

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 PROVIDED 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

55

DEEB FAMILY HOMES, LTD.

9400 RIVER CROSSING BLD.
NEW PORT RICHEY, FL. 34655

PLAN DATE

11-18-10

LOT 6
RIVER COURT
TARPON SPRINGS, FL.

A.E.C.S. # 10061-6

PINEHURST 1725

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. 301 OF THE 2007 FLORIDA RESIDENTIAL BUILDING CODE W/ 2009 SUPPLEMENT INSTALLED FOR STRUCTURE ONLY
SIGNED: *Richard E. Allen*
RICHARD E. ALLEN P.E. #56920

ALLEN ENGINEERING & CONSTRUCTION SERVICES
RICH ALLEN PROFESSIONAL ENGINEER
P.E. # 56920 C.A. # 9542

P.O. BOX 1870
NEW PORT RICHEY, FL. 34656
727-842-6100 Fax. 727-825-3973
rich@allenengineeringservices.com

NOTES

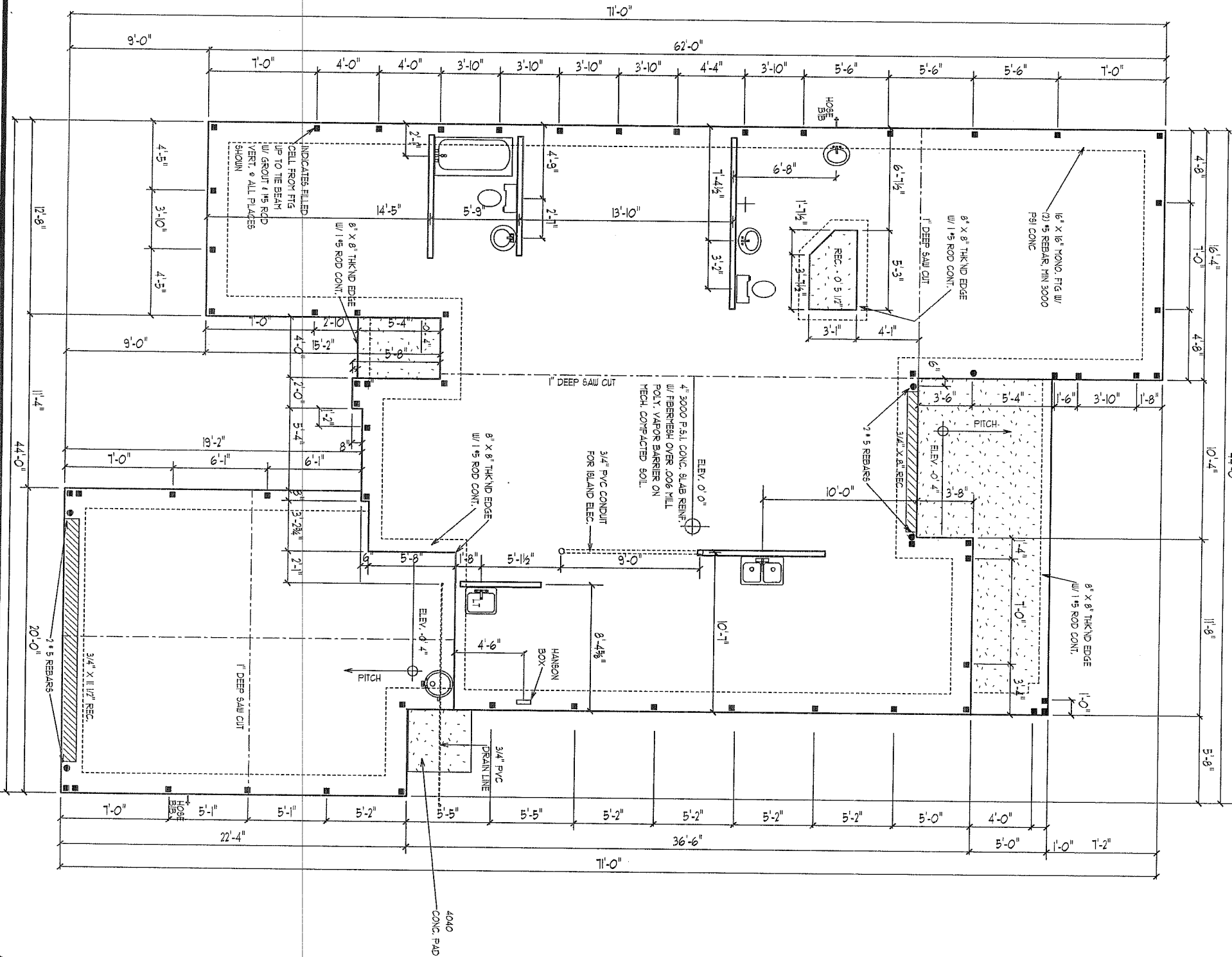
- 1) THE FOUNDATION SYSTEM FOR THIS PLAN IS DESIGNED FOR A MINIMUM ALLOWABLE SOIL BEARING PRESSURE OF 3000 P.S.F. WITH NO SOIL REPORT OR INFORMATION PROVIDED.
- 2) FOOTINGS TO BEAR MIN. 12" BELOW GRADE.
- 3) FOOTINGS TO BEAR ON UNDISTURBED SOIL OR FILL COMPACTED TO 95% MOD. PROCTOR BETWEEN LESS THAN 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. 1912 (EXCEPTION 1)

DRIVEWAY SPEC.
DRIVEWAY NOT IN RIGHT OF WAY AND ALL SIDEWALKS TO BE 4" 3000PSI CONC. W/ FIBERESH.
DRIVEWAY IN RIGHT OF WAY TO BE 6" 3000 PSI CONCRETE WITH FIBERESH 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. # 10061-6

PINEHURST 1725

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HOMES, LTD.

