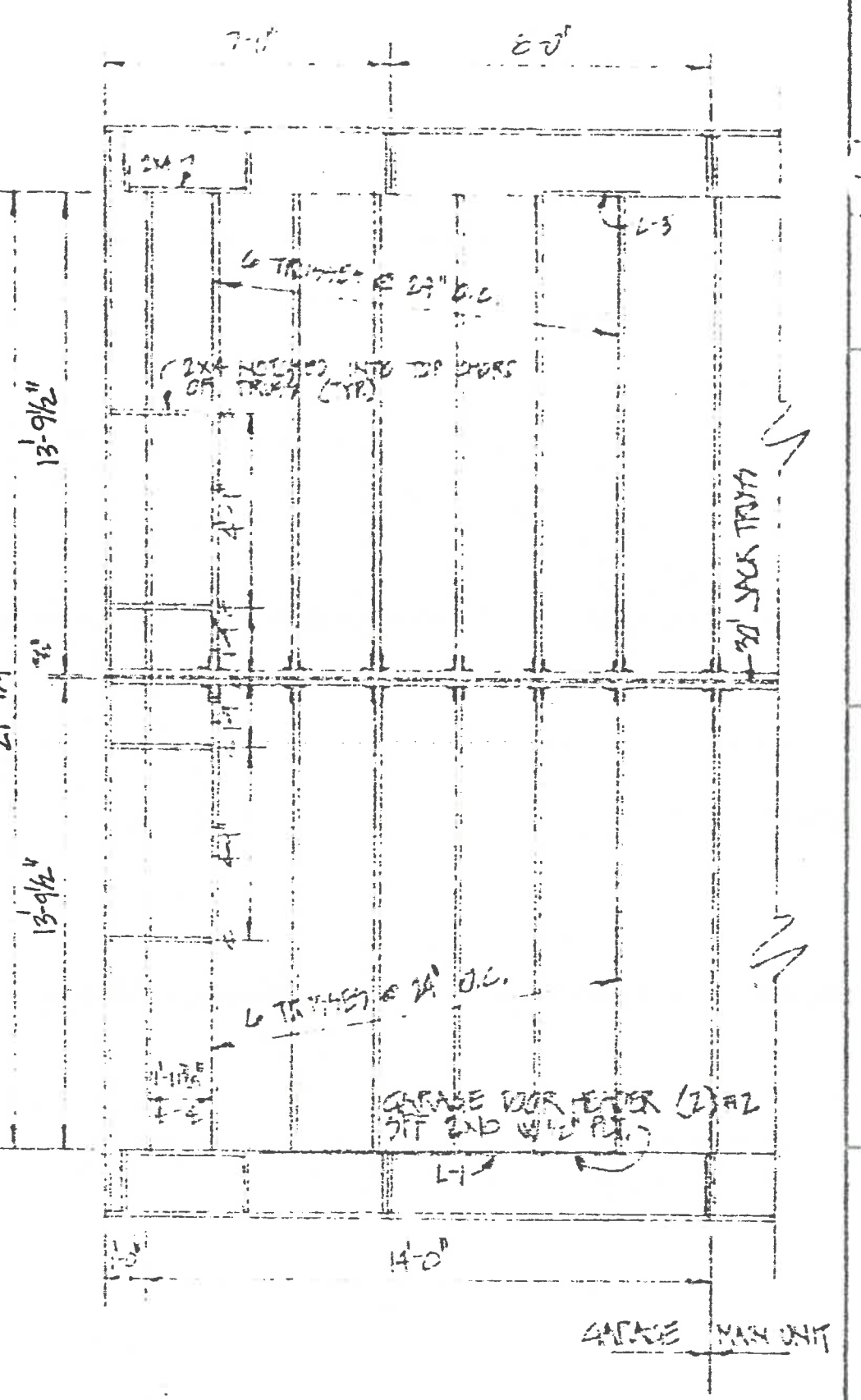
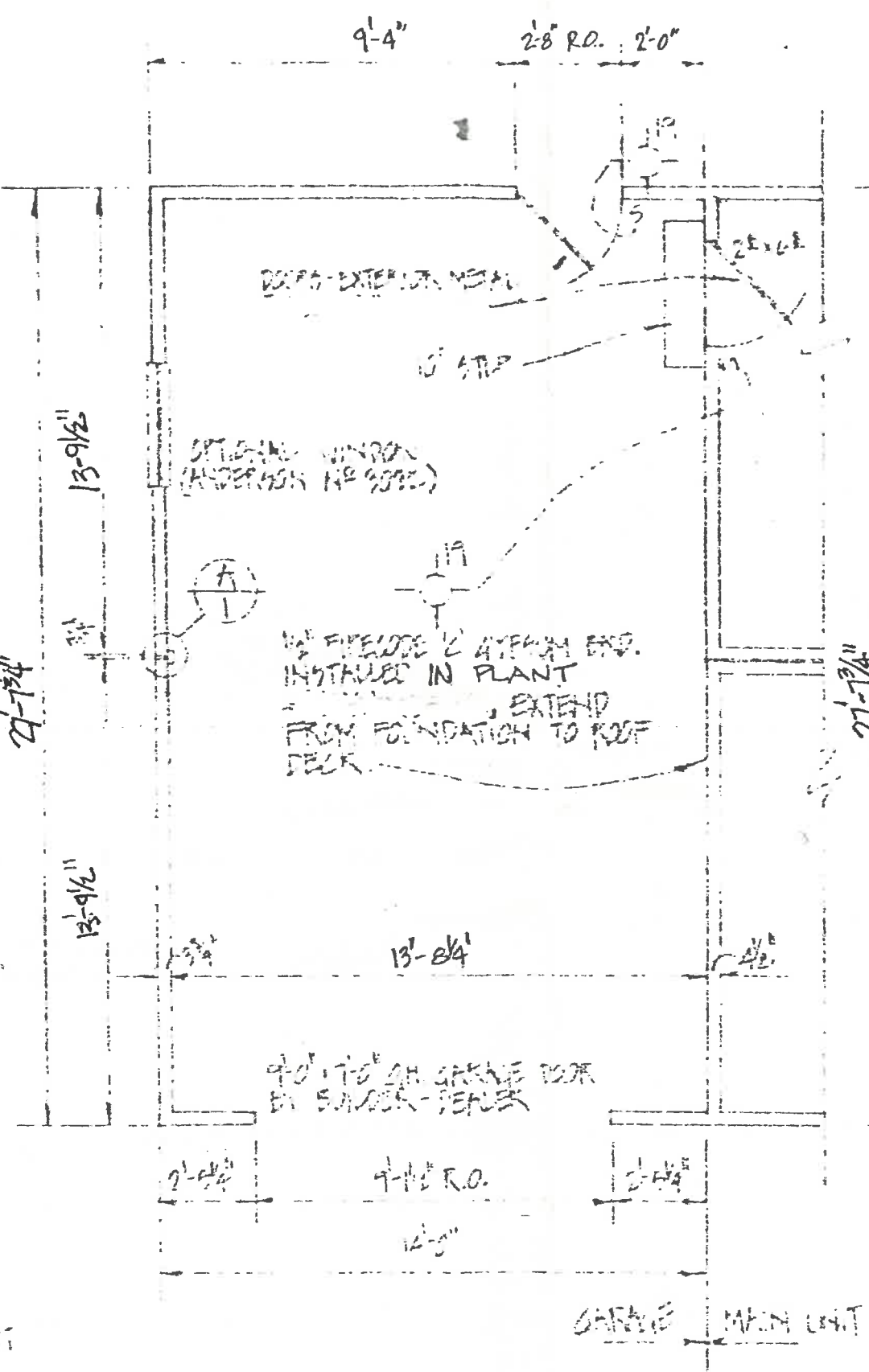
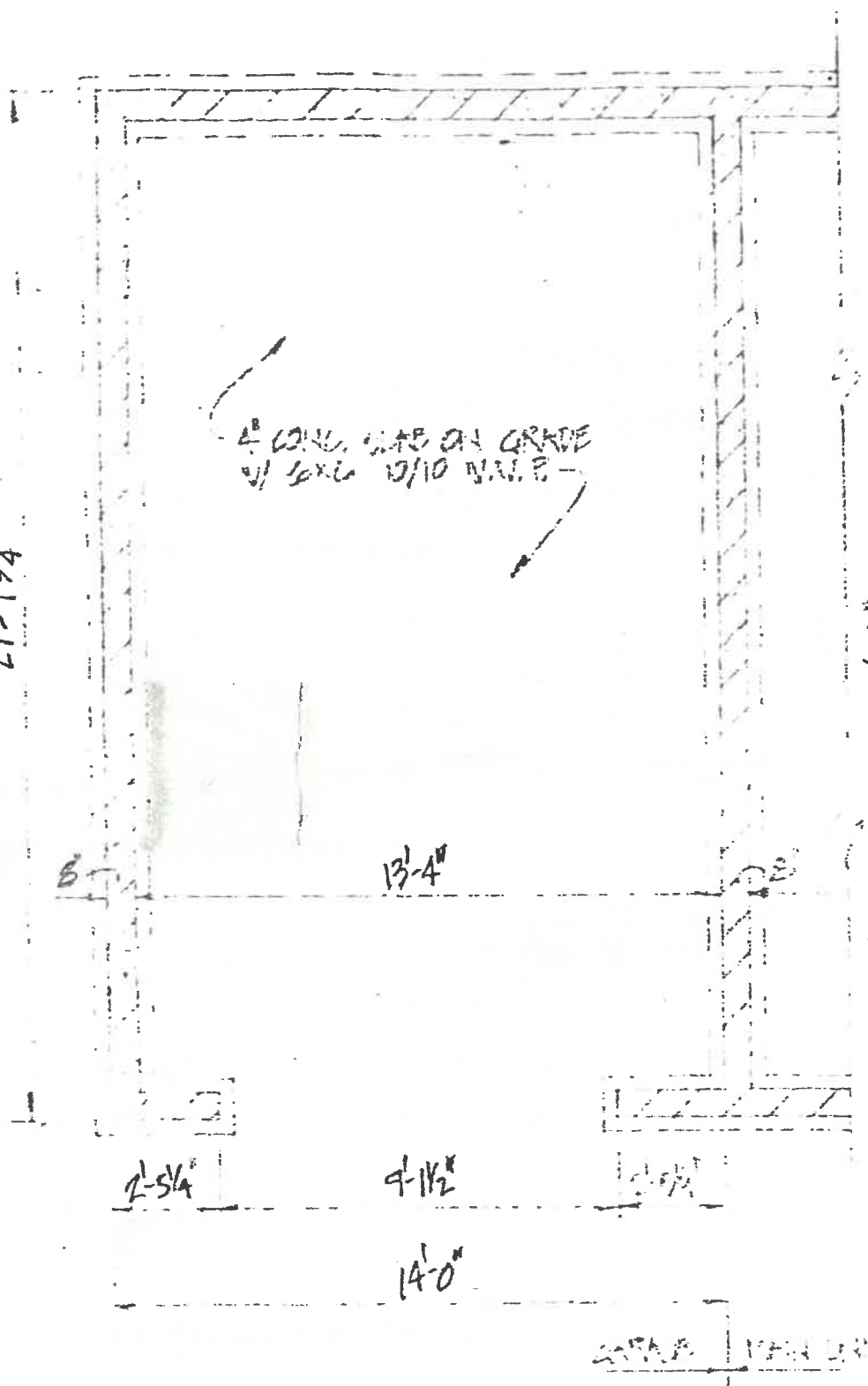
### RIGHT ELEVATION







