

34. WATERPROOFING (GENERAL):

34.1 ANY RENDERING OR NOTES OF WATERPROOFING MEASURES FOR BASEMENTS OR HALF-BASEMENTS SHOWN IN THESE PLANS WHERE A SPECIFIC CONSTRUCTION DETAIL IS NOT SHOWN IN THE STRUCTURAL DESIGN IS AN ARCHITECTURAL ILLUSTRATION ONLY AND IS NOT PART OF THE STRUCTURAL DESIGN OR THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER.

34.2 WATERPROOFING MEASURES ABOVE GRADE [E.G. FLASHING, CAULKING, SHAPE, AND LOCATION OF CRICKETS] ARE ASSOCIATED WITH ARCHITECTURAL FINISHES AND ARE NOT THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER.

35. FIRE RESISTANT DESIGN (GENERAL)

35.1 FIRE RESISTANT DESIGN OF STRUCTURAL ELEMENTS SHALL BE INCIDENTAL TO THEIR STRUCTURAL DESIGN AND SHALL BE BASED ON UNDERWRITER'S LABORATORY OR GYPSUM ASSOCIATION DESIGN FOR FIRE RATED FLOOR, WALL, AND ROOF ASSEMBLIES.

36. FLOOD RESISTANT DESIGN (GENERAL):

36.1 FLOOD RESISTANT DESIGN OF STRUCTURAL ELEMENTS SHALL BE INCIDENTAL TO THEIR STRUCTURAL DESIGN AND SHALL BE BASED ON THE REQUIREMENTS STATED IN TITLE 44 CFR SECTIONS 59 AND 60, AND ON THOSE OF THE INDIVIDUAL COMMUNITY RATING AGENCIES FOR THE GOVERNMENTAL

1. ANY RENDERINGS OF FENCES, RETAINING WALLS, OR EXTERIOR PLANTERS SHOWN IN THESE PLANS WHERE A SPECIFIC STRUCTURAL DETAIL IS NOT SHOWN FOR THEIR CONSTRUCTION ARE FOR ARCHITECTURAL ILLUSTRATION ONLY AND ARE NOT PART OF THE STRUCTURAL DESIGN OR THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER.

37.4 DRIVEWAYS AND SIDEWALKS

1. ANY DRIVEWAYS OR SIDEWALKS SHOWN IN THESE PLANS ARE FOR ARCHITECTURAL ILLUSTRATION ONLY AND ARE NOT PART OF THE STRUCTURAL DESIGN OR THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER.

JURISDICTION WHERE THE CONSTRUCTION IS TO BE DONE.

36.2 HOWEVER, THE STRUCTURAL ENGINEER IS NOT RESPONSIBLE FOR IDENTIFYING AND SHOWING ON THE PLANS THE FLOOD ZONE CATEGORY, BASE FLOOD ELEVATION, AND THE FLOOR AND STORY HEIGHTS OF THE BUILDING IN RELATION TO THE BASE FLOOD ELEVATION. THIS INFORMATION IS CONSIDERED ARCHITECTURAL AND SITE RELATED AND SHALL BE PROVIDED TO THE STRUCTURAL ENGINEER BY THE CONTRACTING CLIENT OR HIS AGENT.

37. SPECIAL CONSTRUCTION (GENERAL):

37.1 ALUMINUM STRUCTURES OTHER THAN STRUCTURAL ALUMINUM COLUMNS.

1. ANY ALUMINUM STRUCTURES SHOWN IN THESE PLANS SUCH AS PORCH AND POOL ENCLOSURES OR GUARDRAILS AND HANDRAILS ARE FOR ARCHITECTURAL ILLUSTRATION ONLY AND ARE NOT PART OF THE STRUCTURAL DESIGN OR THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER.

II. WHERE THE ALUMINUM STRUCTURE ATTACHES TO THE MAIN STRUCTURE OR IS INCORPORATED IN THE MAIN STRUCTURE, SHOP DRAWINGS FOR THESE STRUCTURES SHALL BE PROVIDED TO THE STRUCTURAL ENGINEER TO DETERMINE THEIR EFFECT ON THE MAIN STRUCTURE.

37.2 SWIMMING POOLS

1. ANY SWIMMING POOLS OR HOT TUBS SHOWN IN THESE PLANS ARE FOR ARCHITECTURAL ILLUSTRATION ONLY AND ARE NOT PART OF THE STRUCTURAL DESIGN OR THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER.

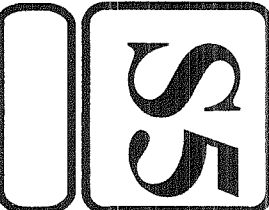
37.3 FENCES AND RETAINING WALLS

WIND LOADING AND DESIGN PRESSURES:

1. FLORIDA RESIDENTIAL BUILDING CODE 2007 EDITION WITH 2009 SUPPLEMENT, ASCE 7-05
2. BASIC DESIGN WIND SPEED: 123 MPH
3. WIND IMPORTANCE FACTOR: 1.0
4. BUILDING CATEGORY: II
5. WIND EXPOSURE: B= 1.0
6. INTERNAL PRESSURE COEFFICIENT: +/- .18 ENCLOSED
7. WIND BORNE DEBRIS ZONE - SHUTTERS REQUIRED
8. COMPONENTS AND CLADDING PRESSURES (PSF):
 - A. ROOF - ALL ZONE 3, 10 SQFT: +17.5, -58.7 PSF
 - B. WALLS - ALL ZONE 5, 10 SQFT: +30.4, -40.7 PSF
 - C. OVERHANGS - ALL ZONE 3, 10 SQFT: -95.3 PSF

MANUFACTURE TO PROVIDE SPECS OF MINIMUM PRESSURE RESISTANCE BASED UPON ABOVE COMPONENTS AND CLADDING PRESSURES AND INSTALLATION DETAILS.

WIND LOAD DESIGN DATA



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

PLAN DATE
5-02-11
5-11-11

JOB ADDRESS
 LOT 12 RIVERSIDE
 TAROPN SPRINGS

A.E.C.S. 11049-12

I HEREBY CERTIFY THAT I HAVE PERFORMED THE ATTACHED DESIGN TO COMPLY WITH 123 MPH 3 SEC. GUST LOADS AND IT IS IN COMPLIANCE WITH SECT. 301 OF THE 2007 FLORIDA RESIDENTIAL BUILDING CODE W/ 2009 SUPPLEMENTS AND ALL FOR STRUCTURE ONLY

SIGNED: *Richard E. Allen* 5/13/11
 RICHARD E. ALLEN P.E. #56920

BAY HILL

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.

TERMITE SPECIFICATIONS:

