

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:

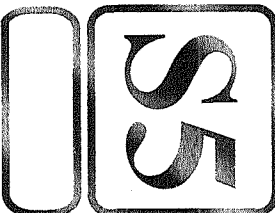
1. FLORIDA RESIDENTIAL BUILDING CODE 2007 EDITION WITH 2009 SUPPLEMENT, ASCE 7-05
2. BASIC DESIGN WIND SPEED: 123 MPH
3. WIND IMPORTANCE FACTOR: 1.0
4. BUILDING CATEGORY: II
5. WIND EXPOSURE: B= 1.0
6. INTERNAL PRESSURE COEFFICIENT: +/- .18 ENCLOSED
7. WIND BORNE DEBRIS ZONE - SHUTTERS REQUIRED
8. COMPONENTS 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

A.E.C.S. # 11039

ASPEN-I-3048



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

PLAN DATE
3-30-11
4-6-11
4-12-11

INVENTORY
 LOT 2
 KEYSTONE SPRINGS
 PINELLAS COUNTY

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. PREPARED 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

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.

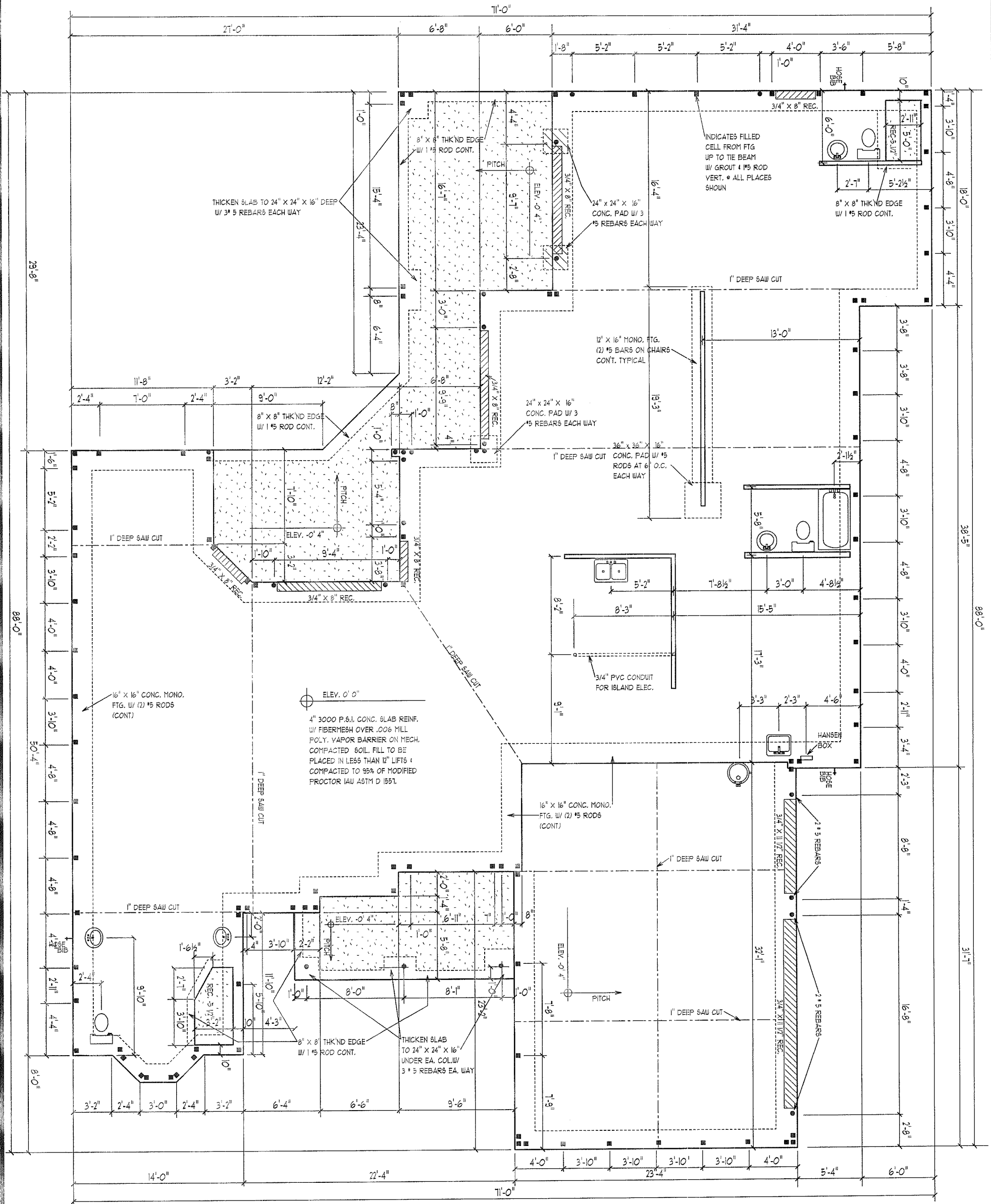
SYNTHETIC FIBER REINFORCEMENT
 IN CONCRETE FOR SLAB-ON GRADE
 SHALL COMPLY WITH FBC SECT. 1911.2
 (EXCEPTION 1)

- 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.

NO SOILS INFORMATION PROVIDED
 PRESUMPTIVE ALLOWABLE SOIL BEARING
 CAPACITY IS 2000 PSF

TERMITE SPECIFICATIONS:

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

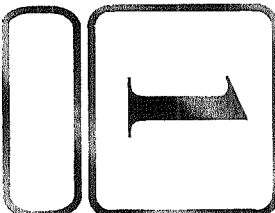


FOUNDATION PLAN

SCALE 1/8" = 1' 0"

A.E.C.S. # 11039

ASPEN-I-3048



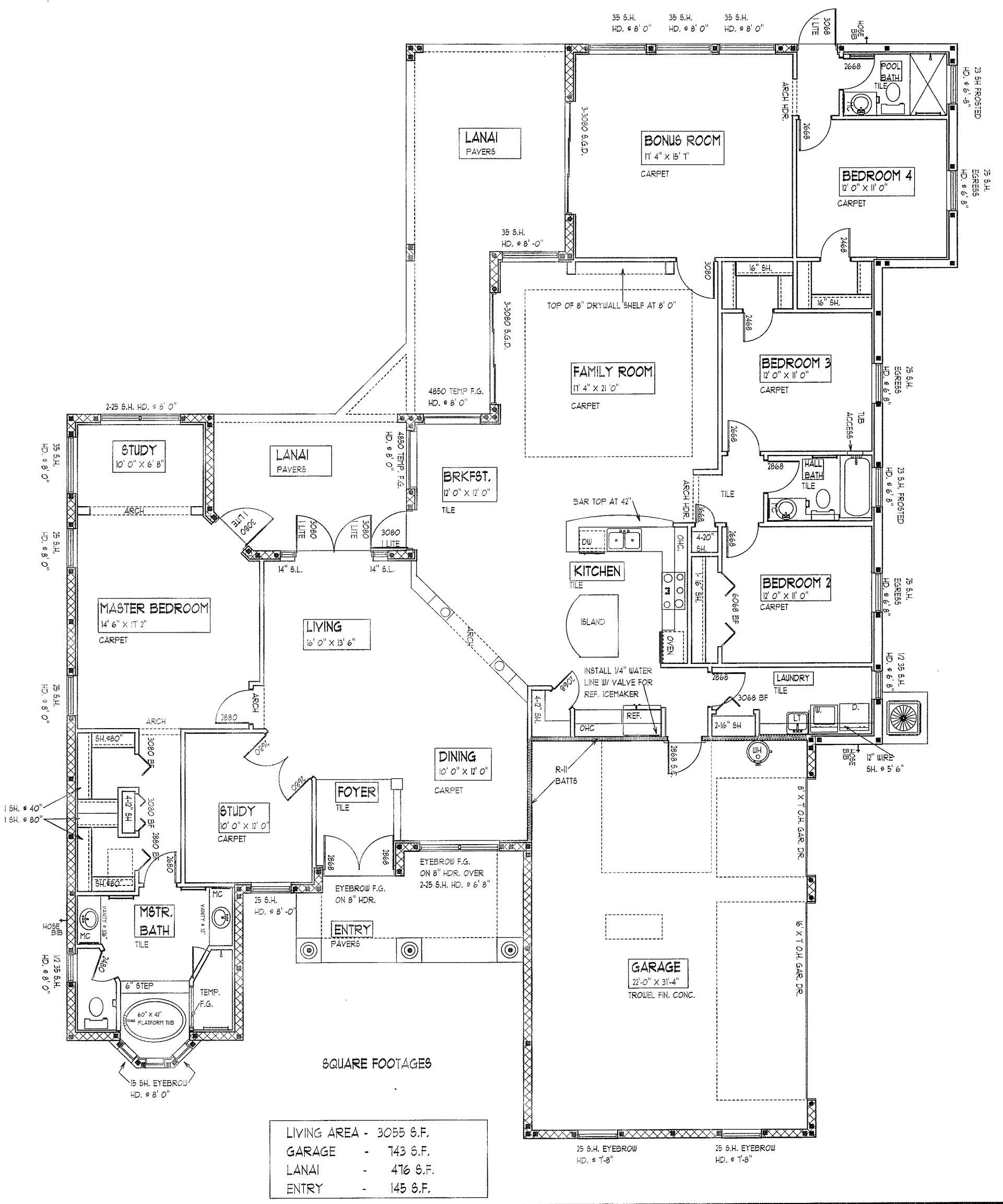
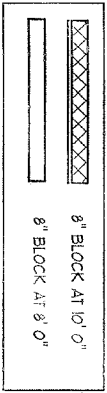
**DEEB FAMILY
 HOMES, LTD.**
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 NEW PORT RICHEY, FL. 34655
 727-376-6831

