

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.

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, 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.

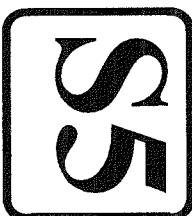
37.3 FENCES AND RETAINING WALLS

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 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. 34655
727-376-6831

PLAN DATE

11-08-11
11-18-11
11-21-11
12-05-11

**SAUNDERS RESIDENCE
LOT 5 CREEKSIDE
PINELLAS COUNTY**

A.E.C.S. # 11049

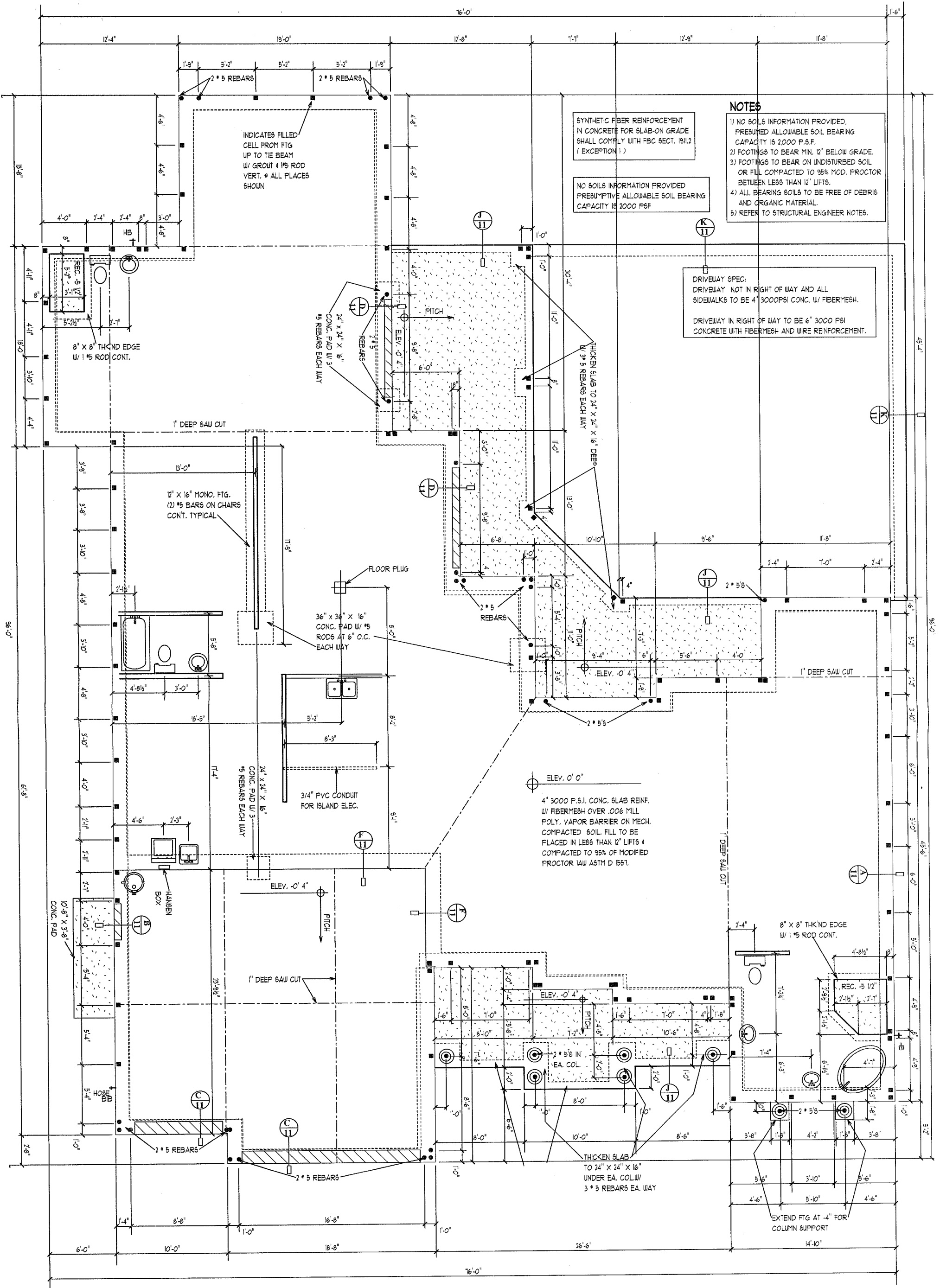
ASPEN 3413

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 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

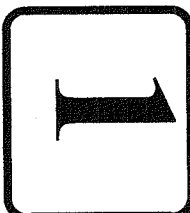


FOUNDATION PLAN

SCALE 1/8" = 1' 0"

A.E.C.S. # 11049

ASPEN 3



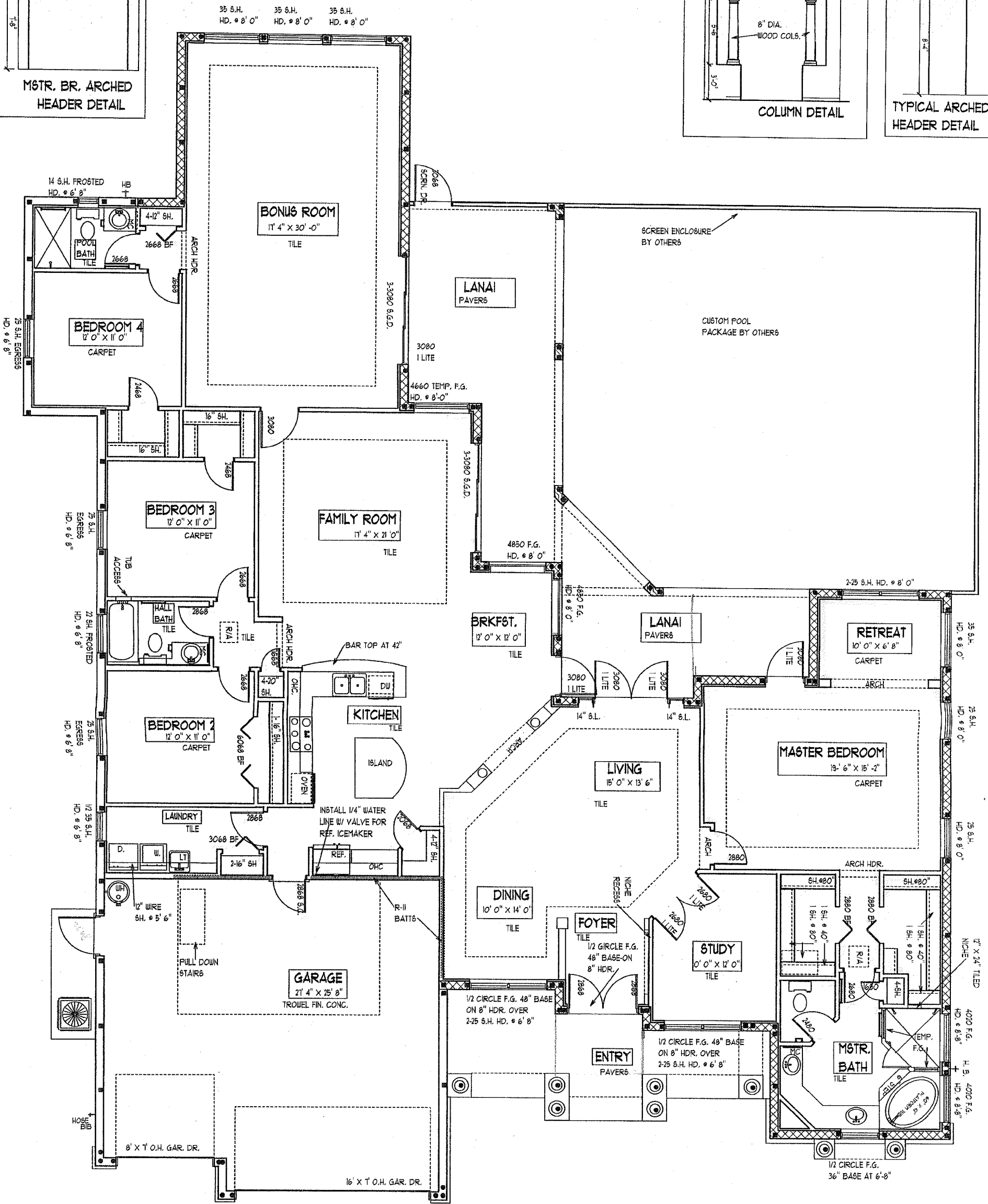
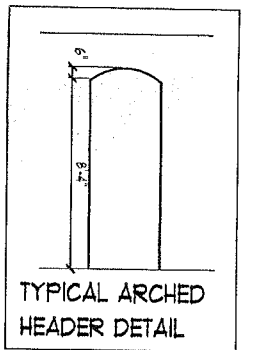
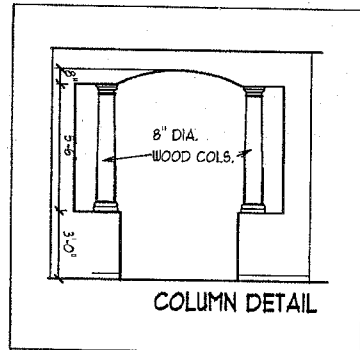
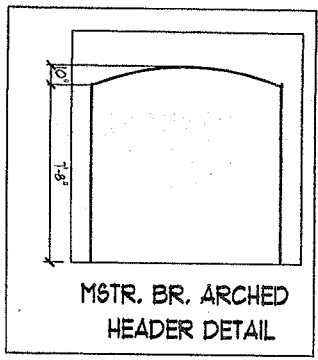
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SQUARE FOOTAGES

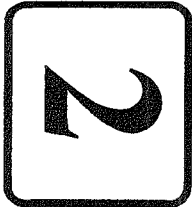
LIVING AREA	-	3413 S.F.
GARAGE	-	726 S.F.
LANAI	-	494 S.F.
ENTRY	-	196 S.F.

