

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 CRACKETS) 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: 119 MPH
 3. WIND IMPORTANCE FACTOR: 1.0
 4. BUILDING CATEGORY: II
 5. WIND EXPOSURE: B=1.0
 6. INTERNAL PRESSURE COEFFICIENT: +/- .18 ENCLOSED
 7. NON WIND BORNE DEBRIS ZONE -NO 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

A.E.C.S. # 9115-47

MEADOW OAKS 1476

DEEB FAMILY HOMES, LTD.

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

PLAN DATE

5-26-10
6-4-10
6-24-10

ACKER RESIDENCE
LOT 47
MEADOW OAKS
PASCO COUNTY, FL.

I HEREBY CERTIFY THAT I HAVE PERFORMED THE ATTACHED DESIGN TO COMPLY WITH 119 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

Rich Allen
SIGNED: 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
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rich@allenengineering.com



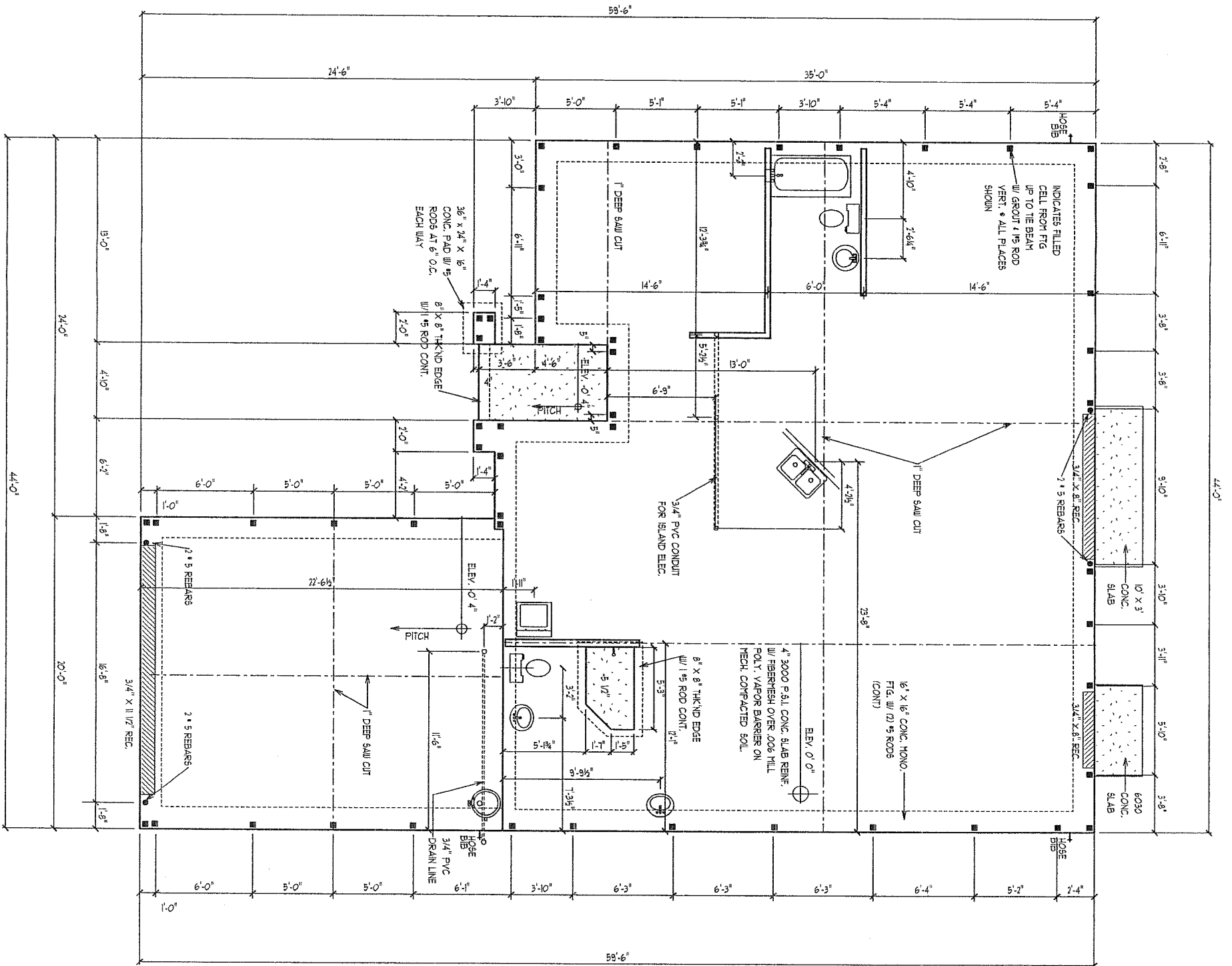
NOTES

- 1) THE FOUNDATION SYSTEM FOR THIS PLAN IS DESIGNED FOR A MINIMUM ALLOWABLE SOIL BEARING PRESSURE OF 2000 P.S.F. WITH NO SOIL REPORT OR INFORMATION PROVIDED.
- 2) FOOTINGS TO BEAR ON UNDISTURBED SOIL OR FILL COMPACTED TO 99% MOD. PROCTOR BETWEEN LESS THAN 1' LIFTS.
- 3) ALL BEARING SOILS TO BE FREE OF DEBRIS AND ORGANIC MATERIAL.
- 4) REFER TO STRUCTURAL ENGINEER NOTES.

SYNTHETIC FIBER REINFORCEMENT IN CONCRETE FOR SLAB-ON-GRADE SHALL COMPLY WITH SEC. 9102 (EXCEPTION 1)

TERMITE SPECIFICATIONS:

INSTALL "BORA-CARE" TERMITE PROTECTION SYSTEM PER MANUFACTURER'S SPECIFICATIONS



FOUNDATION PLAN

SCALE 1/8" = 1' 0"