PLAN DATE
3-30-11
4-6-11
4-12-11

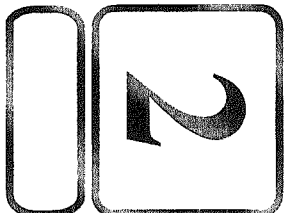
INVENTORY
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 PINELLAS COUNTY

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 SUPPLEMENTS SEALED FOR STRUCTURE
 ONLY
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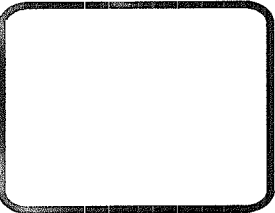
FLOOR PLAN NOTES SCALE 1/8" = 1' 0" A.E.C.S. # 11039 **ASPEN-I-3048**

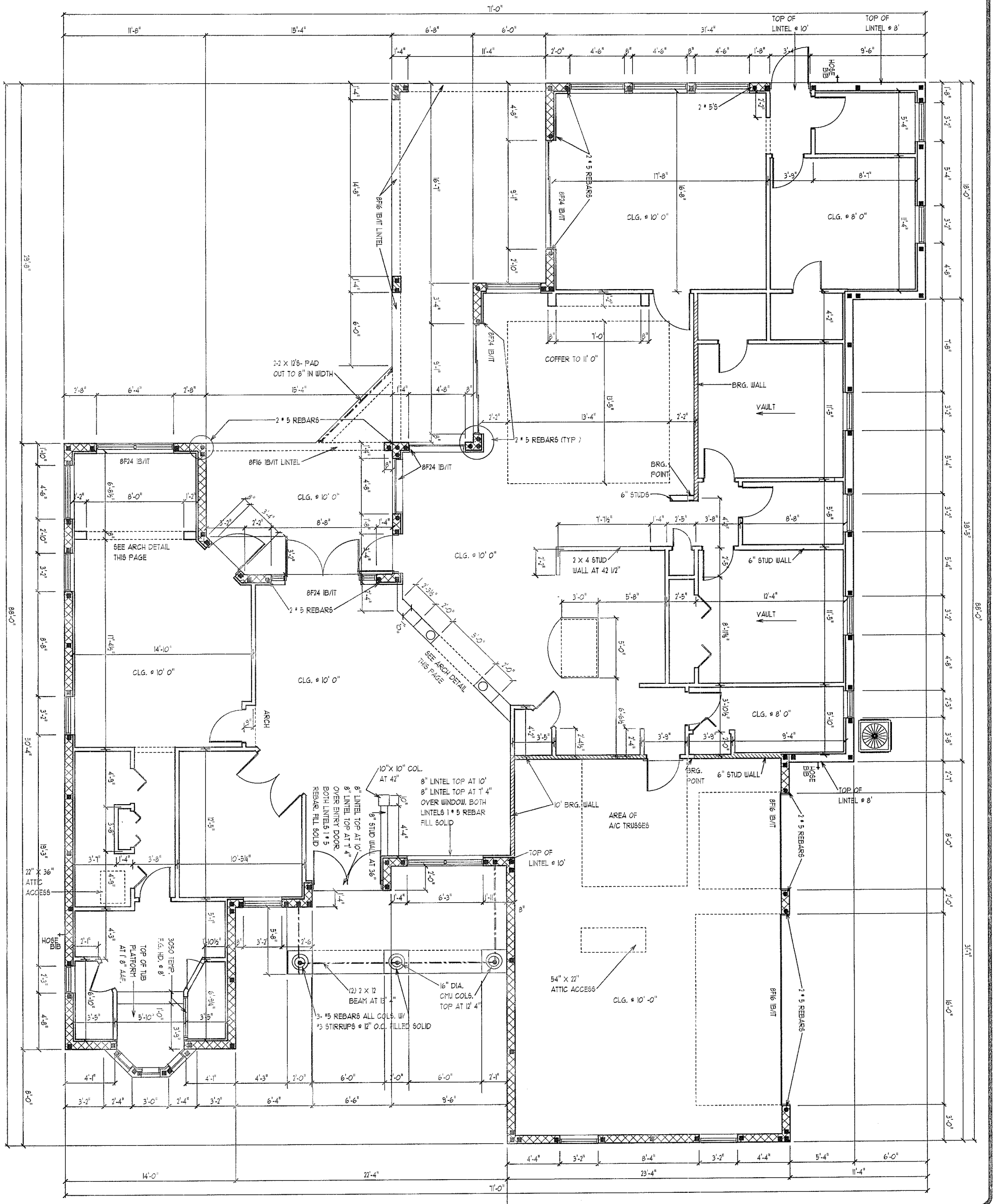
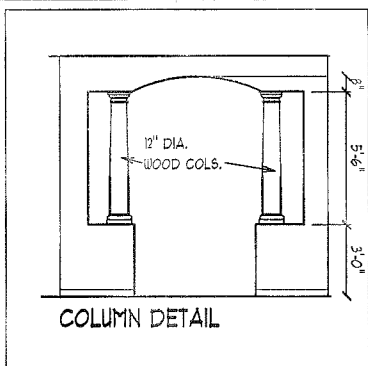
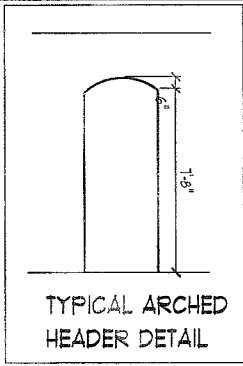
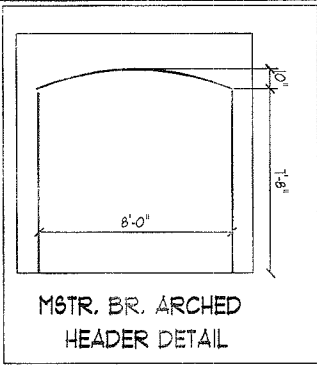


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INVENTORY
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DIMENSION PLAN

SCALE 1/8" = 1' 0"

A.E.C.S. # 11039

ASPEN-I-3048



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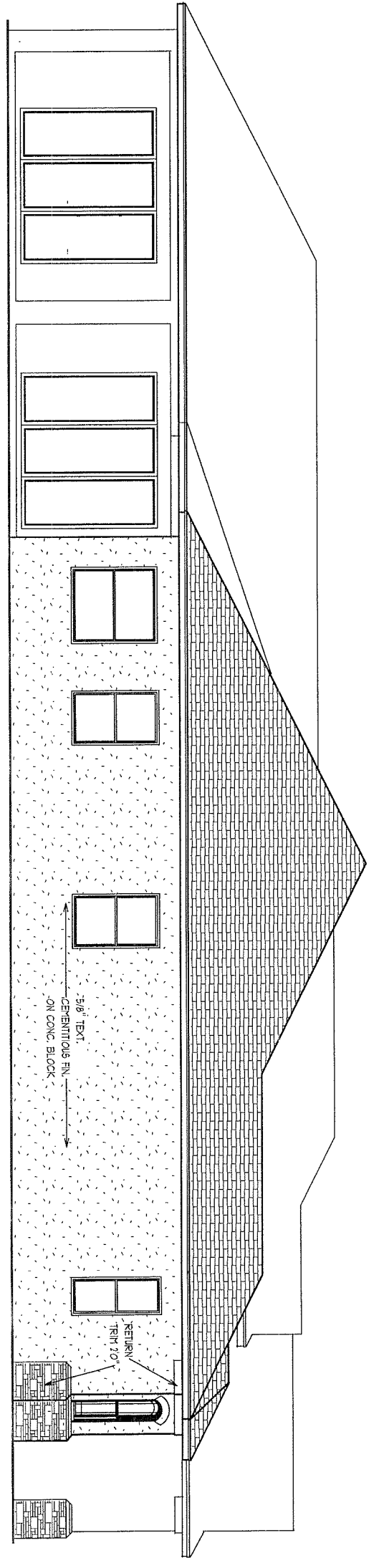
INVENTORY

LOT 2
KEYSTONE SPRINGS
PINELLAS COUNTY

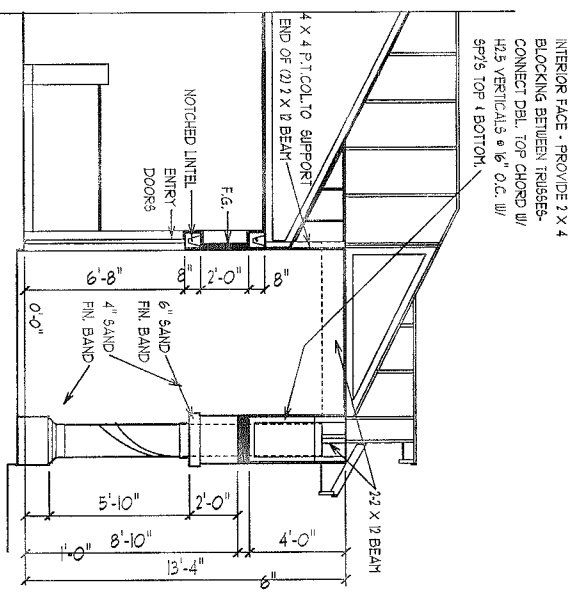
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RESIDENTIAL BUILDING CODE W/ 2009
SUPPLEMENTS AS ADOPTED FOR STRUCTURE
ONLY
SIGNED: *[Signature]* 4/13/11
RICHARD E. ALLEN P.E. #56920