FLOOR PLAN NOTES

SCALE 1/8" = 1' 0"

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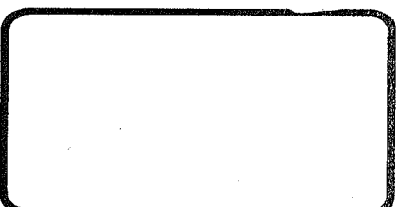
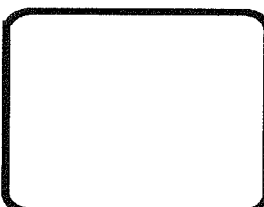
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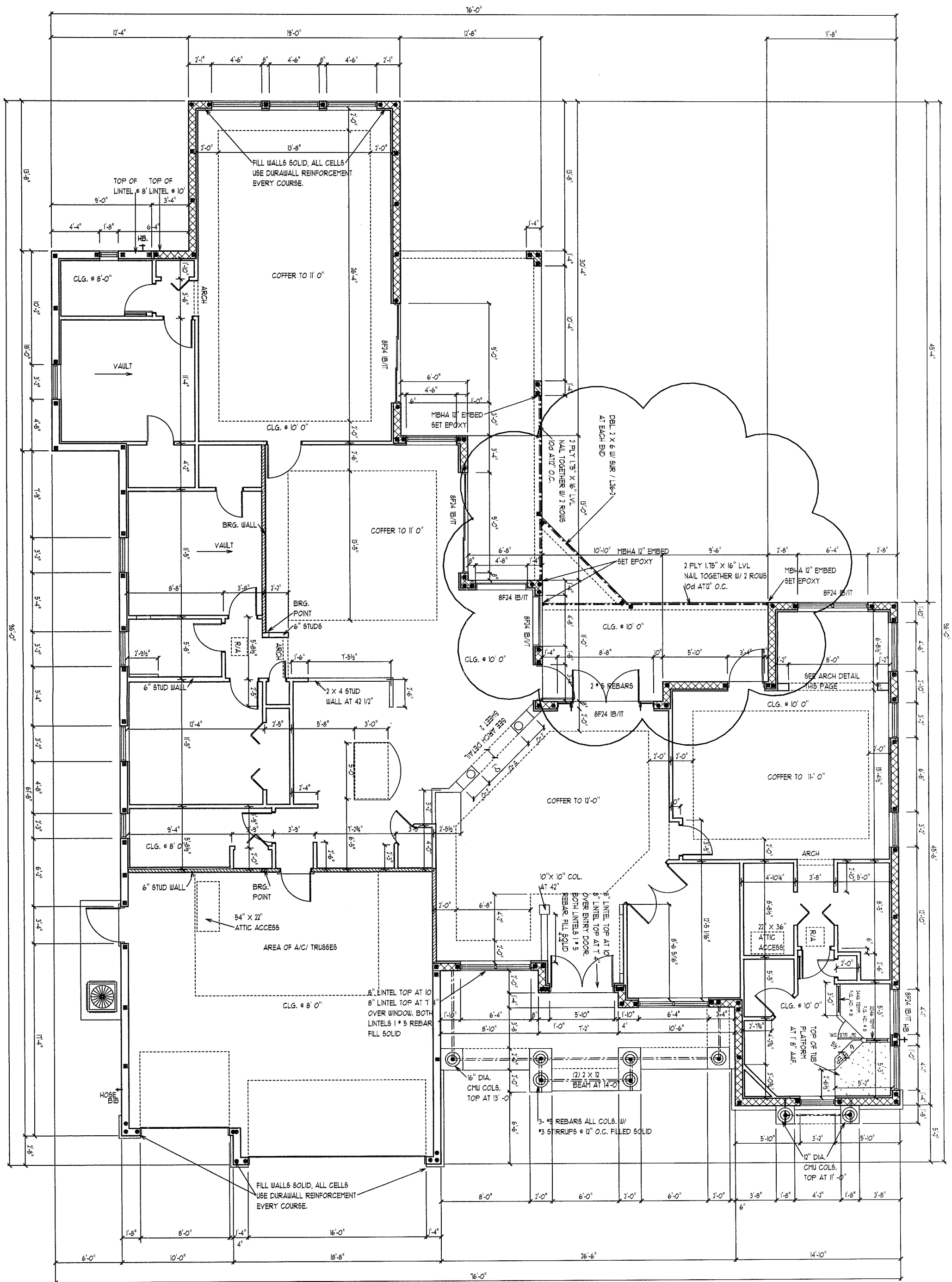


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LOT 5 CREEKSIDE
PINELLAS COUNTY





DIMENSION PLAN

SCALE 1/8" = 1' 0"

A.E.C.S. # 11049

ASPEN 3058



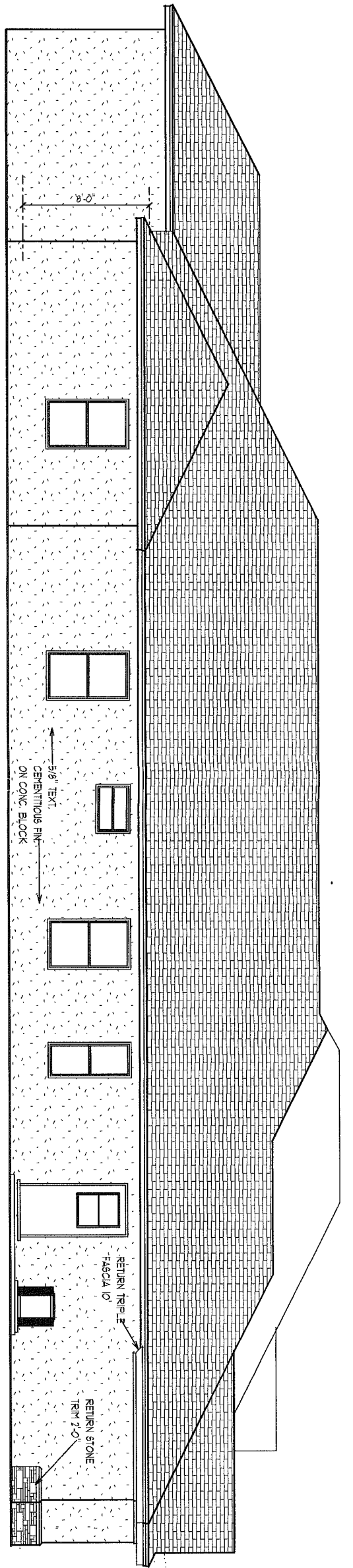
DEEB FAMILY HOMES, LTD.
 9400 RIVER CROSSING BLD.
 NEW PORT RICHEY, FL. 34655
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PLAN DATE	
11-08-11	3-05-12
11-18-11	
11-21-11	
12-05-11	
12-06-11	

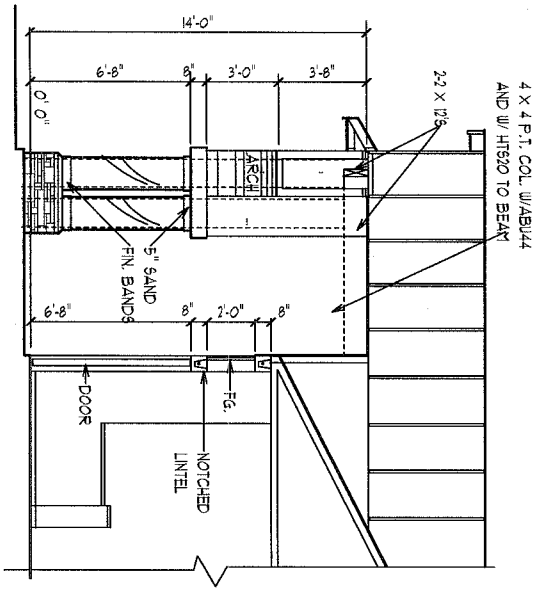
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 SIGNATURE: *[Signature]* 3/6/12
 RICHARD E. ALLEN P.E. #56920

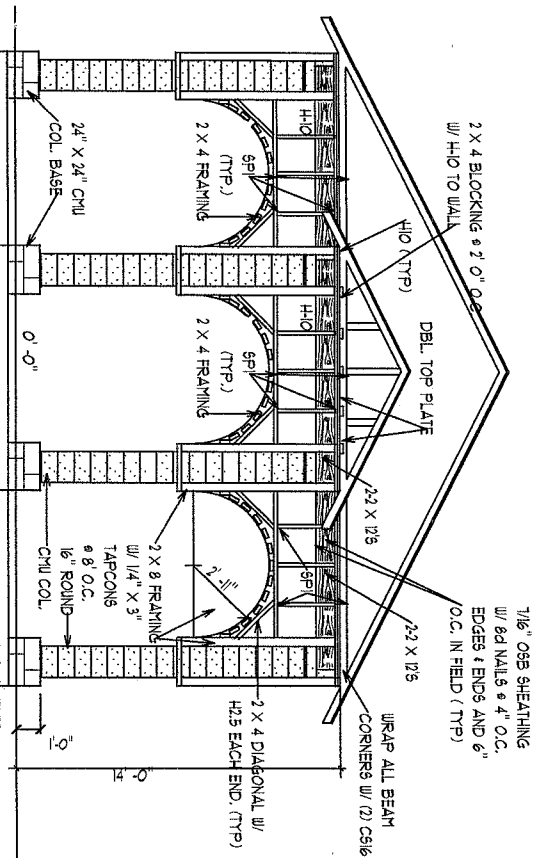
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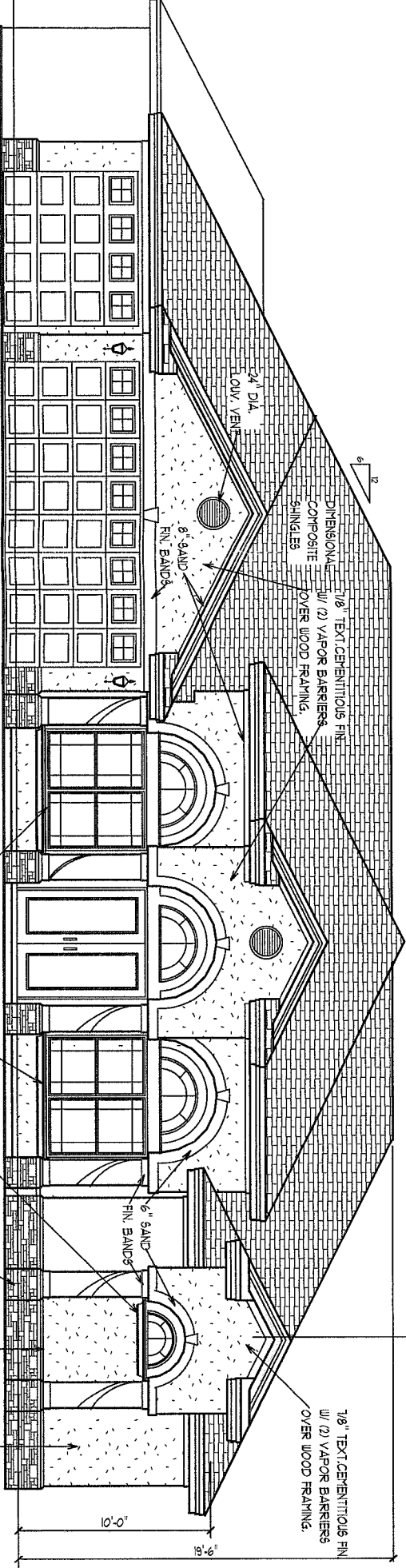
LEFT SIDE ELEVATION



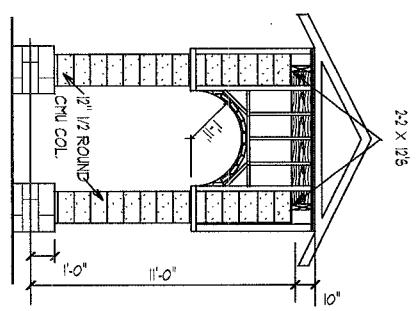
SECT. THRU ENTRY



ENTRY FRAMING



FRONT ELEVATION

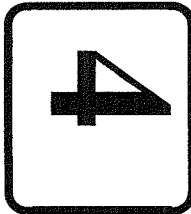


FRONT ELEVATION - A

1/8" = 1' 0"

