

Preliminary Plan Lot 9- 13th Ave 6-21-18

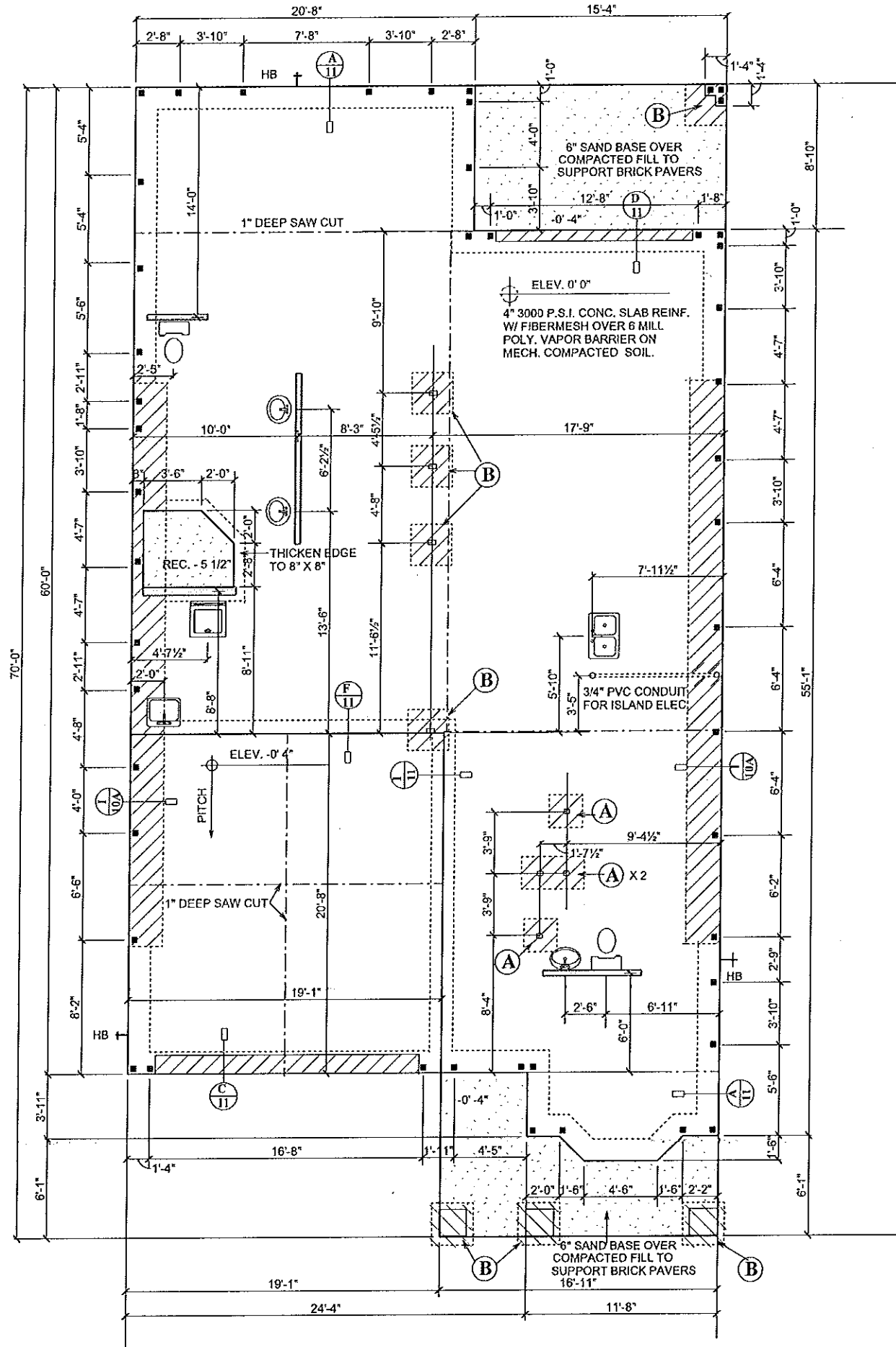
DRIVEWAY SPEC:  
 DRIVEWAY NOT IN RIGHT OF WAY AND ALL SIDEWALKS TO BE 4" 3000PSI CONC. W/ FIBERMESH.  
 DRIVEWAY IN RIGHT OF WAY TO BE 6" 3000 PSI CONCRETE WITH FIBERMESH AND WIRE REINFORCEMENT.

- NOTES**
- 1) THE FOUNDATION SYSTEM FOR THIS PLAN IS DESIGNED FOR A MINIMUM ALLOWABLE SOIL BEARING PRESSURE OF 2,000 P.S.F. WITH NO SOILS REPORT OR INFORMATION PROVIDED.
  - 2) FOOTINGS TO BEAR MIN. 12" BELOW GRADE.
  - 3) FOOTINGS TO BEAR ON UNDISTURBED SOIL OR FILL COMPACTED TO 95% MOD. PROCTOR BETWEEN LESS THAN 12" LIFTS.
  - 4) ALL BEARING SOILS TO BE FREE OF DEBRIS AND ORGANIC MATERIAL.
  - 5) REFER TO STRUCTURAL ENGINEER NOTES.

**TERMITE SPECIFICATIONS:**  
 INSTALL "BORA-CARE" TERMITE PROTECTION SYSTEM PER MANUF. SPECIFICATIONS

**CONCRETE PADS**

- (A) 24" X 24" X 20" DEEP CONC. PAD W/ 3 # 5 REBAR EACH WAY
- (B) 30" X 30" X 20" DEEP CONC. PAD W/ 4 # 5 REBAR EACH WAY
- (C) 36" X 36" X 20" DEEP CONC. PAD W/ 4 # 5 REBAR EACH WAY
- (D) 42" X 42" X 20" DEEP CONC. PAD W/ 5 # 5 REBAR EACH WAY
- (E) 48" X 48" X 20" DEEP CONC. PAD W/ 6 # 5 REBAR EACH WAY
- (F) 54" X 54" X 20" DEEP CONC. PAD W/ 7 # 5 REBAR EACH WAY



FOUNDATION PLAN

SCALE 1/8" = 1'-0"

