

COLUMNS UNLESS OTHERWISE SHOWN IN THE STRUCTURAL PLANS.

32. STRUCTURAL STEEL AND CONNECTION ACCESSORY MATERIAL [GENERAL]:

32.1 I-BEAMS, FORMED STRUCTURAL STEEL, FLAT BAR OR PLATE SHALL BE ASTM GRADE A36 UNLESS STATED OTHERWISE.
32.2 ALL STRUCTURAL STEEL SHALL HAVE A MINIMUM OF TWO COATS OF PRIMER AND TWO COATS OF EPOXY AS A CORROSION PREVENTIVE. THE BUILDING CONTRACTOR MAY VARY FROM THIS SPECIFICATION WITH THE APPROVAL OF THE STRUCTURAL ENGINEER IF IT CAN BE DEMONSTRATED ANOTHER MEANS OF CORROSION CONTROL IS EQUALLY EFFECTIVE.

32.3 ALL WELDING OF STRUCTURAL STEEL SHALL BE MADE WITH E60/70 TYPE ELECTRODES. THE DEPTH AND LENGTH FOR THE WELD SHALL BE SPECIFIED IN THE STRUCTURAL DESIGN FOR THE SPECIFIC CONNECTION.

33. VENTILATION [GENERAL]

33.1 THE STRUCTURAL ENGINEER IS NOT RESPONSIBLE FOR DETERMINING VENTILATION REQUIREMENTS OF CRAWL SPACES, FLOORS, AND ATTICS NOR THE MEANS AND METHODS FOR IMPLEMENTING THESE REQUIREMENTS.

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 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 C.R. SECTIONS 59 AND 60, AND ON THOSE OF THE INDIVIDUAL COMMUNITY RATING AGENCIES FOR THE GOVERNMENTAL 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.
36.3 WATERPROOFING MEASURES ABOVE GRADE [E.G., FLASHING, CAULKING, SHAPE, AND LOCATION OF]

37. SPECIAL CONSTRUCTION [GENERAL]:

37.1 ALUMINUM 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

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. STRUCTURES OTHER THAN

Floor and Roof Live Loads

Uninhabitable Attics:	20 psf
Habitable Attics, Bedroom:	30 psf
All Other Rooms:	40 psf
Garage:	40 psf
Roofs:	20 psf

Wind Design Data

Ultimate Wind Speed:	145 mph
Nominal (Basic) Wind Speed:	112 mph
Risk Category:	II
Wind Exposure:	B
Enclosure Classification:	Enclosed
Internal Pressure Coefficient:	0.18 +/-

Components and Cladding:

Roofing Zone 1:	16.0 psf max., -20.7 psf min.
Roofing Zone 2:	16.0 psf max., -36.0 psf min.
Roofing Zone 3:	16.0 psf max., -53.2 psf min.
Roofing at Zone 2 Overhangs:	-42.1 psf min.
Roofing at Zone 3 Overhangs:	-70.8 psf min.

Stucco, Cladding, Doors and Windows:

Zone 4:	22.6 psf max., -24.5 psf min.
Zone 5:	22.6 psf max., -30.2 psf min.
9' Wide O/H Dr.:	19.8 psf max., -22.4 psf min.
16' Wide O/H Dr.:	19.0 psf max., -21.2 psf min.

The Nominal Wind Speed was used to determine these Component and Cladding Pressures.

All exterior glazed openings shall be protected from wind-borne debris as per Section 1609.1.2 of the 2010 Florida Building Code.

Geotechnical Information

Design Soil Load-Bearing Capacity: 2,000 psf

Flood Design Data

Flood Zone: X

Door and Window Openings

No.	Description	Opening Width	Opening Height	Distance from Corner	Design Pressure Requirements
1	Entry Door - example	3	8	12	21.4 psf max., -23.3 psf min.
2	Sliding Glass Door - example	6	6.67	6	20.7 psf max., -23.2 psf min.
3	Fixed Glass Window - example	2	2	3	22.6 psf max., -30.2 psf min.
4	10 sqft zone 4	3	3.3	10	22.6 psf max., -24.5 psf min.
4	20 sqft zone 4	4	5	10	21.6 psf max., -23.5 psf min.
4	30 sqft zone 4	5	6	10	21.1 psf max., -23.0 psf min.
4	40 sqft zone 4	5	8	10	20.7 psf max., -22.6 psf min.
4	50 sqft zone 4	5	10	10	20.2 psf max., -22.1 psf min.
4	100 sqft zone 4	10	10	10	19.2 psf max., -21.2 psf min.
5	10 sqft zone 4	4	2.5	2	22.6 psf max., -30.2 psf min.
5	20 sqft zone 4	4	5	2	21.6 psf max., -28.2 psf min.
5	30 sqft zone 4	4	7.5	2	21.1 psf max., -27.3 psf min.
5	40 sqft zone 4	4	10	2	20.7 psf max., -26.4 psf min.
5	50 sqft zone 4	4	12.5	2	20.2 psf max., -25.5 psf min.
5	100 sqft zone 4	4	25	2	19.2 psf max., -23.5 psf min.

WIND LOAD DESIGN DATA

A.E.C.S. # 13002

ASPEN 3330



DEEB FAMILY HOMES, LTD.

9400 RIVER CROSSING BLD.
NEW PORT RICHEY, FL. 34655
727-376-6831

PLAN DATE

12-18-12
12-21-12
12-31-12
1-9-13

LOT 35 RENAISSANCE OAKS CLEARWATER, FL.

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 2010 FLORIDA RESIDENTIAL BUILDING CODE SEALED FOR STRUCTURE ONLY.
SIGNED:
RICHARD E. ALLEN, P.E. #5920

ALLEN ENGINEERING & CONSTRUCTION SERVICES
RICH ALLEN PROFESSIONAL ENGINEER
P.E. # 56920 C.A. # 9542
P.O. BOX 351
NEW PORT RICHEY, FL. 34656
727-842-6100
richallenpe@gmail.com

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

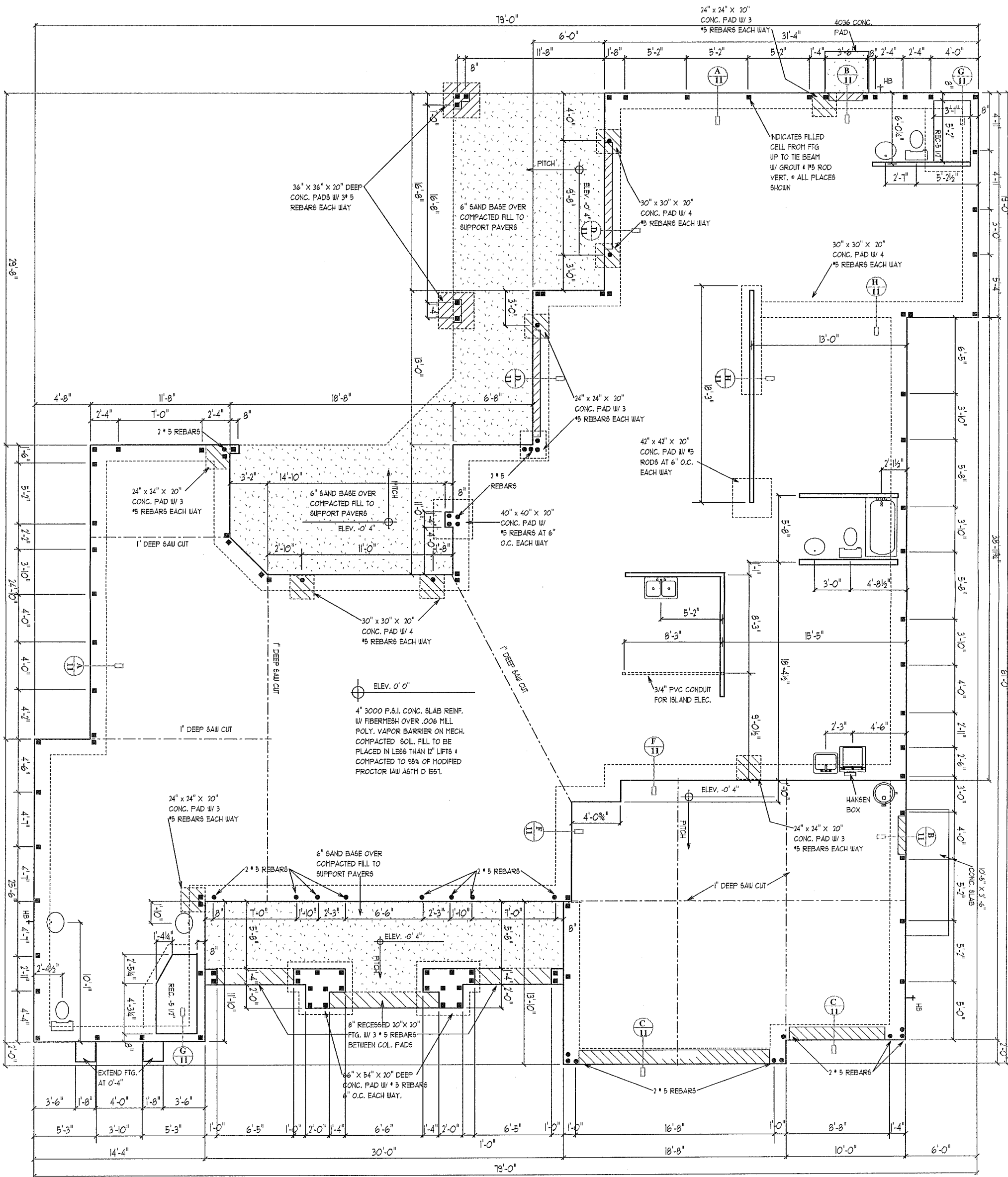
DRIVEWAY IN RIGHT OF WAY TO BE 6" 3000 PSI
 CONCRETE WITH FIBERMESH AND WIRE REINFORCEMENT.

SYNTHETIC FIBER REINFORCEMENT
 IN CONCRETE FOR SLAB-ON-GRADE
 SHALL COMPLY WITH FBC SECT. 1911.7
 (EXCEPTION 1)

- NOTES**
- 1) NO SOILS INFORMATION PROVIDED. PRESUMED ALLOWABLE SOIL BEARING CAPACITY IS 2000 P.S.F.
 - 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

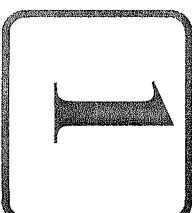


FOUNDATION PLAN-B

SCALE 1/8" = 1' 0"