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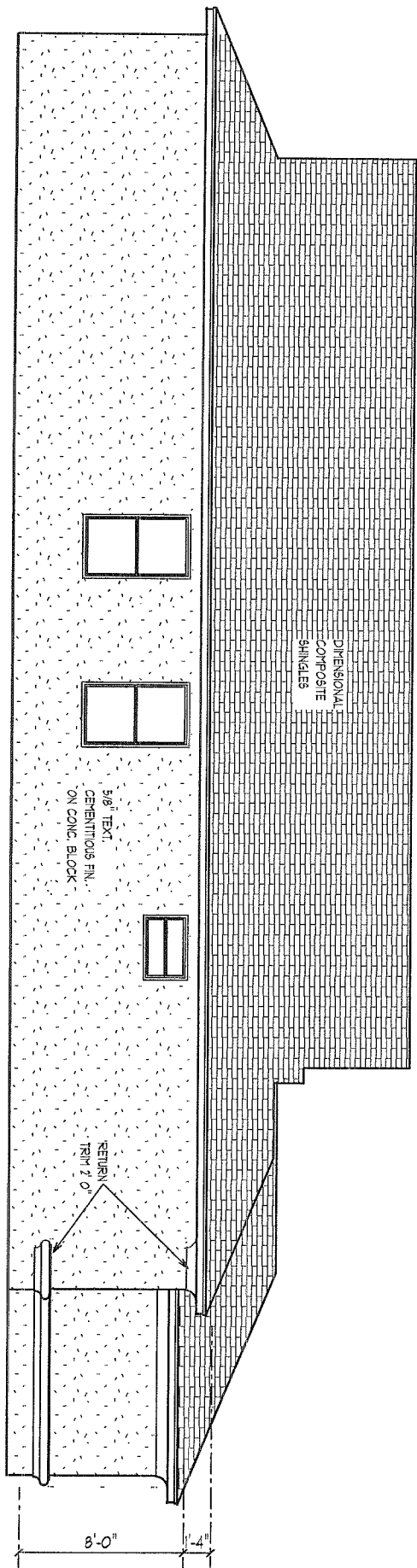
PLAN DATE

11-18-10

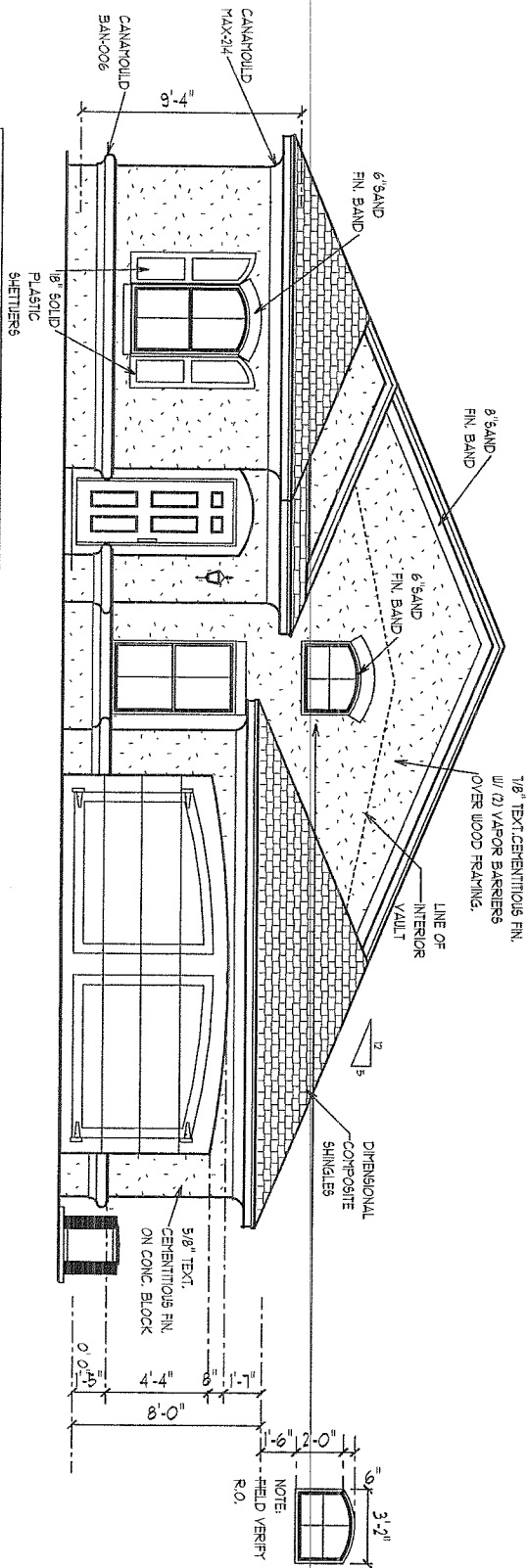
LOT 6
RIVER COURT
TARPON SPRINGS, FL.

I HEREBY CERTIFY THAT I HAVE PERFORMED THE ATTACHED DESIGN TO COMPLY WITH THE 2007 FLORIDA RESIDENTIAL BUILDING CODE W/ 2009 SUPPLEMENT. SEALED FOR STRUCTURE ONLY.
SIGNED: RICHARD E. ALLEN P.E. #56920

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LEFT SIDE ELEVATION



FRONT ELEVATION

EXTERIOR ELEVATIONS - A

1/8" = 1' 0"

A.E.C.S. # 10061-6

PINEHURST 1725

4

DEEB FAMILY
HOMES, LTD.

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NEW PORT RICHEY, FL. 34655

PLAN DATE

11-18-10

LOT 6
RIVER COURT
TARPON SPRINGS, FL.

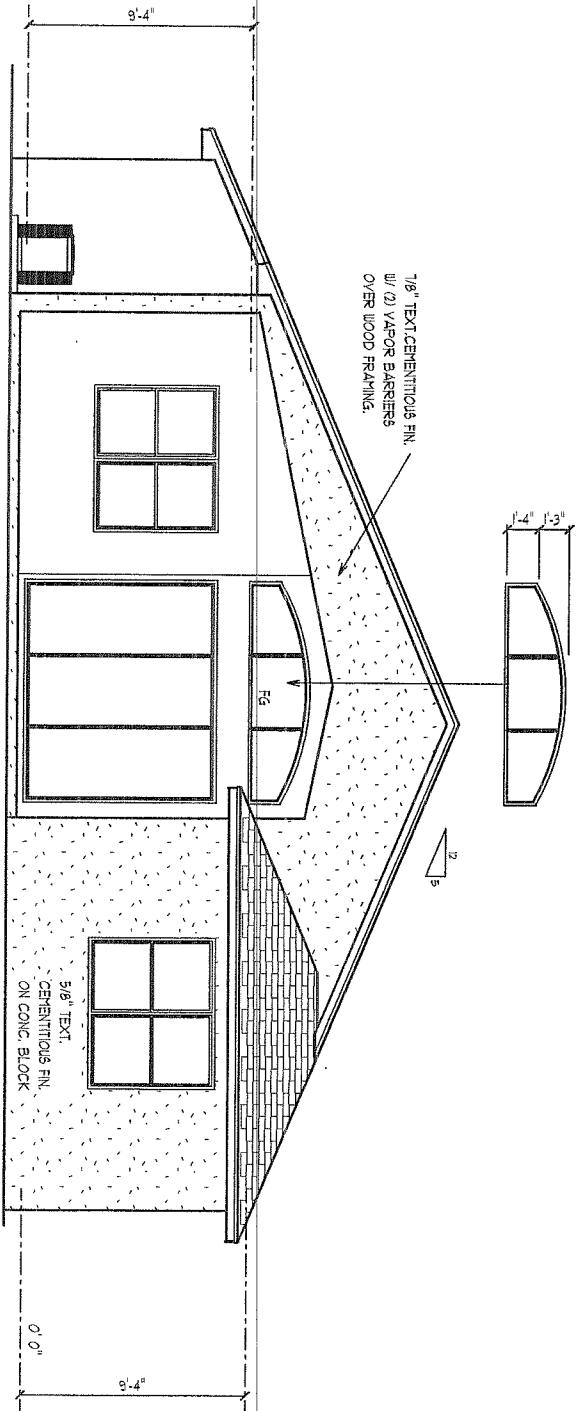
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RESIDENTIAL BUILDING CODE W/ 2009
SUPPLEMENT. SEALED FOR STRUCTURE
ONLY

