

Preliminary PLAN lot 8 - 13th AVE 6-21-18

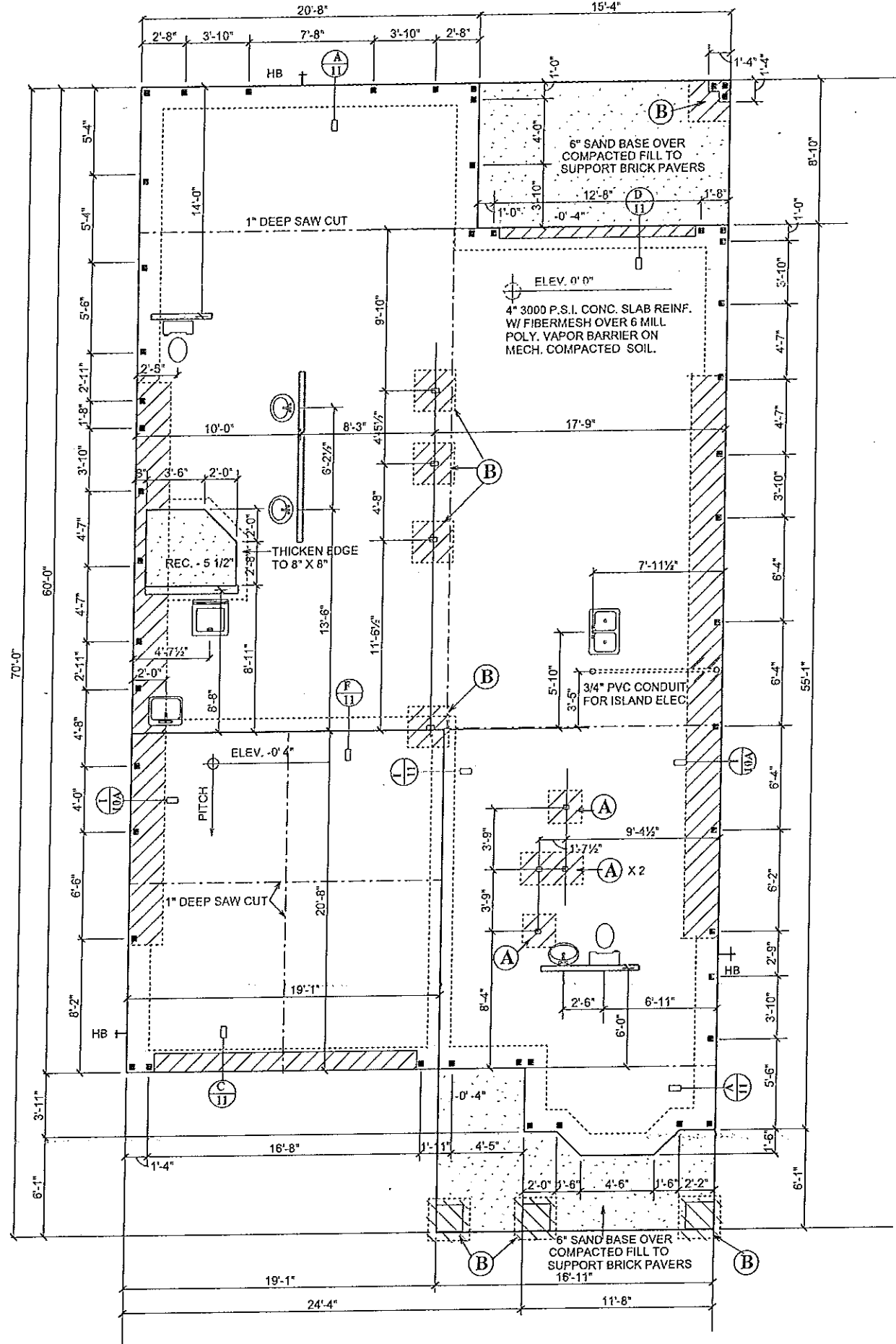
DRIVEWAY SPEC:
 DRIVEWAY NOT IN RIGHT OF WAY AND ALL
 SIDEWALKS TO BE 4" 3000PSI CONC. W/ FIBERMESH.
 DRIVEWAY IN RIGHT OF WAY TO BE 6" 3000 PSI
 CONCRETE WITH FIBERMESH AND WIRE REINFORCEMENT.

- 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"

DEEB FAMILY
 HOMES, LTD.
 9400 RIVER CROSSING BLD.
 NEW PORT RICHEY, FL. 34655
 727-376-6831

1

PLAN DATE

04-16-18
04-26-18
05-24-18
06-13-18
06-20-18

INVENTORY PROJECT
 LOT 8 - 13 TH AVE.
 SAFETY HARBOR, FL.