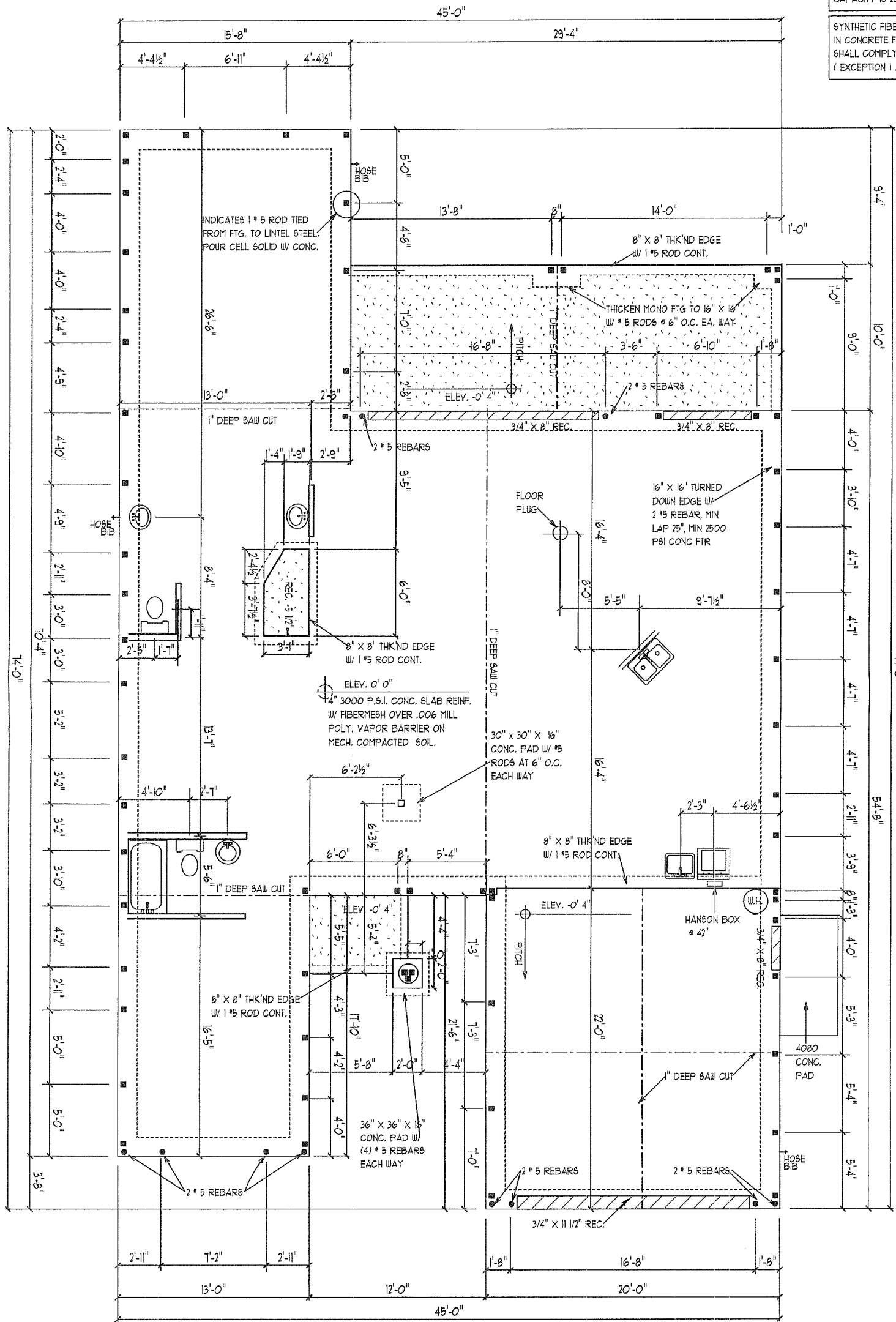
INSTALL "BORA-CARE" TERMITE PROTECTION SYSTEM
 PER MANUF. SPECIFICATIONS

NOTES

- 1) THE FOUNDATION SYSTEM FOR THIS PLAN IS DESIGNED FOR A MINIMUM ALLOWABLE SOIL BEARING PRESSURE OF 2000 P.S.F. WITH NO SOILS 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.

NO SOILS INFORMATION PROVIDED
 PRESUMPTIVE ALLOWABLE SOIL BEARING CAPACITY IS 2000 P.S.F.

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

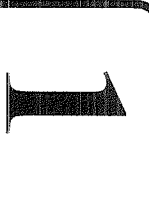


FOUNDATION PLAN

SCALE 1/8" = 1' 0"

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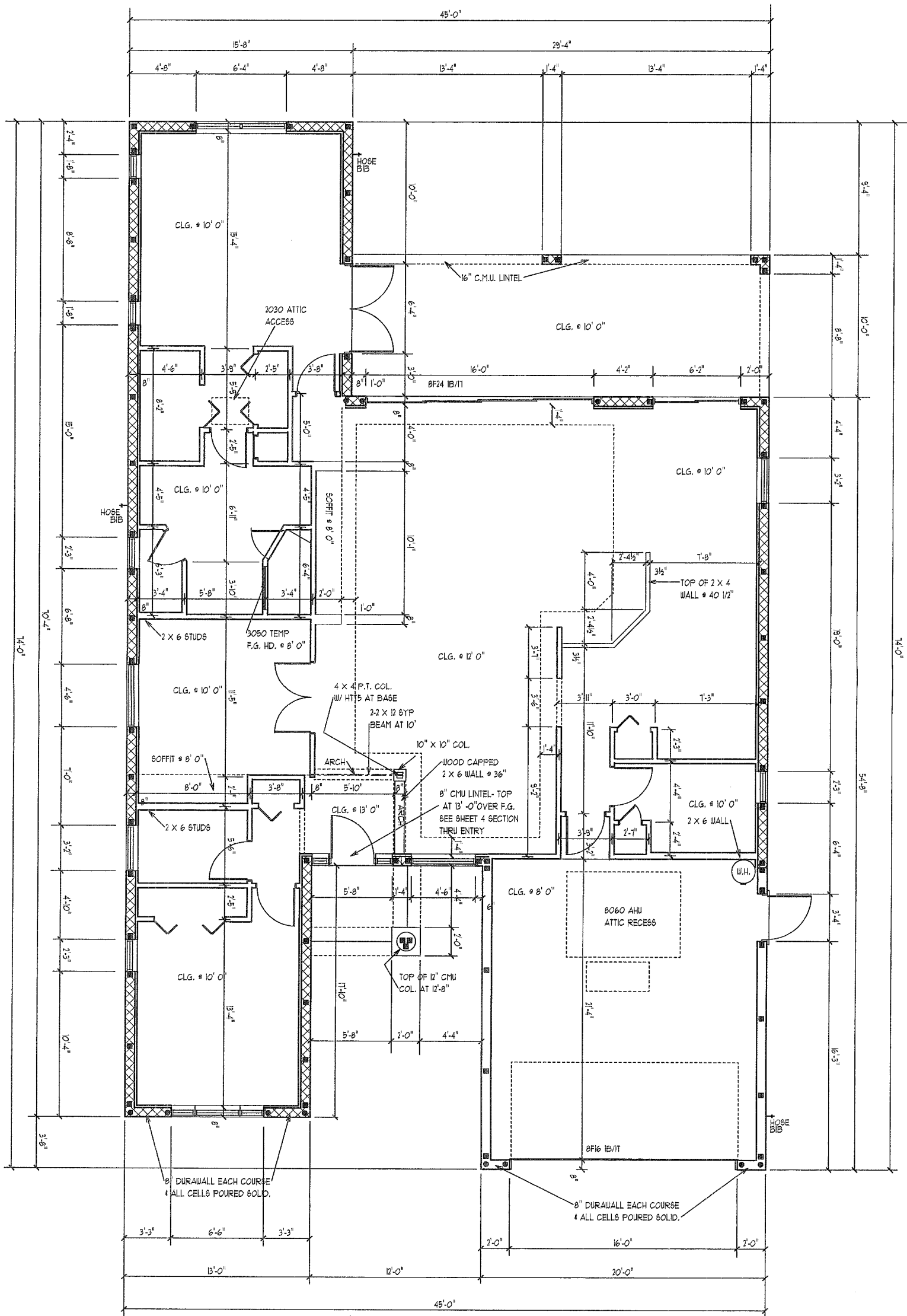
DEEB FAMILY HOMES, LTD.
 9400 RIVER CROSSING BLVD.
 NEW PORT RICHE, FL. 34655

PLAN DATE
5-02-11
5-11-11

JOB ADDRESS
 LOT 12 RIVERSIDE
 TAROPN SPRINGS

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

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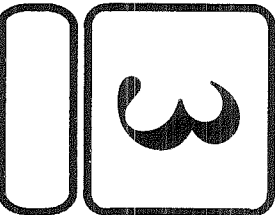


DIMENSION PLAN

SCALE 1/8" = 1' 0"

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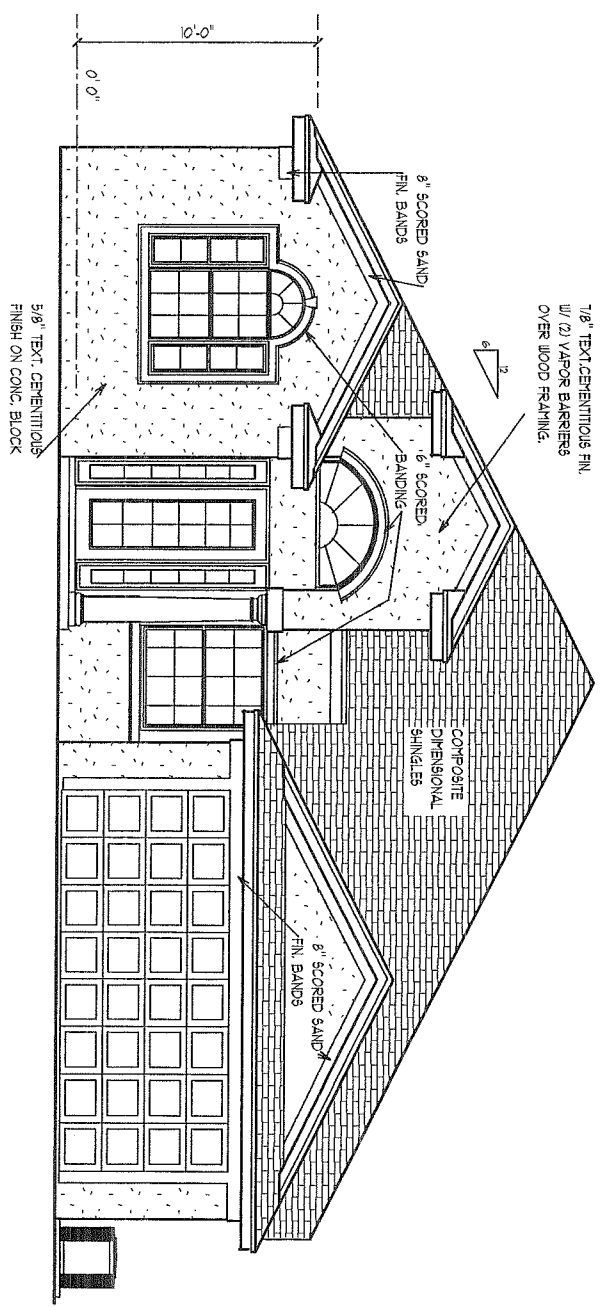
PLAN DATE
5-02-11
5-11-11