- BUILDING CROSS-SECTION -  
SCALE - 1/2" = 1'-0"



FOUNDATION PLAN  
 SCALE - 1/2" = 1'-0"

FLOOR PLAN  
 SCALE - 1/2" = 1'-0"

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

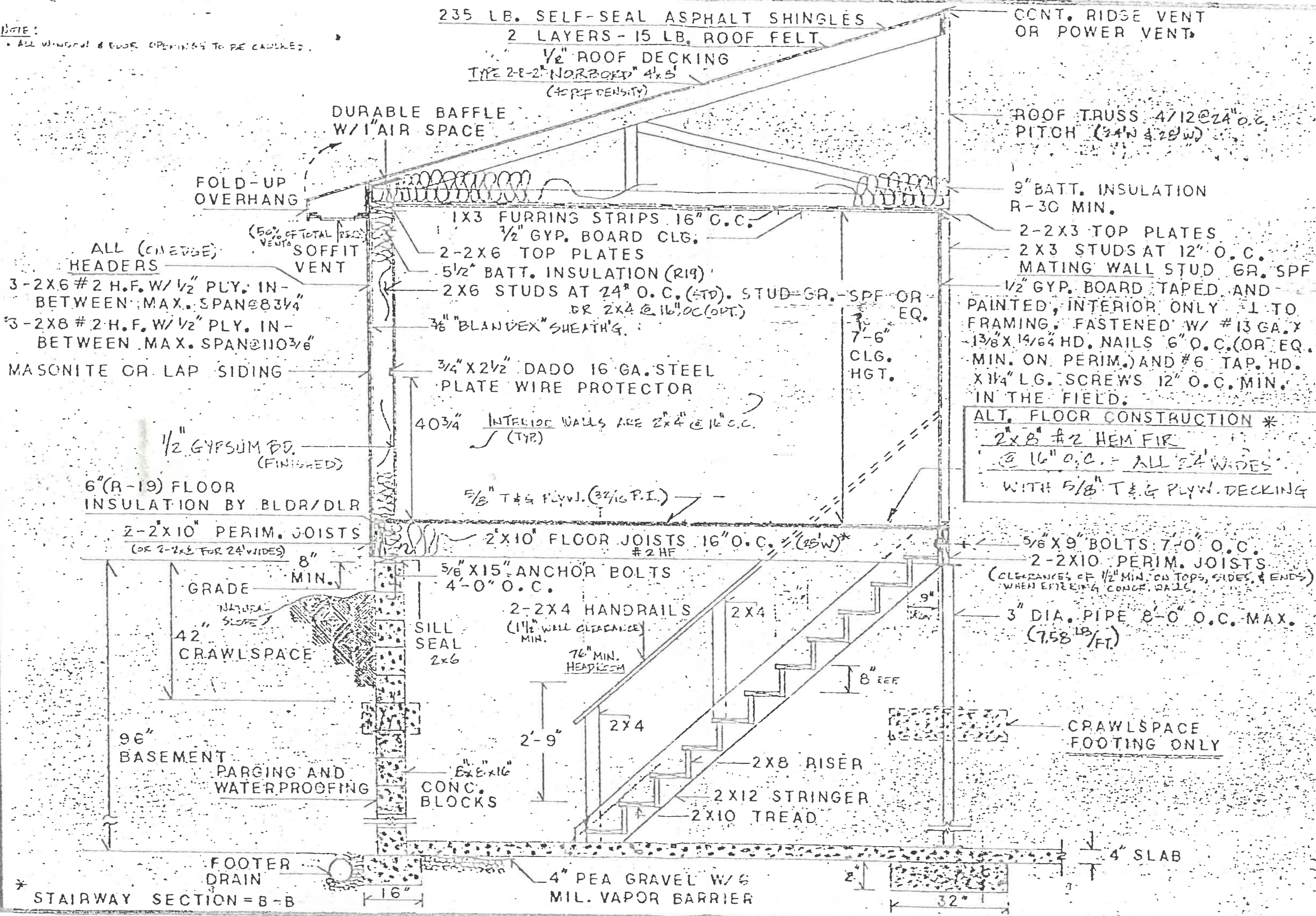


NOTE -  
 1/2" DIA. PIPE  
 1/2" DIA. ROD  
 1/2" DIA. AREA  
 2x4

NOTE -  
 TRUSS RAFTERS - 2x4 STRIKE OR EQUAL  
 JACK TRUSS PER MEANS'S STEEL.  
 ALL OTHER FRAMING SPT #2

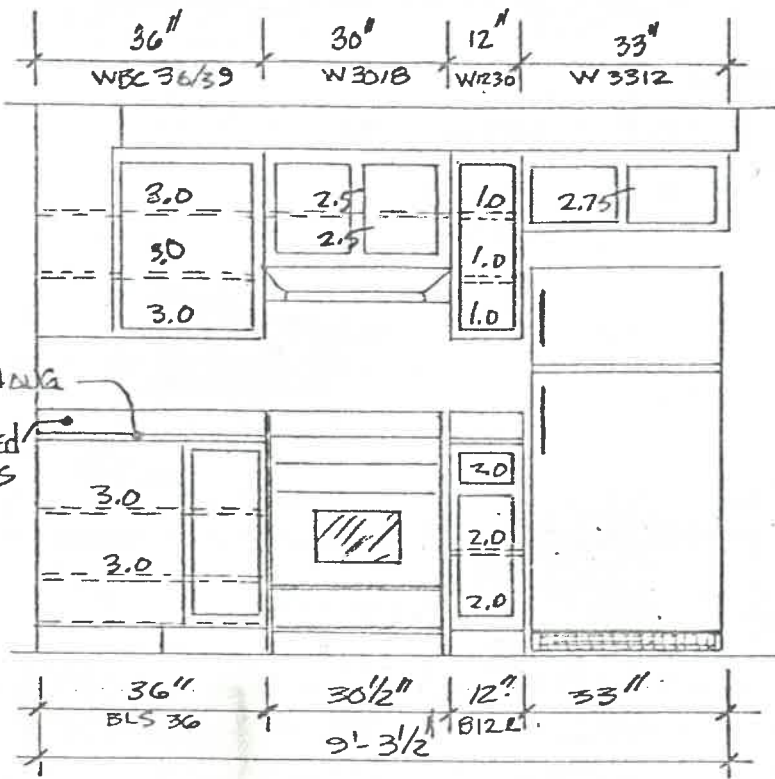


NOTE:  
 \* ALL WINDOWS & DOOR OPENINGS TO BE CAULKED.

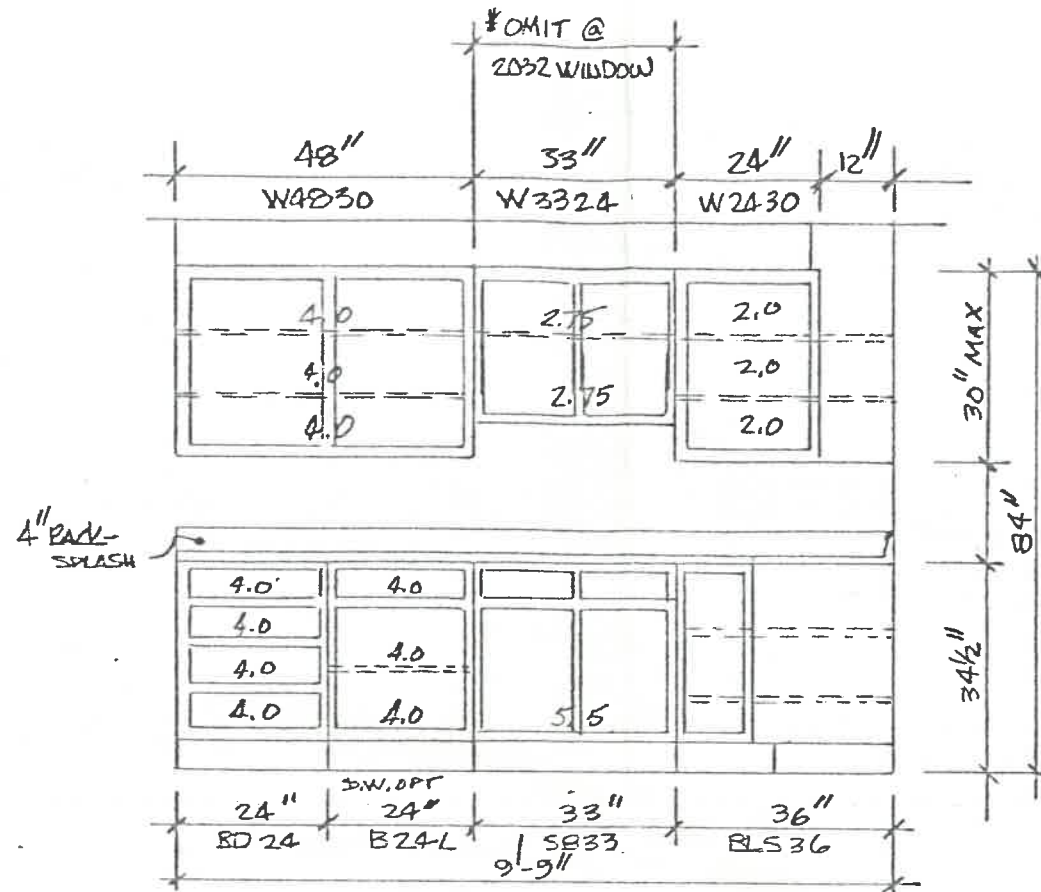


ALT. FLOOR CONSTRUCTION \*  