A.E.C.S. # 11049

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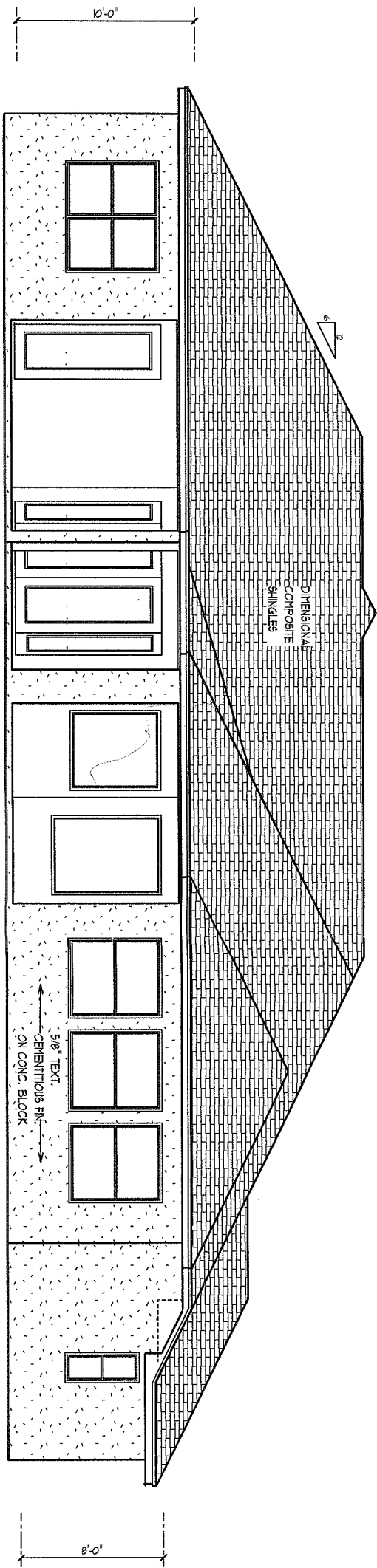
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LOT 5 CREEKSIDE
PINELLAS COUNTY

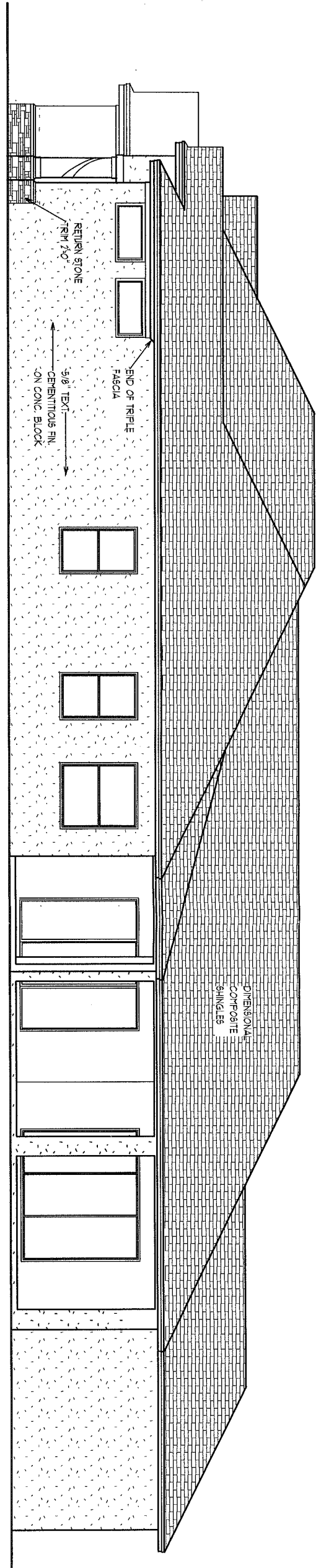
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REAR ELEVATION



RIGHT SIDE ELEVATION



EXTERIOR ELEVATIONS -A

1/8" = 1' 0"

A.E.C.S. # 11049

ASPEN 3 413

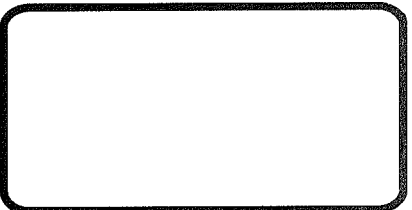
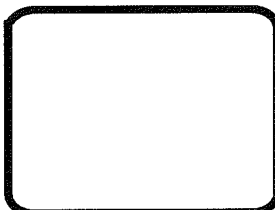
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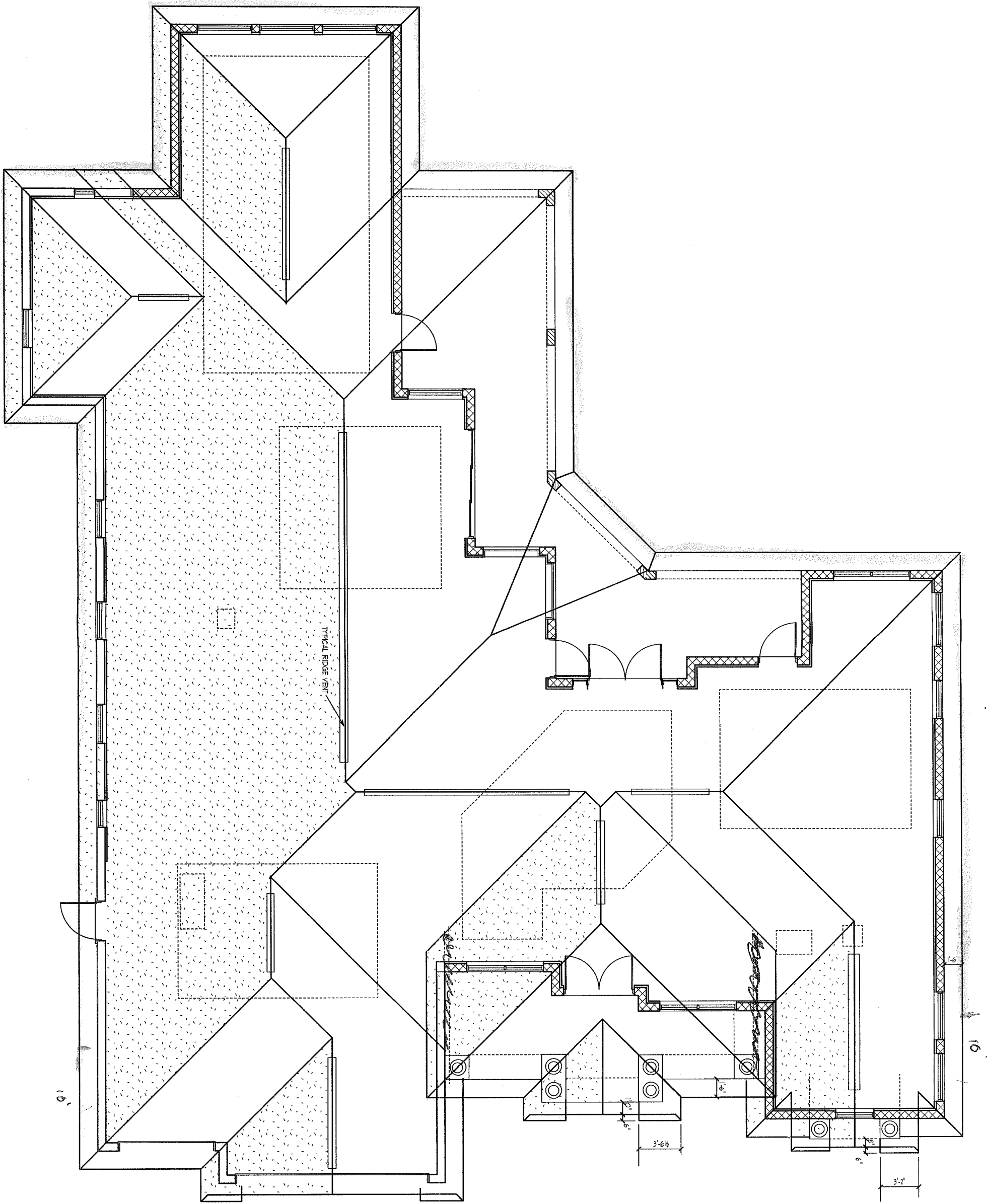
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11-08-11
11-18-11 3-23-09
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ROOF PLAN- A

SCALE 1/8" = 1' 0"

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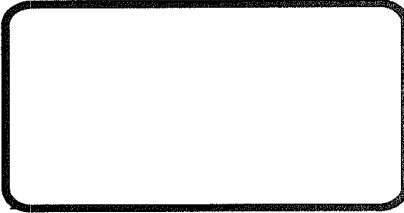
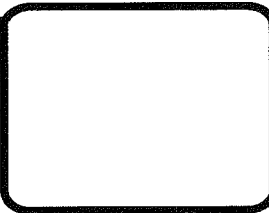
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NOTE: INSTALL MOISTURE BARRIER BETWEEN MASONRY & UNTREATED WOOD

IMPORTANT NOTE:

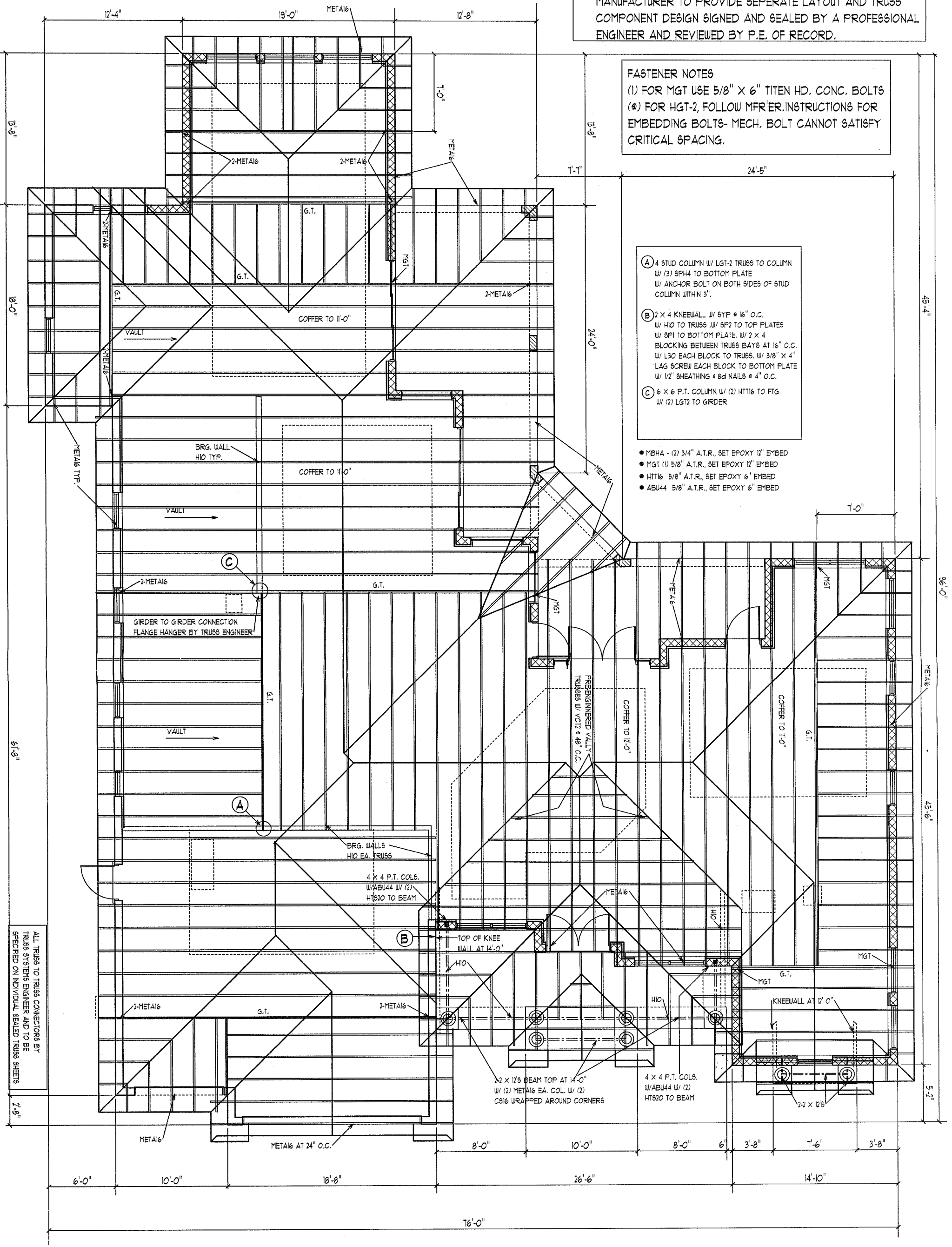
THIS FRAMING PLAN IS DIAGRAMMATIC IN NATURE AND IS PROVIDED FOR ILLUSTRATION PURPOSES ONLY. TRUSS MANUFACTURER TO PROVIDE SEPERATE LAYOUT AND TRUSS COMPONENT DESIGN SIGNED AND SEALED BY A PROFESSIONAL ENGINEER AND REVIEWED BY P.E. OF RECORD.