JOB ADDRESS
LOT 12 RIVERSIDE
TAROPN SPRINGS

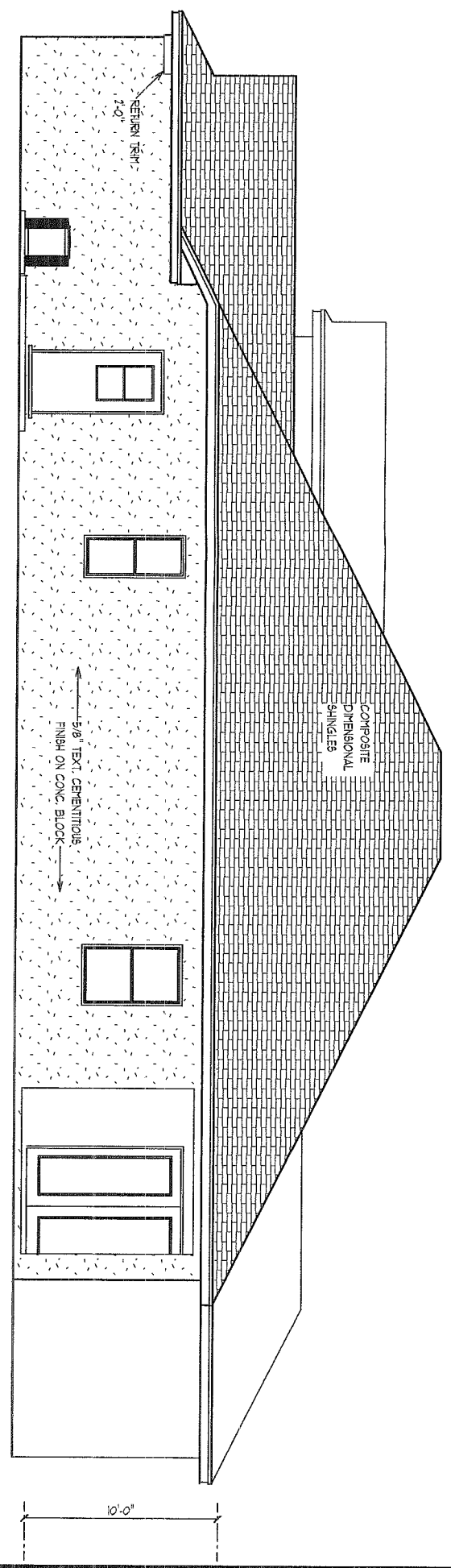
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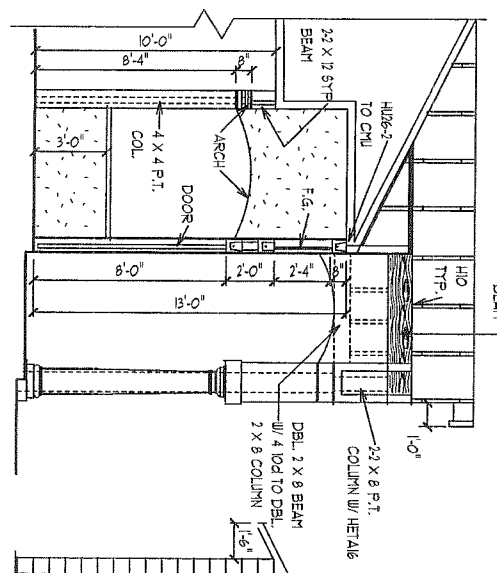
FRONT ELEVATION



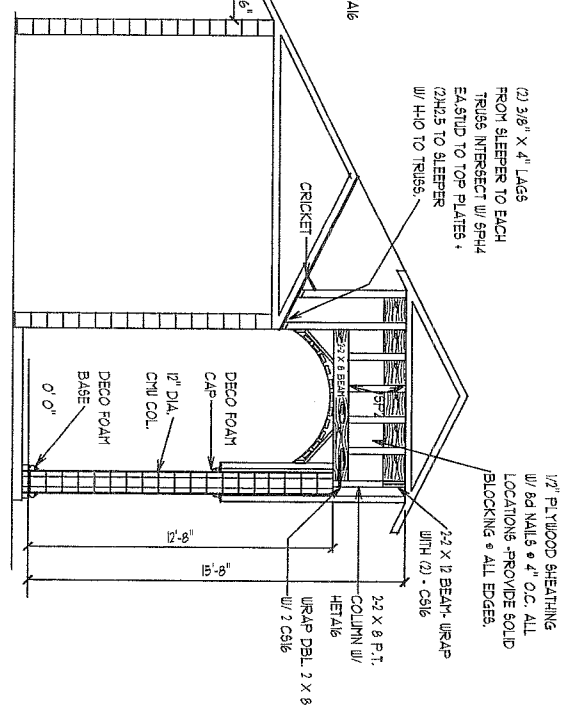
RIGHT SIDE ELEVATION



SECTION THRU ENTRY



ENTRY TOWER DETAILS

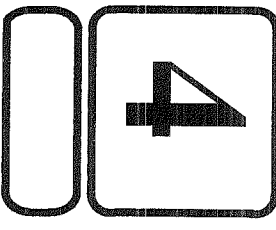


EXTERIOR ELEVATIONS -A

SCALE 1/8" = 1' 0"

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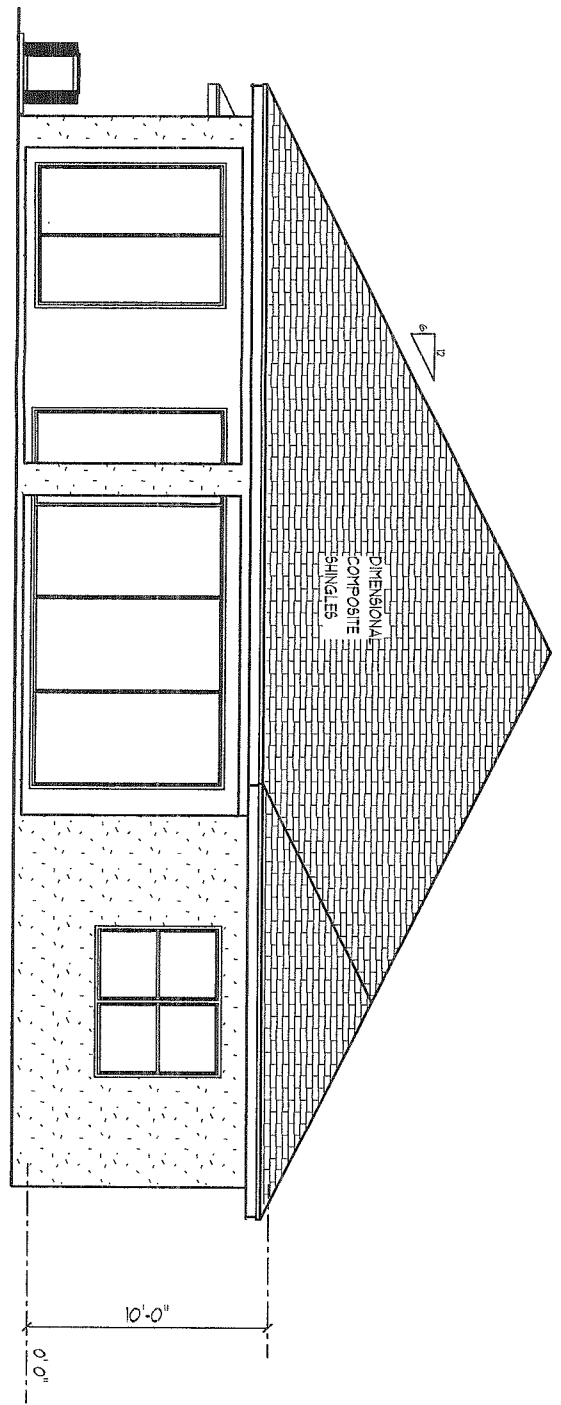
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TAROPN SPRINGS

