

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 CRACKETS) 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.

IT 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

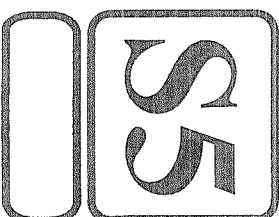
WIND LOADING AND DESIGN PRESSURES:

1. FLORIDA RESIDENTIAL BUILDING CODE 2007 EDITION WITH 2009 SUPPLEMENT, ASCE 7-05
2. BASIC DESIGN WIND SPEED: 119 MPH
3. WIND IMPORTANCE FACTOR: 1.0
4. BUILDING CATEGORY: II
5. WIND EXPOSURE: B=1.0
6. INTERNAL PRESSURE COEFFICIENT: +/- .18 ENCLOSED
7. NON WIND BORNE DEBRIS ZONE -NO SHUTTERS REQUIRED
8. COMPONENTS AND CLADDING PRESSURES (PSF):

- A. ROOF - ALL ZONE 3, 10 SOFT: +17.5, -58.7 PSF
- B. WALLS - ALL ZONE 5, 10 SOFT: +30.4, -40.7 PSF
- C. OVERHANGS - ALL ZONE 3, 10 SOFT: -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



DEEB FAMILY HOMES, LTD.

9400 RIVER CROSSING BLD.  
NEW PORT RICHEY, FL. 34665

PLAN DATE

02-10-11  
02-22-11

BUKOWSKI / GODWIN  
RESIDENCE  
1538 RIVER COURT  
TARPON SPRINGS

A.E.C.S. # 11016

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. SEALED 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. 34665  
727-842-6100 Fax. 727-825-3973  
rich@allenengineeringservices.com

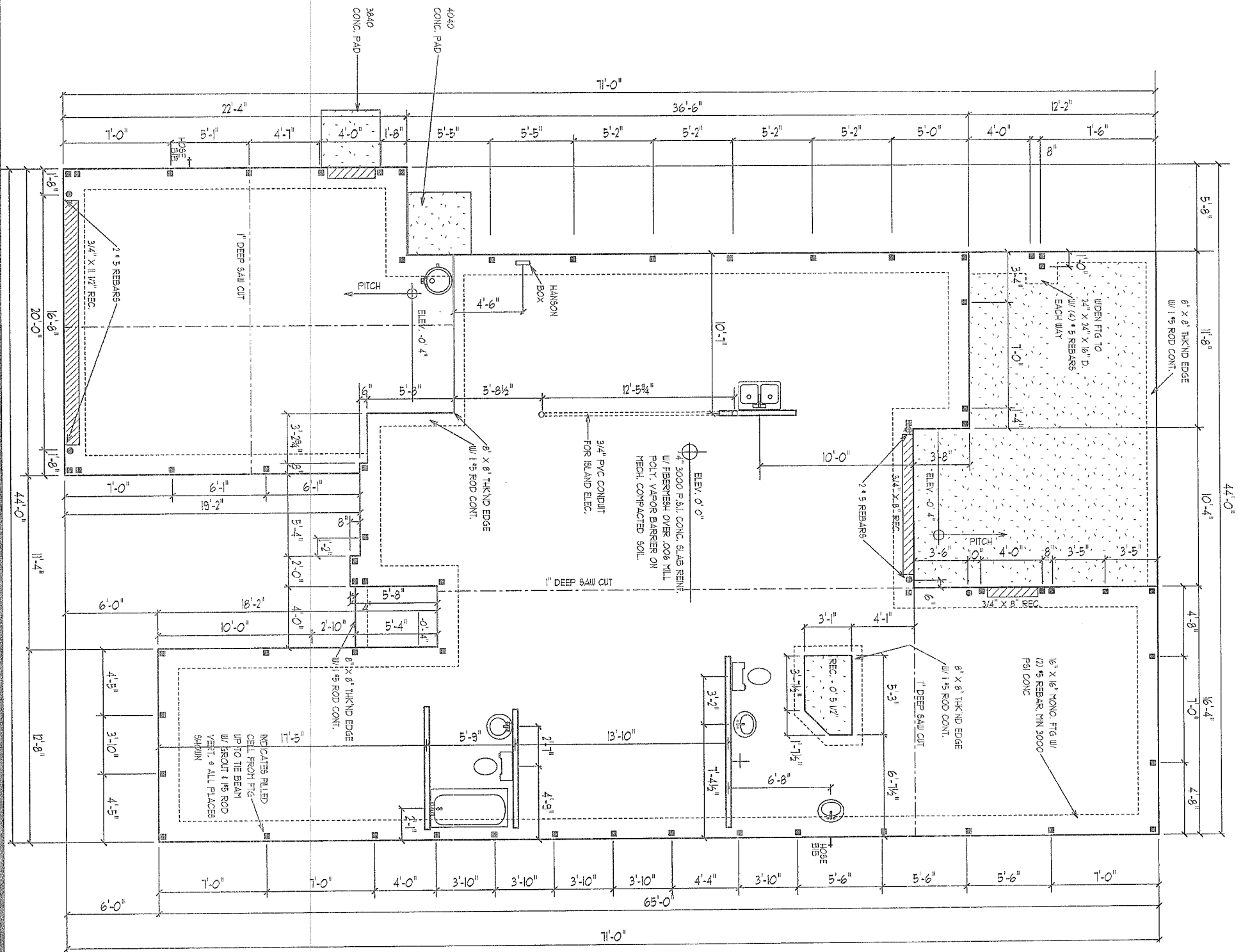
**NOTES**

- 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 CONFORM WITH FBC SECT. 911.2 (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

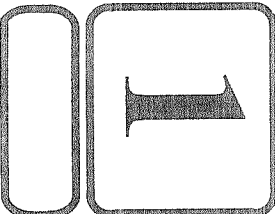


**FOUNDATION PLAN**

SCALE 1/8" = 1' 0"

A.E.C.S. # 11016

**PINEHURST 1725**



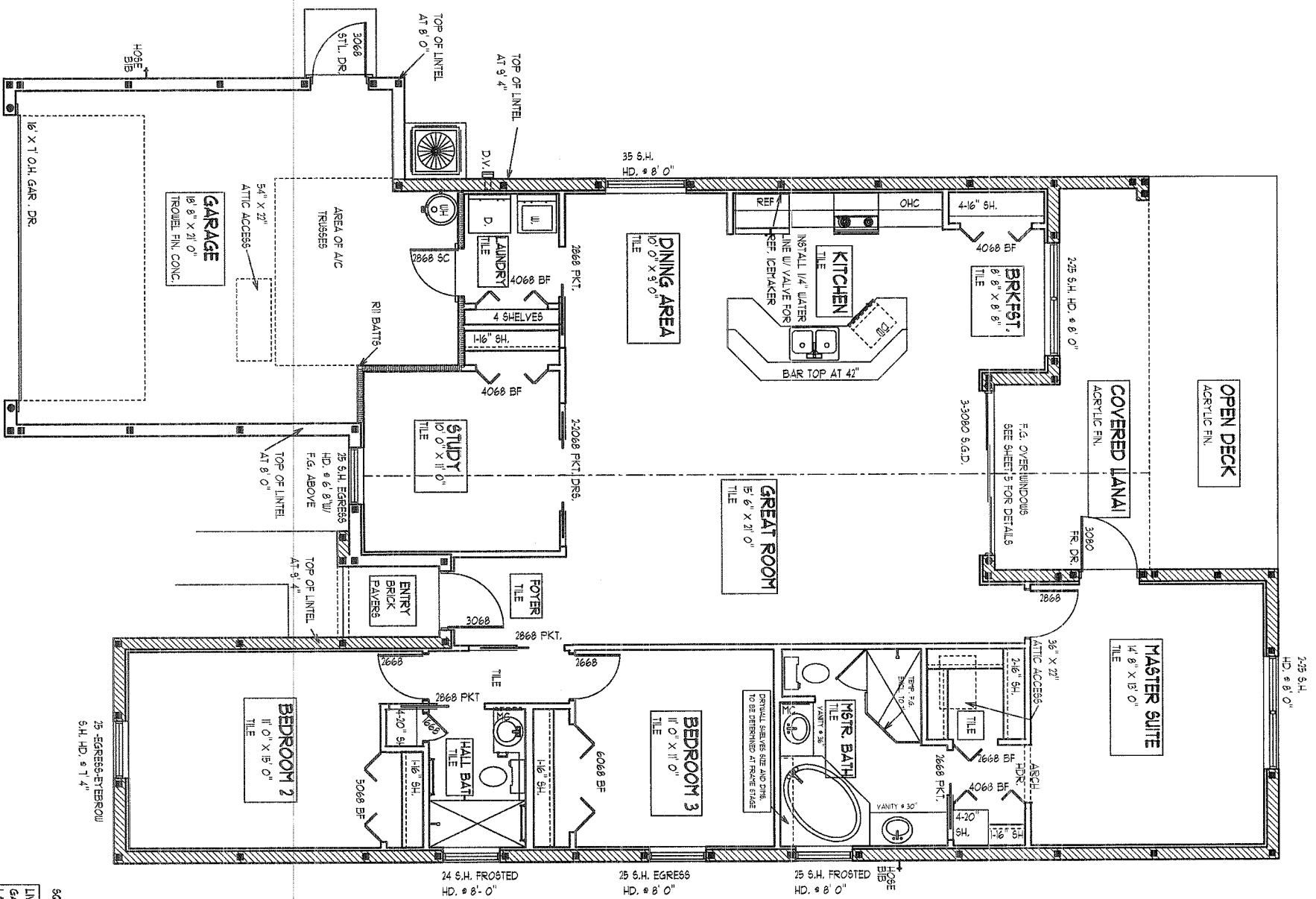
**DEEB FAMILY HOMES, LTD.**  
 9400 RIVER CROSSING BLD.  
 NEW PORT RICHEY, FL. 34655

PLAN DATE	02-10-11
	02-22-11

**BUKOWSKI / GODWIN RESIDENCE**  
 1538 RIVER COURT  
 TARPON SPRINGS

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 SIGNED: *[Signature]*  
 RICHARD E. ALLEN P.E. #156920

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SQUARE FOOTAGES

LIVING AREA - 1763 S.F.
GARAGE - 470 S.F.
LANAI - 148 S.F.
ENTRY - 23 S.F.
TOTAL - 2404 S.F.
DECK - 188 S.F.