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

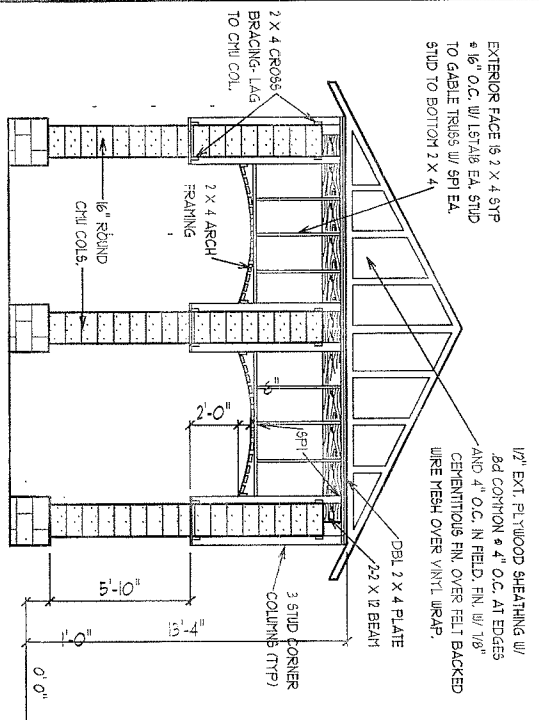
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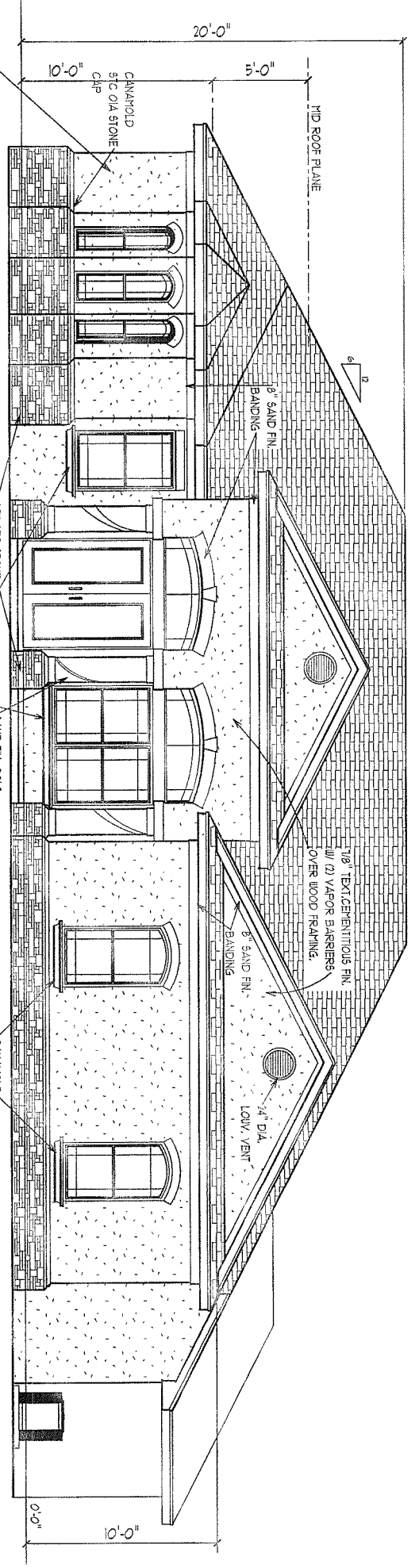
LEFT SIDE ELEVATION



SECTION THRU ENTRY



ENTRY FRAMING



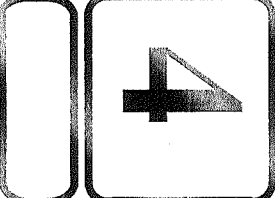
FRONT ELEVATION

EXTERIOR ELEVATIONS -A2

1/8" = 1' 0"

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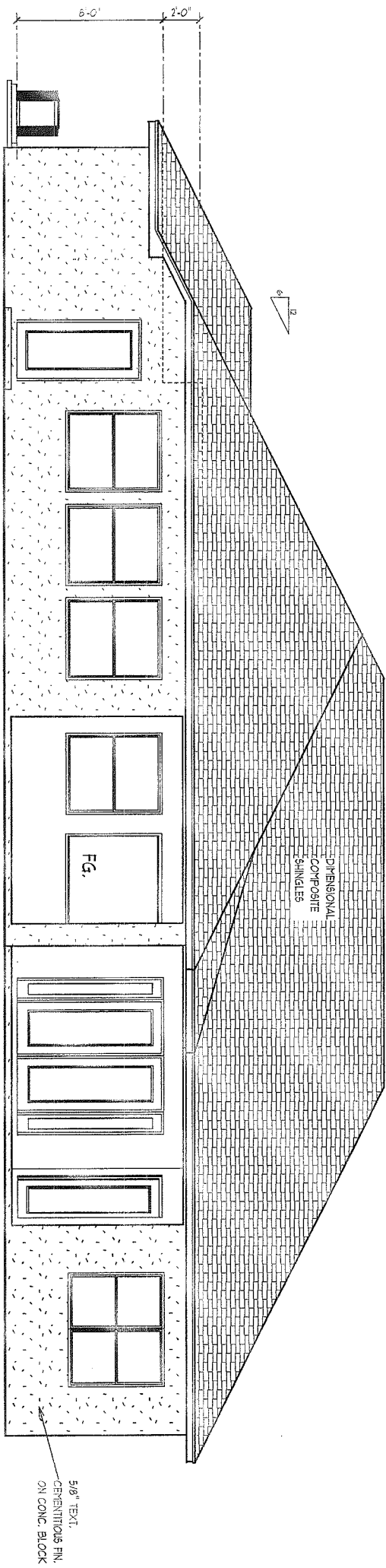
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INVENTORY
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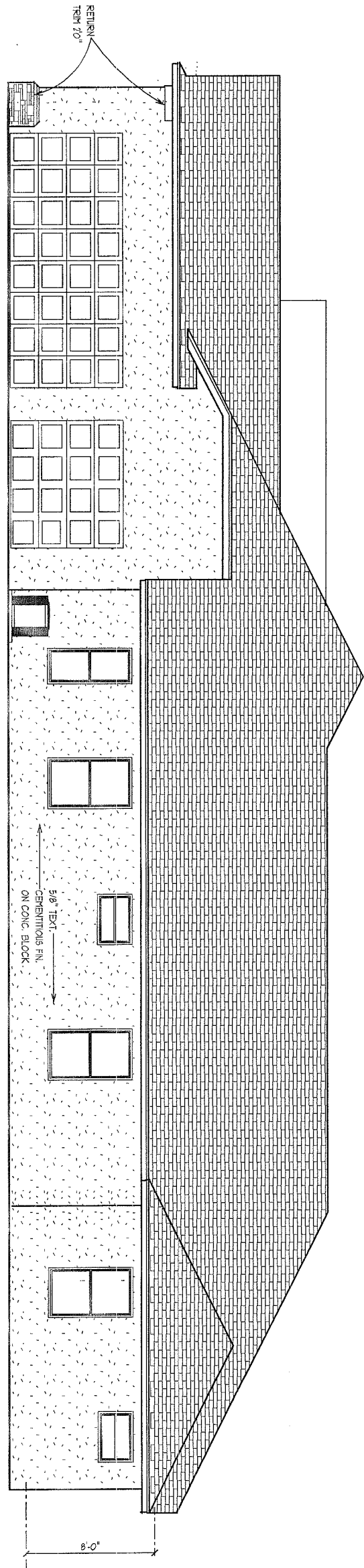
I HEREBY CERTIFY THAT I HAVE PERFORMED THE ATTACHED DESIGN TO COMPLY WITH THE MINIMUM DESIGN LOADS AND IT IS IN COMPLIANCE WITH SECT. 301 OF THE 2007 FLORIDA RESIDENTIAL BUILDING CODE W/ 2009 SUPPLEMENT, SEALED FOR STRUCTURE ONLY.
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REAR ELEVATION



RIGHT SIDE ELEVATION

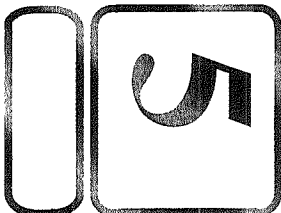


EXTERIOR ELEVATIONS -A1

1/8" = 1' 0"