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.

- (A) 4 STUD COLUMN W/ LGT-2 TRUSS TO COLUMN W/ (3) 5P4 TO BOTTOM PLATE W/ ANCHOR BOLT ON BOTH SIDES OF STUD COLUMN WITHIN 3".
- (B) 2 X 4 KNEEWALL W/ 5P2 @ 16" O.C. W/ H10 TO TRUSS W/ 5P2 TO TOP PLATES W/ 5P1 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) HT16 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
- HT16 5/8" A.T.R., SET EPOXY 6" EMBED
- ABU44 5/8" A.T.R., SET EPOXY 6" EMBED



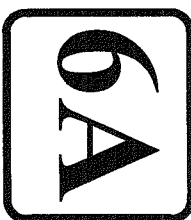
ALL TRUSSES TO TRUSS CONNECTORS BY TRUSS SYSTEMS ENGINEER AND TO BE SPECIFIED ON INDIVIDUAL SEALED TRUSS SHEETS

TRUSS PLAN

SCALE 1/8" = 1' 0"

A.E.C.S. # 11049

ASPEN 3913



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PLAN DATE
11-08-11
11-18-11
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SAUNDERS RESIDENCE
 LOT 5 CREEKSIDE
 PINELLAS COUNTY

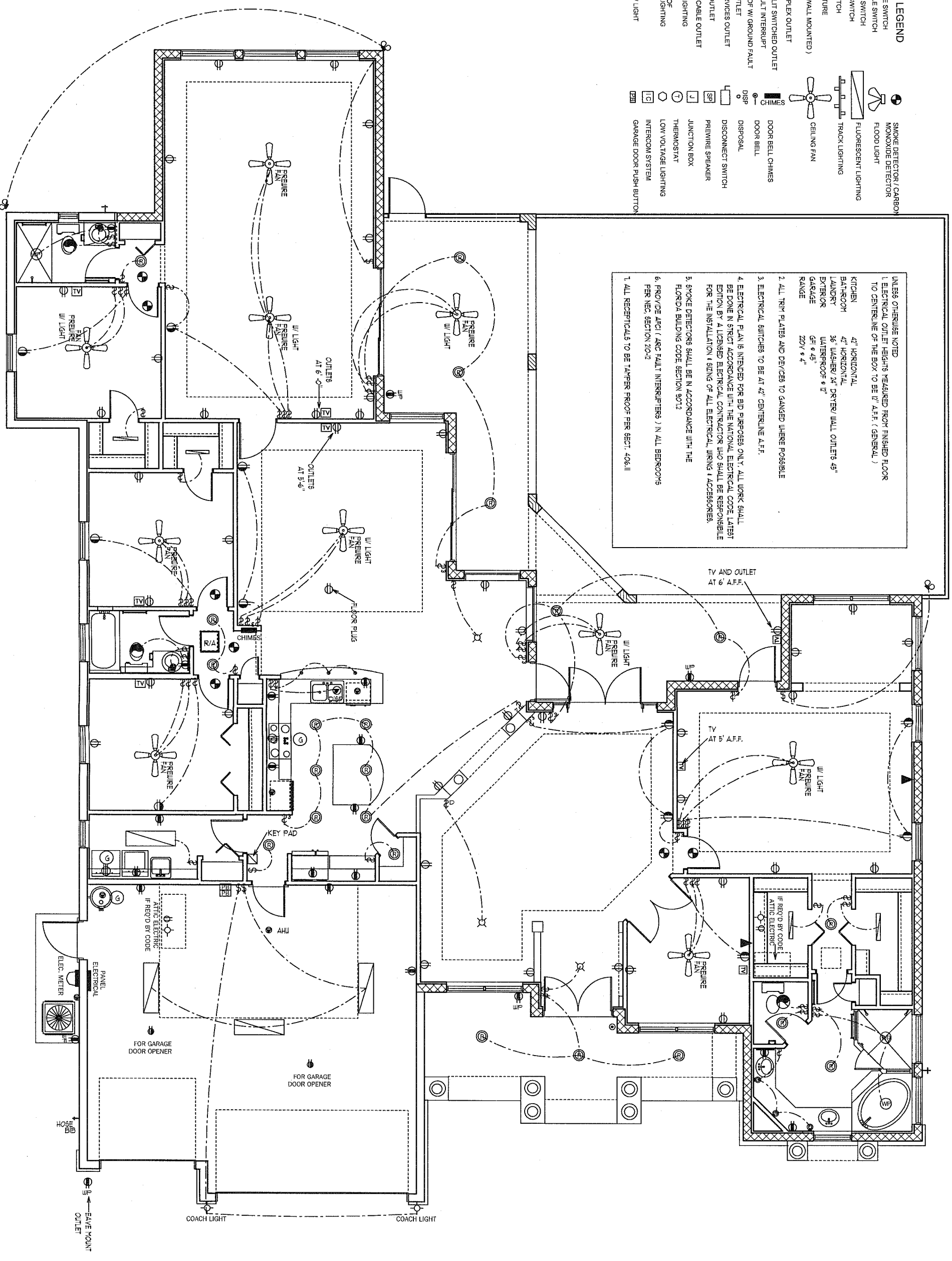
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 SIGNED: *[Signature]*
 RICHARD E. ALLEN P.E. #56920

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- ELECTRICAL LEGEND**
- ⊕ SINGLE POLE SWITCH
 - ⊕ DOUBLE POLE SWITCH
 - ⊕ THREE-WAY SWITCH
 - ⊕ FOUR-WAY SWITCH
 - ⊕ DIMMER SWITCH
 - ⊕ SCROLL (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
 - ⊕ CHIMES
 - ⊕ DOOR BELL CHIMES
 - ⊕ DOOR BELL
 - ⊕ DISPOSAL
 - ⊕ DISCONNECT SWITCH
 - ⊕ PREWIRED 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 12" A.F.F. (GENERAL)
- KITCHEN 42" HORIZONTAL
- BATHROOM 42" HORIZONTAL
- LAUNDRY 36" WASHER/24" DRYER/ WALL OUTLETS 48"
- EXTERIOR WATERPROOF * 12"
- GARAGE 200V * 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 20-2
7. ALL RECEPTALS TO BE TAMPER PROOF PER SECT. 406.11

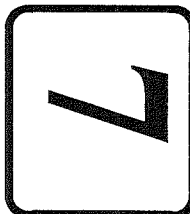


ELECTRICAL PLAN

SCALE 1/8" = 1' 0"