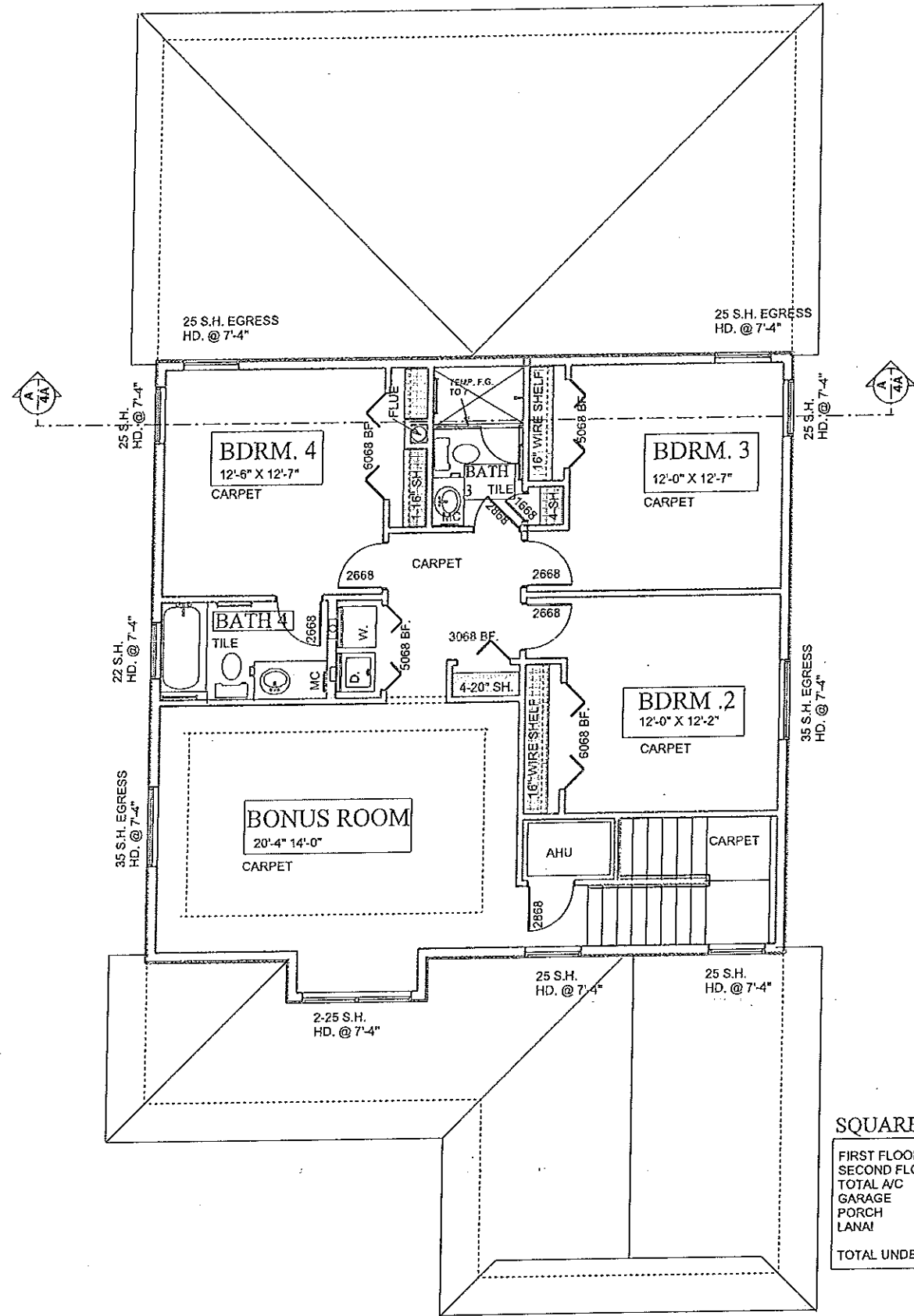
A.E.C.S. 00000

HEREBY CERTIFY THAT I HAVE
 PERFORMED THE ATTACHED DESIGN
 TO COMPLY WITH 145 MPH ULTIMATE
 WIND LOADS AND IT IS IN COMPLIANCE
 WITH SECT. 301 OF THE 2017 FLORIDA
 RESIDENTIAL BUILDING CODE
 SEALED FOR STRUCTURE ONLY