**FLOOR PLAN NOTES**

SCALE 1/8" = 1' 0"

A.E.C.S. # 11016

**PINEHURST 1725**

**2**

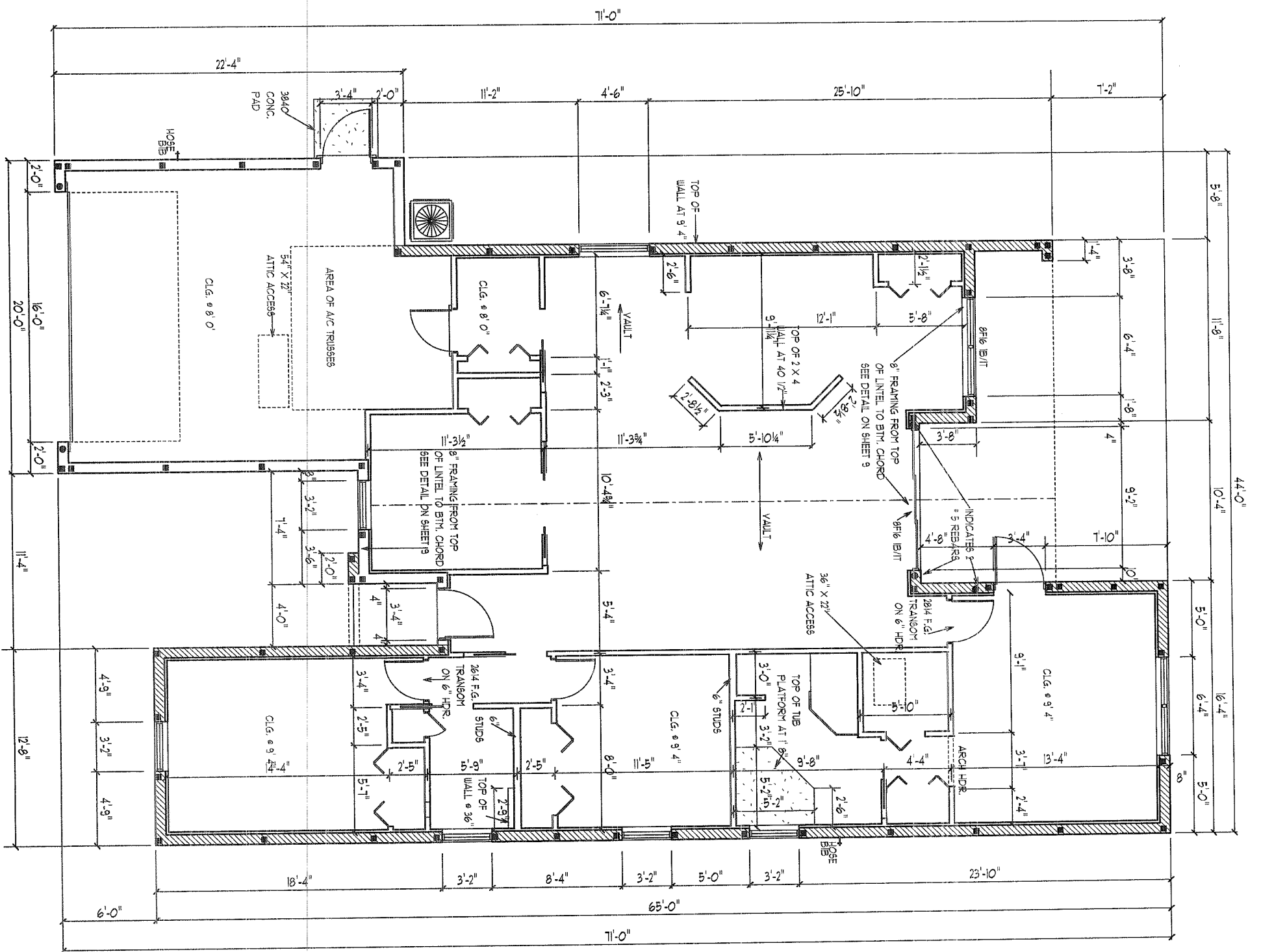
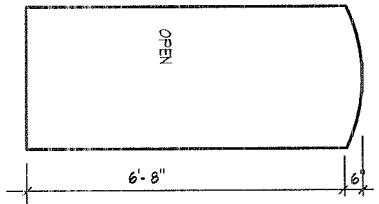
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TYPICAL  
ARCH HEADER



**DIMENSION PLAN**

SCALE 1/8" = 1' 0"

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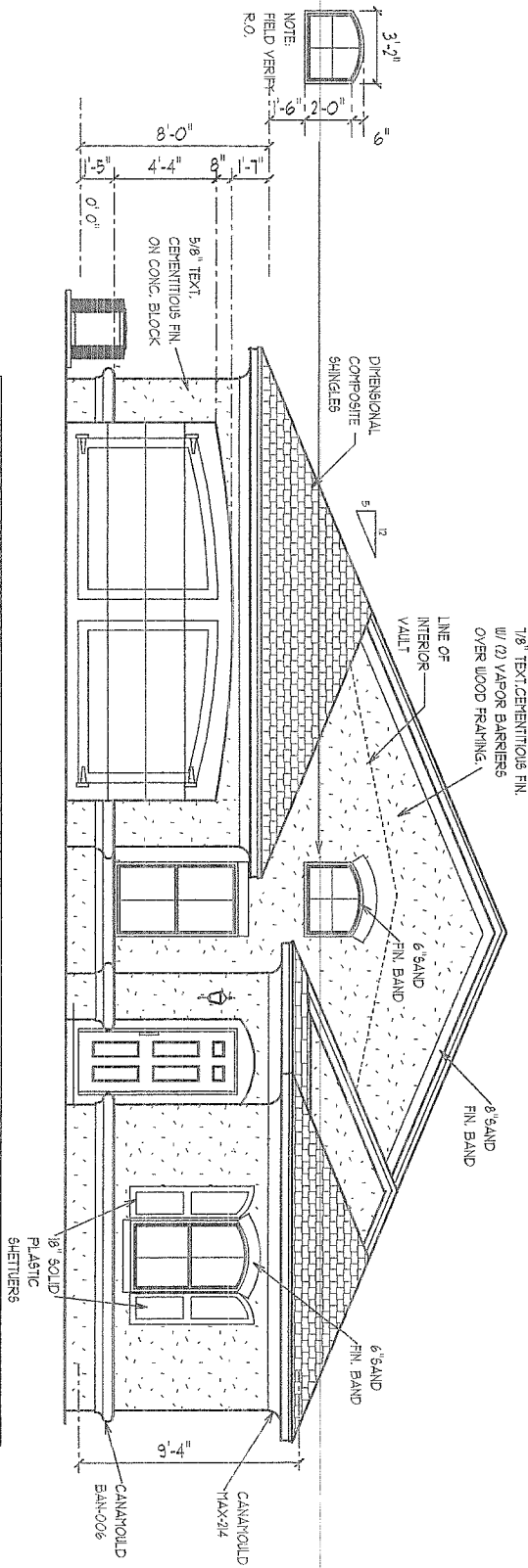
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1538 RIVER COURT  
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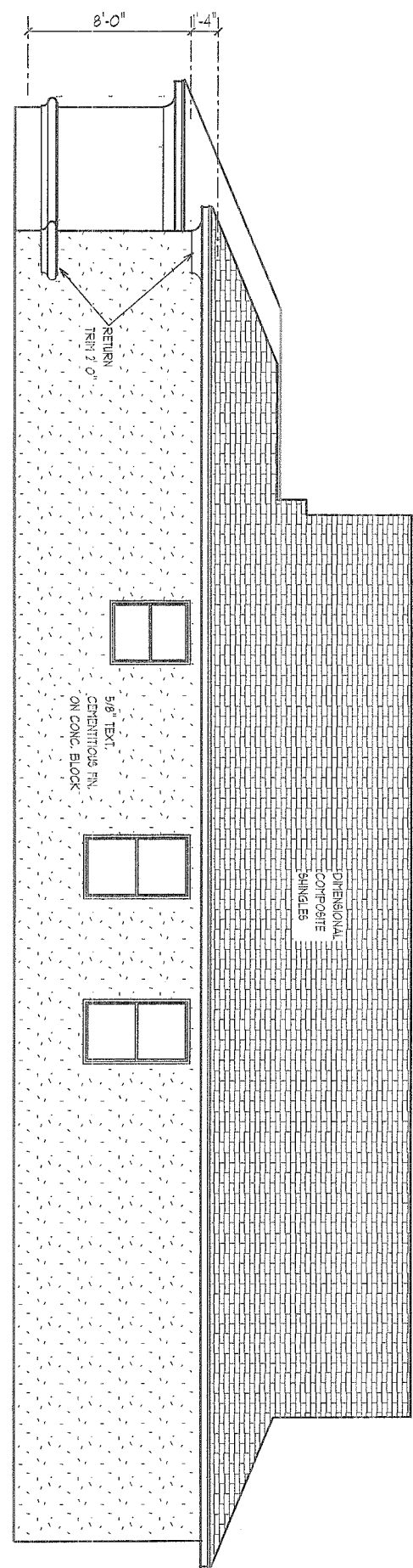
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SIGNATURE: *[Signature]*  
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**FRONT ELEVATION**