A.E.C.S. # 11039

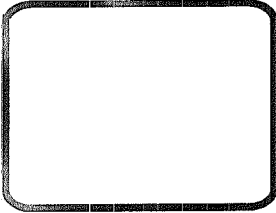
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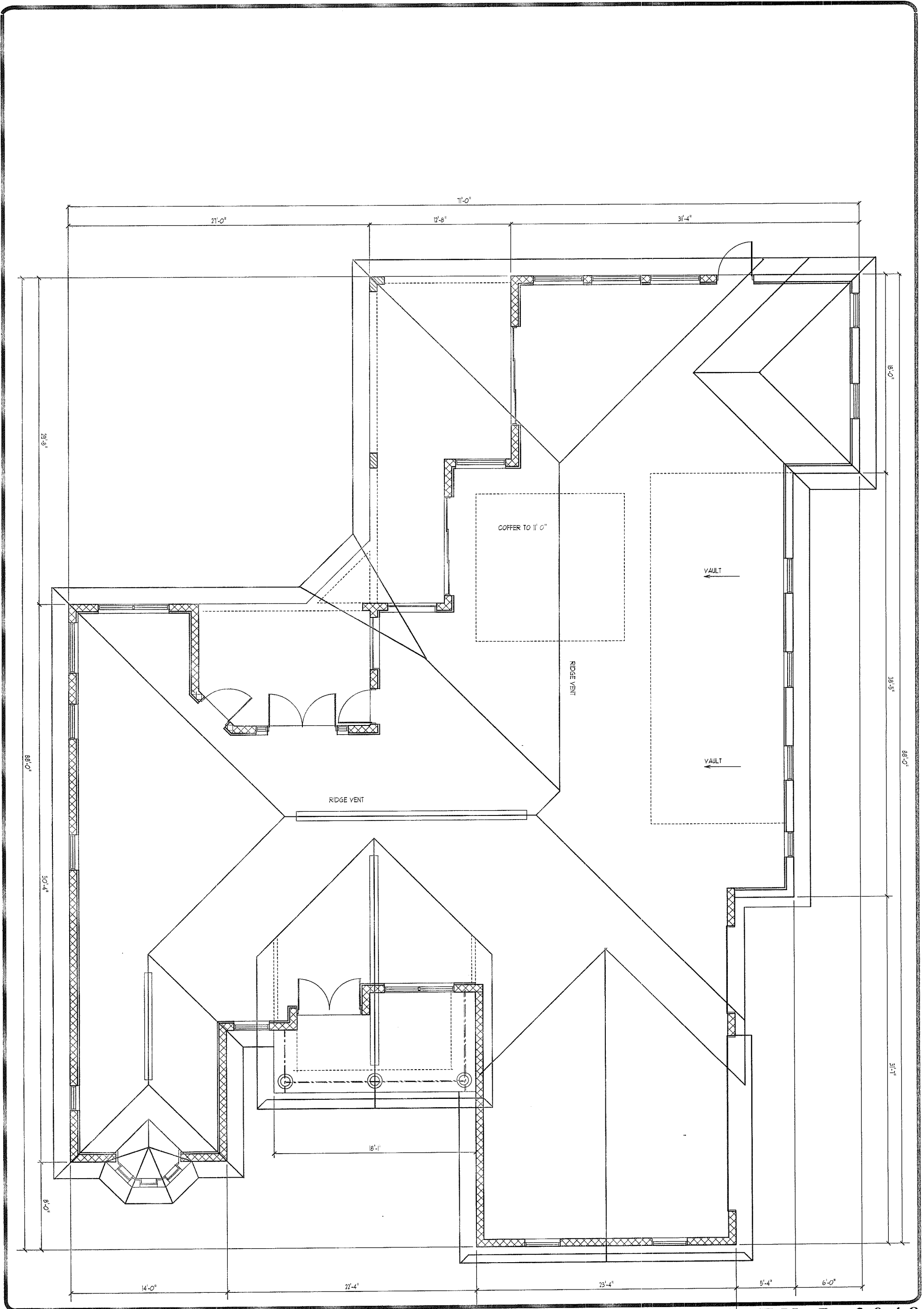


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3-30-11
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INVENTORY
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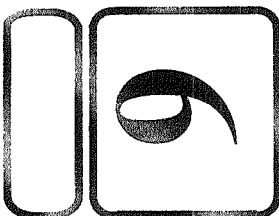


ROOF PLAN- A2

SCALE 1/8" = 1' 0"

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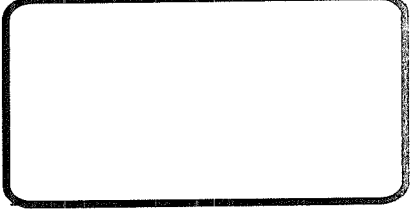
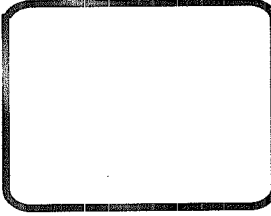
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NOTE: INSTALL MOISTURE BARRIER BETWEEN MASONRY & UNTREATED WOOD

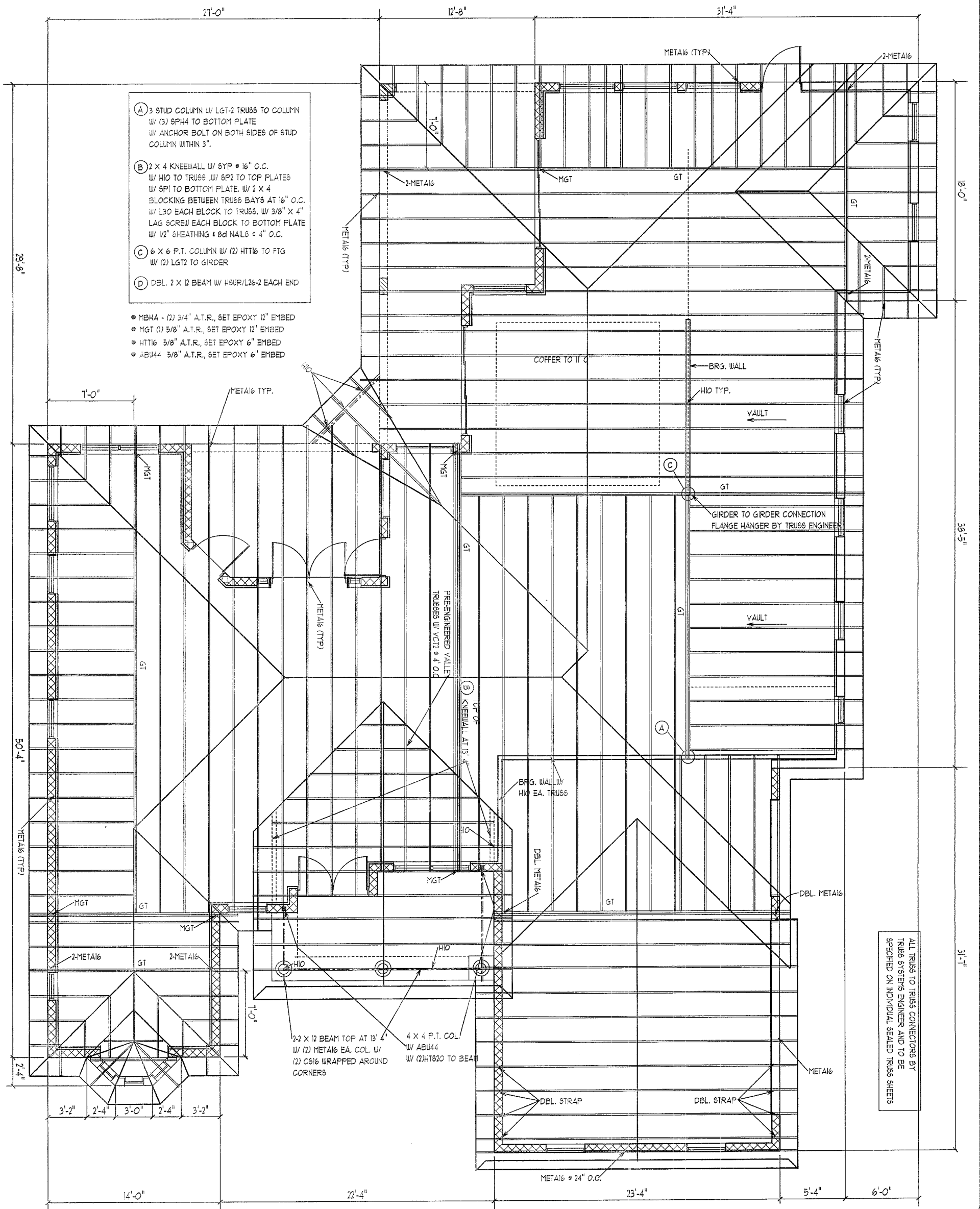
ATTIC VENTILATION:
PROVIDE 50 % OF 1/150 th
ATTIC AREA AT RIDGE,
REMAINDER AT SOFFIT

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) 3 STUD COLUMN W/ LGT-2 TRUSS TO COLUMN
W/ (3) 5/8" A.T.R. SET EPOXY 12" EMBED
W/ ANCHOR BOLT ON BOTH SIDES OF STUD
COLUMN WITHIN 3"
- (B) 2 X 4 KNEEWALL W/ 6" P.2 TO TOP PLATE
W/ 6" P.1 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 NAILS @ 4" O.C.
- (C) 6 X 6 P.T. COLUMN W/ (2) HTT16 TO FTG
W/ (2) LGT2 TO GIRDER
- (D) DBL. 2 X 12 BEAM W/ H8UR/L26-2 EACH END

- MBHA - (2) 3/4" A.T.R., SET EPOXY 12" EMBED
- MGT (1) 5/8" A.T.R., SET EPOXY 12" EMBED
- HTT16 5/8" A.T.R., SET EPOXY 6" EMBED
- ABU44 5/8" A.T.R., SET EPOXY 6" EMBED