 2x8 #2 HEM FIR  
 @ 16" o.c. - ALL 24" WIDES  
 WITH 5/8" T & G PLYW. DECKING

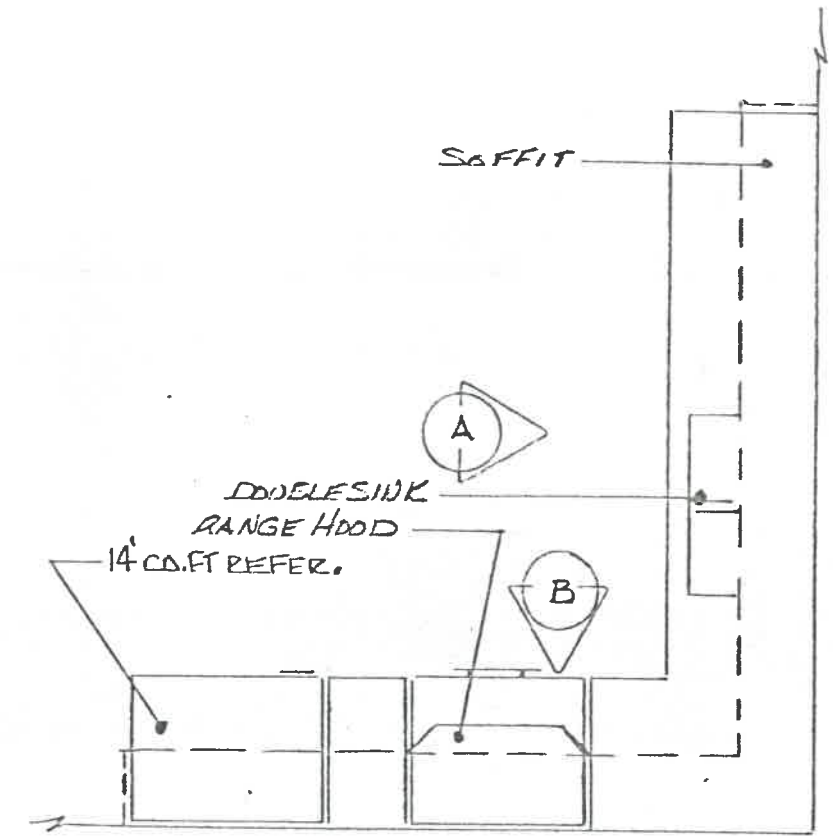
\* STAIRWAY SECTION = B-B



ELEVATION 'B'



ELEVATION 'A'



KITCHEN PLAN

SHELVING, DRAWER, & COUNTER TOP AREAS

WALL SHELVING: 43.25  $\phi$   
 BASE SHELVING: 25.50  $\phi$   
 DRAWER AREA: 22.0  $\phi$   
 COUNTER TOP: 23.56  $\phi$ ; 135 LIN. INCHES

NOTE: RANGE HOOD NOT VENTED WITH LITE

NOTE: REVERSE KITCHEN PLAN @ MODEL # 102



TOP CHORD (2x6 No. 2 SPF)  
F<sub>b</sub> = 1000 PSI

L.L. = 30 PSF  
D.L. = 10 PSF @ 24" O.C.