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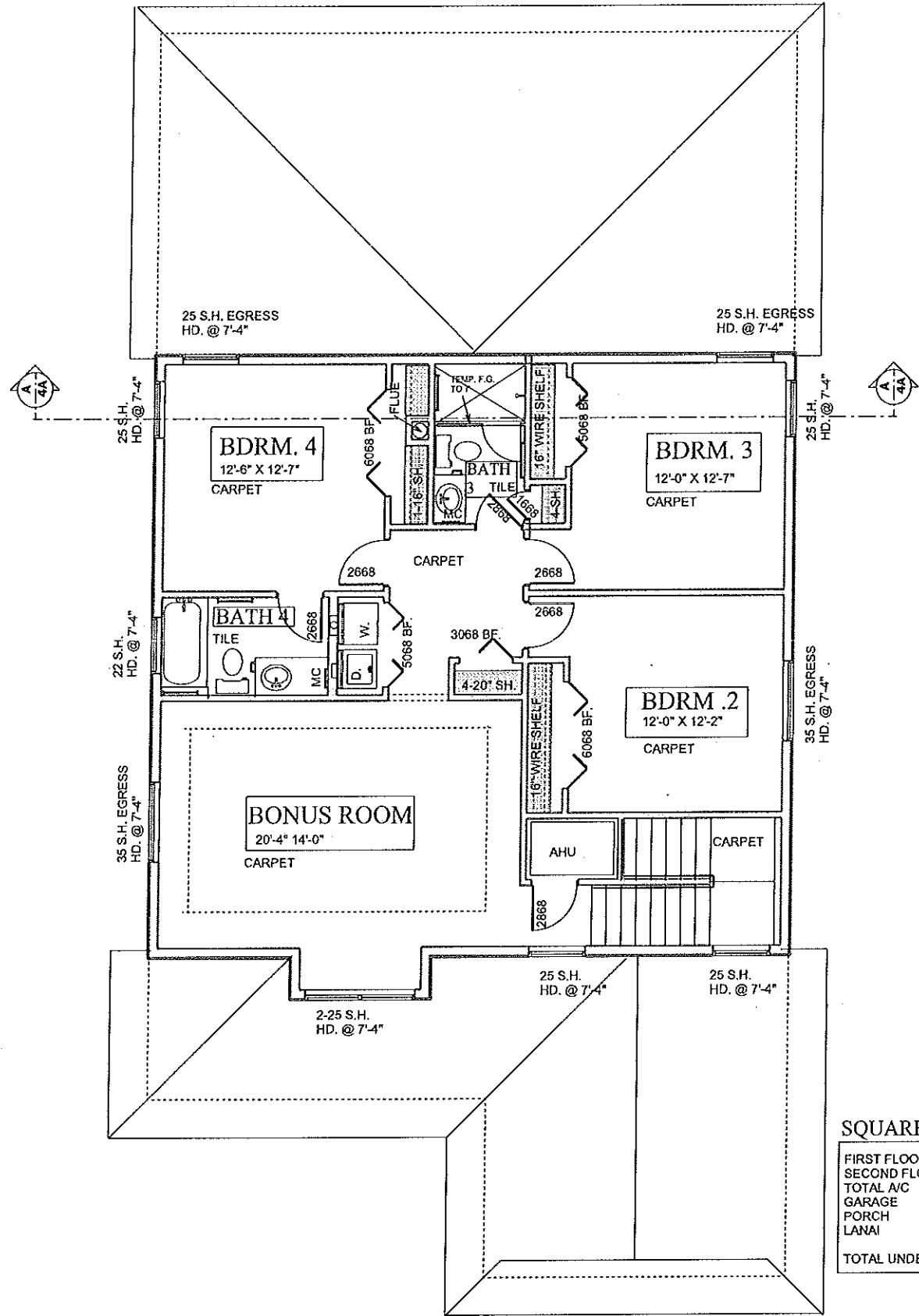
INVENTORY PROJECT  
 LOT 9-13 TH AVE.  
 SAFETY HARBOR, FL.

A.E.C.S. 00000

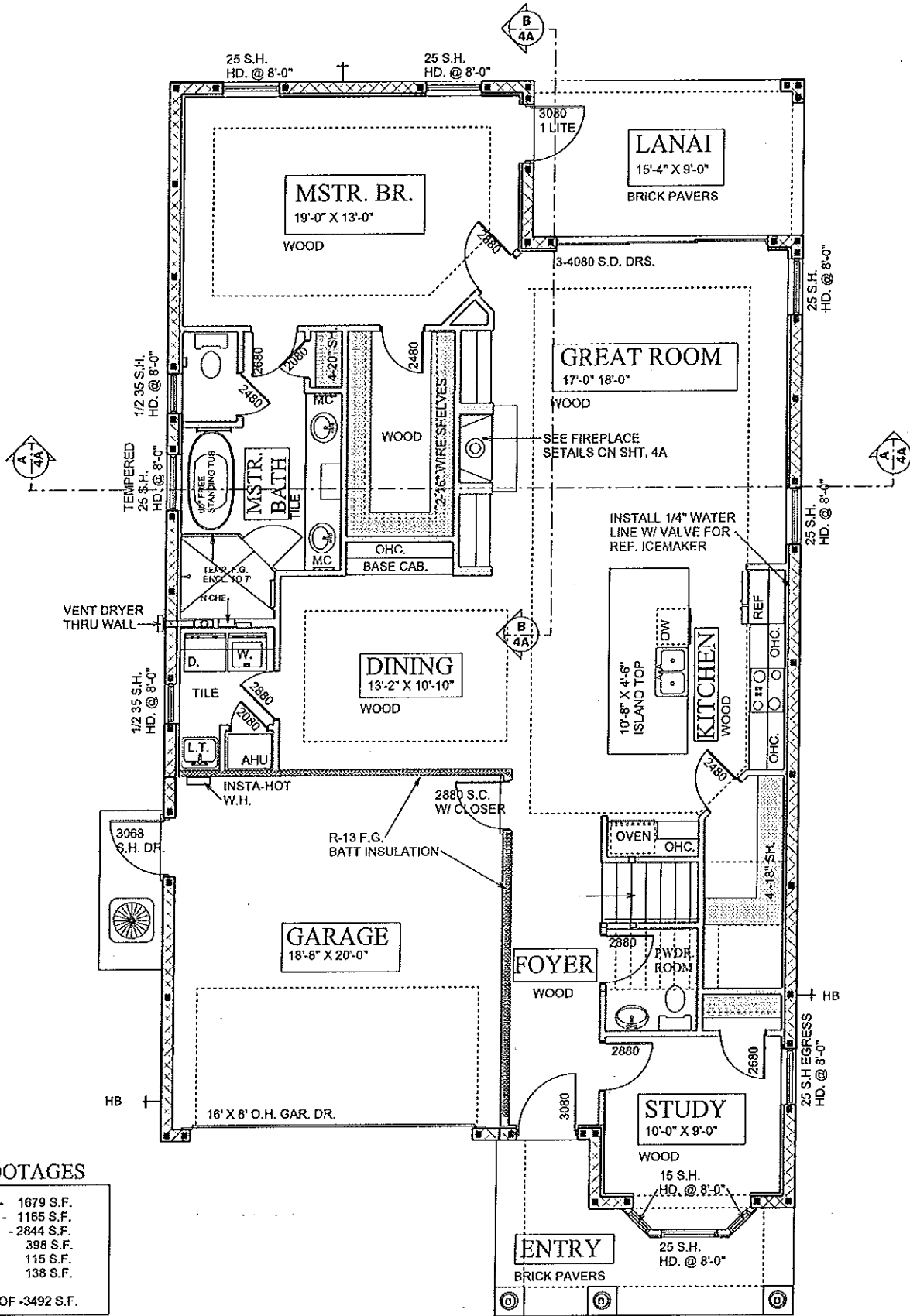
MODEL 2844

HEREBY CERTIFY THAT I HAVE PERFORMED THE ATTACHED DESIGN TO COMPLY WITH 145 MPH ULTIMATE WIND LOADS AND IT IS IN COMPLIANCE WITH SECT. 3017 OF THE 2017 FLORIDA RESIDENTIAL BUILDING CODE SEALED FOR STRUCTURE ONLY  
 SIGNED RICHARD E. ALLEN P.E. #56820