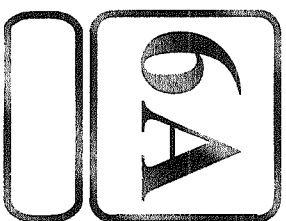
ALL TRUSS TO TRUSS CONNECTORS BY
TRUSS SYSTEMS ENGINEER AND TO BE
SPECIFIED ON INDIVIDUAL SEALED TRUSS SHEETS

TRUSS PLAN - A2

SCALE 1/8" = 1' 0"

A.E.C.S. # 11039

ASPEN-I-3048



**DEEB FAMILY
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PLAN DATE
3-30-11
4-12-11

INVENTORY
LOT 2
KEYSTONE SPRINGS
PINELLAS COUNTY

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SIGNED *[Signature]* 9/13/14
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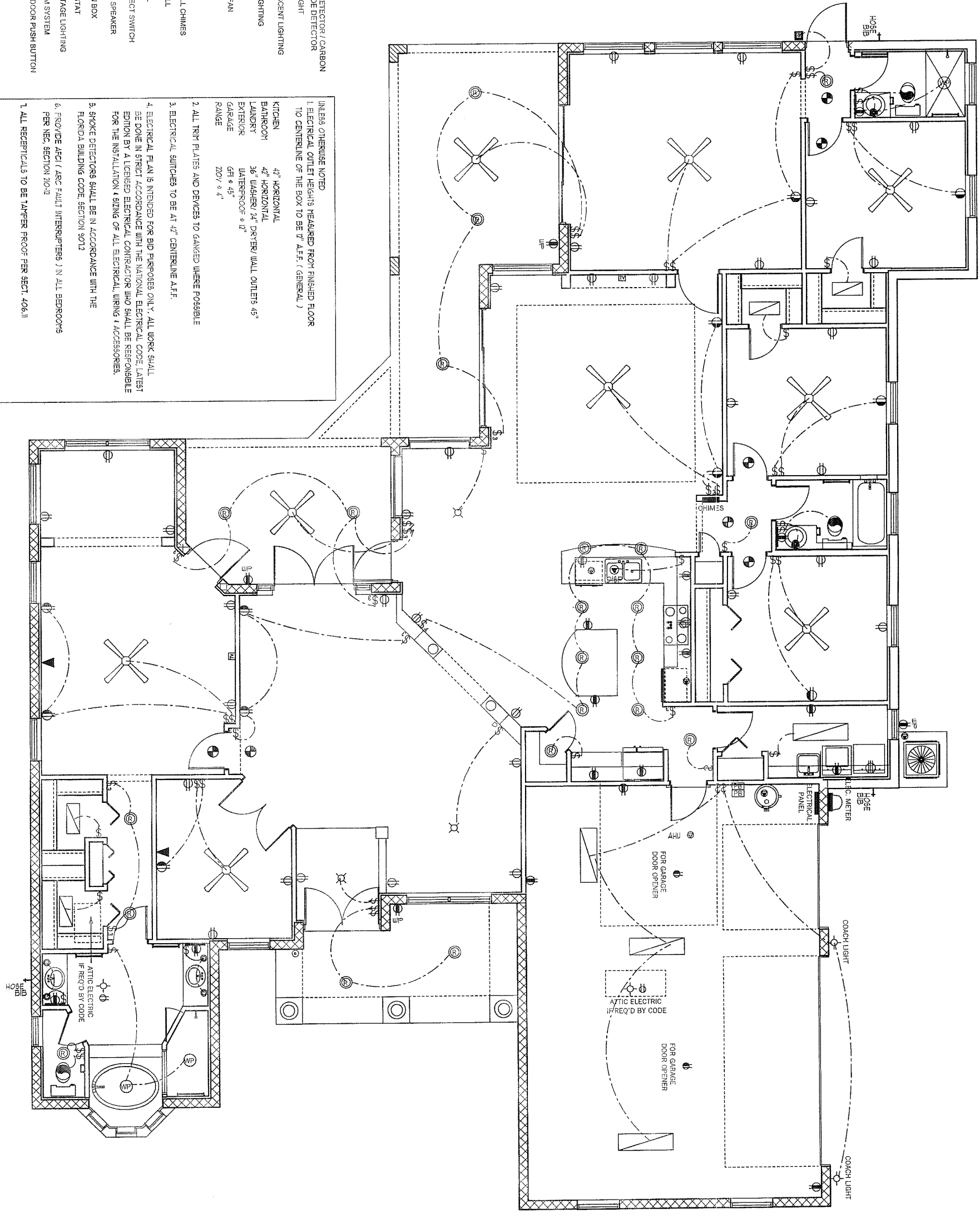
- ELECTRICAL LEGEND**
- \$ SINGLE POLE SWITCH
 - \$2 DOUBLE POLE SWITCH
 - \$3 THREE-WAY SWITCH
 - \$4 FOUR-WAY SWITCH
 - DM DIMMER SWITCH
 - CF CEILING FIXTURE
 - SCOUNCE (WALL MOUNTED) FIXTURE
 - 110 VOLT DUPLEX OUTLET
 - 110 VOLT SPLIT SWITCHED OUTLET
 - GROUND FAULT INTERRUPT
 - WP WATER PROOF W/ GROUND FAULT
 - 220 VOLT OUTLET
 - SP SPECIAL SERVICES OUTLET
 - TV 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
- DISCONNECT SWITCH
- PREWIRE SPEAKER
- JUNCTION BOX
- THERMOSTAT
- LOW VOLTAGE LIGHTING INTERCOM SYSTEM
- GARAGE DOOR PUSH BUTTON

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 12"
- GARAGE GR 45"
- RANGE ZOV 4 4"

2. ALL TRIM PLATES AND DEVICES TO BE 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 & SINKING 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 210.12
7. ALL RECEPTACLES TO BE TAMPER PROOF PER SECT. 406.11