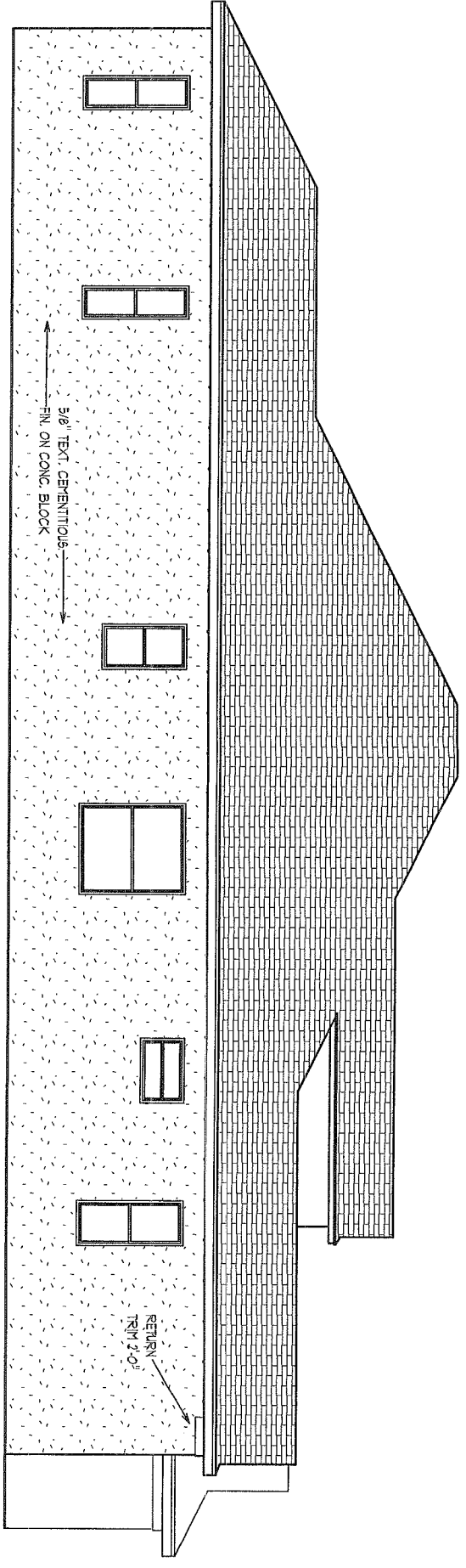
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REAR ELEVATION



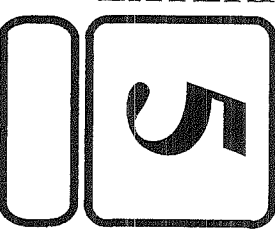
LEFT SIDE ELEVATION



EXTERIOR ELEVATIONS -A 1/8" = 1' 0"

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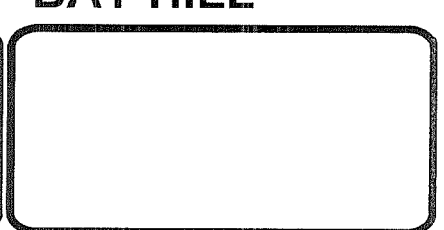
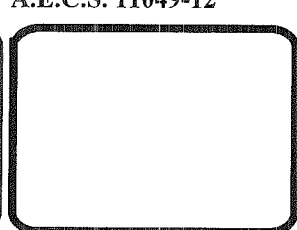
BAY HILL

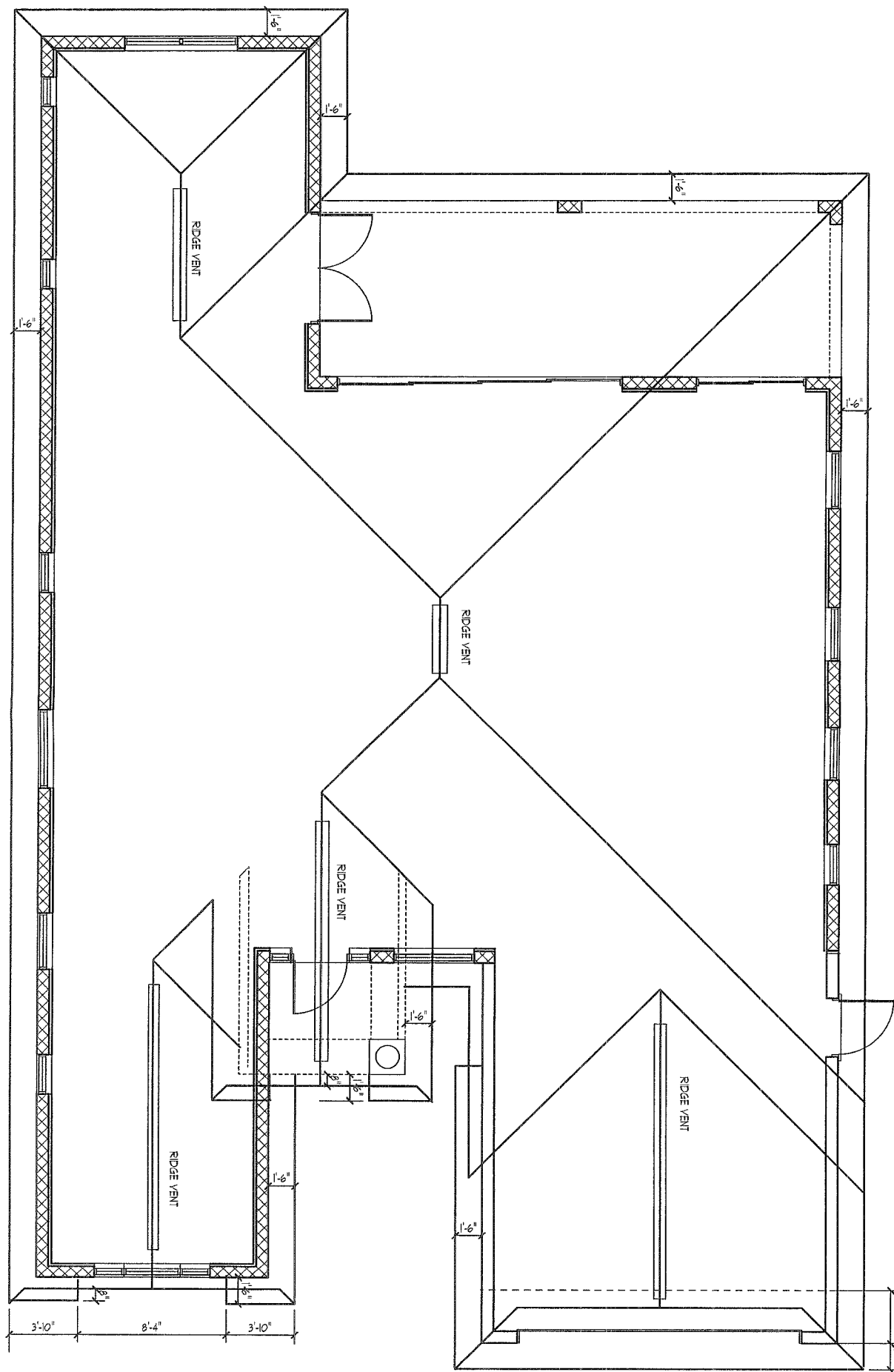


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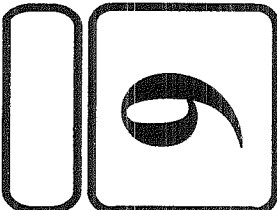


ROOF PLAN

SCALE 1/8" = 1' 0"

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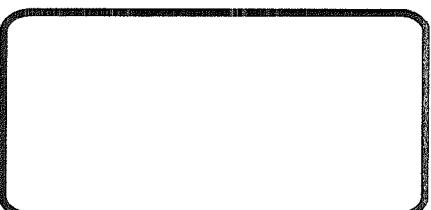
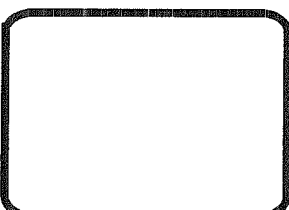
BAY HILL



