

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):

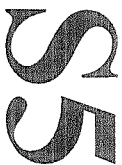
A. ROOF - ALL ZONE 3, 10 SOFT: +17.5, -58.7 PSF

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

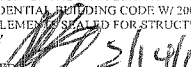
PLAN DATE

2-9-11
2-10-11

HARTIGAN RESIDENCE
1514 RIVER CT.
TARPON SPRINGS, FL. 34689

Lot 9

A.E.C.S. # 11015

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. SEALLED FOR STRUCTURE ONLY.
SIGNED: 
RICHARD E. ALLEN P.E. #56920

PEMBROOK II

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@allenengineering-services.com

- 1) THE FOUNDATION SYSTEM FOR THIS PLAN IS DESIGNED FOR A MINIMUM ALLOWABLE SOIL BEARING PRESSURE OF 1000 P.S.F. WITH NO SOILS REPORT OR INFORMATION PROVIDED.
- 2) FOOTINGS TO BEAR MIN. 12" BELOW GRADE.
- 3) FOOTINGS TO BEARS ON UNDISTURBED SOIL OR FILL COMPACTED TO 95% MOD. PROCTOR BETWEEN LESS THAN 12" LIFTS.
- 4) ALL BEARING SOILS TO BE FREE OF DEBRIS AND ORGANIC MATERIAL.
- 5) REFER TO STRUCTURAL ENGINEER NOTES.

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

DRIVEWAY SPEED;
DRIVEWAY NOT IN RIGHT OF WAY AND ALL
SIDEWALKS TO BE 4" 3000PSI CONC. w/ FIBREESH,
DRIVEWAY IN RIGHT OF WAY TO BE 6" 3000 PSI
CONCRETE WITH FIBREESH AND WIRE REINFORCEMENT.

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



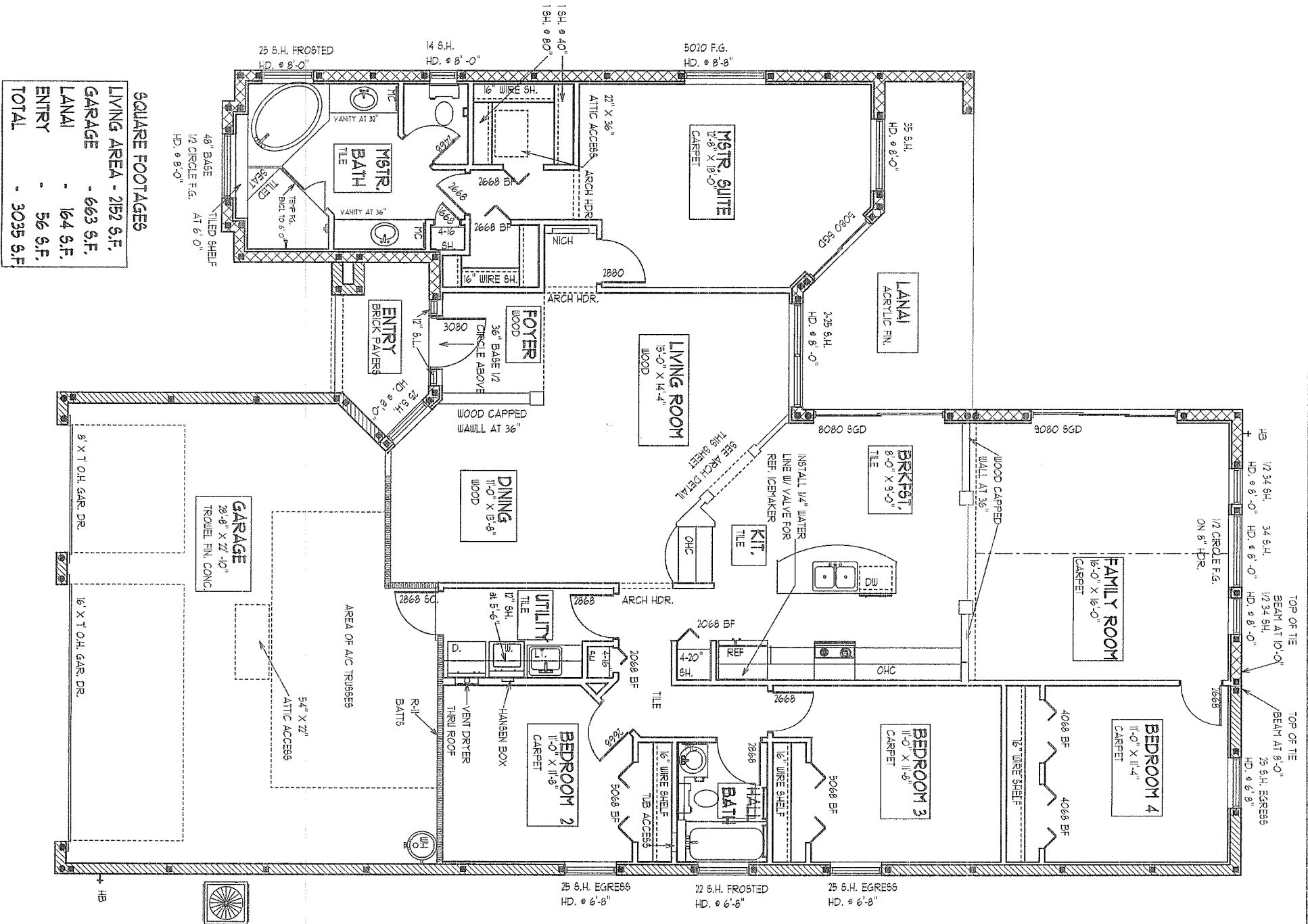
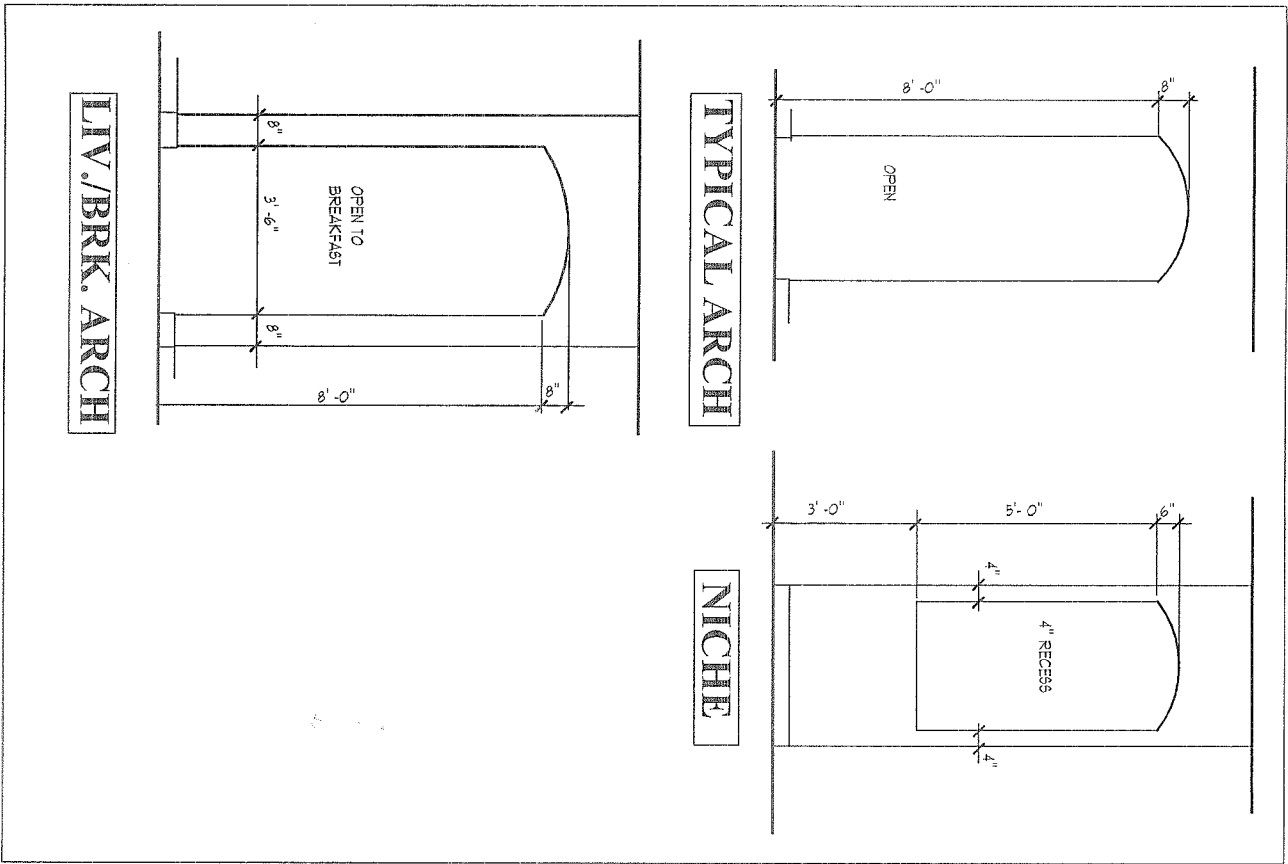
2-9-11
2-10-11