A.E.C.S. # 13002

ASPEN 3330



**DEEB FAMILY
 HOMES, LTD.**

9400 RIVER CROSSING BLD.
 NEW PORT RICHEY, FL. 34655
 727-376-6831

PLAN DATE

12-18-12
 12-21-12
 12-31-12
 1-9-13

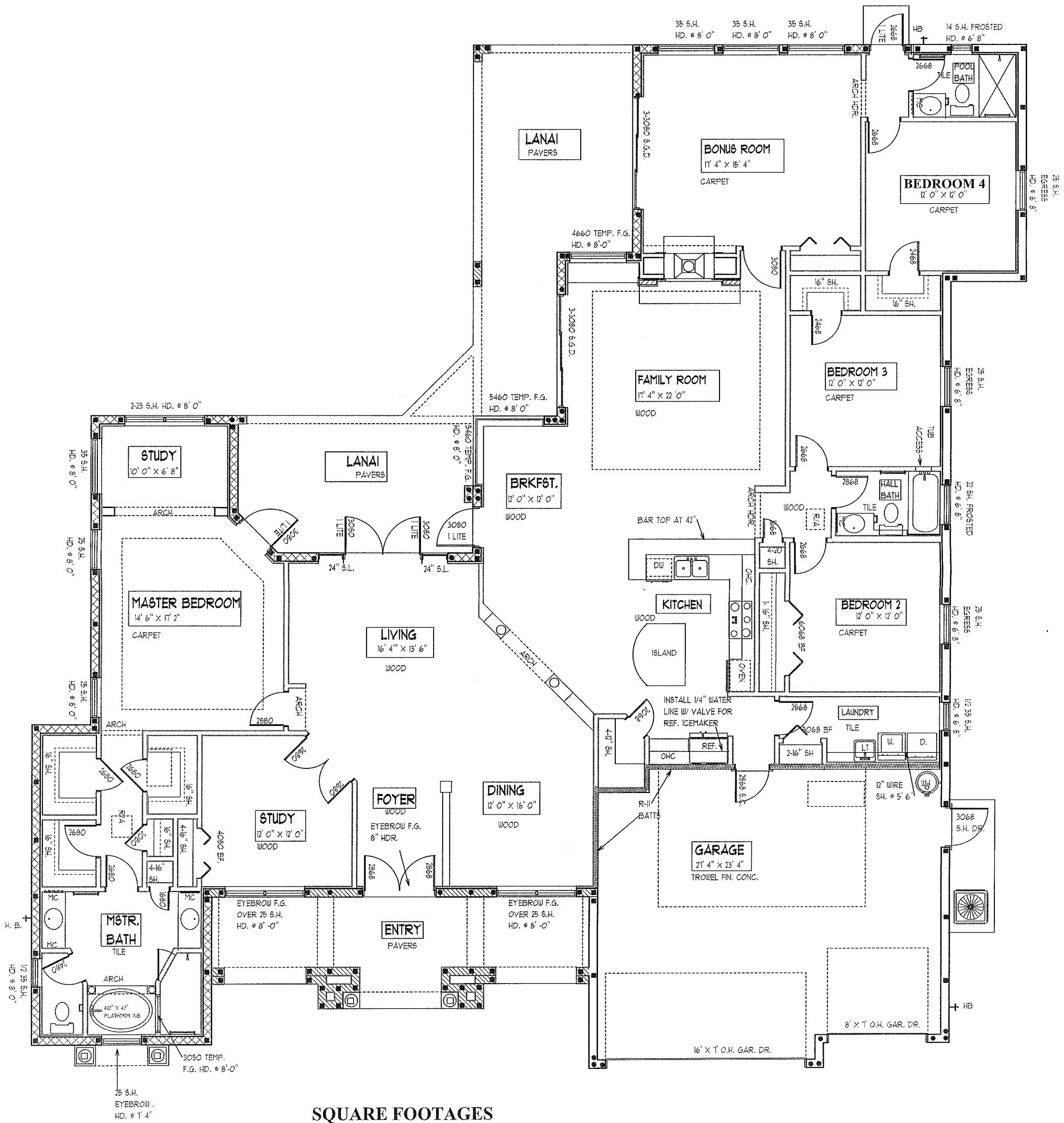
**LOT 35
 RENAISSANCE OAKS
 CLEARWATER, FL.**

I HEREBY CERTIFY THAT I HAVE PERFORMED THE ATTACHED DESIGN TO COMPLY WITH L45 MPH ULTIMATE WIND LOADS AND IT IS IN COMPLIANCE WITH SECT. 301 OF THE 2010 FLORIDA RESIDENTIAL BUILDING CODE SIGNED FOR THE PROJECT ONLY

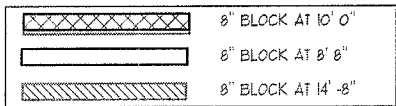
SIGNED *Richard Allen* 12/10/13
 RICHARD ALLEN P.E. #36929

**ALLEN ENGINEERING &
 CONSTRUCTION SERVICES**

RICH ALLEN PROFESSIONAL ENGINEER
 P.E. # 56920 C.A. # 9542
 P.O. BOX 351
 NEW PORT RICHEY, FL. 34656
 727-842-6100
 richallenpe@gmail.com



WALL LEGEND



SQUARE FOOTAGES

LIVING AREA	-	3330 S.F.
GARAGE	-	664 S.F.
LANAI	-	511 S.F.
ENTRY	-	241 S.F.

FLOOR PLAN NOTES

SCALE 1/8" = 1' 0"

A.E.C.S. # 13002

ASPEN 3330

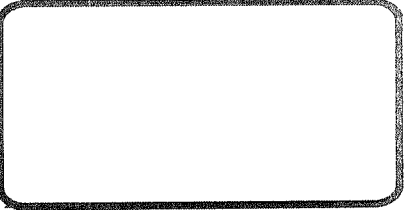
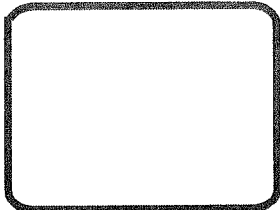


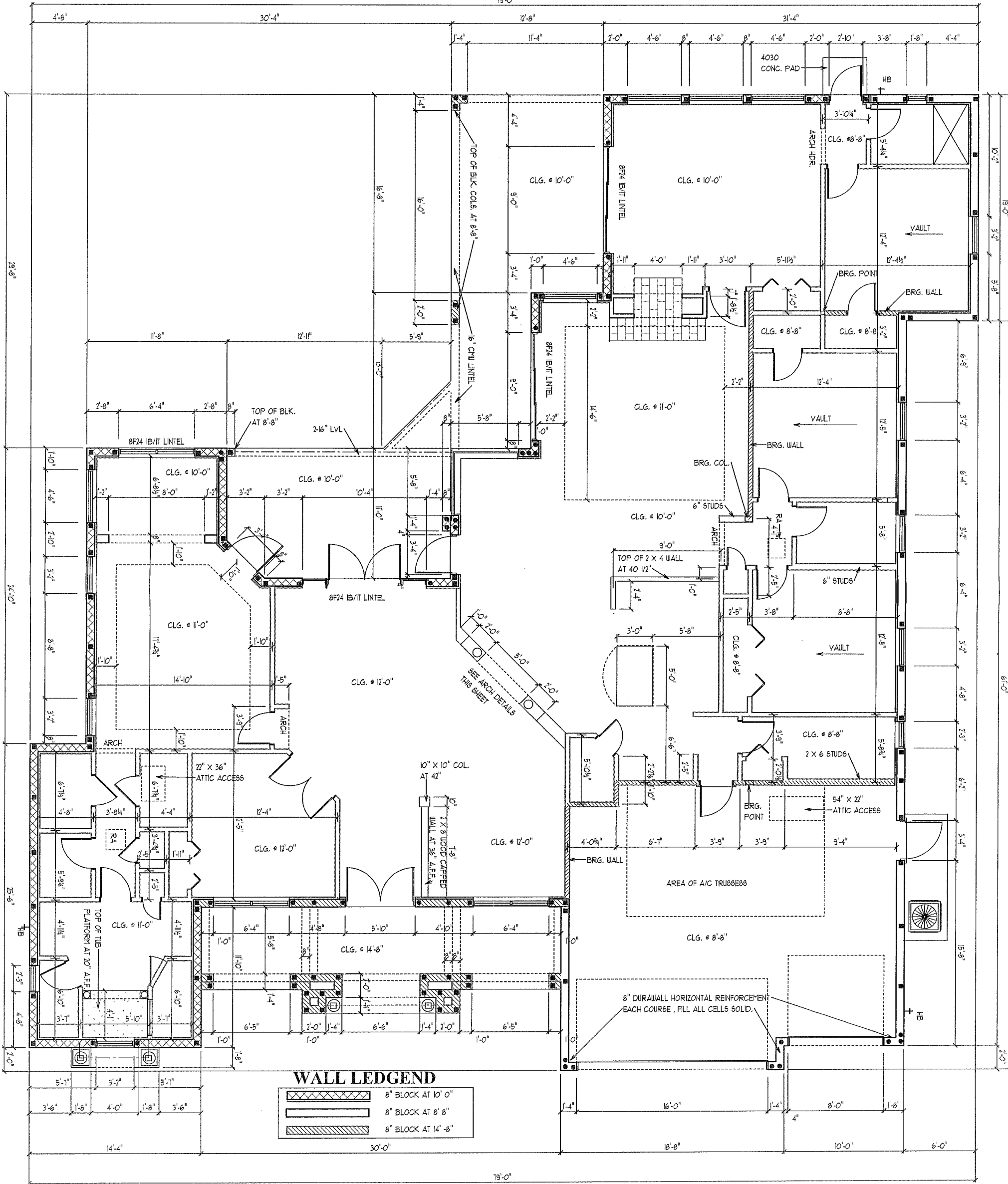
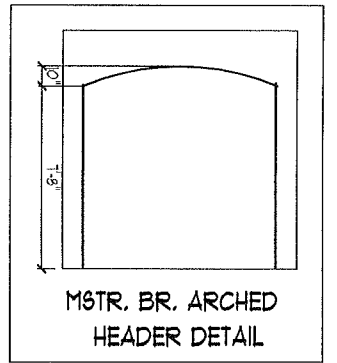
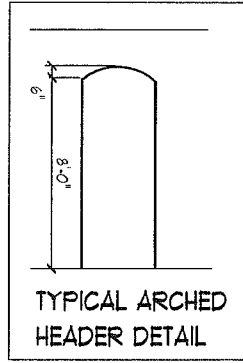
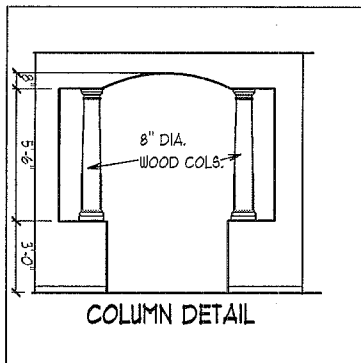
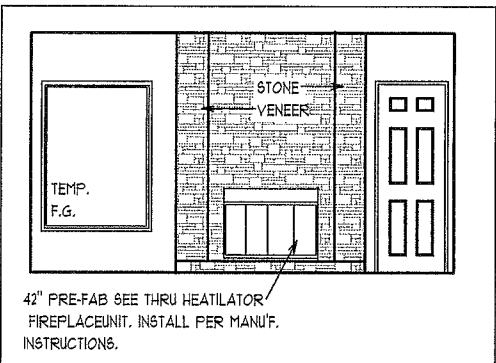
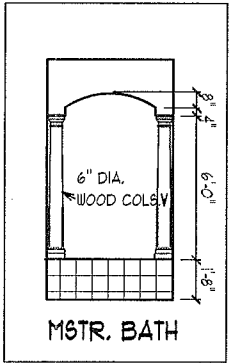
DEEB FAMILY HOMES, LTD.
 9400 RIVER CROSSING BLD.
 NEW PORT RICHEY, FL. 34655
 727-376-6831

PLAN DATE

12-18-12
12-21-12
12-31-12
1-9-13

LOT 35
 RENAISSANCE OAKS
 CLEARWATER, FL.





WALL LEDGEND

	8" BLOCK AT 10' 0"
	8" BLOCK AT 8' 8"
	8" BLOCK AT 14' 8"

DIMENSION PLAN SCALE 1/8" = 1'-0" A.E.C.S. # 13002 ASPEN 3330



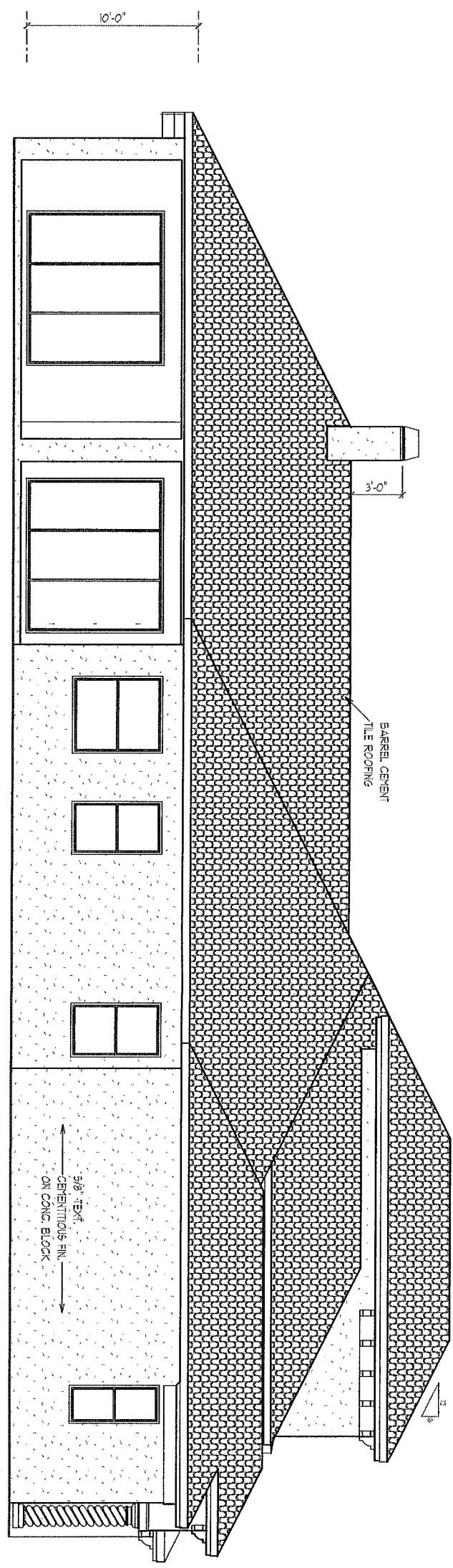
DEEB FAMILY HOMES, LTD.
9400 RIVER CROSSING BLD. NEW PORT RICHEY, FL. 34655 727-376-6831