A.E.C.S. # 9115-47

MEADOW OAKS 1476

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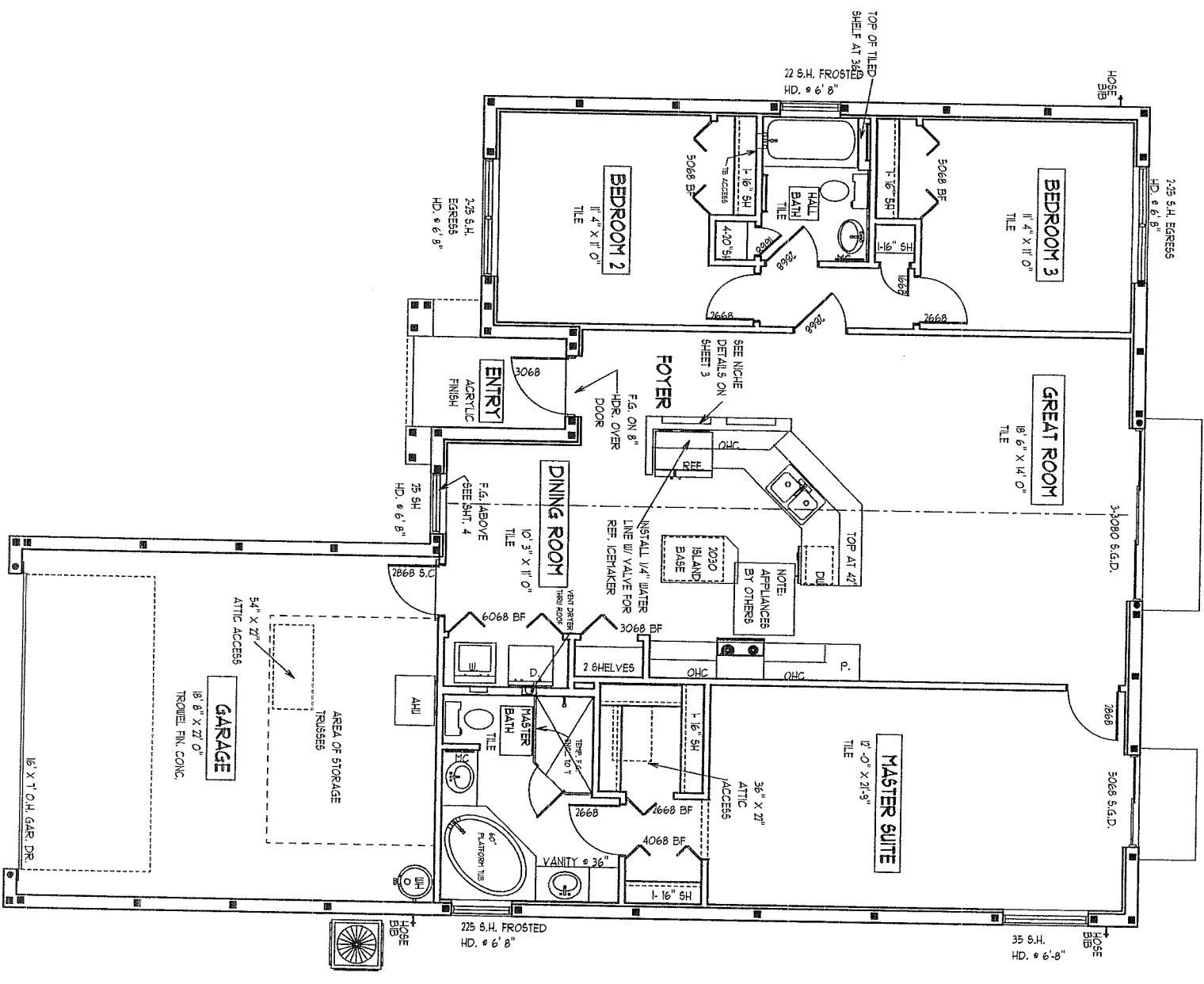
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SIGNED: *Richard E. Allen*
RICHARD E. ALLEN P.E. #56920

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SQUARE FOOTAGES

LIVING AREA - 1573 S.F.
 GARAGE - 450 S.F.
 ENTRY - 48 S.F.

FLOOR PLAN NOTES

SCALE 1/8" = 1' 0"

A.E.C.S. # 9115-47

MEADOW OAKS 1476

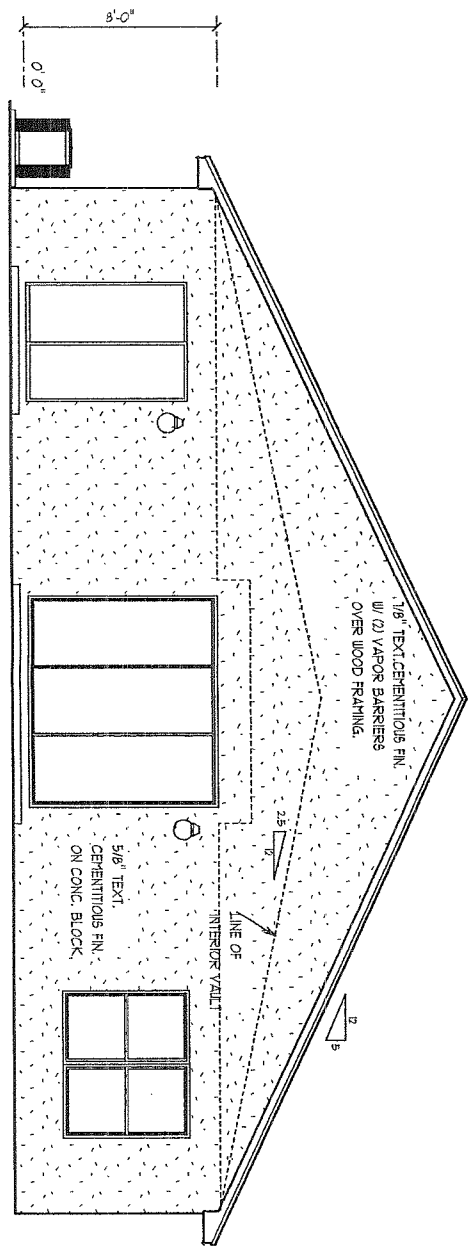
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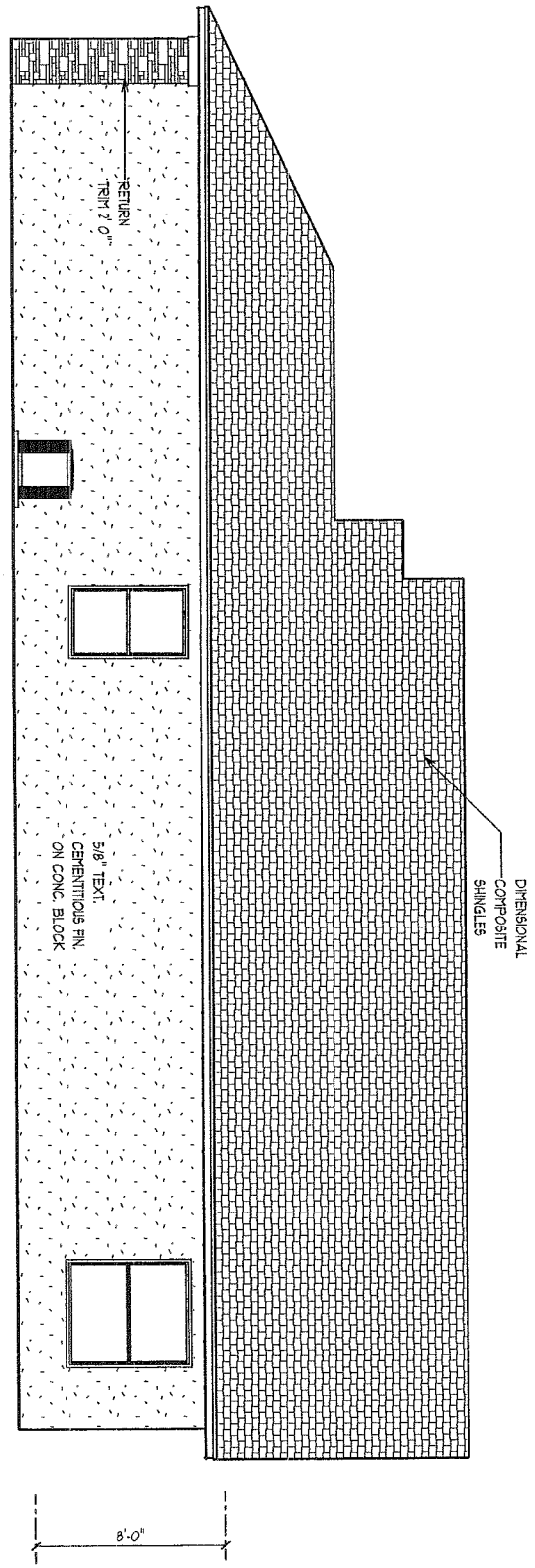
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ACKER RESIDENCE
 LOT 47
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 PASCO COUNTY, FL.