**RIGHT SIDE ELEVATION**



**EXTERIOR ELEVATIONS - A**

**1/8" = 1' 0"**

**A.E.C.S. # 11016**

**PINEHURST 1725**



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**PLAN DATE**

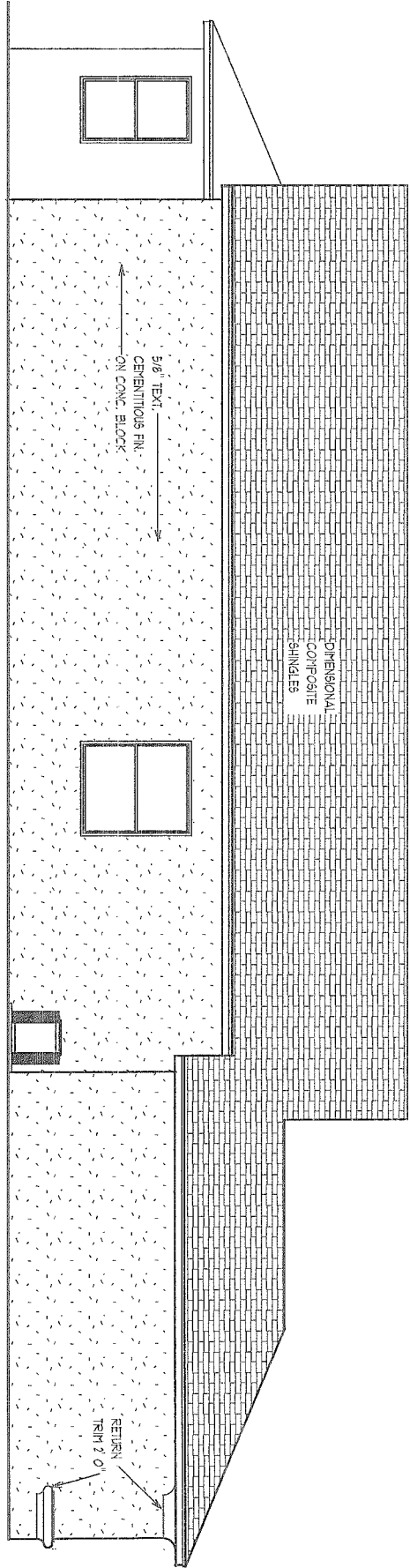
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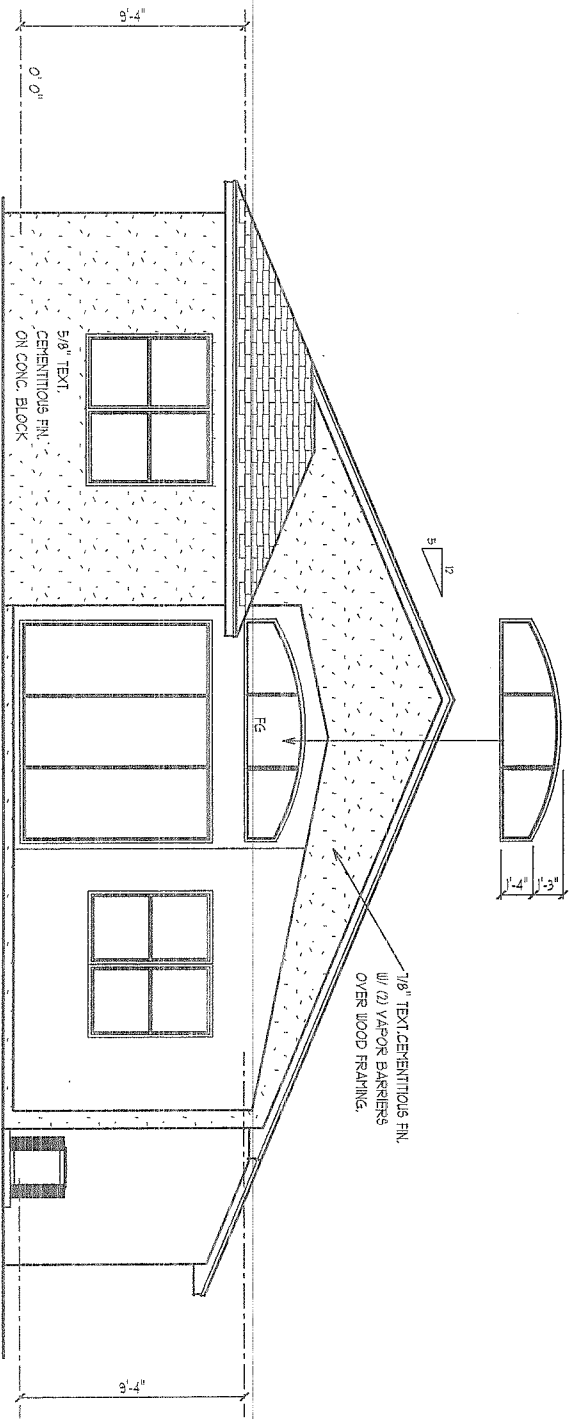
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SIGNED: *[Signature]*  
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LEFT SIDE ELEVATION



REAR ELEVATION

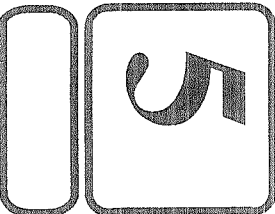


EXTERIOR ELEVATIONS -A

1/8" = 1' 0"

A.E.C.S. # 11016

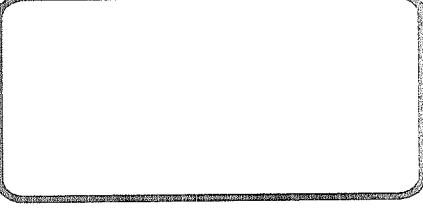
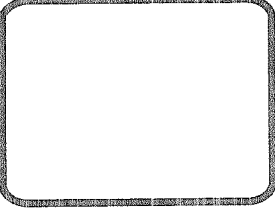
PINEHURST 1725