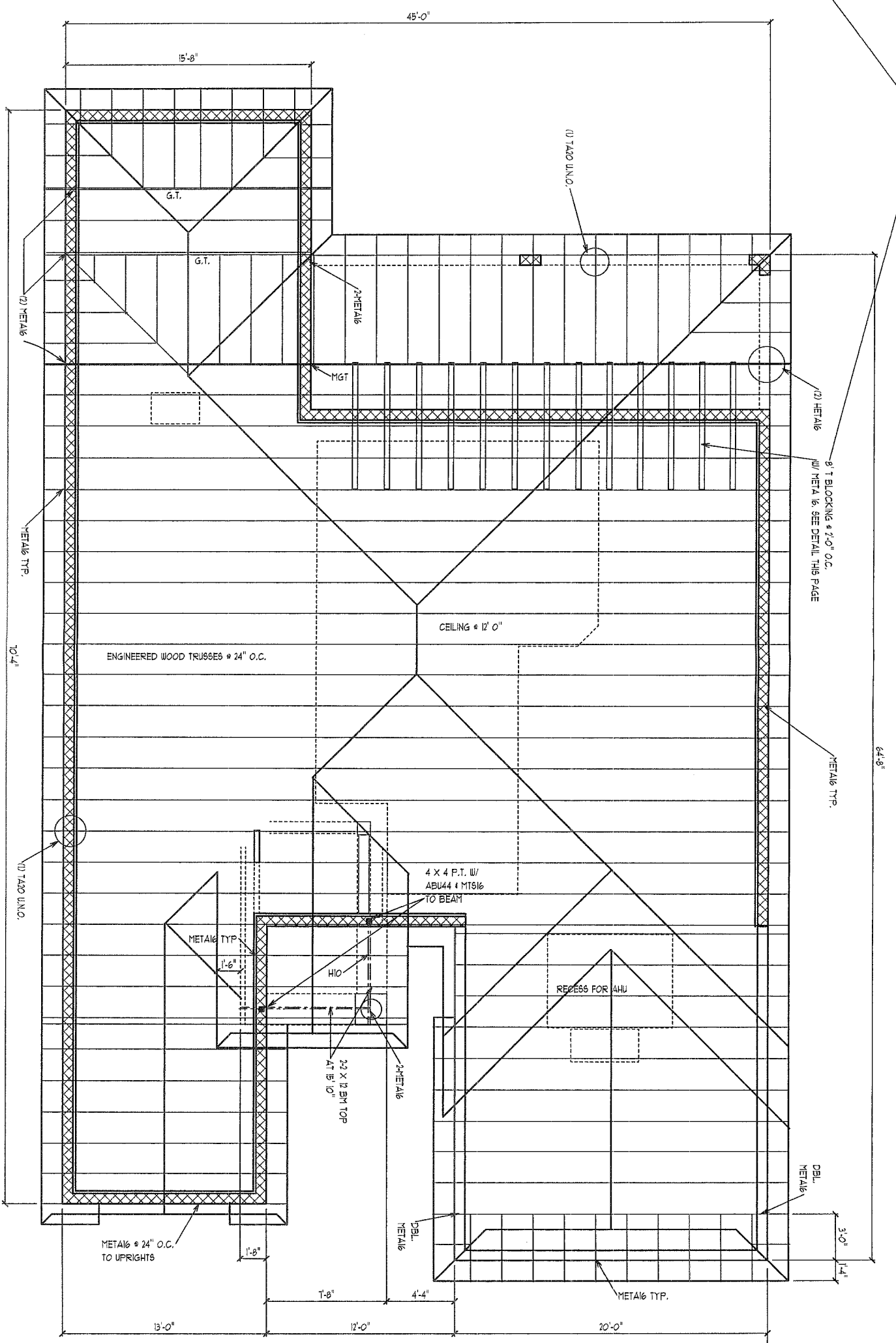
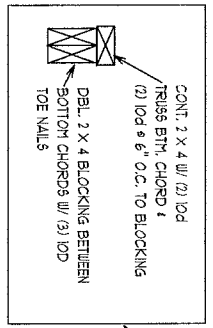
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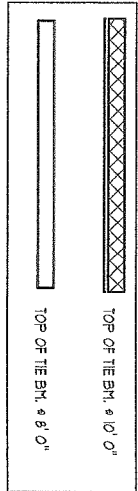


FASTENER NOTES
 (1) FOR MGT USE 5/8" X A.I.R. 1/2" EMBED, SET EPOXY
 FOR HGT-2(2) 3/4" ATR 1/2" EMBED, SET EPOXY



IMPORTANT NOTE:
 THIS FRAMING PLAN IS DIAGRAMMATIC 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.

NOTE: INSTALL MOISTURE BARRIER BETWEEN MASONRY & UNTREATED WOOD



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

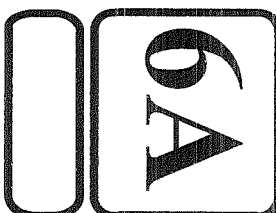
ALL TRUSS TO TRUSS CONNECTORS BY TRUSS SYSTEMS ENGINEER AND TO BE SPECIFIED ON INDIVIDUAL SEALED TRUSS SHEETS

TRUSS PLAN

SCALE 1/8" = 1' 0"

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- ELECTRICAL LEGEND**
- ☐ SINGLE POLE SWITCH
 - ☐ DOUBLE POLE SWITCH
 - ☐ THREE-WAY SWITCH
 - ☐ FOUR-WAY SWITCH
 - ☐ DIMMER SWITCH
 - ☐ CEILING FIXTURE
 - ☐ SCOURGE (WALL MOUNTED) FIXTURE
 - ☐ 110 VOLT DUPLEX OUTLET
 - ☐ 110 VOLT SPLIT SWITCHED OUTLET
 - ☐ GROUND FAULT INTERRUPT
 - ☐ 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
 - ☐ 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 6" 45"
 GARAGE GFI 6" 45"
 RANGE 20V 6" 4"

2. ALL TRIM PLATES AND DEVICES TO BE GAUGED WHERE POSSIBLE

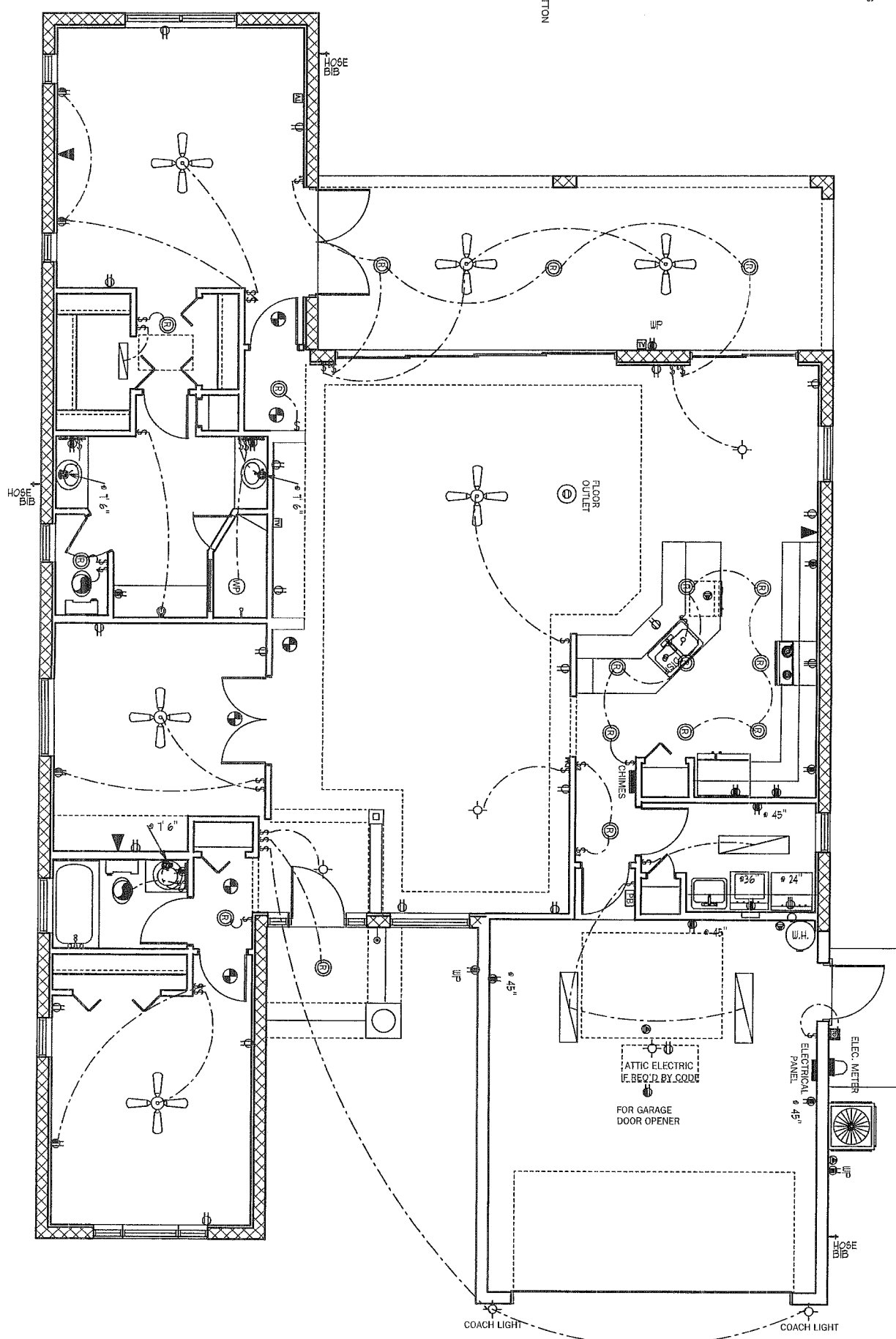
3. ELECTRICAL SWITCHES TO BE AT 42" CENTERLINE A.F.F.

