

34. WATERPROOFING [GENERAL]:

34.1 ANY RENDERING OR NOTES OF WATERPROOFING MEASURES FOR BASEMENTS OR HALF-BASEMENTS SHOWN IN THESE PLANS WHERE A SPECIFIC CONSTRUCTION DETAIL IS NOT SHOWN IN THE STRUCTURAL DESIGN IS AN ARCHITECTURAL ILLUSTRATION ONLY AND IS NOT PART OF THE STRUCTURAL DESIGN OR THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER.

34.2 WATERPROOFING MEASURES ABOVE GRADE [E.G., FLASHING, CAULKING, SHAPE, AND LOCATION OF CRICKETS] ARE ASSOCIATED WITH ARCHITECTURAL FINISHES AND ARE NOT THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER.

35. FIRE RESISTANT DESIGN [GENERAL]

35.1 FIRE RESISTANT DESIGN OF STRUCTURAL ELEMENTS SHALL BE INCIDENTAL TO THEIR STRUCTURAL DESIGN AND SHALL BE BASED ON UNDERWRITER'S LABORATORY OR GYPSUM ASSOCIATION DESIGN FOR FIRE RATED FLOOR, WALL, AND ROOF ASSEMBLIES.

36. FLOOD RESISTANT DESIGN [GENERAL]:

36.1 FLOOD RESISTANT DESIGN OF STRUCTURAL ELEMENTS SHALL BE INCIDENTAL TO THEIR STRUCTURAL DESIGN AND SHALL BE BASED ON THE REQUIREMENTS STATED IN TITLE 44 CFR SECTIONS 59 AND 60, AND ON THOSE OF THE INDIVIDUAL COMMUNITY RATING AGENCIES FOR THE GOVERNMENTAL

I. ANY RENDERINGS OF FENCES, RETAINING WALLS, OR EXTERIOR PLANTERS SHOWN IN THESE PLANS WHERE A SPECIFIC STRUCTURAL DETAIL IS NOT SHOWN FOR THEIR CONSTRUCTION ARE FOR ARCHITECTURAL ILLUSTRATION ONLY AND ARE NOT PART OF THE STRUCTURAL DESIGN OR THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER.

37.4 DRIVEWAYS AND SIDEWALKS

I. ANY DRIVEWAYS OR SIDEWALKS SHOWN IN THESE PLANS ARE FOR ARCHITECTURAL ILLUSTRATION ONLY AND ARE NOT PART OF THE STRUCTURAL DESIGN OR THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER.

JURISDICTION WHERE THE CONSTRUCTION IS TO BE DONE.

36.2 HOWEVER, THE STRUCTURAL ENGINEER IS NOT RESPONSIBLE FOR IDENTIFYING AND SHOWING ON THE PLANS THE FLOOD ZONE CATEGORY, BASE FLOOD ELEVATION, AND THE FLOOR AND STORY HEIGHTS OF THE BUILDING IN RELATION TO THE BASE FLOOD ELEVATION. THIS INFORMATION IS CONSIDERED ARCHITECTURAL AND SITE RELATED AND SHALL BE PROVIDED TO THE STRUCTURAL ENGINEER BY THE CONTRACTING CLIENT OR HIS AGENT.

37. SPECIAL CONSTRUCTION {GENERAL}:

37.1 ALUMINUM STRUCTURES OTHER THAN STRUCTURAL ALUMINUM COLUMNS.

I. ANY ALUMINUM STRUCTURES SHOWN IN THESE PLANS SUCH AS PORCH AND POOL ENCLOSURES OR GUARDRAILS AND HANDRAILS ARE FOR ARCHITECTURAL ILLUSTRATION ONLY AND ARE NOT PART OF THE STRUCTURAL DESIGN OR THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER.

II. WHERE THE ALUMINUM STRUCTURE ATTACHES TO THE MAIN STRUCTURE OR IS INCORPORATED IN THE MAIN STRUCTURE, SHOP DRAWINGS FOR THESE STRUCTURES SHALL BE PROVIDE TO THE STRUCTURAL ENGINEER TO DETERMINE THEIR EFFECT ON THE MAIN STRUCTURE.

37.2 SWIMMING POOLS

I. ANY SWIMMING POOLS OR HOT TUBS SHOWN IN THESE PLANS ARE FOR ARCHITECTURAL ILLUSTRATION ONLY AND ARE NOT PART OF THE STRUCTURAL DESIGN OR THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER.

37.3 FENCES AND RETAINING WALLS

WIND LOADING AND DESIGN PRESSURES:

1. FLORIDA RESIDENTIAL BUILDING CODE 2007 EDITION

WITH 2009 SUPPLEMENT, ASCE 7-05

2. BASIC DESIGN WIND SPEED: 123 MPH

3. WIND IMPORTANCE FACTOR: 1.0

4. BUILDING CATEGORY: II

5. WIND EXPOSURE: B= 1.0

6. INTERNAL PRESSURE COEFFICIENT: +/- .18 ENCLOSED

7. WIND BORNE DEBRIS ZONE – SHUTTERS REQUIRED

8. COMPONENTS AND CLADDING PRESSURES (PSF):

A. ROOF – ALL ZONE 3, 10 SQFT: +17.5, -58.7 PSF

B. WALLS – ALL ZONE 5, 10 SQFT: +30.4, -40.7 PSF

C. OVERHANGS – ALL ZONE 3, 10 SQFT: -95.3 PSF

MANUFACTURE TO PROVIDE SPECS OF MINIMUM PRESSURE RESISTANCE BASED UPON ABOVE COMPONENTS AND CLADDING PRESSURES AND INSTALLATION DETAILS.

WIND LOAD DESIGN DATA

A.E.C.S. # 11075

PINEHURST 1725

DEEB FAMILY
HOMES, LTD.
9400 RIVER CROSSING BLD.
NEW PORT RICHEY, FL. 34655

PLAN DATE
02-10-11
08-04-11
08-15-11
08-29-11

MANNION RESIDENCE
LOT 15 RIVERSIDE ESTATES
TARPON SPRINGS, FL.

I HEREBY CERTIFY THAT I HAVE
PERFORMED THE ATTACHED DESIGN
TO COMPLY WITH 123 MPH 3 SEC. GUST
LOADS AND IT IS IN COMPLIANCE WITH
SECT. 361 OF THE 2007 FLORIDA
SUPPLEMENT TO THE BUILDING CODE W/ 2009
REVISIONS FOR STRUCTURE
SIGNER: RICHARD E. ALLEN P.E. #56920
DATE: 11/28/2011

ALLEN ENGINEERING &
CONSTRUCTION SERVICES
P.O. BOX 1870
NEW PORT RICHEY, FL. 34656
727-842-6100 Fax: 727-825-3973
rich@allenengineering.com