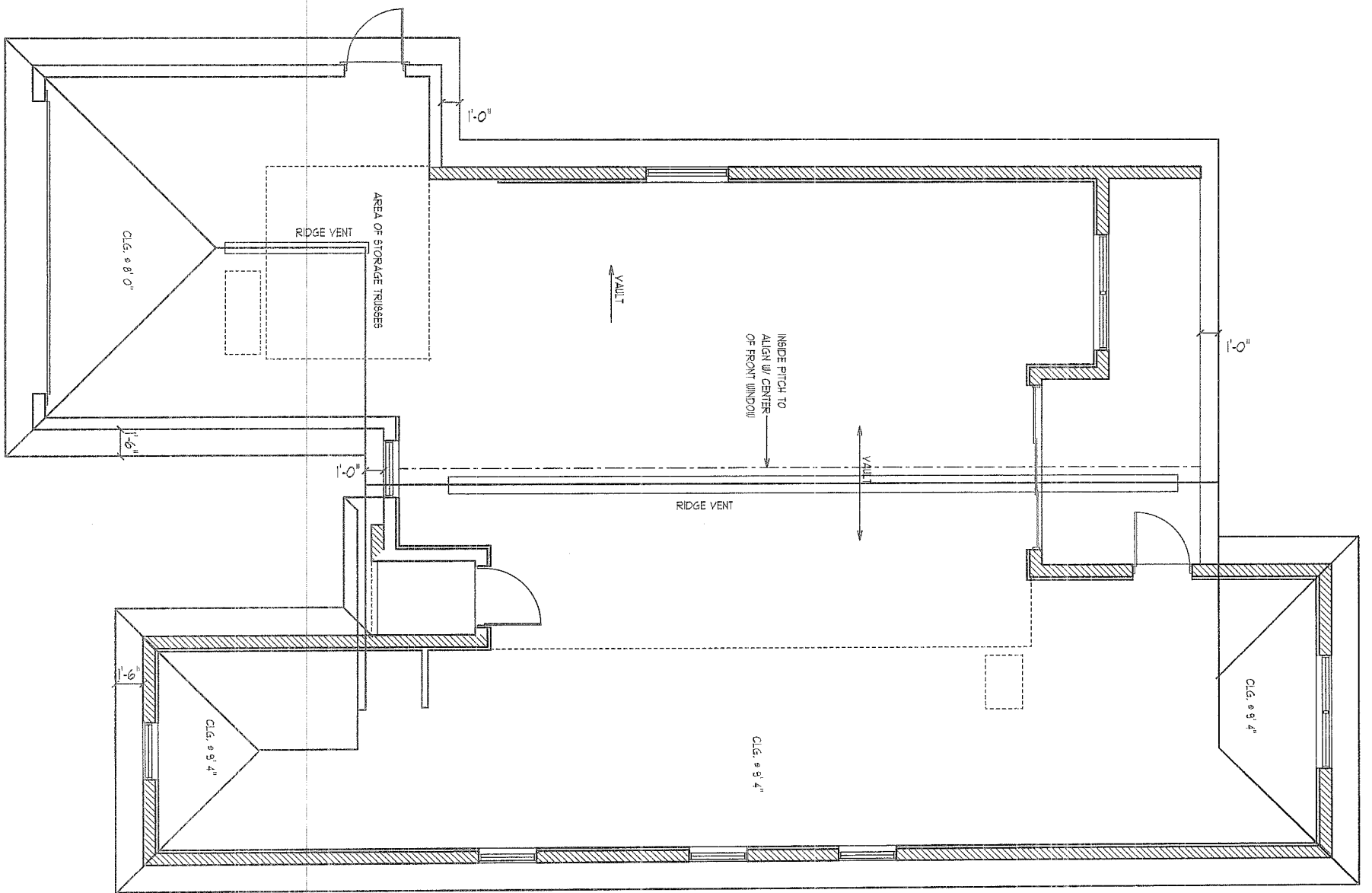


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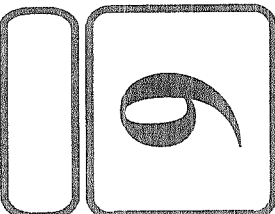


**ROOF PLAN -A**

SCLAE 1/8" = 1' 0"

A.E.C.S. # 11016

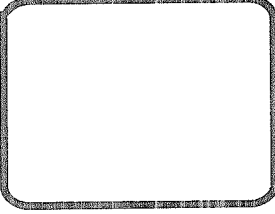
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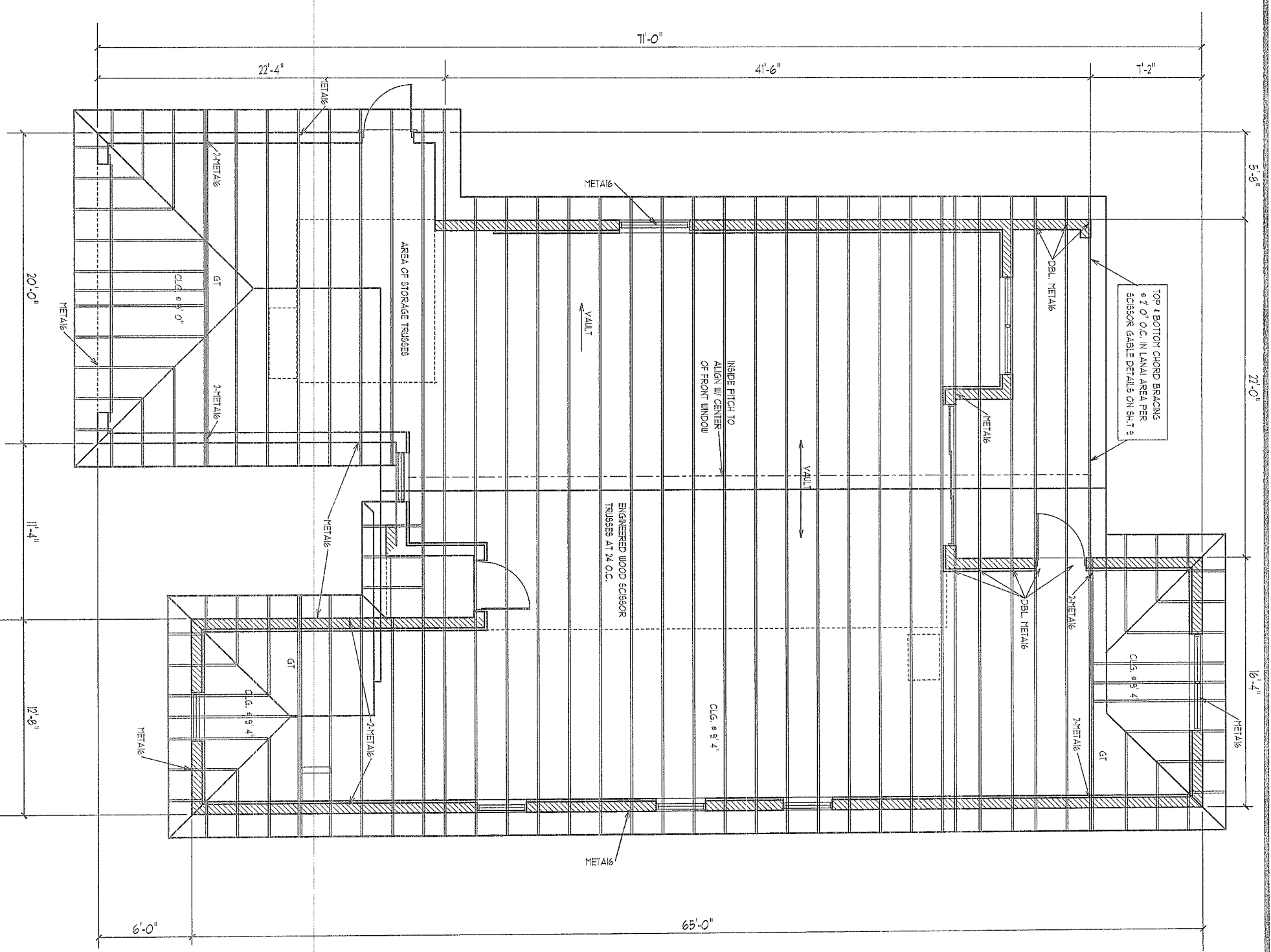
**IMPORTANT NOTE:**

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 TRUSSES 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 1/50th  
ATTIC AREA AT RIDGE,  
REMAINDER AT SOFFIT

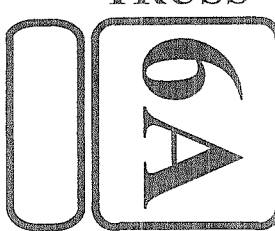


**TRUSS PLAN - A**

SCALE 1/8" = 1' 0"

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**PINEHURST 1725**



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

KITCHEN 42" HORIZONTAL  
 BATHROOM 42" HORIZONTAL  
 LAUNDRY 36" WASHER/ 24" DRYER/ WALL OUTLETS 45"  
 EXTERIOR WATERPROOF 6 1/2"  
 GARAGE GF 6 45"  
 RANGE ZOV 6 4"

2. ALL TRIM PLATES AND DEVICES TO GANGED WHERE POSSIBLE  
 3. ELECTRICAL SWITCHES TO BE AT 42" 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 901.2

6. PROVIDE AFCI ( ARC FAULT INTERRUPTERS ) IN ALL BEDROOMS  
 PER NEC, SECTION 210.12

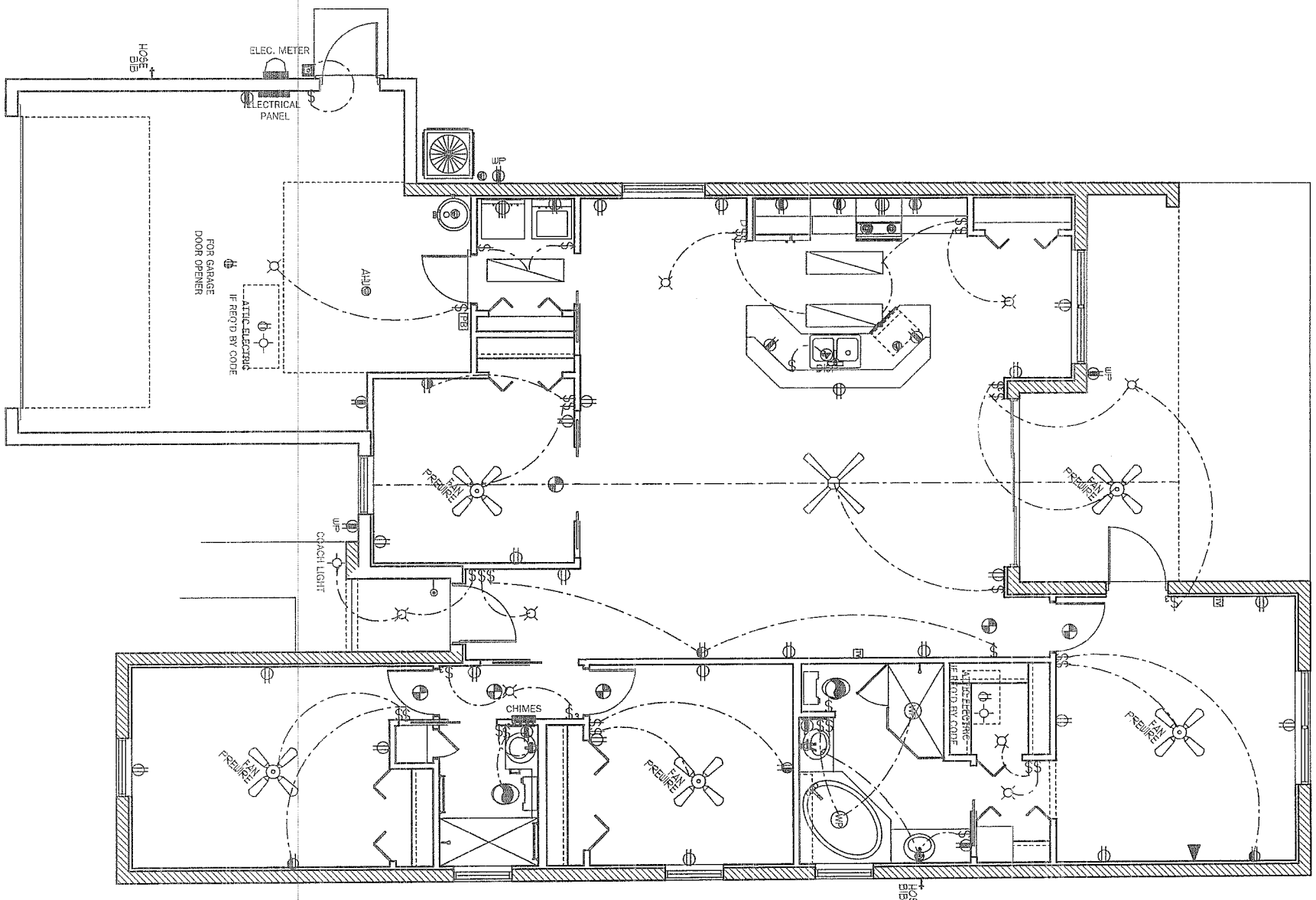
1. ALL RECEPTALS TO BE TAMPER PROOF PER SECT. 406.11

