

DRIVEWAY SPEC.  
DRIVEWAY NOT IN RIGHT OF WAY AND ALL  
SIDEWALKS TO BE 4" 3000PSI CONC. W/ FIBERESH.  
DRIVEWAY IN RIGHT OF WAY TO BE 6" 3000 PSI  
CONCRETE WITH FIBERESH AND WIRE REINFORCEMENT.

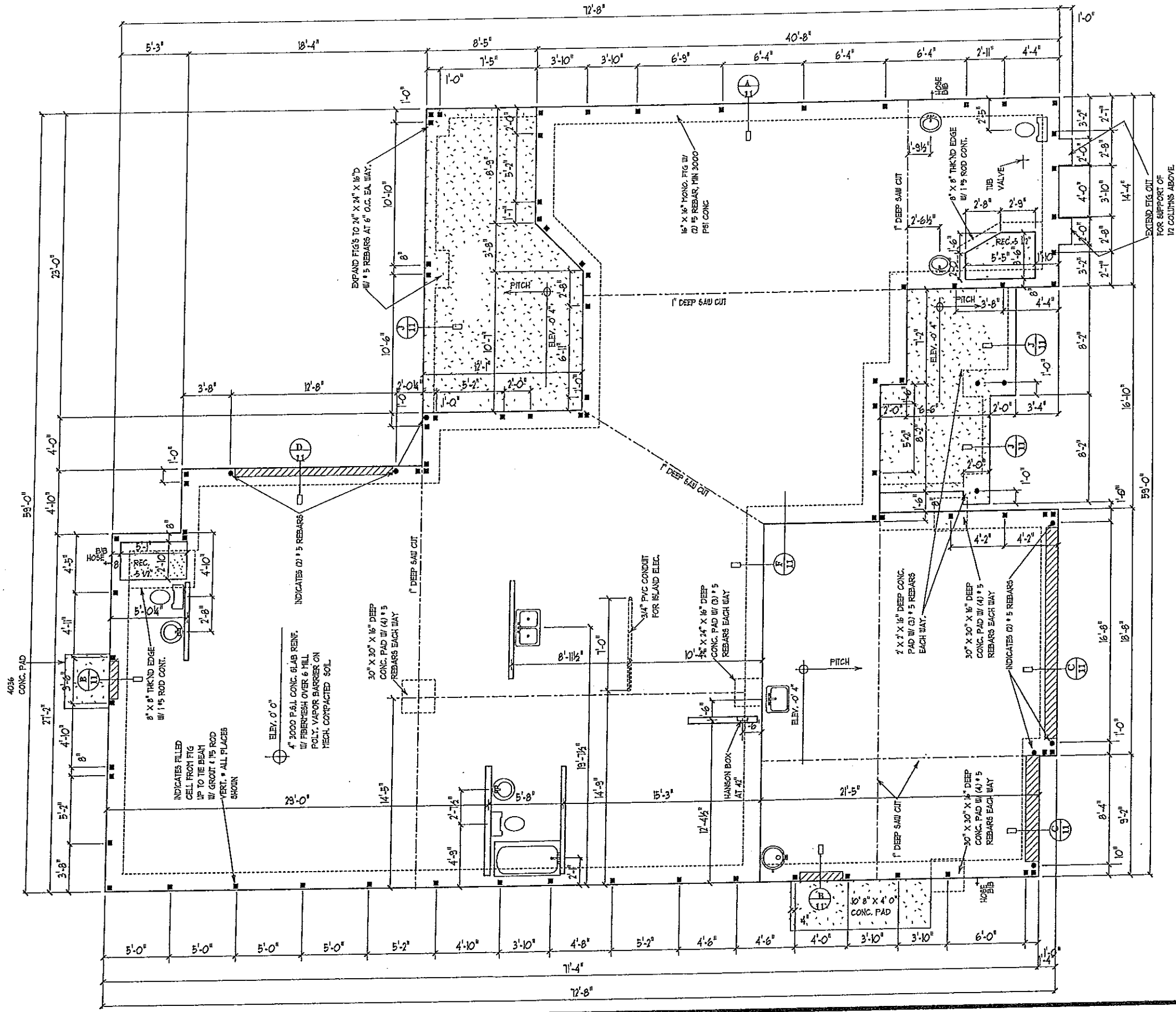
## TERMITE SPECIFICATIONS:

INSTALL "BORACARE" 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.

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"

A.E.C.S. # 15094

FOX TAIL 2543

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

1

LOT FOUR  
ARROW ESTATES  
PASCO COUNTY, FL.