REAR ELEVATION



RIGHT SIDE ELEVATION



EXTERIOR ELEVATIONS -A

1/8" = 1' 0"

A.E.C.S. # 9115-47

MEADOW OAKS 1476

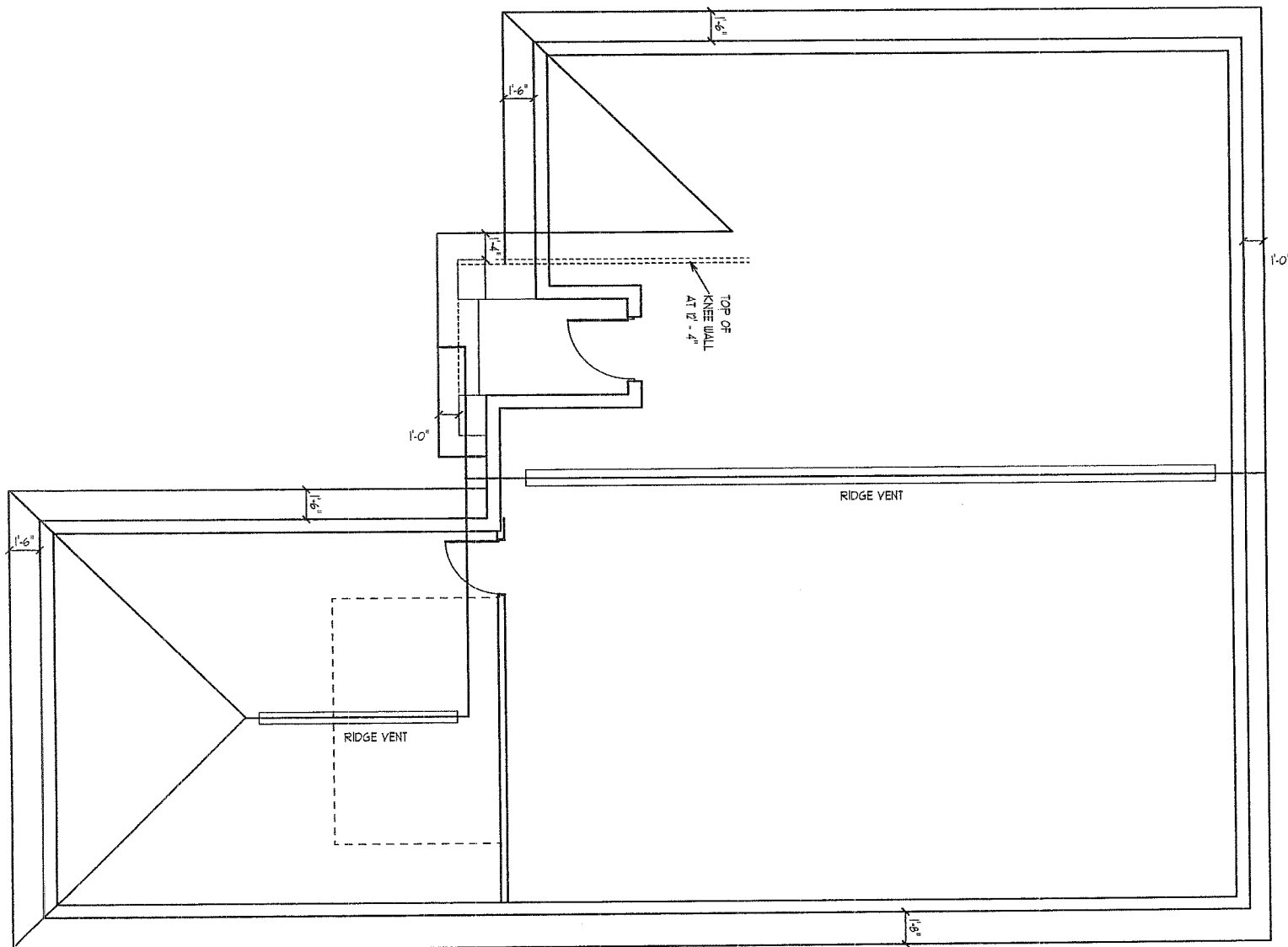
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ROOF PLAN-A

SCALE 1/8" = 1' 0"

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MEADOW OAKS 1476

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UNLESS OTHERWISE NOTED
 1. ELECTRICAL OUTLET HEIGHTS MEASURED FROM FINISHED FLOOR TO CENTERLINE OF THE BOX TO BE "12" A.F.F. (GENERAL.)