ALLEN ENGINEERING & CONSTRUCTION SERVICES  
 RICH ALLEN PROFESSIONAL ENGINEER  
 P.E. # 56820 C.A. # 9542  
 8809 SKYMASTER DR.  
 NEW PORT RICHEY, FL. 34654  
 727-542-6100  
 richallenpe@gmail.com



SECOND FLOOR



FIRST FLOOR

**SQUARE FOOTAGES**

FIRST FLOOR	- 1679 S.F.
SECOND FLOOR	- 1155 S.F.
TOTAL A/C	- 2844 S.F.
GARAGE	- 398 S.F.
PORCH	- 115 S.F.
LANAI	- 138 S.F.
<b>TOTAL UNDER ROOF</b>	<b>-3492 S.F.</b>

**FIRST FLOOR NOTES**

**2**

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**INVENTORY PROJECT**  
**LOT 9-13 TH AVE.**  
**SAFETY HARBOR, FL.**

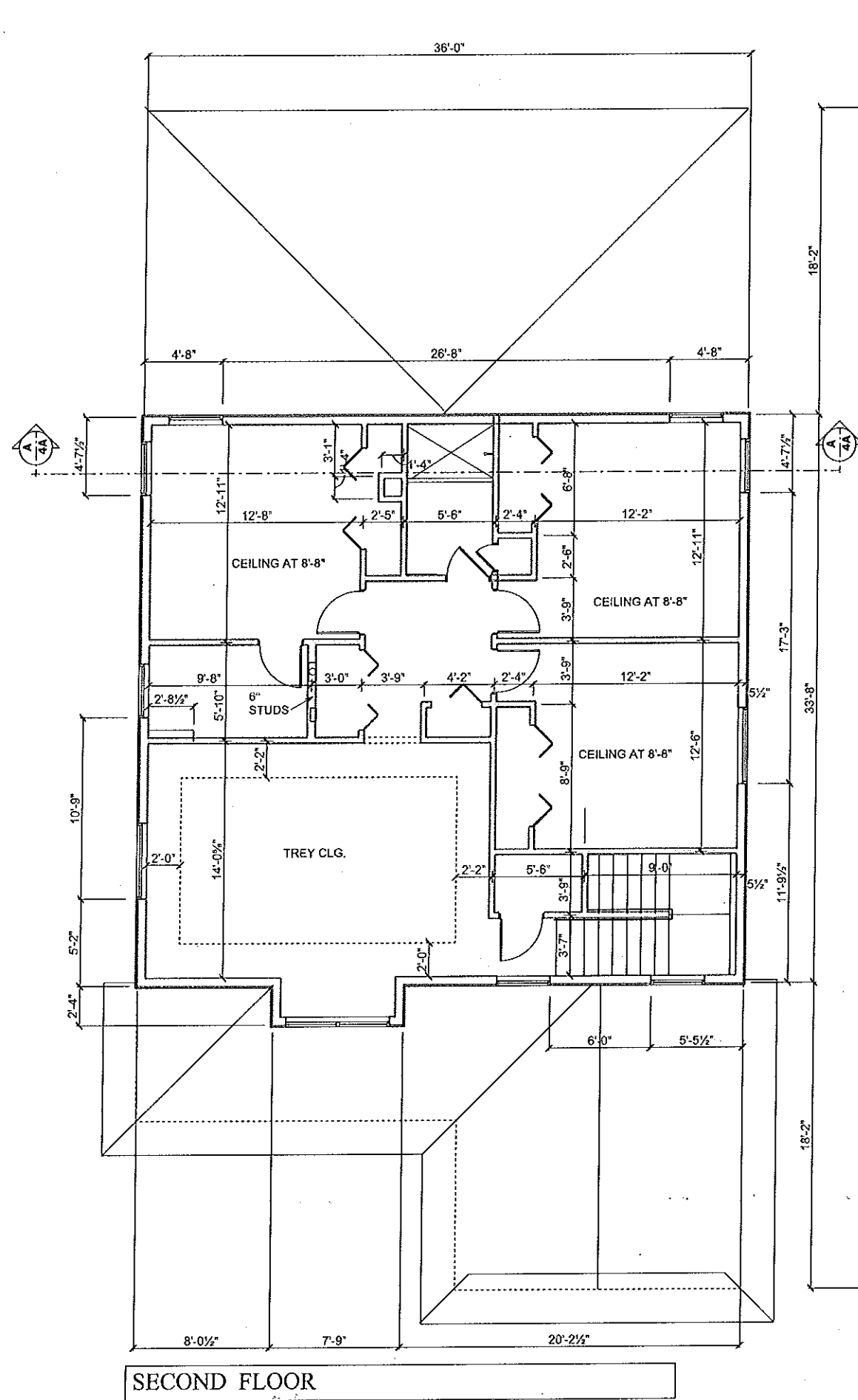
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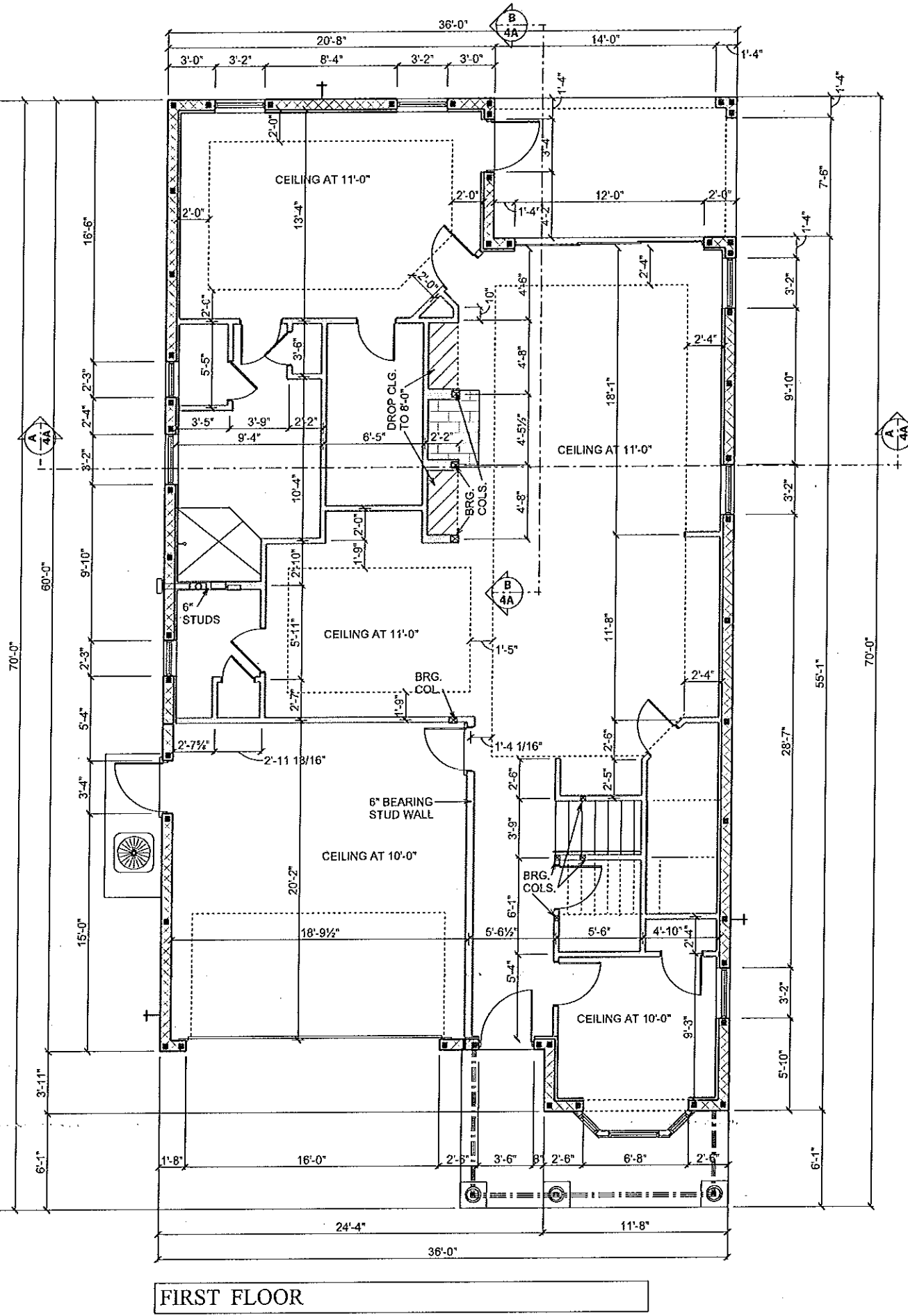
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SCALE 1/8" = 1'-0"