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RESIDENTIAL BUILDING CODE W/ 2009
SUPPLEMENTS SEALED FOR STRUCTURE
ONLY

SIGNED *Richard E. Allen*
RICHARD E. ALLEN P.E. #56920

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

9400 RIVER CROSSING BLD.
NEW PORT RICHEY, FL. 34655



FLOOR PLAN NOTES

SCALE 1/8" = 1' 0"

A.E.C.S. # 11015

PEMBROOK II

2

DEEB FAMILY HOMES, LTD.

9400 RIVER CROSSING BLD.
NEW PORT RICHEY, FL. 34655

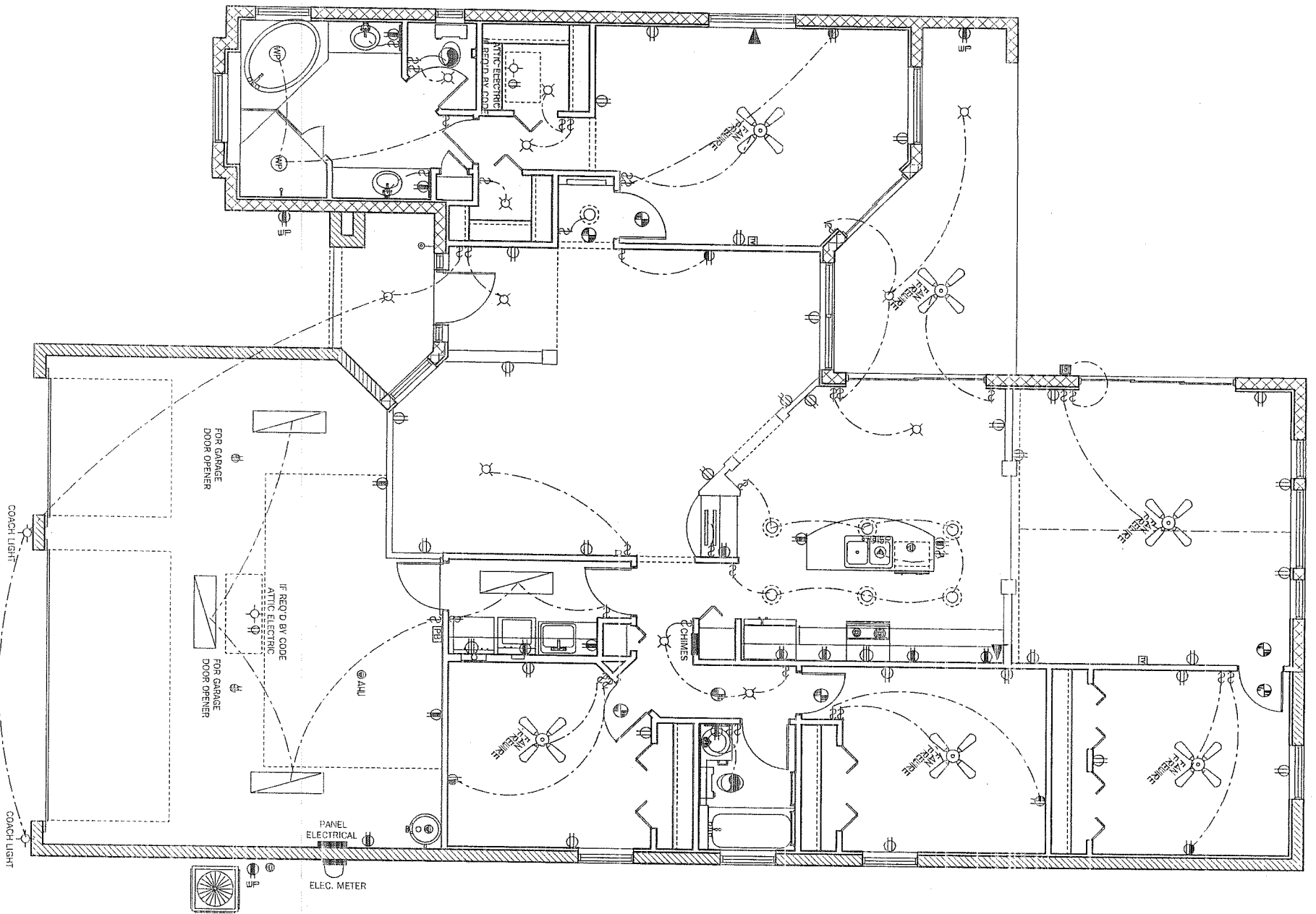
PLAN DATE

2-9-11
2-10-11

HARTIGAN RESIDENCE
1514 RIVER CT.
TARPON SPRINGS, FL. 34689

- UNLESS OTHERWISE NOTED
1. ELECTRICAL OUTLET HEIGHT MEASURED FROM FINISHED FLOOR TO CENTERLINE OF THE BOX TO BE 12" A.F.F. (GENERAL.)
- KITCHEN 42" HORIZONTAL
BATHROOM 42" HORIZONTAL
LAUNDRY 36" WASHING/ 42" DRYER/ WALL OUTLETS 45"
EXTERIOR 60" & 45"
GARAGE 200V & 4"
RANGE
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 & SIZING OF ALL ELECTRICAL WIRING & ACCESSORIES.
5. SMOKE DETECTORS SHALL BE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, SECTION 907.2
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 LEGEND**
- \$ SINGLE POLE SWITCH
\$2 DOUBLE POLE SWITCH
\$3 THREE-WAY SWITCH
\$4 FOUR-WAY SWITCH
\$DM DIMMER SWITCH
SC Ceiling Fixture
SC (WALL MOUNTED) Fixture
110 VOLT DUPLEX OUTLET
110 VOLT SPILT SWITCHED OUTLET
GFI GROUND FAULT INTERRUPT
W/P WATER PROOF W/ GROUND FAULT
220 VOLT OUTLET
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
SCOURCE (WALL MOUNTED) Fixture
DOOR BELL CHIMES
DOOR BELL
DISP DISPOSAL
DISCONNECT SWITCH
PREWIRE SPEAKER
JUNCTION BOX
THERMOSTAT
LOW VOLTAGE LIGHTING
INTERCOM SYSTEM
GARAGE DOOR PUSH BUTTON



ELECTRICAL PLAN

SCALE 1/8" = 1' 0"

A.E.C.S. # 11015

PEMBROOK II

DEEB FAMILY
HOMES, LTD.