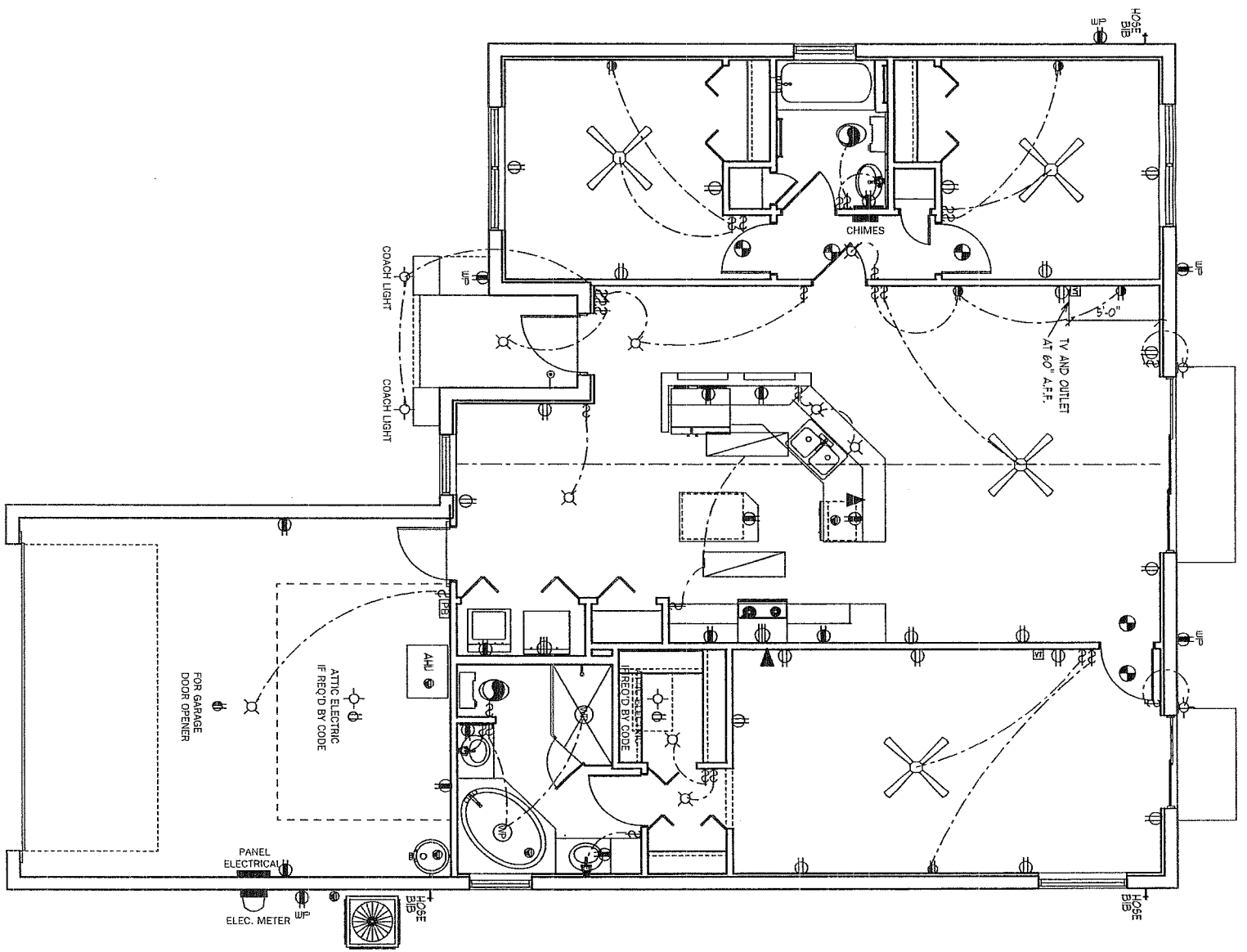
KITCHEN 4" HORIZONTAL
 BATHROOM 4" HORIZONTAL
 LAUNDRY 3/8" WASHER/ 24" DRYER/ WALL OUTLETS 48"
 EXTERIOR WATERPROOF 12"
 GARAGE GFI 45"
 RANGE 220V 4"

2. ALL TRIM PLATES AND DEVICES TO GANGED WHERE POSSIBLE
 3. ELECTRICAL SWITCHES TO BE AT 4" 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 9012
 6. PROVIDE AFCI (ARC FAULT) INTERRUPTERS) IN ALL BEDROOMS PER NEC SECTION 20-12
 7. ALL RECEPTALS TO BE TAMPER RESISTANT PER SECT. 406.11

ELECTRICAL LEGEND

- \$1 SINGLE POLE SWITCH
- \$2 DOUBLE POLE SWITCH
- \$3 THREE-WAY SWITCH
- \$4 FOUR-WAY SWITCH
- \$DM DIMMER SWITCH
- CEILING FIXTURE
- SCOURICE (WALL MOUNTED) FIXTURE
- 110 VOLT DUPLEX OUTLET
- 110 VOLT SPLIT SWITCHED OUTLET
- GROUND FAULT INTERRUPT
- WP 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
- DOOR BELL CHIMES
- DOOR BELL
- DISP DISPOSAL
- DISCONNECT SWITCH
- SP PREWIRE SPEAKER
- JUNCTION BOX
- T THERMOSTAT
- LOW VOLTAGE LIGHTING
- INTERCOM SYSTEM
- GARBAGE DOOR PUSH BUTTON

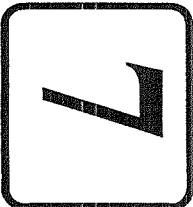


ELECTRICAL PLAN

SCALE 1/8" = 1' 0"