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 & BIDDING 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 RECEPTACLS TO BE TAMPER PROOF PER SECT 406.11

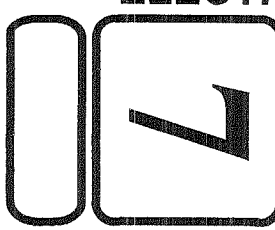


ELECTRICAL PLAN

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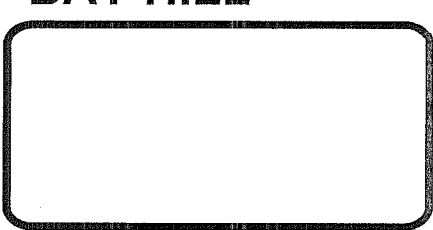
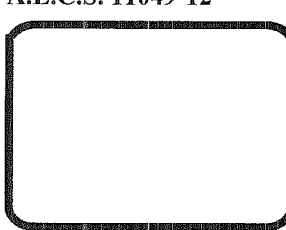
BAY HILL

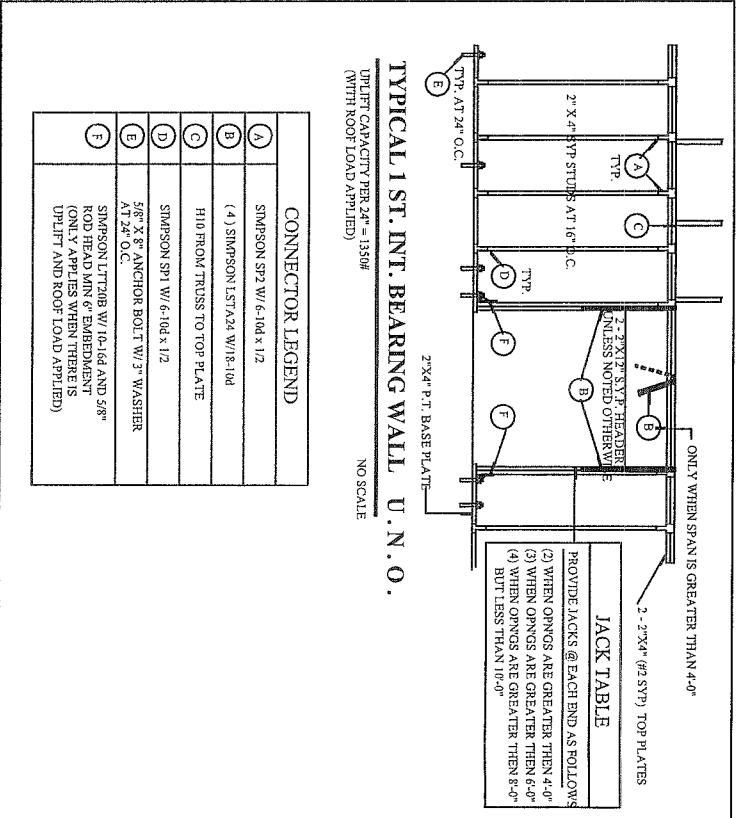
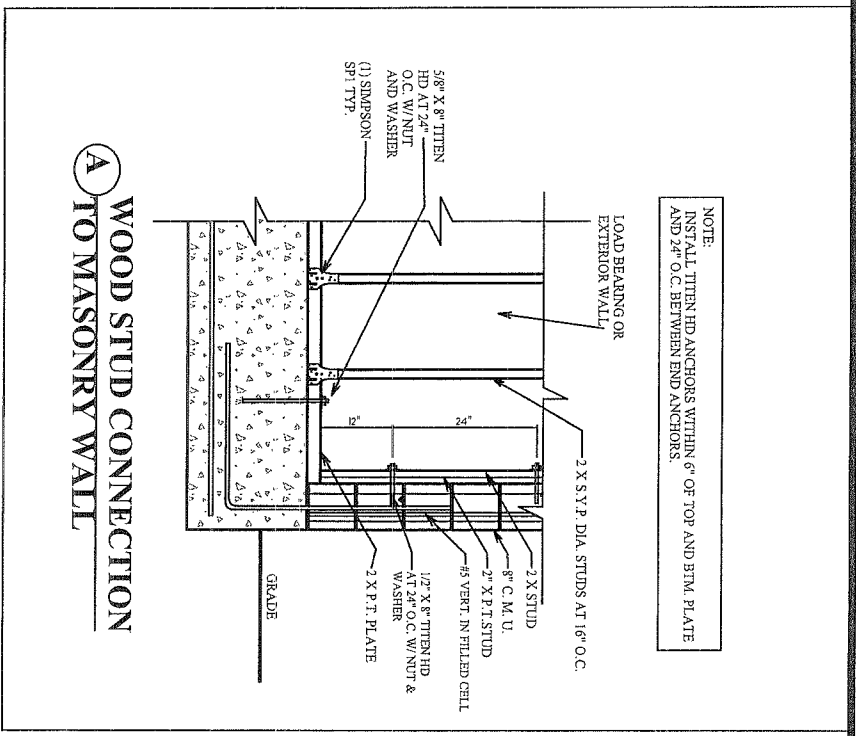
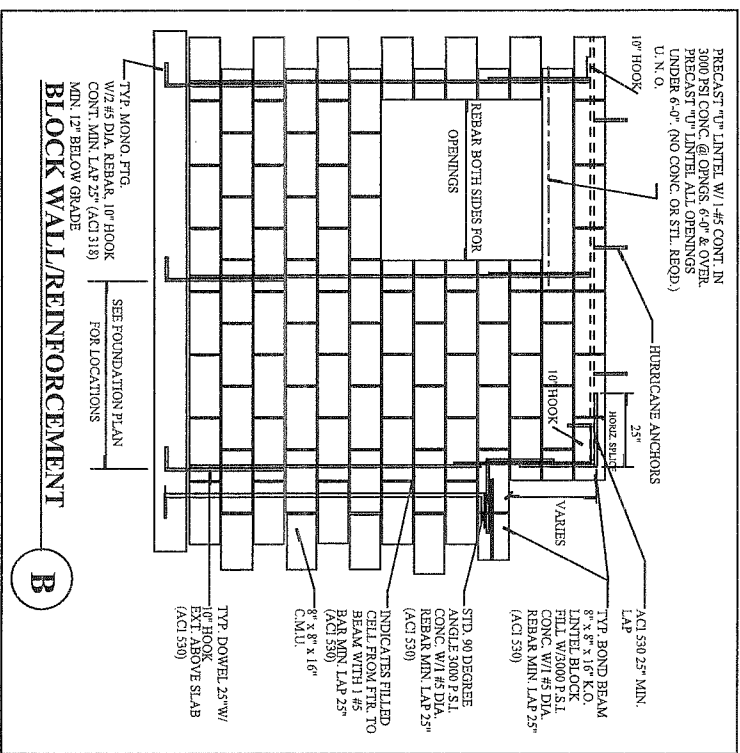


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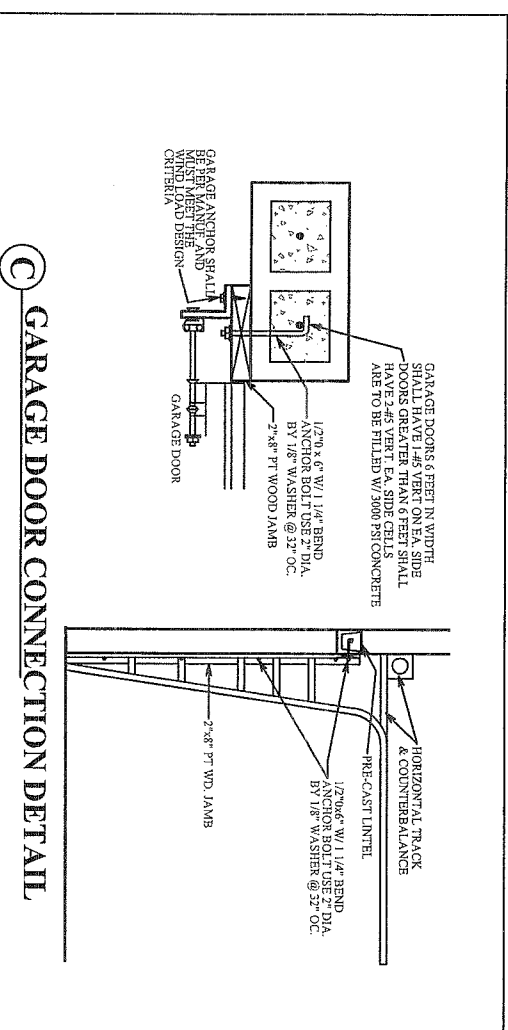
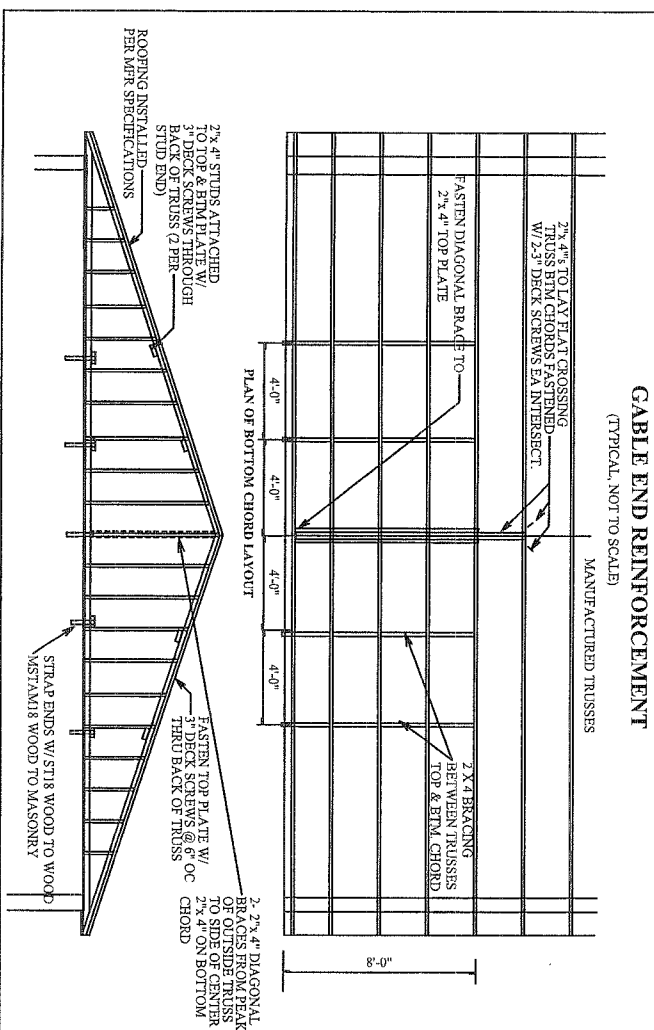
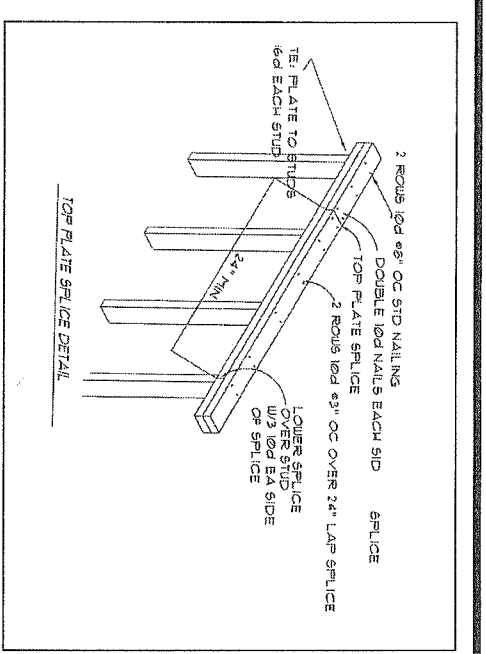
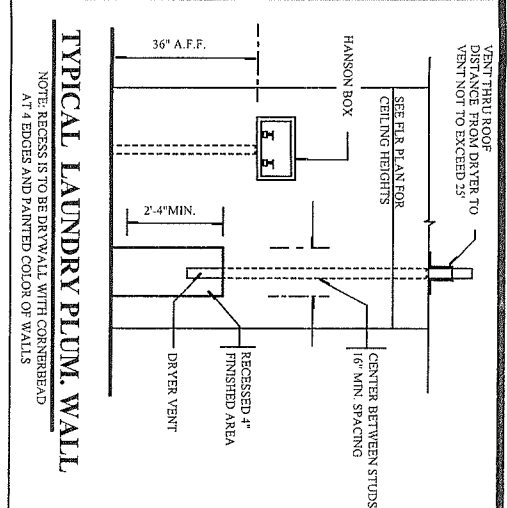
JOB ADDRESS
 LOT 12 RIVERSIDE
 TAROPN SPRINGS