SIGNED
 RICHARD E. ALLEN P.E. #56920

MODEL 2844

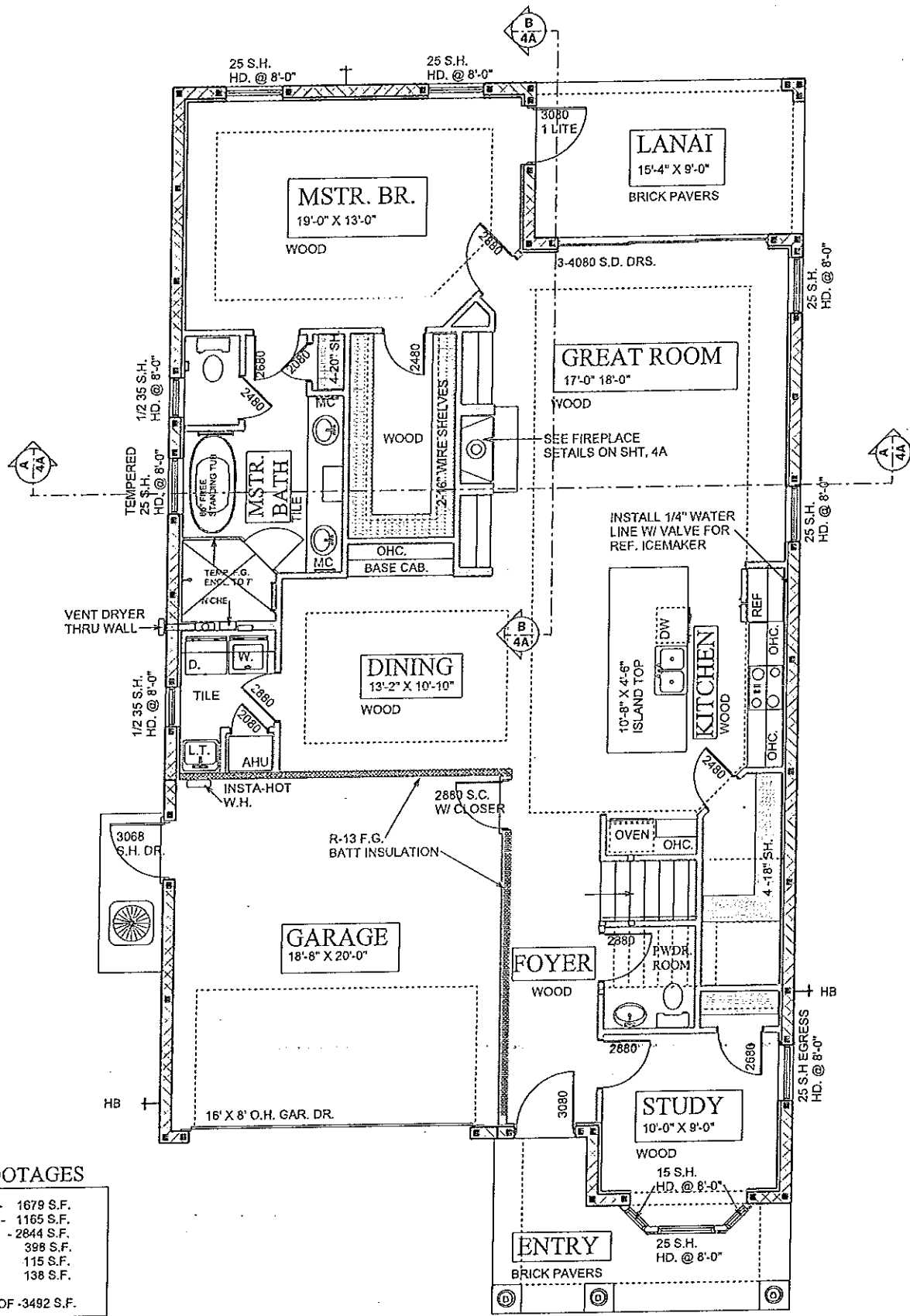
ALLEN ENGINEERING &
 CONSTRUCTION SERVICES
 RICH ALLEN PROFESSIONAL ENGINEER
 P.E. # 56920 C.A. # 9542
 8809 SKYMASTER DR.
 NEW PORT RICHEY, FL. 34654
 727-842-6100
 richallpe@gmail.com



