

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

1. 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

1. 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.

1. 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

1. 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. # 11016

PINEHURST 1725



DEEB FAMILY
HOMES, LTD.

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

PLAN DATE

02-10-11

BAILEY RESIDENCE
1526 RIVER COURT
TARPON SPRINGS, FL.

Lot 10

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 AND W/ 10 FOR STRUCTURE ONLY.
SIGNED: *Richard E. Allen* 5/14/11
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

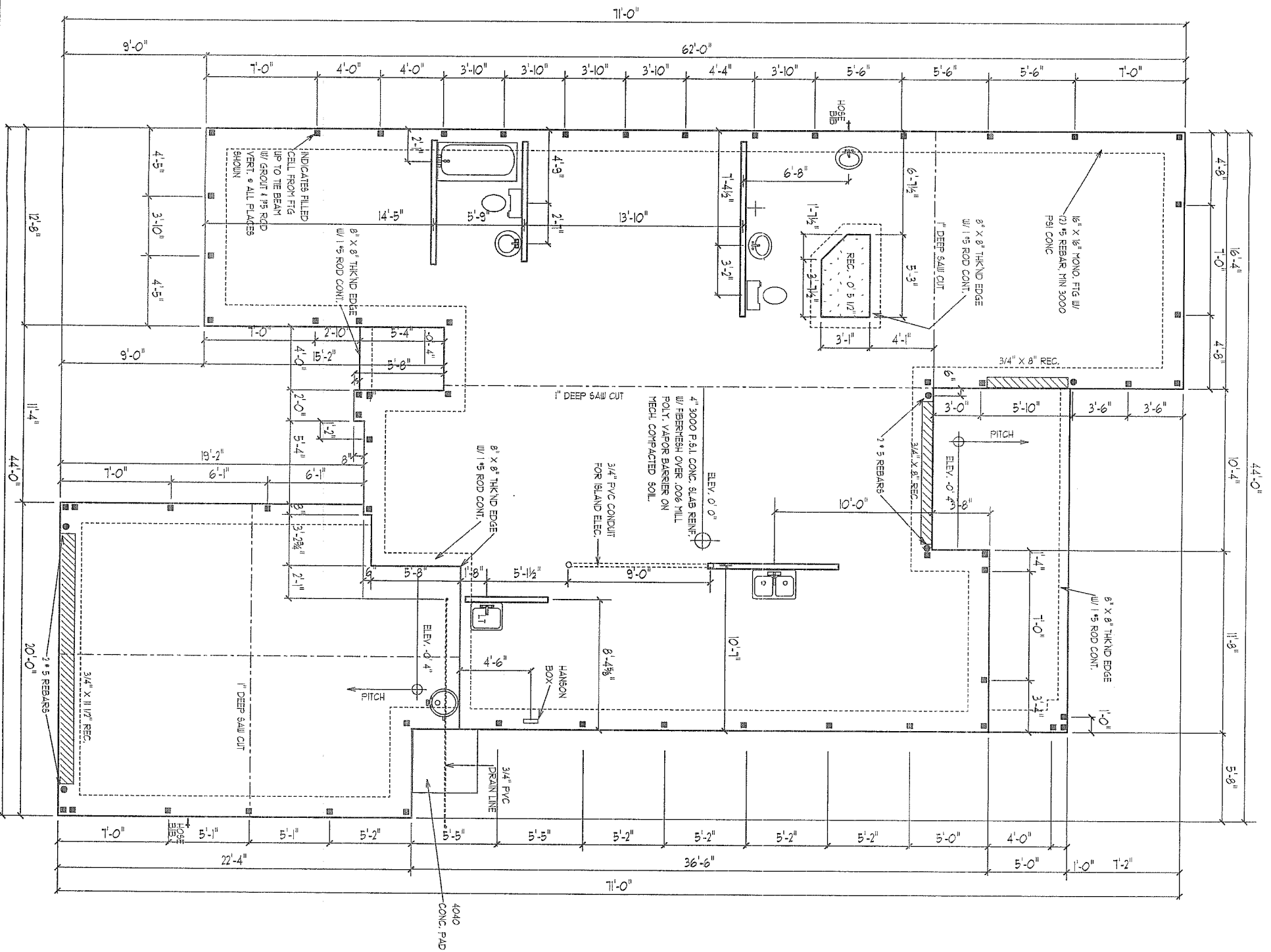
- 1) THE FOUNDATION SYSTEM FOR THIS PLAN IS DESIGNED FOR A MINIMUM ALLOWABLE SOIL BEARING PRESSURE OF 2000 P.S.F. WITH NO SOIL REPORT OR INFORMATION PROVIDED.
- 2) FOOTINGS TO BEAR MIN. 12" BELOW GRADE.
- 3) FOOTINGS TO BEAR ON UNDISTURBED SOIL OR FILL COMPACTED TO 95% MOD. PROCTOR BETWEEN LESS THAN 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/ FIBERFISH.
DRIVEWAY IN RIGHT OF WAY TO BE 6" 3000 PSI CONCRETE WITH FIBERFISH 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. # 11016

PINEHURST 1725

DEEB FAMILY
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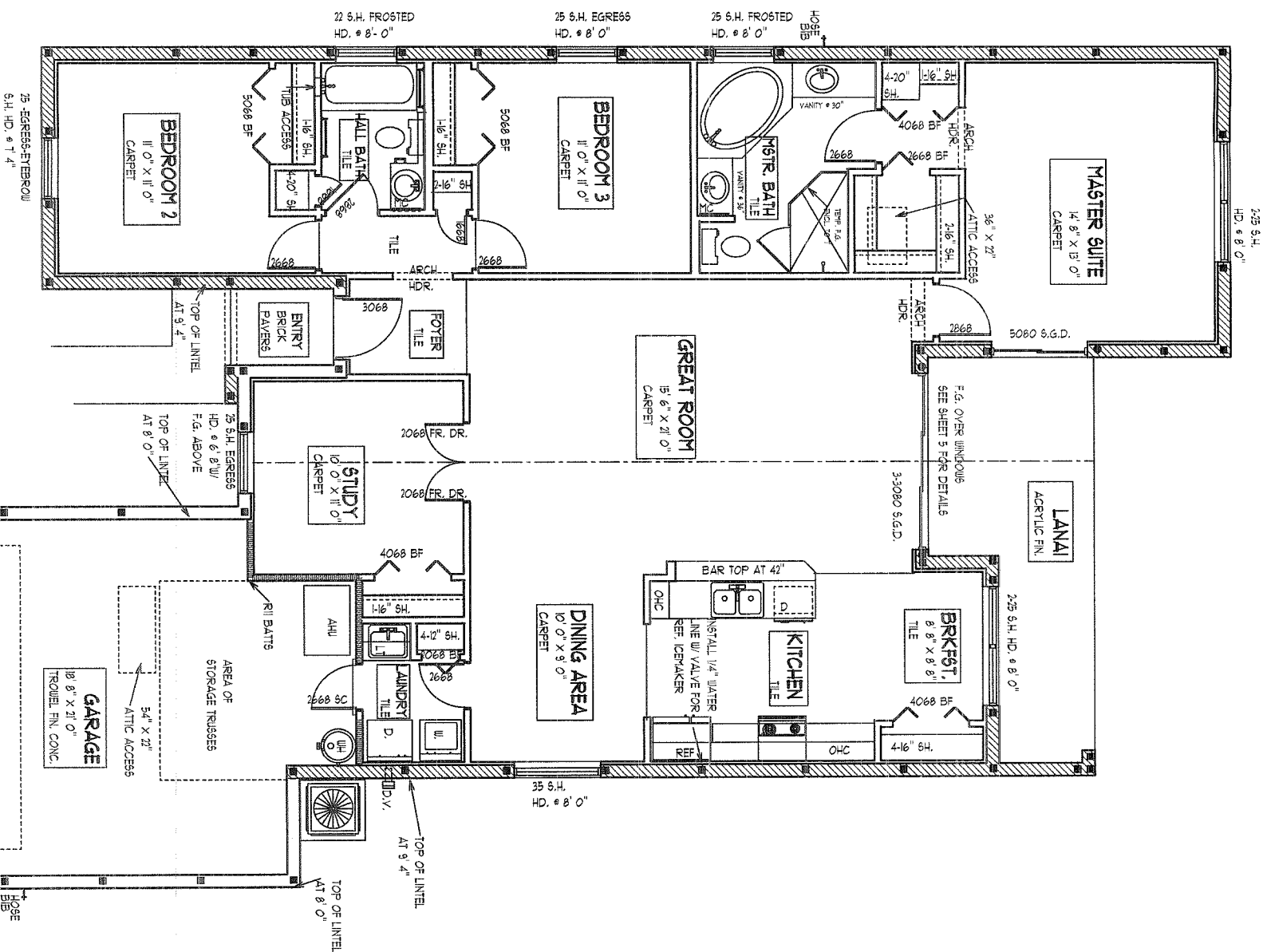
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SIGNED: *Richard E. Allen*
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SQUARE FOOTAGES