SECOND FLOOR



FIRST FLOOR

DIMENSION PLANS

SCALE 1/8" = 1'-0"

A.E.C.S. 0000

MODEL 2844

**3**

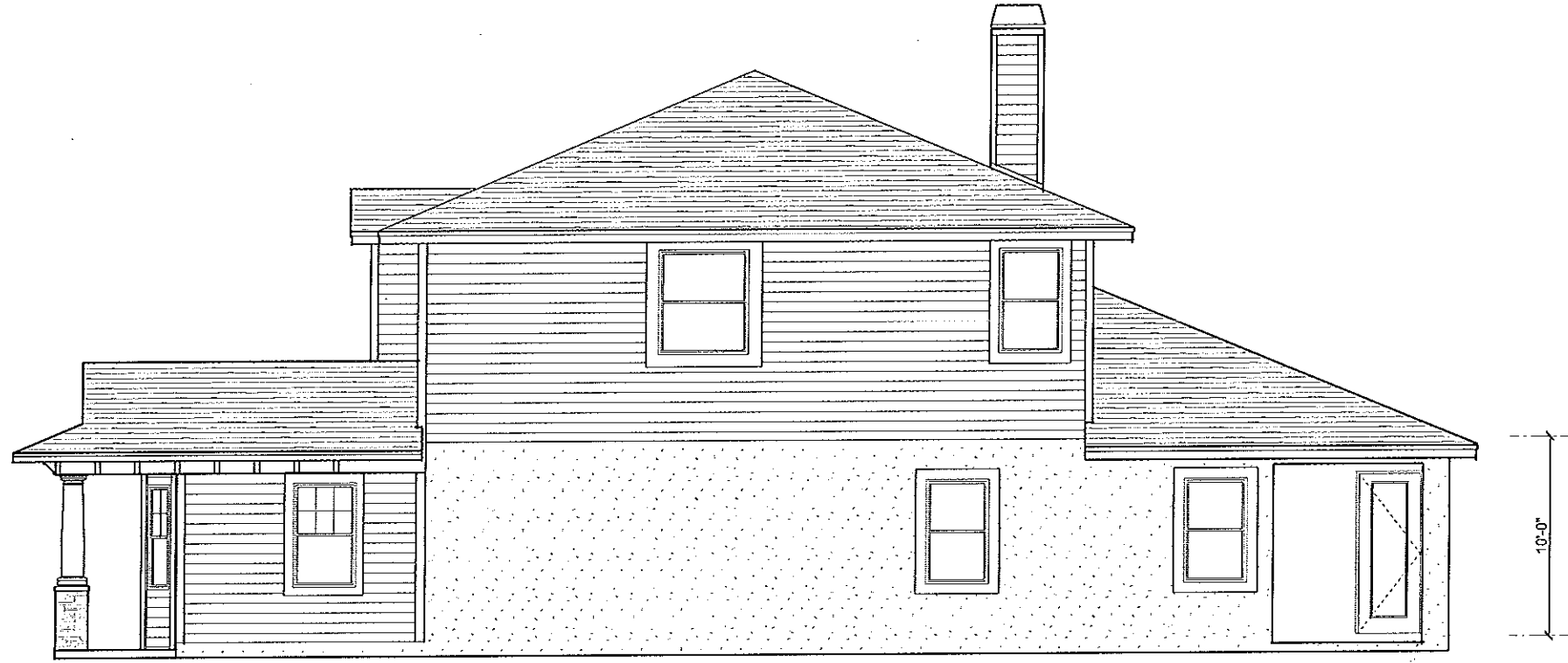
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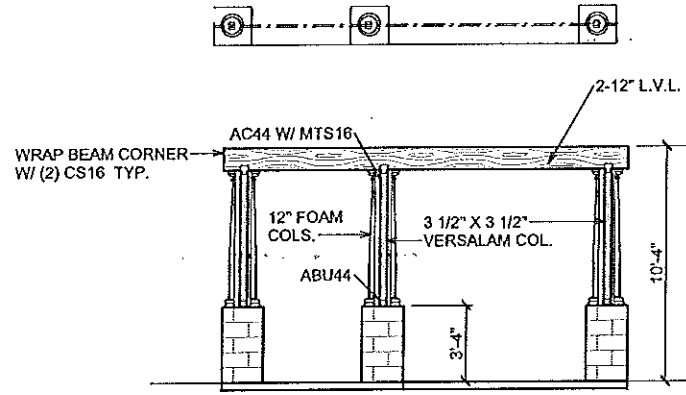
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RIGHT SIDE ELEVATION



COLUMN DETAIL



FRONT ELEVATION

EXTERIOR ELEVATIONS SCALE 1/8" = 1'-0"