9400 RIVER CROSSING BLD.
NEW PORT RICHEY, FL. 34655

PLAN DATE

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HARTIGAN RESIDENCE
1514 RIVER CT.
TARPON SPRINGS, FL. 34689

Lot 9

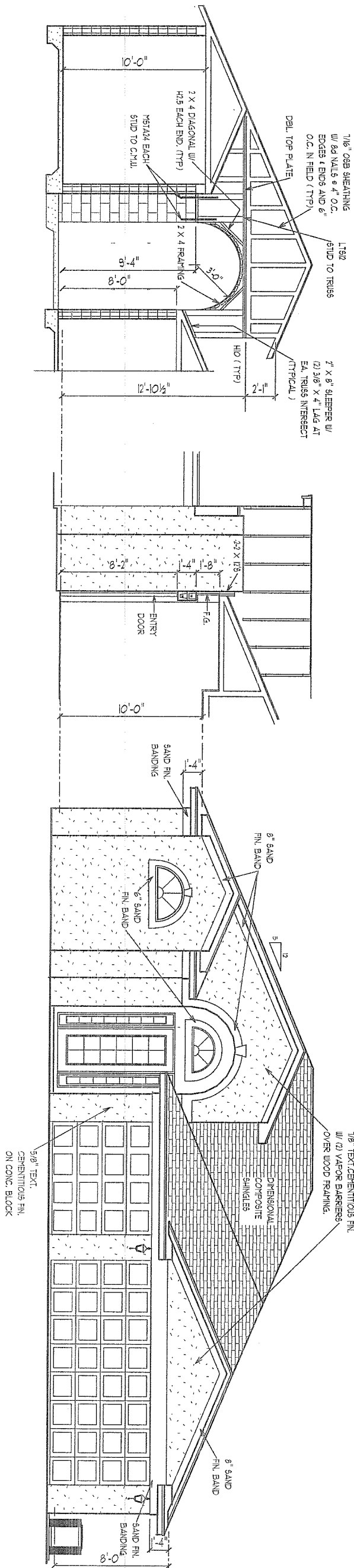
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ONLY

SIGNED
RICHARD E. ALLEN P.E. #56920

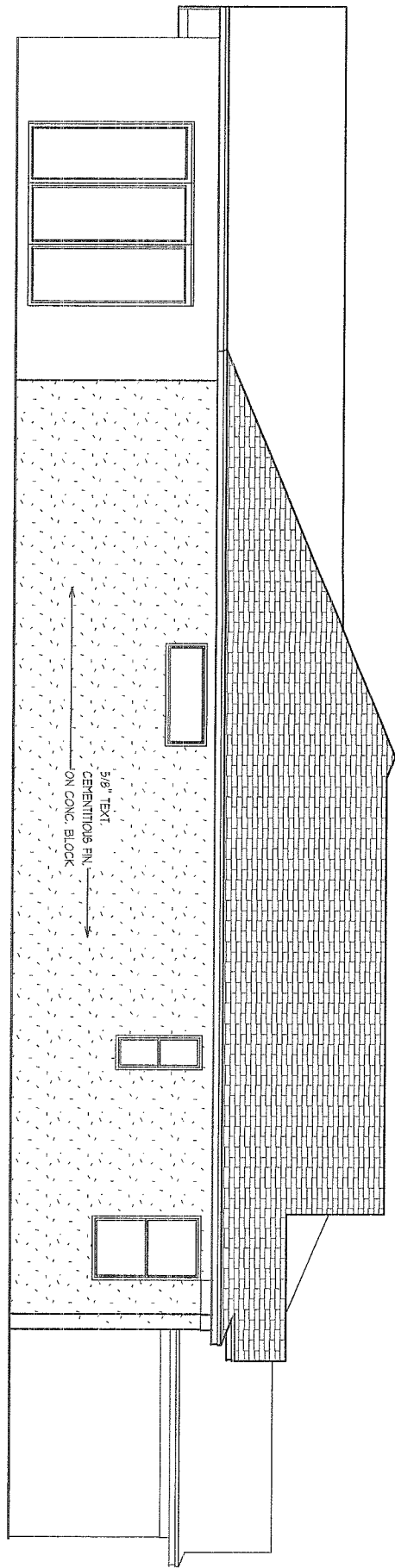
ALLEN ENGINEERING &
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RICH ALLEN PROFESSIONAL ENGINEER
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NEW PORT RICHEY, FL. 34656
727-842-6100 Fax. 727-825-3973
rich@allenengineering.com

FRONT ELEVATION



LEFT SIDE ELEVATION



EXTERIOR ELEVATIONS - B

$$1/8'' = 1' 0''$$

A.E.C.S. # 11015

PEMBROOK II

DEEB FAMILY
HOMES, LTD.

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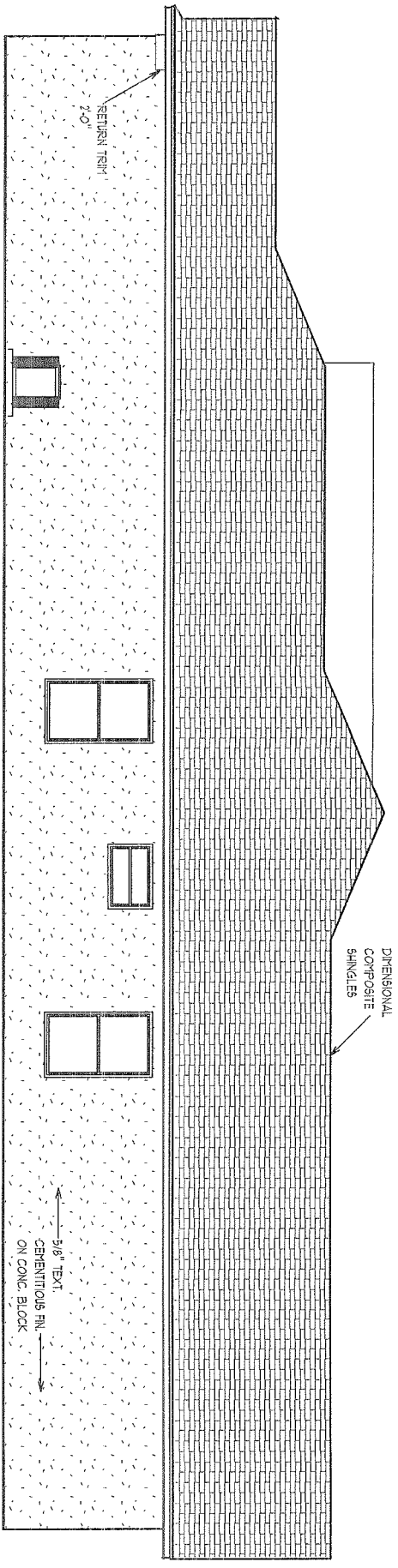
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TARPON SPRINGS, FL. 34689