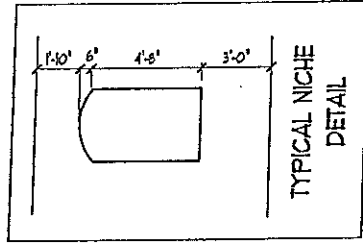
PLAN DATE

11-11-15  
11-16-15

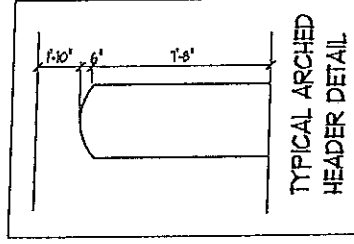
I HEREBY CERTIFY THAT I HAVE  
PERFORMED THE ATTACHED DESIGN  
TO COMPLY WITH 10 AMPS UTMATEL  
WITH SECT. 30 OF THE 2014 FLORIDA  
RESIDENTIAL BUILDING CODE  
SEALED FOR CONTRACTING ONLY  
SIGNATURE: *Rich Allen*  
RICHARD E. ALLEN P.E. 68975

ALLEN ENGINEERING &  
CONSTRUCTION SERVICES  
RICH ALLEN PROFESSIONAL ENGINEER  
P.E. # 56920 CA. # 9542  
P.O. BOX 351  
NEW PORT RICHEY, FL 34656  
727-842-6100  
richallenpe@gmail.com

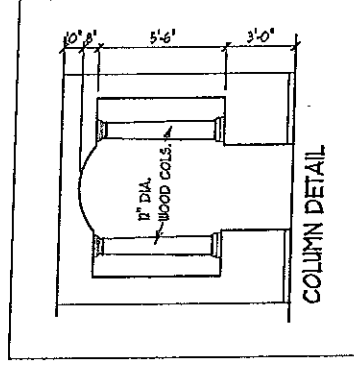




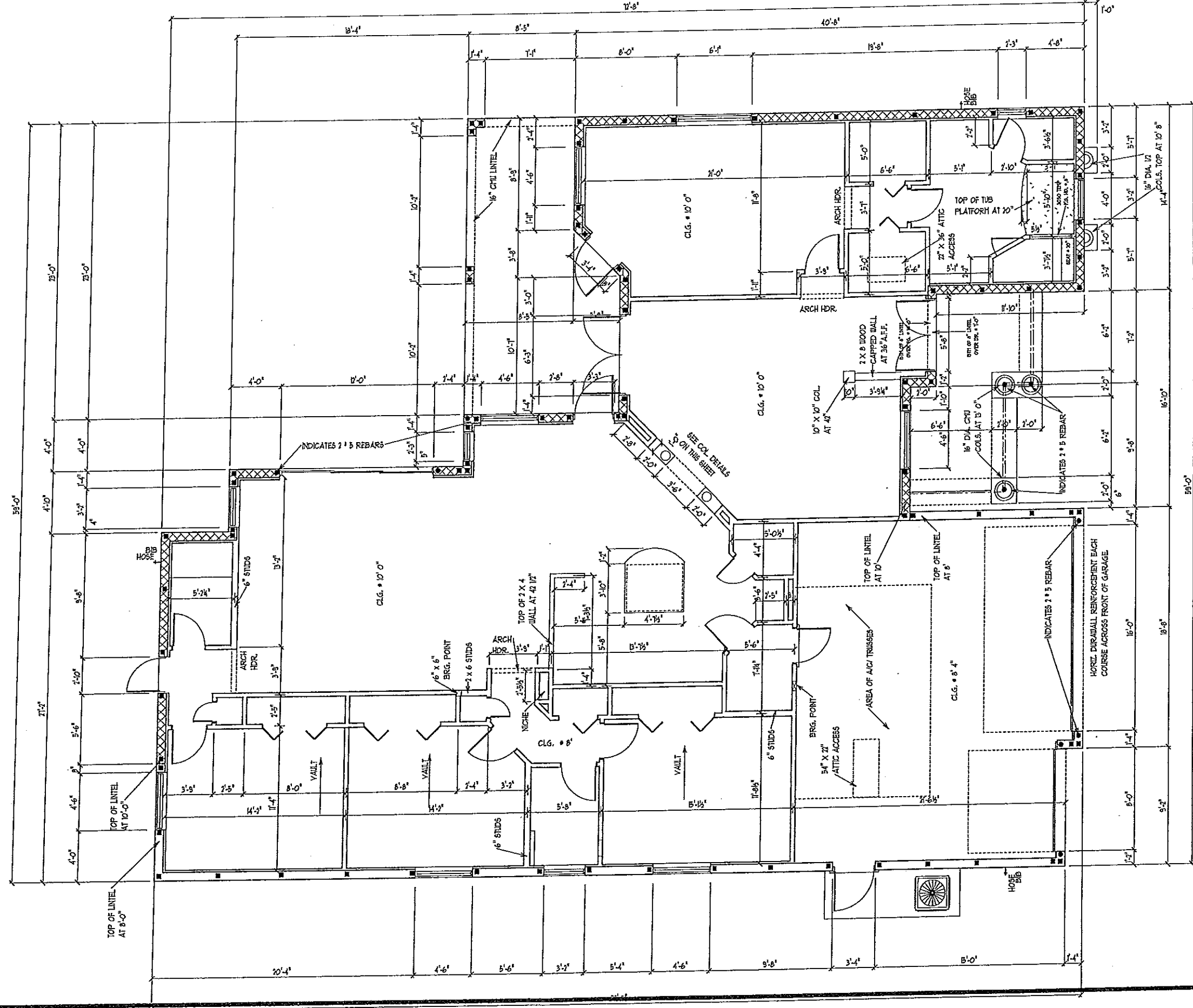
TYPICAL NICHE  
DETAIL



TYPICAL ARCHED  
HEADER DETAIL



COLUMN DETAIL



DIMENSION PLAN

SCALE 1/8" = 1'-0"