A.E.C.S. 00000 MODEL 2844

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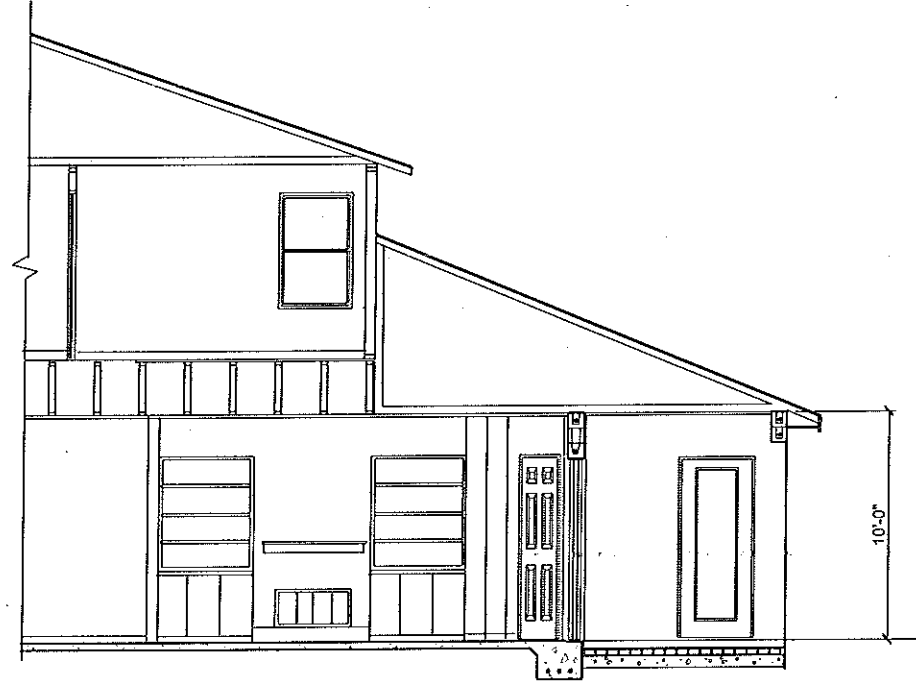
INVENTORY PROJECT LOT 9-13 TH AVE. SAFETY HARBOR, FL.

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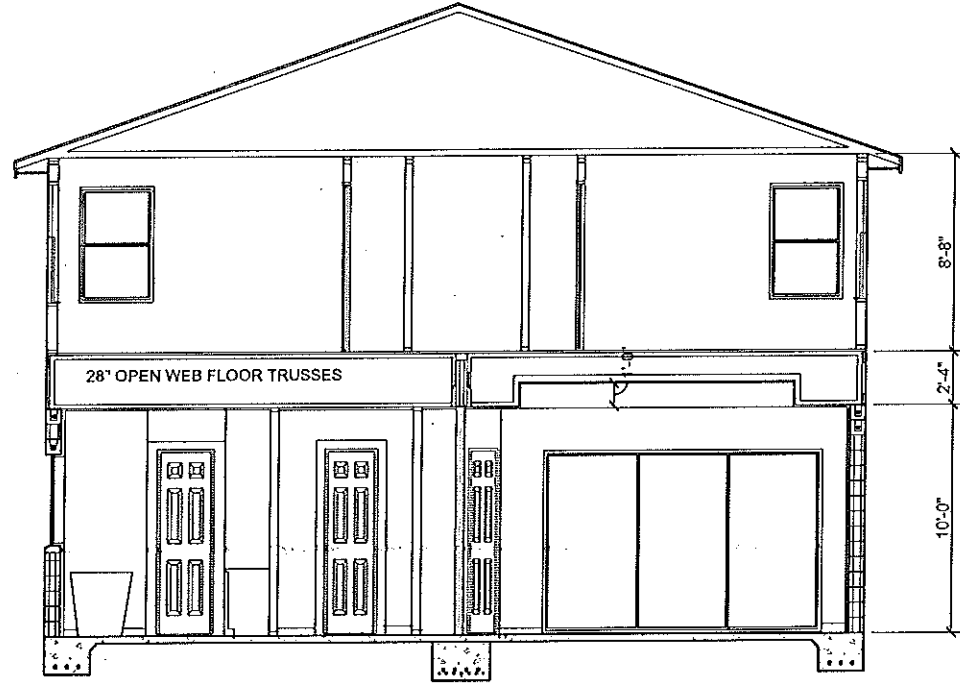
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SECTION B - B



SECTION A - A

SECTION DETAILS



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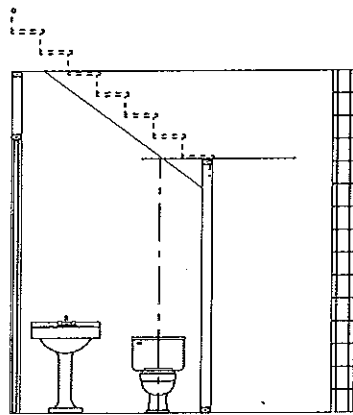
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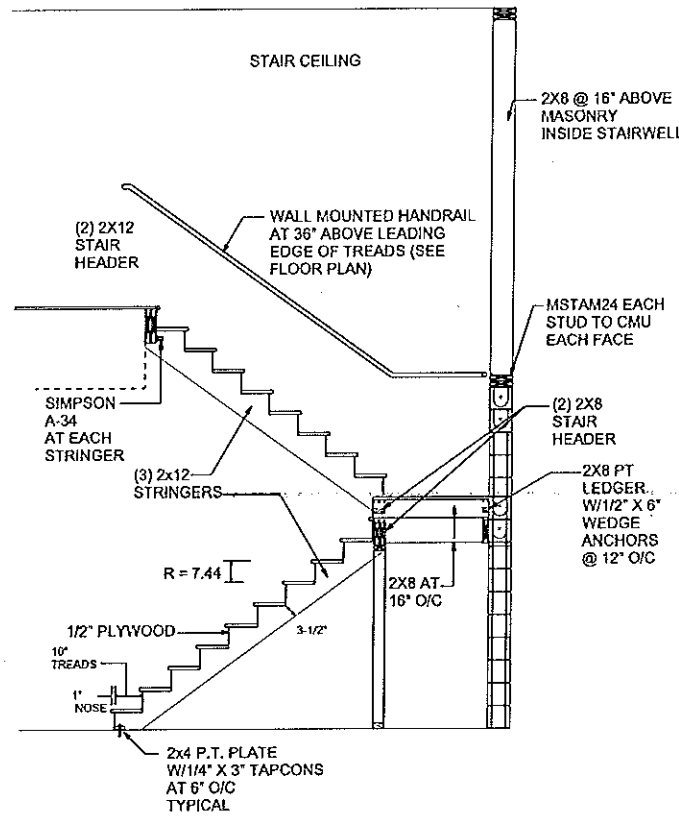
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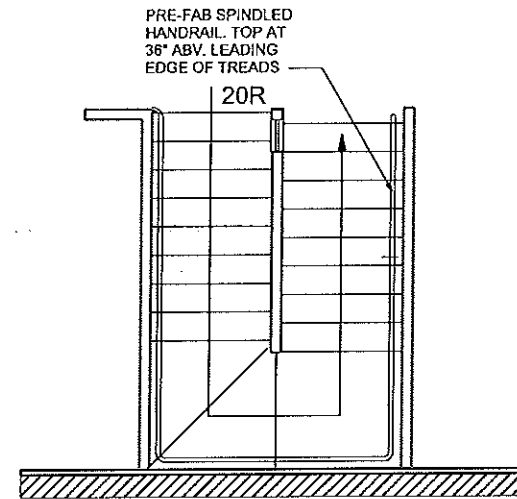
**POWDER BATH ELEVATION**