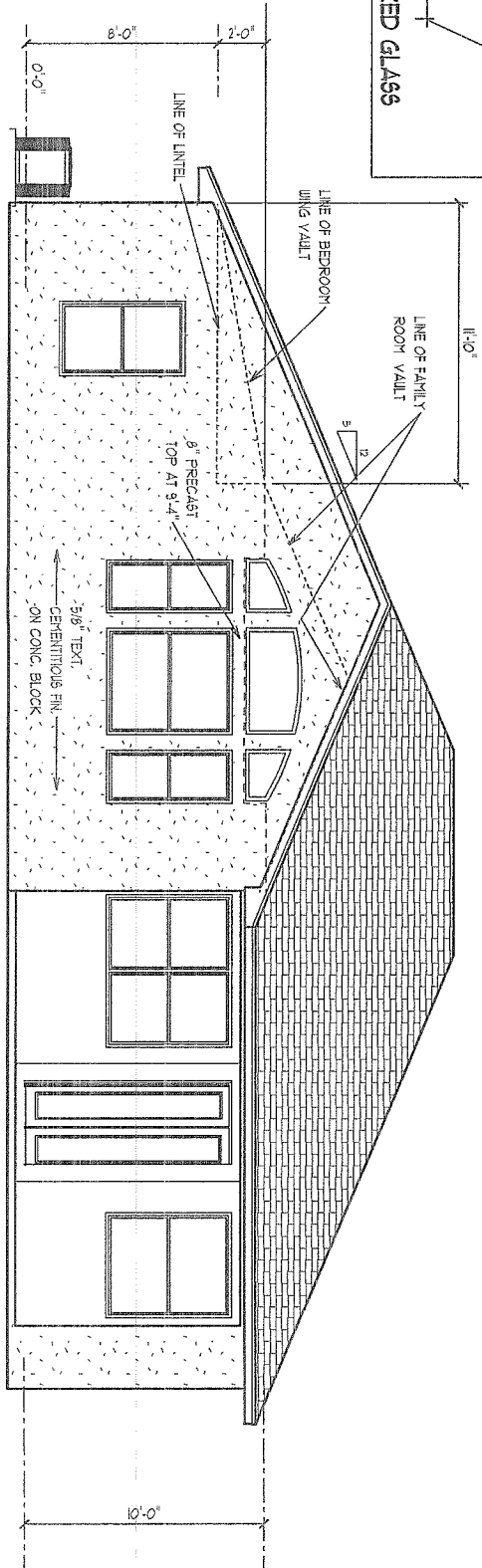
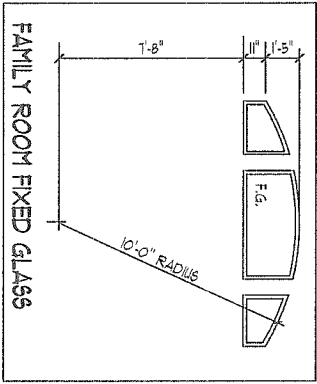
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SIGNED 
RICHARD E. ALLEN P.E. #5692

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rich@allenengineeringservices.com



LEFT SIDE ELEVATION



REAR ELEVATION

EXTERIOR ELEVATIONS -B

1/8" = 1' 0"

A.E.C.S. # 11015

PEMBROOK II

5

DEEB FAMILY HOMES, LTD.

9400 RIVER CROSSING BLD.
NEW PORT RICHEY, FL. 34655

PLAN DATE

2-9-11

2-10-11

HARTIGAN RESIDENCE

1514 RIVER CT.

TARPON SPRINGS, FL. 34689

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

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

NOTE: INSTALL MOISTURE BARRIER
BETWEEN MASONRY & UNTREATED WOOD

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

4 STUD 2 X 6 STP
W/ (2) 10d @ 6" O.C. EACH LAYER
W/ (2) LGT TO G.T.
W/ HTTS TO FOUNDATION



PLAN DATE

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HARTIGAN RESIDENCE
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[Signature]
SIGNATURE
RICHARD E. ALLEN P.E. #56920

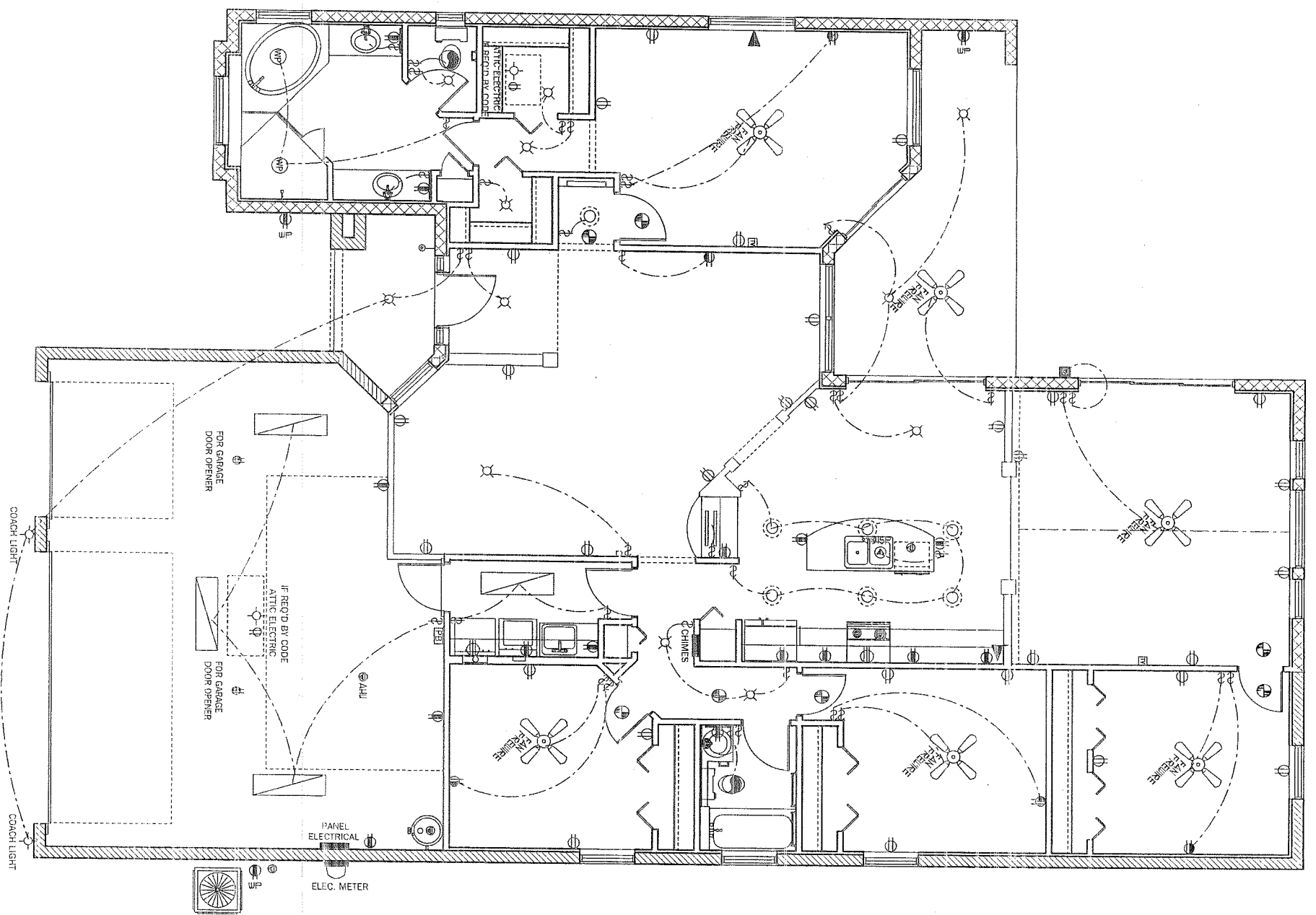
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A