A.E.C.S. # 15094

FOXTAIL 2543

3

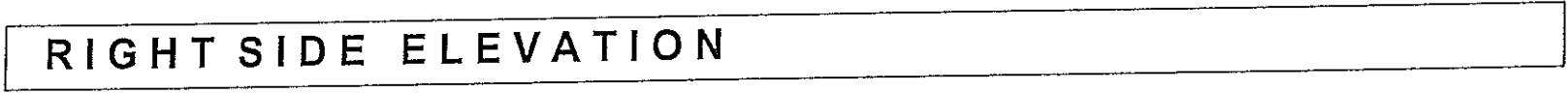
DEEB FAMILY  
HOMES, LTD.  
9400 RIVER CROSSING BLD.  
NEW PORT RICHEY, FL. 34655

PLAN DATE  
11-11-15  
11-16-15

LOT FOUR  
ARROW ESTATES  
PASCO COUNTY, FL.

I HEREBY CERTIFY THAT I HAVE  
PERFORMED THE ATTACHED DESIGN  
TO COMPLY WITH THE ULTIMATE  
DESIGN REQUIREMENTS AND  
WITH THE CODES OF THE STATE OF FLORIDA  
RESIDENTIAL BUILDING CODE  
SEALED TOP OF SHEET ONLY  
SIGNED: *Richard Allen*  
RICHARD ALLEN P.E. # 56920  
NEW PORT RICHEY, FL. 34656  
richallenpe@gmail.com

ALLEN ENGINEERING &  
CONSTRUCTION SERVICES  
RICH ALLEN PROFESSIONAL ENGINEER  
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NEW PORT RICHEY, FL. 34656  
richallenpe@gmail.com



**FOXTAIL 2543**

A.E.C.S. # 15094

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

## EXTERIOR ELEVATIONS - B

**ALLEN ENGINEERING &  
CONSTRUCTION SERVICES**  
RICH ALLEN PROFESSIONAL ENGINEER  
P.E. # 56970 C.A. # 9542  
P.O. BOX 351  
NEW PORT RICHEY, FL. 34656  
727-842-6100  
richallenpe@gmail.com

I HEREBY CERTIFY THAT I HAVE PERFORMED THE ATTACHED DESIGN TO COMPLY WITH 150 MPH INTERMITTENT WIND LOADS AND IT IS IN COMPLIANCE WITH SECT. 301 OF THE 2014 FLORIDA RESIDENTIAL BUILDING CODE, SEALED FOR STRUCTURE ONLY.

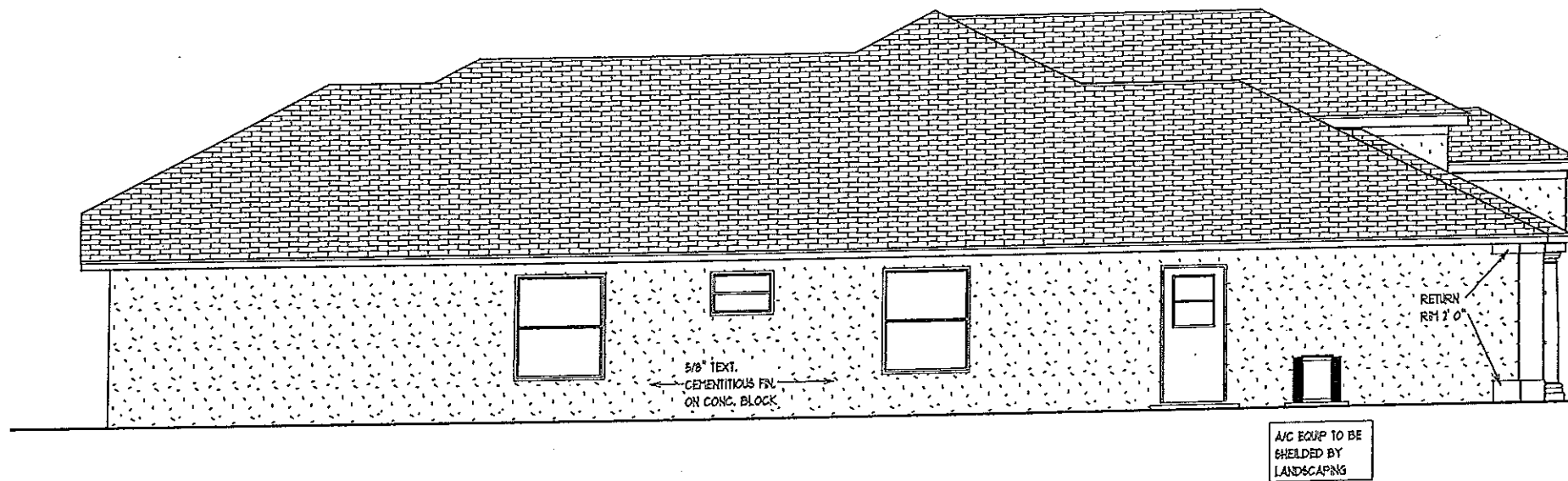
SIGNED: *[Signature]*  
RICHARD W. GILLEN, P.E. 950920