**ELECTRICAL LEGEND**

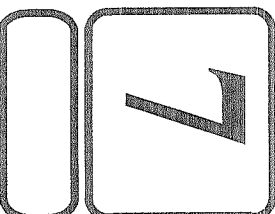
\$	SINGLE POLE SWITCH	⊕	SMOKE DETECTOR CARBON MONOXIDE DETECTOR
\$2	DOUBLE POLE SWITCH	FL	FLUORESCENT LIGHTING
\$3	THREE-WAY SWITCH	TR	TRACK LIGHTING
\$4	FOUR-WAY SWITCH	CF	CEILING FAN
\$DM	DIMMER SWITCH	SC	SCOUNCE (WALL MOUNTED) FIXTURE
⊕	CEILING FIXTURE	110V	110 VOLT DUPLEX OUTLET
⊕	SCOUNCE (WALL MOUNTED) FIXTURE	110V S	110 VOLT SPLIT SWITCHED OUTLET
⊕	110 VOLT DUPLEX OUTLET	GF	GROUND FAULT INTERRUPT
⊕	110 VOLT SPLIT SWITCHED OUTLET	WPF	WATER PROOF W/ GROUND FAULT
⊕	GROUND FAULT INTERRUPT	220V	220 VOLT OUTLET
⊕	WATER PROOF W/ GROUND FAULT	SSP	SPECIAL SERVICES OUTLET
⊕	220 VOLT OUTLET	TV	T.V. CABLE OUTLET
⊕	SPECIAL SERVICES OUTLET	TC	TELEPHONE CABLE OUTLET
⊕	T.V. CABLE OUTLET	RL	RECESSED LIGHTING
⊕	TELEPHONE CABLE OUTLET	WPR	WATER PROOF RECESSED LIGHTING
⊕	RECESSED LIGHTING	BF	BATH FAN
⊕	WATER PROOF RECESSED LIGHTING	BL	BATH FAN W/ LIGHT
⊕	BATH FAN		
⊕	BATH FAN W/ LIGHT		

⊕	DISCONNECT SWITCH	⊕	DISPOSAL
SP	PREWIRE SPEAKER	DB	DOOR BELL CHIMES
J	JUNCTION BOX	DB	DOOR BELL
T	THERMOSTAT		
L	LOW VOLTAGE LIGHTING		
I	INTERCOM SYSTEM		
PB	GARAGE DOOR PUSH BUTTON		



**ELECTRICAL PLAN**      **SCALE 1/8" = 1' 0"**      **A.E.C.S. # 11016**      **PINEHURST 1725**

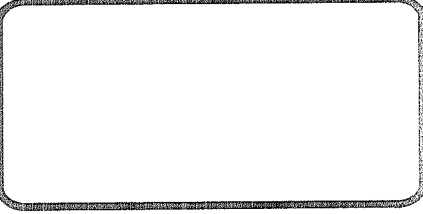
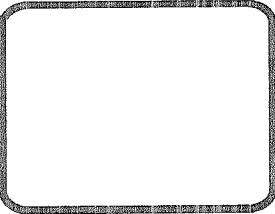