- # ELECTRICAL LEGEND
- | | | | |
|---|--------------------------------|---|---|
|  | \$1 SINGLE POLE SWITCH |  | SMOKE DETECTOR CARBON MONOXIDE DETECTOR |
|  | \$2 DOUBLE POLE SWITCH |  | FLOOD LIGHT |
|  | \$3 THREE-WAY SWITCH |  | FLUORESCENT LIGHTING |
|  | \$4 FOUR-WAY SWITCH |  | TRACK LIGHTING |
|  | \$DM DIMMER SWITCH |  | CEILING FAN |
|  | CEILING FIXTURE |  | DOOR BELL CHIMES |
|  | SCONCE (WALL MOUNTED) FIXTURE |  | DOOR BELL |
|  | 110 VOLT DUPLEX OUTLET |  | DISPOSAL |
|  | 110 VOLT SPLIT SWITCHED OUTLET |  | DISCONNECT SWITCH |
|  | GROUND FAULT INTERRUPT |  | JUNCTION BOX |
|  | WATER PROOF W/ GROUND FAULT |  | PREWIRE SPEAKER |
|  | 220 VOLT OUTLET |  | THERMOSTAT |
|  | SPECIAL SERVICES OUTLET |  | LOW VOLTAGE LIGHTING |
|  | TV CABLE OUTLET |  | INTERCOM SYSTEM |
|  | TELEPHONE CABLE OUTLET |  | GARAGE DOOR PUSH BUTTON |
|  | RECESSED LIGHTING | | |
|  | WATER PROOF RECESSED LIGHTING | | |
|  | BATH FAN | | |
|  | BATH FAN W/ LIGHT | | |



PEMBROOK II

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RICH ALLEN PROFESSIONAL ENGINEER
P.E. # 56920 C.A. # 9542

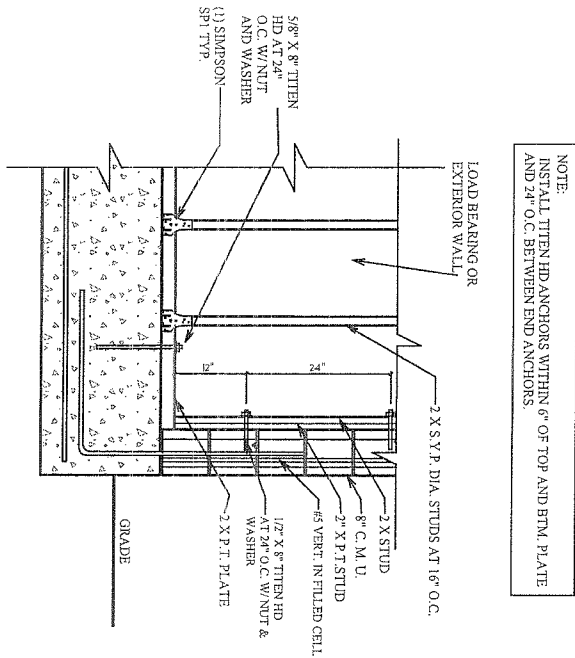
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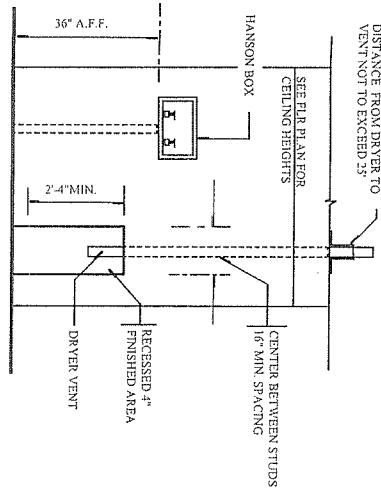
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Lot 9

SIGNED _____
RICHARD E. ALLEN P.E. #56920

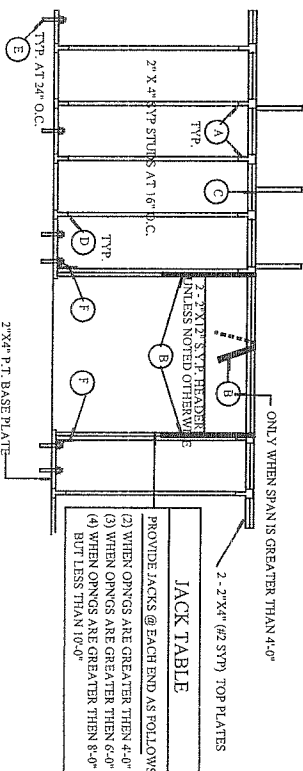
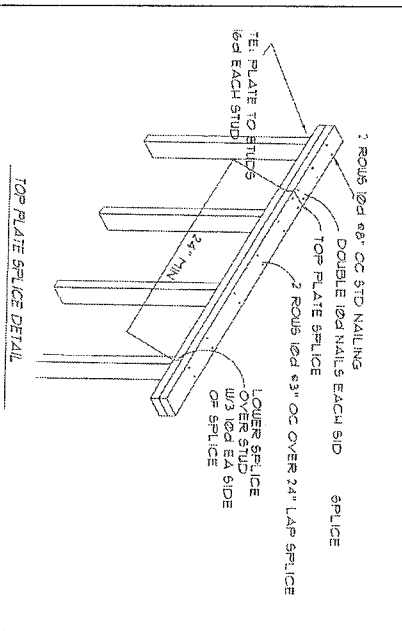


A WOOD STUD CONNECTION TO MASONRY WALL



TYPICAL LAUNDRY PLUM. WALL

NOTE: HEIGHTS TO BE DRYWALL WITH CORNERBAND AT 4 EDGES AND PAINTED COLOR OF WALLS



TYPICAL 1ST. INT. BEARING WALL, U.N.O.