SIGNED
RICHARD E. ALLEN P.E. #56920

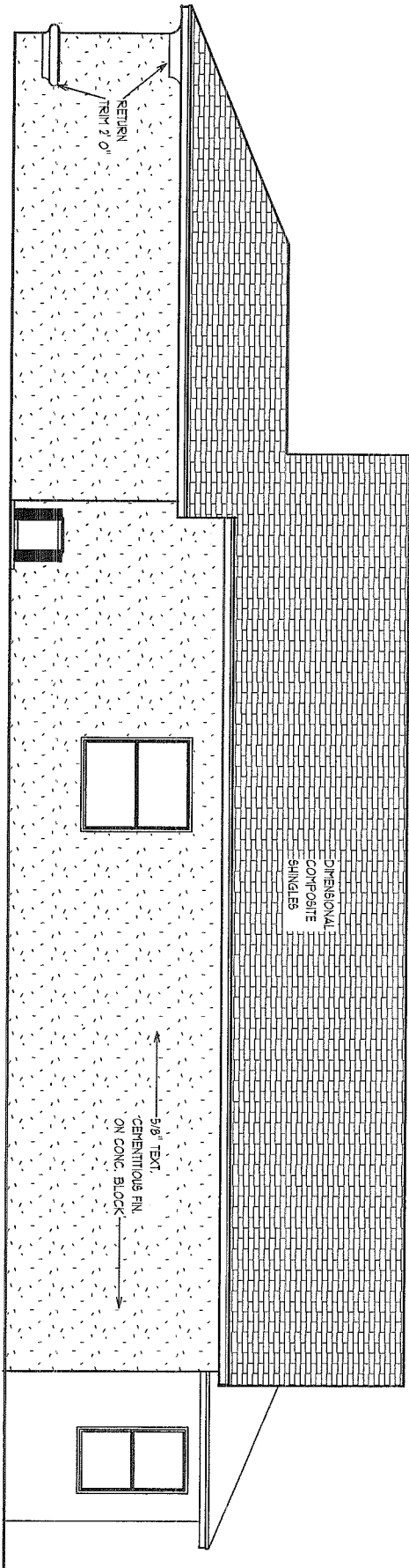
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REAR ELEVATION



RIGHT SIDE ELEVATION



EXTERIOR ELEVATIONS -A

1/8" = 1' 0"