$$M_{TC} = \frac{WL^2}{8} = \frac{.04 \times 72.5^2 \times 24}{8 \times 144} = 4.38 \text{ inK}$$

$$F_c = \frac{C}{A} = \frac{1220 \#}{1.15 \times 1.5 \times 5.5} = 129.6 \text{ PSI}$$

$$F_b = \frac{4.380}{1.15(7.56)} = 503 \text{ PSI}$$

$$\frac{F_b}{F_{b \text{ ALLOW}}} + \frac{F_c}{F_{c \text{ ALLOW}}} = \frac{503}{1000} + \frac{129.6}{725} = .68 < 1.0 \quad \therefore \text{OK}$$

BOTTOM CHORD (2x4 No. 2 SPF)  
F<sub>b</sub> = 1150 PSI

D.L. = 10 PSF

$$M_{BC} = \frac{WL^2}{8} = \frac{.010 \times 84^2 \times 24}{8 \times 144} = 1.47 \text{ inK}$$

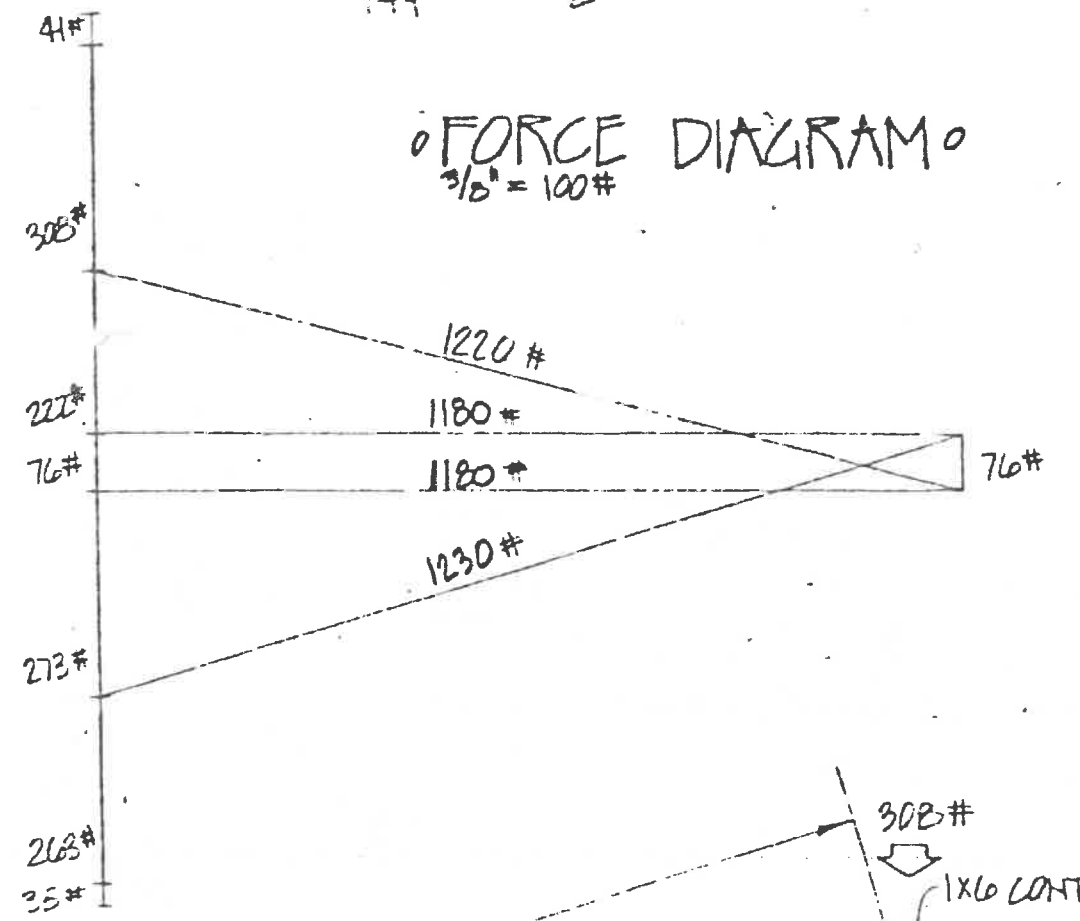
$$F_b = \frac{1.47}{1.15(3.06)} = 417 \text{ PSI}$$

$$F_T = \frac{T}{A} = \frac{1180 \#}{1.5 \times 3.5} = 225 \text{ PSI}$$

$$\frac{F_T}{F_{T \text{ ALLOW}}} + \frac{F_b}{F_{b \text{ ALLOW}}} = \frac{225}{600} + \frac{417}{1150} = .74 < 1.0 \quad \therefore \text{OK}$$

$$F_c = \frac{40 \text{ PSF} \times 24'}{144} \times \frac{171.5''}{2} = 571 \# \quad F_{c0} = 714 \#$$

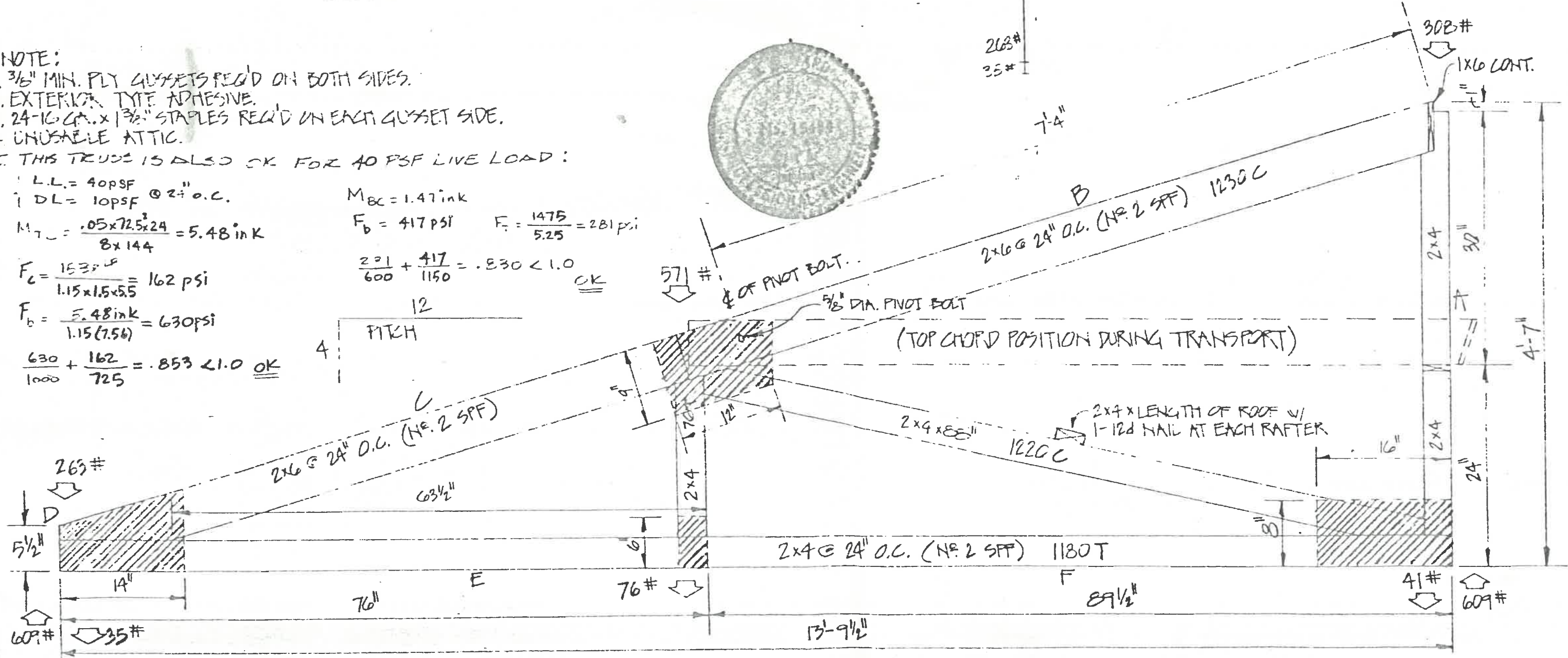
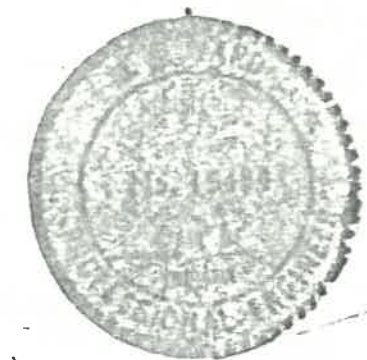
FORCE DIAGRAM  
3/8" = 100#