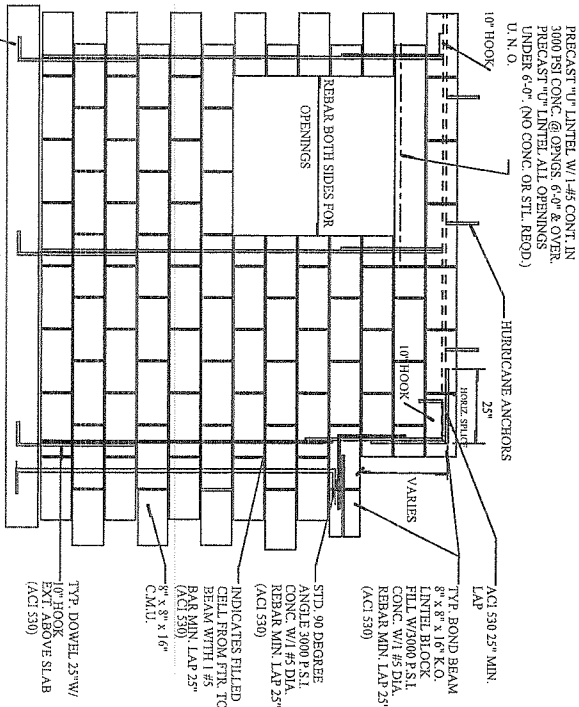
(UPLIFT CAPACITY PER 24\"/>

NO SCALE

CONNECTOR LEGEND

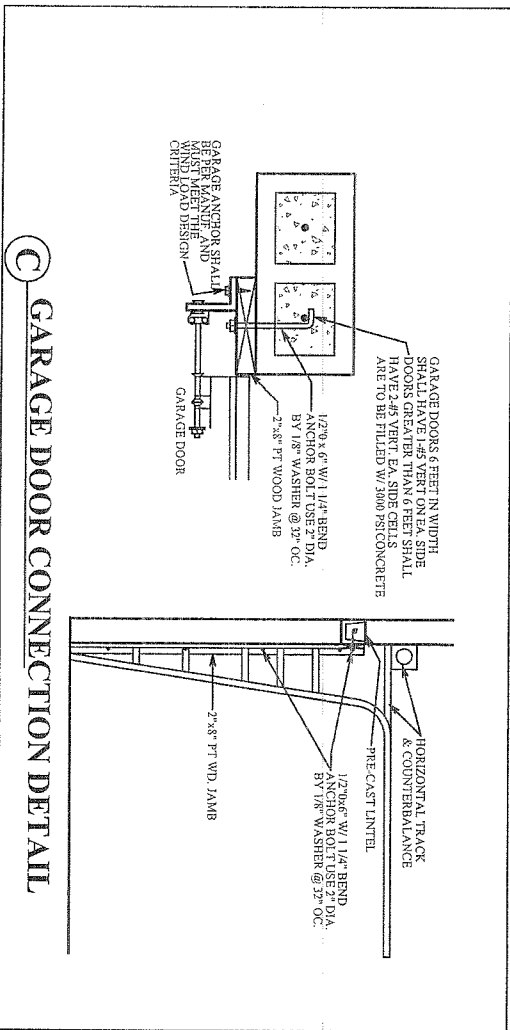
A	SIMPSON SP2 W/ 6-10d x 1/2
B	(4) SIMPSON LSTA24 W/18-10d
C	H10 RIBBON TRUSS TO TOP PLATE
D	SIMPSON SP1 W/ 6-10d x 1/2
E	5/8\"/>
F	SIMPSON LTTOR W/ 10-14d AND 5/8\"/>

(ONLY APPLIES WHEN THERE IS UPLIFT AND ROOF LOAD APPLIED)



B BLOCK WALL/REINFORCEMENT

SEE FOUNDATION PLAN FOR LOCATIONS



C GARAGE DOOR CONNECTION DETAIL

CONSTRUCTION DETAILS

8

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

PLAN DATE
2-9-11
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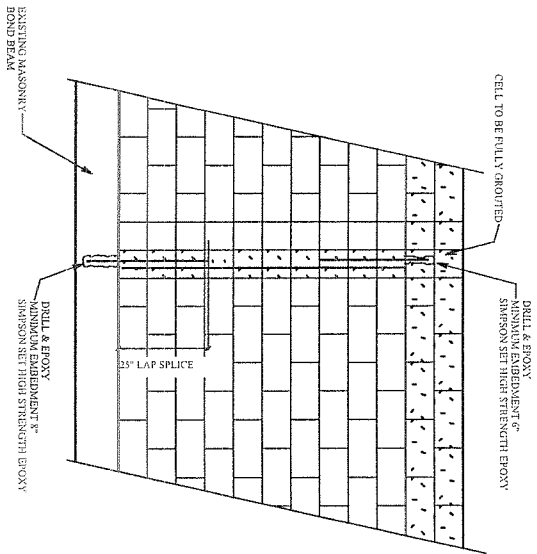
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SIGNATURE: *Richard E. Allen*
RICHARD E. ALLEN P.E. #56920

PEMBROOK II

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TYP. RETROFIT VERT. DOWEL CONDITION

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

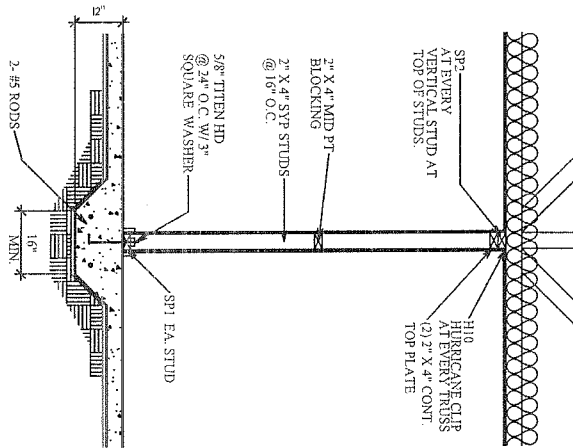
- 1) 5/8" DIAMETER x 6" EMBEDMENT SIMPSON TITEN HD ANCHORS SPACED A MAXIMUM OF 24" O.C.

INTERIOR BEARING WALL:

IN ADDITION TO THE GENERAL PLACEMENT REQUIREMENTS:

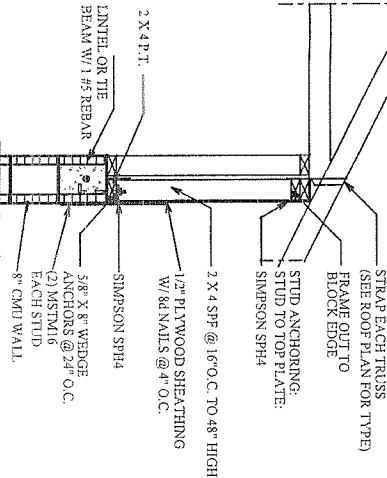
- 1) 5/8" DIAMETER x 6" EMBEDMENT SIMPSON TITEN HD ANCHORS SPACED A MAXIMUM OF 24" O.C. IF RESISTING UPLIFT LOADS OR 3 1/2" EMBEDMENT AT 48" O.C. IF RESISTING GRAVITY LOADS

BEARING PARTITION



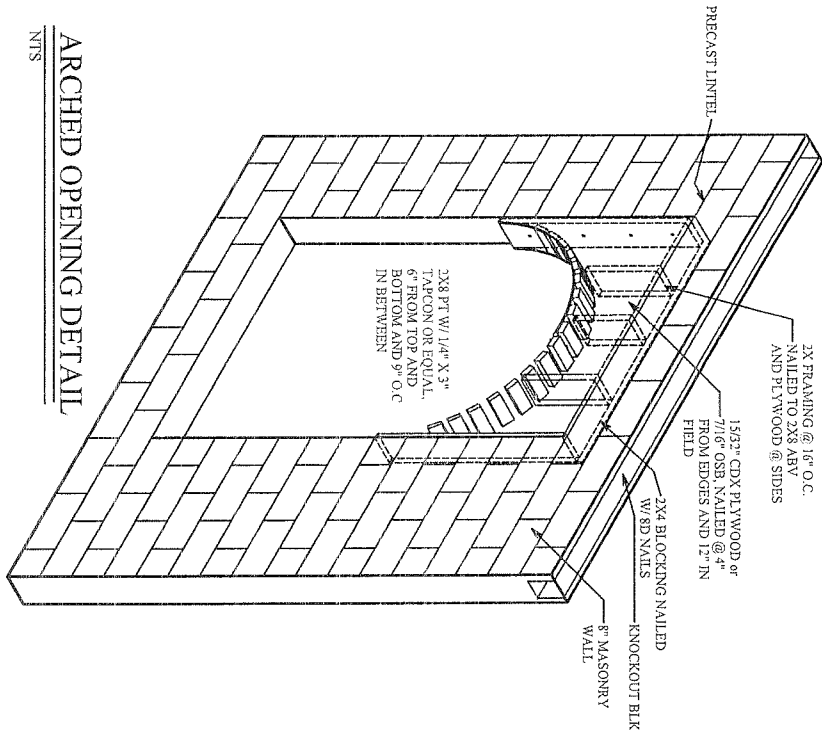
KNEEWALL

N.T.S.