A.E.C.S. # 11049

ASPEN 3058



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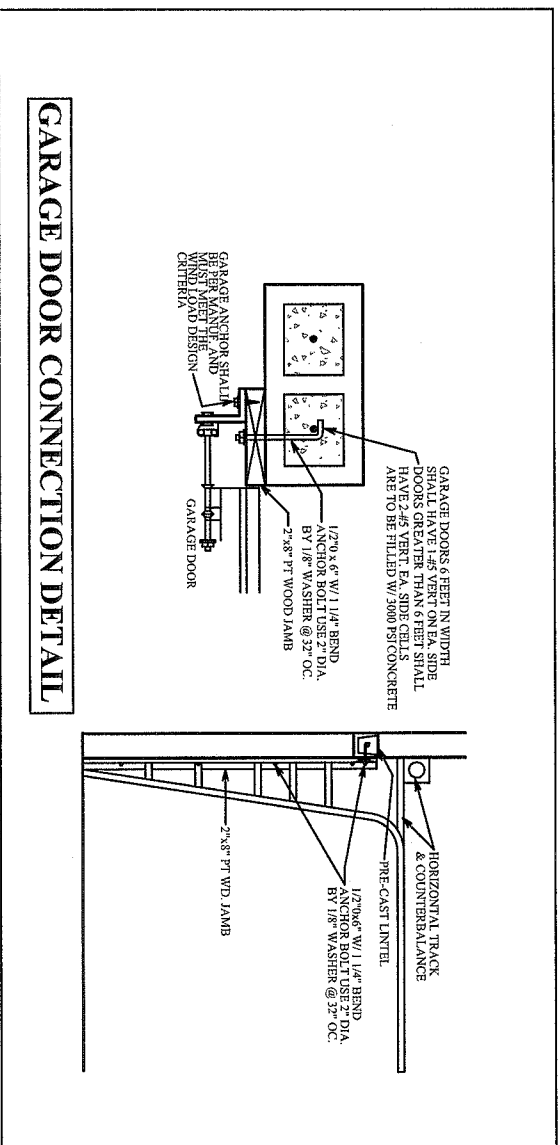
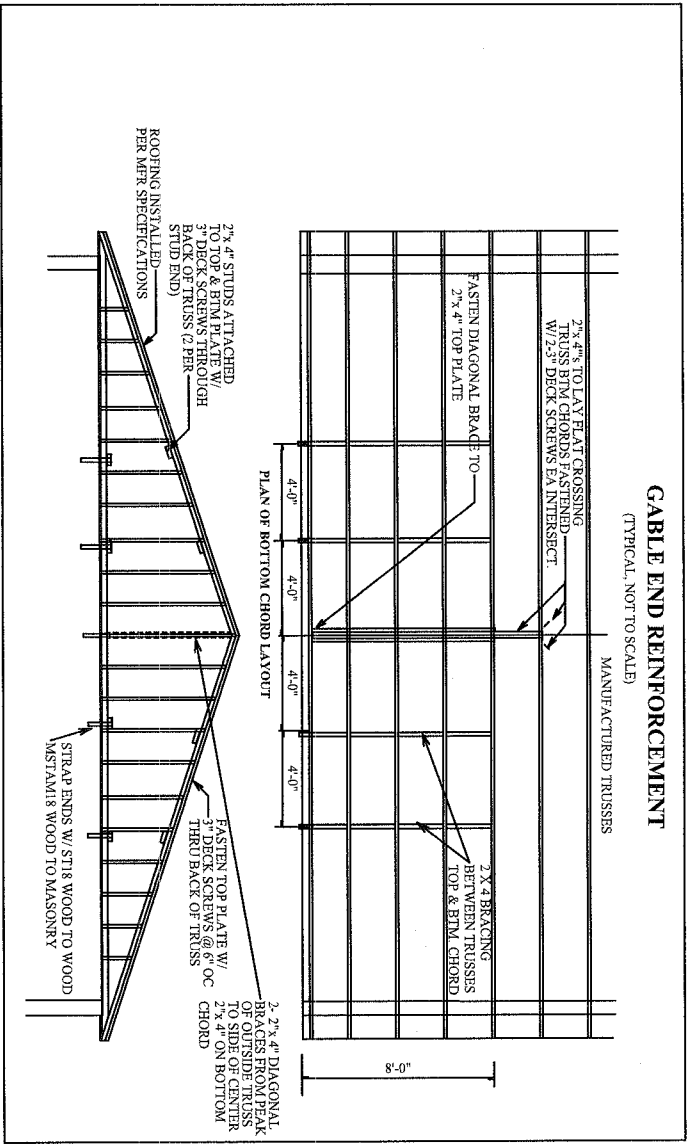
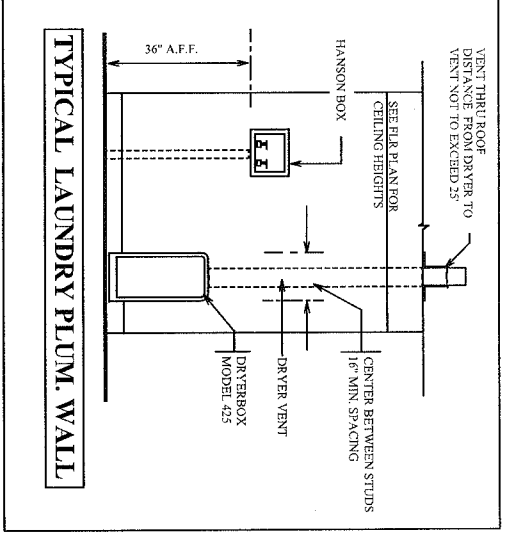
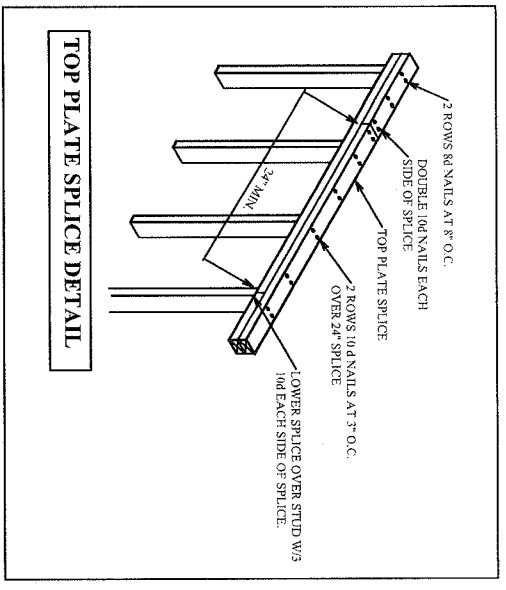
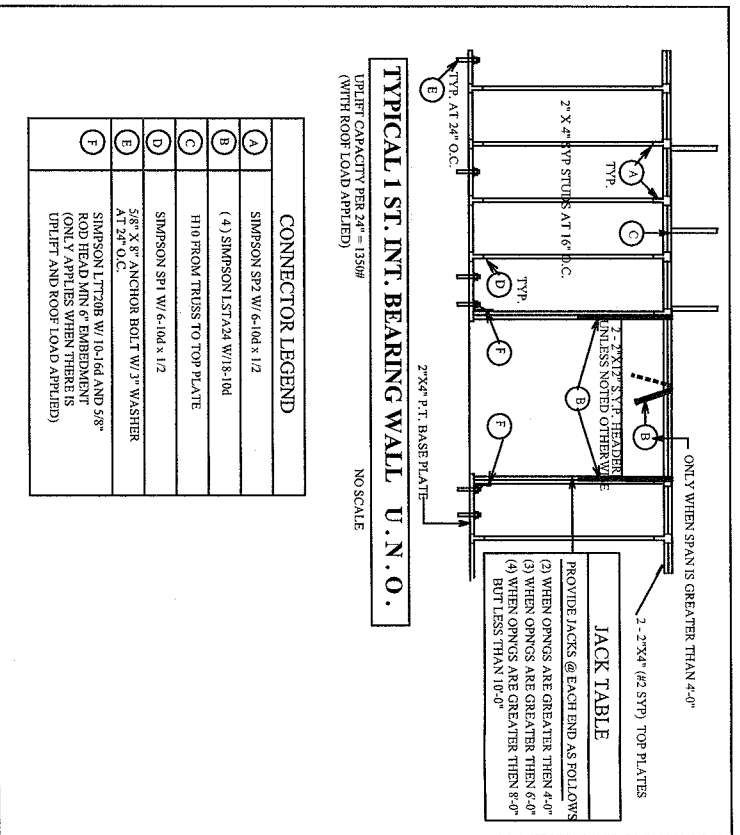
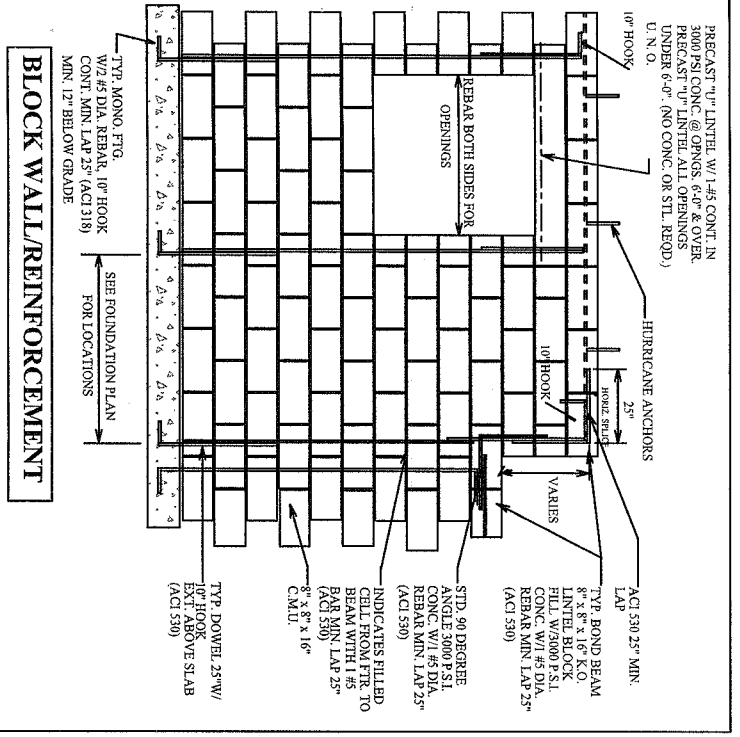
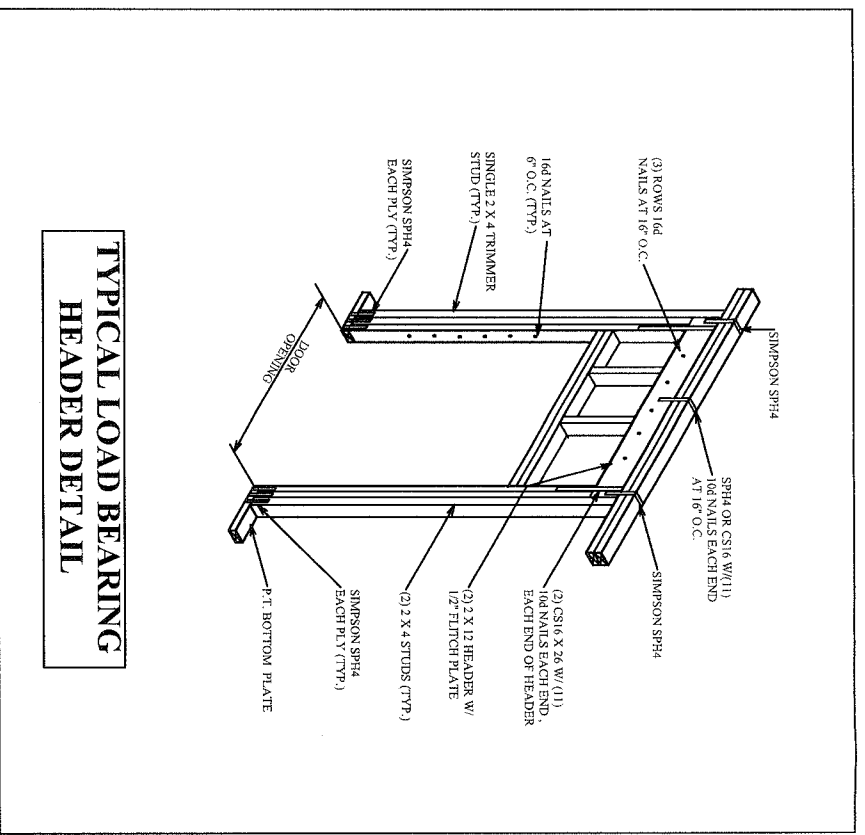
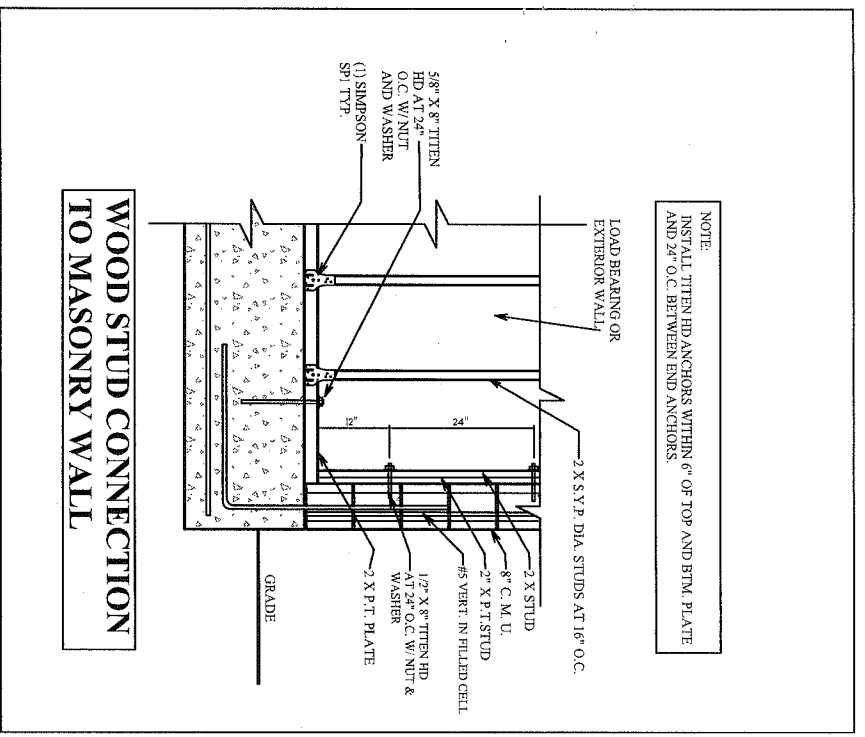
PLAN DATE
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12-05-11
12-06-11