LIVING AREA - 775 S.F.
GARAGE - 470 S.F.
LANAI - 148 S.F.
ENTRY - 23 S.F.
TOTAL - 2366 S.F.

FLOOR PLAN NOTES

SCALE 1/8" = 1' 0"

A.E.C.S. # 11016

PINEHURST 1725

2

DEEB FAMILY
HOMES, LTD.

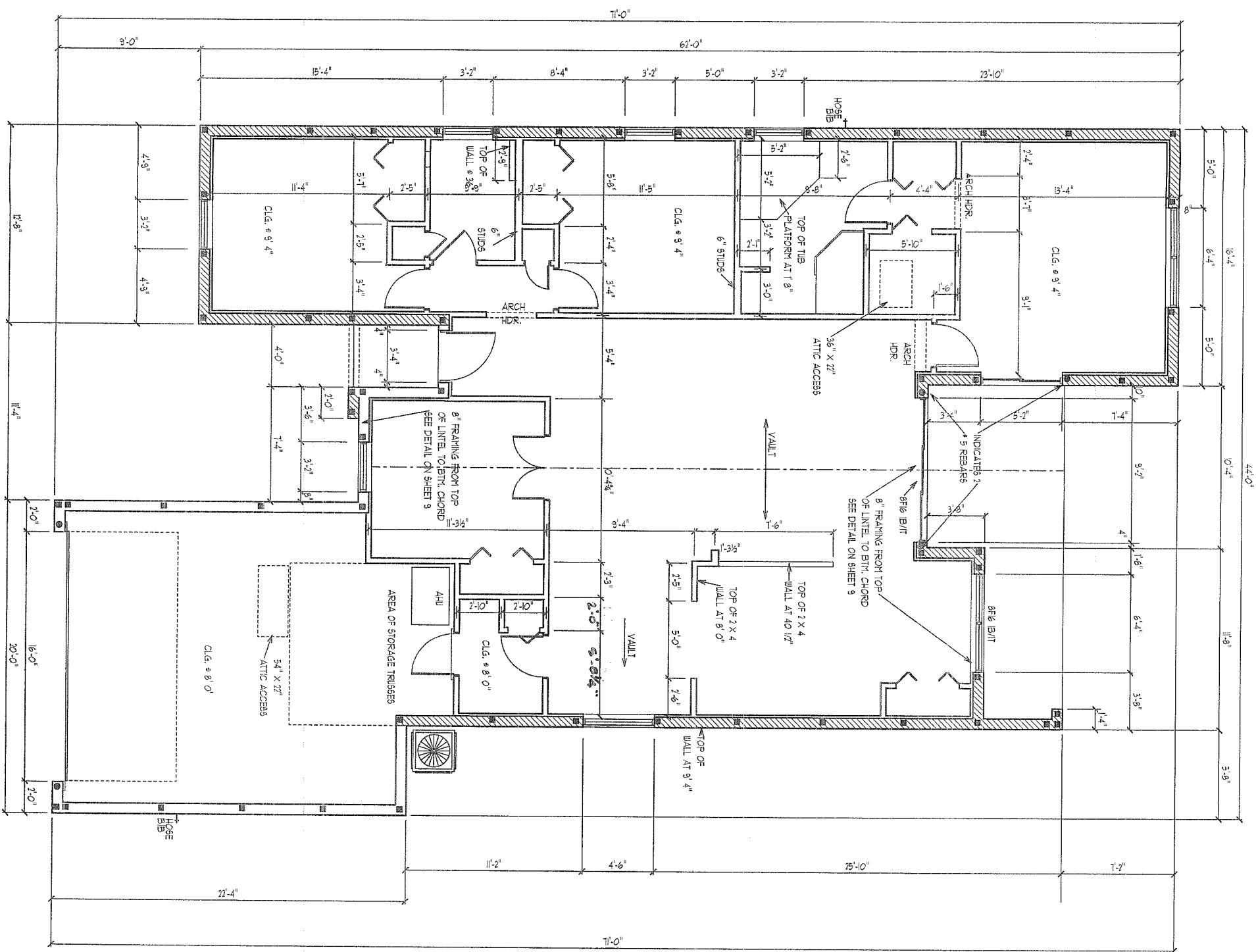
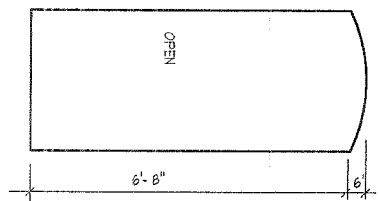
9400 RIVER CROSSING BLD.
NEW PORT RICHEY, FL. 34655

PLAN DATE

02-10-11

BAILEY RESIDENCE
1526 RIVER COURT
TARPON SPRINGS, FL.