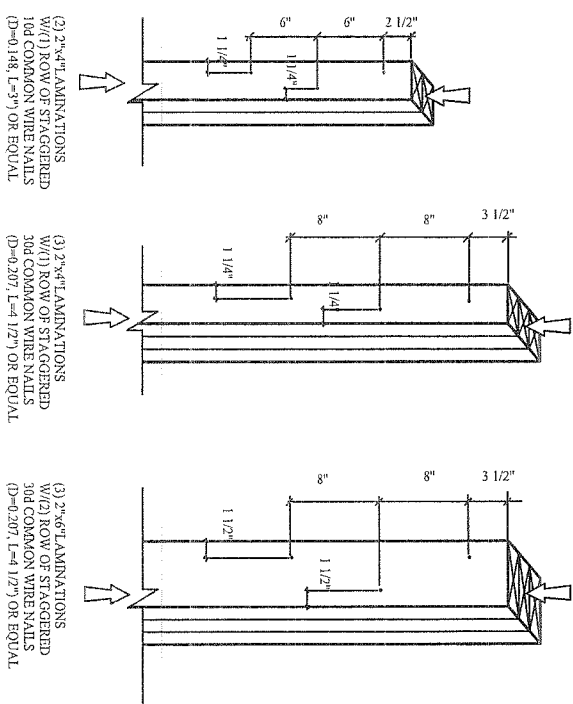


ARCHED OPENING DETAIL

N.T.S.



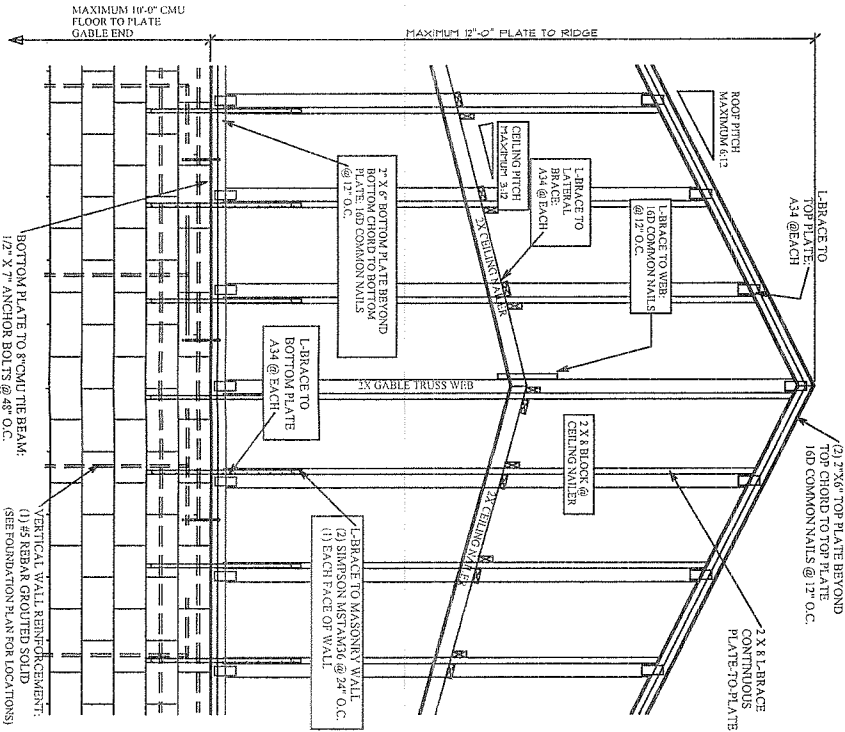
TYP. NAILING SCHEDULE FOR BUILT-UP COLUMNS



NOTES:

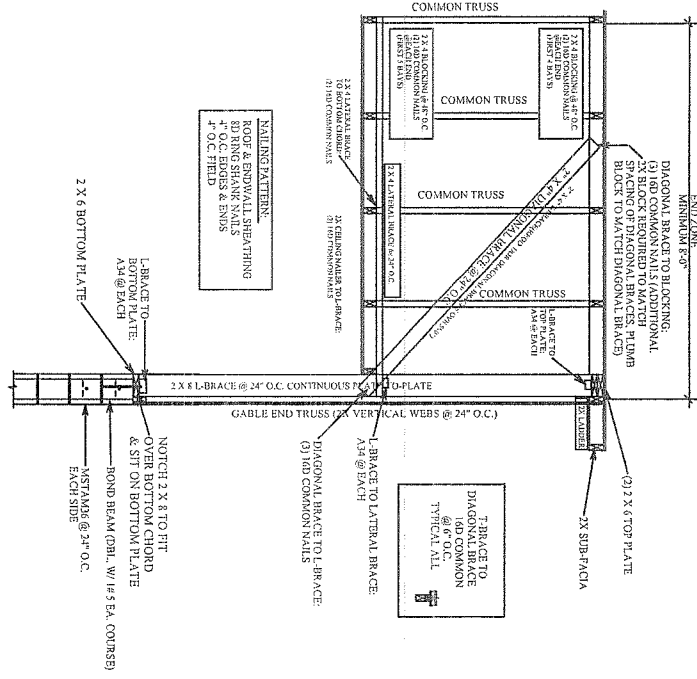
- 1) ADJACENT NAILS ARE DRIVEN FROM OPPOSITE SIDES OF THE COLUMN
- 2) ALL NAILS PENETRATE AT LEAST 3/4 OF THE THICKNESS OF THE COLUMN
- 3) EACH END COMMON NAIL MAY BE REPLACED W/2 OF B.U.C. SAME NUMBER OF ROES SAME SPACING
- 4) FOR 4-PLY, PROVIDE 1/4\"/>

GABLE END WALL W/ SCISSOR TRUSSES



GABLE END WALL W/ SCISSOR TRUSSES

SECTION



CONSTRUCTION DETAILS

DEEB FAMILY HOMES, LTD.