NOTES

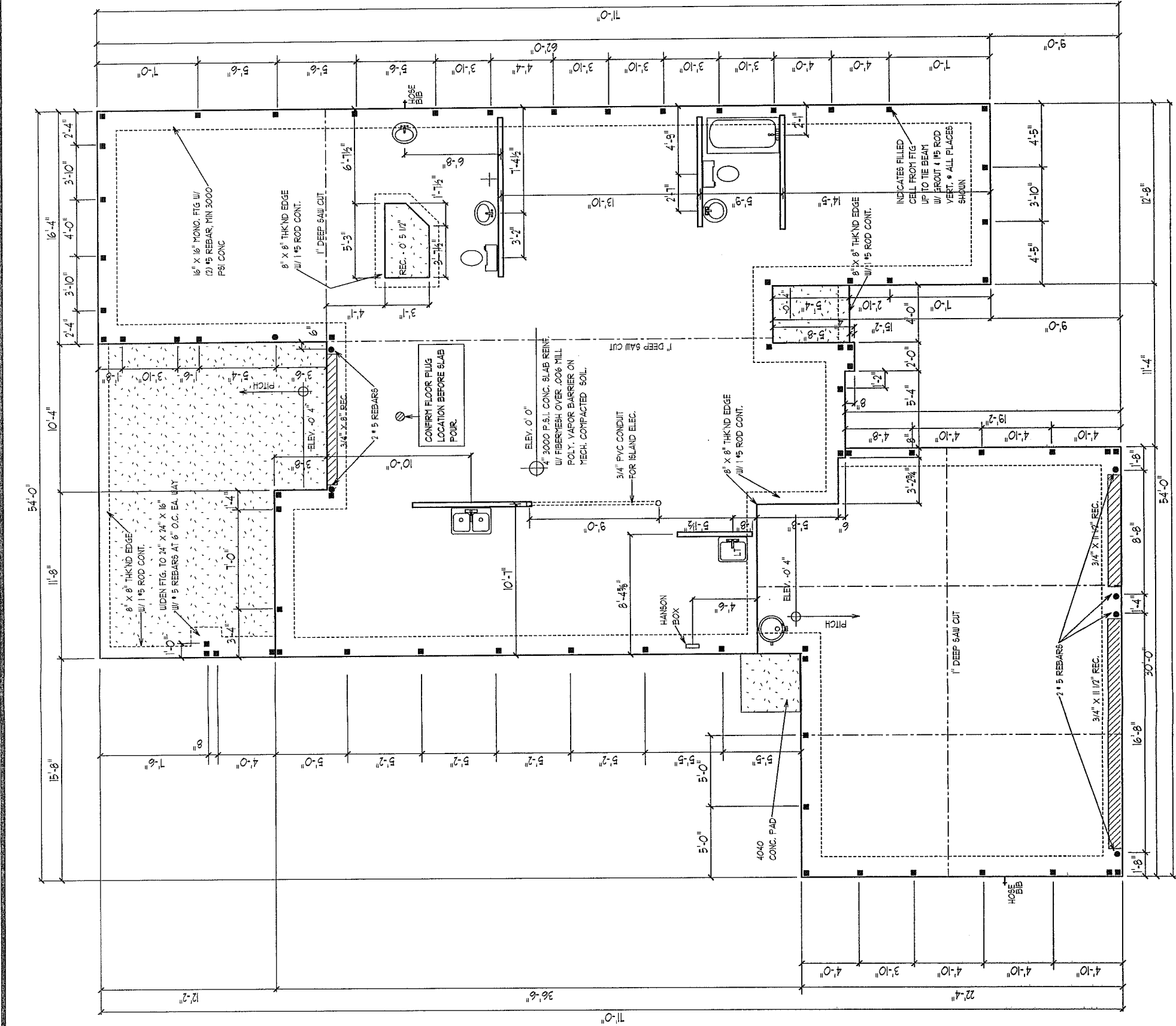
- 1) THE FOUNDATION SYSTEM FOR THIS PLAN IS DESIGNED FOR A MINIMUM ALLOWABLE SOIL BEARING PRESSURE OF 2000 P.S.F. WITH NO SOILS REPORT OR INFORMATION PROVIDED.
- 2) FOOTINGS TO BEAR MIN. 12" BELOW GRADE.
- 3) FOOTINGS TO BEAR ON UNDISTURBED SOIL OR FILL COMPACTED TO 95% MOD. PROCTOR BETWEEN LESS THAN 12" LIFTS.
- 4) ALL BEARING SOILS TO BE FREE OF DEBRIS AND ORGANIC MATERIAL.
- 5) REFER TO STRUCTURAL ENGINEER NOTES.

SYNTHETIC FIBER REINFORCEMENT IN CONCRETE FOR SLAB-ON GRADE SHALL COMPLY WITH FBC SECT. 1811.2 (EXCEPTION 1)

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

TERMITE SPECIFICATIONS:

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



FOUNDATION PLAN

SCALE 1/8" = 1'-0"

A.E.C.S. # 11075

PINEHURST 1725

1

DEEB FAMILY
HOMES, LTD.
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PLAN DATE
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08-29-11

MANION RESIDENCE
LOT 15 RIVERSIDE ESTATES
TARPON SPRINGS, FL.

1. I HEREBY CERTIFY THAT I HAVE
PERFORMED THE ATTACHED DESIGN
TO COMPLY WITH THE 2007 FLORIDA
RESIDENTIAL BUILDING CODE WITH
SUPPLEMENTS AND AMENDMENTS
APPLICABLE TO THE 2007 FLORIDA
RESIDENTIAL BUILDING CODE WITH
SUPPLEMENTS AND AMENDMENTS
ONLY.
RICHARD E. ALLEN P.E. #56920

ALLEN ENGINEERING &
CONSTRUCTION SERVICES
RICHARD E. ALLEN P.E. #56920
C.A. #9542
P.O. BOX 1870
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rich@allenengineering.com