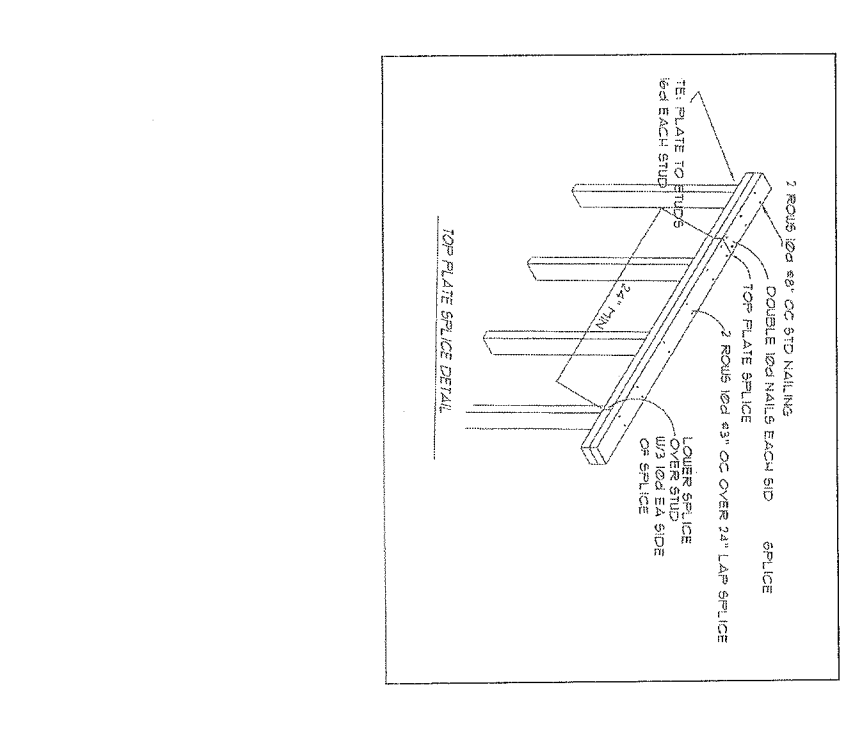
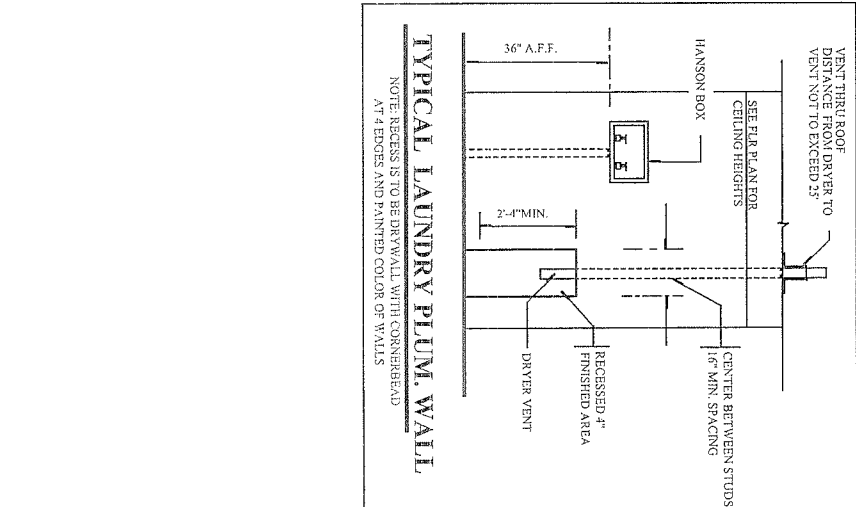
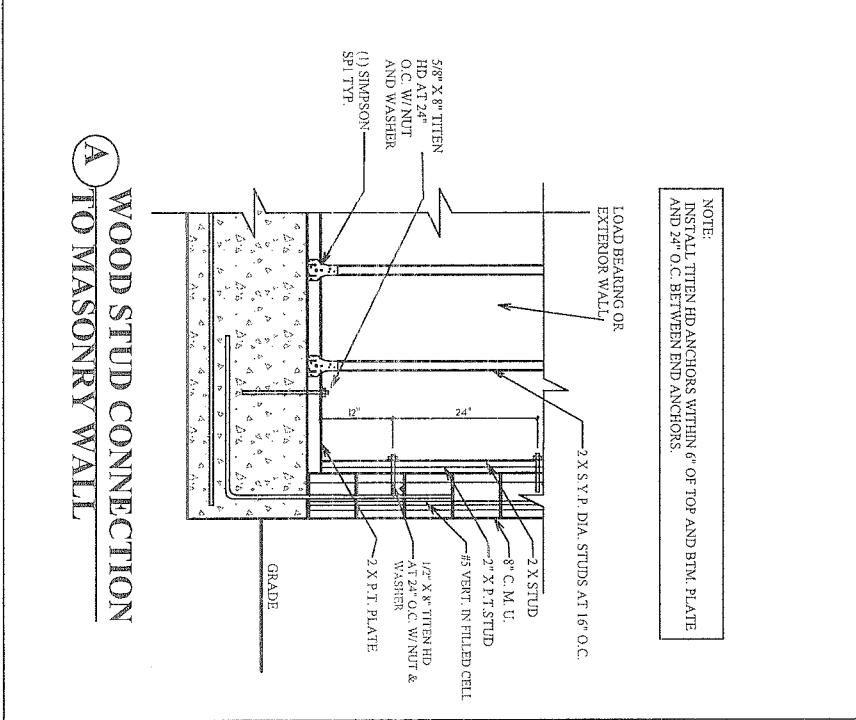
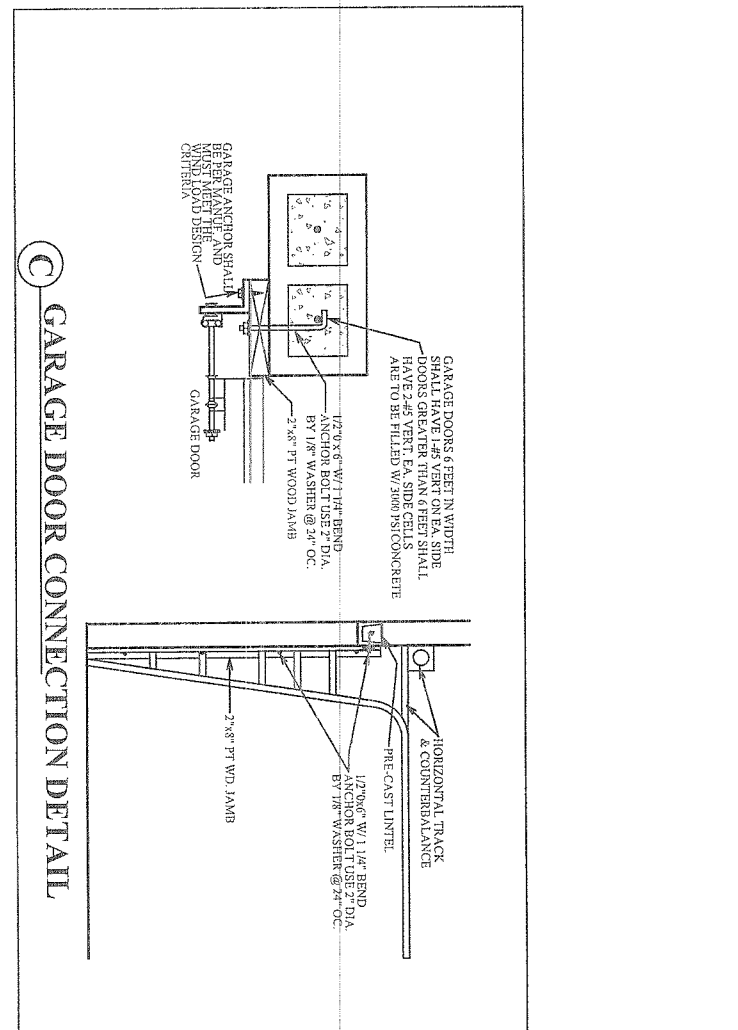
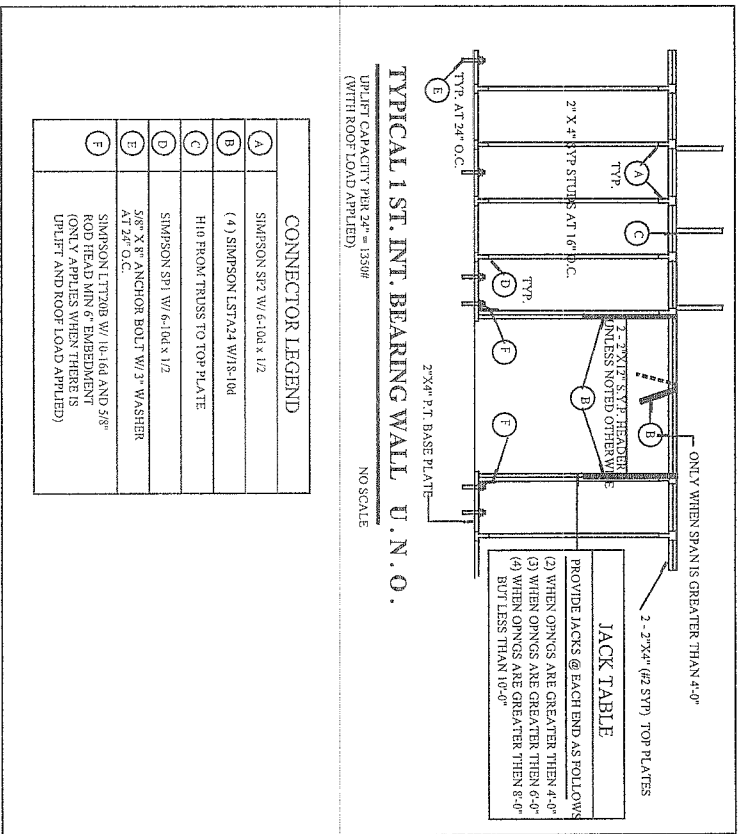
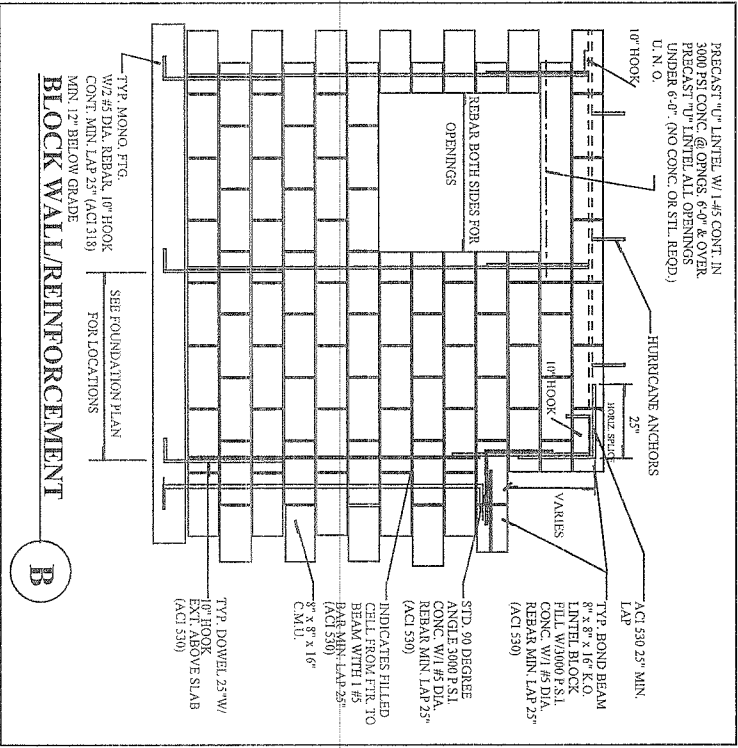
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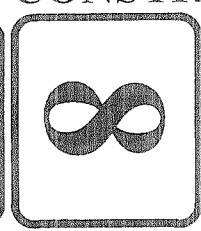
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**BUKOWSKI / GODWIN RESIDENCE**  
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CONSTRUCTION DETAILS



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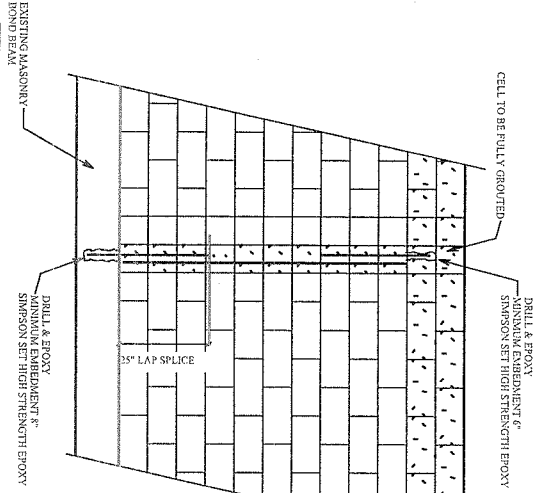
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 SIGNATURE: [Signature] 2/22/11  
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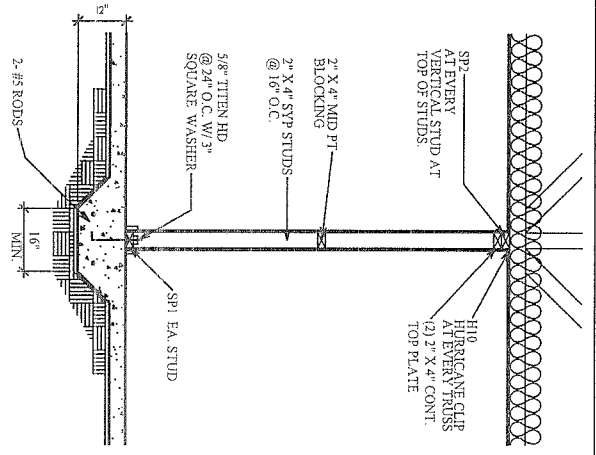
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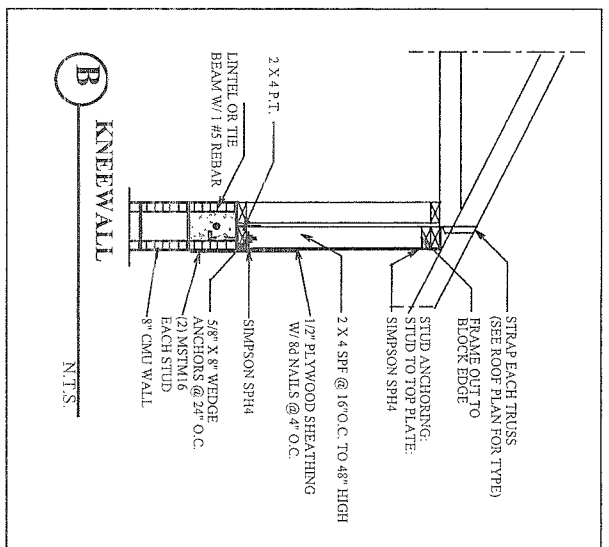
**TYP. RETROFIT VERT. DOWEL CONDITION**