TYPICAL
ARCH HEADER



DIMENSION PLAN

SCALE 1/8" = 1' 0"

A.E.C.S. # 11016

PINEHURST 1725



**DEEB FAMILY
HOMES, LTD.**

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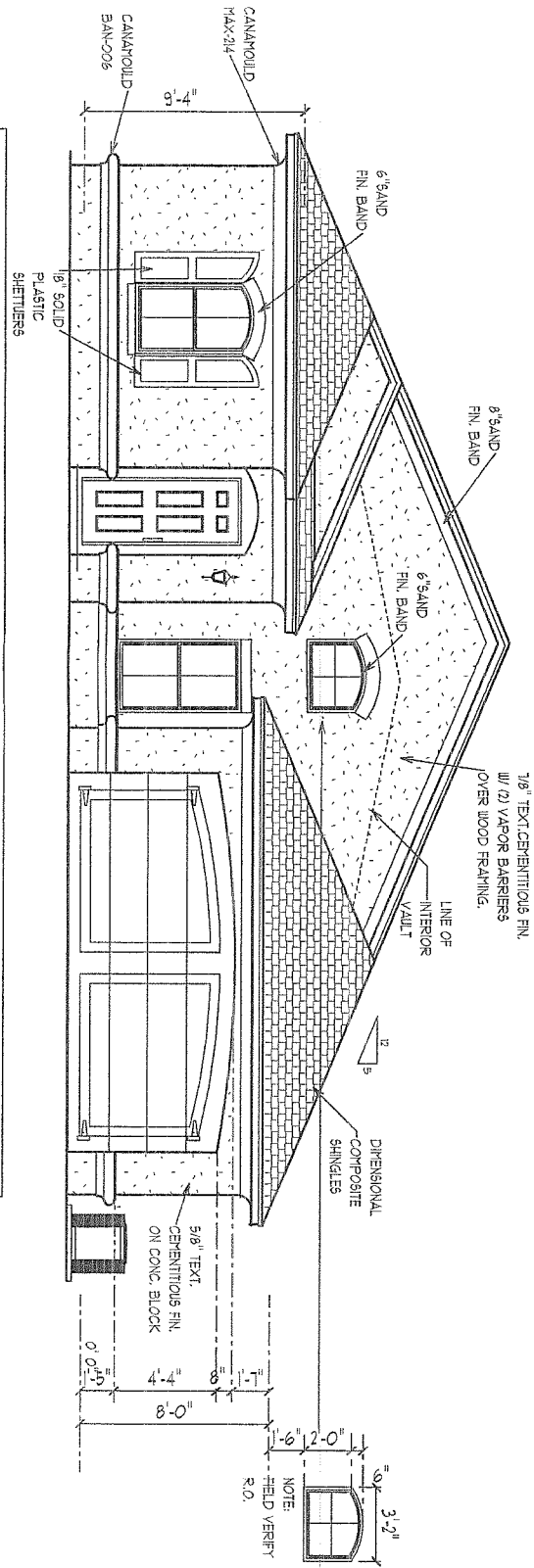
**BAILEY RESIDENCE
1526 RIVER COURT
TARPON SPRINGS, FL.**

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LOADS AND IT IS IN COMPLIANCE WITH
SECT. 301 OF THE 2007 FLORIDA
RESIDENTIAL BUILDING CODE W/ 2009
SUPPLEMENT. SEE PLAN FOR STRUCTURE
ONLY
SIGNATURE: *Rich Allen* 5/19/14
RICHARD E. ALLEN P.E. #56920

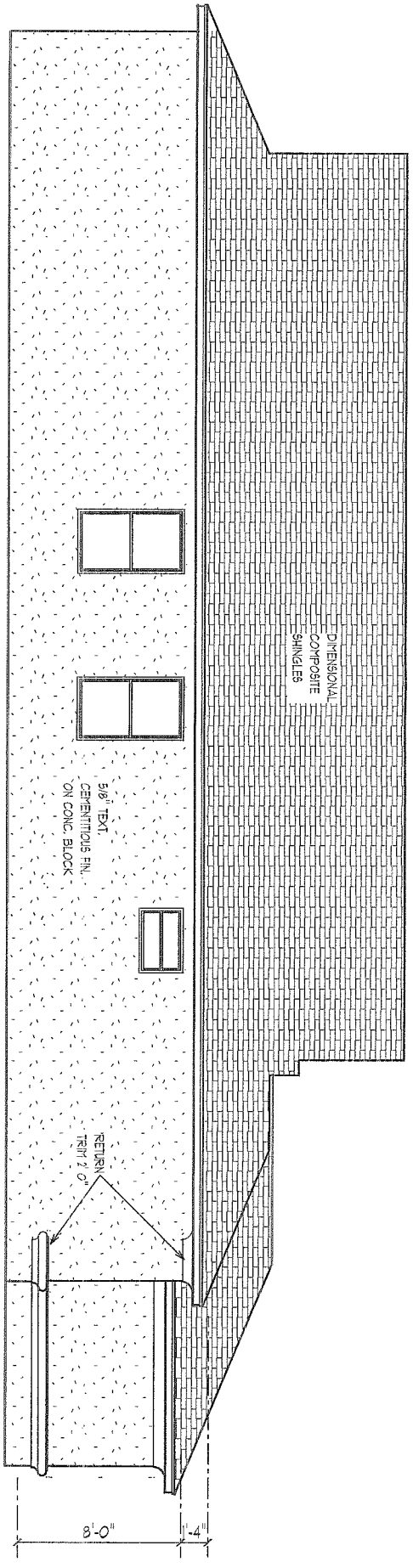
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FRONT ELEVATION



LEFT SIDE ELEVATION



EXTERIOR ELEVATIONS - A

1/8" = 1' 0"

A.E.C.S. # 11016

PINEHURST 1725

4

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HOMES, LTD.
9400 RIVER CROSSING BLD.
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PLAN DATE