FLOOR PLAN NOTES

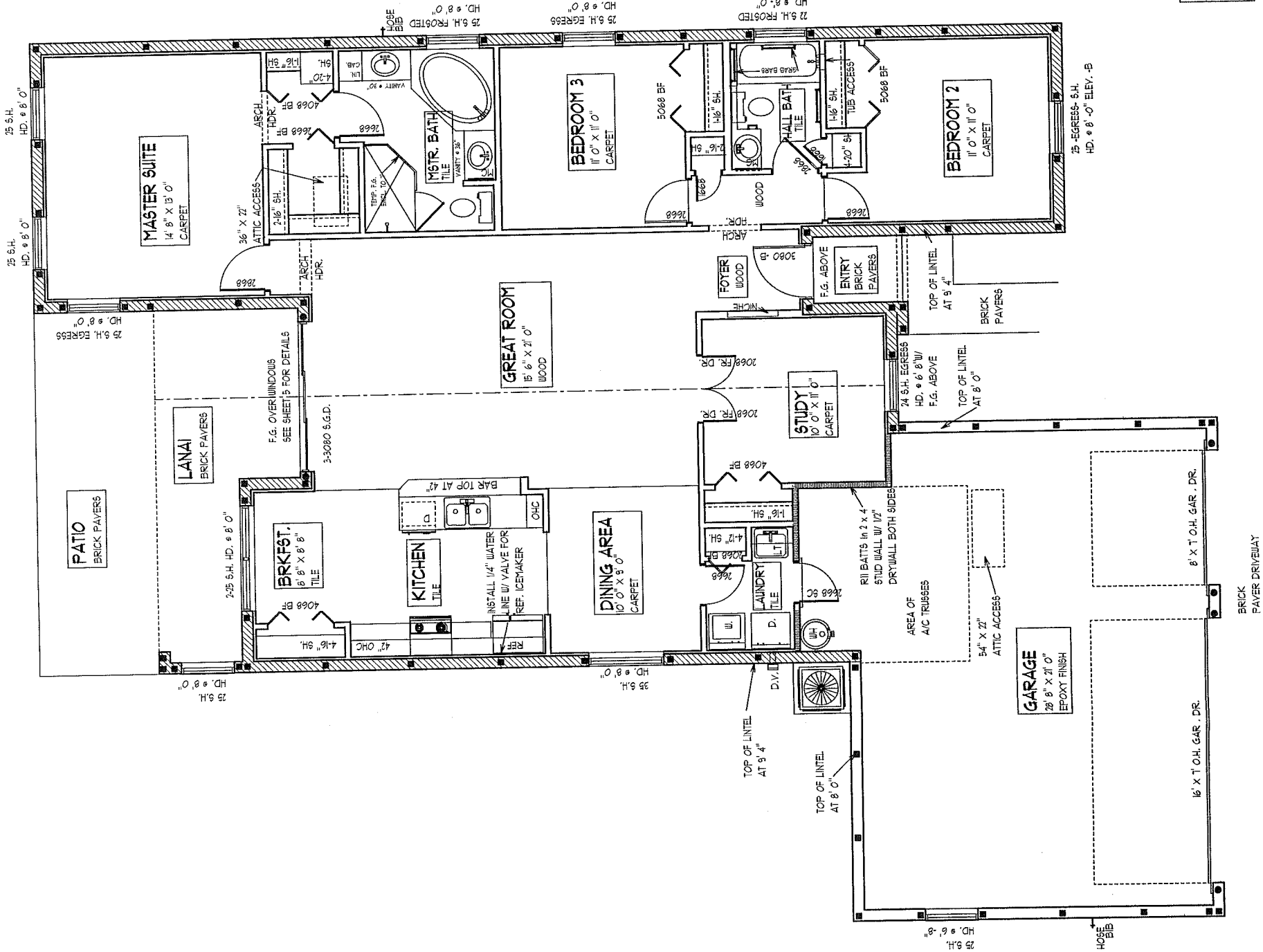
SCALE 1/8" = 1' 0"

A.E.C.S. # 11075

PINEHURST 1725

SQUARE FOOTAGES

LIVING AREA	- 115 S.F.
GARAGE	- 643 S.F.
LANAI	- 148 S.F.
ENTRY	- 25 S.F.
TOTAL	- 2589 S.F.





DEEB FAMILY
HOMES, LTD.
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08-29-11

MANNION RESIDENCE
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TARPON SPRINGS, FL.

I HEREBY CERTIFY THAT I HAVE
PERFORMED THE ATTACHED DESIGN
TO COMPLETELY WITH 123 MFL 3 SEC. GUST
LOADS AND IT IS IN COMPLIANCE WITH
RESIDENTIAL BUILDING CODES W/ 2009
SUPPLEMENTAL REPAIR STRUCTURE
ONLY
RICHARD E. ALLEN PE #56920
11/11/11

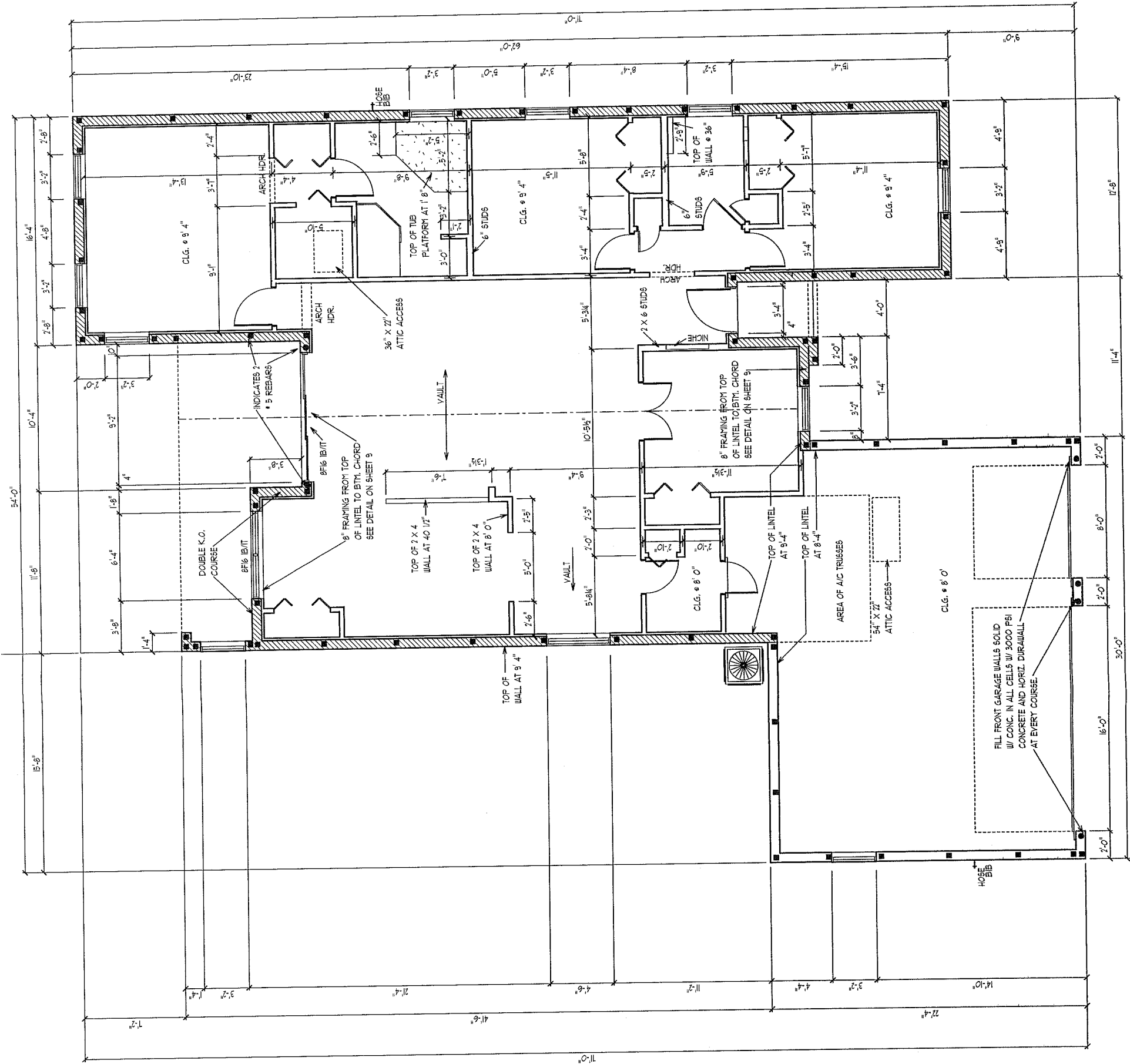
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DIMENSION PLAN

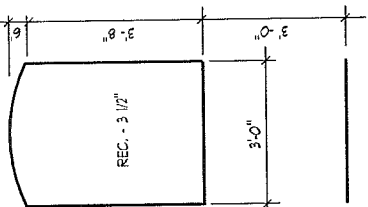
SCALE 1/8" = 1' 0"

A.E.C.S. # 11075

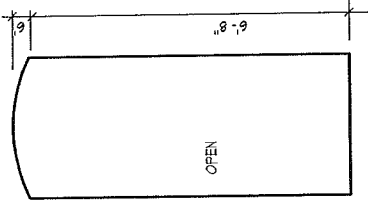
PINEHURST 1725



ENTRY
NICHE



TYPICAL
ARCH HEADER



4

DEEB FAMILY
HOMES, LTD.
9400 RIVER CROSSING BLD.
NEW PORT RICHEY, FL. 34655

PLAN DATE

02-10-11
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08-29-11

MANNION RESIDENCE
LOT 15 RIVERSIDE ESTATES
TARPON SPRINGS, FL.