PLAN DATE
12-18-12
12-21-12
12-31-12
1-9-13

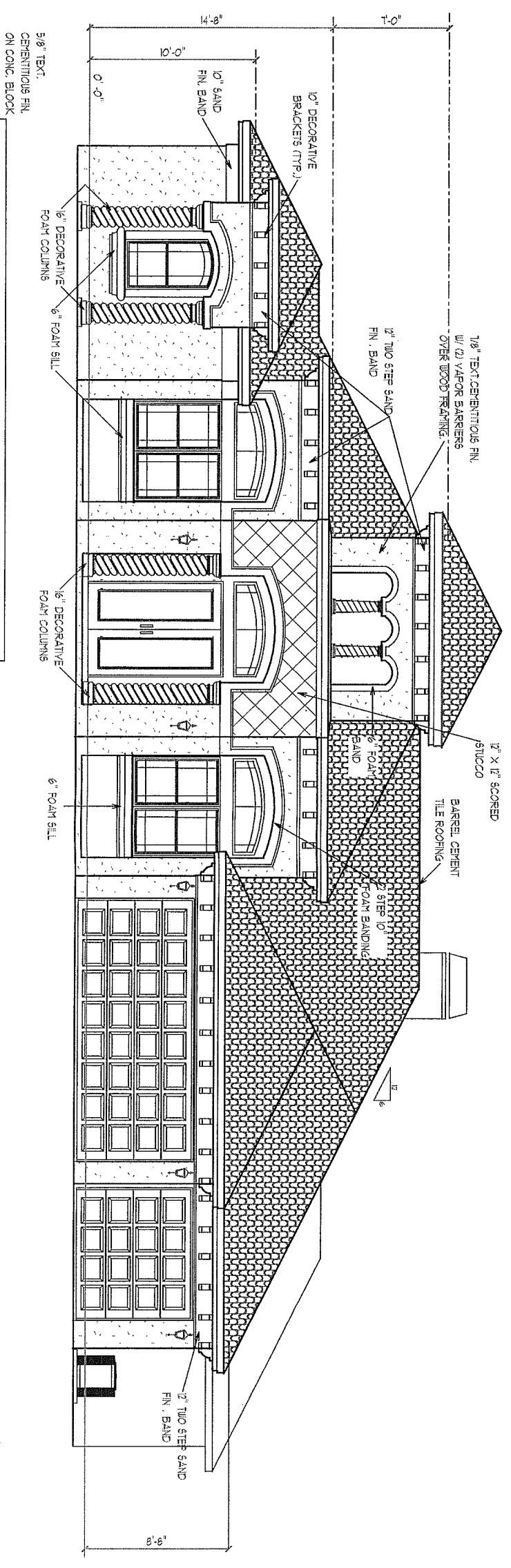
LOT 35 RENAISSANCE OAKS CLEARWATER, FL.

I HEREBY CERTIFY THAT I HAVE PERFORMED THE ATTACHED DESIGN TO COMPLY WITH LRS MPH ULTIMATE WIND LOADS AND IT IS IN COMPLIANCE WITH SECT. 301 OF THE 2010 FLORIDA RESIDENTIAL BUILDING CODE. SEALED FOR YOUR CONVEY BY: RICHARD P. ALLEN P.E. #56920

ALLEN ENGINEERING & CONSTRUCTION SERVICES
RICH ALLEN PROFESSIONAL ENGINEER P.E. # 56920 C.A. # 9542 P.O. BOX 351 NEW PORT RICHEY, FL. 34656 727-842-6100 richallenpe@gmail.com



LEFT SIDE ELEVATION



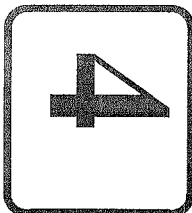
FRONT ELEVATION

EXTERIOR ELEVATIONS

1/8" = 1' 0"

A.E.C.S. # 13002

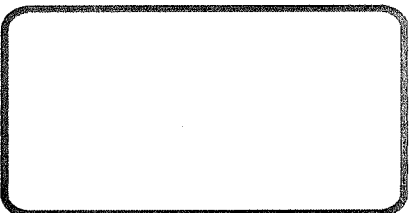
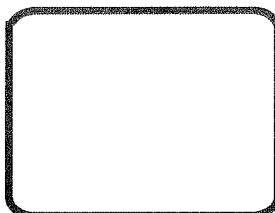
ASPEN 3330



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

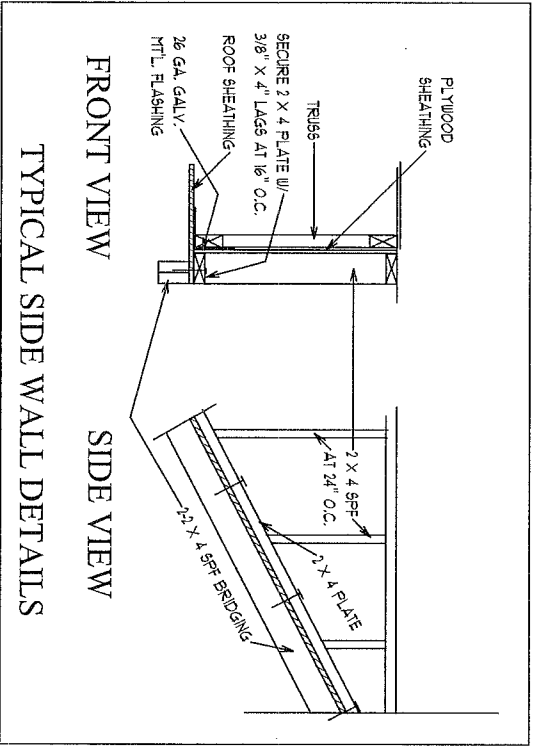
PLAN DATE
12-18-12
12-21-12
12-31-12
1-9-13

LOT 35
 RENAISSANCE OAKS
 CLEARWATER, FL.

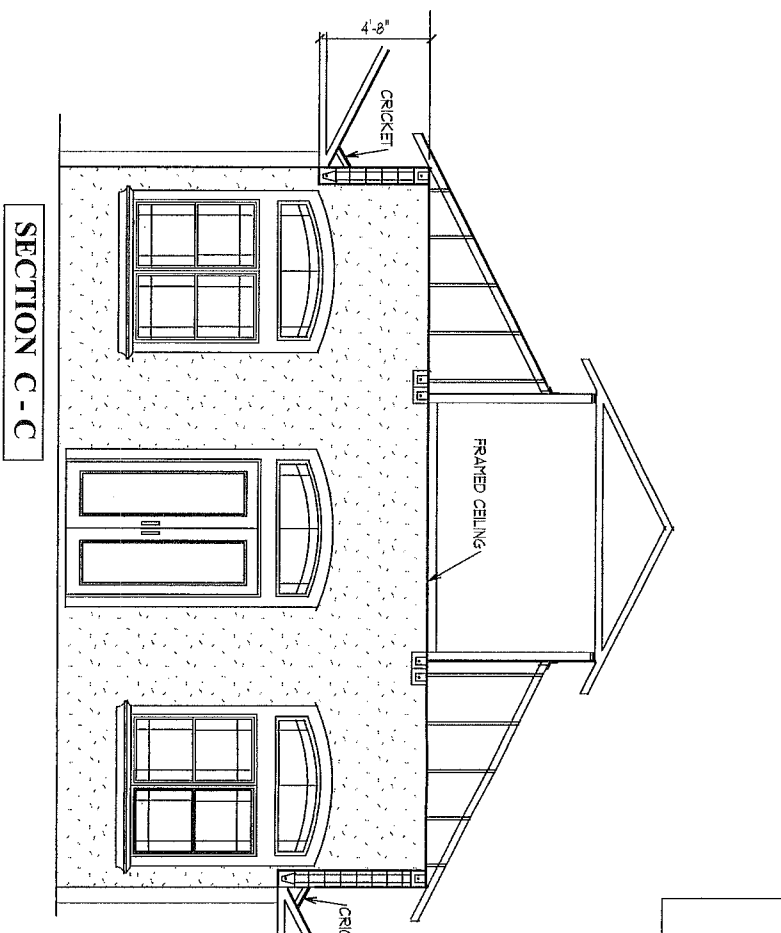


NAILING SCHEDULE:
 9P1 - 4-10D TO PLATE
 6-10 TO STUD
 H10 - 8-8d X 1 1/2" TO TRUSS & TOP PLATE
 H2 - 5-8d
 METAL6 - 6-16d
 C916 - 20-10d
 HT920 - 20-10d
 MT9M16-4 - 1/4" X 3 1/4" TAPCONS

NOTE: ALL NON STRUCTURAL LUMBER IS TO BE SOUTHERN PINE FIR UN.O.

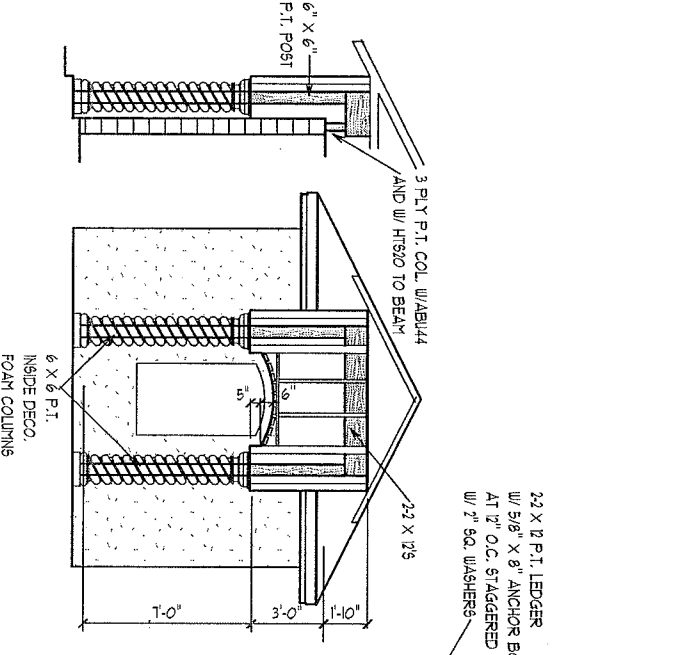
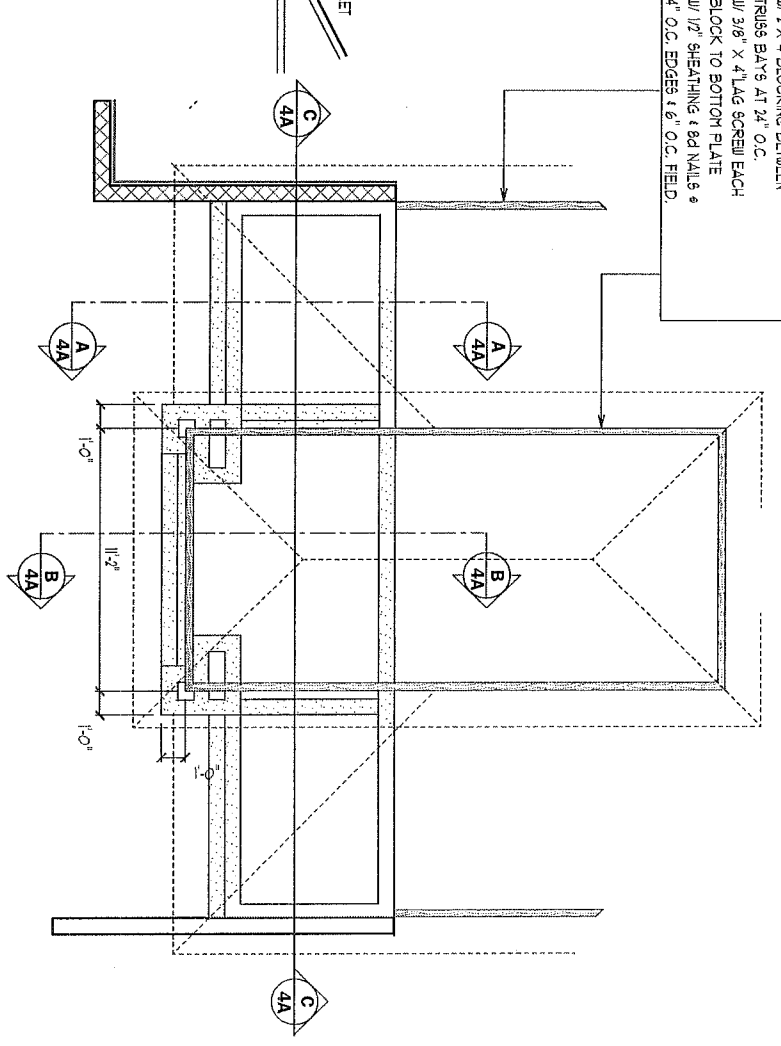