NOTE:  
MISSING DOWELS, WHERE FOOTING DOWELS ARE PLACED INCORRECTLY OR MISTAKENLY ELIMINATED, REPLACE DOWEL AT PROPER LOCATION W/ GRADE 405 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) 3/8" 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

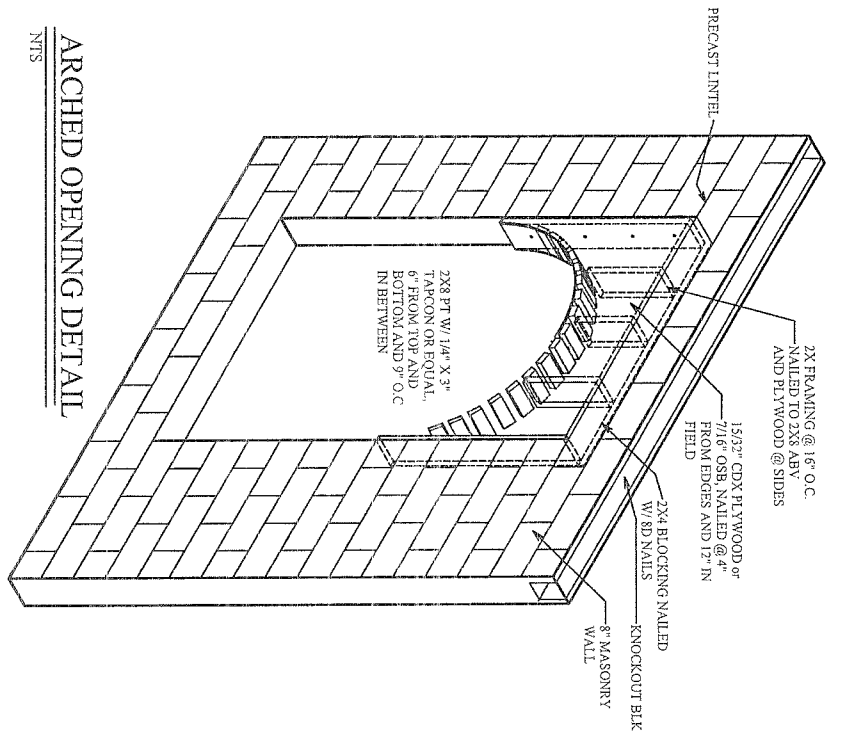


**BEARING PARTITION**



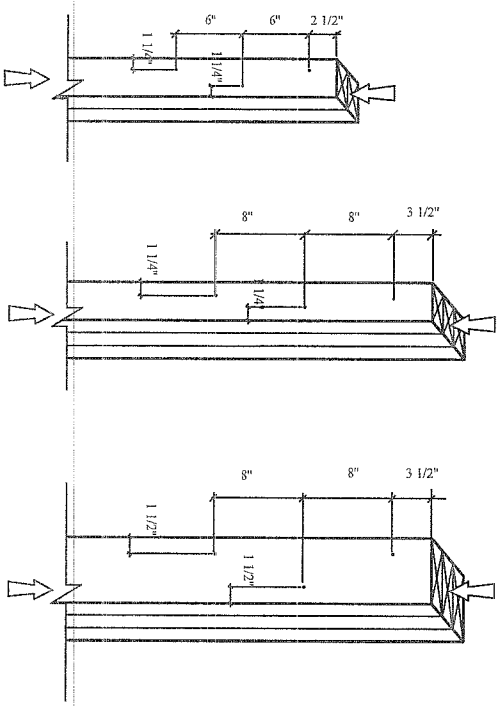
**B KNEEWALL**

N.T.S.



**ARCHED OPENING DETAIL**

N.T.S.



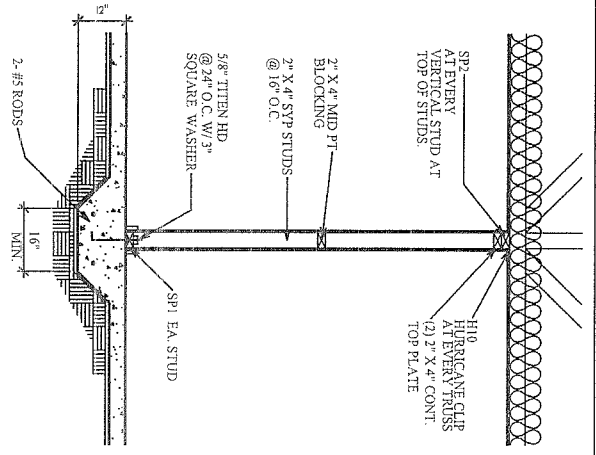
(2) 2x4 LAMINATIONS W/1 ROW OF STAGGERED 100 COMMON WIRE NAILS (D=0-148, L=3") OR EQUAL

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

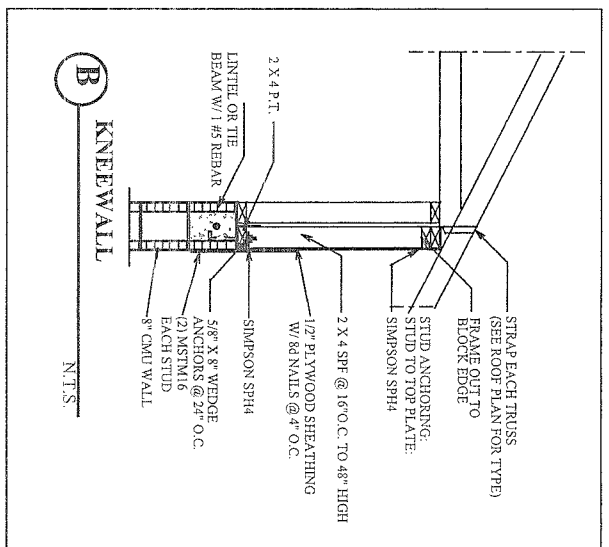
(2) 2x6 LAMINATIONS W/2 ROWS OF STAGGERED 300 COMMON WIRE NAILS (D=0-207, L=4 1/2") OR EQUAL

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 300 COMMON NAIL MAY BE REPLACED W/ (2) 100 COMMON NAILS (ONE INTO EACH OUTSIDE FACE OF COLUMN).  
4) FOR 5x8 LAG SCREWS OR EQUAL (SPACE AS SHOWN FOR 5x8).  
5) FOR 5x8 LAG SCREWS OR EQUAL (SPACE AS SHOWN FOR 5x8).  
6) REFER TO NDS SECTION 15.3 FOR ADDITIONAL INFORMATION.