1. HEREBY CERTIFY THAT I HAVE
PERFORMED THE ATTACHED DESIGN
TO COMPLY WITH THE MINIMUM
REQUIREMENTS OF THE
FLORIDA BUILDING CODE WITH
SUPPLEMENTAL REQUIREMENTS
ONLY.
SIGNATURE: *[Signature]*
RICHARD E. ALLEN P.E. #56920

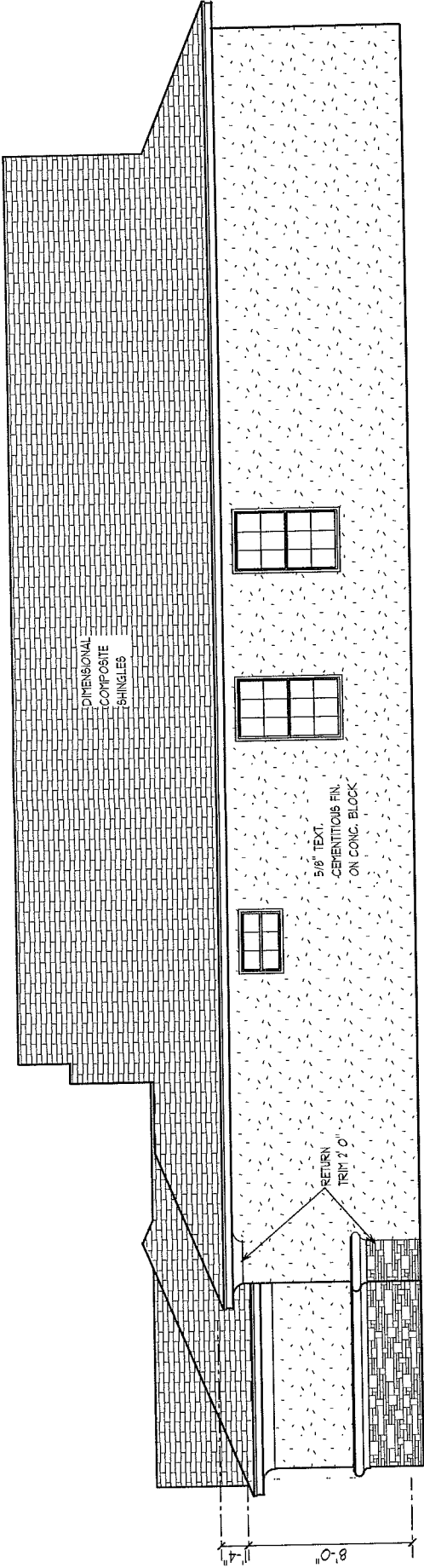
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EXTERIOR ELEVATIONS - B

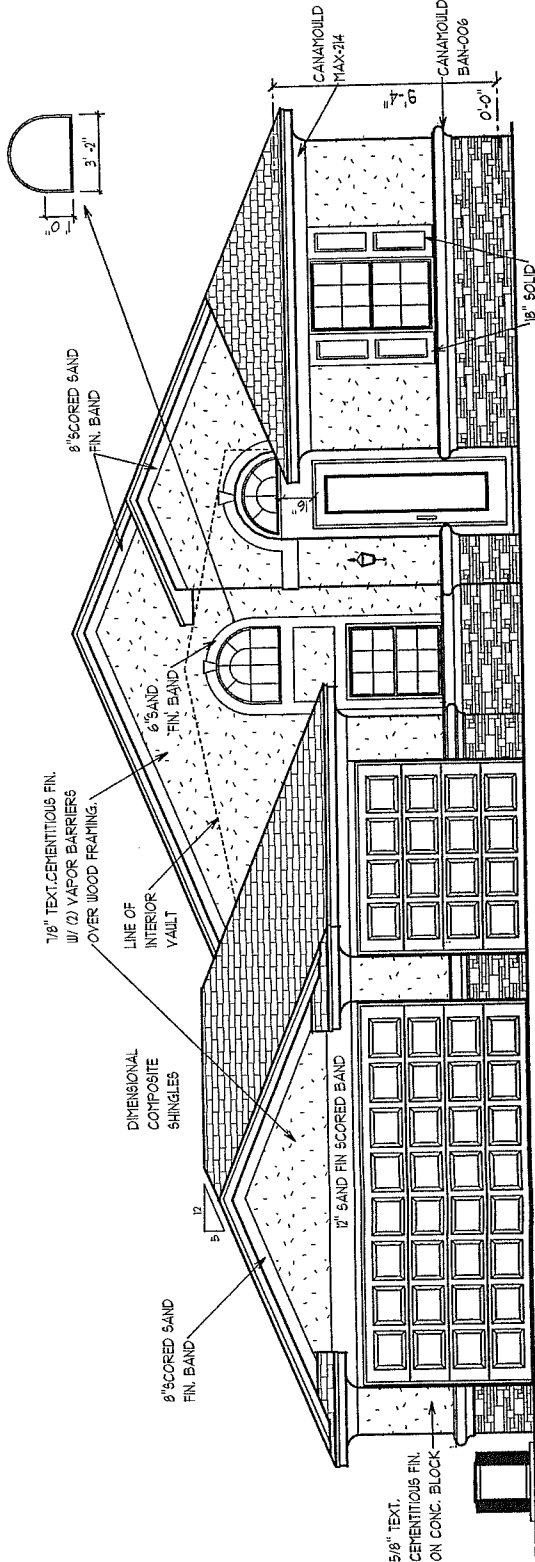
1/8" = 1' 0"