**LOT FOUR  
ARROW ESTATES  
PASCO COUNTY, FL.**

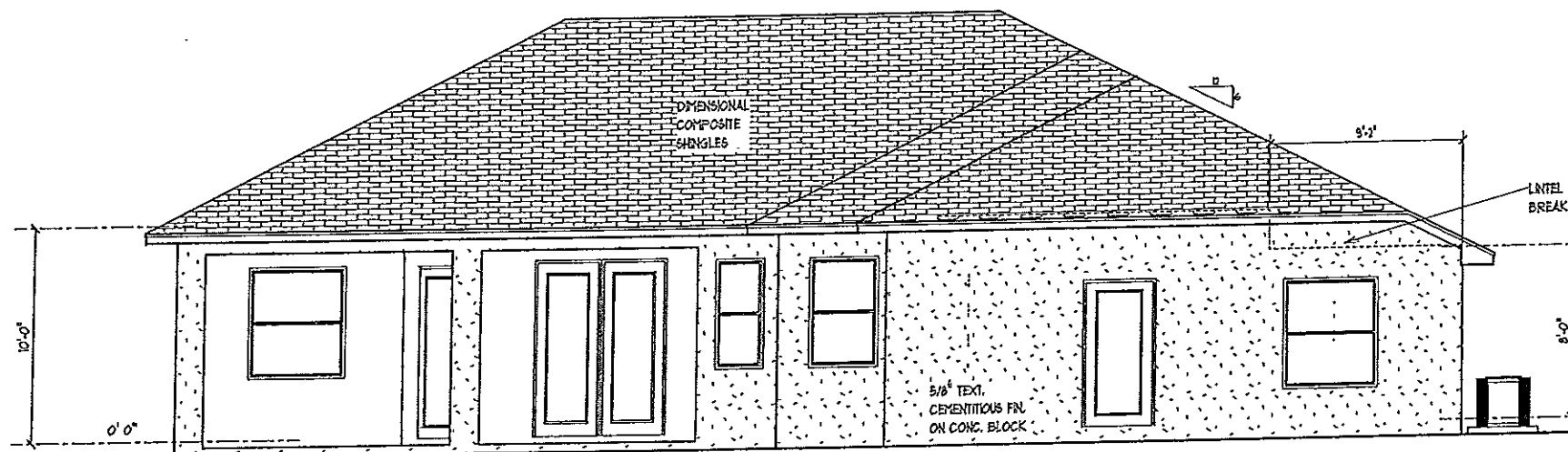
| PLAN DATE |
|-----------|
| 11-11-15  |
| 11-16-15  |
|           |
|           |

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

4



LEFT SIDE ELEVATION



REAR ELEVATION

EXTERIOR ELEVATIONS -B

A.E.C.S. # 15094

1/8" = 1' 0"