A.E.C.S. # 10061-6 PINEHURST 1725

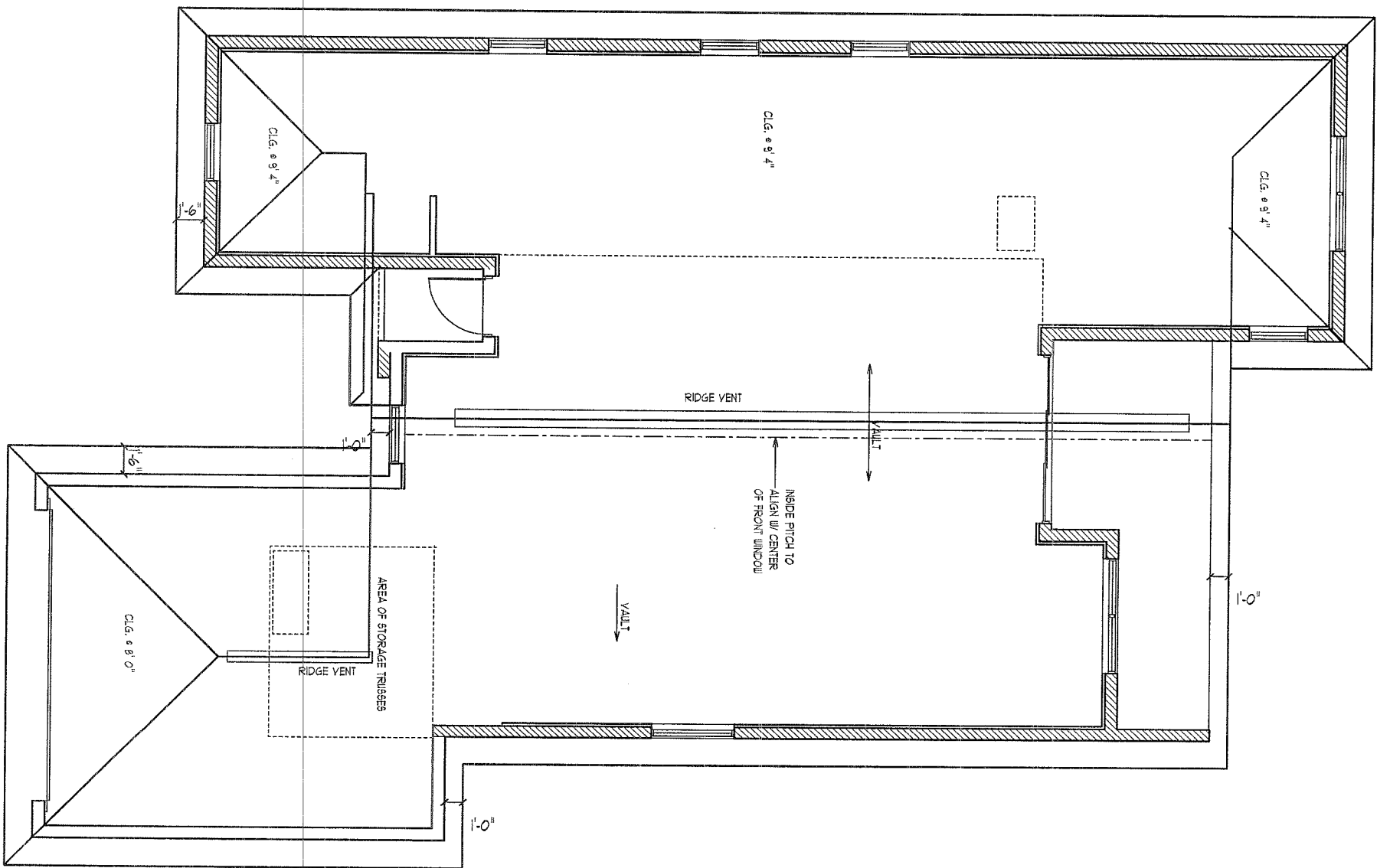
5

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NEW PORT RICHEY, FL. 34655

PLAN DATE

11-18-10

LOT 6
RIVER COURT
TARPON SPRINGS, FL.



ROOF PLAN -A

SCLAE 1/8" = 1' 0"

A.E.C.S. # 10061-6 PINEHURST 1725

	DEEB FAMILY HOMES, LTD. 9400 RIVER CROSSING BLD. NEW PORT RICHEY, FL. 34655	PLAN DATE 11-18-10	LOT 6 RIVER COURT TARPON SPRINGS, FL.		

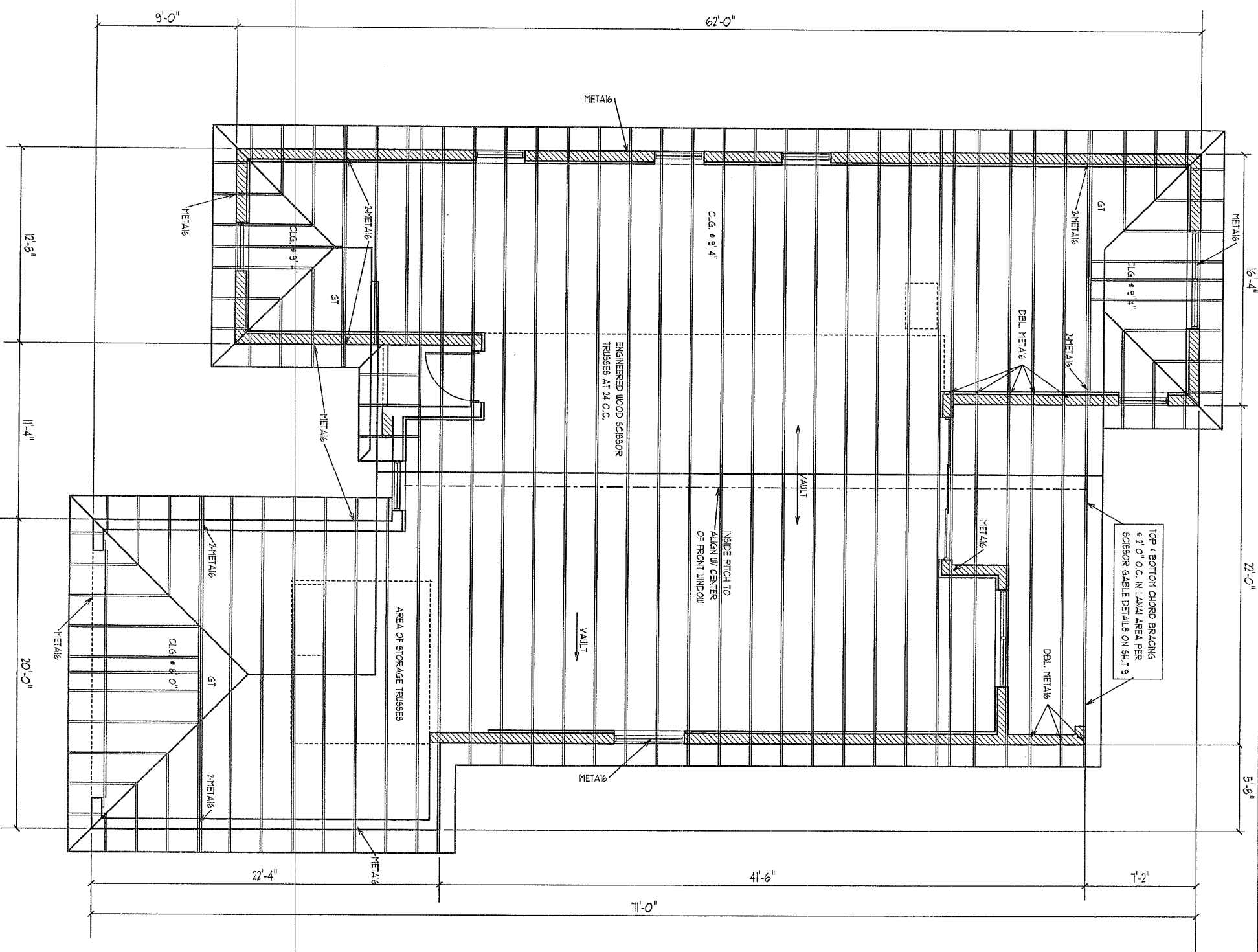
IMPORTANT NOTE:

THIS FRAMING PLAN IS DIAGNOSTIC 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.