CONNECTOR LEGEND

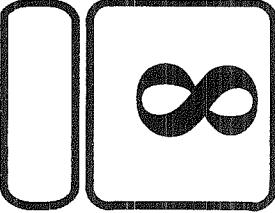
A	SIMPSON SP2 W/ 6-10d x 1/2
B	(4) SIMPSON LSTACK W/ 18-10d
C	H10 PROK TRUSS TO TOP PLATE
D	SIMPSON SP1 W/ 6-10d x 1/2
E	5/8\"/>
F	SIMPSON LTT218 W/ 10-10d and 5/8\"/>



CONSTRUCTION DETAILS

A.E.C.S. 11049-12

BAY HILL



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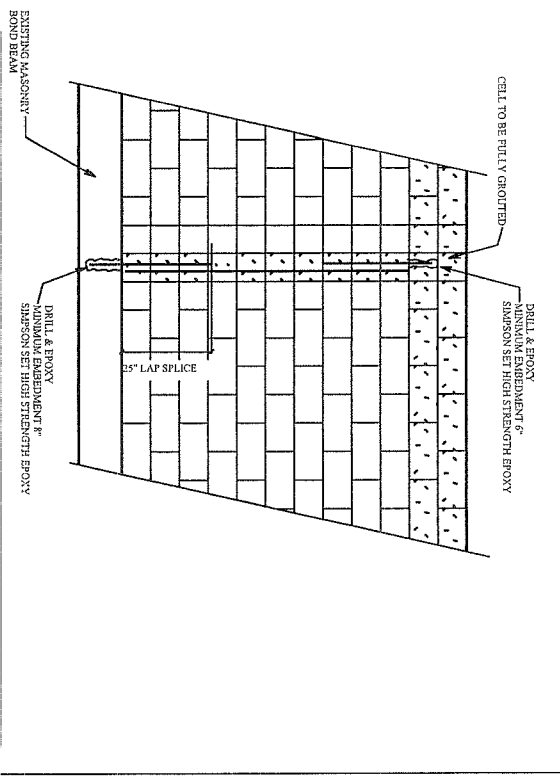
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SIGNATURE: [Signature] 5/13/11
RICHARD B. ALLEN P.E. #56920

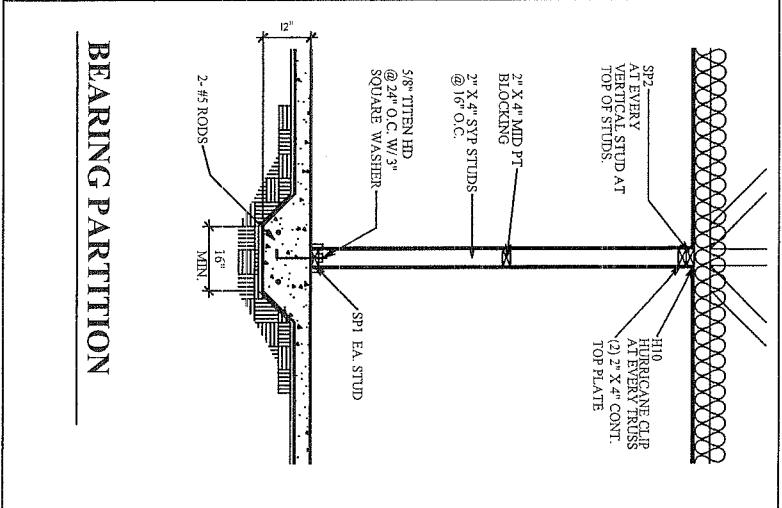
ALLEN ENGINEERING & CONSTRUCTION SERVICES
RICH ALLEN PROFESSIONAL ENGINEER
P.E. # 56920 C.A. # 9542
P.O. BOX 1870
NEW PORT RICHEY, FL. 34656
727-842-6100 Fax: 727-825-3973
rich@allenengineeringservices.com



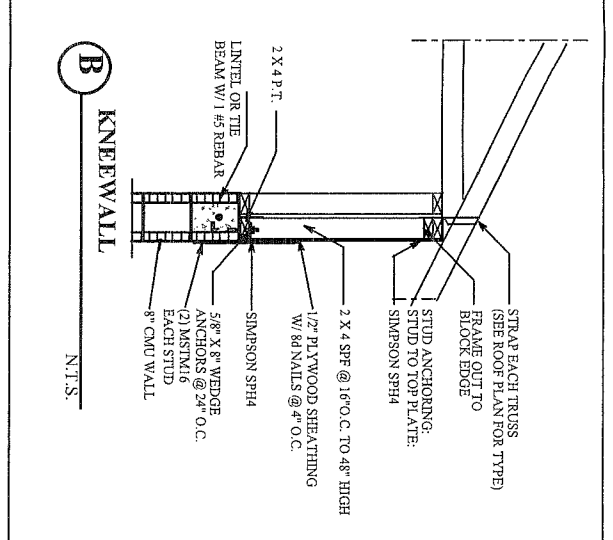
TYP. RETROFIT VERT. DOWEL CONDITION

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

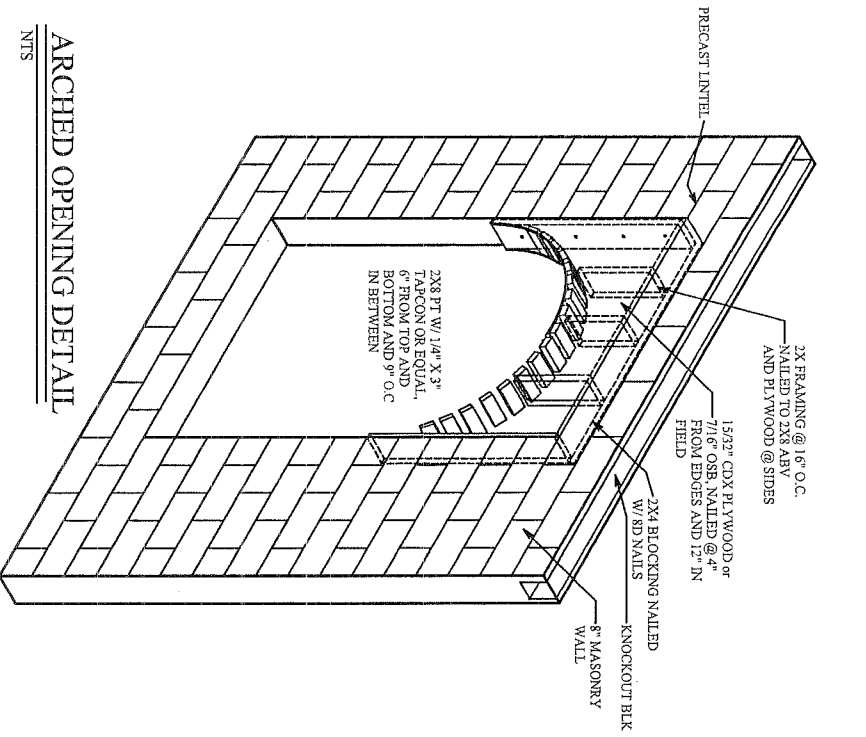
- MISSING ANCHOR BOLTS AT BEARING WALL:
- EXTERIOR BEARING WALL:
IN ADDITION TO THE GENERAL PLACEMENT REQUIREMENTS:
- 1) 5/8" DIAMETER, 6" EMBEDMENT SIMPSON TITEN HD ANCHORS SPACED A MAXIMUM OF 24" O.C.
- INTERIOR BEARING WALL:
IN ADDITION TO THE GENERAL PLACEMENT REQUIREMENTS:
- 1) 5/8" DIAMETER, 6" 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