A.E.C.S. # 9115-47

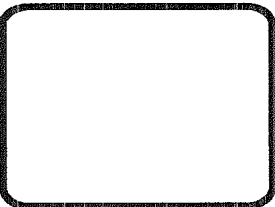
MEADOW OAKS 1476

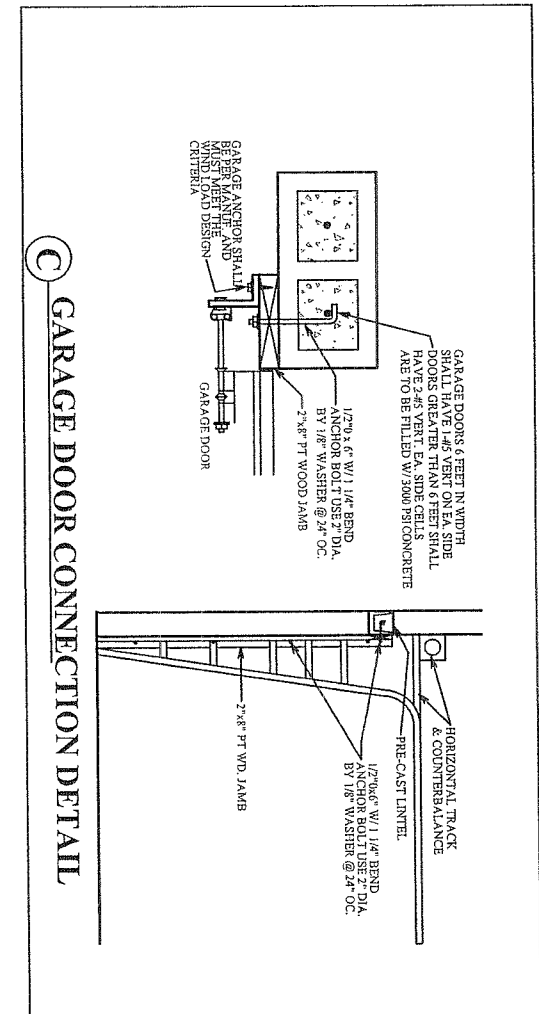
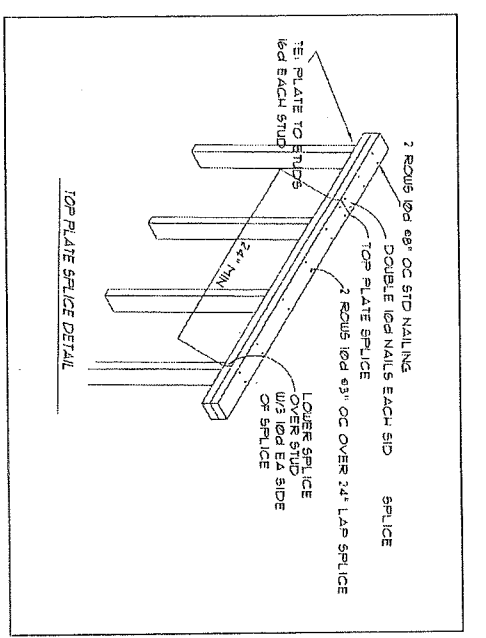
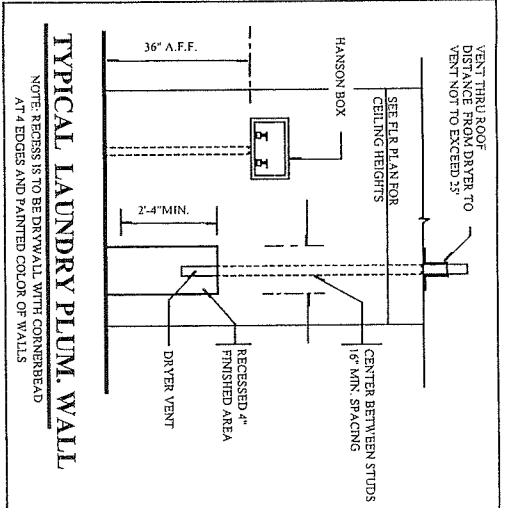
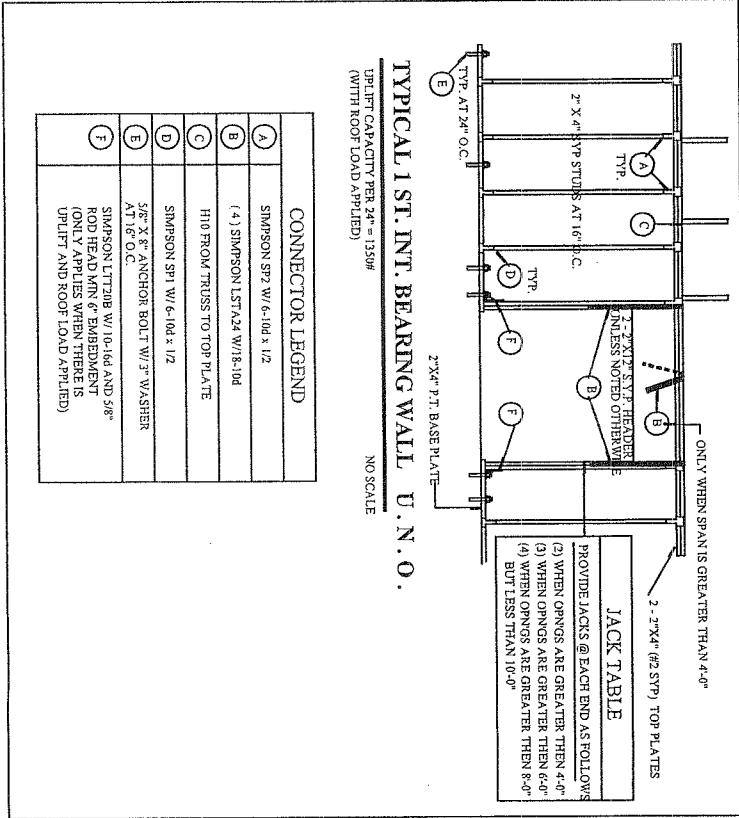
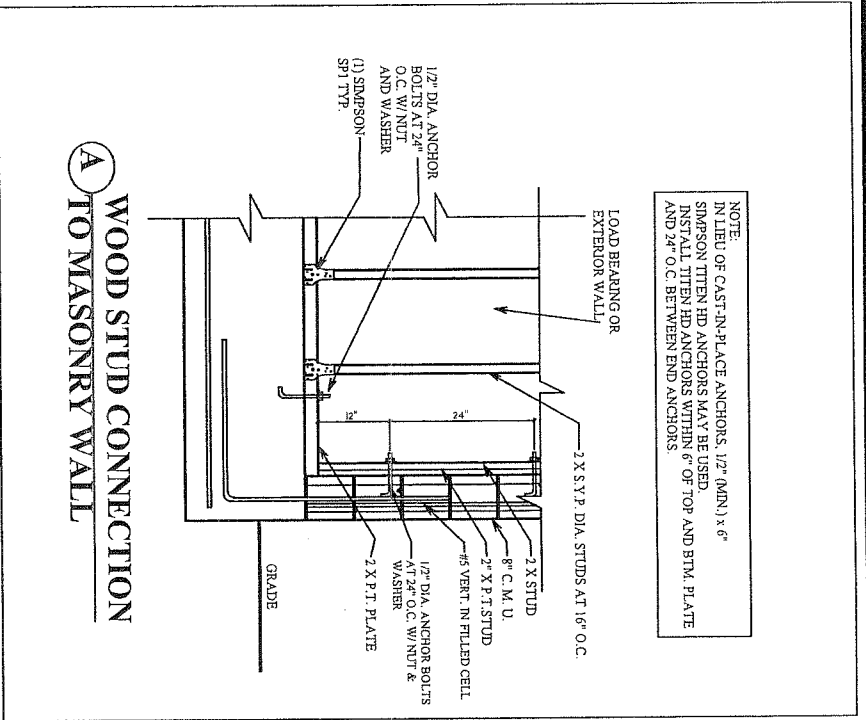
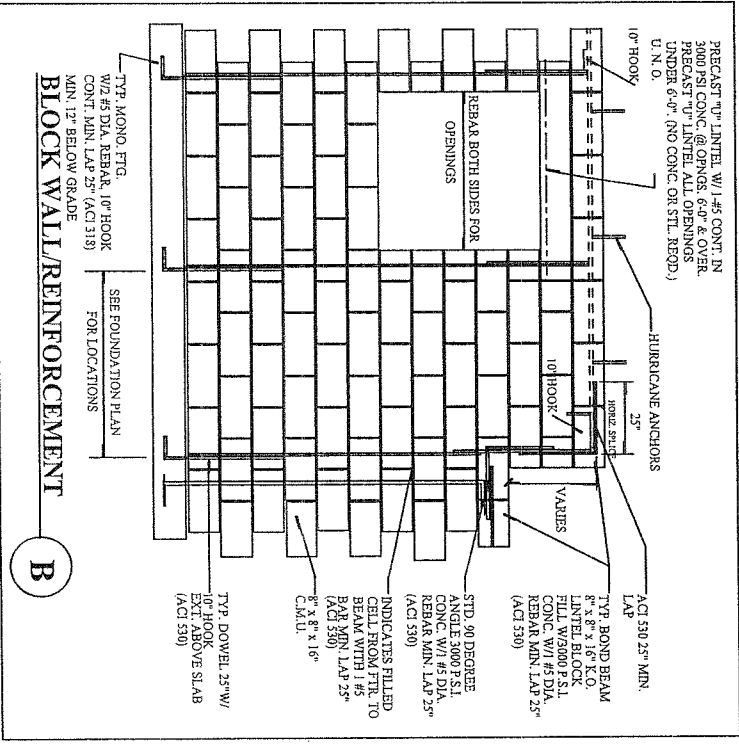


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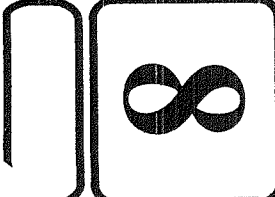