FOX TAIL 2543

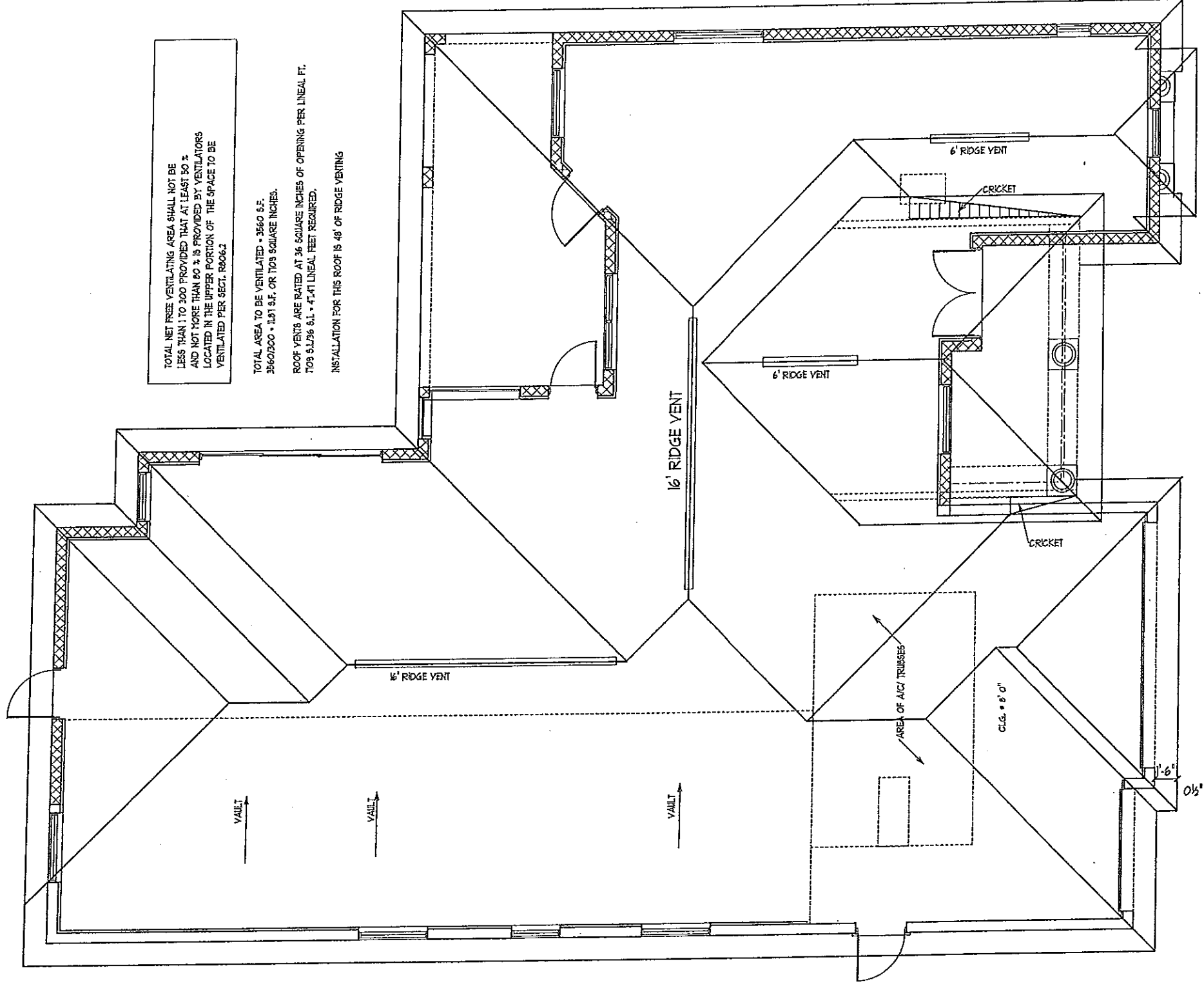
DEEB FAMILY  
HOMES, LTD.  
9400 RIVER CROSSING BLD.  
NEW PORT RICHEY, FL 34655

PLANDATE

11-11-15  
11-16-15

LOT FOUR  
ARROW ESTATES  
PASCO COUNTY, FL.

5



TOTAL NET FREE VENTILATING AREA SHALL NOT BE LESS THAN 1 TO 300 PROVIDED THAT AT LEAST 50 % AND NOT MORE THAN 80 % IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE SPACE TO BE VENTILATED PER SECT. 9006.2

TOTAL AREA TO BE VENTILATED = 3560 S.F.  
 3560/300 = 11.87 S.F. OR 1703 SQUARE INCHES.  
 ROOF VENTS ARE RATED AT 36 SQUARE INCHES OF OPENING PER LINEAL FT.  
 1703 S.F. / 36 S.I. = 47.03 LINEAL FEET REQUIRED.  
 INSTALLATION FOR THIS ROOF IS 48' OF RIDGE VENTING

# ROOF PLAN -B

SCALE 1/8" = 1' 0"

A.E.C.S. # 15094

FOX TAIL 2543

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

PLAN DATE

11-11-15  
 11-16-15

LOT FOUR  
 ARROW ESTATES  
 PASCO COUNTY, FL.

6





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 45"  
EXTERIOR WATERPROOF • 12"  
GARAGE GFI • 45"  
RANGE 220V • 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 / SIZING OF ALL ELECTRICAL WIRING / ACCESSORIES.