A.E.C.S. # 11075

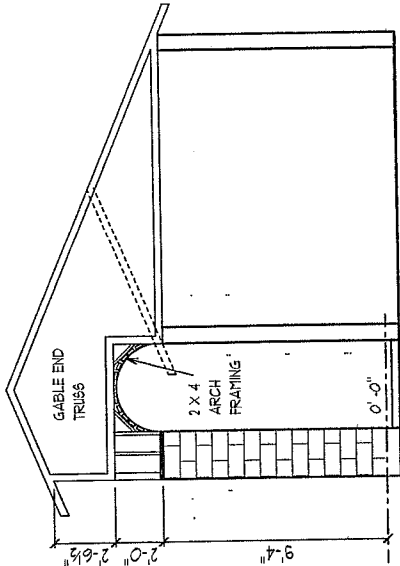
PINEHURST 1725



RIGHT SIDE ELEVATION



FRONT ELEVATION - B -



ENTRY DETAIL

5

DEEB FAMILY
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MANNNION RESIDENCE
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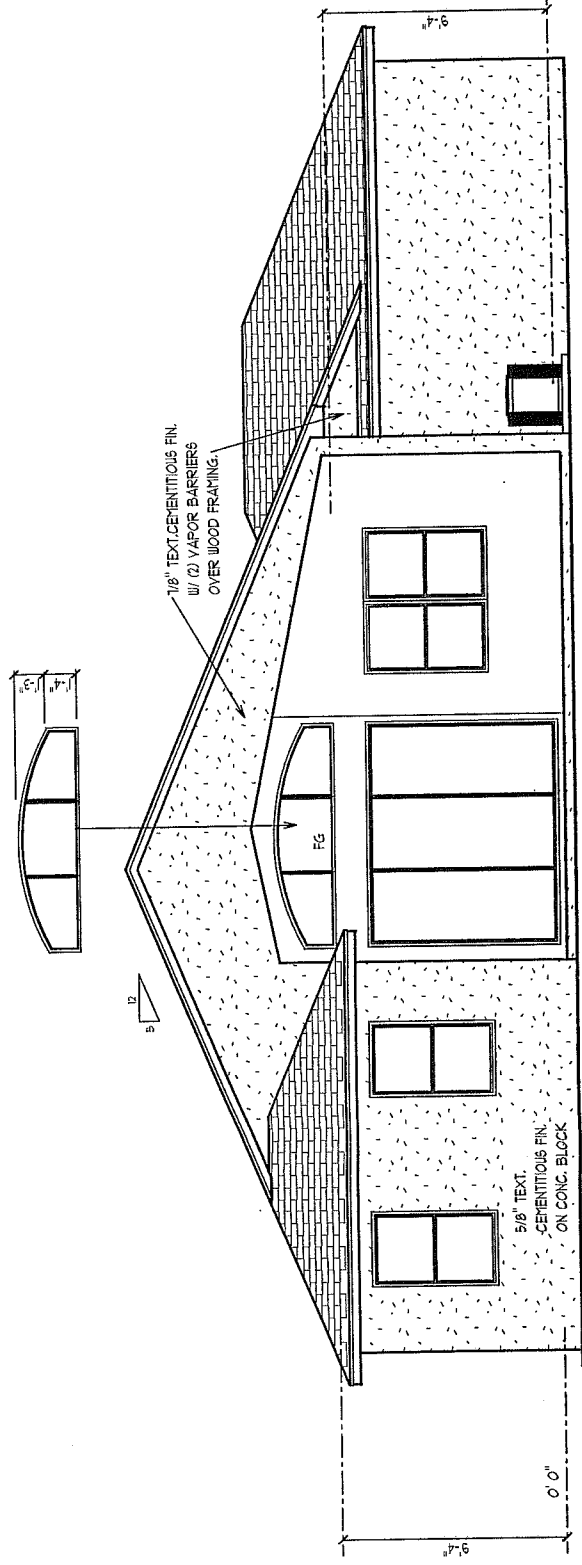
EXTERIOR ELEVATIONS - B

1/8" = 1' 0"

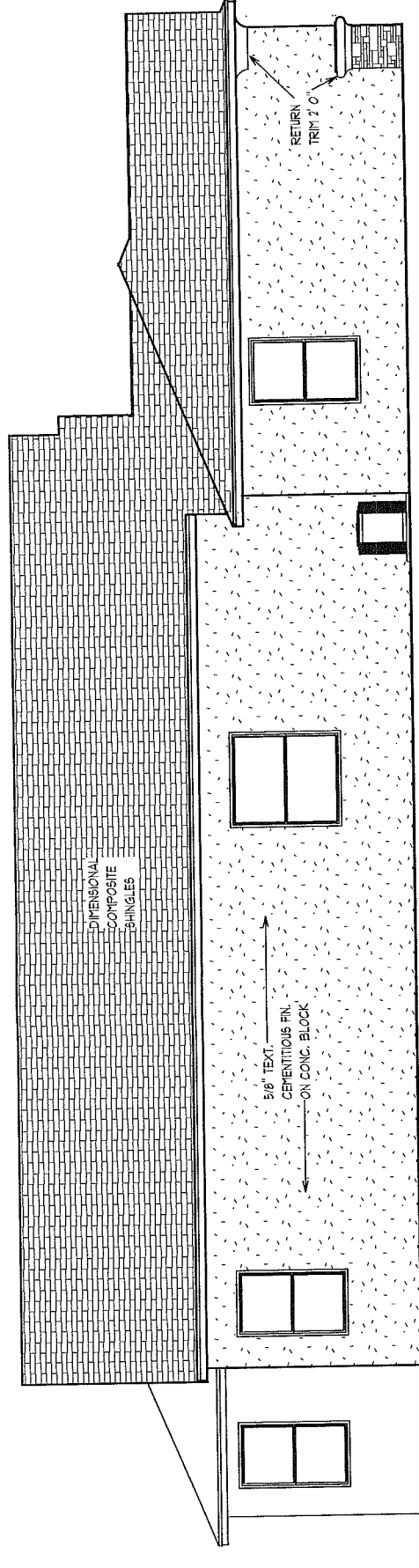
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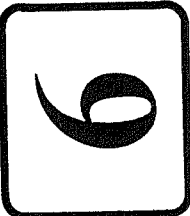
PINEHURST 1725