SECOND FLOOR

SQUARE FOOTAGES

FIRST FLOOR	- 1679 S.F.
SECOND FLOOR	- 1165 S.F.
TOTAL A/C	- 2844 S.F.
GARAGE	- 398 S.F.
PORCH	- 115 S.F.
LANAI	- 138 S.F.
TOTAL UNDER ROOF	- 3492 S.F.



FIRST FLOOR

FIRST FLOOR NOTES

2

DEEB FAMILY HOMES, LTD.
9400 RIVER CROSSING BLD.
NEW PORT RICHEY, FL. 34655
727-376-6831

PLAN DATE

04-16-18
04-26-18
05-24-18
06-13-18
06-20-18

INVENTORY PROJECT
LOT 8 -13 TH AVE.
SAFETY HARBOR, FL.

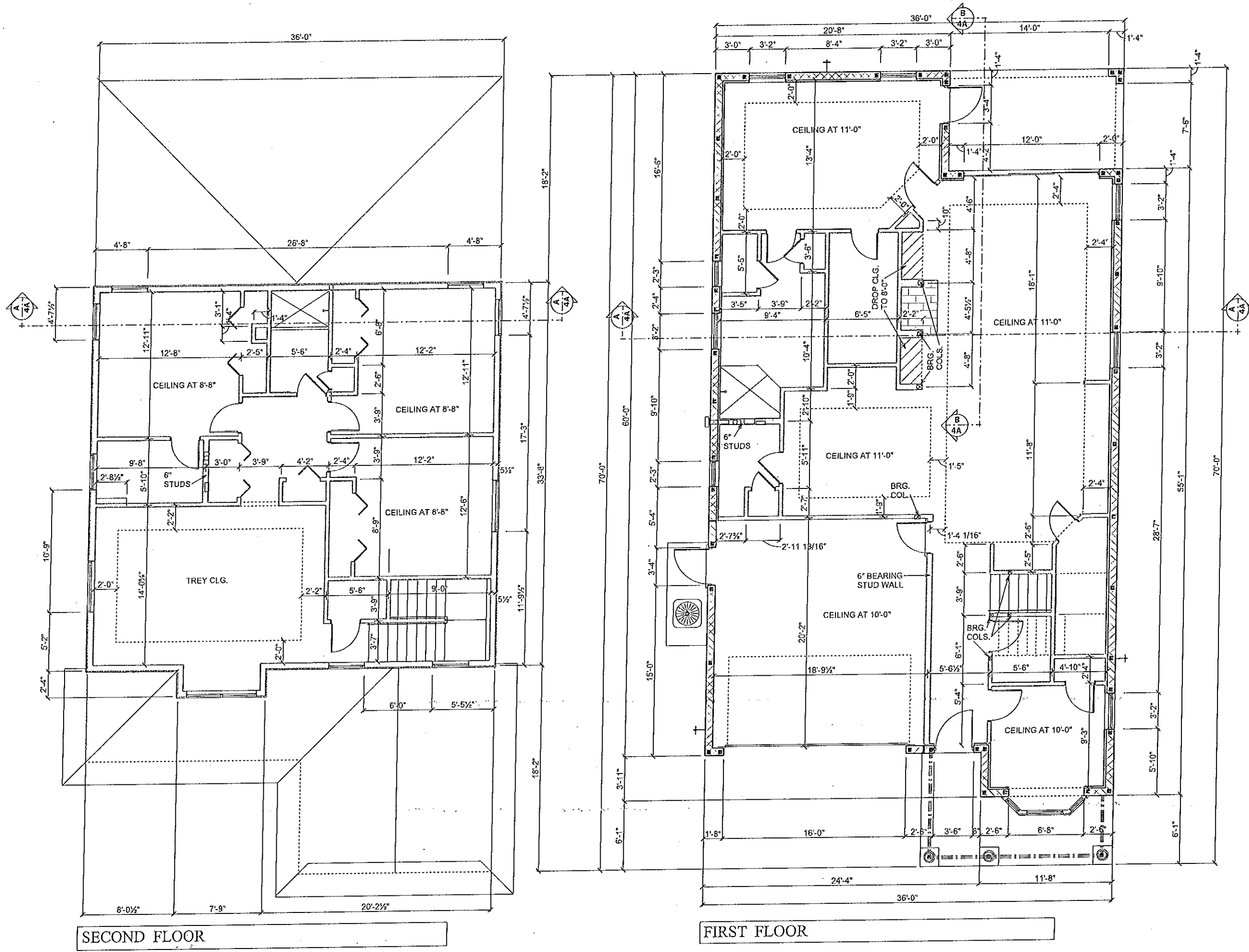
A.E.C.S. 00000

MODEL 2844

I HEREBY CERTIFY THAT I HAVE PERFORMED THE ATTACHED DESIGN TO COMPLY WITH 145 MPH ULTIMATE WIND LOADS AND IT IS IN COMPLIANCE WITH SECT. 301 OF THE 2017 FLORIDA RESIDENTIAL BUILDING CODE SEALED FOR STRUCTURE ONLY

ALLEN ENGINEERING & CONSTRUCTION SERVICES
RICH ALLEN PROFESSIONAL ENGINEER
P.E. # 56920 C.A. # 9542
3809 SKYMASTER DR.
NEW PORT RICHEY, FL. 34654
727-842-6100
richallenpe@gmail.com

SIGNED RICHARD E. ALLEN P.E. #56920



SECOND FLOOR

FIRST FLOOR

DIMENSION PLANS

SCALE 1/8" = 1'-0"

3

DEEB FAMILY
HOMES, LTD.
9400 RIVER CROSSING BLD.
NEW PORT RICHEY, FL. 34655
727-376-6831

PLAN DATE
04-16-18
04-26-18
05-24-18
06-13-18
06-20-18

INVENTORY PROJECT
LOT 8 -13 TH AVE.
SAFETY HARBOR, FL.