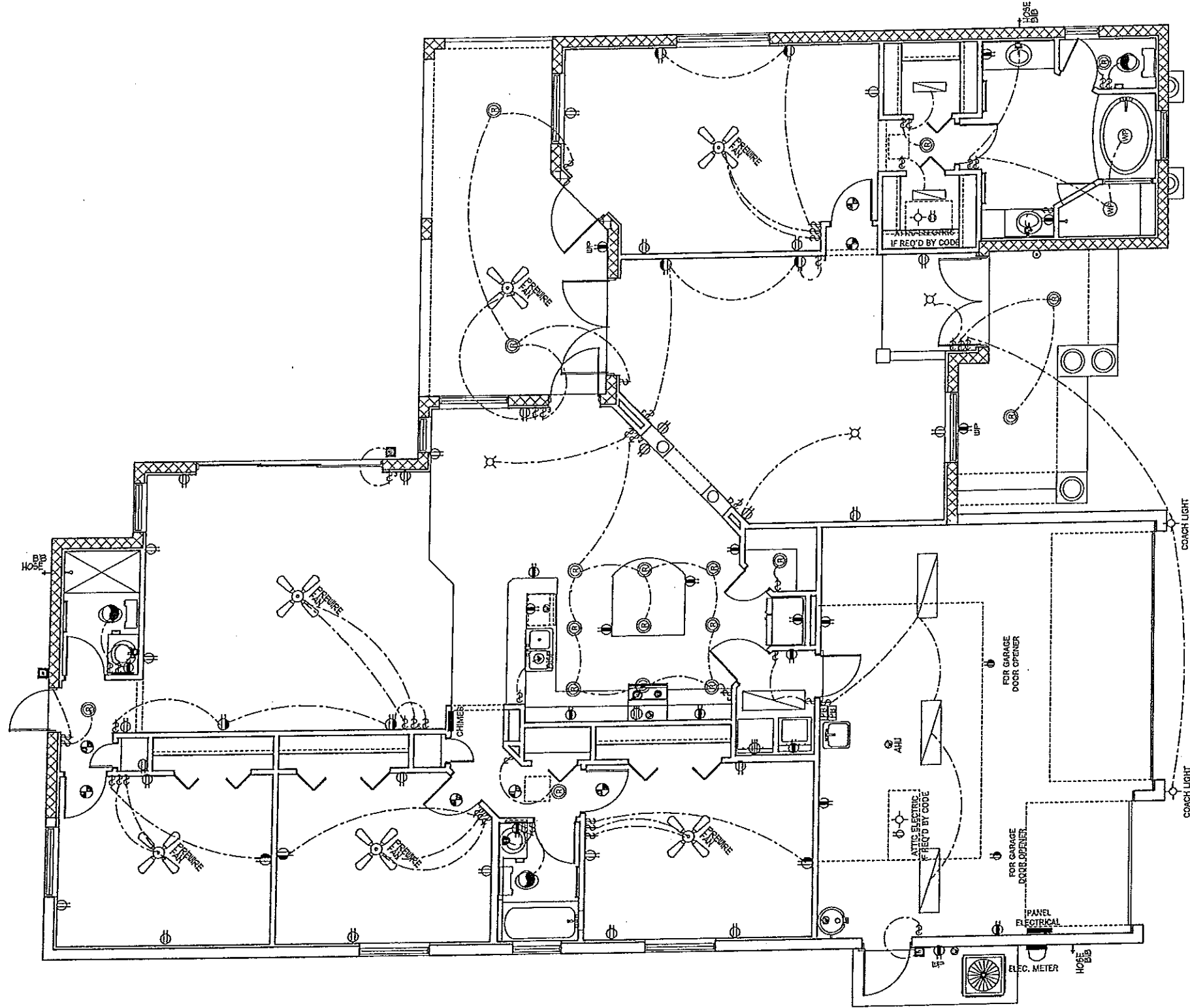
5. SMOKE DETECTORS SHALL BE IN ACCORDANCE WITH THE  
FLORIDA BUILDING CODE, SECTION 901.2

6. PROVIDE AFCI (ARC FAULT INTERRUPTERS) IN ALL BEDROOMS  
PER NEC, SECTION 210-12

7. ALL RECEPTACLES TO BE TAMPER RESISTANT PER SECT. 406.8

#### ELECTRICAL LEGEND

|      |                                   |   |                                            |
|------|-----------------------------------|---|--------------------------------------------|
| \$   | SINGLE POLE SWITCH                | ⊕ | SMOKE DETECTOR CARBON<br>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                           |
| ⊕    | SCOURCE (WALL MOUNTED)<br>FIXTURE | ⊕ | DOOR BELL                                  |
| ⊕    | 110 VOLT DUPLEX OUTLET            | ⊕ | DISPOSAL                                   |
| ⊕    | 110 VOLT SPLIT SWITCHED OUTLET    | ⊕ | DISCONNECT SWITCH                          |
| ⊕    | GROUND FAULT INTERRUPT            | ⊕ | PREWIRE SPEAKER                            |
| ⊕ WP | WATER PROOF W/ GROUND FAULT       | ⊕ | JUNCTION BOX                               |
| ⊕    | 220 VOLT OUTLET                   | ⊕ | THERMOSTAT                                 |
| ⊕    | SPECIAL SERVICES OUTLET           | ⊕ | LOW VOLTAGE LIGHTING                       |
| ⊕ TV | T.V. CABLE OUTLET                 | ⊕ | INTERCOM SYSTEM                            |
| ⊕    | TELEPHONE CABLE OUTLET            | ⊕ | GARAGE DOOR PUSH BUTTON                    |
| ⊕    | RECESSED LIGHTING                 |   |                                            |
| ⊕    | WATER PROOF<br>RECESSED LIGHTING  |   |                                            |
| ⊕    | BATH FAN                          |   |                                            |
| ⊕    | BATH FAN W/ LIGHT                 |   |                                            |



ELECTRICAL PLAN

SCALE 1/8" = 1' 0"

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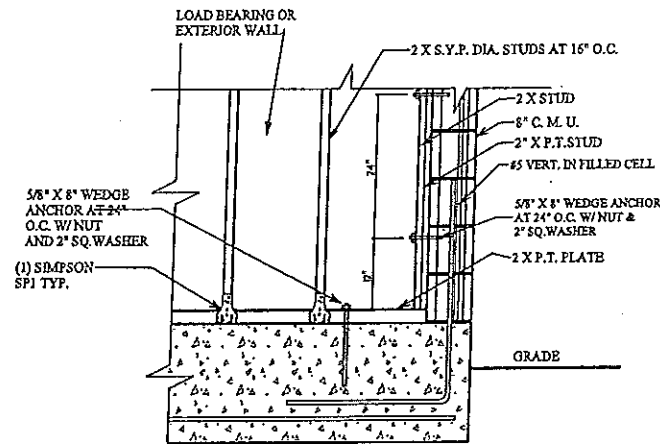
PLAN DATE  
11-11-15  
11-16-15

LOT FOUR  
ARROW ESTATES  
PASCO COUNTY, FL.