ALL TRUSS TO TRUSS CONNECTORS BY TRUSS SYSTEMS ENGINEER AND TO BE SPECIFIED ON INDIVIDUAL SEALED TRUSS SHEETS

NOTE: INSTALL MOISTURE BARRIER BETWEEN MASONRY & UNTREATED WOOD

ATTIC VENTILATION:
PROVIDE 50 % OF 1/50 th
ATTIC AREA AT RIDGE,
REMAINDER AT SOFFIT



TRUSS PLAN - A

SCALE 1/8" = 1' 0"

A.E.C.S. # 10061-6

PINEHURST 1725

6A

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HOMES, LTD.**
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NEW PORT RICHEY, FL. 34655

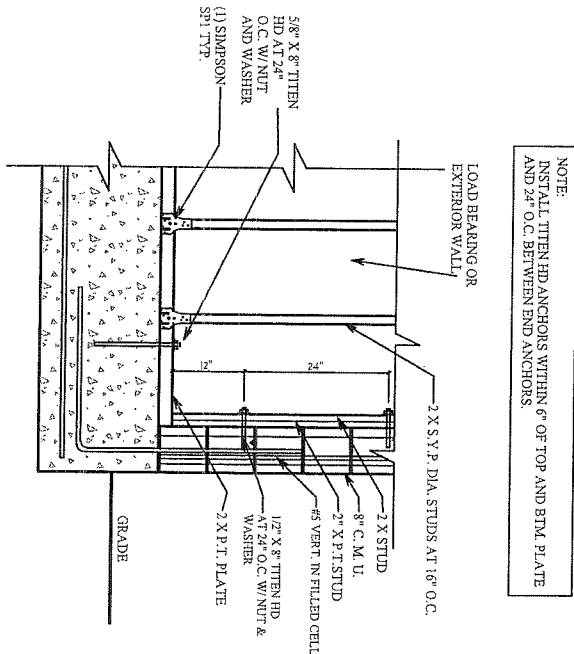
PLAN DATE

11-18-10

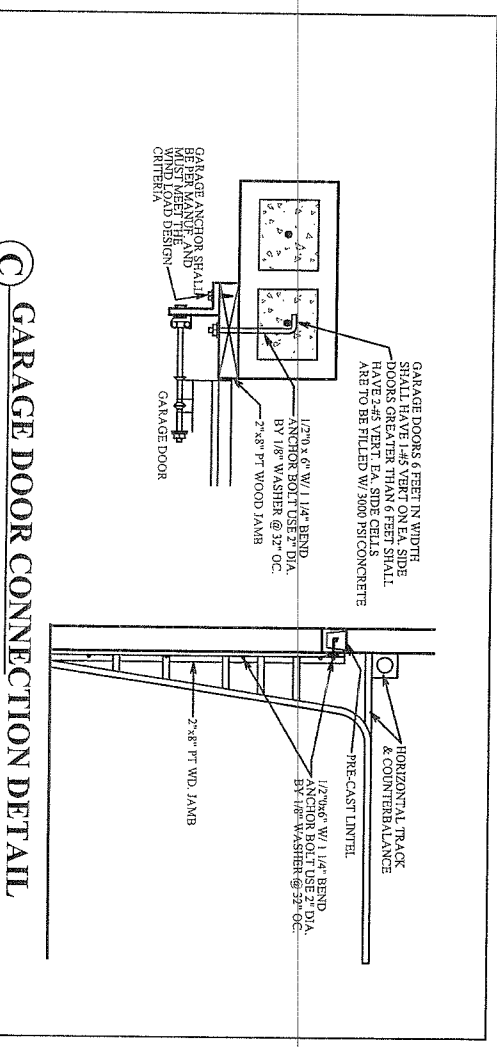
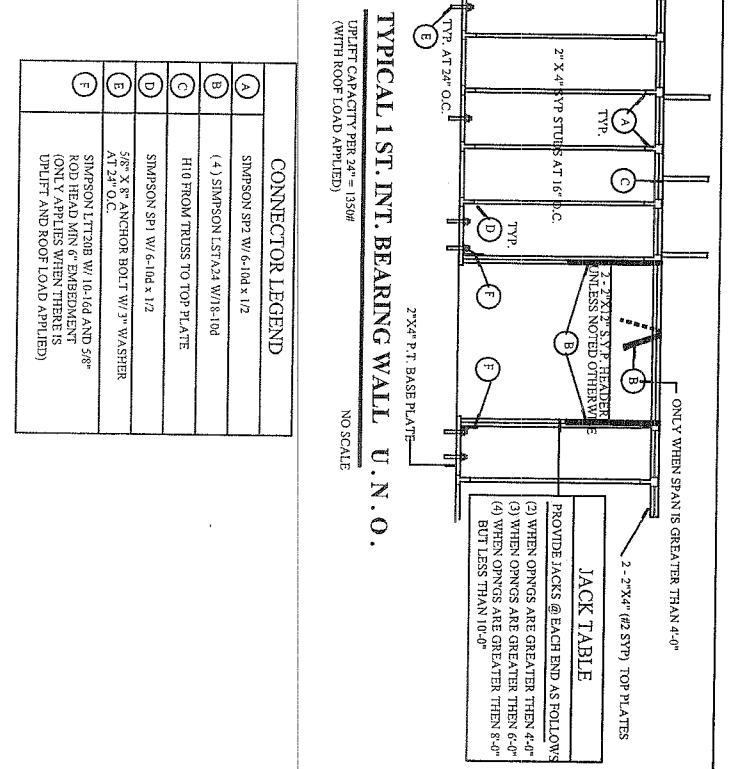
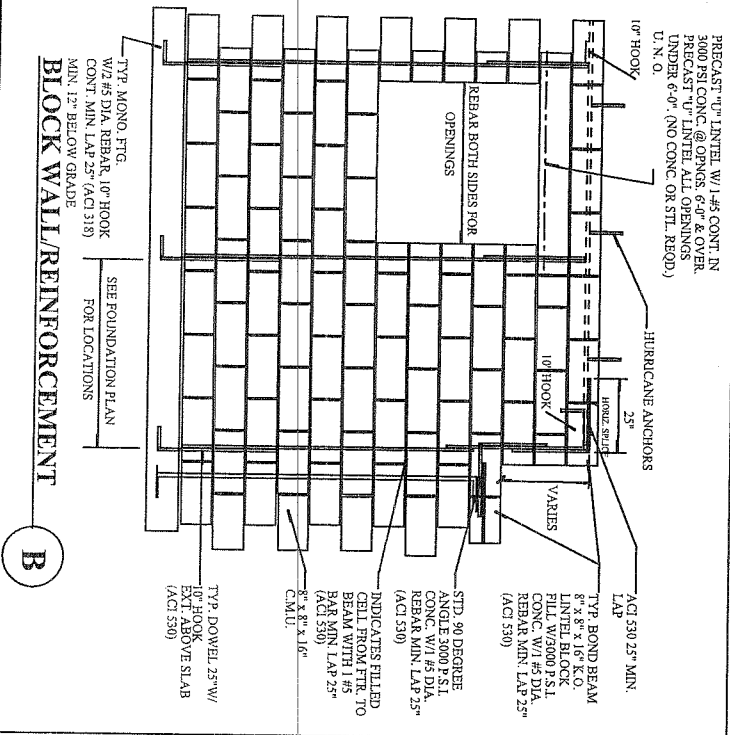
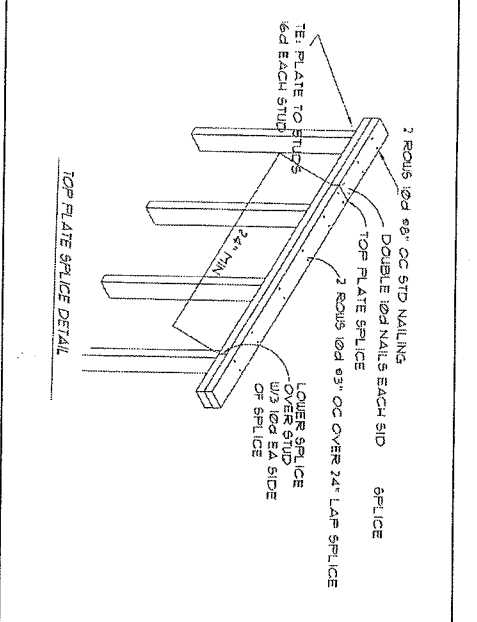
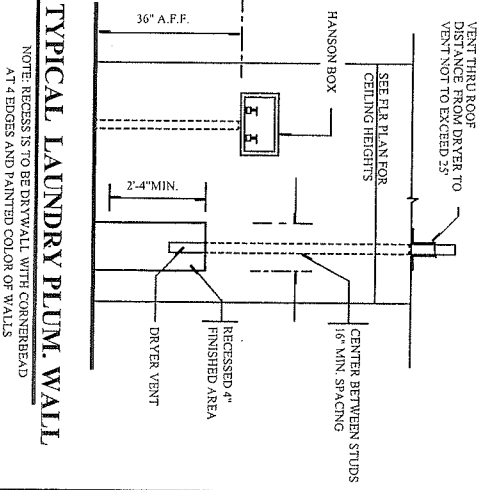
**LOT 6
RIVER COURT
TARPON SPRINGS, FL.**