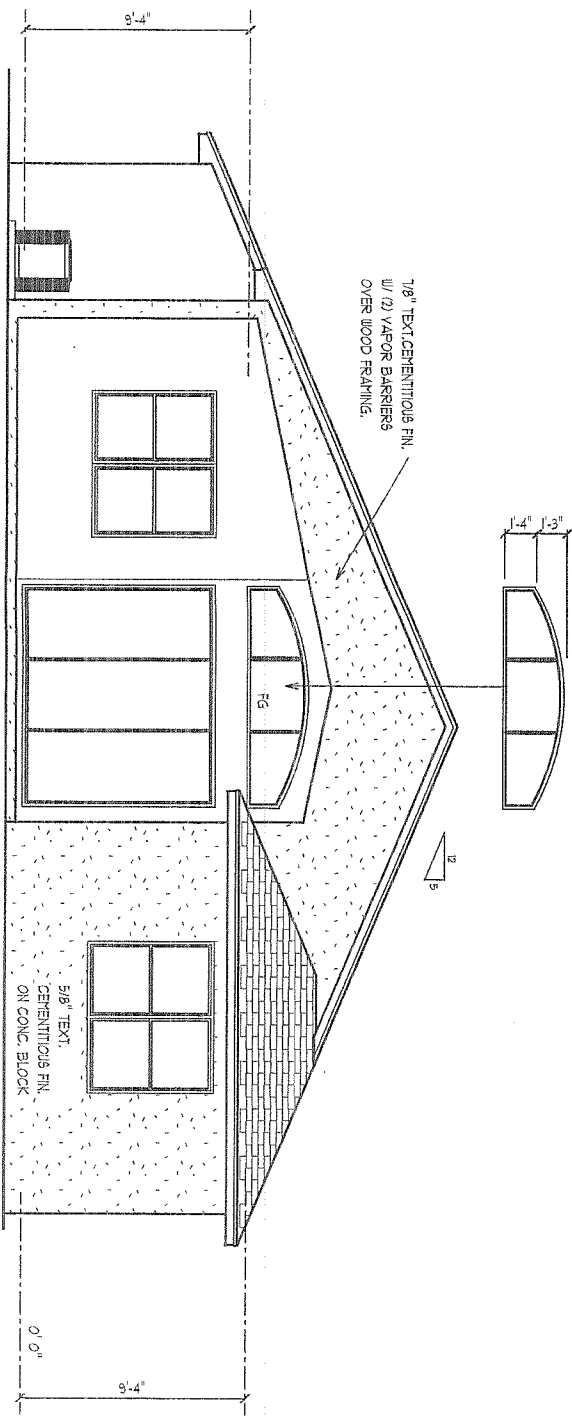
02-10-11

BAILEY RESIDENCE
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TARPON SPRINGS, FL.

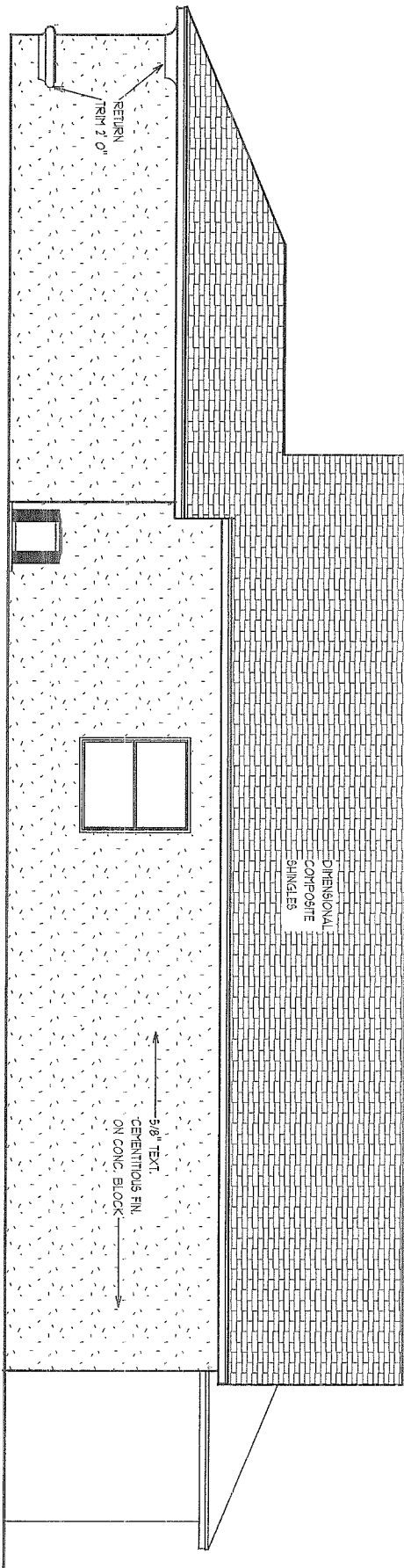
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RICHARD E. ALLEN P.E. #56920

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REAR ELEVATION



RIGHT SIDE ELEVATION



EXTERIOR ELEVATIONS -A

1/8" = 1' 0"

A.E.C.S. # 11016

PINEHURST 1725

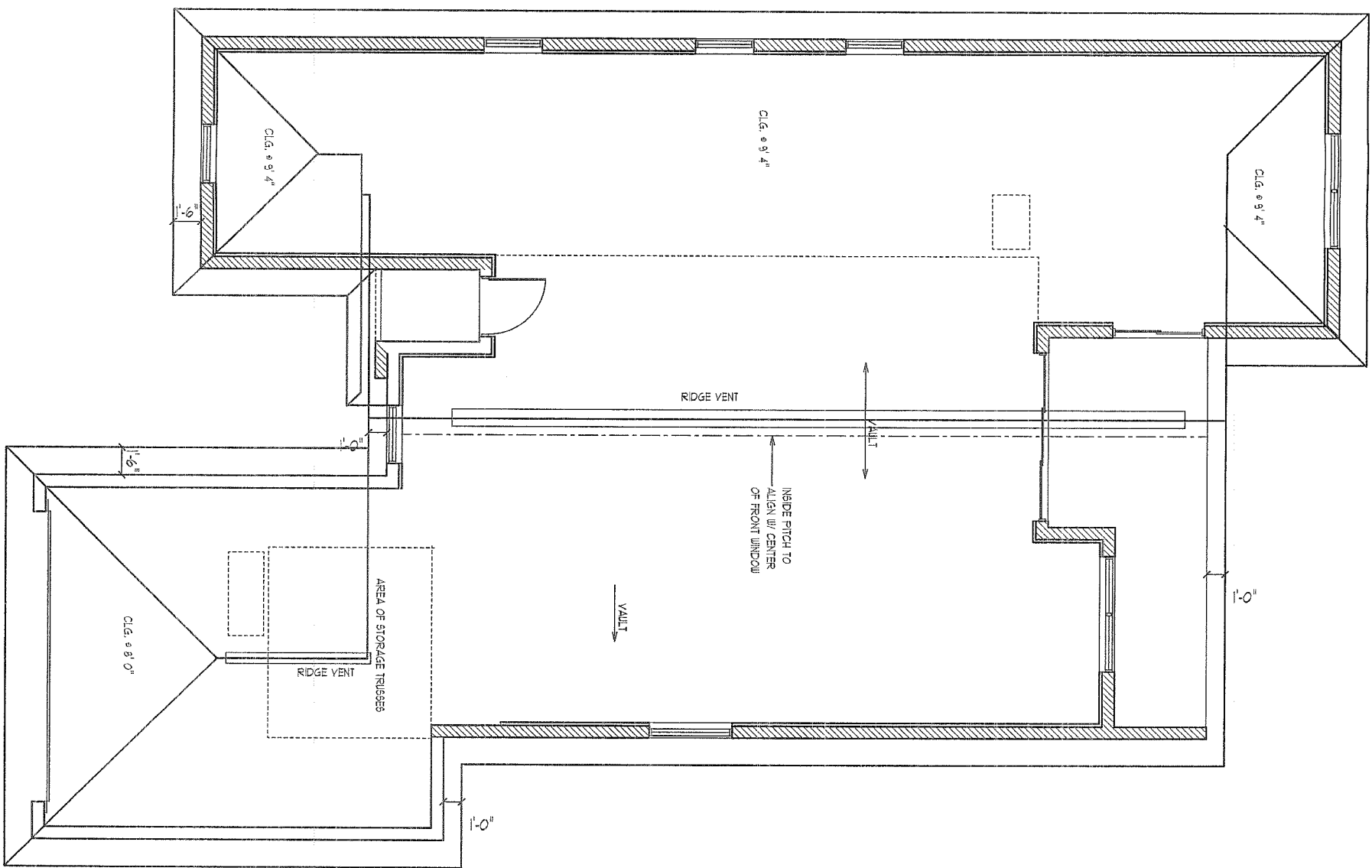


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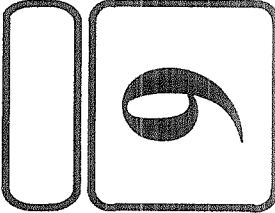