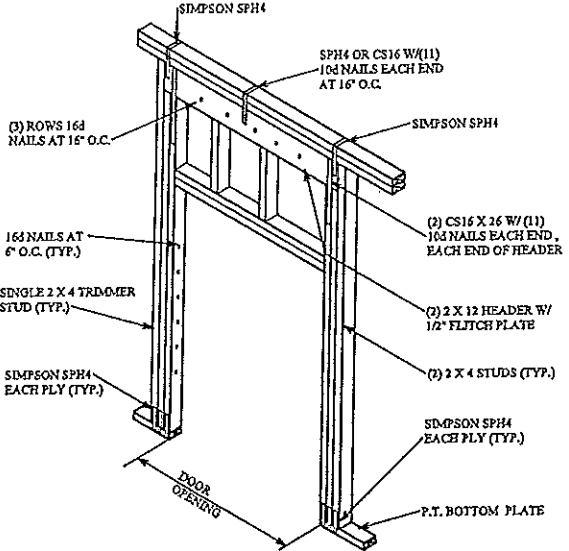
7



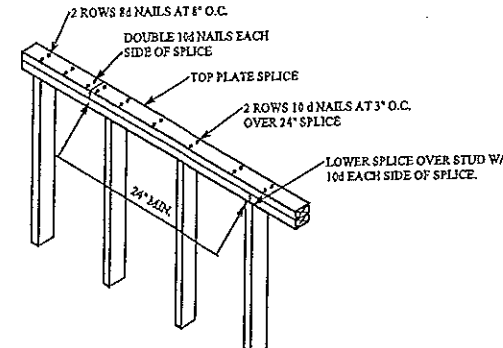
NOTE:  
INSTALL WEDGE ANCHORS WITHIN 12" OF TOP AND BTM. PLATE  
AND 24" O.C. BETWEEN END ANCHORS.