**TYP. NAILING SCHEDULE FOR BUILT-UP COLUMNS**

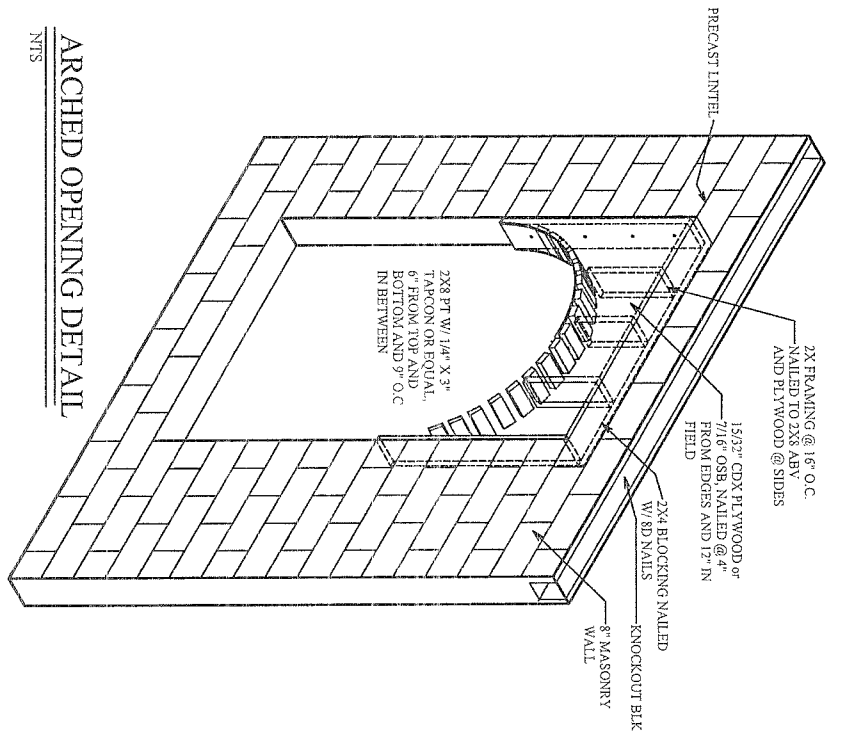


**BEARING PARTITION**



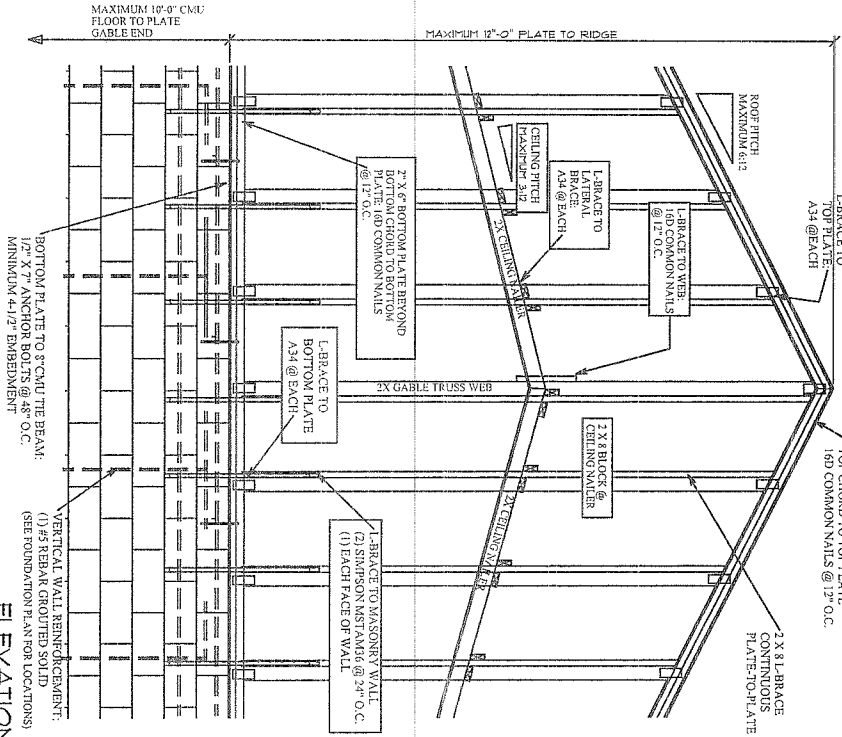
**B KNEEWALL**

N.T.S.

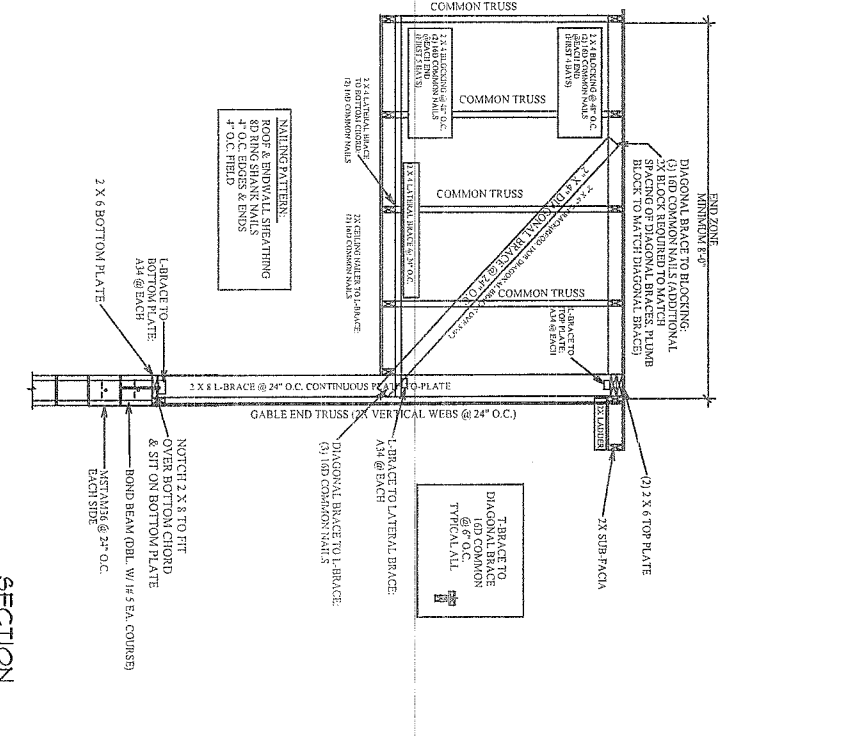


**ARCHED OPENING DETAIL**

N.T.S.



**GABLE END WALL W/ SCISSOR TRUSSES ELEVATION**



**GABLE END WALL W/ SCISSOR TRUSSES SECTION**

**CONSTRUCTION DETAILS**

A.E.C.S. # 11016

**PINEHURST 1725**

3-24-09



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

PLAN DATE  
02-10-11  
02-22-11

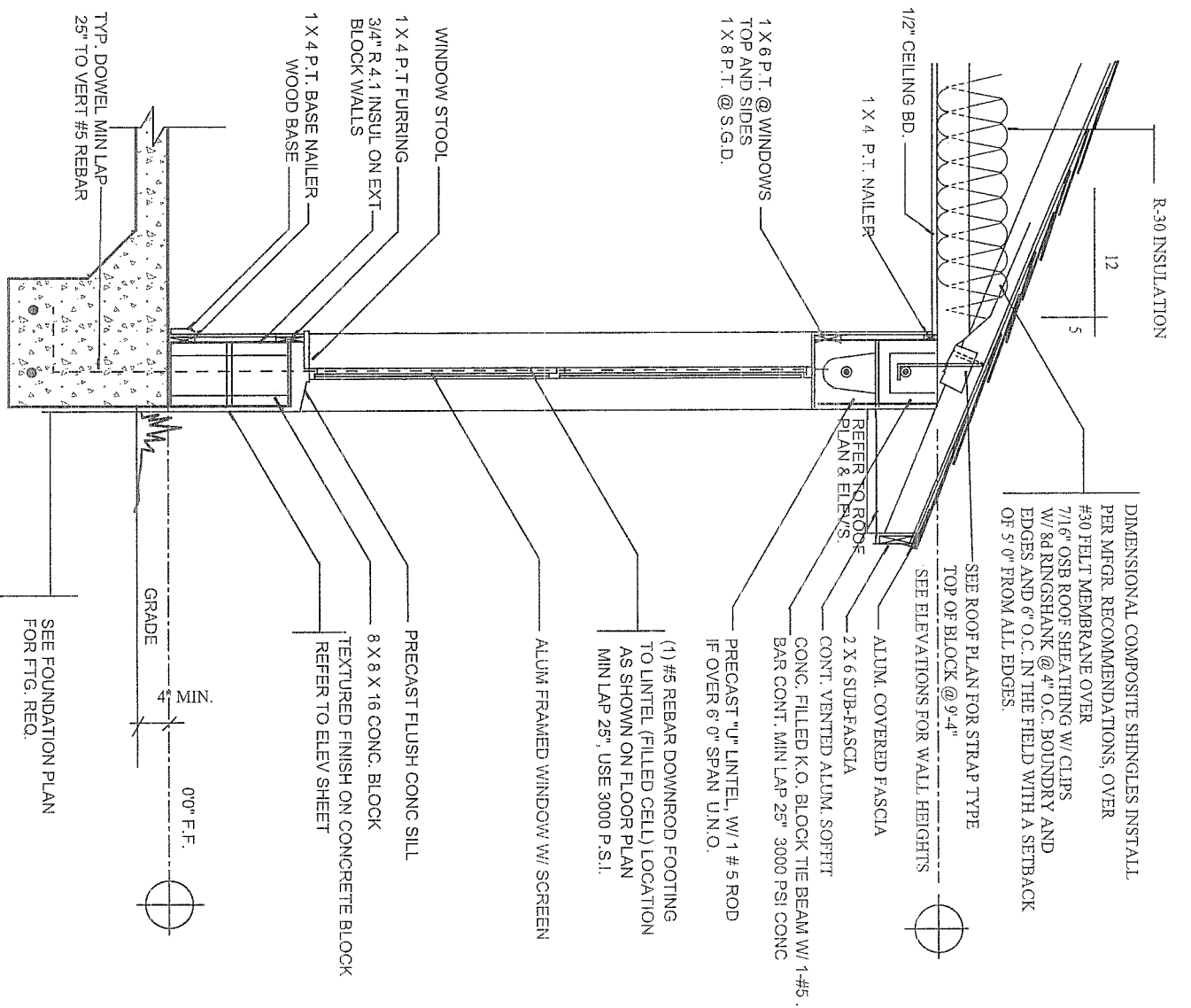
**BUKOWSKI / GODWIN RESIDENCE**  
1538 RIVER COURT  
TARPON SPRINGS

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 REQUIRED FOR STRUCTURE ONLY.  
SIGNED: *[Signature]*  
RICHARD B. 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

SIMPSON	FLORIDA PRODUCT NUMBERS PER INDEX 3-27-09
MTA16	14473.17
HD	10456.19
MOT	11470.7
LSTA24	10952.4
SP1	10456.41
SP2	10456.42
VTQ4	10861.5
LG12	11470.6
ECCO348DS2.5	10456.23
HTS20	10456.23
HTTB	11496.1

**CONNECTOR TABLE**



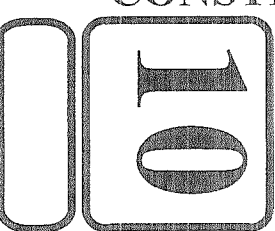
**A** TYPICAL WALL SECTION

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

**CONSTRUCTION DETAILS**

A.E.C.S. # 11016

**PINEHURST 1725**



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