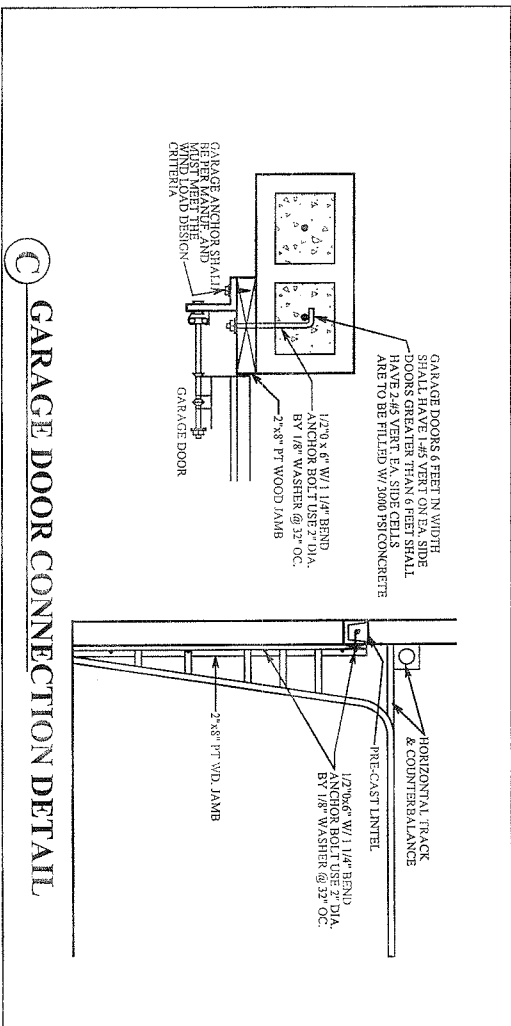
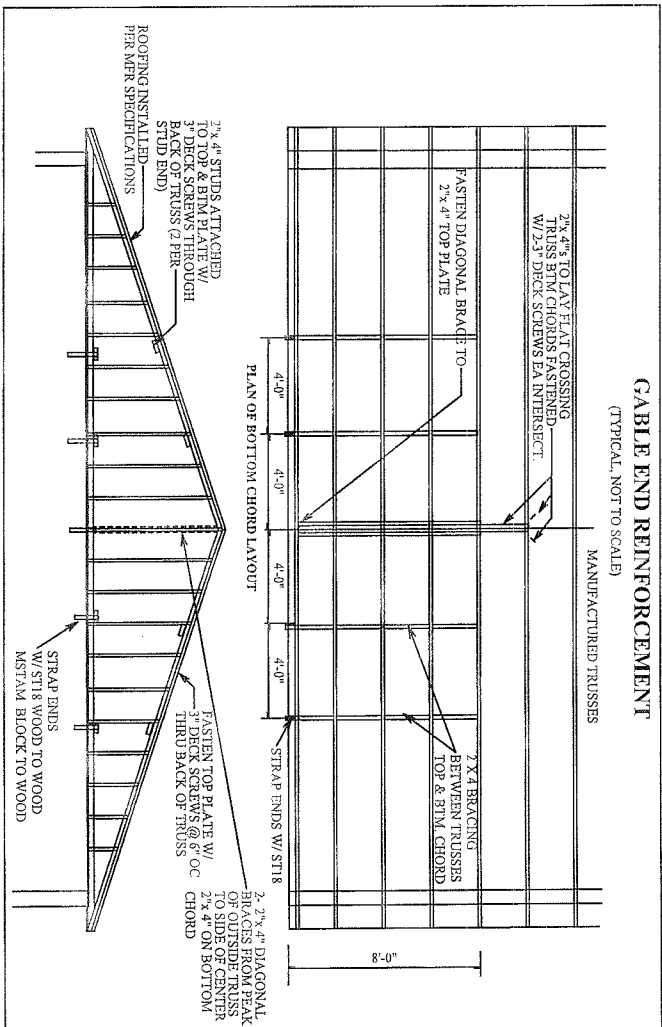
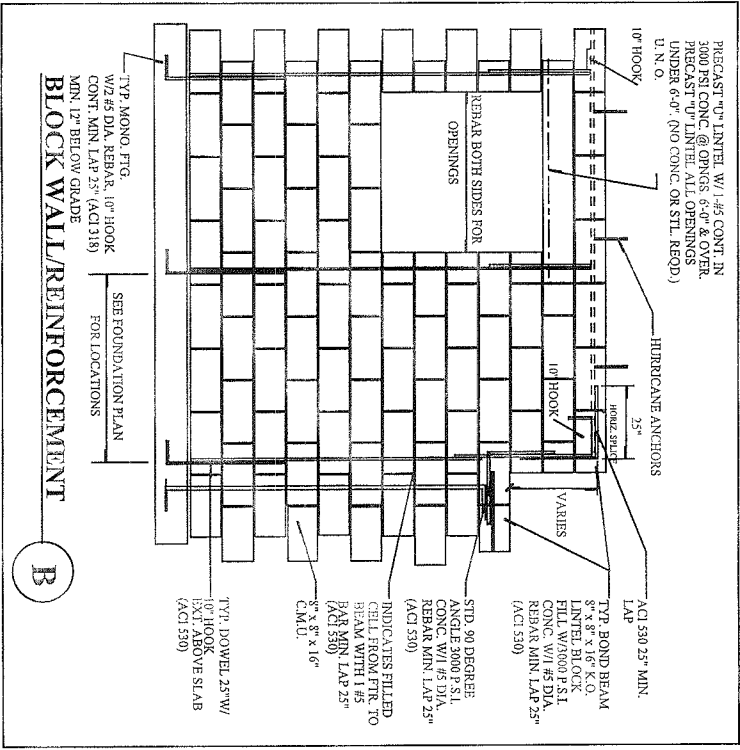
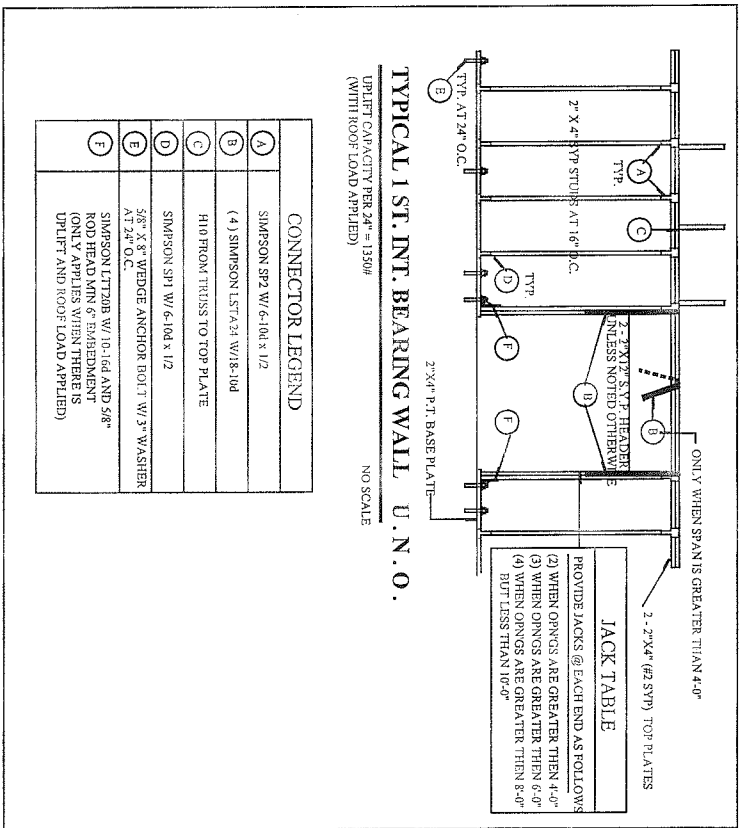
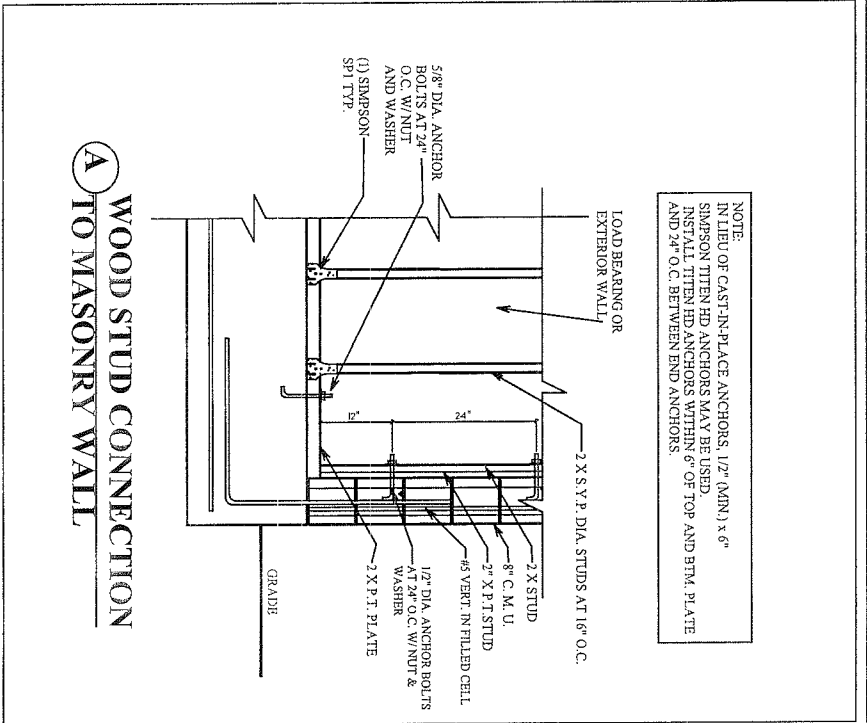
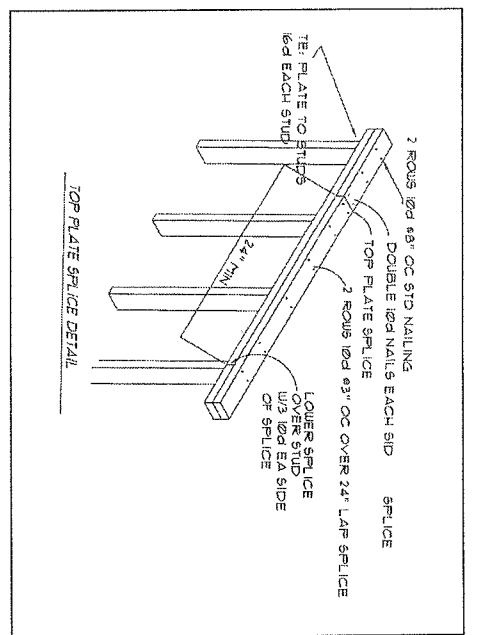
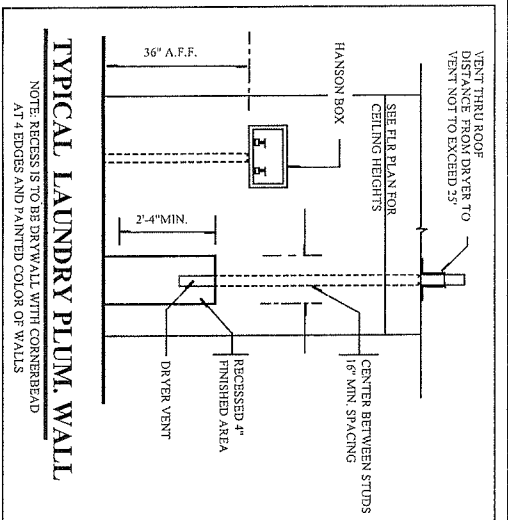


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INVENTORY
 LOT 2
 KEYSTONE SPRINGS
 PINELLAS COUNTY



CONSTRUCTION DETAILS

A.E.C.S. # 11039

ASPEN-I-3048

3-24-09

8

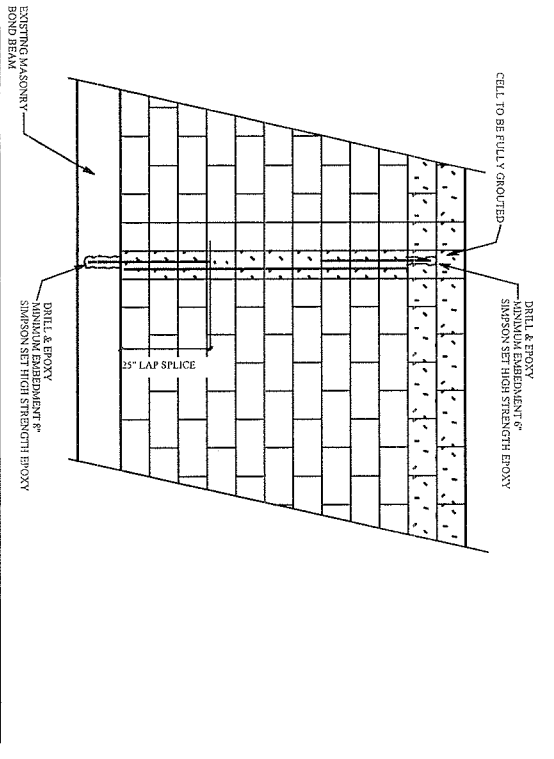
DEEB FAMILY HOMES, LTD.
 9400 RIVER CROSSING BLD.
 NEW PORT RICHEY, FL. 34655
 727-376-6831