CONSTRUCTION DETAILS

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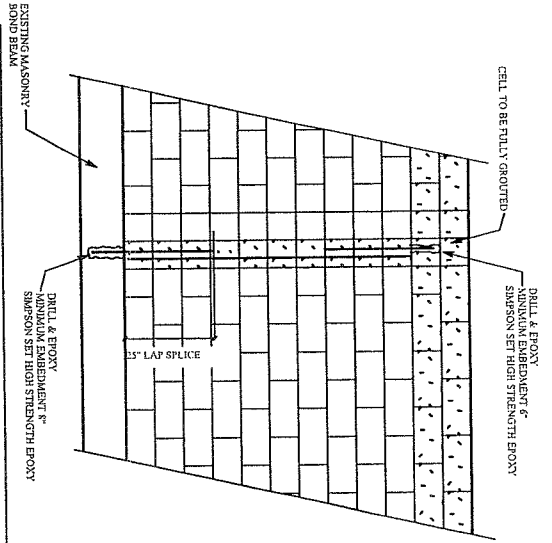
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I HEREBY CERTIFY THAT I HAVE PERFORMED THE ATTACHED DESIGN TO COMPLY WITH THE 2009 FLORIDA RESIDENTIAL BUILDING CODE WITH SUPPLEMENTAL SECTIONS FOR STRUCTURE ONLY.
SIGNATURE: *Richard E. Allen*
RICHARD E. ALLEN P.E. #56920

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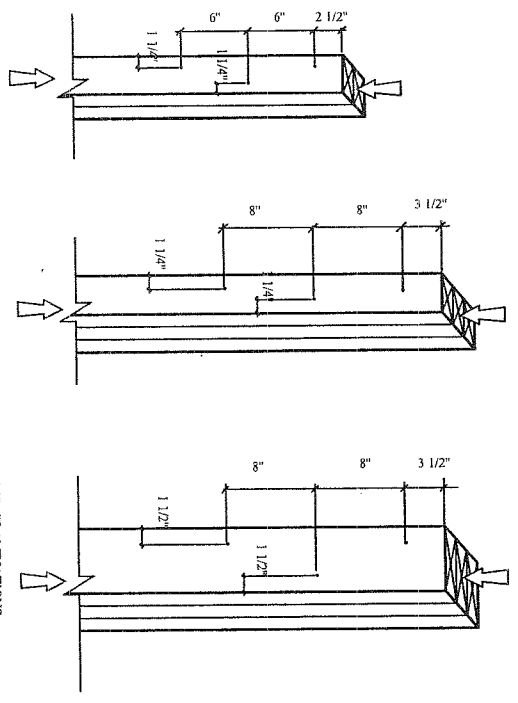


TYP. RETROFIT VERT. DOWEL CONDITION

NOTE: MISSING DOWELS WHERE FOOTING DOWELS ARE PLACED INCORRECTLY OR MISPLACEDLY ELIMINATED. REPLACE DOWEL AT PROPER LOCATION W/ GRADE 40 #5 BAR. INSTALL IN SLAB W/ 8" MINIMUM EMBEDMENT. USE EPOXY GROUT.

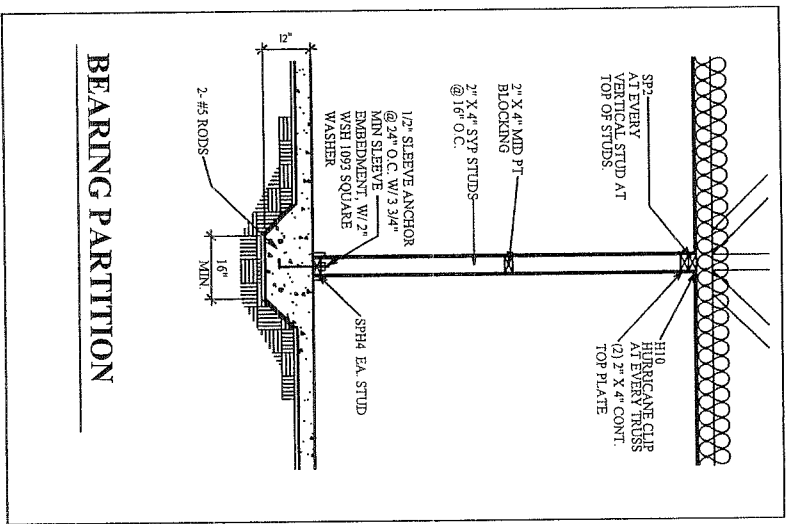
MISSING ANCHOR BOLTS AT BEARING WALL:

- EXTERIOR BEARING WALL:
 IN ADDITION TO THE GENERAL PLACEMENT REQUIREMENTS:
 1) 5/8" DIA. ANCHOR BOLTS AT BEARING WALLS SPACED A MAXIMUM OF 24" O.C.
 INTERIOR BEARING WALL:
 IN ADDITION TO THE GENERAL PLACEMENT REQUIREMENTS:
 1) 5/8" DIA. ANCHOR BOLTS AT BEARING WALLS SPACED A MAXIMUM OF 24" O.C. IF RESISTING UPLIFT LOADS OR 3 1/2" EMBEDMENT AT 48" O.C. IF RESISTING GRAVITY LOADS