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. 301 OF THE 2007 FLORIDA
RESIDENTIAL BUILDING CODE W/ 2009
SUPPLEMENTS SEALED FOR STRUCTURE
ONLY
SIGNED *Richard E. Allen* P.E. #56920
RICHARD E. ALLEN P.E. #56920

**ALLEN ENGINEERING &
CONSTRUCTION SERVICES**
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rich@allenengineeringservices.com



A WOOD STUD CONNECTION TO MASONRY WALL



CONSTRUCTION DETAILS

8

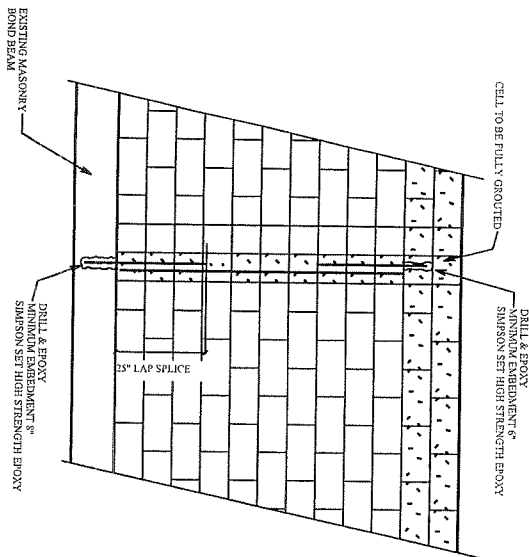
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NEW PORT RICHEY, FL. 34655

PLAN DATE
11-18-10

**LOT 6
RIVER COURT
TARPON SPRINGS, FL.**

I HEREBY CERTIFY THAT I HAVE PERFORMED THE ATTACHED DESIGN TO COMPLY WITH 125 MPH 3 SEC. GUST LOADS AND IT IS IN COMPLIANCE WITH SECT. 301 OF THE 2007 FLORIDA RESIDENTIAL BUILDING CODE W/ 2009 SUPPLEMENTS ADAPTED FOR STRUCTURE ONLY
SIGNED *Allen* 11/23/10
RICHARD E. ALLEN P.E. #56920

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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:

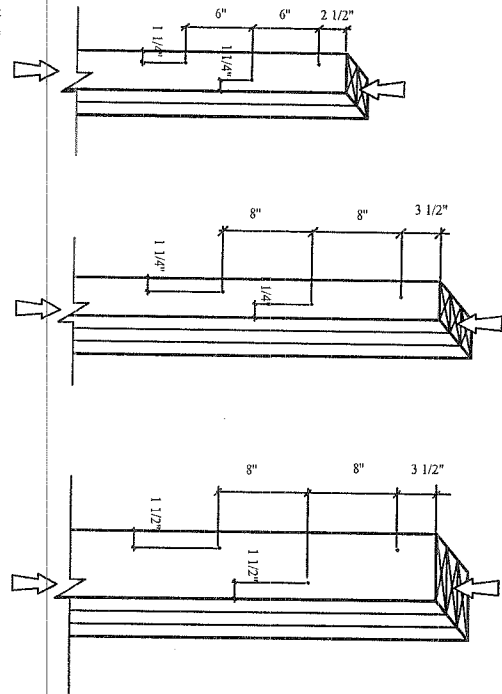
IN ADDITION TO THE GENERAL PLACEMENT REQUIREMENTS:

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



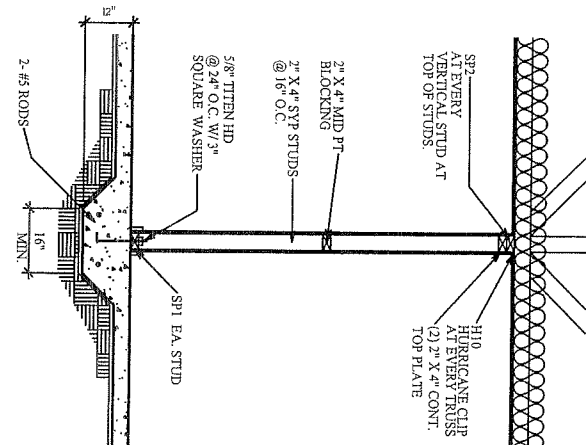
(2) 2"x4" LAMINATIONS
W/ (1) ROW OF STAGGERED
100 COMMON WIRE NAILS
(D=0-148, L=3") OR EQUAL