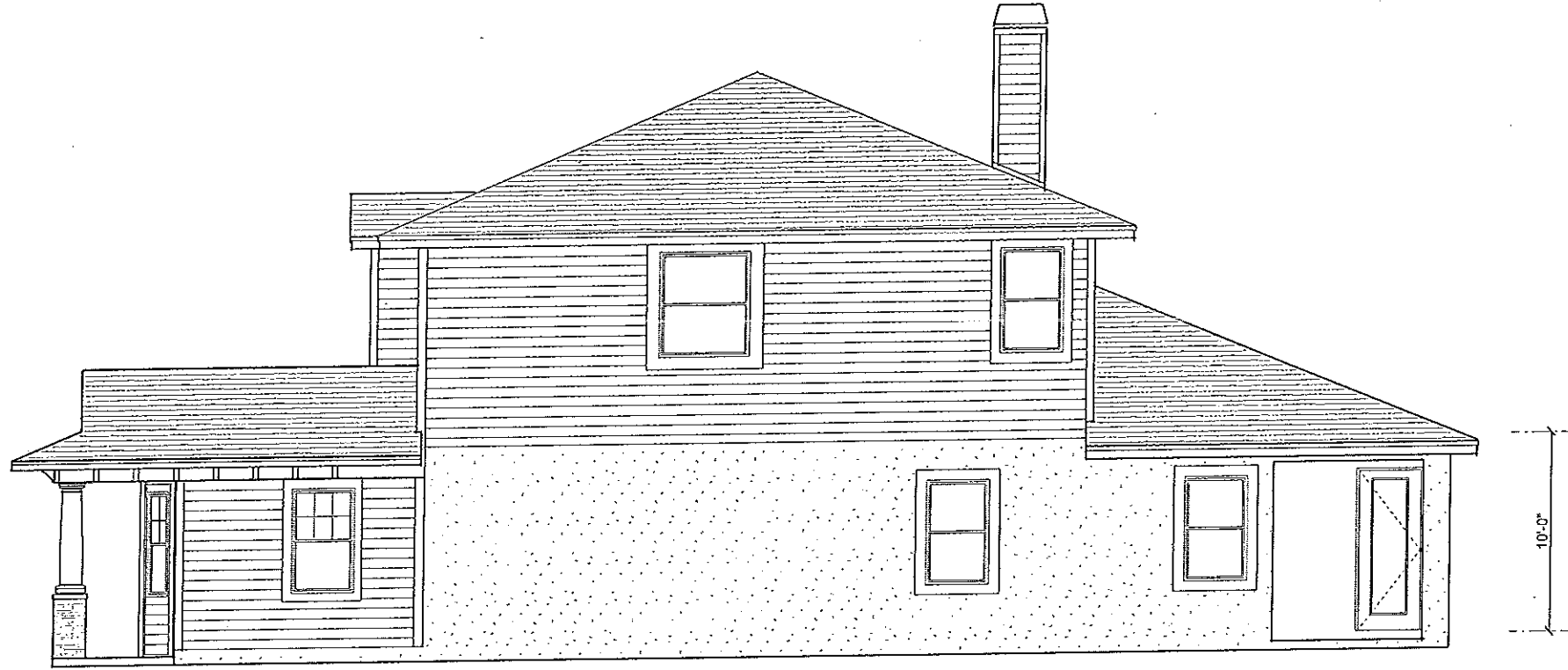
A.E.C.S. 00000

MODEL 2844

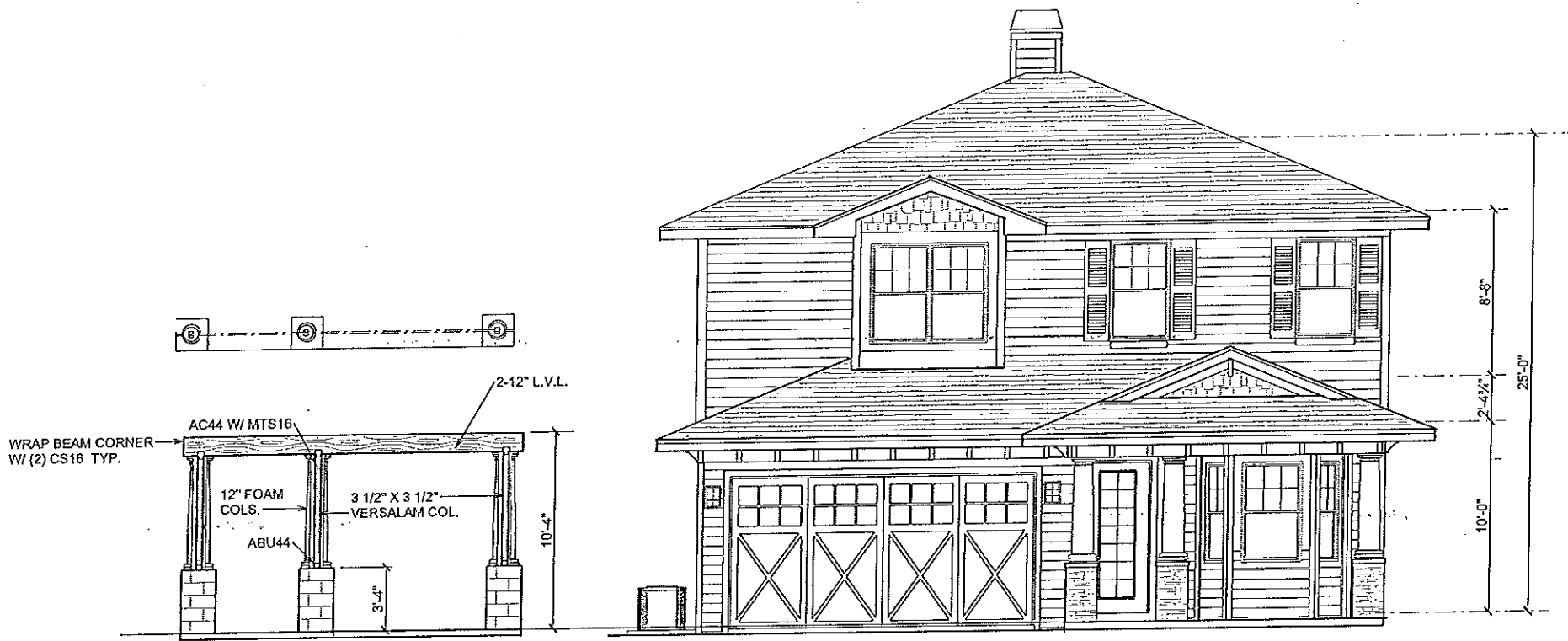
HEREBY CERTIFY THAT I HAVE
PERFORMED THE ATTACHED DESIGN
TO COMPLY WITH 145 MPH ULTIMATE
WIND LOADS AND IT IS IN COMPLIANCE
WITH SECT. 301 OF THE 2017 FLORIDA
RESIDENTIAL BUILDING CODE
SEALED FOR STRUCTURE ONLY

ALLEN ENGINEERING &
CONSTRUCTION SERVICES
RICH ALLEN PROFESSIONAL ENGINEER
P.E. # 56979 C.A. # 9542
8809 SKYMASTER DR.
NEW PORT RICHEY, FL. 34654
727-842-6100
richallenpe@gmail.com