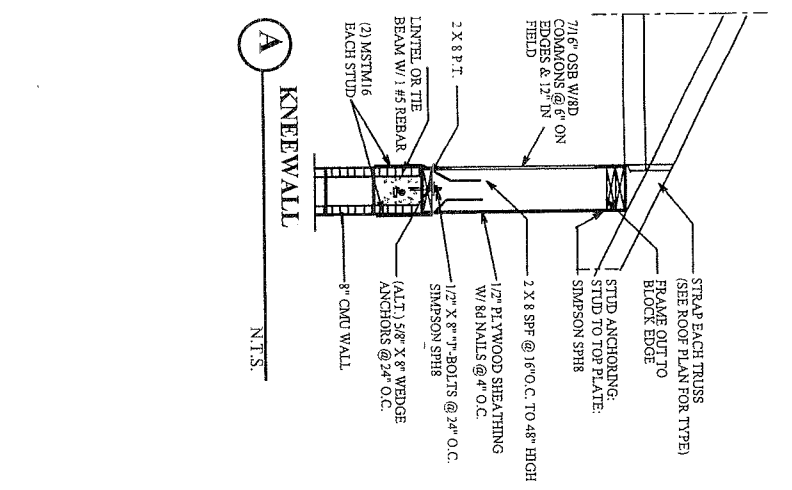


TYP. NAILING SCHEDULE FOR BUILT-UP COLUMNS

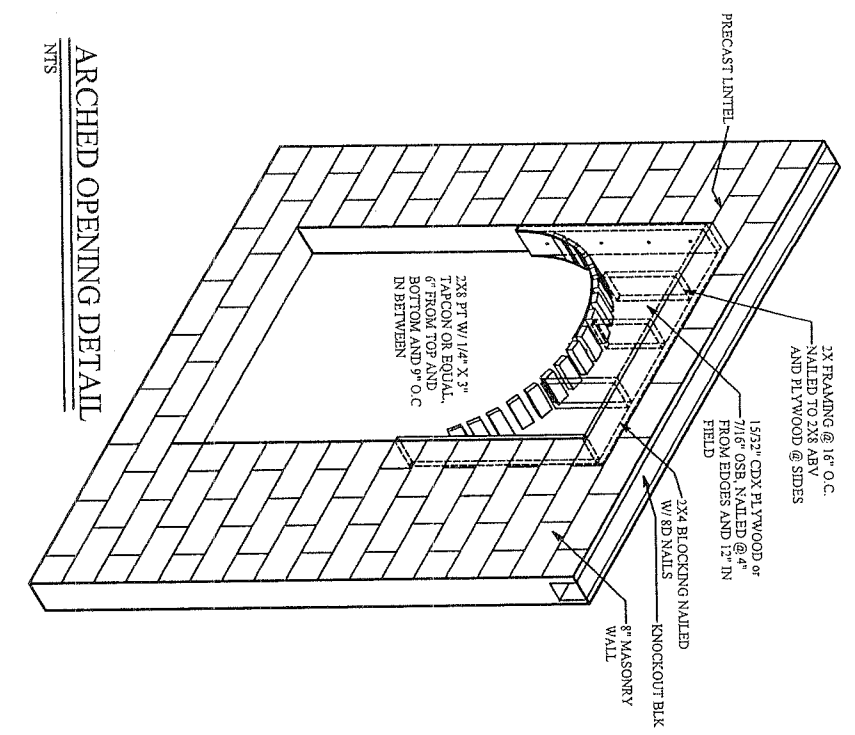
- NOTES:
 1) ADJACENT NAILS ARE DRIVEN FROM OPPOSITE SIDES OF THE COLUMN
 2) ALL NAILS PENETRATE AT LEAST 3/4 OF THE THICKNESS OF THE LAST LAMINATION
 3) EACH 30d COMMON NAIL MUST BE REPERFORATED W/ (2) OF 10d C. SAME NUMBER OF ROES, SAME SPACING
 4) FOR 4-PLY PROVIDE 1/4" DIA. X 5 1/2" LAG SCREWS OR 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 DNS SECTION 15.3 FOR ADDITIONAL INFORMATION