1/4" = 1'-0"



**STAIR SECTION 'A-A'**

3/8" = 1'-0"



**STAIR PLAN**

3/8" = 1'-0"

STAIR DETAILS

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**4B**

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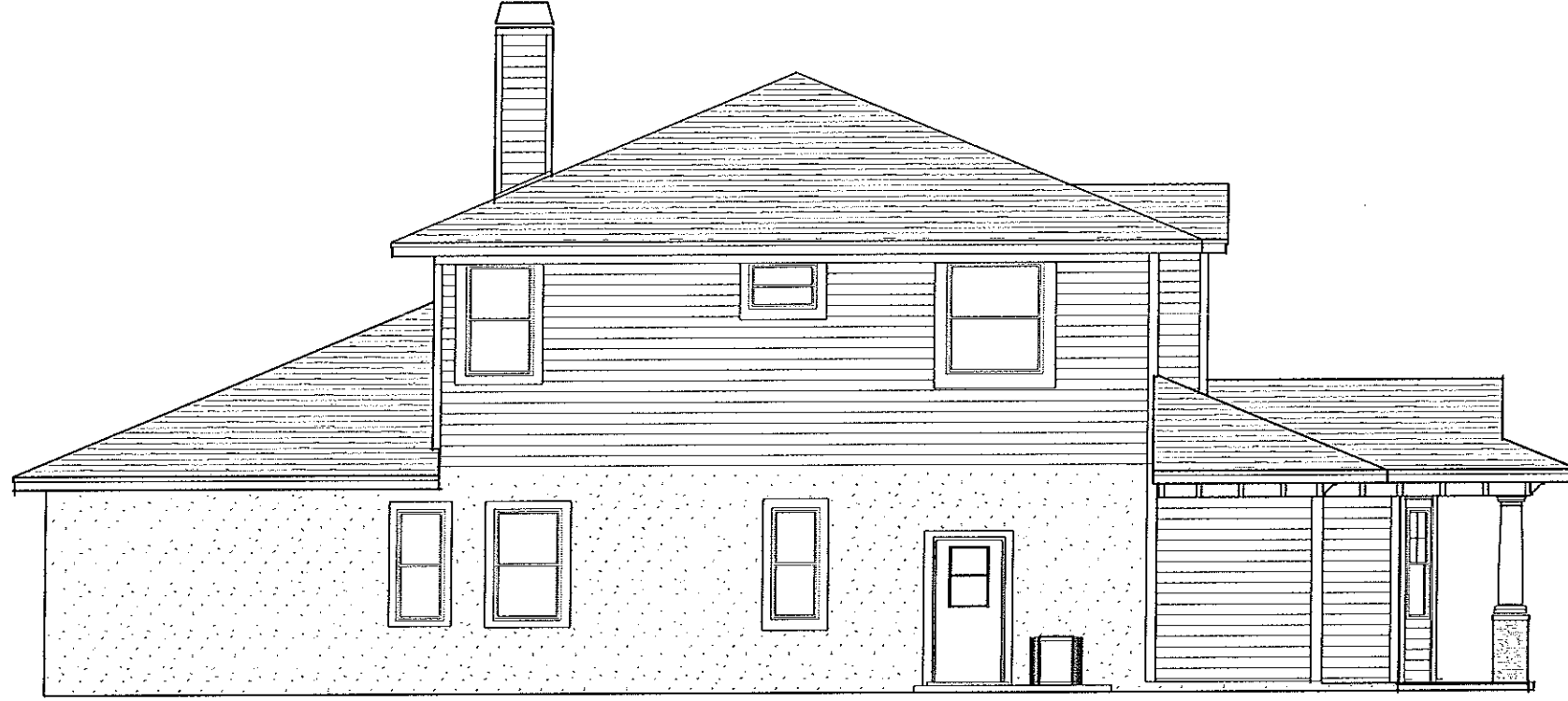
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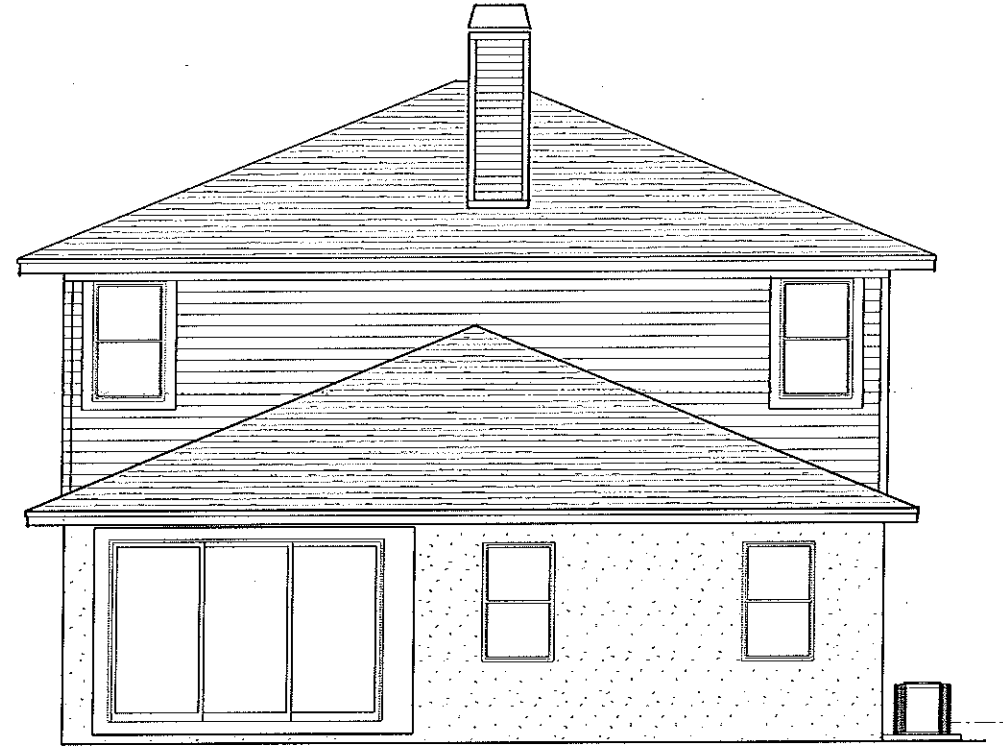
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LEFT SIDE ELEVATION



REAR ELEVATION

EXTERIOR ELEVATIONS

SCALE 1/8" = 1'-0"

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TOTAL NET FREE VENTILATING AREA SHALL NOT BE LESS THAN 1 TO 300 PROVIDED THAT AT LEAST 50 % AND NOT MORE THAN 80 % IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE SPACE TO BE VENTILATED PER SECT. R806.2