FRONT VIEW
SIDE VIEW
TYPICAL SIDE WALL DETAILS

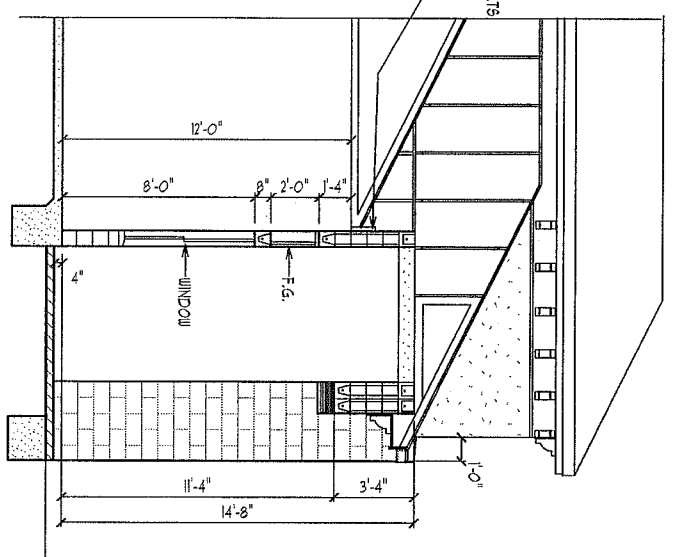


SECTION C - C

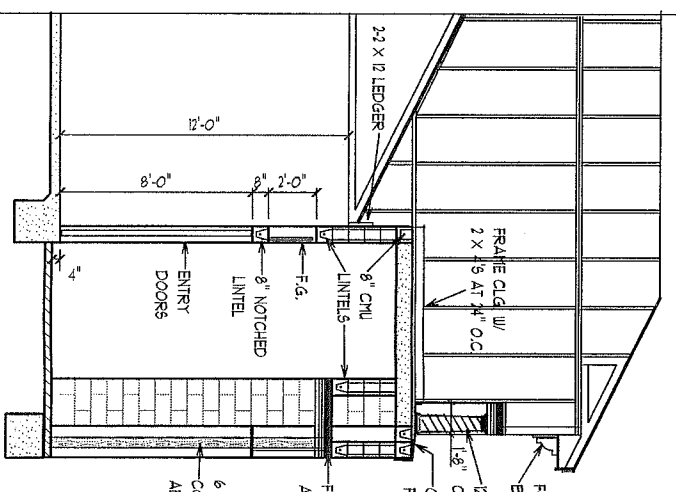
2 X 4 KNEEWALL @ 24" O.C. W/ SINGLE TOP & BOTTOM PLATES W/ 2 X 4 BLOCKING BETWEEN TRUSS BAYS AT 24" O.C. W/ 3/8" X 4" LAG SCREW EACH BLOCK TO BOTTOM PLATE W/ 1/2" SHEATHING & 8d NAILS @ 4" O.C. EDGES & 6" O.C. FIELD.



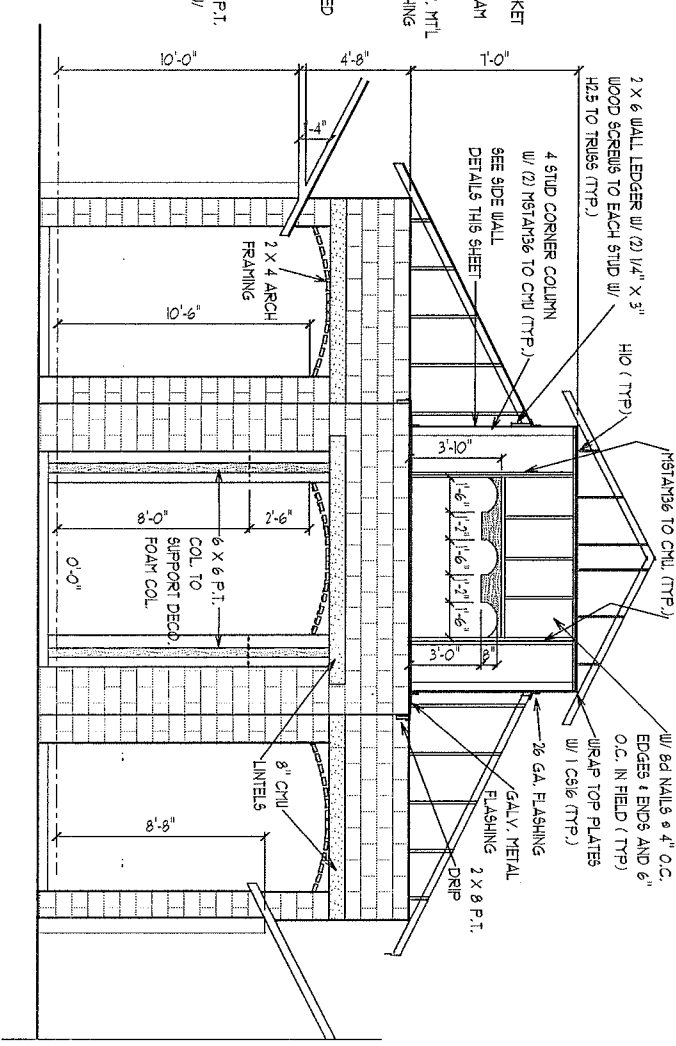
MSTR. BATH TOWER



SECTION A - A



SECTION B - B



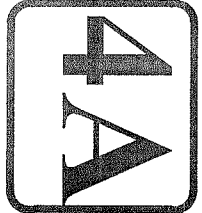
ENTRY FRAMING

ENTRY TOWER DETAILS

SCALE 3/16" = 1'-0"

A.E.C.S. # 13002

ASPEN 3330



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

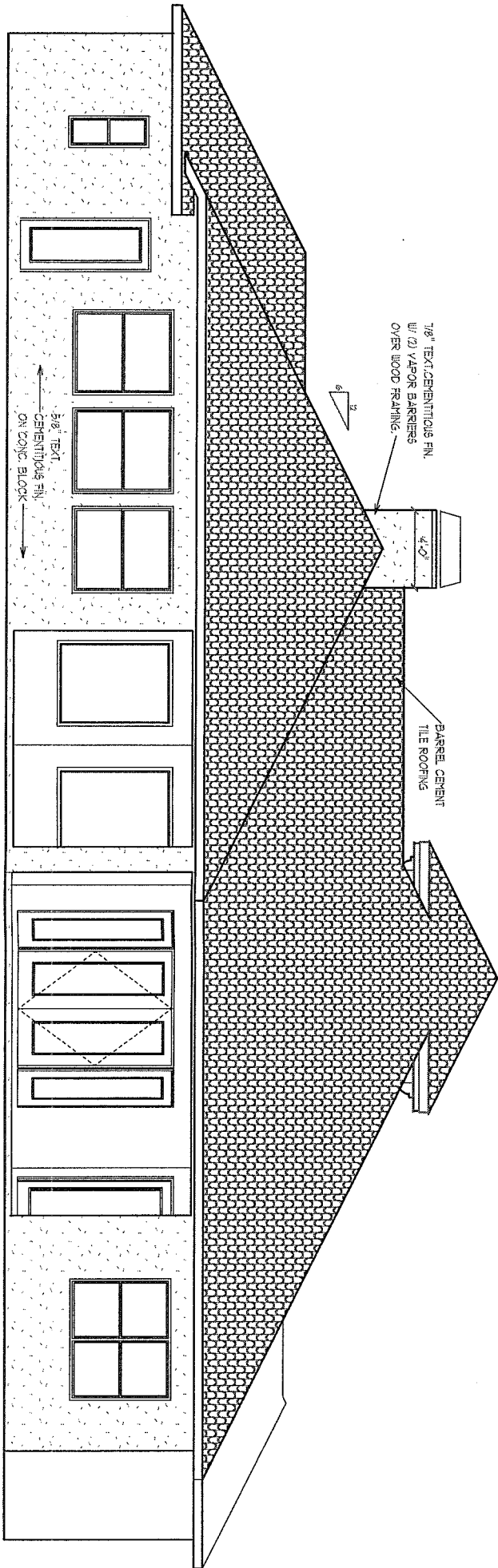
PLAN DATE
12-18-12
12-21-12
12-31-12
1-9-13

LOT 35 RENAISSANCE OAKS CLEARWATER, FL.

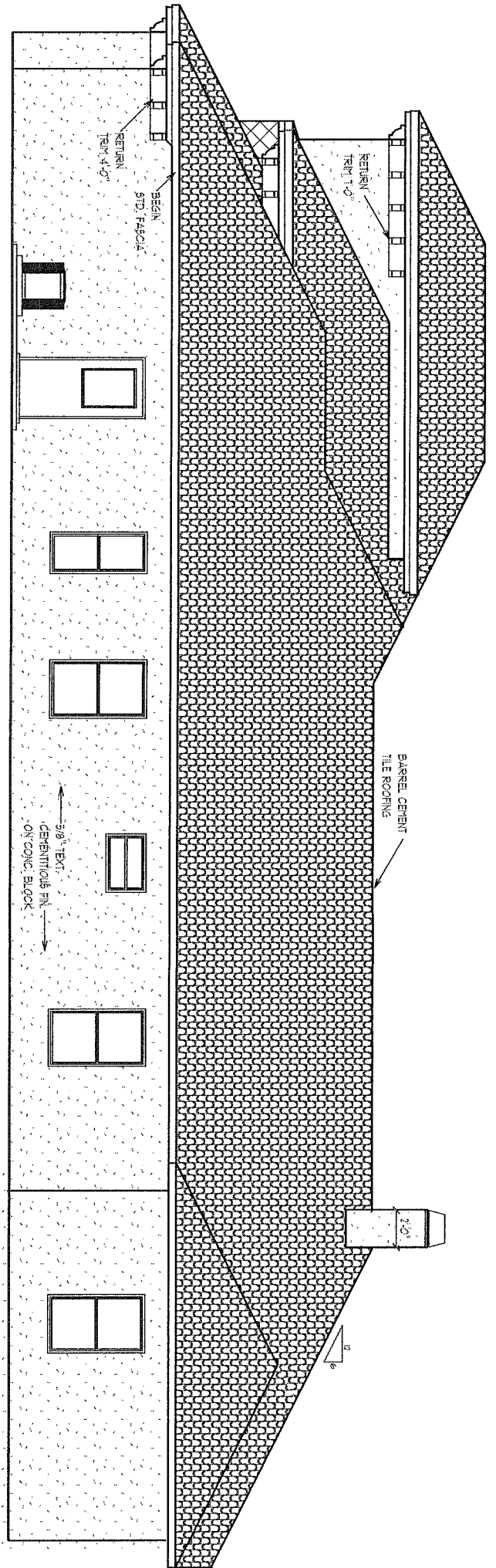
I HEREBY CERTIFY THAT I HAVE PERFORMED THE ATTACHED DESIGN TO COMPLY WITH 145 MPH ULTIMATE WIND LOADS AND IT IS IN COMPLIANCE WITH SECT. 301 OF THE 2010 FLORIDA RESIDENTIAL BUILDING CODE SEALED FOR CONTRACTOR USE ONLY.
 SIGNED: *Richard E. Allen*
 RICHARD E. ALLEN P.E. #56920

ALLEN ENGINEERING & CONSTRUCTION SERVICES
 RICH ALLEN PROFESSIONAL ENGINEER
 P.E. # 56920 C.A. # 9542
 P.O. BOX 351
 NEW PORT RICHEY, FL. 34656
 727-842-6100
 richallenpe@gmail.com

REAR ELEVATION



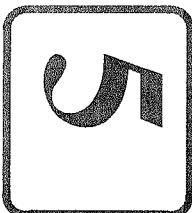
RIGHT SIDE ELEVATION



EXTERIOR ELEVATIONS

1/8" = 1' 0"

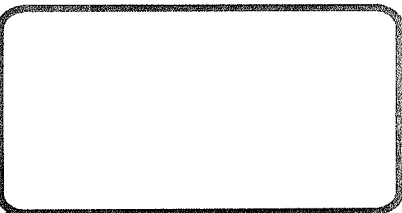
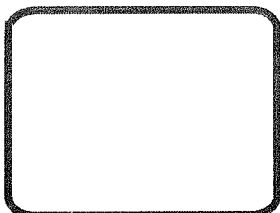
A.E.C.S. # 13002 ASPEN 3330



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

PLAN DATE
12-18-12
12-21-12
12-31-12
1-9-13

LOT 35
RENAISSANCE OAKS
CLEARWATER, FL.