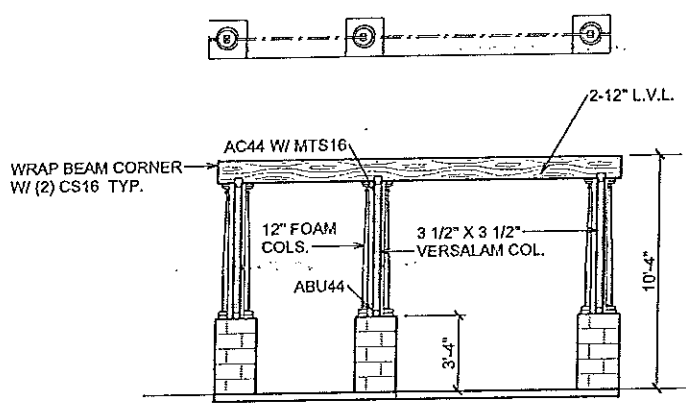
SIGNED
RICHARD E. ALLEN P.E. #58920



RIGHT SIDE ELEVATION



FRONT ELEVATION



COLUMN DETAIL

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

4

DEEB FAMILY HOMES, LTD.
9400 RIVER CROSSING BLD.
NEW PORT RICHEY, FL. 34655
727-376-6831

PLAN DATE
04-16-18
04-26-18
05-24-18
06-13-18
06-20-18

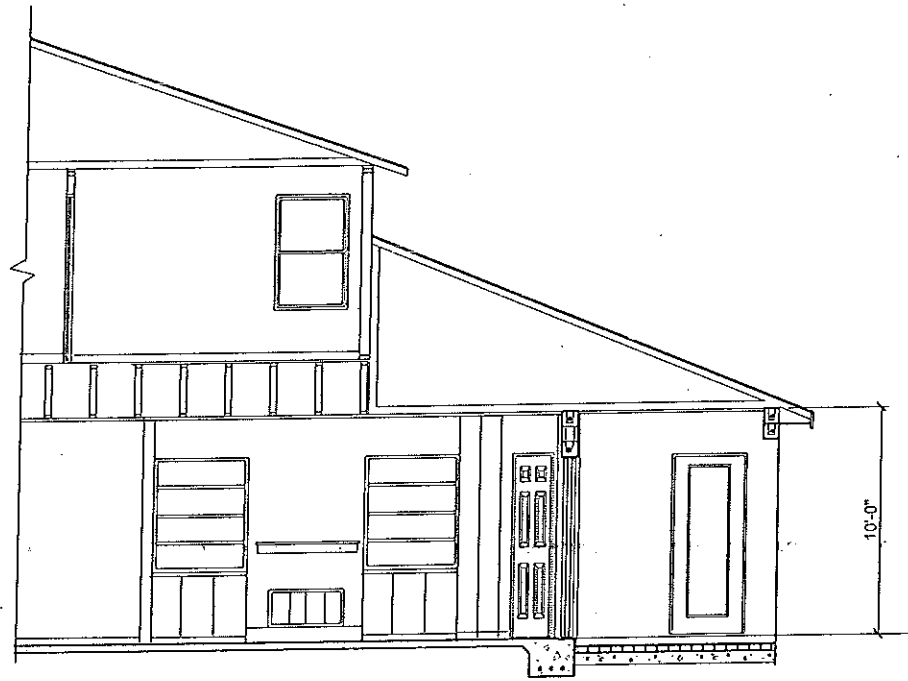
INVENTORY PROJECT
LOT 8-13 TH AVE.
SAFETY HARBOR, FL.

A.E.C.S. 00000

MODEL 2844

I HEREBY CERTIFY THAT I HAVE PERFORMED THE ATTACHED DESIGN TO COMPLY WITH 145 MPH ULTIMATE WIND LOADS AND IT IS IN COMPLIANCE WITH SECT. 301 OF THE 2017 FLORIDA RESIDENTIAL BUILDING CODE SEALED FOR STRUCTURE ONLY
SIGNED RICHARD E. ALLEN P.E. #56920

ALLEN ENGINEERING & CONSTRUCTION SERVICES
RICH ALLEN PROFESSIONAL ENGINEER
P.E. # 56920 C.A. # 9342
8309 SKYMASTER DR.
NEW PORT RICHEY, FL. 34654
727-842-6100
richallenpe@gmail.com



SECTION B - B



SECTION A - A

SECTION DETAILS

4A

**DEEB FAMILY
HOMES, LTD.**
9400 RIVER CROSSING BLD.
NEW PORT RICHEY, FL. 34655
727-376-6831

PLAN DATE
04-16-18
04-26-18
05-24-18
06-13-18
06-20-18

**INVENTORY PROJECT
LOT 8 -13 TH AVE.
SAFETY HARBOR, FL.**

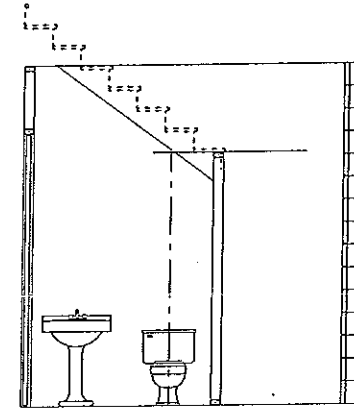
SCALE 1/8" = 1'-0"

A.E.C.S. 00000

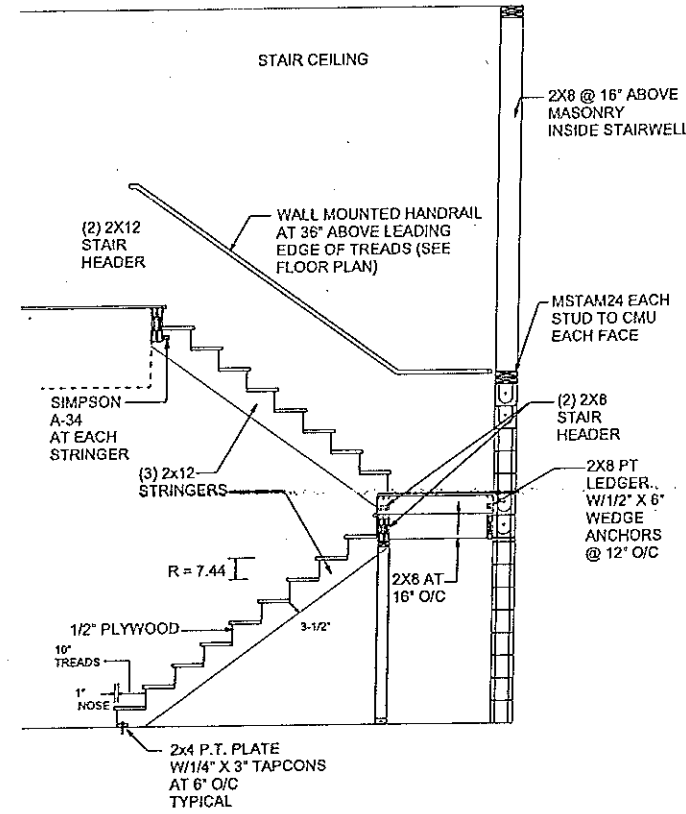
HEREBY CERTIFY THAT I HAVE
PERFORMED THE ATTACHED DESIGN
TO COMPLY WITH 745 MPH ULTIMATE
WIND LOADS AND IT IS IN COMPLIANCE
WITH SECT. 301 OF THE 2017 FLORIDA
RESIDENTIAL BUILDING CODE
SEALED FOR STRUCTURE ONLY
SIGNED
RICHARD E. ALLEN P.E. #56920