ROOF PLAN -A

SCALE 1/8" = 1' 0"

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PINEHURST 1725



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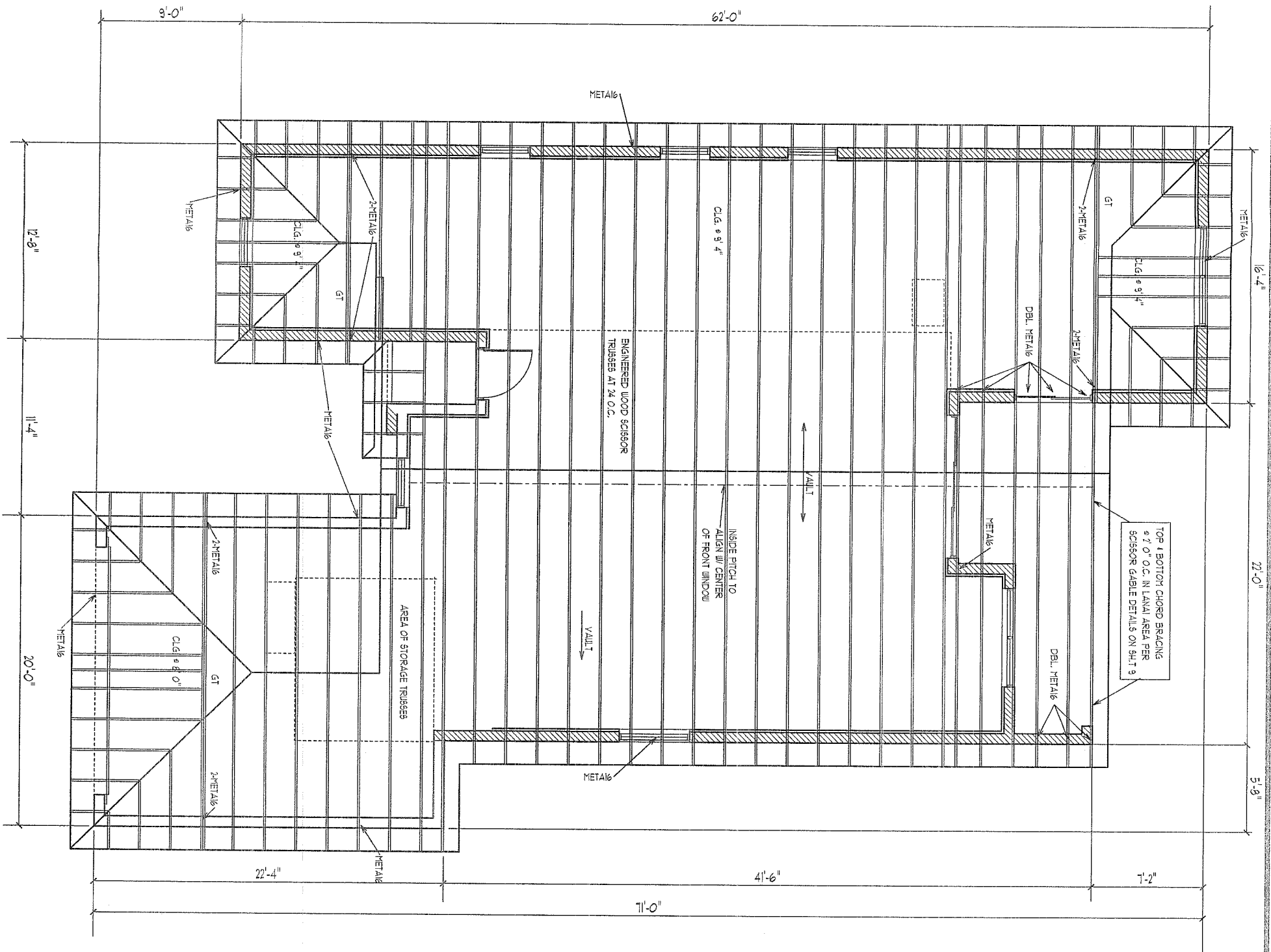
IMPORTANT NOTE:

THIS FRAMING PLAN IS DIAGRAMMATIC IN NATURE AND IS PROVIDED FOR ILLUSTRATION PURPOSES ONLY. TRUSS MANUFACTURER TO PROVIDE SEPERATE 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 30 % OF 1/150 th
ATTIC AREA AT RIDGE,
REMAINDER AT SOFFIT



TRUSS PLAN - A

SCALE 1/8" = 1' 0"

A.E.C.S. # 11016

PINEHURST 1725

6A

**DEEB FAMILY
HOMES, LTD.**

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SUPPLEMENT. SIGNED FOR STRUCTURE
ONLY
SIGNATURE: *[Signature]* 5/14/14
RICHARD E. ALLEN P.E. #56920