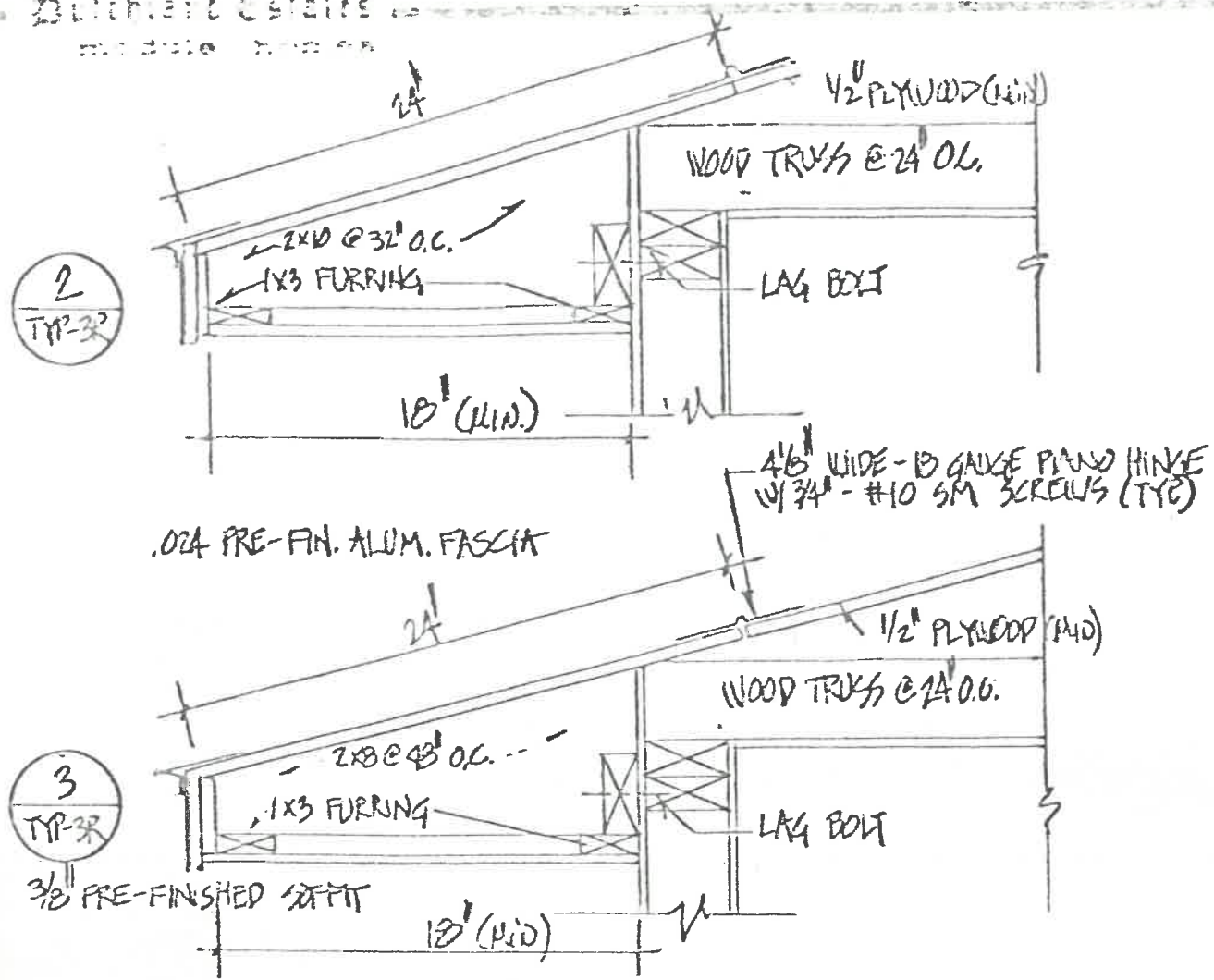


- NOTE:  
 1. 3/8" MIN. PLY GUSSETS REQ'D ON BOTH SIDES.  
 2. EXTERIOR TYPE ADHESIVE.  
 3. 24-16 GA. x 1 3/8" STAPLES REQ'D ON EACH GUSSET SIDE.  
 4. UNUSUAL ATTIC.  
 5. THIS TRUSS IS ALSO OK FOR 40 PSF LIVE LOAD:

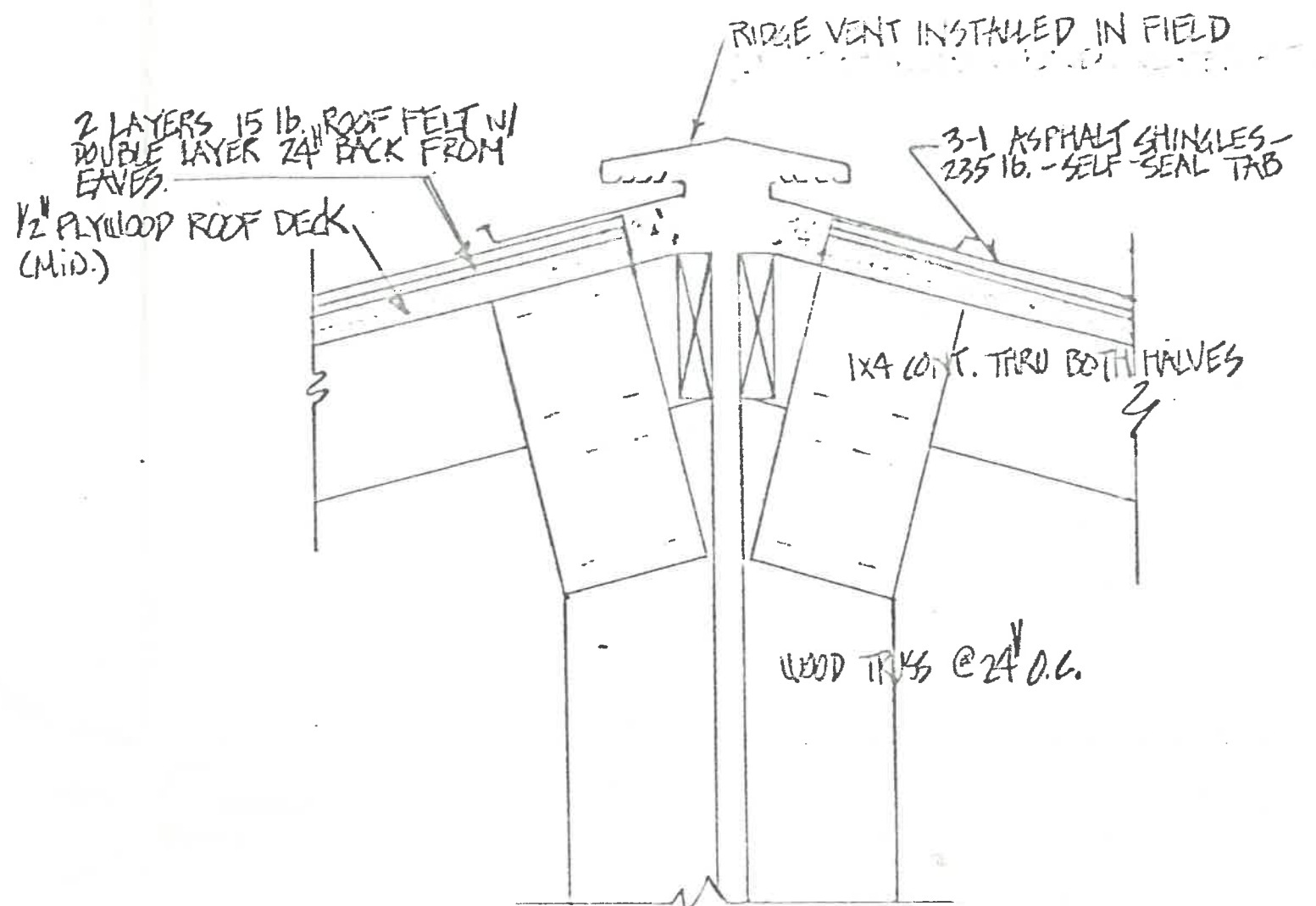
L.L. = 40 PSF  
 D.L. = 10 PSF @ 24" O.C.  
 $M_{TC} = \frac{.05 \times 72.5^2 \times 24}{8 \times 144} = 5.48 \text{ inK}$   
 $F_c = \frac{1530 \#}{1.15 \times 1.5 \times 5.5} = 162 \text{ PSI}$   
 $F_b = \frac{5.48 \text{ inK}}{1.15(7.56)} = 630 \text{ PSI}$   
 $\frac{630}{1000} + \frac{162}{725} = .853 < 1.0 \quad \text{OK}$