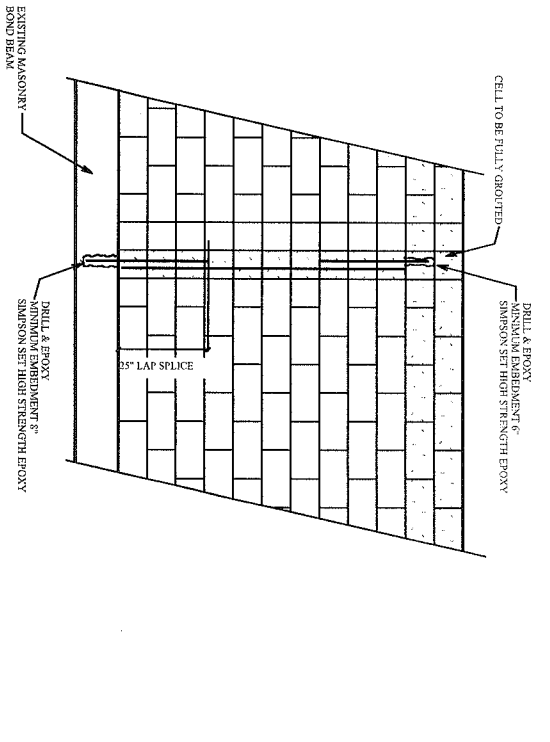
SAUNDERS RESIDENCE
LOT 5 CREEKSIDE
PINELLAS COUNTY

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 SUPPLEMENTS SEALED FOR STRUCTURE ONLY

SIGNED
 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





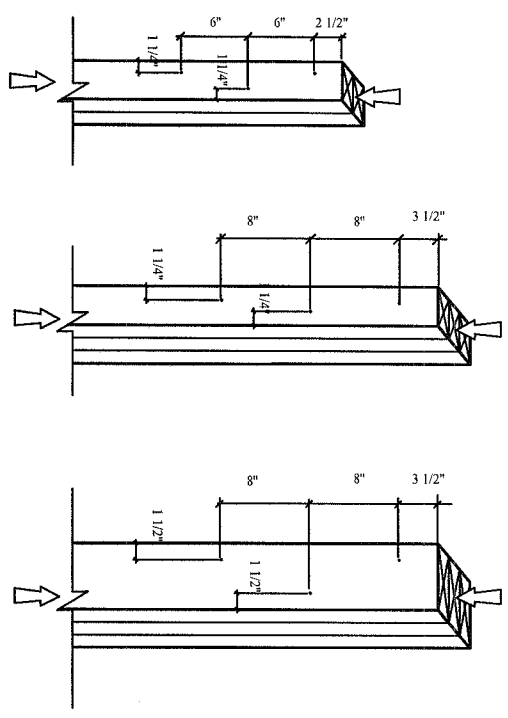
TYP. RETROFIT VERT. DOWEL CONDITION

NOTE:
MISSING 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
10d COMMON WIRE NAILS
(D=0.148, L=3.9) OR EQUAL

(3) 2"x4" LAMINATIONS
W/(1) ROW OF STAGGERED
30d COMMON WIRE NAILS
(D=0.207, L=4.127) OR EQUAL

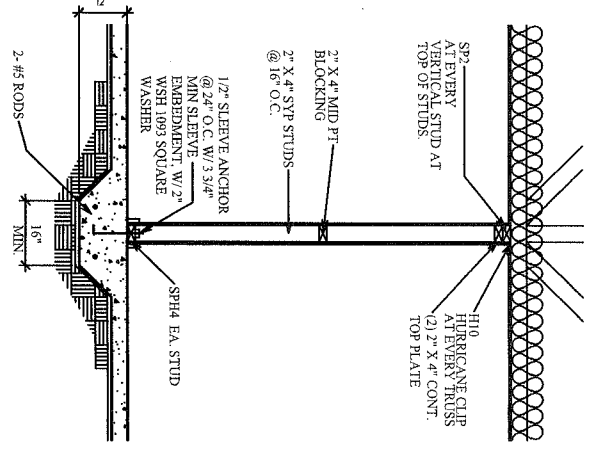
(3) 2"x6" LAMINATIONS
W/(2) ROW OF STAGGERED
30d COMMON WIRE NAILS
(D=0.207, L=4.127) OR EQUAL

NOTES:
1) ADJACENT NAILS ARE DRIVEN FROM OPPOSITE SIDES OF THE COLUMN.

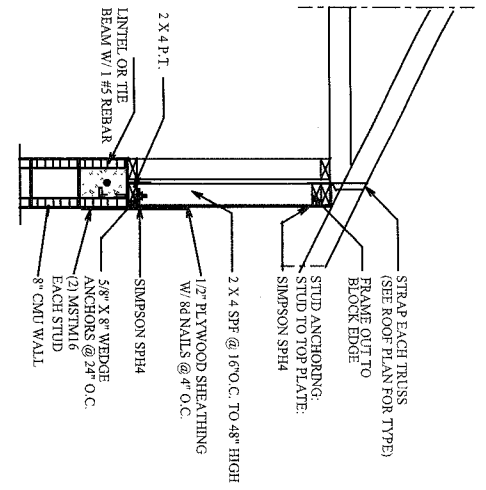
2) NAILS BEING DRIVEN AT LEAST 3/4 OF THE THICKNESS OF THE LAST LAMINATION.
3) EACH 30d COMMON NAIL MAY BE REPLACED W/ 2" OF R.U.C. SAME NUMBER OF ROES, SAME SPACING.
4) FOR 4-PLY, PROVIDE 1/4" DIA. X 3 1/2" LAG SCREWS OR EQUAL (SPACE AS SHOWN FOR 3-PLY)
5) FOR 2-PLY, PROVIDE 1/4" DIA. X 7" LAG SCREWS OR EQUAL (SPACE AS SHOWN FOR 3-PLY)
6) REFER TO KIDS SECTION 15.3 FOR ADDITIONAL INFORMATION