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RICH ALLEN PROFESSIONAL ENGINEER
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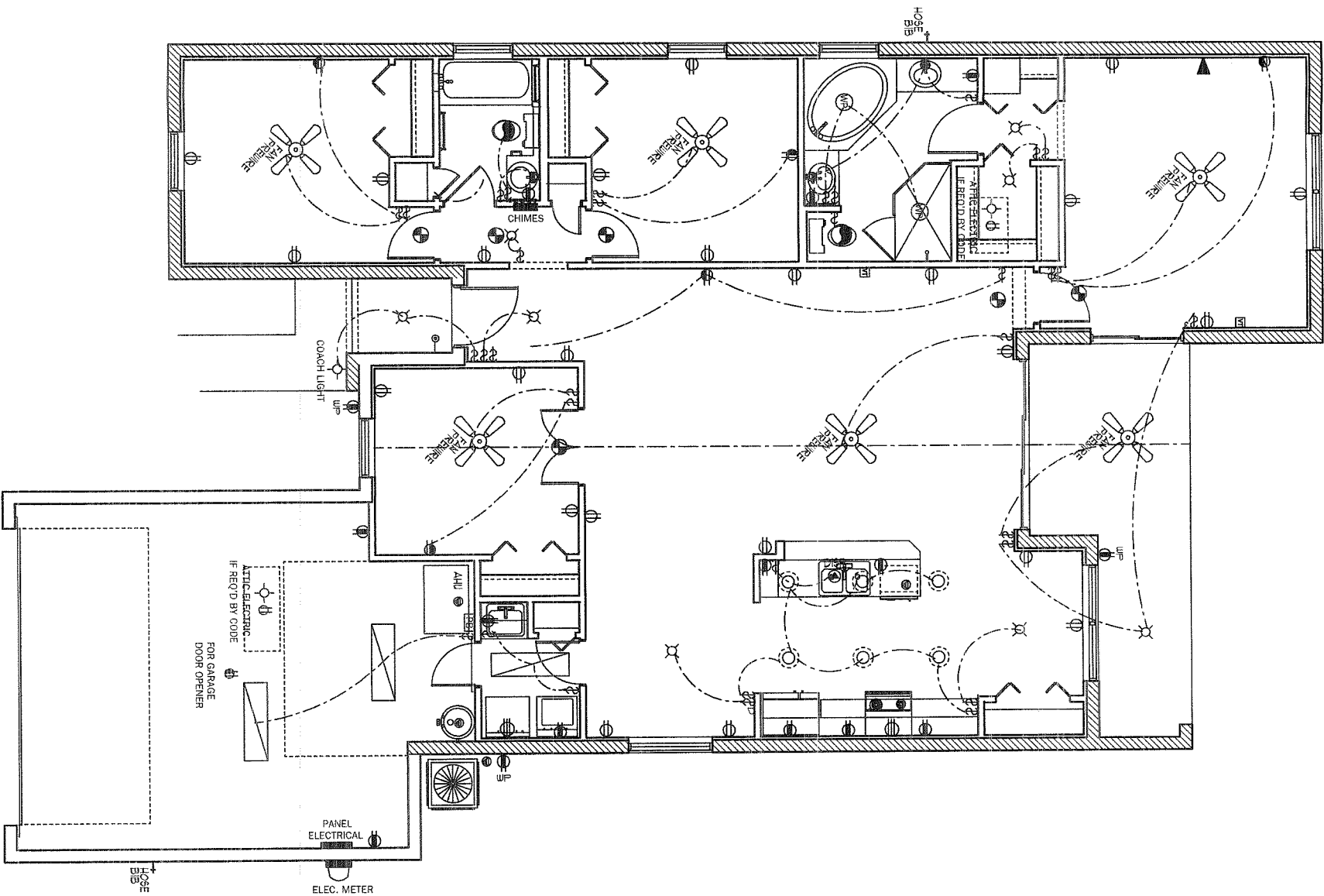
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UNLESS OTHERWISE NOTED
1. ELECTRICAL OUTLET HEIGHTS MEASURED FROM FINISHED FLOOR TO CENTERLINE OF THE BOX TO BE 17" A.F.F. (GENERAL)

KITCHEN 47" HORIZONTAL
BATHROOM 47" HORIZONTAL
LAUNDRY 36" WASHER/ 24" DRYER/ WALL OUTLETS 45"
EXTERIOR WATERPROOF 5 1/2"
GARAGE 50" 45"
RANGE 200" 45"

2. ALL TRIM PLATES AND DEVICES TO GANGED WHERE POSSIBLE
3. ELECTRICAL SWITCHES TO BE AT 47" CENTERLINE A.F.F.
4. ELECTRICAL PLAN IS INTENDED FOR BID PURPOSES ONLY. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, LATEST EDITION BY A LICENSED ELECTRICAL CONTRACTOR WHO SHALL BE RESPONSIBLE FOR THE INSTALLATION & SIZING OF ALL ELECTRICAL WIRING & ACCESSORIES.
5. SMOKE DETECTORS SHALL BE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, SECTION 9012
6. PROVIDE AFCI (ARC FAULT INTERRUPTERS) IN ALL BEDROOMS PER NEC, SECTION 210.2
1. ALL RECEPTALS TO BE TAMPER PROOF PER SECT. 406.11

- ELECTRICAL LEGEND
- \$ SINGLE POLE SWITCH
 - \$2 DOUBLE POLE SWITCH
 - \$3 THREE-WAY SWITCH
 - \$4 FOUR-WAY SWITCH
 - \$DM DIMMER SWITCH
 - CEILING FIXTURE
 - SCOUNCE (WALL MOUNTED) FIXTURE
 - 110 VOLT DUPLEX OUTLET
 - 110 VOLT SPLIT SWITCHED OUTLET
 - GROUND FAULT INTERRUPT
 - W/P WATER PROOF W/ GROUND FAULT
 - 220 VOLT OUTLET
 - SPECIAL SERVICES OUTLET
 - T.V. CABLE OUTLET
 - TELEPHONE CABLE OUTLET
 - RECESSED LIGHTING
 - WATER PROOF RECESSED LIGHTING
 - BATH FAN
 - BATH FAN W/ LIGHT
 - SMOKE DETECTOR CARBON MONOXIDE DETECTOR
 - FLOOD LIGHT
 - FLUORESCENT LIGHTING
 - TRACK LIGHTING
 - CEILING FAN
 - DOOR BELL CHIMES
 - DOOR BELL
 - DISP DISPOSAL
 - DISCONNECT SWITCH
 - PREWIRE SPEAKER
 - JUNCTION BOX
 - THERMOSTAT
 - LOW VOLTAGE LIGHTING
 - INTERROOM SYSTEM
 - GARAGE DOOR PUSH BUTTON



ELECTRICAL PLAN

SCALE 1/8" = 1' 0"

A.E.C.S. # 11016

PINEHURST 1725

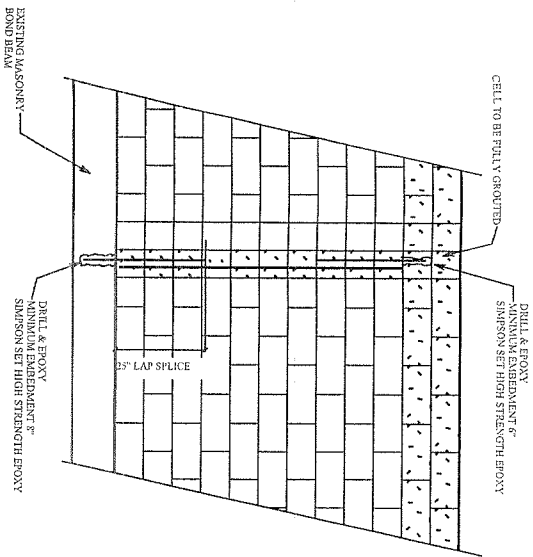
7

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

PLAN DATE

02-10-11

BAILEY RESIDENCE
1526 RIVER COURT
TARPON SPRINGS, FL.