REAR ELEVATION



LEFT SIDE ELEVATION





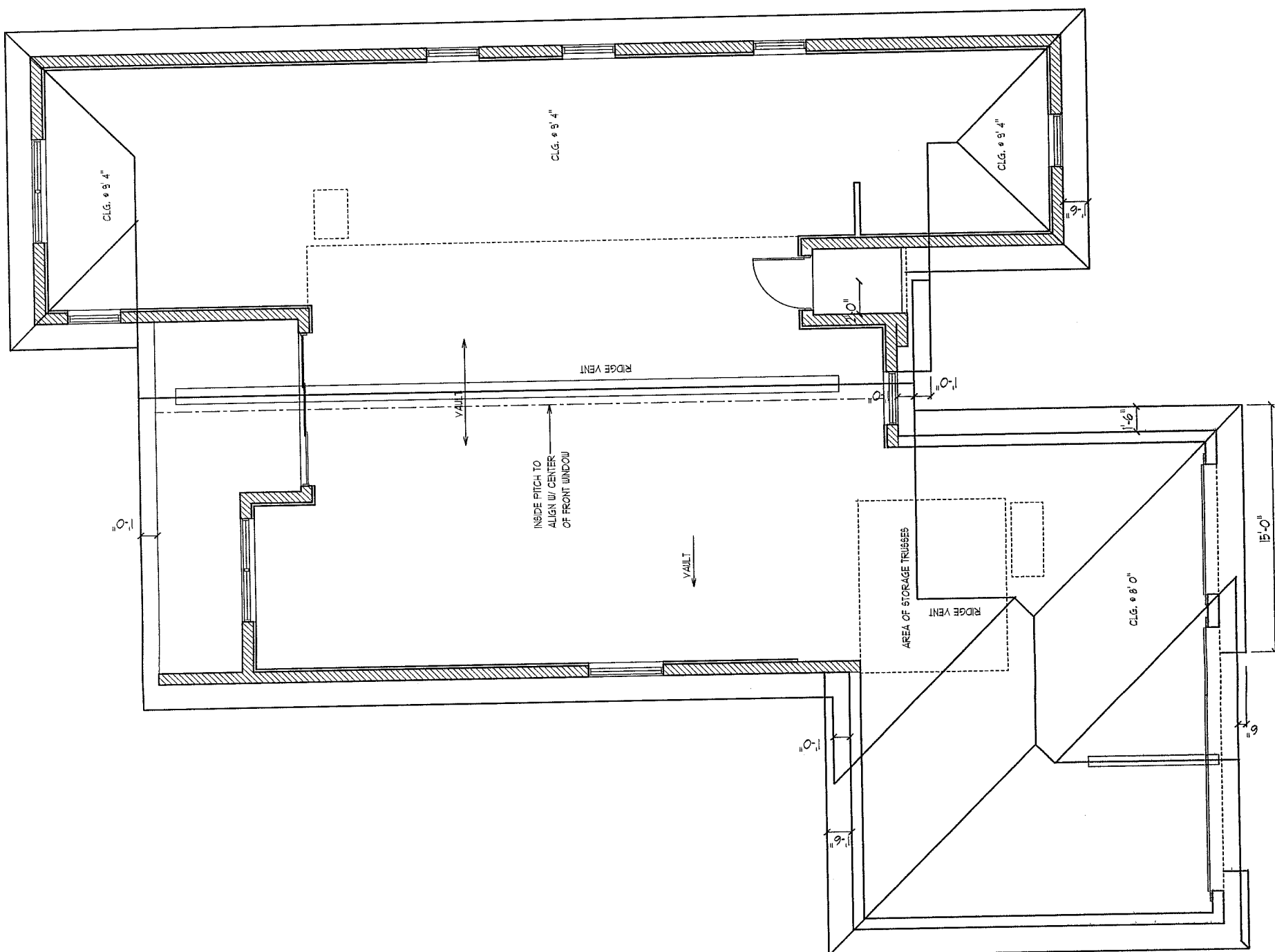
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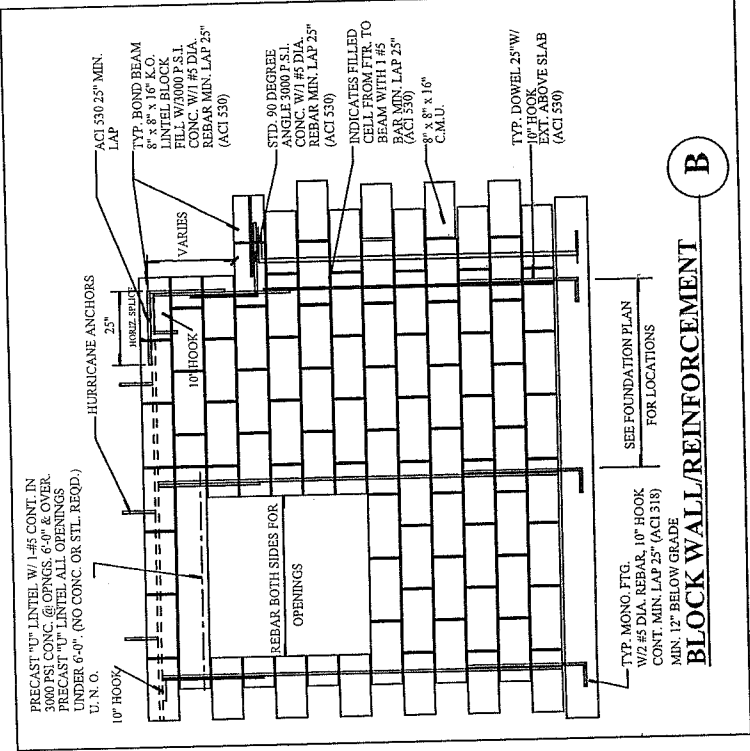
**MANNION RESIDENCE
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SCLEAF 1/8" = 1" O







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I HEREBY CERTIFY THAT I HAVE
PERFORMED THE ATTACHED DESIGN
TO COMPLY WITH 125 MPH WIND SPEED
LOADS AND IT IS IN COMPLIANCE WITH
SECTION 308 OF THE 2007 FLORIDA
SUPPLEMENTAL BUILDING CODE W/ 2009
ONLY
RICHARD E. ALLEN P.E. #56920

MANNION RESIDENCE
LOT 15 RIVERSIDE ESTATES
TARPON SPRINGS, FL.

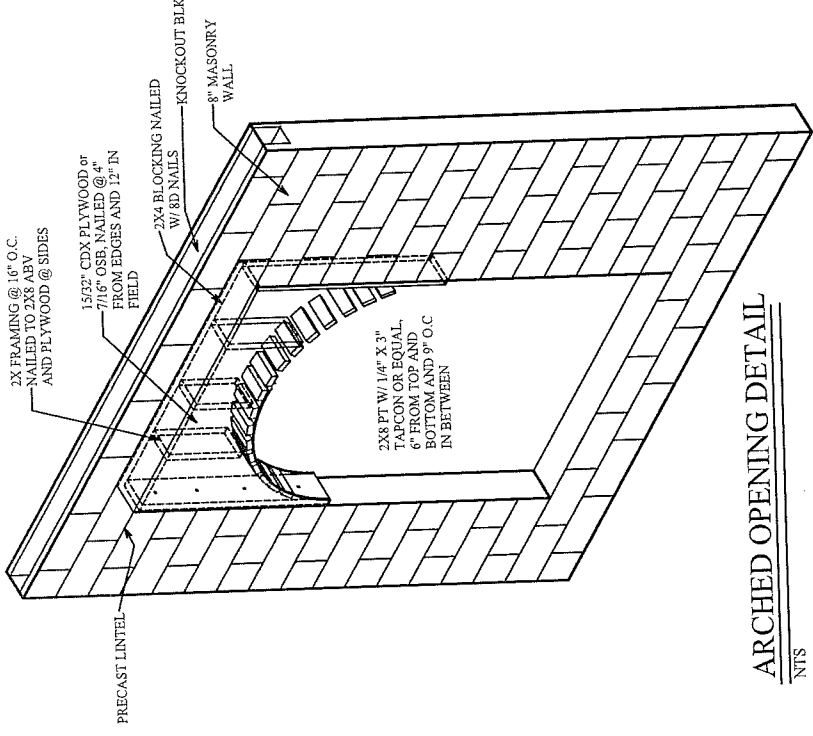
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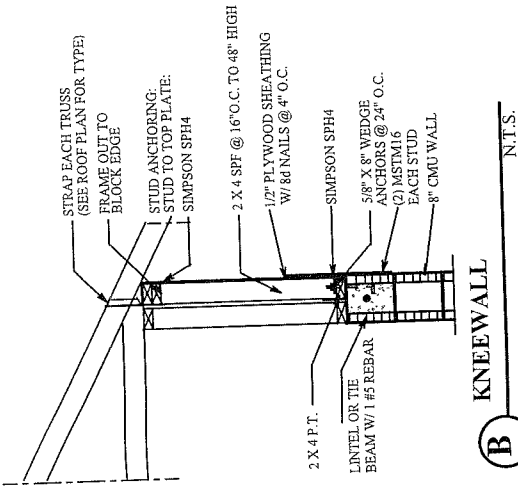
3-24-09