**AREA ONE**

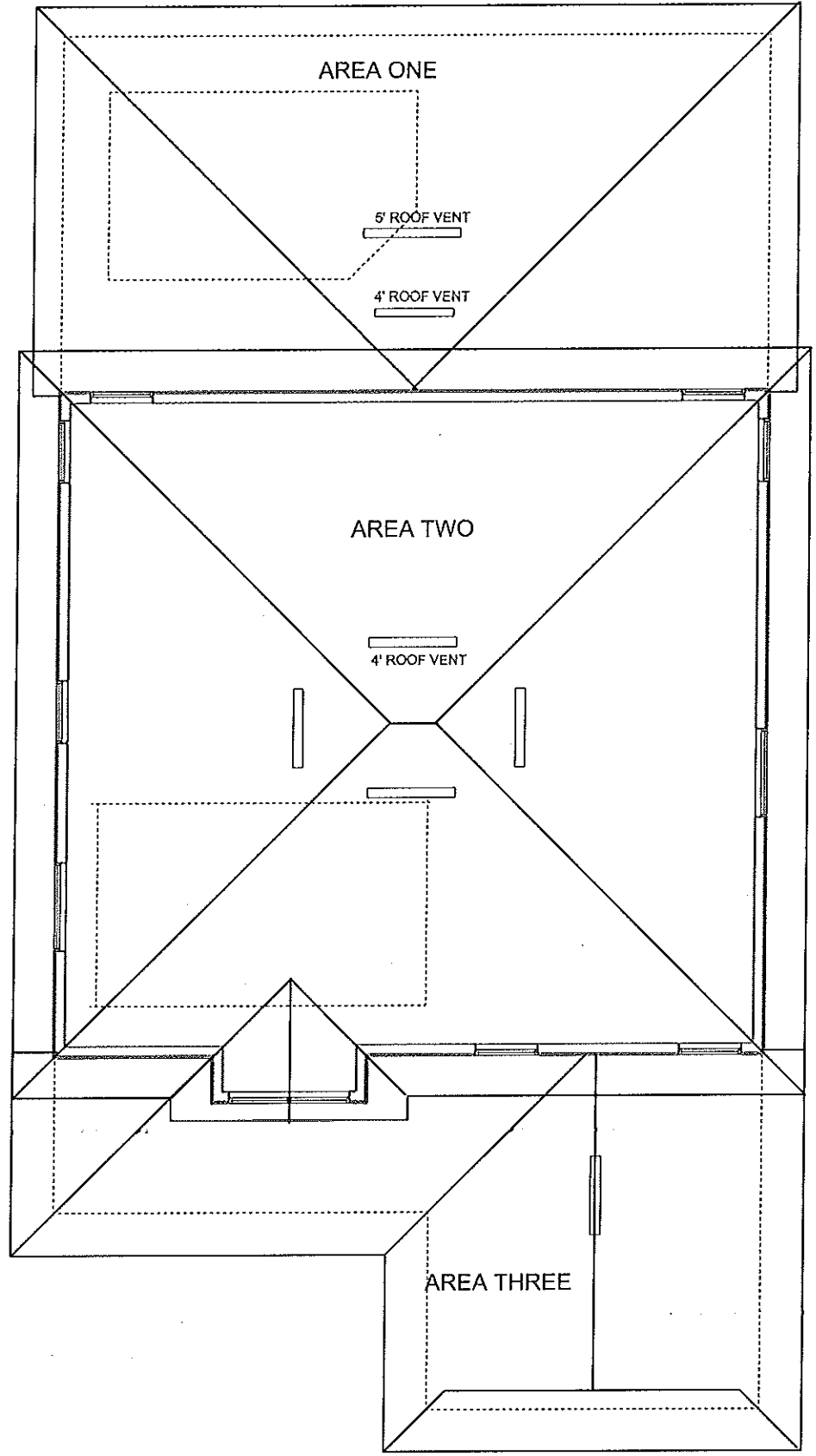
TOTAL AREA OF LIVING AREA TO BE VENTILATED = 653.73 S.F.  
 $653.73/300 = 2.18$  S.F. OR 313.92 SQUARE INCHES.  
 ROOF VENTS ARE RATED AT 36 SQUARE INCHES OF OPENING PER LINEAL FT.  
 $313.92 \text{ S.F.} / 36 \text{ S.I.} = 8.72$  LINEAL FEET REQUIRED.  
 INSTALLATION FOR THIS ROOF IS 9' OF ROOF VENT

**AREA TWO**

TOTAL AREA OF LIVING AREA TO BE VENTILATED = 1165 S.F.  
 $1165/300 = 3.88$  S.F. OR 558.72 SQUARE INCHES.  
 ROOF VENTS ARE RATED AT 36 SQUARE INCHES OF OPENING PER LINEAL FT.  
 $558.72 \text{ S.F.} / 36 \text{ S.I.} = 15.52$  LINEAL FEET REQUIRED.  
 INSTALLATION FOR THIS ROOF IS 16' OF ROOF VENTS

**AREA THREE**

TOTAL AREA OF LIVING AREA TO BE VENTILATED = 324.89 S.F.  
 $324.89/300 = 4.32$  S.F. OR 139.66 SQUARE INCHES.  
 ROOF VENTS ARE RATED AT 36 SQUARE INCHES OF OPENING PER LINEAL FT.  
 $139.66 \text{ S.F.} / 36 \text{ S.I.} = 3.88$  LINEAL FEET REQUIRED.  
 INSTALLATION FOR THIS ROOF IS 4' OF RIDGE VENT



ROOF PLAN

SCALE 1/8" = 1'-0"