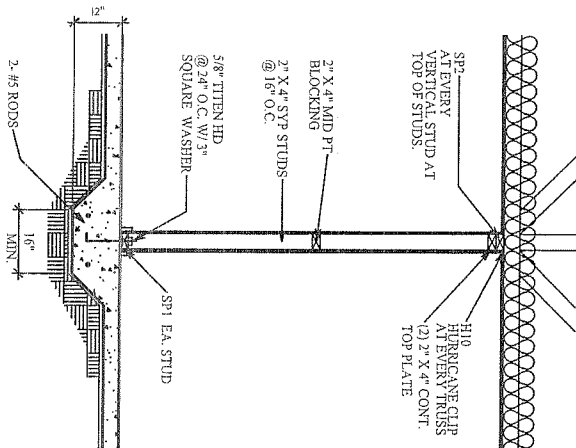


TYP. RETROFIT VERT. DOWEL CONDITION

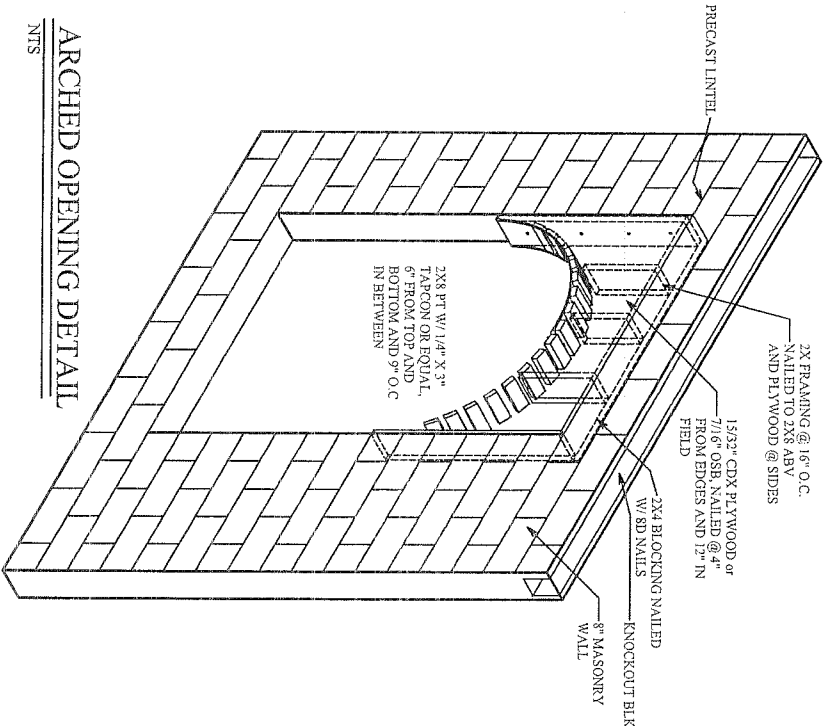
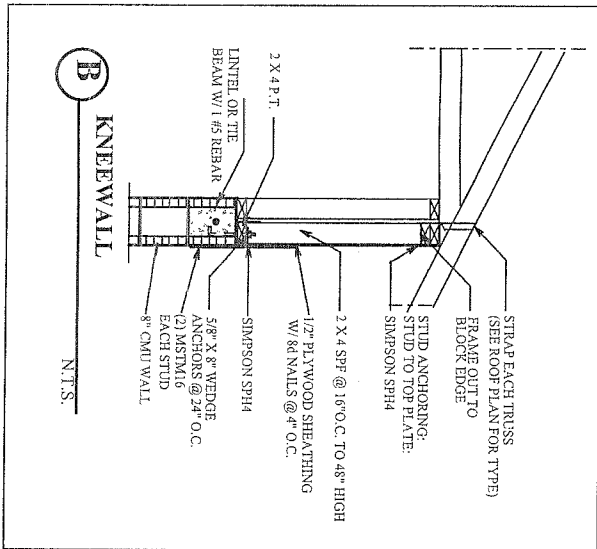
NOTE:
MISSING DOWELS: WHERE FOOTING DOWELS ARE PLACED INCORRECTLY OR MISTAKENLY ELIMINATED, REPLACE DOWEL AT PROPER LOCATION W/ GRADE 40 #5 BAR. INST. ALL IN SLAB W/ 8" MINIMUM EMBEDMENT. USE EPOXY GROUT.

MISSING ANCHOR BOLTS AT BEARING WALL:

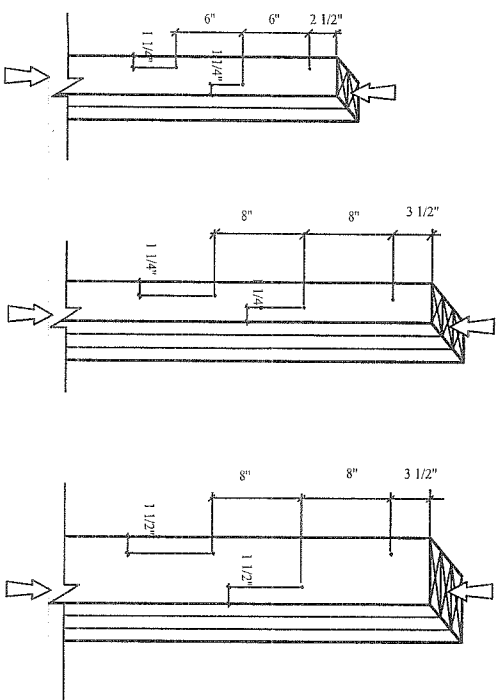
- EXTERIOR BEARING WALL:
IN ADDITION TO THE GENERAL PLACEMENT REQUIREMENTS:
1) 5/8" DIAMETER x 6" EMBEDMENT SIMPSON TITEN HD ANCHORS SPACED A MAXIMUM OF 24" O.C.
INTERIOR BEARING WALL:
IN ADDITION TO THE GENERAL PLACEMENT REQUIREMENTS:
1) 5/8" DIAMETER x 6" EMBEDMENT SIMPSON TITEN HD ANCHORS SPACED A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