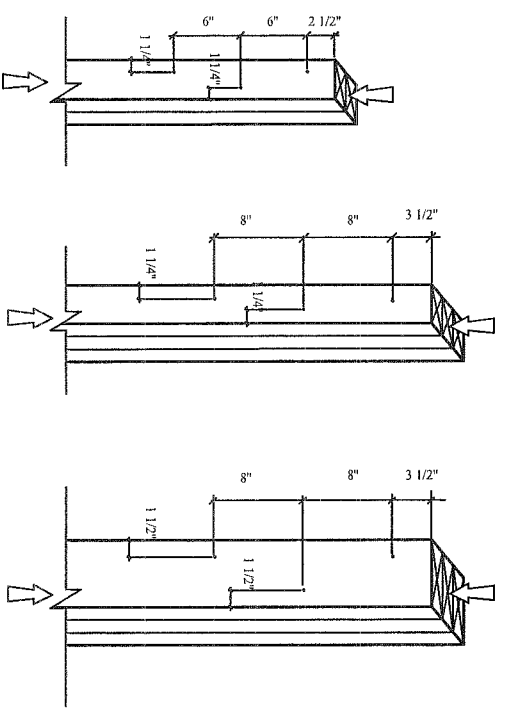
BEARING PARTITION



KNEEWALL



ARCHED OPENING DETAIL



- (2) 2"x4" ANNACTIONS W/(1) ROW OF STAGGERED 16d COMMON WIRE NAILS (D=0.148, L=3") OR EQUAL
- (3) 2"x4" ANNACTIONS W/(1) ROW OF STAGGERED 30d COMMON WIRE NAILS (D=0.207, L=4 1/2") OR EQUAL
- (3) 2"x6" ANNACTIONS W/(2) ROW OF STAGGERED 30d COMMON WIRE NAILS (D=0.207, L=4 1/2") OR EQUAL

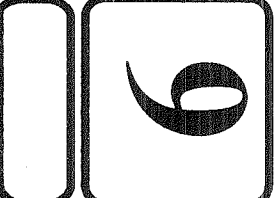
NOTES:
1) ADJACENT NAILS ARE DRIVEN FROM OPPOSITE SIDES OF THE COLUMN
2) ALL NAILS PENETRATE AT LEAST 3/4 OF THE THICKNESS OF THE LAST LAMINATION
3) THE END NAILS OF THE LAST LAMINATION SHALL BE DRIVEN FROM THE OUTSIDE FACE OF THE COLUMN
4) FOR 4"x4" PROVIDE 1/4" DIA. X 5 1/2" LAG SCREWS OR EQUAL (SPACE AS SHOWN FOR 3-PLY)
5) FOR 5-PLY, PROVIDE 1/4" DIA. X 7" LAG SCREWS OR EQUAL (SPACE AS SHOWN FOR 3-PLY)
6) REFER TO NDS SECTION 15.3 FOR ADDITIONAL INFORMATION

TYP. NAILING SCHEDULE FOR BUILT-UP COLUMNS

CONSTRUCTION DETAILS

A.E.C.S. 11049-12

BAY HILL



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

PLAN DATE
5-02-11
5-11-11

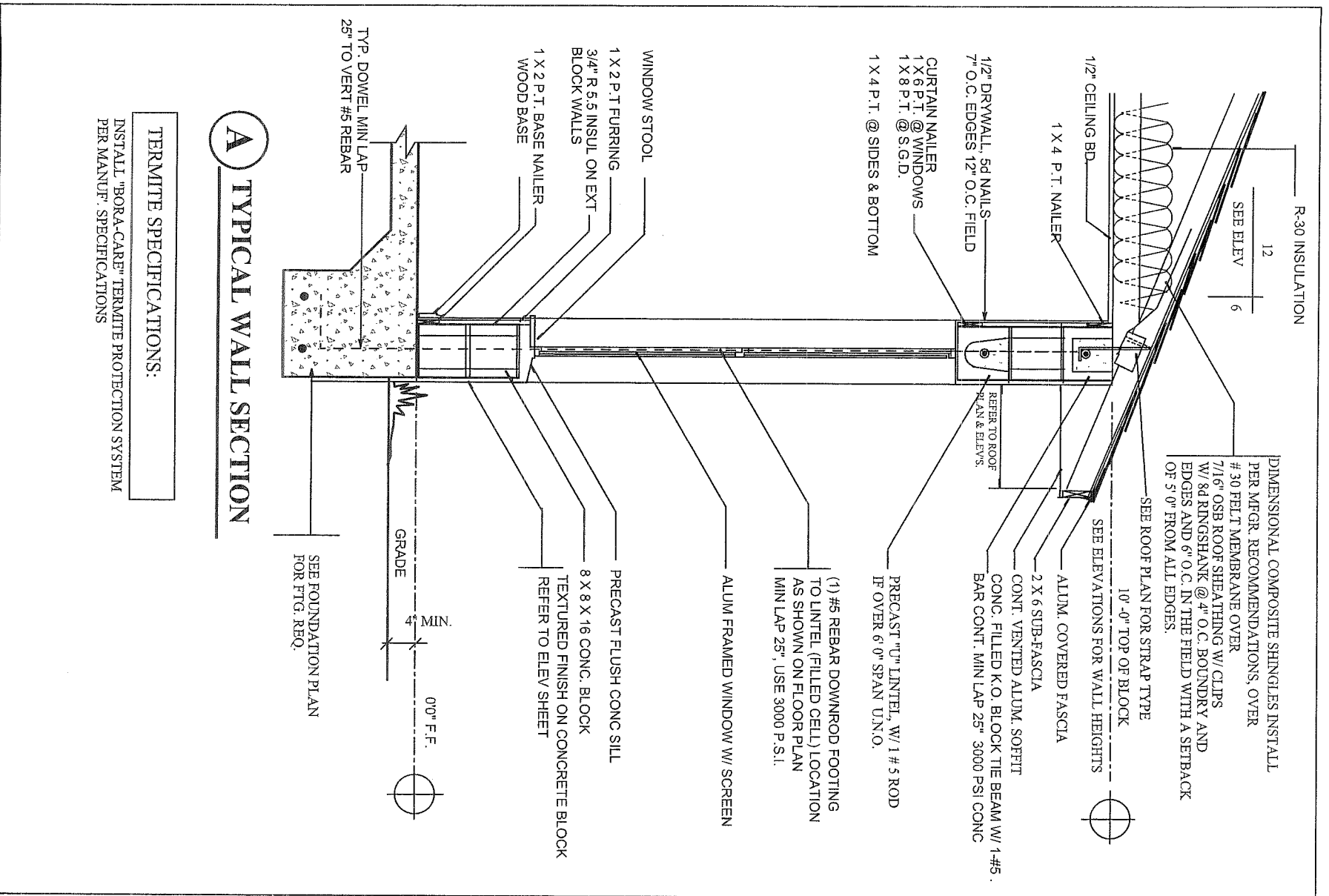
JOB ADDRESS
LOT 12 RIVERSIDE
TAROPN SPRINGS

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 SEALED FOR STRUCTURE ONLY.

SIGNED: *Richard E. Allen* 5/13/11
RICHARD E. ALLEN P.E. #56920

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CONNECTOR TABLE	
SIMPSON	FLORIDA PRODUCT NUMBERS PER INDEX 3-21-99
META16	11473,17
H3	10456,13
H4	10456,16
MOET	11470,7
LSTA24	10456,21
SP1	10456,41
SP2	10456,42
VTCA	10861,5
LG12	11470,6
ECCO3,4SDS2,5	10860,10
HTS20	10456,23
HTT16	11496,1



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

A TYPICAL WALL SECTION

CONSTRUCTION DETAILS

A.E.C.S. 11049-12

BAY HILL

10

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

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