MODEL 2844

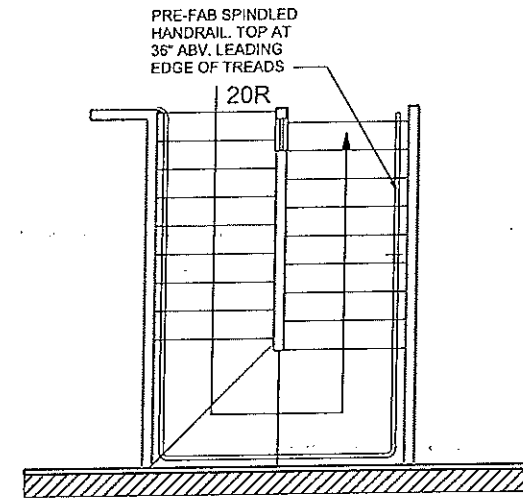
**ALLEN ENGINEERING &
CONSTRUCTION SERVICES**
RICH ALLEN PROFESSIONAL ENGINEER
P.E. # 56920 C.A. # 9542
8809 SKYMASTER DR.
NEW PORT RICHEY, FL. 34654
727-842-6100
richallenpe@gmail.com



POWDER BATH ELEVATION
1/4" = 1'-0"



STAIR SECTION 'A-A'
3/8" = 1'-0"



STAIR PLAN
3/8" = 1'-0"

STAIR DETAILS

DEEB FAMILY HOMES, LTD.
9400 RIVER CROSSING BLD.
NEW PORT RICHEY, FL. 34655
727-376-6831

PLAN DATE
04-16-18
04-26-18
05-24-18
06-13-18
06-20-18

INVENTORY PROJECT
LOT 8-13 TH AVE.
SAFETY HARBOR, FL.

A.E.C.S. 00000

HEREBY CERTIFY THAT I HAVE PERFORMED THE ATTACHED DESIGN TO COMPLY WITH 145 MPH ULTIMATE WIND LOADS AND IT IS IN COMPLIANCE WITH SECT. 301 OF THE 2017 FLORIDA RESIDENTIAL BUILDING CODE SEALED FOR STRUCTURE ONLY

SIGNED
RICHARD E. ALLEN P.E. #56920

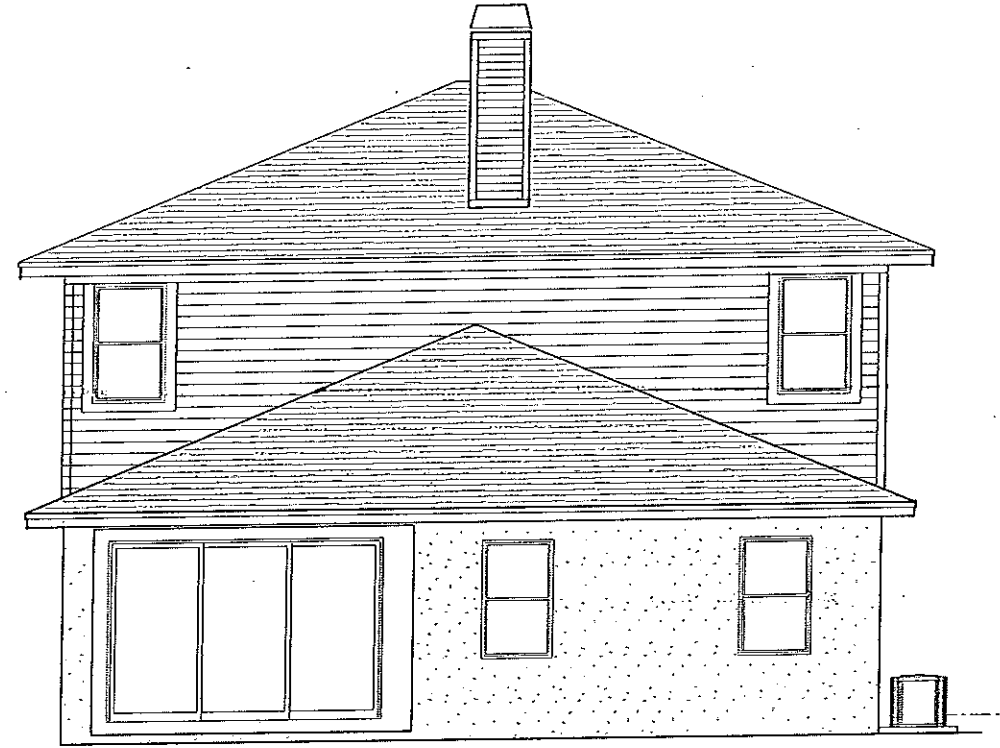
MODEL 2844

ALLEN ENGINEERING & CONSTRUCTION SERVICES
RICH ALLEN PROFESSIONAL ENGINEER
P.E. # 56920 C.A. # 9542
8809 SKYMASTER DR.
NEW PORT RICHEY, FL. 34654
727-842-6100
richallenpc@gmail.com

4B



LEFT SIDE ELEVATION



REAR ELEVATION

EXTERIOR ELEVATIONS

SCALE 1/8" = 1'-0"

A.E.C.S. 00000

MODEL 2844

DEEB FAMILY
HOMES, LTD.
9400 RIVER CROSSING BLD.
NEW PORT RICHEY, FL 34655
727-376-6831

INVENTORY PROJECT
LOT 8 -13 TH AVE.
SAFETY HARBOR, FL.