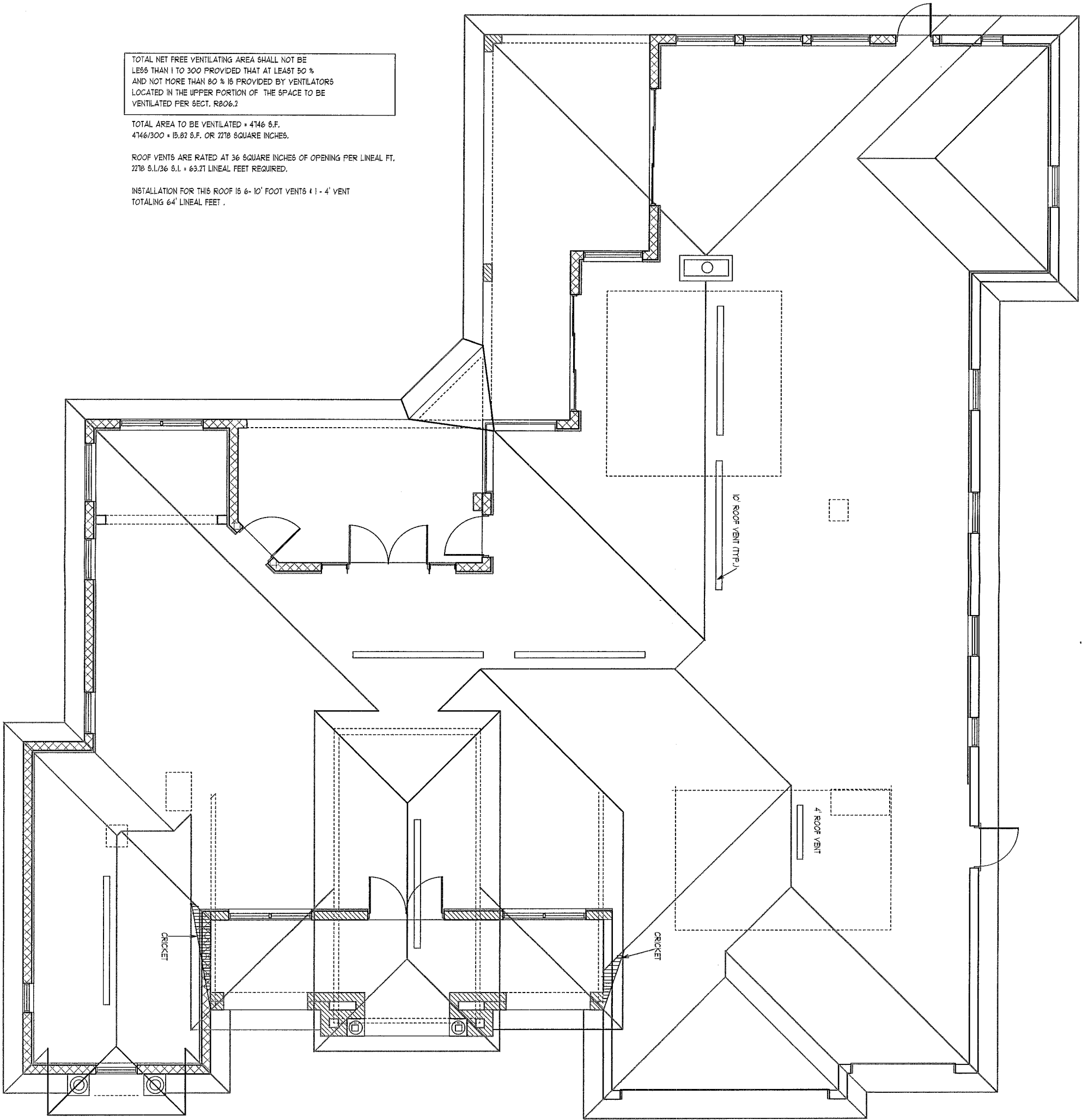


TOTAL NET FREE VENTILATING AREA SHALL NOT BE LESS THAN 1 TO 300 PROVIDED THAT AT LEAST 50 % AND NOT MORE THAN 80 % IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE SPACE TO BE VENTILATED PER SECT. R806.2

TOTAL AREA TO BE VENTILATED = 4146 S.F.
 $4146/300 = 13.82$ S.F. OR 2218 SQUARE INCHES.

ROOF VENTS ARE RATED AT 36 SQUARE INCHES OF OPENING PER LINEAL FT.
 $2218 \text{ S.F.} / 36 \text{ S.I.} = 61.61$ LINEAL FEET REQUIRED.

INSTALLATION FOR THIS ROOF IS 6'-10" FOOT VENTS + 1'-4" VENT
 TOTALING 64' LINEAL FEET.



ROOF PLAN

SCALE 1/8" = 1' 0"

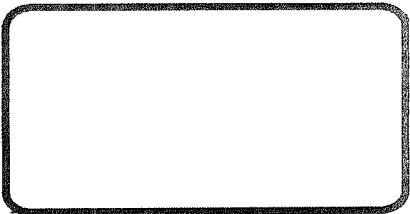
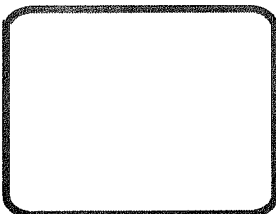
A.E.C.S. # 13002 **ASPEN 3330**



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

PLAN DATE
12-18-12
12-21-12
12-31-12
1-9-13

**LOT 35
 RENAISSANCE OAKS
 CLEARWATER, FL.**



NOTE: INSTALL MOISTURE BARRIER BETWEEN MASONRY & UNTREATED WOOD

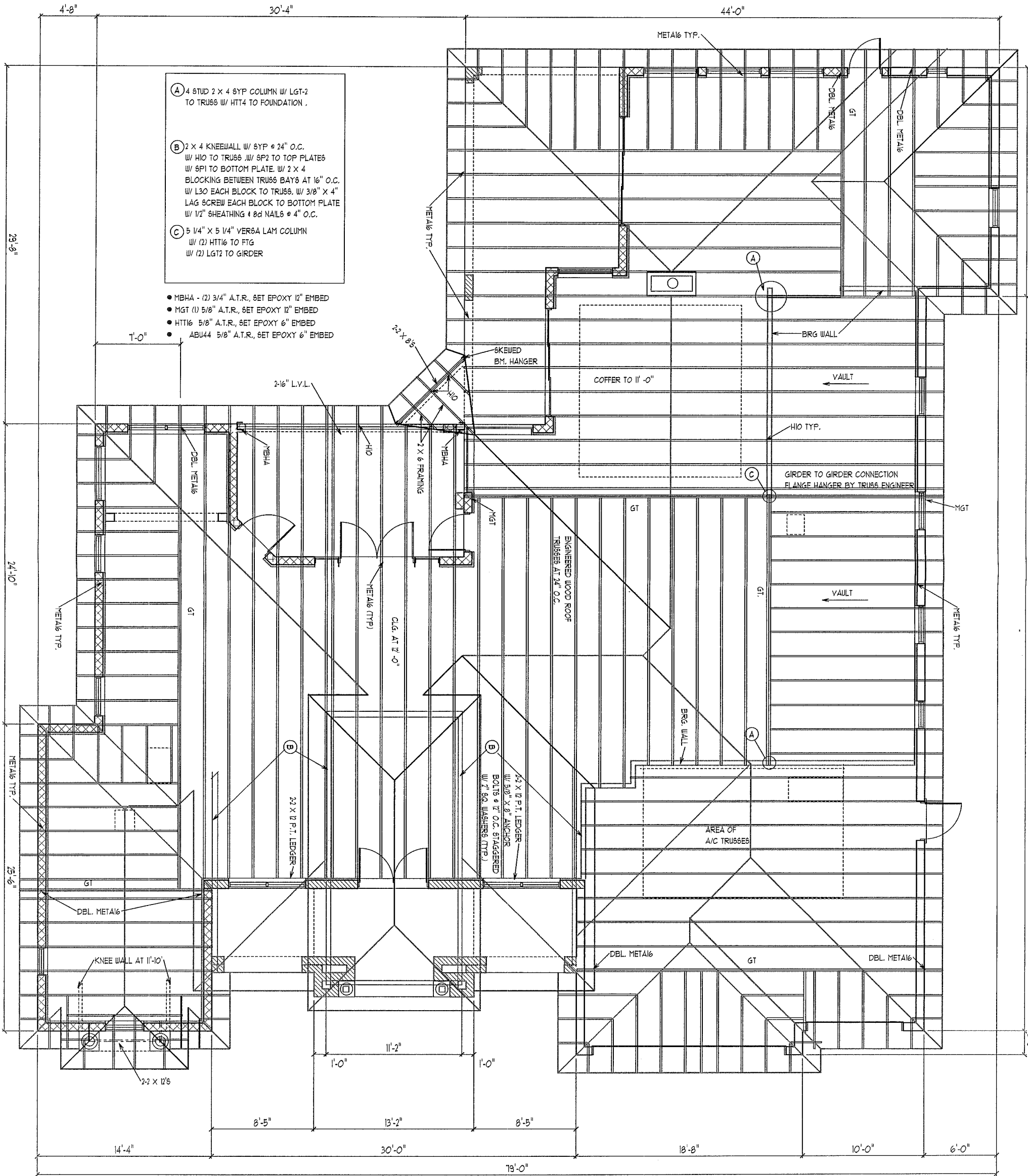
ALL TRUSSES TO TRUSS CONNECTORS BY TRUSS SYSTEMS ENGINEER AND TO BE SPECIFIED ON INDIVIDUAL SEALED TRUSS SHEETS

FASTENER NOTES

(1) FOR MGT USE 5/8" X 6" TITEN HD. CONC. BOLTS
 (2) FOR HGT-2, FOLLOW MFR'ER. INSTRUCTIONS FOR EMBEDDING BOLTS- MECH. BOLT CANNOT SATISFY CRITICAL SPACING.

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.



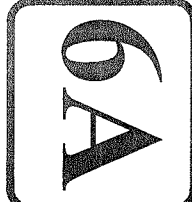
- (A) 4 STUD 2 X 4 SYP COLUMN W/ LGT-2 TO TRUSS W/ HTT4 TO FOUNDATION .
- (B) 2 X 4 KNEEWALL W/ SYP @ 24" O.C. W/ H10 TO TRUSS W/ SP2 TO TOP PLATE & W/ SP1 TO BOTTOM PLATE W/ 2 X 4 BLOCKING BETWEEN TRUSS BAYS AT 16" O.C. W/ L30 EACH BLOCK TO TRUSS. W/ 3/8" X 4" LAG SCREW EACH BLOCK TO BOTTOM PLATE W/ 1/2" SHEATHING & 8d NAIL @ 4" O.C.
- (C) 5 1/4" X 5 1/4" VERSA LAM COLUMN W/ (2) HTT6 TO FTG W/ (2) LGT2 TO GIRDER

- MBHA - (2) 3/4" A.T.R., SET EPOXY 12" EMBED
- MGT (1) 5/8" A.T.R., SET EPOXY 12" EMBED
- HTT6 5/8" A.T.R., SET EPOXY 6" EMBED
- ABU44 5/8" A.T.R., SET EPOXY 6" EMBED

TRUSS PLAN

SCLAE 1/8" = 1' 0"