BEARING PARTITION



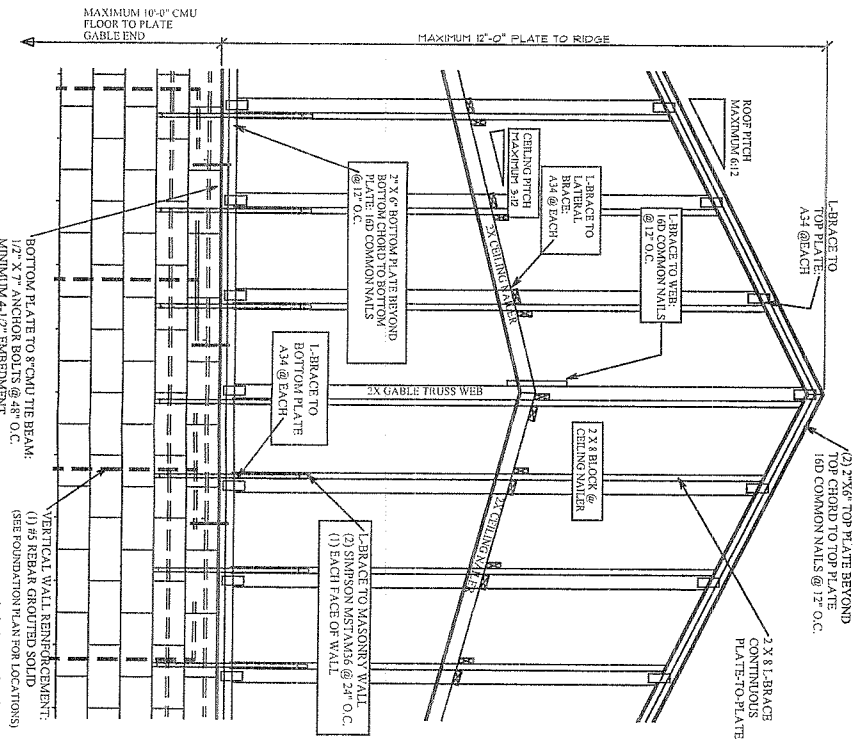
ARCHED OPENING DETAIL



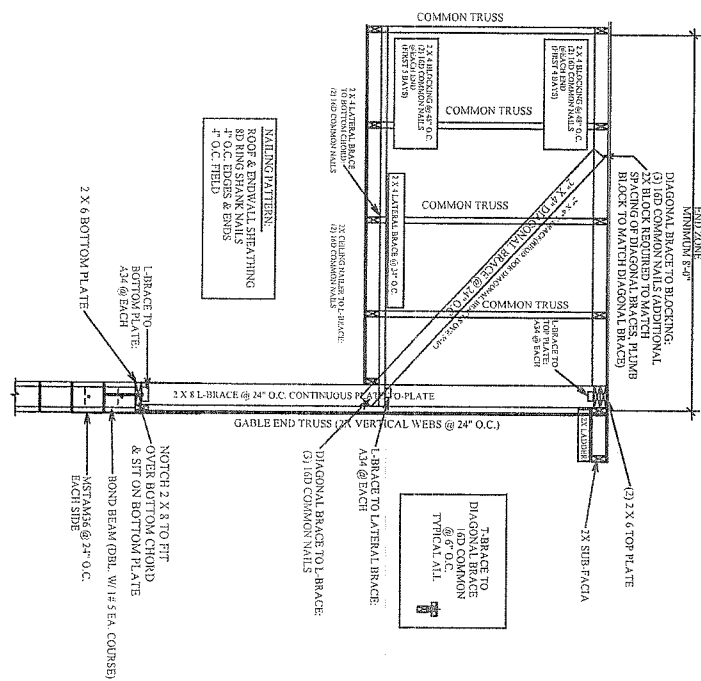
(2) 2"x4" LAMINATIONS
W/ (1) ROW OF STAGGERED
16d COMMON WIRE NAILS
(D=0.207, L=3") OR EQUAL

- 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 LAST LAMINATION
3) EACH 30d COMMON NAIL MAY BE REPLACED W/ (2)
16d COMMON NAILS (ONE INTO EACH OUTSIDE FACE
OF B.U.C. SAME NUMBER OF ROWS, SAME SPACING)
4) FOR 4-PLY, PROVIDE 1/4" DIA. X 3 1/2" LAG SCREWS OR EQUAL
(SPACE AS SHOWN FOR 3-PLY)
5) FOR 2-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



CABLE END WALL W/ SCISSOR TRUSSES



CABLE END WALL W/ SCISSOR TRUSSES

CONSTRUCTION DETAILS

DEEB FAMILY
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A.E.C.S. # 11016

PINEHURST 1725

ALLEN ENGINEERING &
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RICH ALLEN PROFESSIONAL ENGINEER
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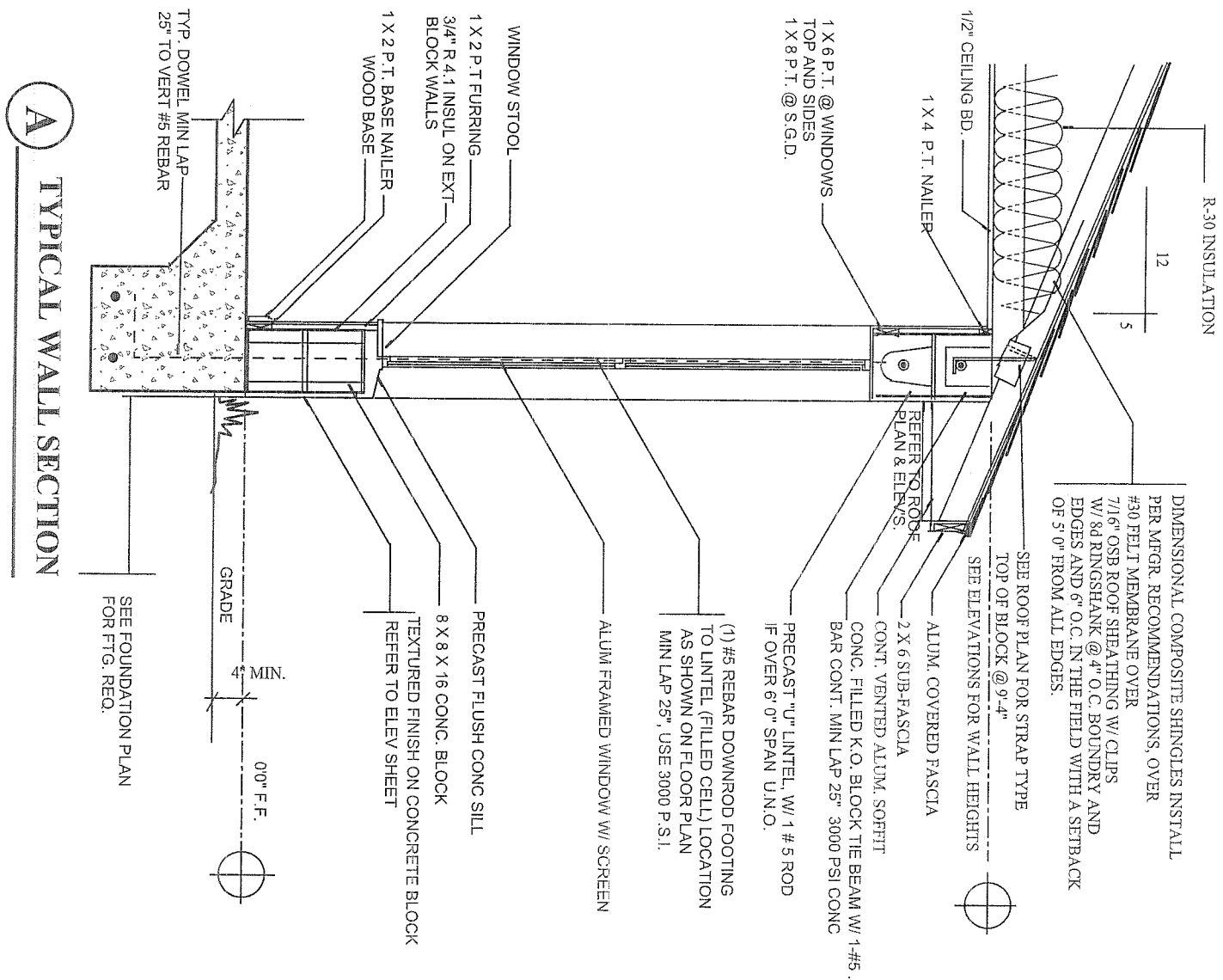
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rich@allenengineering.com

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RESIDENTIAL BUILDING CODE W/ 2009
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ONLY
SIGNED: *Allen*
RICHARD W. ALLEN P.E. #56920

3-24-09



CONNECTOR TABLE	
SIMPSON	FLORIDA PRODUCT NUMBERS PER INDEX 3-27-09
MEFA/6	14473, 17
H3	10456, 13
H10	10456, 6
MGT	10452, 1
LST/A24	10452, 1
SP1	10456, 41
SP2	10456, 42
VT/C4	10461, 5
LG74	11470, 6
ECCO/4, ASD/2.5	10460, 10
HT/S20	10456, 23
HTT/6	11496, 1



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