(3) 2"x4" LAMINATIONS
W/ (1) ROW OF STAGGERED
300 COMMON WIRE NAILS
(D=0-207, L=4 1/2") OR EQUAL

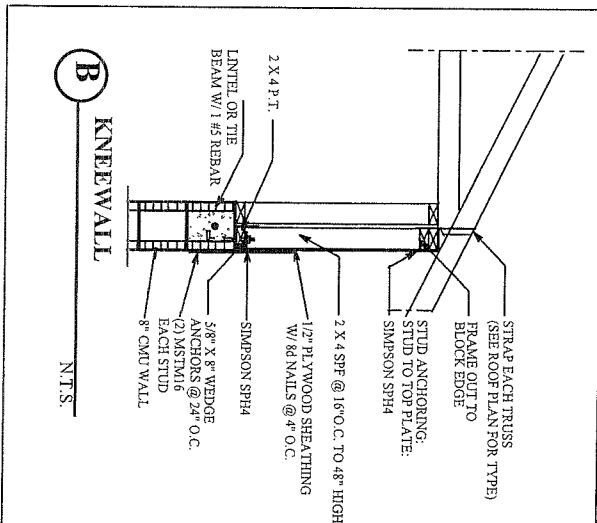
(3) 2"x6" LAMINATIONS
W/ (2) ROWS OF STAGGERED
500 COMMON WIRE NAILS
(D=0-207, L=4 1/2") OR EQUAL

NOTES:
1) ADJACENT WALLS ARE DRIVEN FROM OPPOSITE
SIDES OF THE COLUMN
2) ALL NAILS PENETRATE AT LEAST 3/4 OF THE
THICKNESS OF THE LAST LAMINATION
3) EACH COMMON NAIL MAY BE REPLACED W/ (2)
OF BOLT. SAME NUMBER OF BOLTS AS THE SPACE
4) FOR 4x11Y, PROVIDE 1/4" DIA. X 3 1/2" LAG SCREWS OR EQUAL
(SPACE AS SHOWN FOR 3x11Y)
5) FOR 5x11Y, PROVIDE 1/4" DIA. X 7" LAG SCREWS OR EQUAL
(SPACE AS SHOWN FOR 3x11Y)
6) REFER TO NDS SECTION 15.3 FOR ADDITIONAL INFORMATION

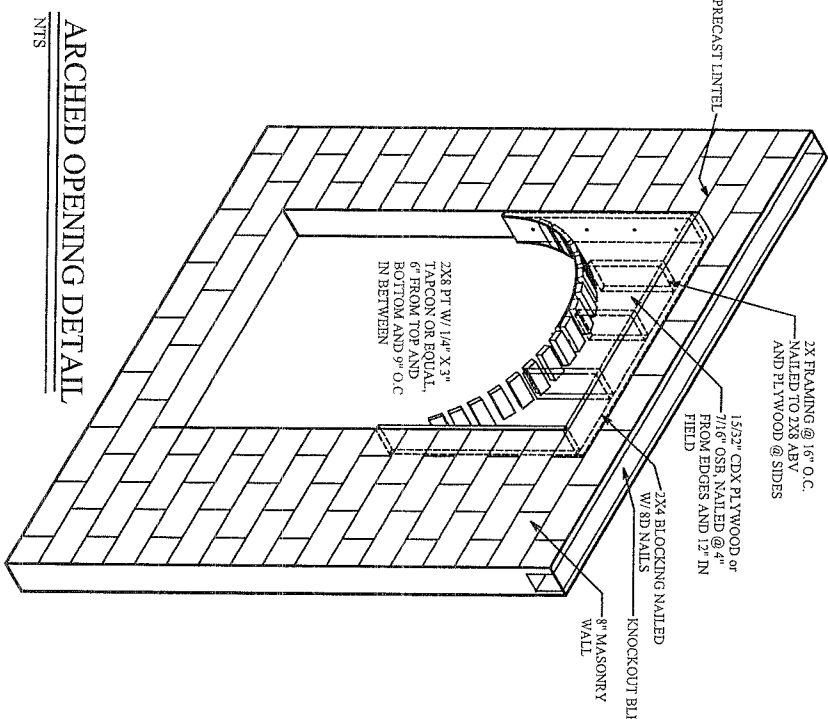
TYP. NAILING SCHEDULE FOR BUILT-UP COLUMNS