A.E.C.S. # 13002 **ASPEN 3330**



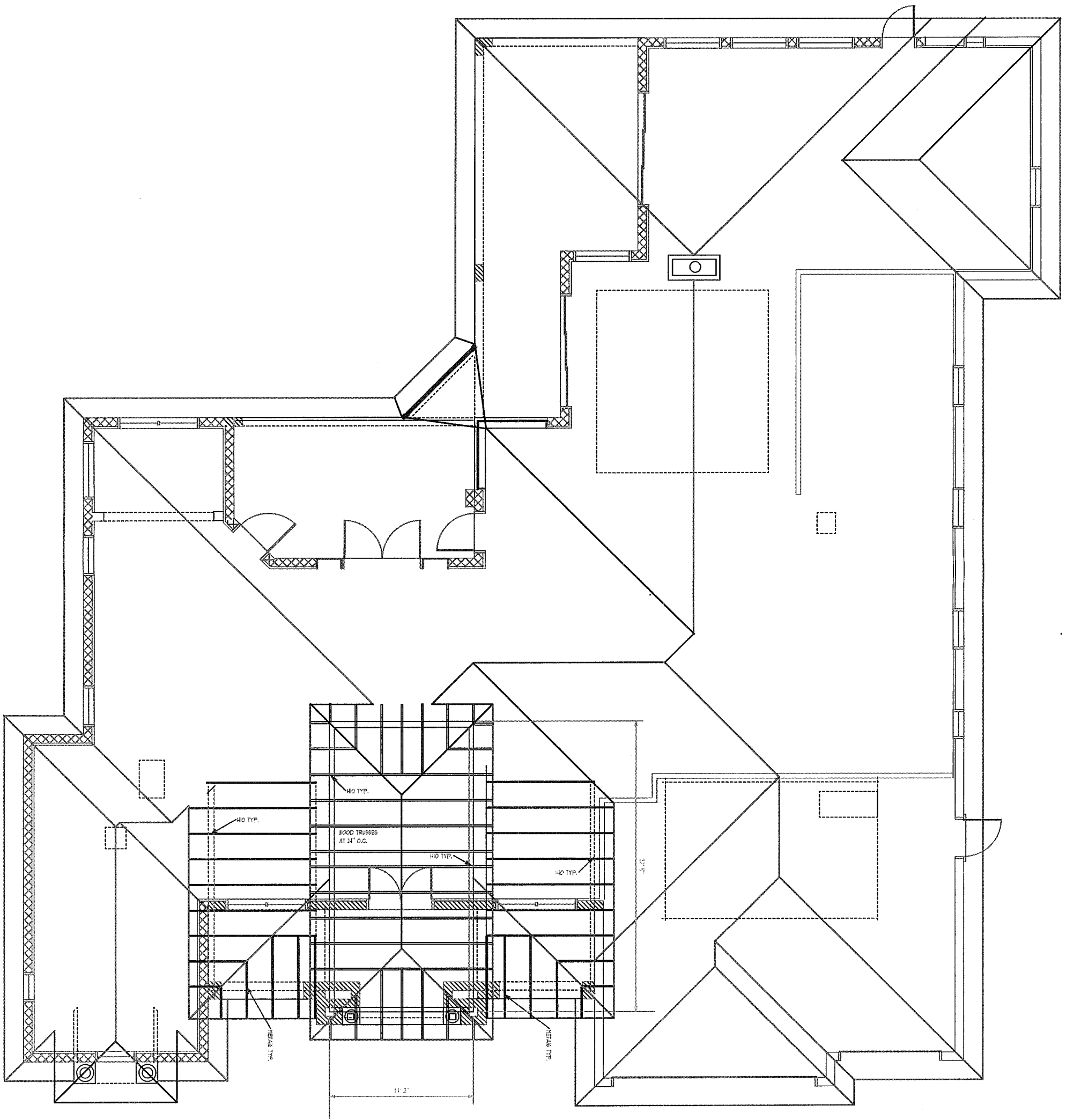
DEEB FAMILY HOMES, LTD.
 9400 RIVER CROSSING BLD.
 NEW PORT RICHEY, FL. 34655
 727-376-6831

PLAN DATE
12-18-12
12-21-12
12-31-12
1-9-13

LOT 35 RENAISSANCE OAKS CLEARWATER, FL.

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 2010 FLORIDA RESIDENTIAL BUILDING CODE SEALED FOR SIGNATURE ONLY
 SIGNED: *[Signature]*
 RICHARD ALLEN P.E. 050928

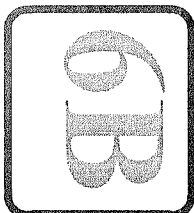
ALLEN ENGINEERING & CONSTRUCTION SERVICES
 RICH ALLEN PROFESSIONAL ENGINEER
 P.E. # 56920 C.A. # 9542
 P.O. BOX 351
 NEW PORT RICHEY, FL. 34656
 727-842-6100
 richallenpe@gmail.com



ENTRY TOWER TRUSS PLAN

SCLAE 1/8" = 1' 0"

A.E.C.S. # 00000 **ASPEN 3330**



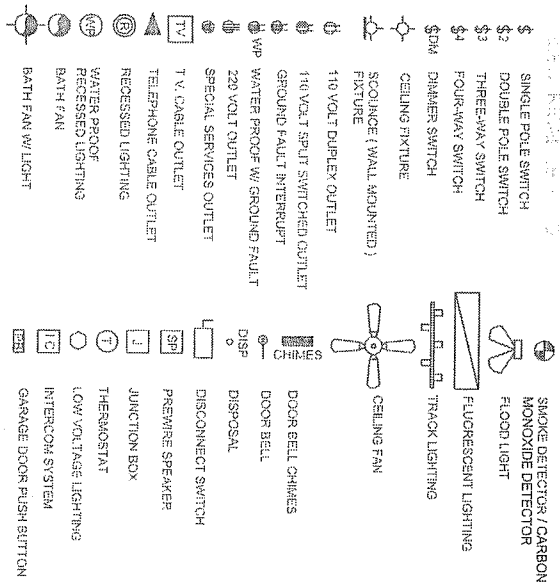
DEEB FAMILY HOMES, LTD.
 9400 RIVER CROSSING BLD.
 NEW PORT RICHEY, FL. 34655
 727-376-6831

PLAN DATE
12-18-12
12-21-12
12-31-12
1-9-13

**LOT 35
 RENAISSANCE OAKS
 CLEARWATER, FL.
 PINELLAS COUNTY**

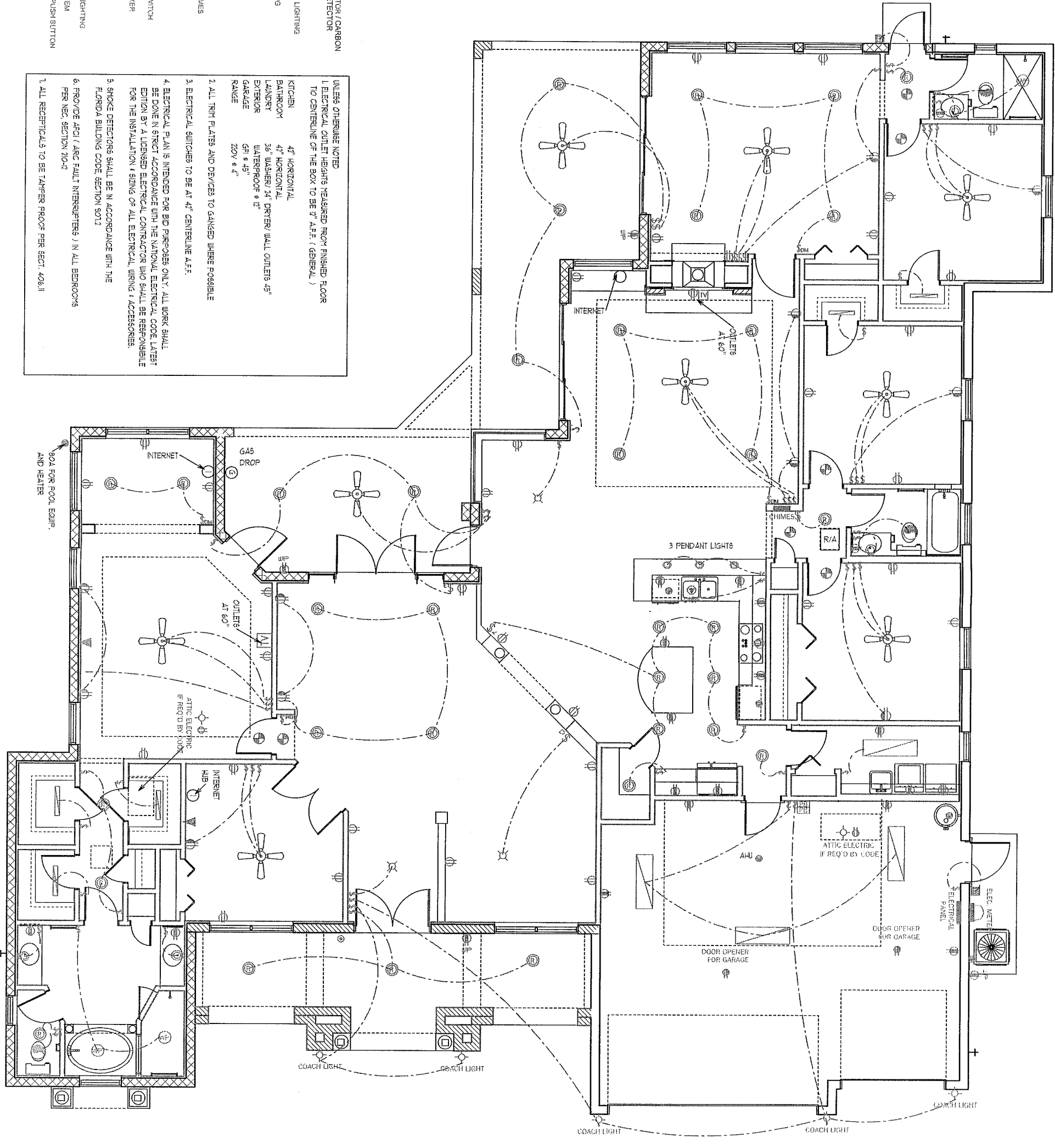
I HEREBY CERTIFY THAT I HAVE PERFORMED THE ATTACHED DESIGN TO COMPLY WITH 145 MPH ULTIMATE WIND LOADS AND IT IS IN COMPLIANCE WITH SECT. 301 OF THE 2010 FLORIDA RESIDENTIAL BUILDING CODE. SEALED FOR STRUCTURAL ONLY.
 SIGNED: *Richard Allen*
 RICHARD ALLEN P.E. #51220

ALLEN ENGINEERING & CONSTRUCTION SERVICES
 RICH ALLEN PROFESSIONAL ENGINEER
 P.E. # 56920 C.A. # 9542
 P.O. BOX 351
 NEW PORT RICHEY, FL. 34656
 727-842-6100
 richallenpe@gmail.com

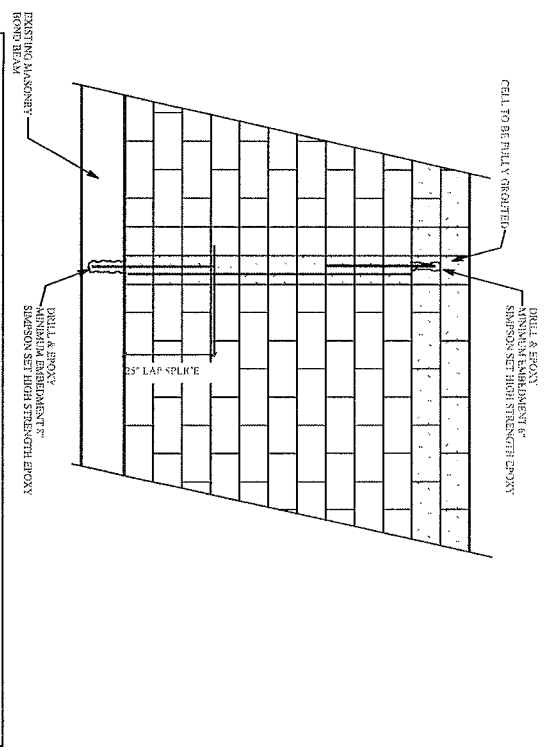


UNLESS OTHERWISE NOTED
 1. ELECTRICAL OUTLET HEIGHTS MEASURED FROM FINISHED FLOOR TO CENTERLINE OF THE BOX TO BE "X" A.F.F. (GENERAL)
 KITCHEN 4" HORIZONTAL
 BATHROOM 4" HORIZONTAL
 LAUNDRY 36" WASHER/ 24" DRYER/ WALL OUTLETS 45"
 EXTERIOR WATERPROOF * 12"
 GARAGE RANGE 220V * 4"

- ALL TRIM PLATES AND DEVICES TO GANGED WHERE POSSIBLE
- ELECTRICAL SWITCHES TO BE AT 47" CENTERLINE A.F.F.
- 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.
- SMOKE DETECTORS SHALL BE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE SECTION 901.2
- PROVIDE AFCI / ARC FAULT INTERRUPTERS () IN ALL BEDROOMS PER NEC SECTION 20.4.2
- ALL RECEPTACLS TO BE TAMPER PROOF PER SECT. 406.11



7	ELECTRICAL PLAN	SCALE 1/8" = 1' 0"	A.E.C.S. # 13002	ASPEN 3330
	DEEB FAMILY HOMES, LTD. 9400 RIVER CROSSING BLD. NEW PORT RICHEY, FL. 34655 727-376-6831	PLAN DATE 12-18-12 12-21-12 12-31-12 1-9-13	LOT 35 RENAISSANCE OAKS CLEARWATER, 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 5/8 BAR. INSTALL IN SLAB W/ 6" VERTICAL EMBEDMENT. USE EPOXY GROUT.