TYP. NAILING SCHEDULE FOR BUILT-UP COLUMNS

BEARING PARTITION

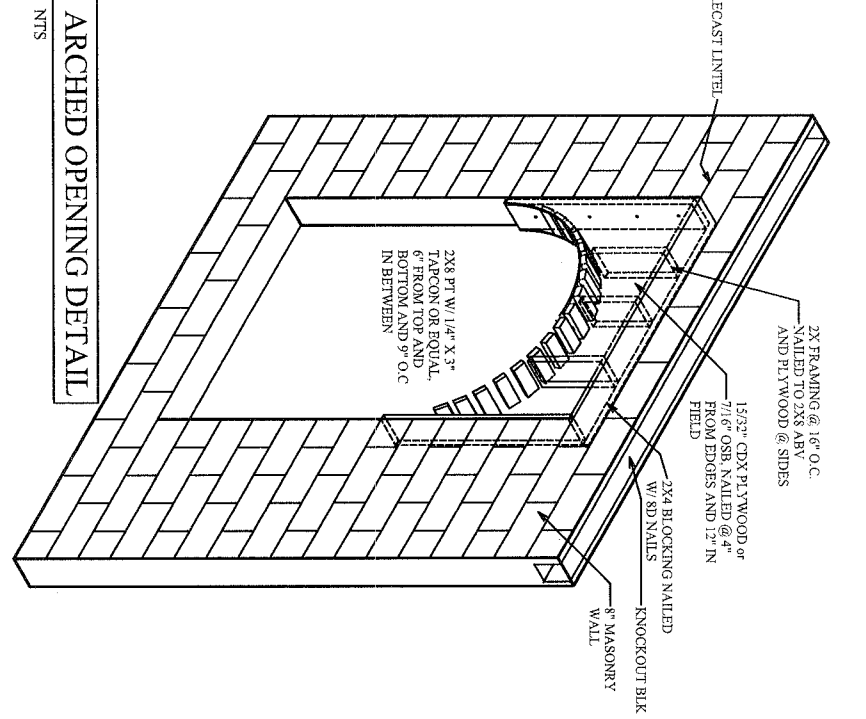


KNEEWALL



NTS

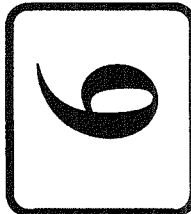
ARCHED OPENING DETAIL



CONSTRUCTION DETAILS

A.E.C.S. # 11049

ASPEN 3413



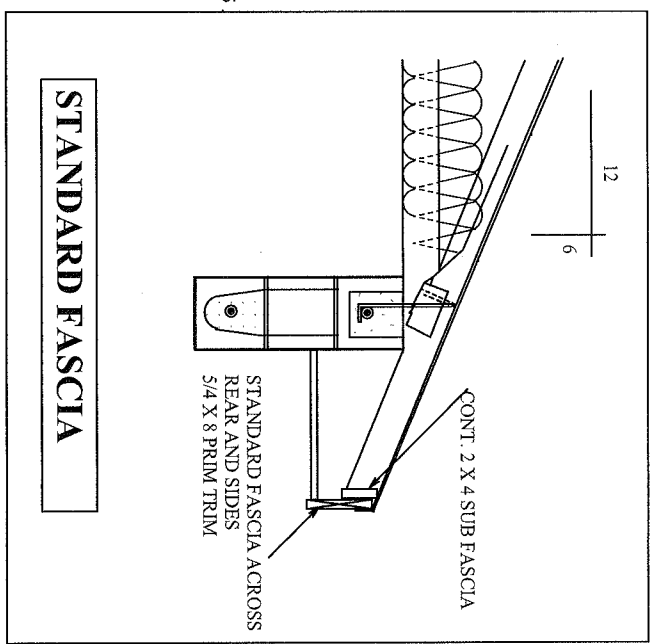
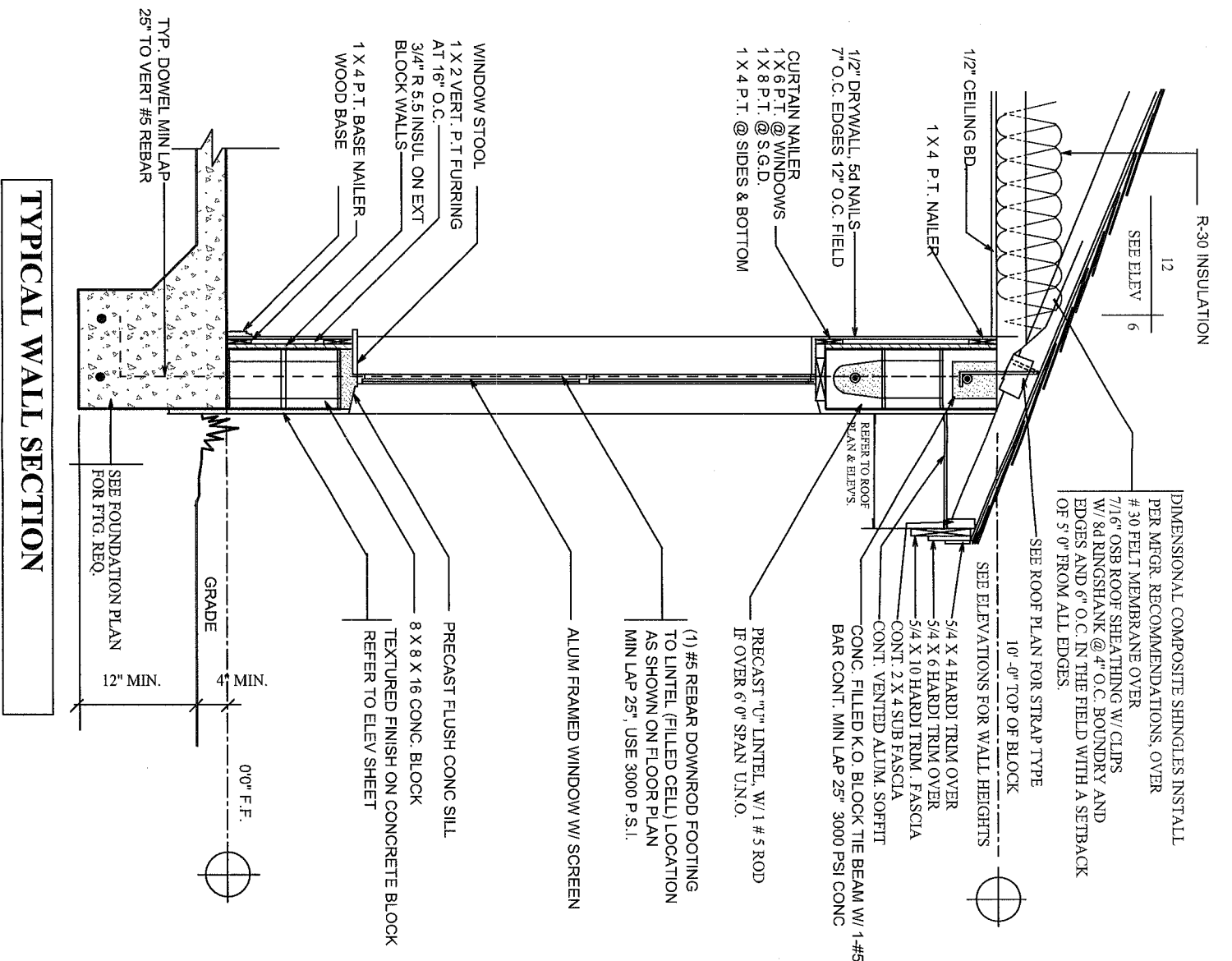
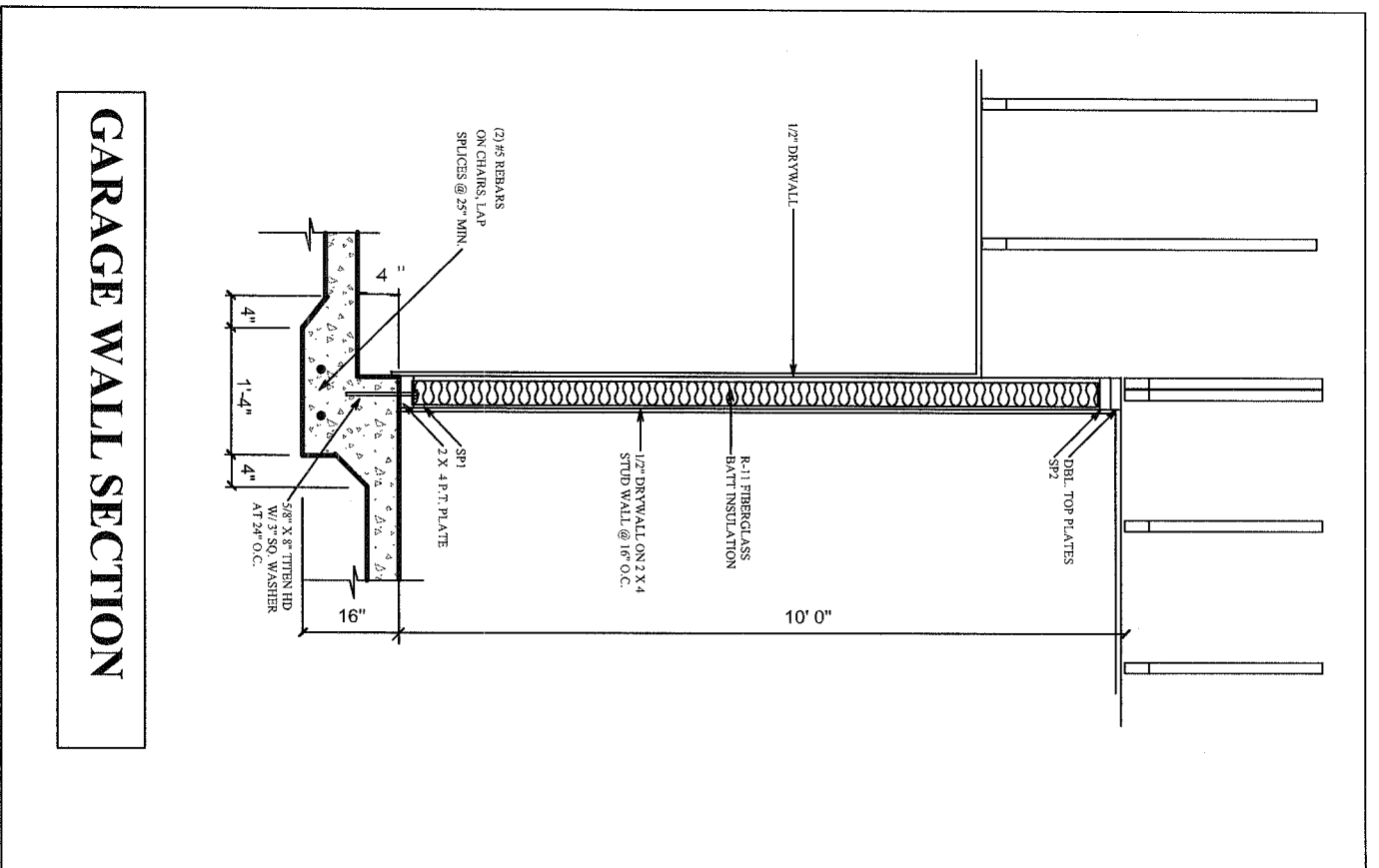
DEEB FAMILY HOMES, LTD.
9400 RIVER CROSSING BLD.
NEW PORT RICHEY, FL. 34655
727-376-6831

PLAN DATE
11-08-11
11-18-11
11-21-11
12-05-11

SAUNDERS RESIDENCE
LOT 5 CREEKSIDE
PINELLAS COUNTY

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SIGNED: *Richard E. Allen*
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CONNECTOR TABLE

SIMPSON	FLORIDA PRODUCT NUMBERS PER INDEX 3-27-09
MBA356/1188	10886, 12
H2	10456, 16
H10	10456, 6
LG12	11470, 6
MGT2	10882, 4
LS1A18	10882, 4
LS1A24	10882, 4
SP2	10456, 42
HTS30	10456, 22
HTS16	11473, 17
META16	10486, 11
L30	11473, 18
MSTAN24	11473, 19
MSTAN36	11473, 19
MSTAN60	10882, 1
CS16	10456, 46
SPH4	10456, 47
SPH6	11486, 2
HT14	11486, 2
HT16	11486, 2
ABU66	10849, 6