CONSTRUCTION DETAILS



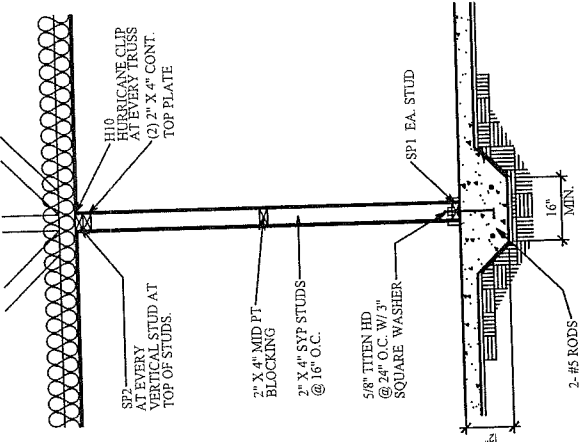
ARCHED OPENING DETAIL

NTS



KNEEWALL

NTS



BEARING PARTITION

TYP. RETROFIT VERT. DOWEL CONDITION

NOTE:
MISSING DOWELS: WHERE FOOTING DOWELS ARE PLACED INCORRECTLY OR MISTAKENLY ELIMINATED,
REPLACE DOWEL AT PROPER LOCATION W/ GRADE 40 #5 BAR. INSTALL IN SLAB W/ 8" MINIMUM
EMBEDMENT. USE EPOXY GROUT.

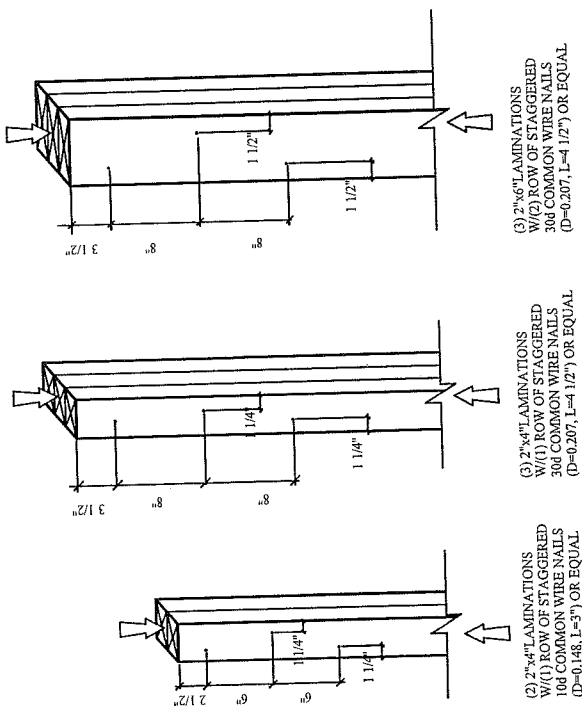
MISSING ANCHOR BOLTS AT BEARING WALL:

EXTERIOR BEARING WALL:

IN ADDITION TO THE GENERAL PLACEMENT REQUIREMENTS:
1.) 5/8" DIAMETER x 6" EMBEDMENT SIMPSON TITEN HD ANCHORS SPACED A MAXIMUM OF 24" O.C.

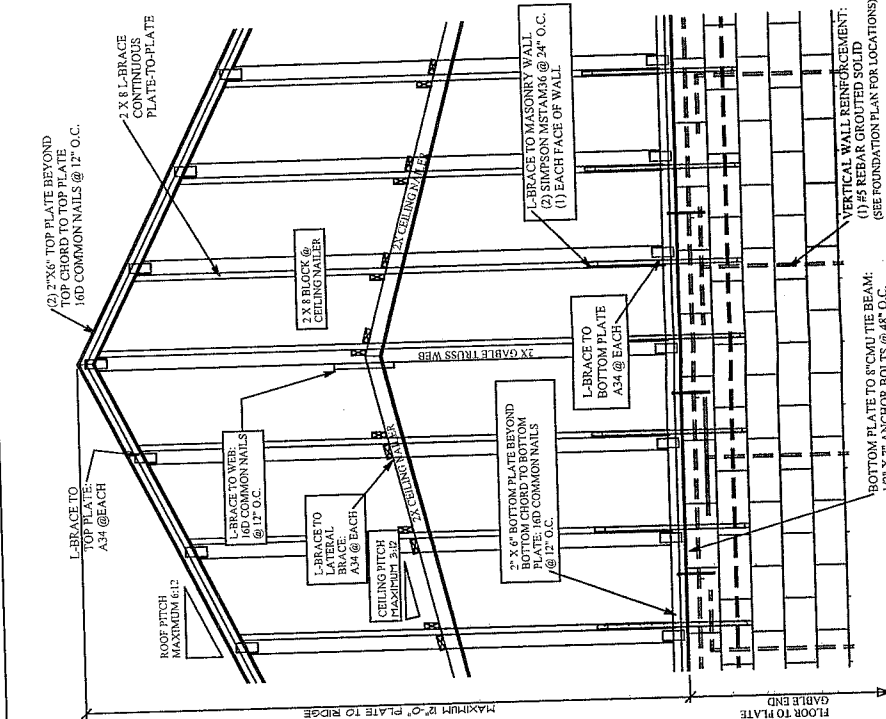
INTERIOR BEARING WALL:

IN ADDITION TO THE GENERAL PLACEMENT REQUIREMENTS:
1.) 5/8" DIAMETER x 6" EMBEDMENT SIMPSON TITEN HD ANCHORS SPACED A MAXIMUM OF 24" O.C. IF
RESISTING UPLIFT LOADS OR 3 1/2" EMBEDMENT AT 48" O.C. IF RESISTING GRAVITY LOADS