PLAN DATE
 3-30-11
 4-12-11

INVENTORY
 LOT 2
 KEYSTONE SPRINGS
 PINELLAS COUNTY

I HEREBY CERTIFY THAT I HAVE PERFORMED THE ATTACHED DESIGN TO COMPLY WITH THE LATEST LOADS AND IT IS IN COMPLIANCE WITH SECT. 301 OF THE 2007 FLORIDA RESIDENTIAL BUILDING CODE W/ 2009 SUPPLEMENTS ADAPTED 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

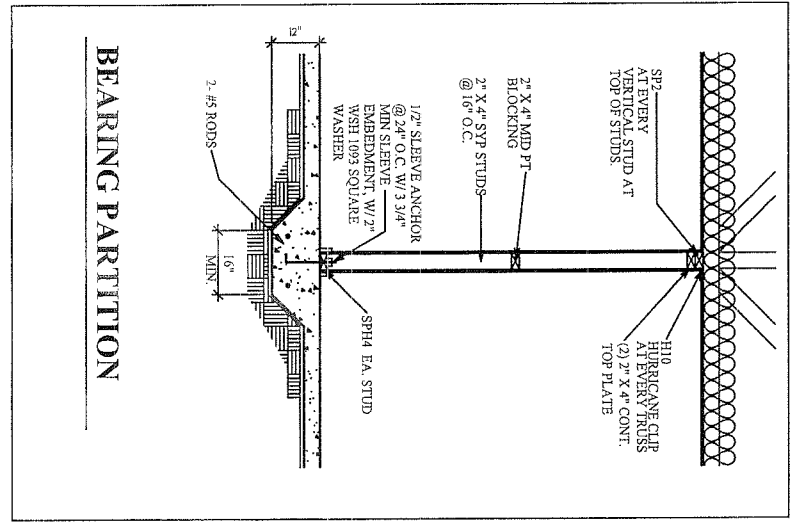


TYP. RETROFIT VERT. DOWEL CONDITION

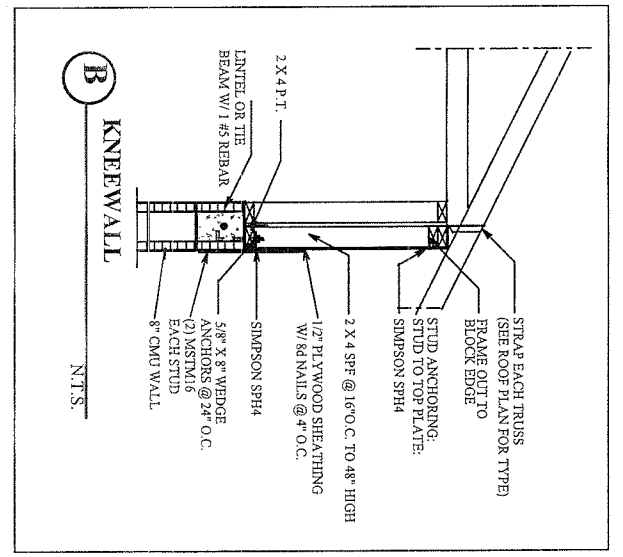
NOTE:
 MISSING JOISTS, WHERE FOOTING JOISTS ARE PLACED INCORRECTLY OR MISTAKENLY ELIMINATED, SHALL BE REINSTALLED AT PROPER LOCATION W/ GRADE-40 BARS INSTALLED IN SLAB W/ 8" MINIMUM EMBEDMENT. USE EPOXY GROUT.

MISSING ANCHOR BOLTS AT BEARING WALL:

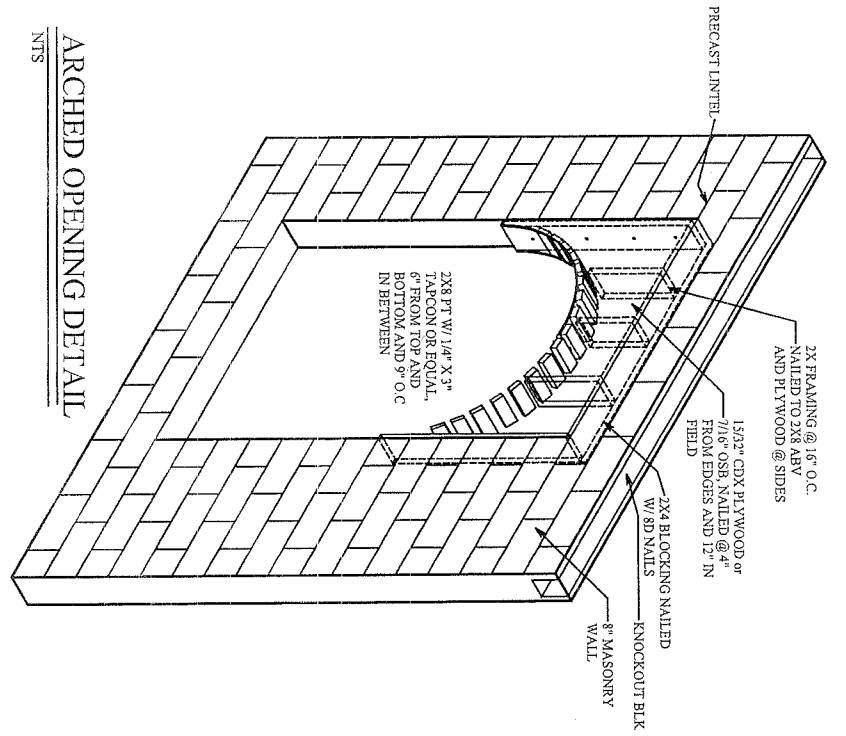
EXTERIOR BEARING WALL:
 IN ADDITION TO THE GENERAL PLACEMENT REQUIREMENTS:
 1) 5/8" DIAMETER x 6" EMBEDMENT SIMPSON TITEN HD ANCHORS SPACED A MAXIMUM OF 24" O.C.
 INTERIOR BEARING WALL:
 IN ADDITION TO THE GENERAL PLACEMENT REQUIREMENTS:
 1) 5/8" DIAMETER x 6" EMBEDMENT SIMPSON TITEN HD ANCHORS SPACED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



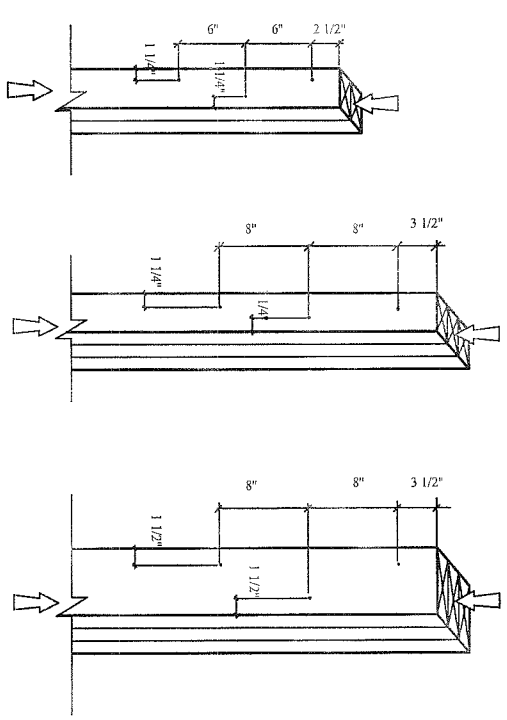
BEARING PARTITION



B KNEEWALL



ARCHED OPENING DETAIL



(2) 2x4 LAMINATIONS
 W/ (1) ROW OF STAGGERED 3/8\"/>

(3) 2x4 LAMINATIONS
 W/ (1) ROW OF STAGGERED 3/8\"/>

(3) 2x6 LAMINATIONS
 W/ (2) ROWS OF STAGGERED 3/8\"/>

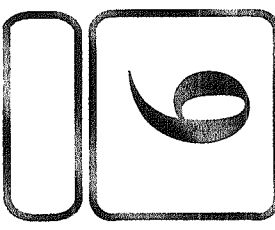
NOTES:
 1) ADJACENT NAILS ARE DRIVEN FROM OPPOSITE SIDES OF THE COLUMN
 2) ALL NAILS PENETRATE AT LEAST 3/4 OF THE THICKNESS OF THE LAST LAMINATION
 3) EACH 3RD COMMON NAIL MAY BE REPLACED W/ 2" OF B.U.C. SAME NUMBER OF ROES, SAME SPACING
 4) FOR 4P.T. PROVIDE 1/4\"/>