TERMITTE SPECIFICATIONS:
 INSTALL "BORACARE" TERMITTE PROTECTION SYSTEM PER MANUF. SPECIFICATIONS

CONSTRUCTION DETAILS

10

DEEB FAMILY HOMES, LTD.
 9400 RIVER CROSSING BLD.
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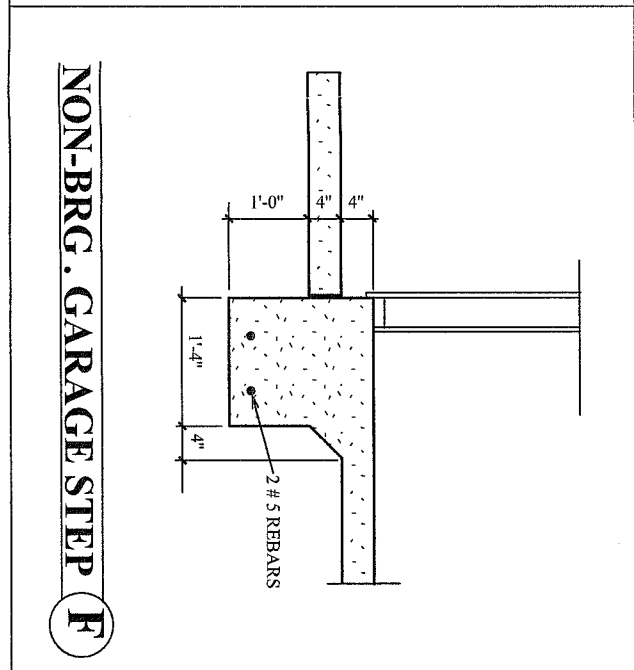
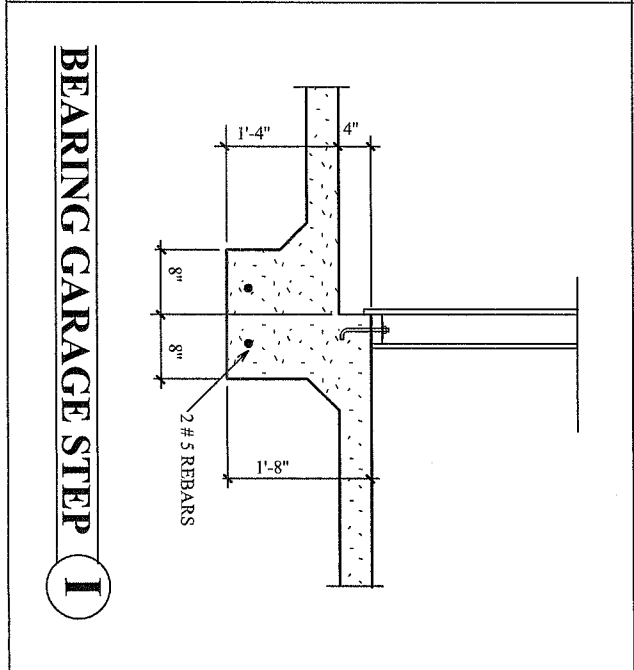
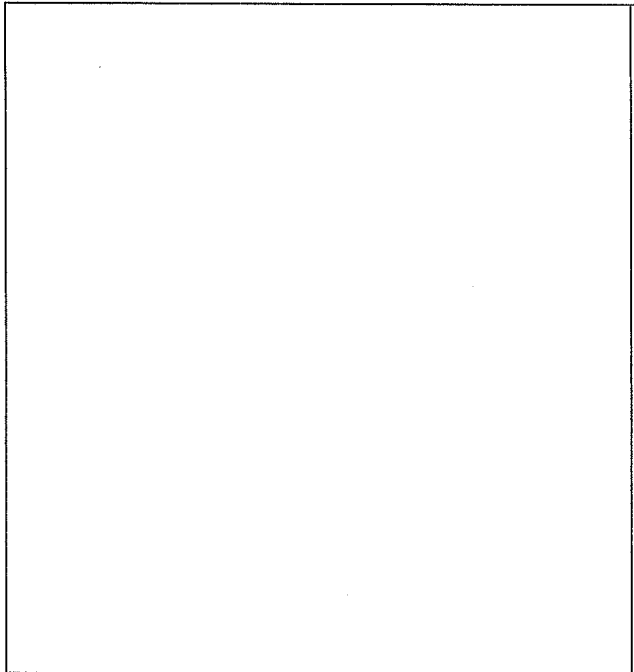
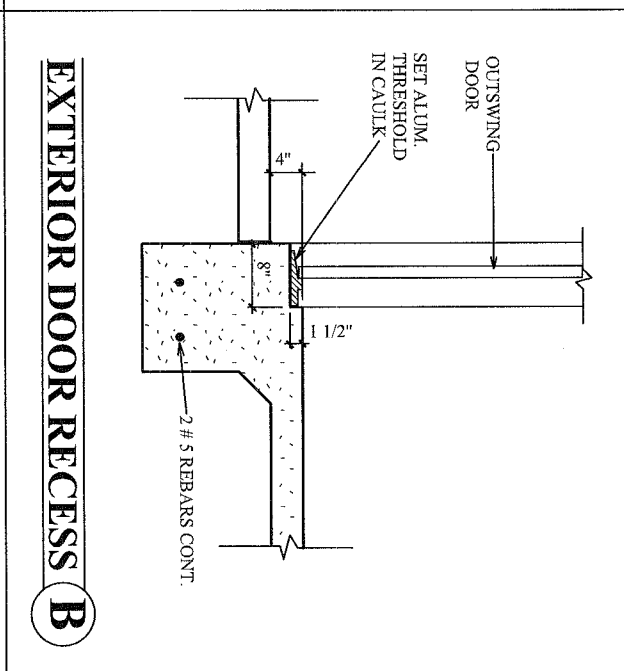
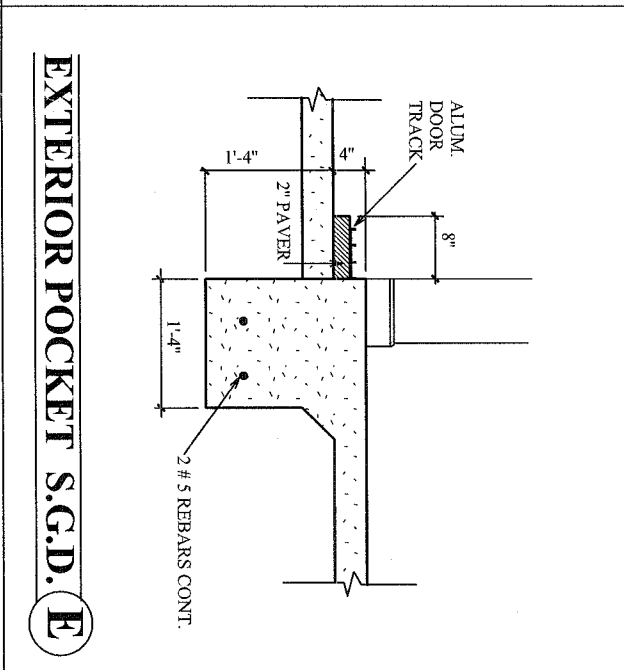
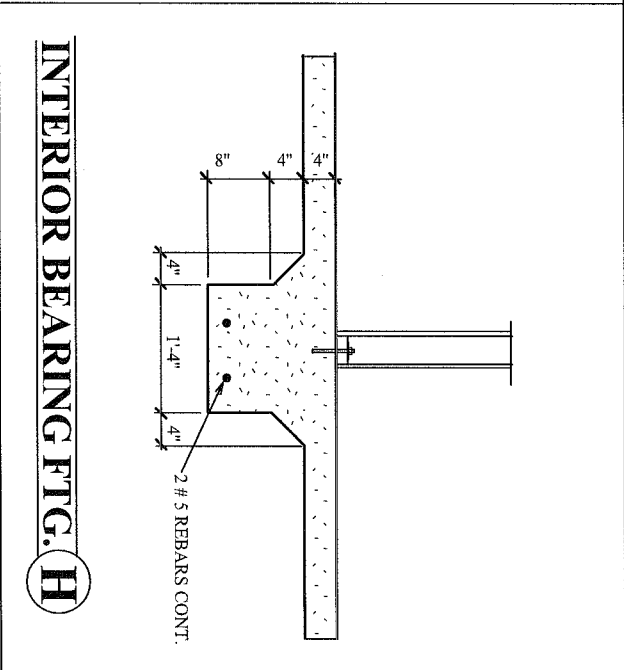
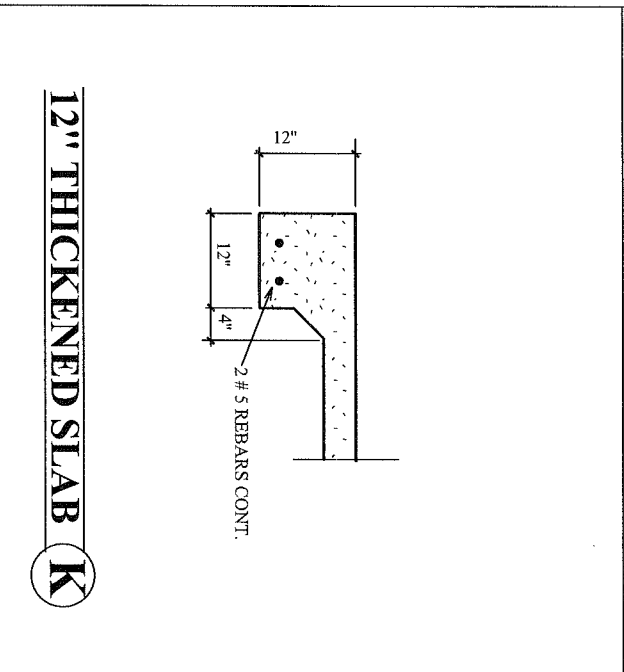
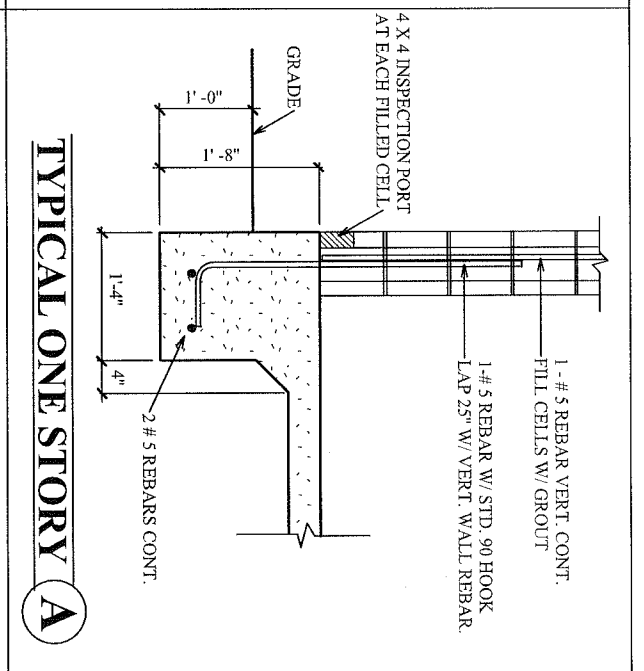
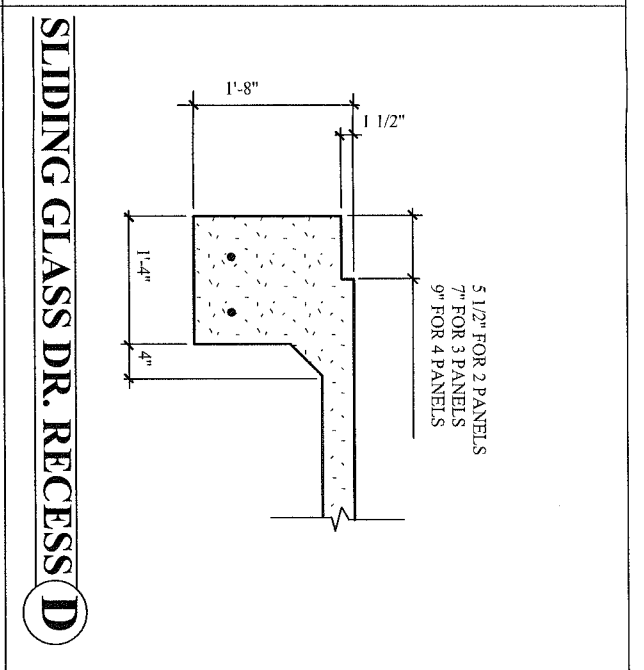
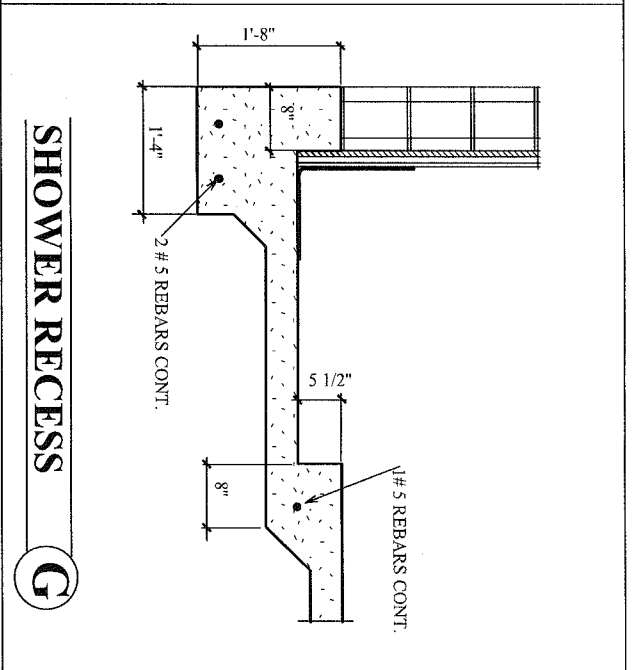
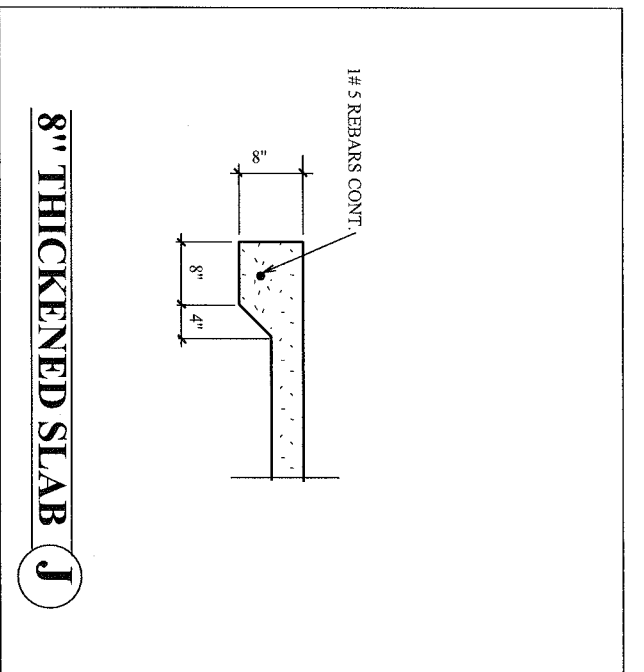
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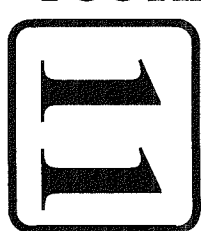
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FOOTING DETAILS

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