PLAN DATE

04-16-18
04-26-18
05-24-18
06-13-18
06-20-18

I HEREBY CERTIFY THAT I HAVE PERFORMED THE ATTACHED DESIGN TO COMPLY WITH 145 MPH ULTIMATE WIND LOADS AND IT IS IN COMPLIANCE WITH SECT. 301 OF THE 2017 FLORIDA RESIDENTIAL BUILDING CODE SEALED FOR STRUCTURE ONLY

SIGNED
RICHARD E. ALLEN P.E. #56920

ALLEN ENGINEERING &
CONSTRUCTION SERVICES
RICH ALLEN PROFESSIONAL ENGINEER
P.E. # 56920 C.A. # 9542
8809 SKYMASTER DR.
NEW PORT RICHEY, FL. 34654
727-942-6100
richallenpe@gmail.com

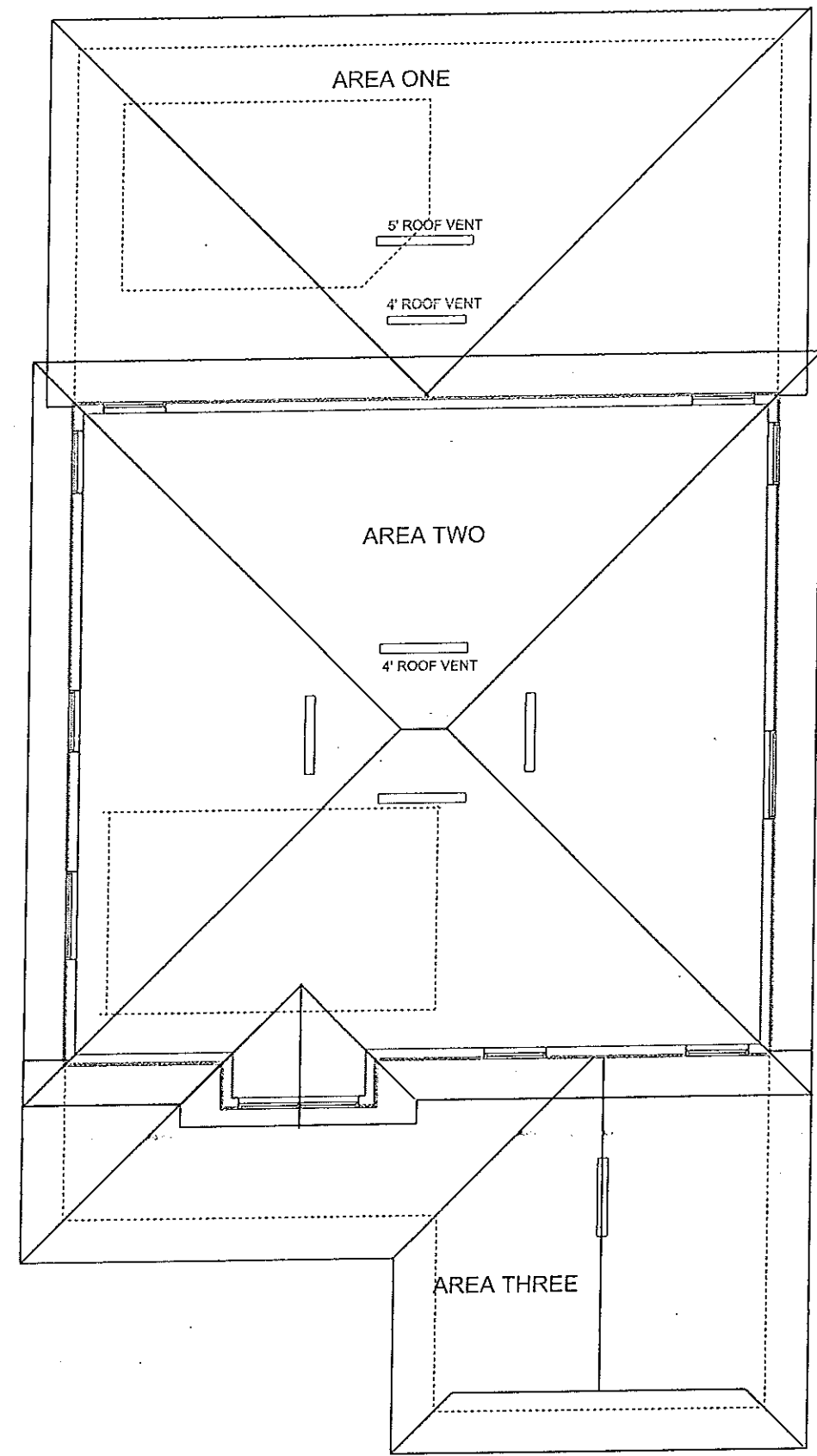
5

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 139.68 SQUARE INCHES.
 ROOF VENTS ARE RATED AT 36 SQUARE INCHES OF OPENING PER LINEAL FT.
 $139.68 \text{ S.F.} / 36 \text{ S.I.} = 3.88$ LINEAL FEET REQUIRED.
 INSTALLATION FOR THIS ROOF IS 4' OF RIDGE VENT



ROOF PLAN

SCALE 1/8" = 1'-0"

6

DEEB FAMILY HOMES, LTD.
 9400 RIVER CROSSING BLD.
 NEW PORT RICHEY, FL 34655
 727-376-6831

PLAN DATE
04-16-18
04-26-18
05-24-18
06-13-18
06-20-18

INVENTORY PROJECT
 LOT 8 -13 TH AVE.
 SAFETY HARBOR, FL.

A.E.C.S. 00000

MODEL 2844

I HEREBY CERTIFY THAT I HAVE PERFORMED THE ATTACHED DESIGN TO COMPLY WITH 145 MPH ULTIMATE WIND LOADS AND IT IS IN COMPLIANCE WITH SECT. 301 OF THE 2017 FLORIDA RESIDENTIAL BUILDING CODE SEALED FOR STRUCTURE ONLY
 SIGNED RICHARD E. ALLEN P.E. #56920

ALLEN ENGINEERING & CONSTRUCTION SERVICES
 RICH ALLEN PROFESSIONAL ENGINEER
 P.E. # 56920 C.A. # 9542
 8809 SKYMASTER DR.
 NEW PORT RICHEY, FL 34654
 727-842-6100
 richallenpe@gmail.com