TYP. NAILING SCHEDULE FOR BUILT-UP COLUMNS

CONSTRUCTION DETAILS

A.E.C.S. # 11039

ASPEN-I-3048



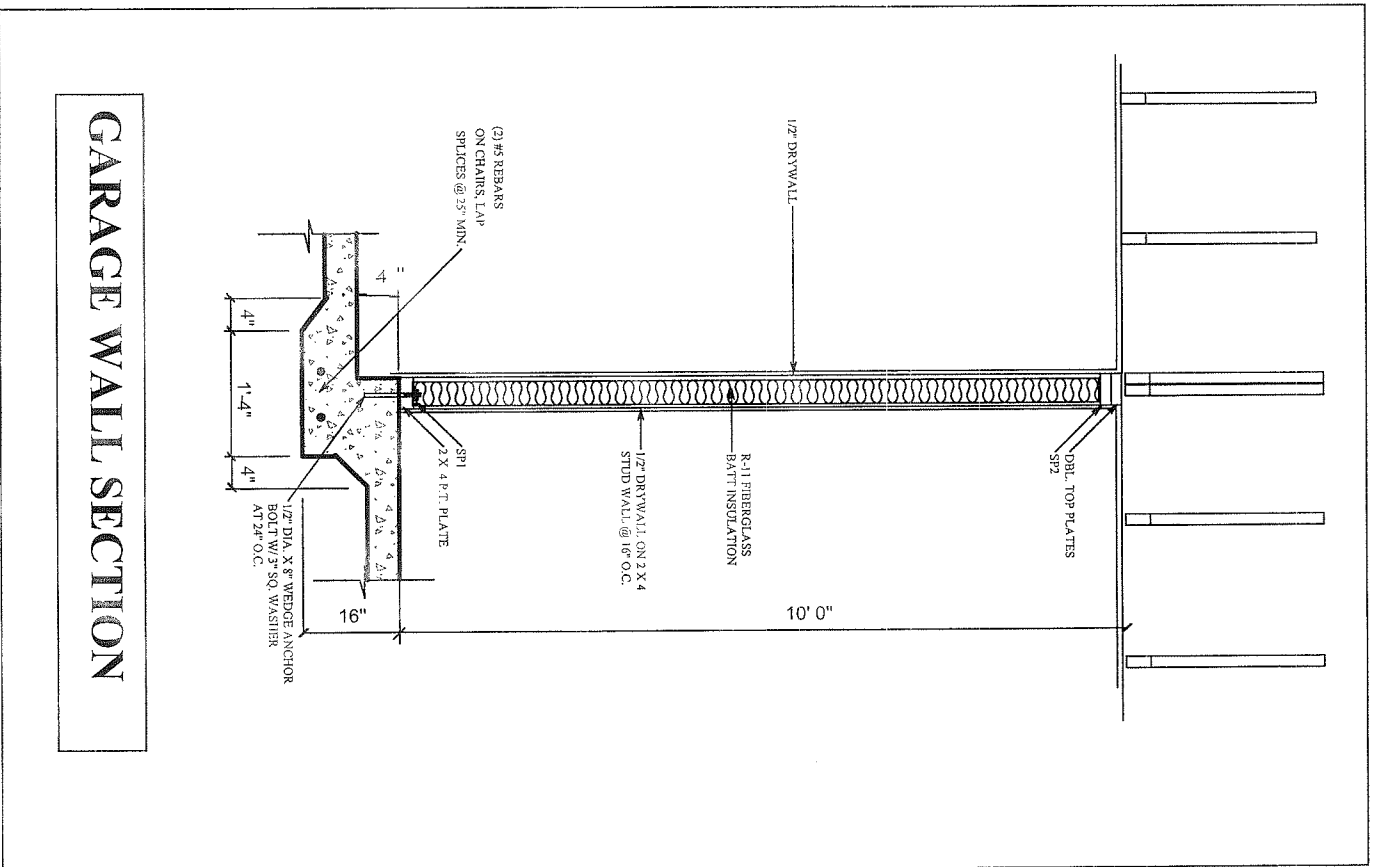
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PLAN DATE
3-30-11
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INVENTORY
 LOT 2
 KEYSTONE SPRINGS
 PINELLAS COUNTY

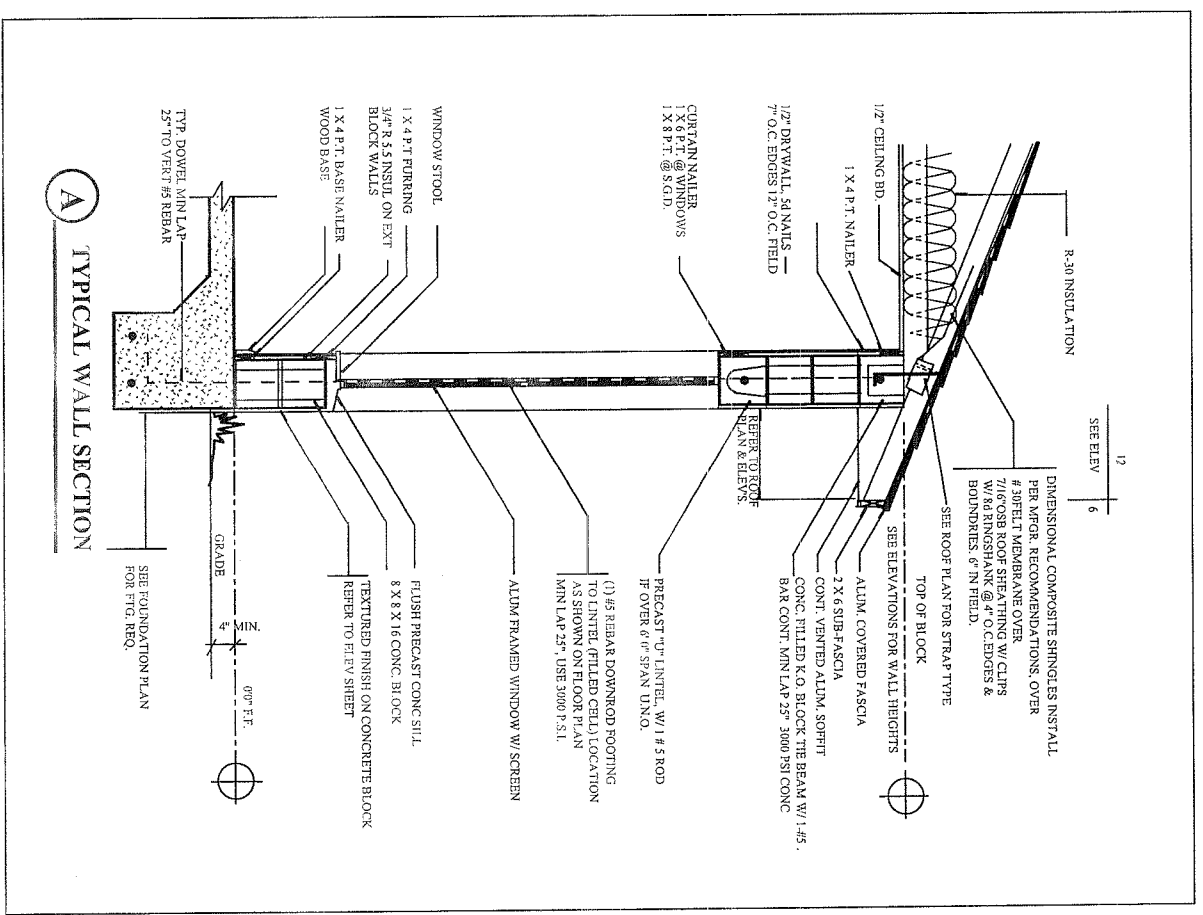
I HEREBY CERTIFY THAT I HAVE PERFORMED THE ATTACHED DESIGN TO COMPLY WITH 131 MPH 3 SEC. GUST LOADS AND IT IS IN COMPLIANCE WITH SECT. 301 OF THE 2007 FLORIDA RESIDENTIAL BUILDING CODE W/ 2009 SUPPLEMENTS RECALC FOR STRUCTURE ONLY
 SIGNED: *Rich Allen*
 RICHARD E. ALLEN P.E. #56920

ALLEN ENGINEERING & CONSTRUCTION SERVICES
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CONNECTOR TABLE

SIMPSON	FLORIDA PRODUCT NUMBERS PER INDEX 1-27-09
ME7A16	1147317
H3	1045613
H10	1045616
HGT	1147017
LS17/24	1085241
LS17/24	1085241
SP2	1045642
VT/4	1085115
LG172	1147016
ECC0334SDSZ5	1085010
HTS20	1045623
HTT8	1149511



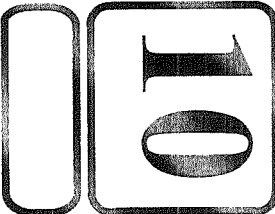
TERMITE SPECIFICATIONS:

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

CONSTRUCTION DETAILS

A.E.C.S. # 11039

ASPEN-I-3048



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3-30-11
4-12-11

INVENTORY
 LOT 2
 KEYSTONE SPRINGS
 PINELLAS COUNTY

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 SEC. 301 OF THE 2007 FLORIDA RESIDENTIAL BUILDING CODE W/ 2009 SUPPLEMENT 2 SEALED FOR STRUCTURE ONLY
 SIGNED: *Richard E. Allen*
 RICHARD E. ALLEN P.E. #56920

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