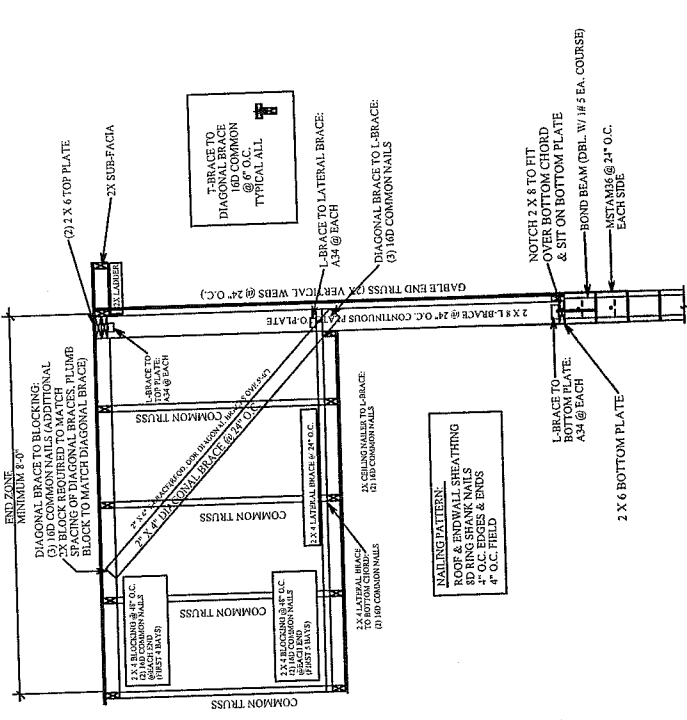
NOTES:
1) ADJACENT NAILS ARE DRIVEN FROM OPPOSITE
SIDES OF THE COLUMN.
2) ALL NAILS PENETRATE AT LEAST 3/4 OF THE
THICKNESS OF THE LAMINATION.
3) EACH COMMON NAIL MAY BE REPLACED W/ (2)
OF 5/16" C. SAME NUMBER OF ROES, SAME SPACING
4) FOR 4-PLY, PROVIDE 1/4" DIA. X 5 1/2" LAG SCREWS OR EQUAL
(SPACE AS SHOWN FOR 3-PLY)
5) FOR 5-PLY, PROVIDE 1/4" DIA. X 7" LAG SCREWS OR EQUAL
(SPACE AS SHOWN FOR 3-PLY)
6) REFER TO NDS SECTION 15.3 FOR ADDITIONAL INFORMATION

TYP. NAILING SCHEDULE FOR BUILT-UP COLUMNS



ELEVATION

GABLE END WALL W/ SCISSOR TRUSSES



SECTION

GABLE END WALL W/ SCISSOR TRUSSES

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rich@allenengrtheetingservices.com

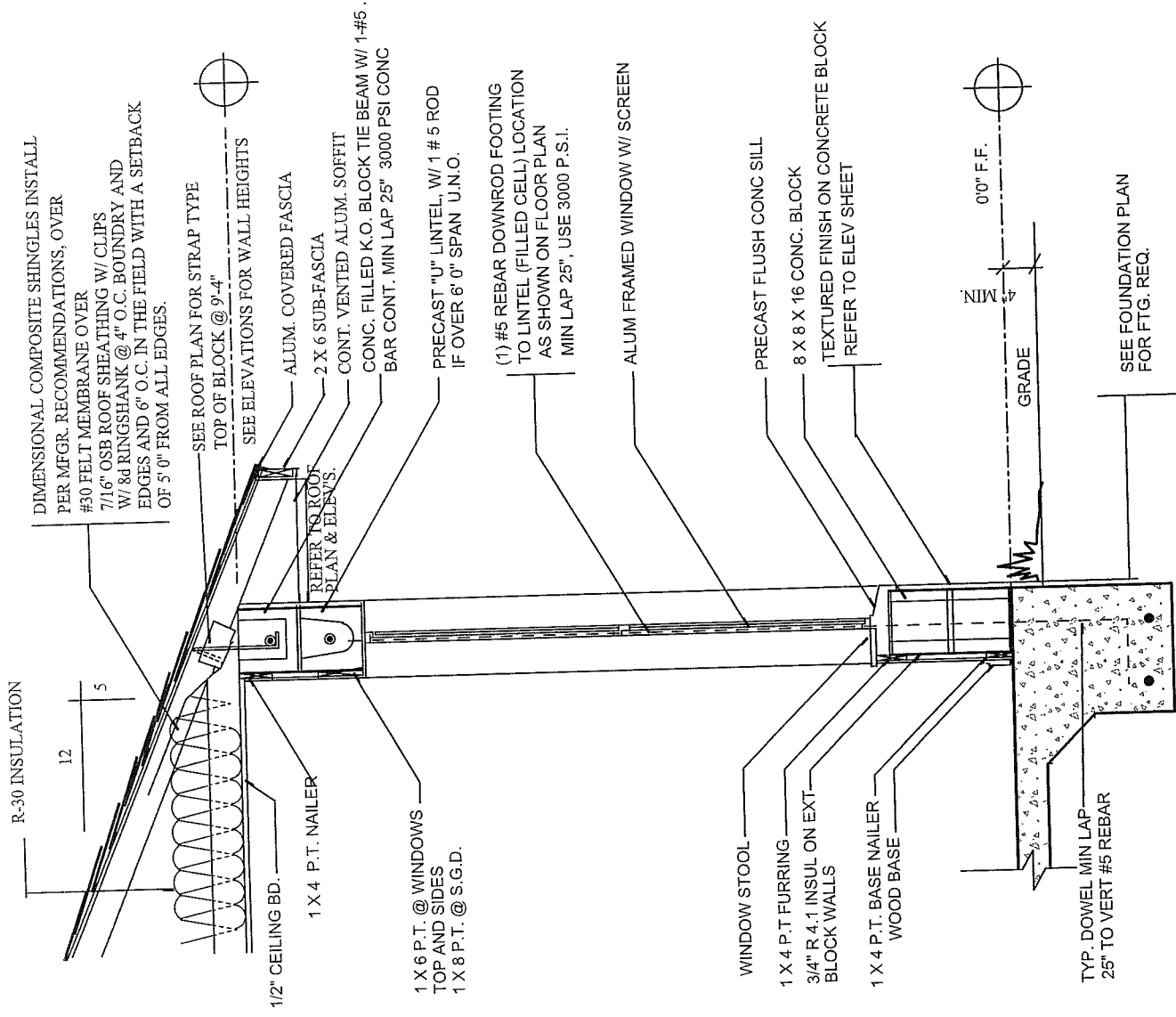
SIGNATURE: *[Signature]*
RICHARD B. ALLEN P.E. #56920
SUPPLEMENTAL SPECIFICATIONS TO THE 2009
RESIDENTIAL BUILDING CODE W/ 2009
SECT. 901 OF THE 2007 FLORIDA
TO COMPLY WITH 123 MPH 3 SEC. GUST
LOADS AND IT IS IN COMPLIANCE WITH
PERFORMED THE ATTACHED DESIGN
I HEREBY CERTIFY THAT I HAVE

MANNION RESIDENCE
LOT 15 RIVERSIDE ESTATES
TARPON SPRINGS, FL.

PLAN DATE
02-10-11
08-04-11
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08-29-11

DEEB FAMILY
HOMES, LTD.
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NEW PORT RICHEY, FL. 34655

10



CONNECTOR TABLE

SIMPSON	FLORIDA PRODUCT NUMBERS PER INDEX 3-17-09
MET16	11473.17
HT10	10456.13
MGT	10456.6
LST7A24	11470.7
SP1	10552.4
SP2	10456.41
VTC4	10456.42
LGT2	10861.5
ECCQ34SDS2.5	11470.6
HTS20	10590.10
HTT16	10456.13
	11456.1

A TYPICAL WALL SECTION

TERMITE SPECIFICATIONS:

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