MISSING ANCHOR BOLTS AT BEARING WALL:

EXTERIOR BEARING WALL:

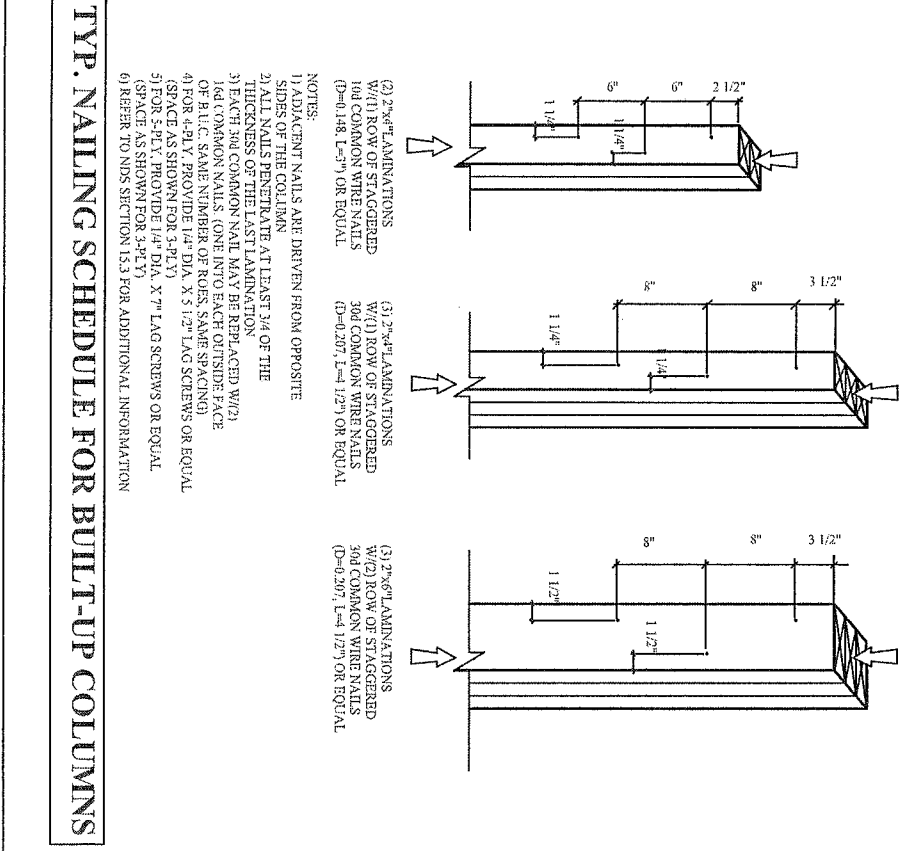
IN ADDITION TO THE GENERAL PLACEMENT REQUIREMENTS:

- 1) 3/4" DIAMETER 3 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 3 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



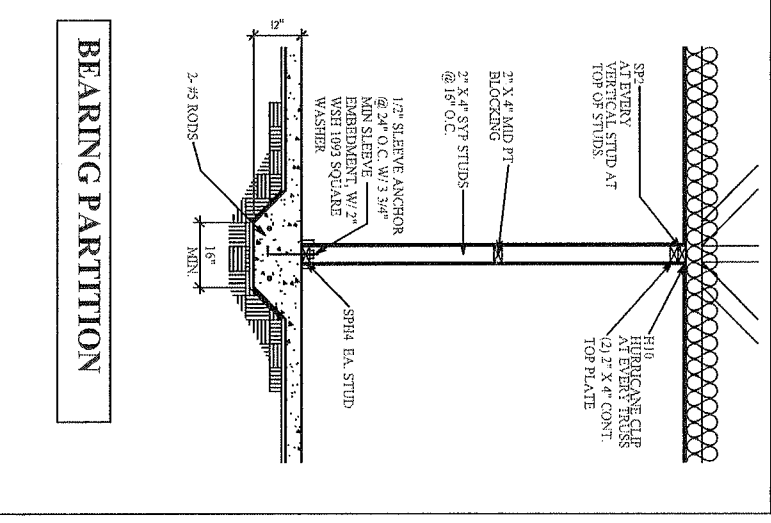
TYP. NAILING SCHEDULE FOR BUILT-UP COLUMNS

(2) 2"x4" LAMINATIONS
W/ (1) ROW OF STAGGERED
HD COMMON WIRE NAILS
(D=0.148, L=4") OR EQUAL

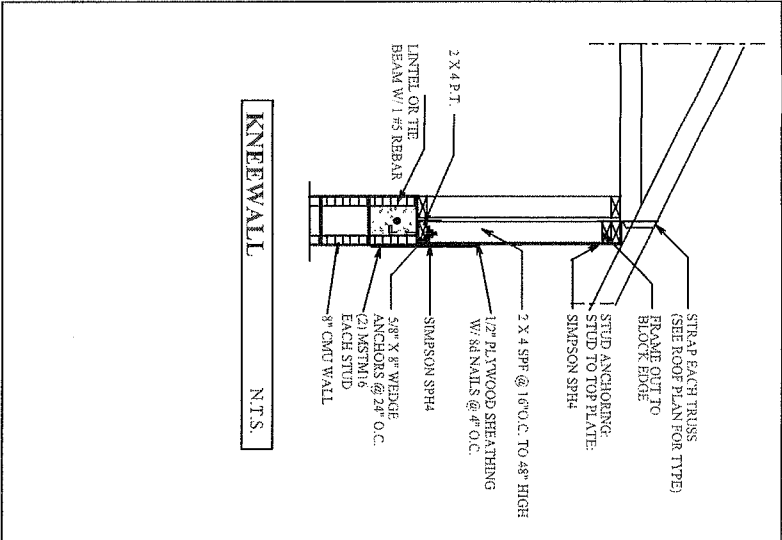
(3) 2"x4" LAMINATIONS
W/ (1) ROW OF STAGGERED
30d COMMON WIRE NAILS
(D=0.207, L=4 1/2") OR EQUAL

(3) 2"x6" LAMINATIONS
W/ (2) ROWS OF STAGGERED
30d COMMON WIRE NAILS
(D=0.207, L=4 1/2") OR EQUAL

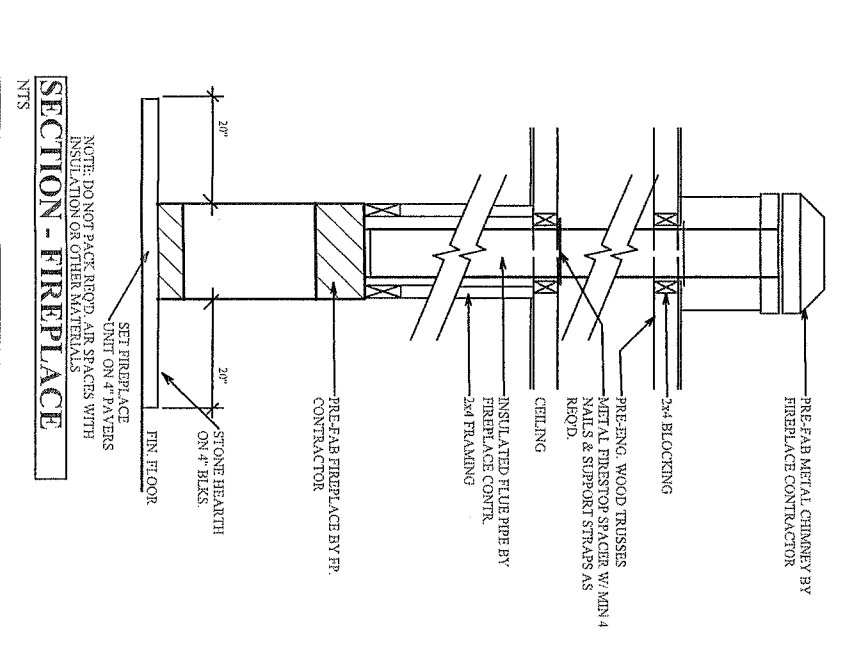
NOTES:
1) ADJACENT NAILS ARE DRIVEN FROM OPPOSITE SIDES OF THE COLUMN.
2) ALL NAILS PENETRATE AT LEAST 3/4" OF THE THICKNESS OF THE LAST LAMINATION.
3) EACH 3rd COMMON NAIL MAY BE REPLACED W/ (2) 16d COMMON NAILS, (ONE INTO EACH OUTSIDE FACE OF B.L.C. SAME NUMBER OF ROES, SAME SPACING).
4) FOR 4-PLY,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



BEARING PARTITION

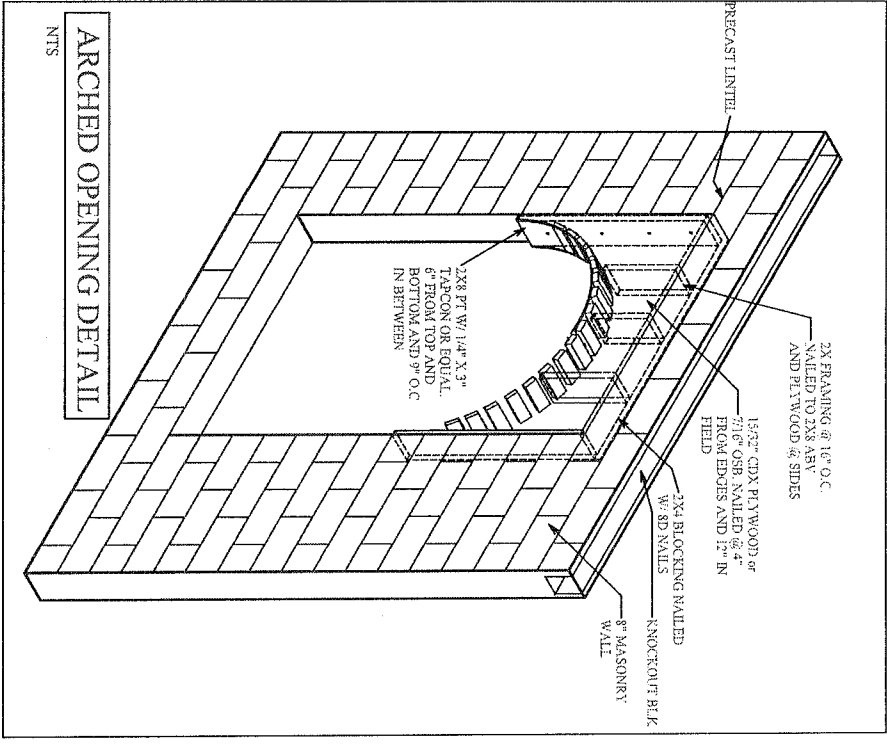


KNEEWALL

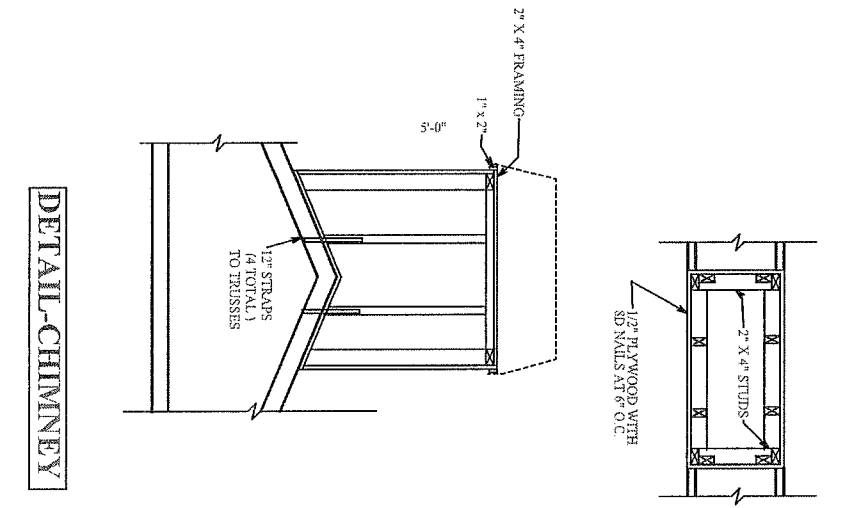


SECTION - FIREPLACE

NOTE: DO NOT PACK RIGID AIR SPACES WITH INSULATION OR OTHER MATERIALS.