M<sub>BC</sub> = 1.47 inK  
 F<sub>b</sub> = 417 PSI  
 $F_c = \frac{1475}{5.25} = 281 \text{ PSI}$   
 $\frac{281}{600} + \frac{417}{1150} = .830 < 1.0 \quad \text{OK}$

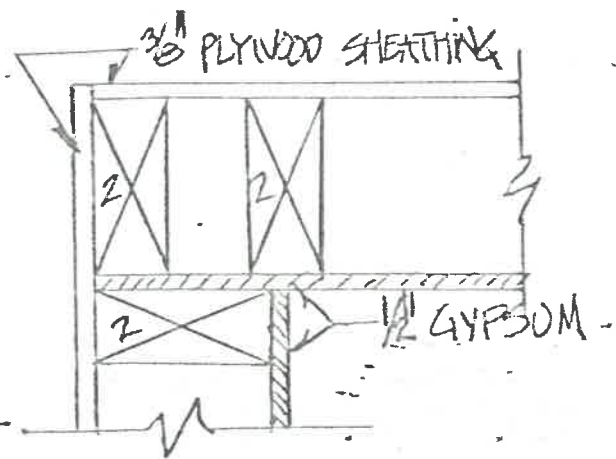




0 TYPICAL OVERTHANG DETAILS 0  
 SCALE - 1/2" = 1'-0"



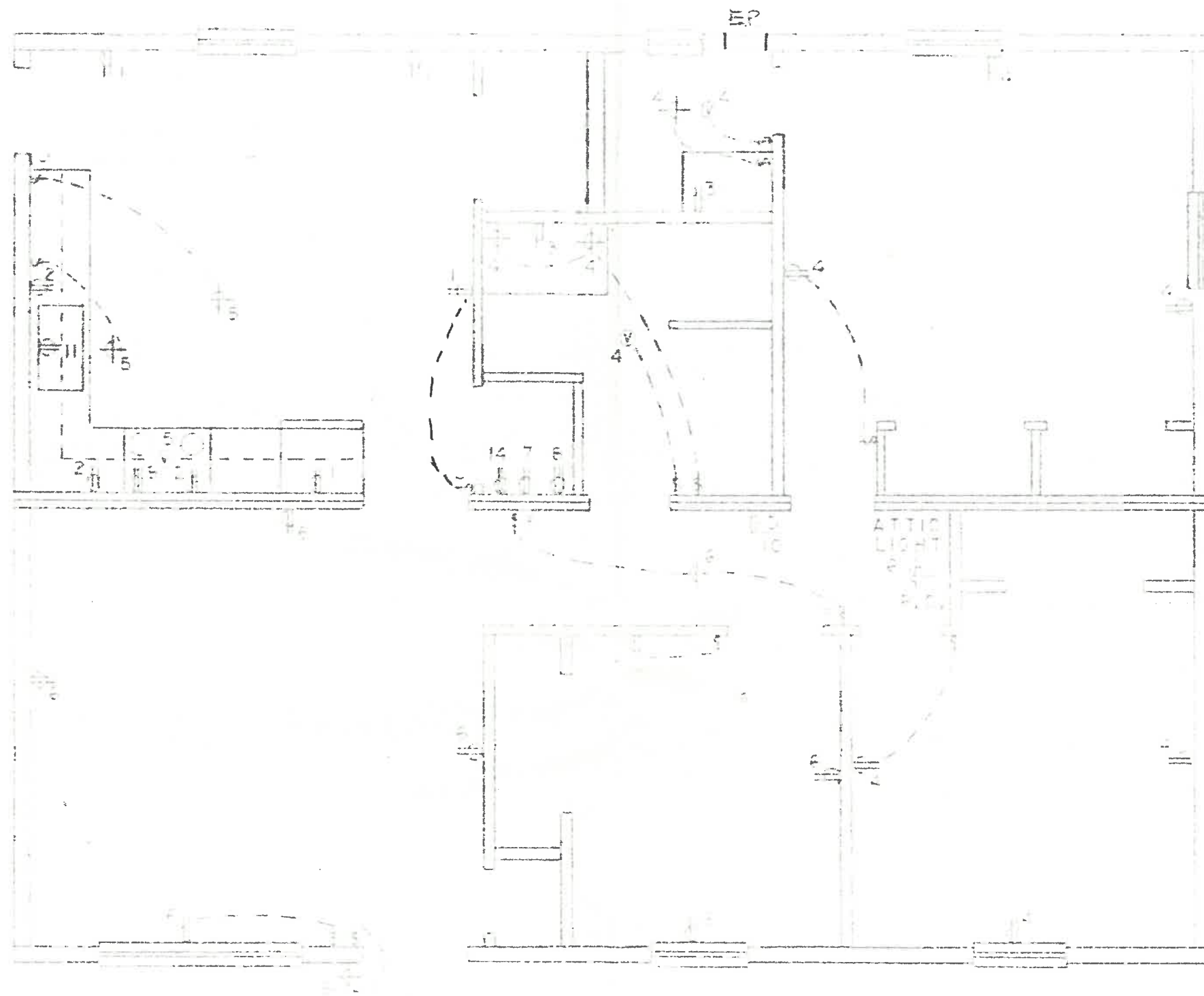
0 ROOF RIDGE DETAIL 0  
 SCALE - 3/4" = 1'-0"