BEARING PARTITION

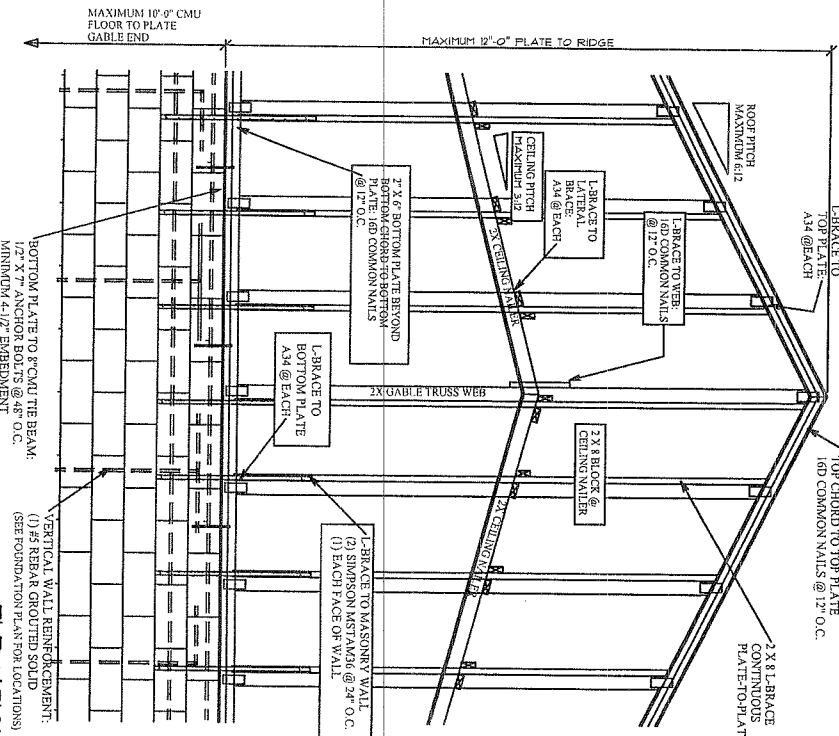


KNEEWALL

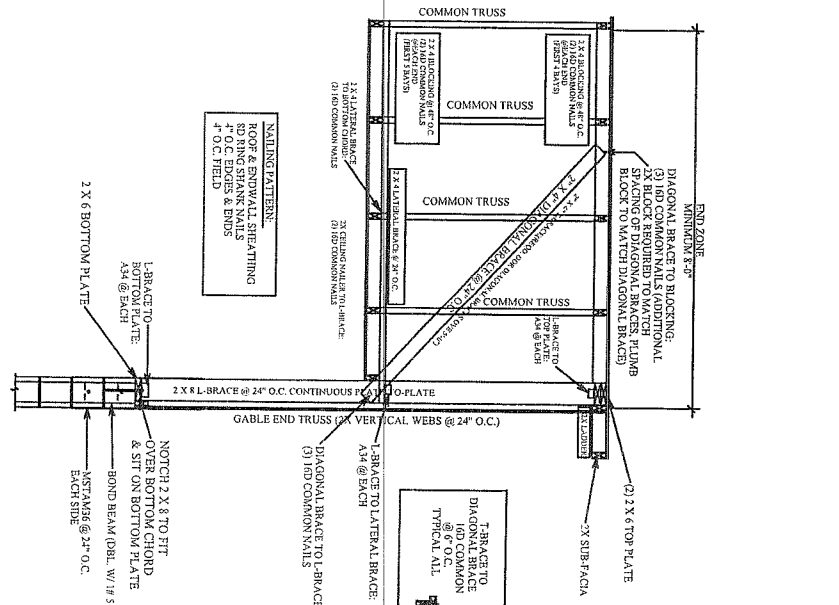


ARCHED OPENING DETAIL

NTS



GABLE END WALL W/ SCISSOR TRUSSES



GABLE END WALL W/ SCISSOR TRUSSES

CONSTRUCTION DETAILS

A.E.C.S. # 10061-6
PINEHURST 1725

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SUPPLEMENT. SEAL FOR STRUCTURE
ONLY
SIGNED: *Allen* 4/23/10
RICHARD E. ALLEN P.E. #56920

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LOT 6
RIVER COURT
TARPON SPRINGS, FL.

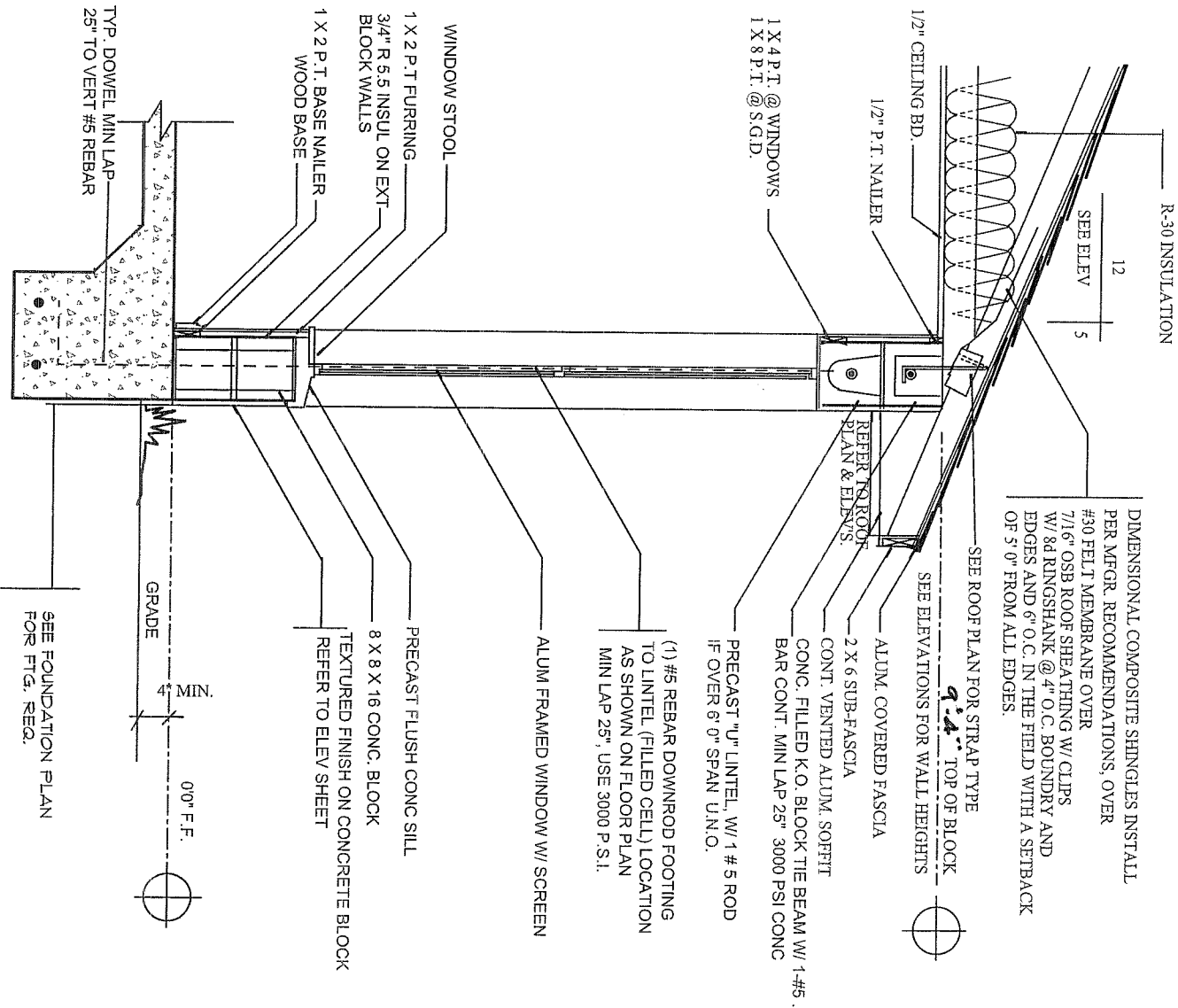
PLAN DATE
11-18-10

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



3-24-09

SIMPSON	FLORIDA PRODUCT NUMBERS PER INDEX 3-27-09
METAB	11473, 17
H3	10456, 13
H10	10456, 6
H10T	11470, 7
LS7424	10456, 4
SP1	10456, 1
SP2	10456, 42
VTCA	10456, 5
LGT2	11470, 6
ECCO34SDS2.5	10456, 10
HTS20	10456, 23
HTT16	11496, 1



A TYPICAL WALL SECTION

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

PINEHURST 1725

A.E.C.S. # 10061-6

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TARPON SPRINGS, FL.

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NEW PORT RICHEY, FL. 34655

10

CONSTRUCTION DETAILS