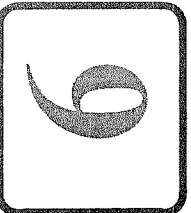
ARCHED OPENING DETAIL



DETAIL-CHIMNEY

CONSTRUCTION DETAILS

A.E.C.S. # 13002 ASPEN 3330



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

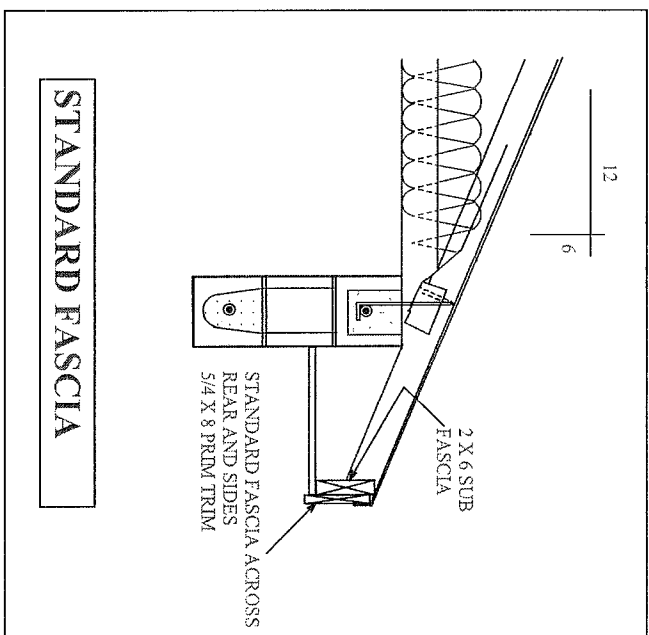
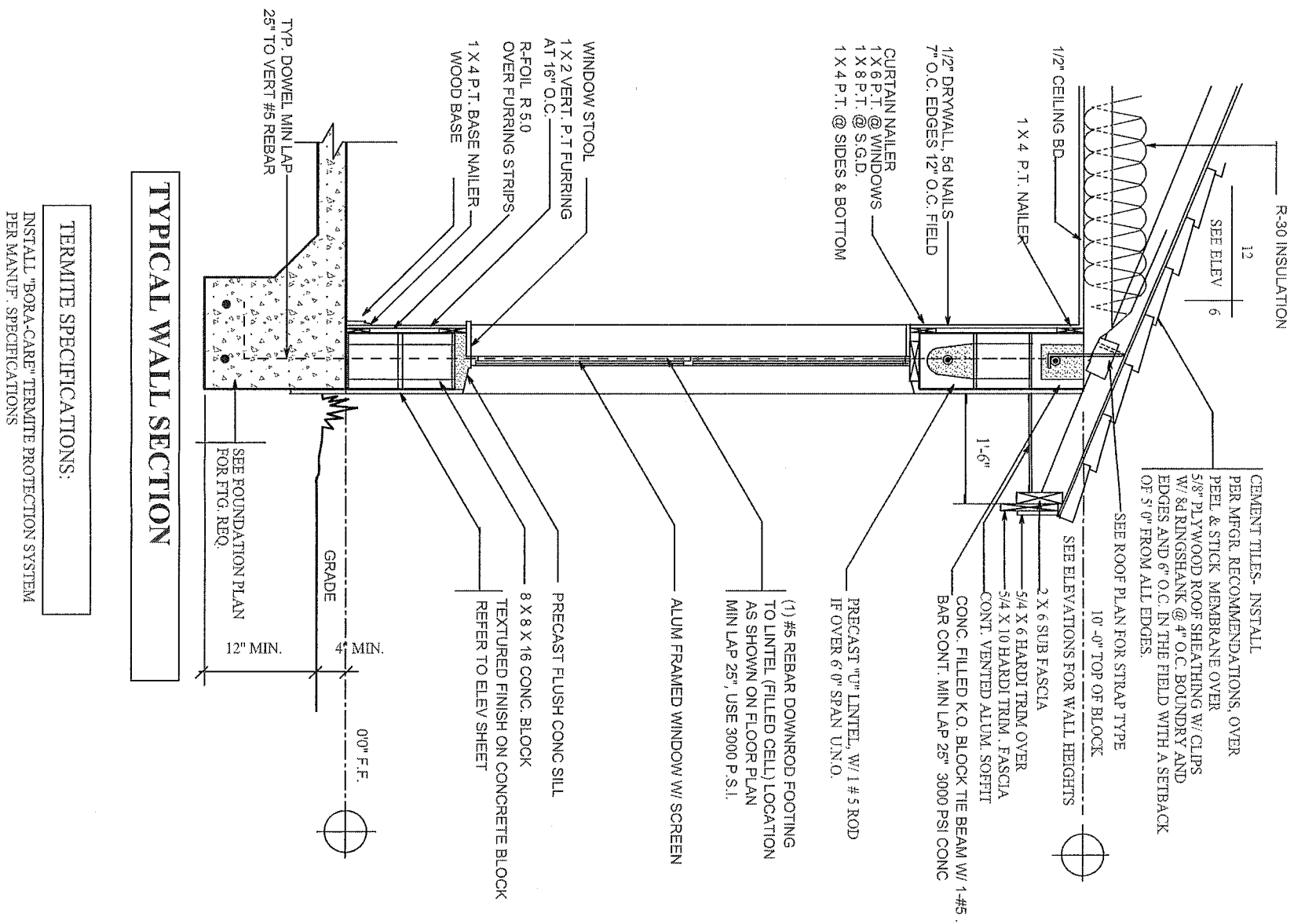
PLAN DATE
12-18-12
12-21-12
12-31-12
1-9-13

LOT 35 RENAISSANCE OAKS CLEARWATER, FL.

I HEREBY CERTIFY THAT I HAVE PERFORMED THE ATTACHED DESIGN TO COMPANY WITH ALL NECESSARY WIND LOADS AND TIES IN COMPLIANCE WITH SECT. 301 OF THE 2010 FLORIDA RESIDENTIAL BUILDING CODE SEALED FOR YOUR USE ONLY.

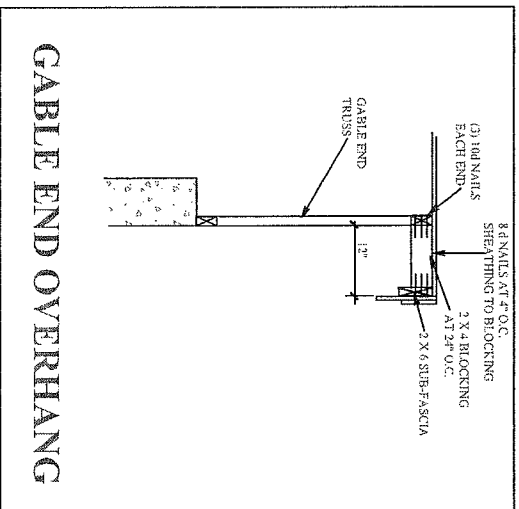
SIGNED: *[Signature]*
RICHARD J. ALLEN P.E. #56920

ALLEN ENGINEERING & CONSTRUCTION SERVICES
RICH ALLEN PROFESSIONAL ENGINEER
P.E. # 56920 C.A. # 9542
P.O. BOX 351
NEW PORT RICHEY, FL. 34656
727-842-6100
richallenpe@gmail.com

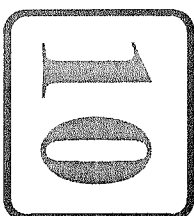


CONNECTOR TABLE

SIMPSON	FLORIDA PRODUCT NUMBERS PER INDEX 2-25-2011
NBH43 5011.88	10956.12
H2	10455.10
H6	10455.16
H10	10455.22
H14	11470.6
LG12	11470.7
LG14	11470.8
LG16	10832.4
LG18	10832.4
LG20	10455.41
SP1	10455.42
SP2	10455.22
HTS20	10456.11
HTS16	11473.17
META16	10446.11
L30	11473.18
ASTAR24	11473.19
ASTAR36	11473.19
ASTAR60	11473.19
CS16	10822.1
SFH4	10459.46
SPH6	10458.47
HT74	11456.2
HTTS	11456.2
ABU66	10849.8



CONSTRUCTION DETAILS



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

PLAN DATE

12-18-12
12-21-12
12-31-12
1-9-13

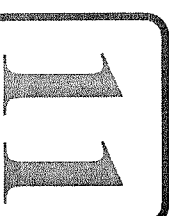
LOT 35 RENAISSANCE OAKS CLEARWATER, FL.

I HEREBY CERTIFY THAT I HAVE PERFORMED THE ATTACHED DESIGN TO COMPLY WITH ALL FLORIDA WIND LOADS AND IT IS IN COMPLIANCE WITH SECT. 301 OF THE 2010 FLORIDA RESIDENTIAL BUILDING CODE SEALED FOR S.M. ALLEN P.E. ONLY
 SIGNED: RICHARD ALLEN P.E. #56920
 RICHARD ALLEN P.E. #56920

ALLEN ENGINEERING & CONSTRUCTION SERVICES
 RICH ALLEN PROFESSIONAL ENGINEER
 P.E. # 56920 C.A. # 9542
 P.O. BOX 351
 NEW PORT RICHEY, FL. 34656
 727-842-6100
 richallenpe@gmail.com

<p>8" THICKENED SLAB J</p> <p>12" 12" 4" 2 # 5 REBARS CONT.</p>	<p>12" THICKENED SLAB K</p> <p>12" 12" 4" 2 # 5 REBARS CONT.</p>
<p>BEARING GARAGE STEP I</p> <p>8" SHINGLE 10" TILE 1-4" 4" 1-8" 2 # 5 REBARS</p>	<p>INTERIOR BEARING FTG. H</p> <p>4" 1-4" SHINGLE 1-8" TILE 4" 2 # 5 REBARS CONT.</p>
<p>NON-BRG. GARAGE STEP F</p> <p>10" 1-4" SHINGLE 1-8" TILE 4" 2 # 5 REBARS</p>	<p>EXTERIOR POCKET S.G.D. E</p> <p>1-4" 4" 1-8" SHINGLE 1-8" TILE 2 # 5 REBARS CONT.</p>
<p>GARAGE DOOR RECESS C</p> <p>1-8" 1-4" SHINGLE 1-8" TILE 4" 1-8" 1/2" EXPANSION JOINT DRIVEWAY SLAB GARAGE DOOR</p>	<p>EXTERIOR DOOR RECESS B</p> <p>1-8" 1-4" SHINGLE 1-8" TILE 4" 1-8" 2 # 5 REBARS CONT.</p>
<p>SHOWER RECESS G</p> <p>1-8" 1-4" SHINGLE 1-8" TILE 4" 5 1/2" 8" 2 # 5 REBARS CONT.</p>	<p>SLIDING GLASS DR. RECESS D</p> <p>1-8" 1-4" SHINGLE 1-8" TILE 4" 5 1/2" FOR 2 PANELS 7" FOR 3 PANELS 9" FOR 4 PANELS</p>
<p>TYPICAL ONE STORY A</p> <p>1-8" 1-4" SHINGLE 1-8" TILE 4" 1-8" 2 # 5 REBARS CONT.</p>	<p>EXTERIOR DOOR RECESS B</p> <p>1-8" 1-4" SHINGLE 1-8" TILE 4" 1-8" 2 # 5 REBARS CONT.</p>

FOOTING DETAILS



DEEB FAMILY HOMES, LTD.

9400 RIVER CROSSING BLD.
NEW PORT RICHEY, FL. 34655
727-376-6831

PLAN DATE

12-18-12
12-21-12
12-31-12
1-9-13

LOT 35 RENAISSANCE OAKS CLEARWATER, FL.

A.E.C.S. # 13002

ASPEN 3330

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. 901 OF THE 2010 FLORIDA RESIDENTIAL BUILDING CODE. SEALED FOR YOUR RECORD ONLY.
SIGNED: *[Signature]*
RICHARD ALLEN P.E. #56920

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

P.O. BOX 351
NEW PORT RICHEY, FL. 34656
727-842-6100
richallenpe@gmail.com