6  
TYP-3R

0 TYPICAL EXT. CORNER 0  
 SCALE - 3/8" = 1'-0"





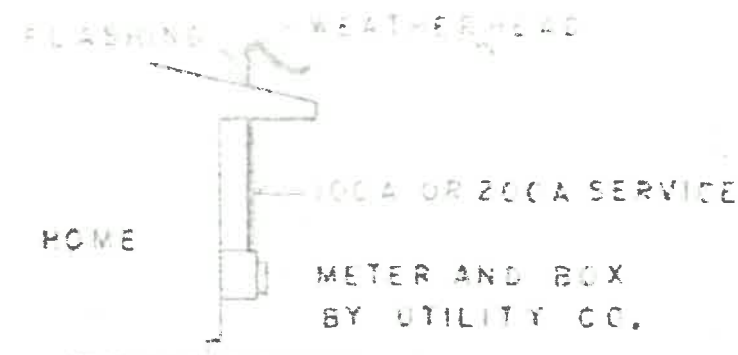
ELECTRICAL PLAN

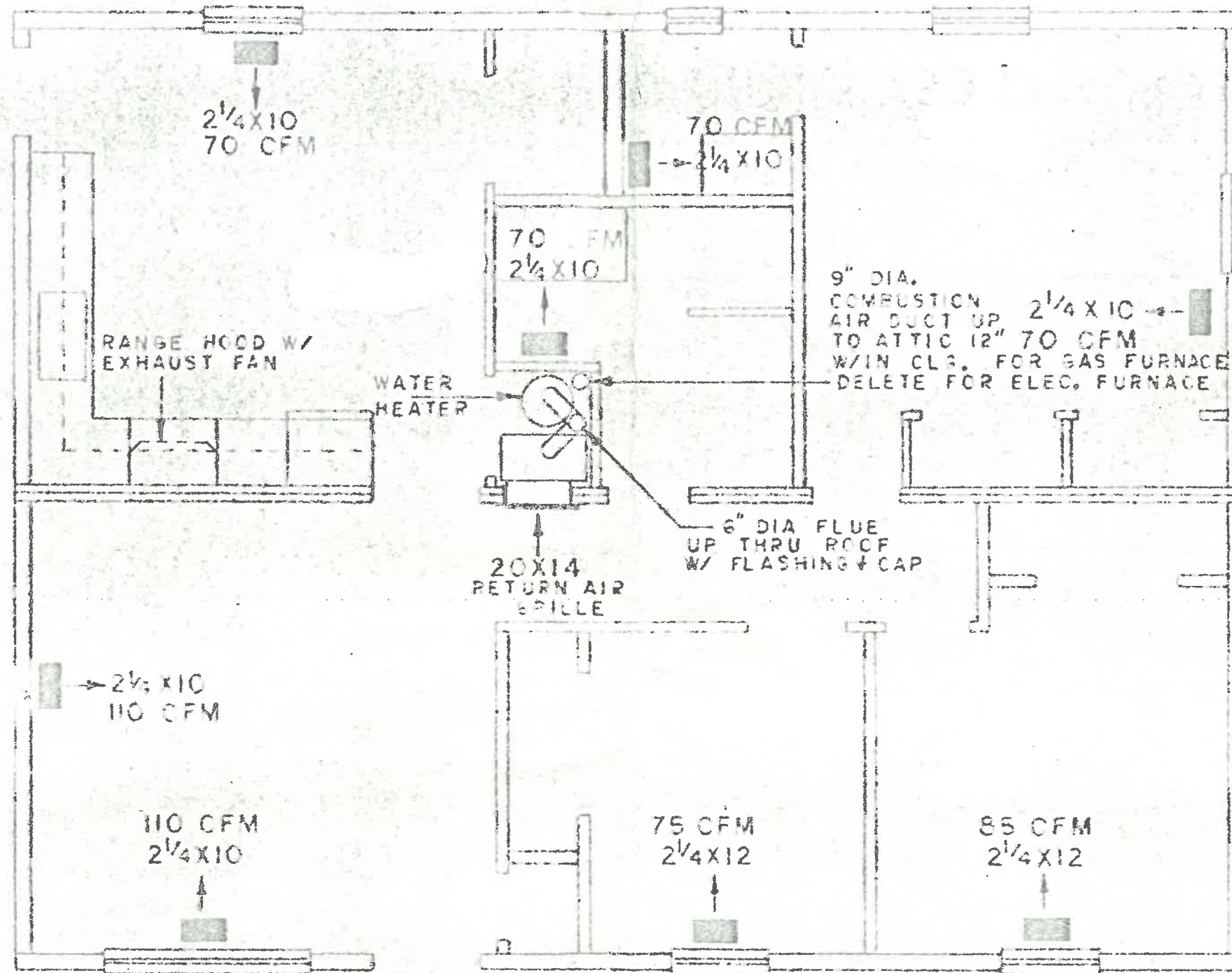
ELECTRICAL SCHEDULE

1	20A 115V APPLIANCE	12-2/G	9	60A 230V RANGE	(OPT.)	8-3/G
2	20A 115V "	12-2/G	10	15 A 115V SMOKE DETECTOR		12-2/G
3	15A 115V G.F.I.	12-2/G	11	15 A 115V DISPOSAL		12-2/G
4	15A 115V LIGHTING	12-2/G	12	30A 230V DRYER	(OPT.)	10-3/G
5	15A 115V "	12-2/G	13	20A 115V LAUNDRY		12-2/G
6	15A 115V "	12-2/G	14	20A 230V WATERHEATER	(OPT.)	10-3/G
7	15A 115V FURNACE BLOWER	12-2/G	15	20 A 115V SUMP PUMP	(OPT.)	12-2/G
8	100A 230V FURNACE (OPT.)	2-3/G				

NOTE - 200 AMP. SERVICE FOR ALL ELECTRIC UNITS.

ELECTRICAL ENTRANCE DETAIL



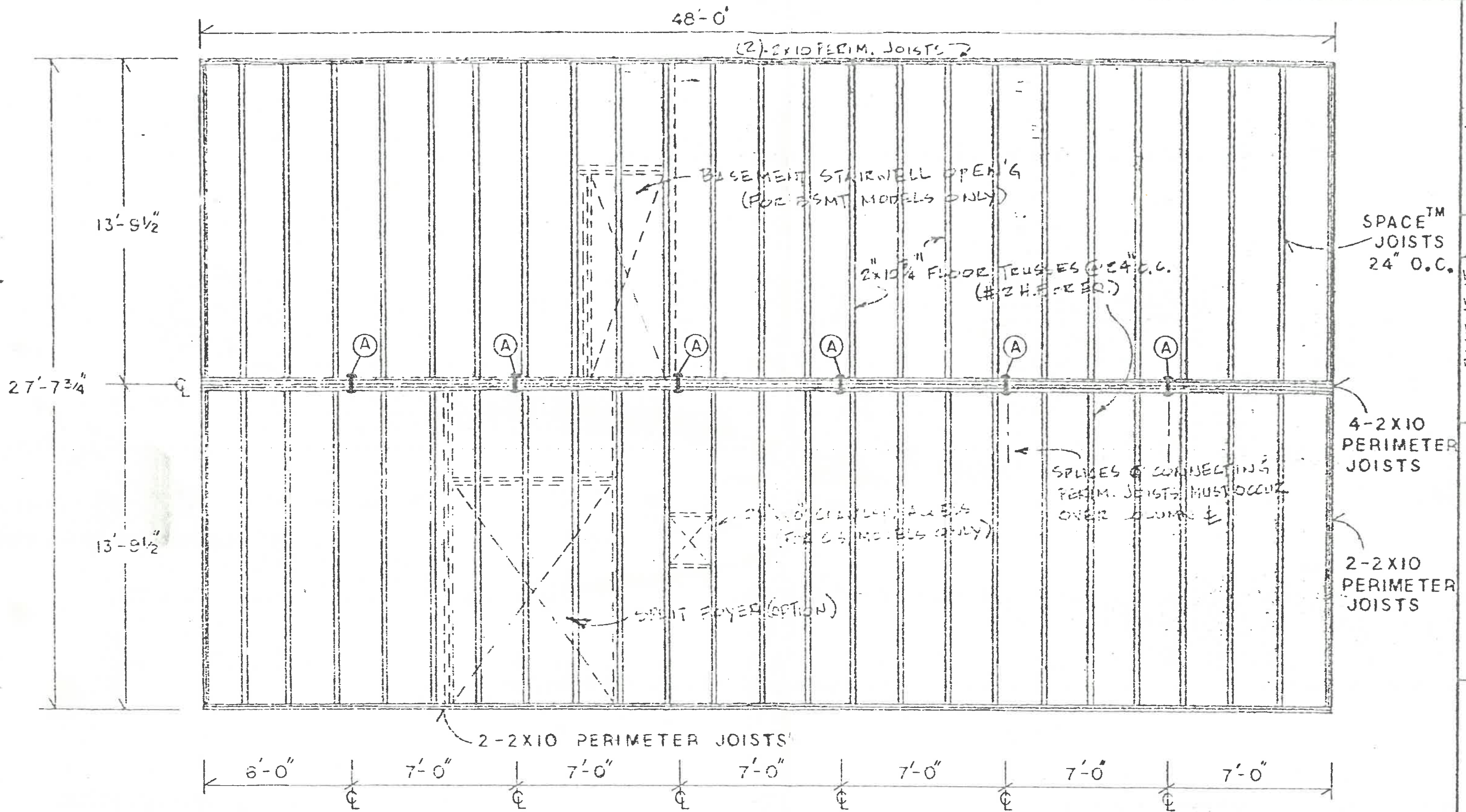


HEATING FLOOR PLAN

NOTE:

1. SEE HEAT LOSS CALCS FOR TOTAL AND ROOM HEAT LOSSES (SEE SECTION F)



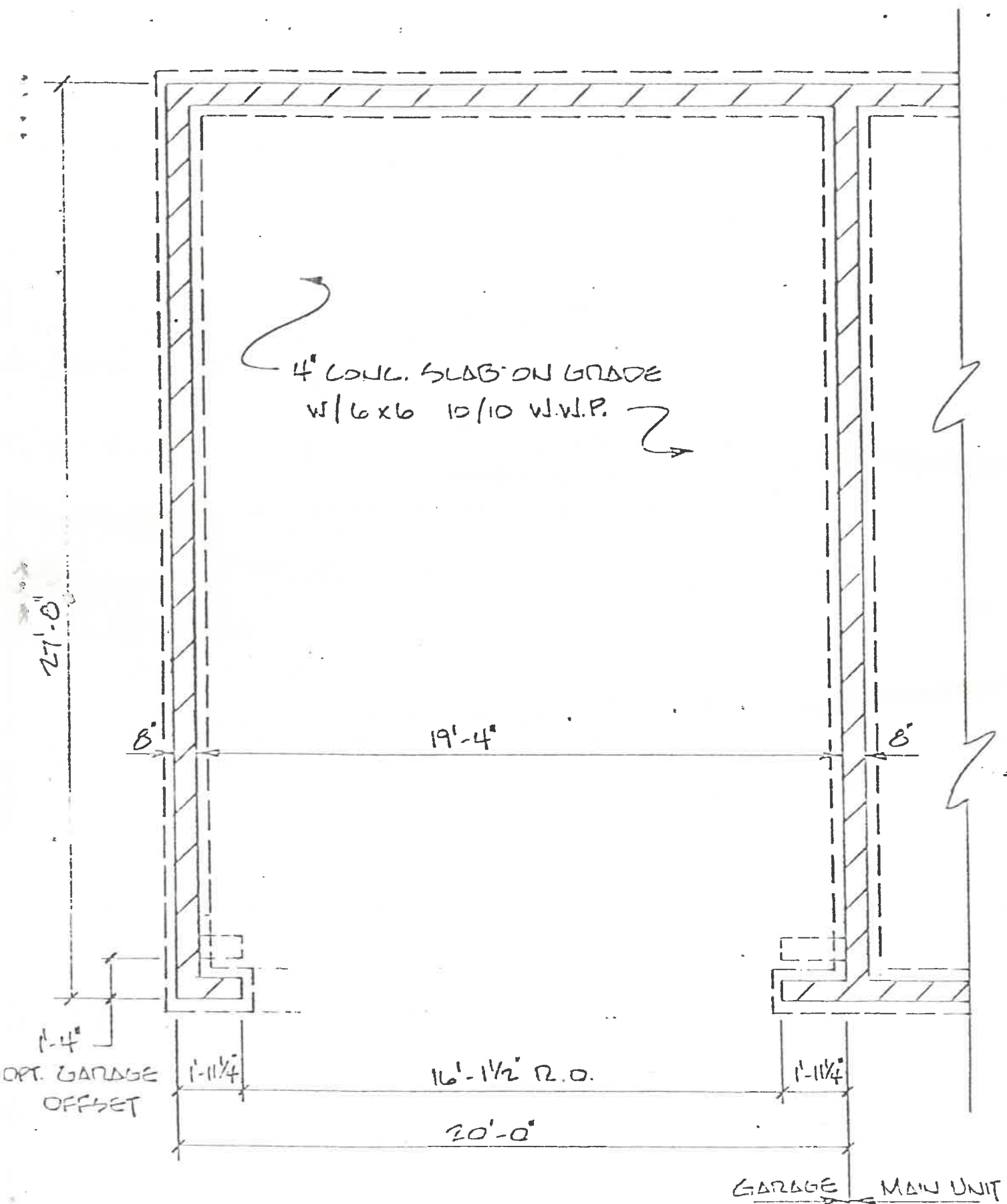


### FLOOR FRAMING PLAN

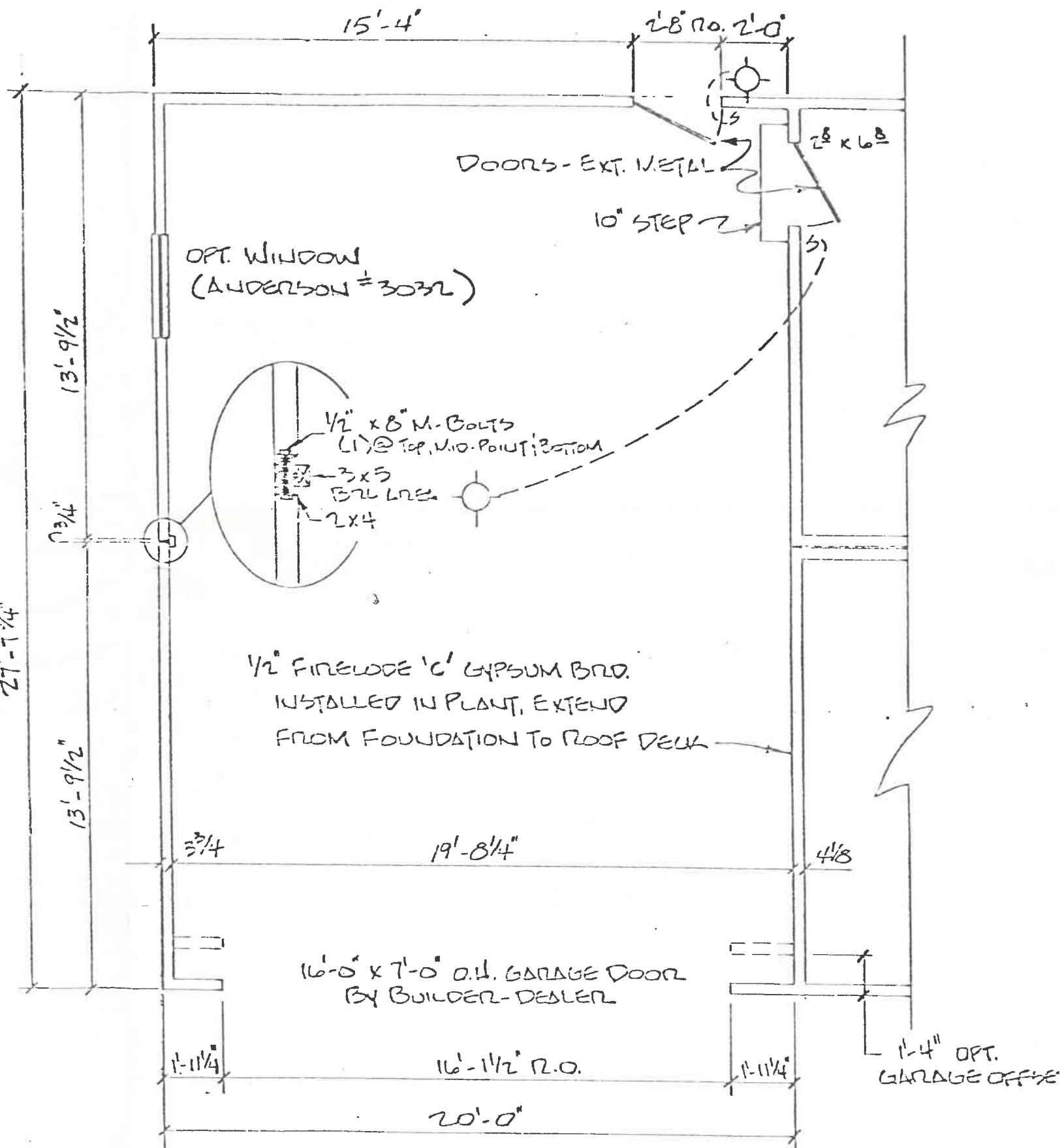
**- FLOOR DECKING SYSTEM -**

1. 1/2" Ply (BOT. LAYER, 1/2" PARTIALLY TOP LAYER)
2. 3/4" Ply (TOP LAYER, WITHOUT PARTIALLY)

- NOTES:
1. (A) = 5/8" x 4" BOLTS & WASHERS EA. SIDE AS SHOWN
  2. ALL FLOOR FRAMING MEMBERS ARE 2x10 1/4" FLOOR TRUSSES @ 24" O.C.
  3. 2-10D NAILS & 2-30D NAILS @ END OF JOISTS TO PERIM. JOIST.
  4. 2'-0" MAX. SPACING (SEE STR. CALCS)



~ FOUNDATION PLAN ~



~ FLOOR PLAN ~