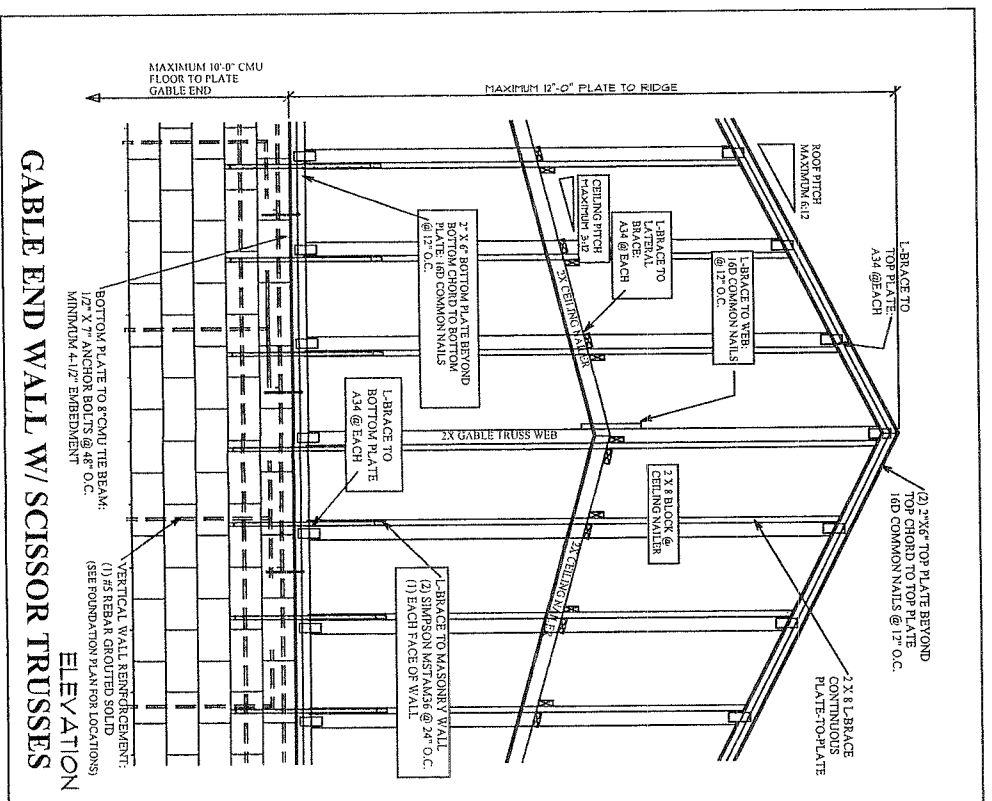
BEARING PARTITION



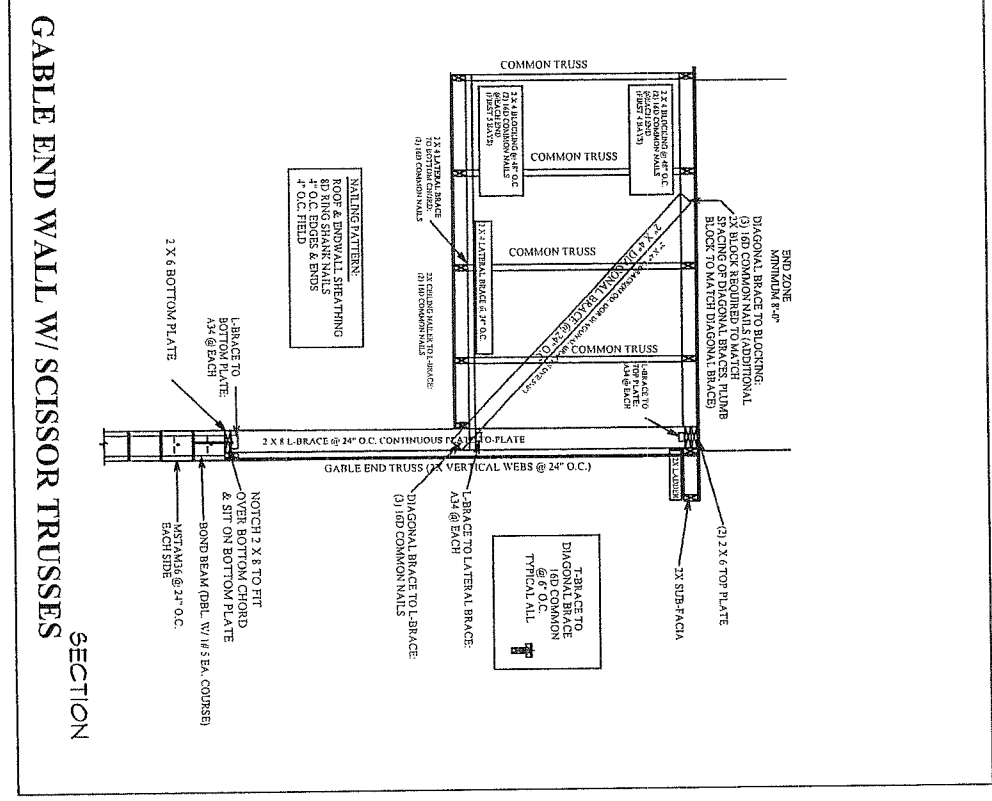
KNEEWALL



ARCHED OPENING DETAIL



GABLE END WALL W/ SCISSOR TRUSSES ELEVATION



GABLE END WALL W/ SCISSOR TRUSSES SECTION

CONSTRUCTION DETAILS

A.E.C.S. # 9115-47

MEADOW OAKS 1476

3-24-09

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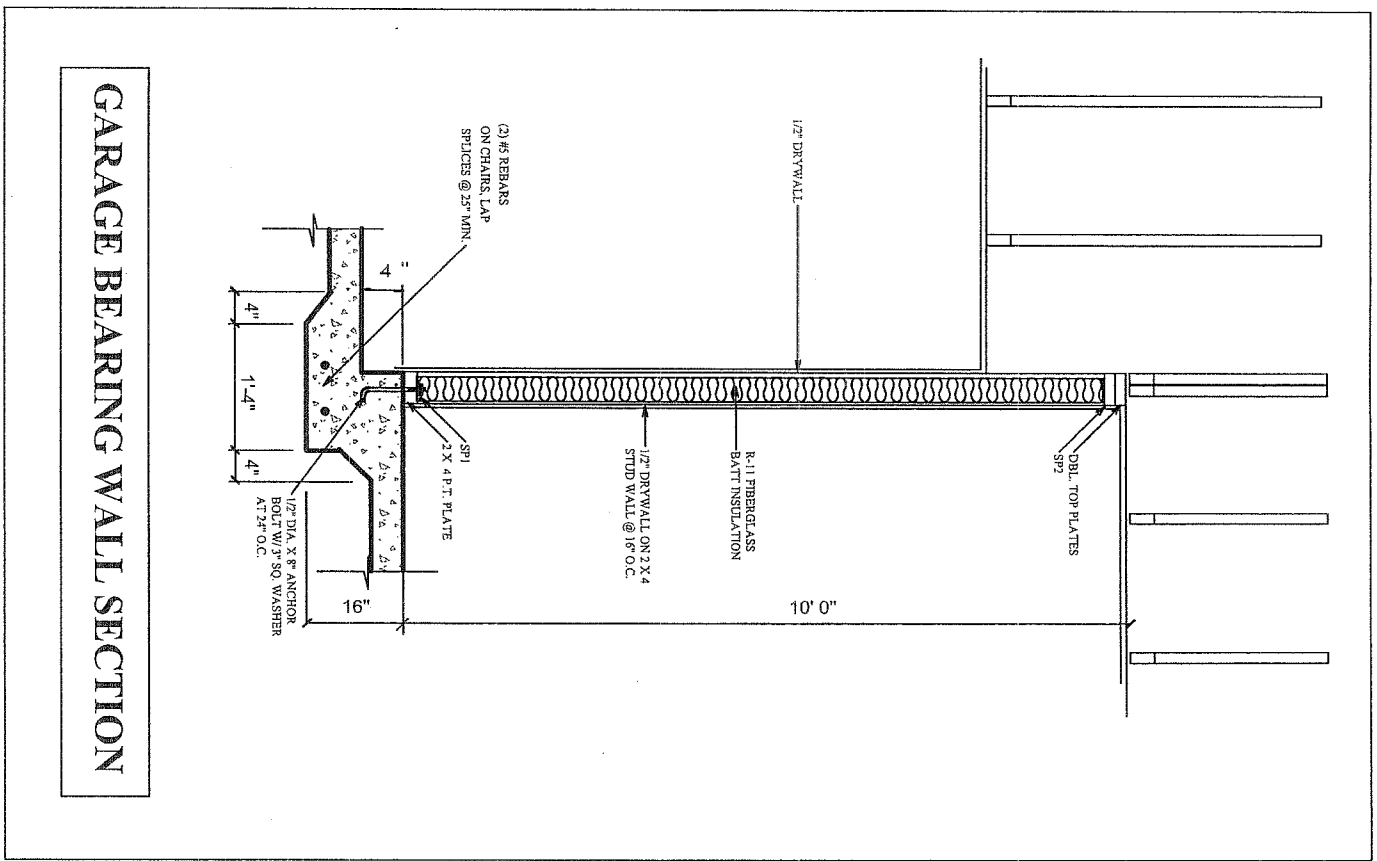
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ACKER RESIDENCE
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 MEADOW OAKS
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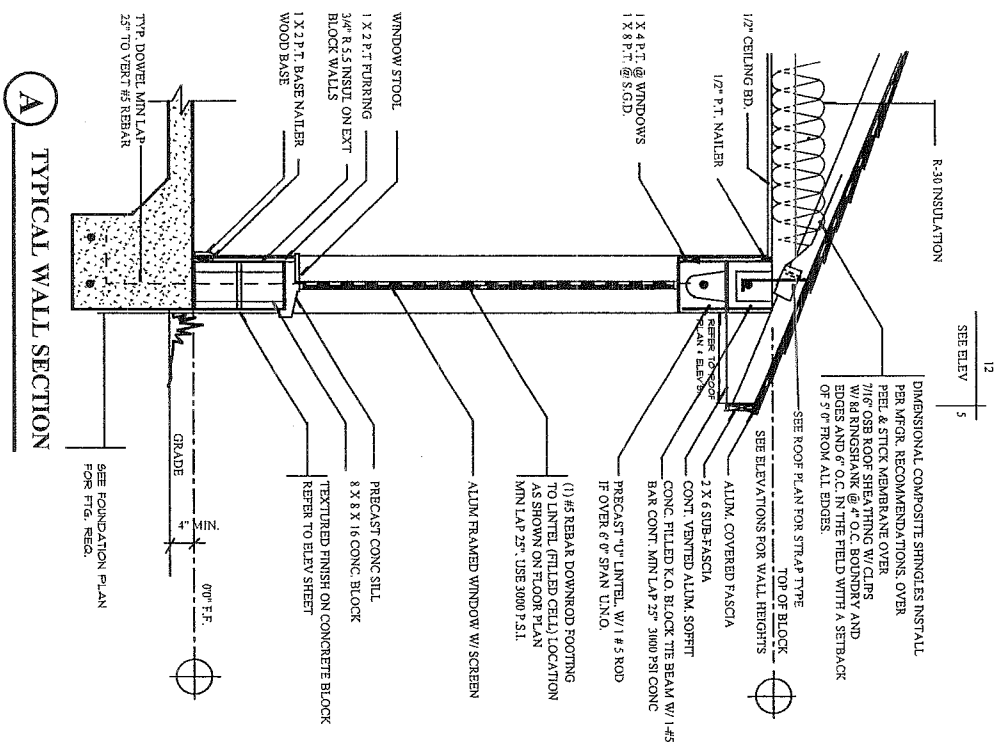
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CONNECTOR TABLE

SIMPSON	FLORIDA PRODUCT NUMBERS PER INDEX 3-27-09
ME1A16	11473,17
H3	10458,13
H10	10458,9
WCT1	11470,7
WCT1A24	10458,41
SP1	10458,42
SP2	10881,5
VT14	11470,6
LG12	10889,10
ECC0345925,5	10458,23
HT18	11493,1



TERMITE SPECIFICATIONS:

INSTALL "BOR-A-CARE" TERMITE PROTECTION SYSTEM PER MANUF. SPECIFICATIONS

CONSTRUCTION DETAILS

A.E.C.S. # 9115-47

MEADOW OAKS 1476

10

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