9400 RIVER CROSSING BLD.
 NEW PORT RICHEY, FL. 34655

PLAN DATE

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 TARPON SPRINGS, FL. 34689

A.E.C.S. # 11015

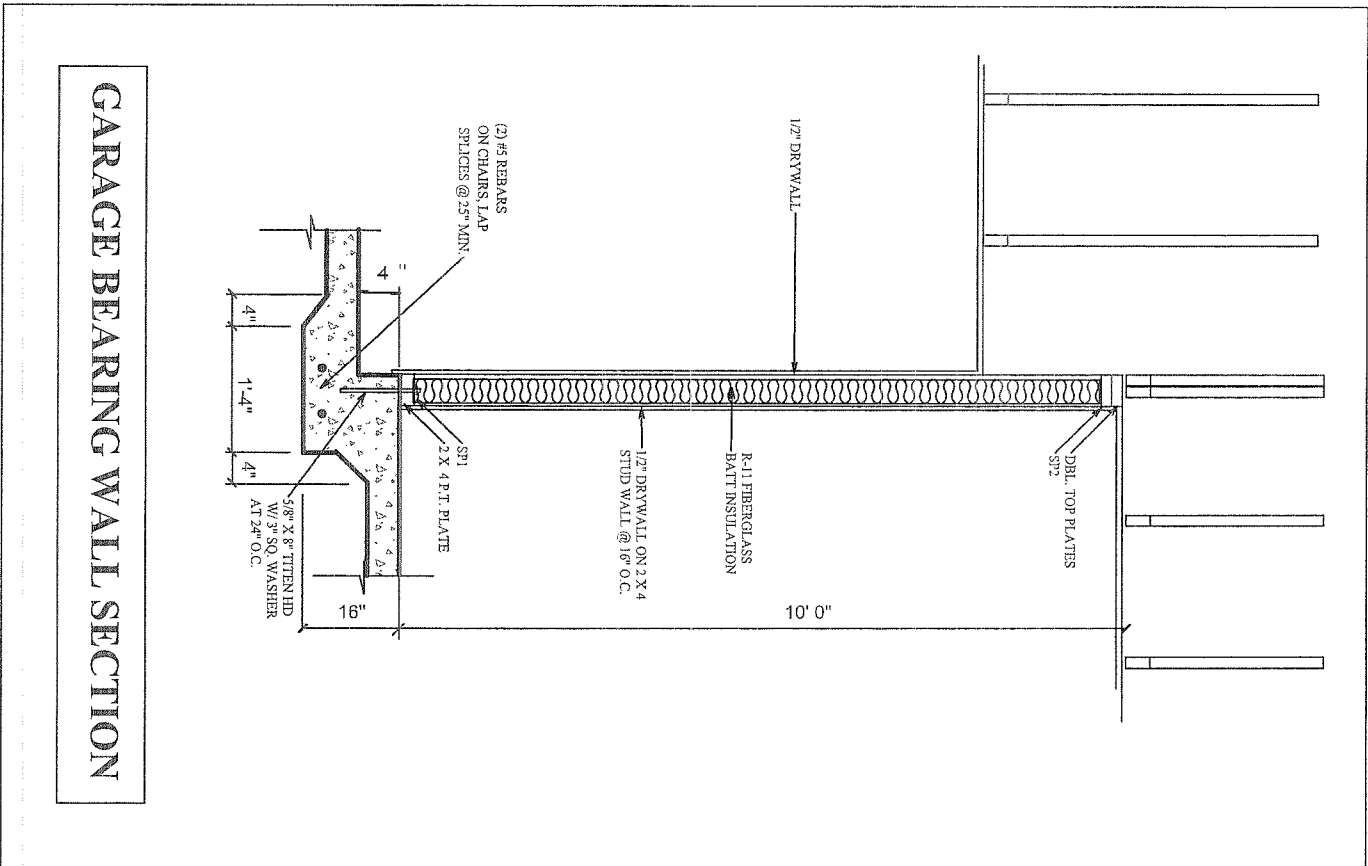
PEMBROOK II

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

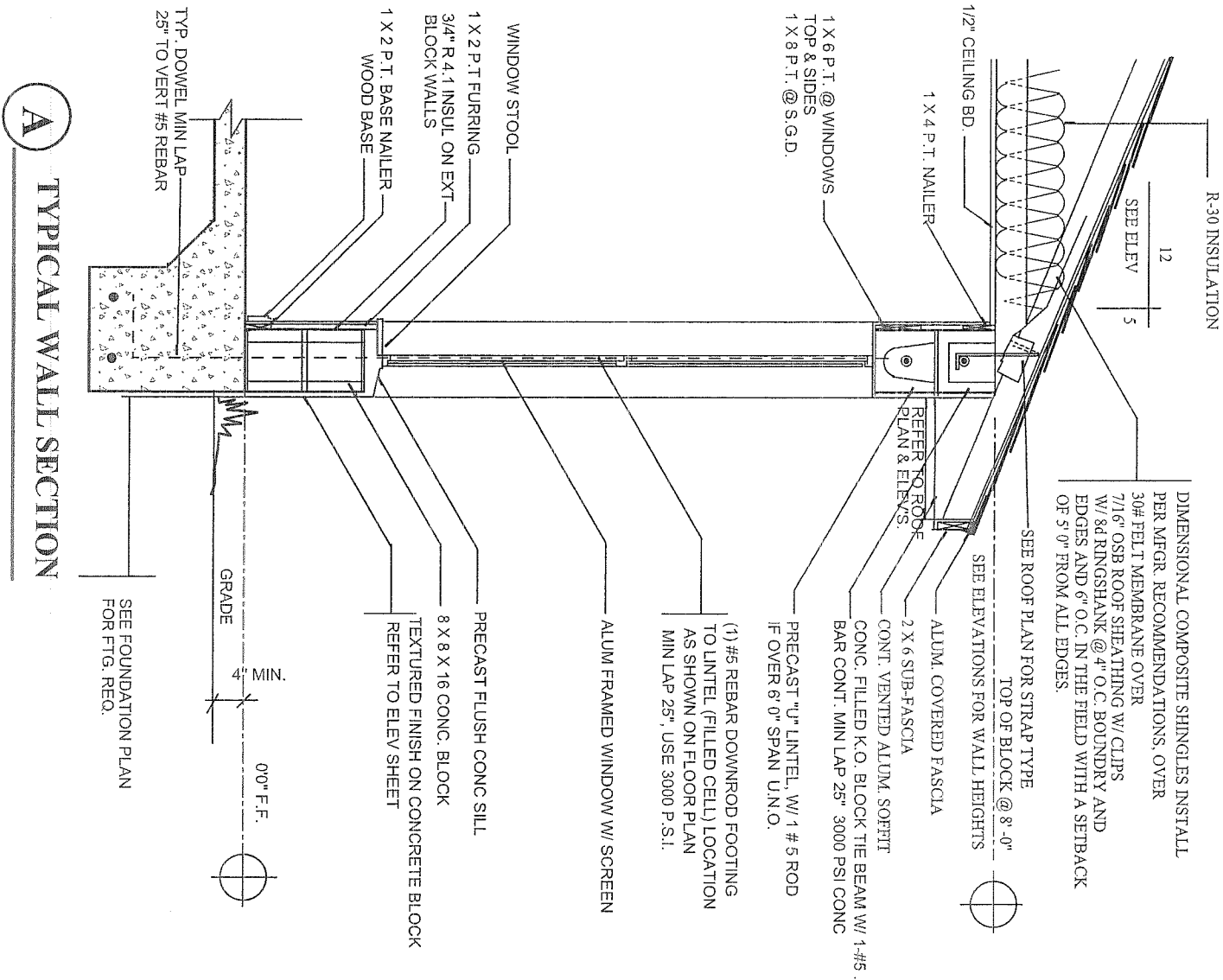
P.O. BOX 1870
 NEW PORT RICHEY, FL. 34656
 727-842-6100 Fax. 727-825-3973
 rich@allenengineeringservices.com

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 SUPPLEMENTARY CODE FOR STRUCTURE ONLY

SIGNED: *[Signature]*
 RICHARD E. ALLEN P.E. 756920

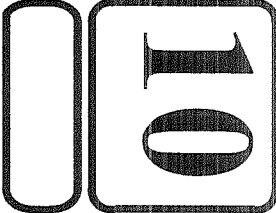


CONNECTOR TABLE	
SIMPSON	FLORIDA PRODUCT NUMBERS PER INDEX 3-27-09
ME1A16	11473.17
H-110	10456.63
MGT	11470.7
LSTA24	10862.4
SP1	10456.41
SP2	10456.42
VTCA	10861.5
LG12	11470.6
ECC03.4SDS2.5	10860.10
HTS20	10456.23
HT16	11486.1



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

CONSTRUCTION DETAILS



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

PLAN DATE
2-9-11
2-10-11

HARTIGAN RESIDENCE
 1514 RIVER CT.
 TARPON SPRINGS, FL. 34689

A.E.C.S. # 11015
 I HEREBY CERTIFY THAT I HAVE
 PERFORMED THE ATTACHED DESIGN
 TO COMPLY WITH 123 MP11 3 SEC. GUST
 LOADS AND IT IS IN COMPLIANCE WITH
 SECT. 301 OF THE 2007 FLORIDA
 RESIDENTIAL BUILDING CODE W/ 2009
 SUPPLEMENT. DESIGNED FOR STRUCTURE
 ONLY
 SIGNED: *[Signature]* 2/14/11
 RICHARD E. ALLEN P.E. #56920

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