**6**

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INVENTORY PROJECT  
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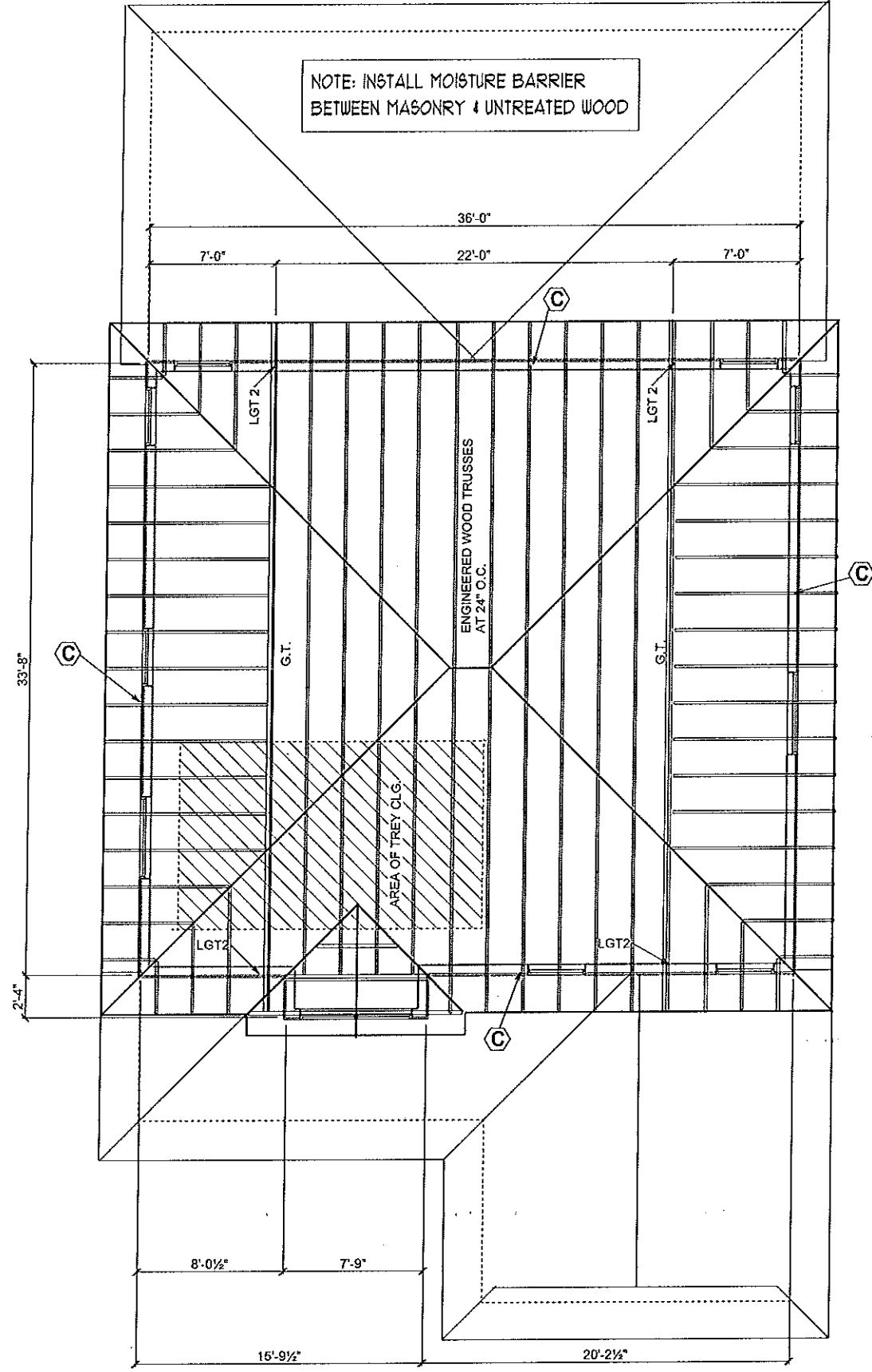
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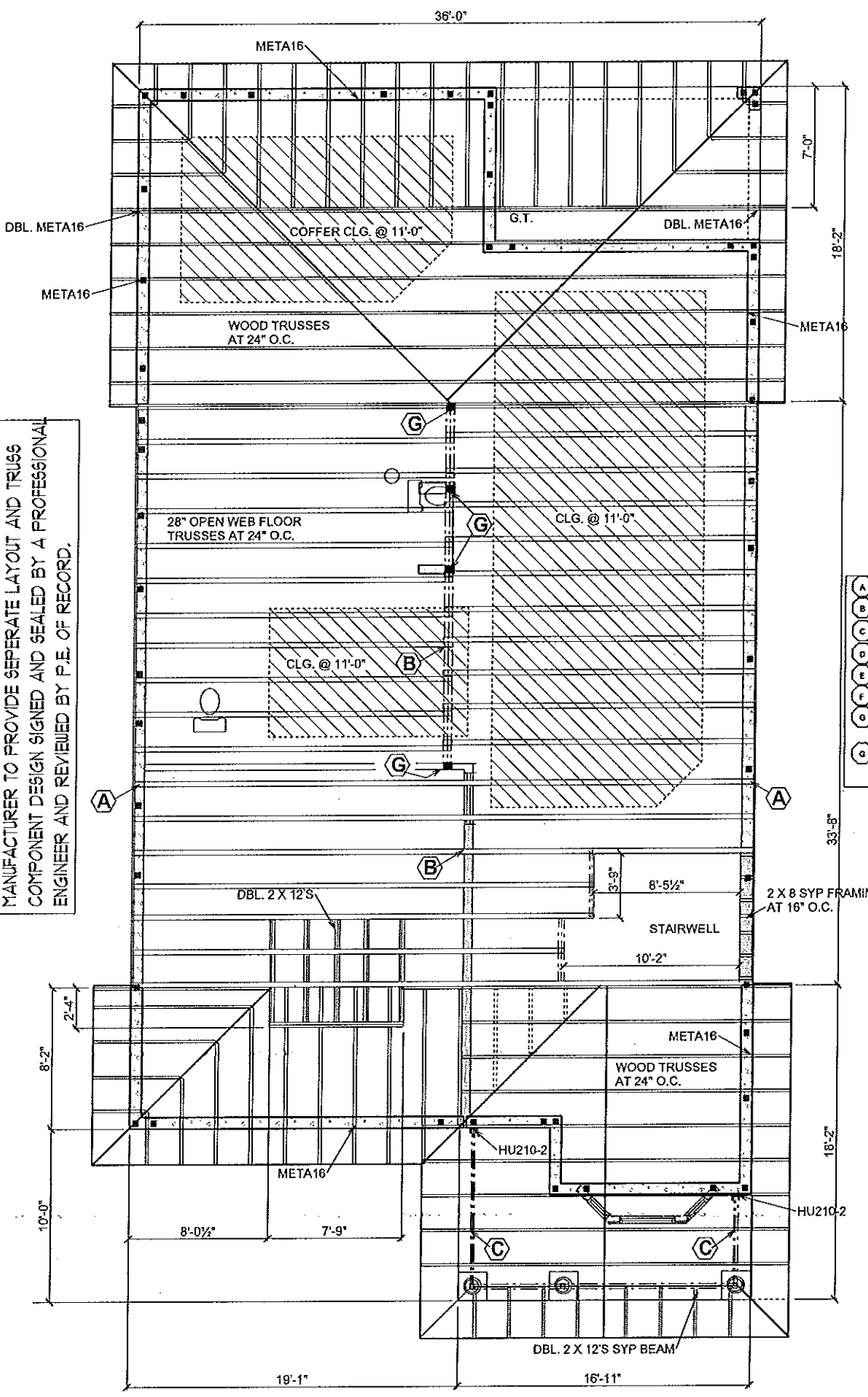
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MODEL 2844





**IMPORTANT NOTE:**  
 THIS FRAMING PLAN IS DIAGRAMMATIC IN NATURE AND IS PROVIDED FOR ILLUSTRATION PURPOSES ONLY. TRUSS MANUFACTURER TO PROVIDE SEPARATE LAYOUT AND TRUSS COMPONENT DESIGN SIGNED AND SEALED BY A PROFESSIONAL ENGINEER AND REVIEWED BY P.E. OF RECORD.



- A META24 TYPICAL
- B H3 TYPICAL
- C H10 TYPICAL
- D 4-PLY 3/4" VERSALAM W3 ROWS 7" SLS SCREWS @ 12" O.C.
- E HUC0412-SD3
- F 4X4 PT COLUMN W/ABU44 W/2" M16 TO BEAM
- G 5-1/4" X 7" VERSALAM COLUMN W/4" CS16 @ EACH COLUMN TO BEAM W/2" HT15 TO FOUNDATION @ EACH COLUMN
- H 2X4 SYP @ 16" O.C. W/3" TO TOP PLATE W/5" X 1" ARCHOR BOLTS W/3" SQ WASHERS AT 24" O.C.

**FLOOR TRUSSES**

SCALE 1/8" = 1'-0"

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**6A**