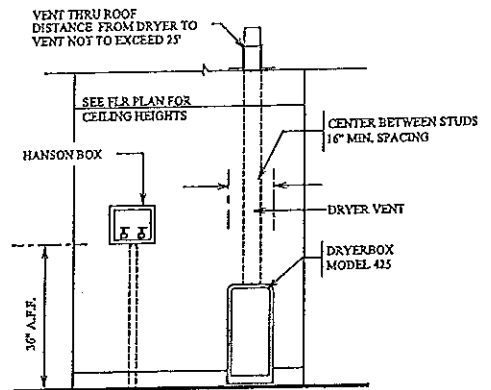
WOOD STUD CONNECTION  
TO MASONRY WALL



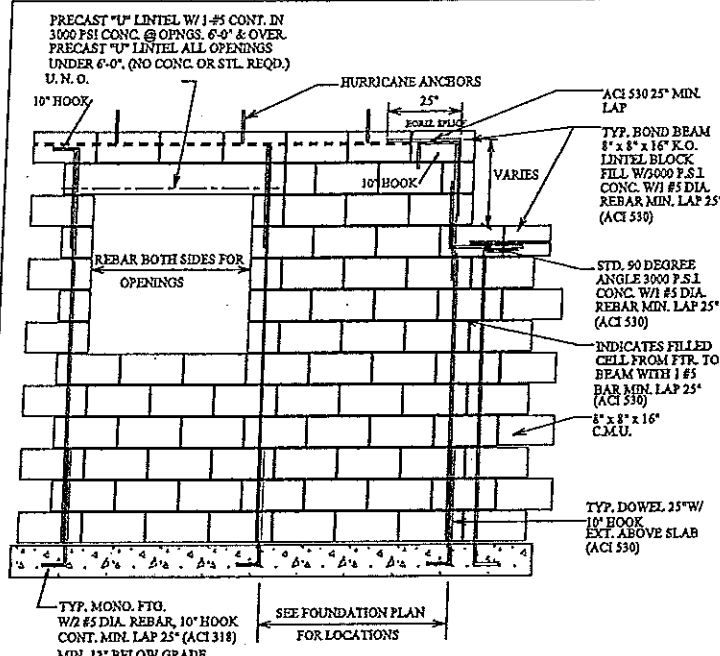
TYPICAL LOAD BEARING  
HEADER DETAIL



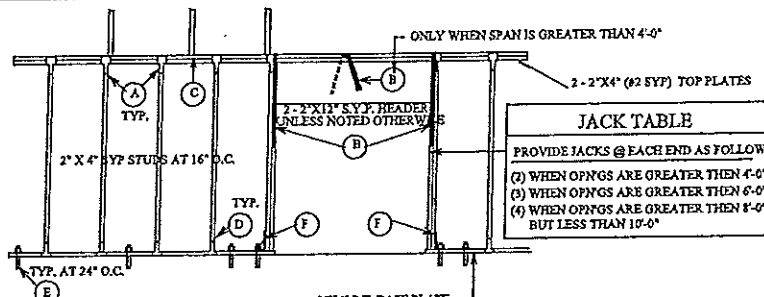
TOP PLATE SPLICE DETAIL



TYPICAL LAUNDRY PLUM. WALL



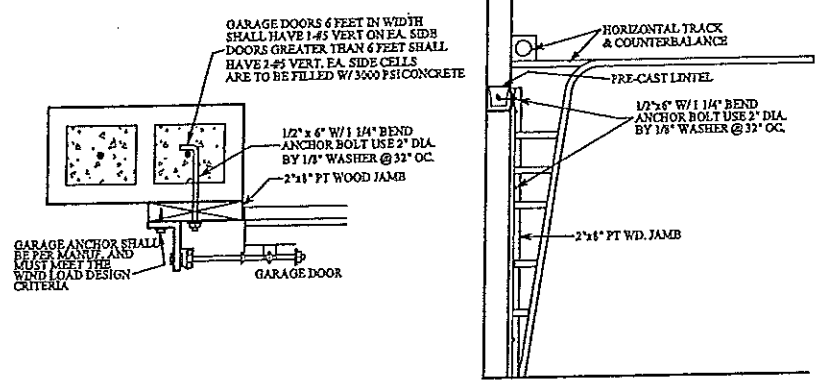
BLOCK WALL/REINFORCEMENT



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

| CONNECTOR LEGEND |                                                                                                                       |
|------------------|-----------------------------------------------------------------------------------------------------------------------|
| (A)              | SIMPSON SP2 W/ 6-10d x 1/2                                                                                            |
| (B)              | (4) SIMPSON LSTA2 W/ 1/2-10d                                                                                          |
| (C)              | H10 FROM TRUSS TO TOP PLATE                                                                                           |
| (D)              | SIMPSON SP1 W/ 6-10d x 1/2                                                                                            |
| (E)              | 5/8" X 8" ANCHOR BOLT W/ 2" WASHER AT 24" O.C.                                                                        |
| (F)              | SIMPSON LTT208 W/ 10-16d AND 5/8" ROD HEAD MIN 6" EMBEDMENT (ONLY APPLIES WHEN THERE IS UPLIFT AND ROOF LOAD APPLIED) |

JACK TABLE  
PROVIDE JACKS @ EACH END AS FOLLOWS  
(1) WHEN OPNGS ARE GREATER THEN 4'-0"  
(2) WHEN OPNGS ARE GREATER THEN 6'-0"  
(3) WHEN OPNGS ARE GREATER THEN 8'-0"  
(4) BUT LESS THAN 10'-0"



GARAGE DOOR CONNECTION DETAIL

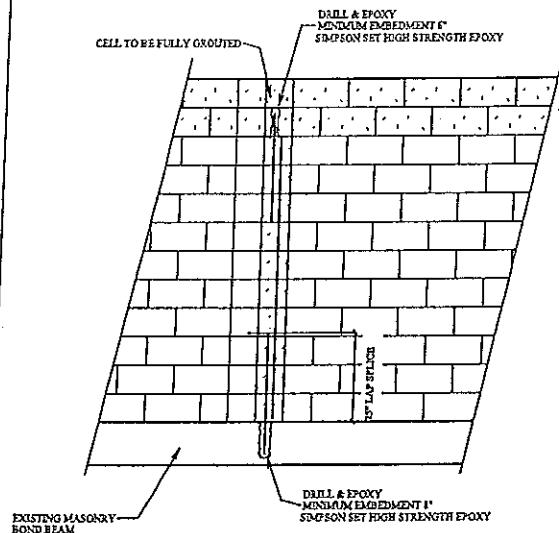
ALLEN ENGINEERING &  
CONSTRUCTION SERVICES  
RICH ALLEN PROFESSIONAL ENGINEER  
P.E. # 56920 C.A. # 9542  
P.O. BOX 151  
NEW PORT RICHEY, FL. 34656  
rallenpe@gmail.com

I HEREBY CERTIFY THAT I HAVE  
PERFORMED THE ATTACHED DESIGN  
TO COMPLY WITH THE MINIMUM  
REQUIREMENTS OF THE FLORIDA  
BUILDING CODE AND ITS SUPPLEMENTS  
AND I AM A LICENSED PROFESSIONAL  
ENGINEER IN THE STATE OF FLORIDA  
RICHARD ALLEN  
P.E. # 56920

LOT FOUR  
ARROW ESTATES  
PASCO COUNTY, FL.

PLANDATE  
11-11-15  
11-16-15

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



### 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 #3 BAR. INSTALL IN SLAB W/ 8\"/>

#### MISSING ANCHOR BOLTS AT BEARING WALL:

##### EXTERIOR BEARING WALL:

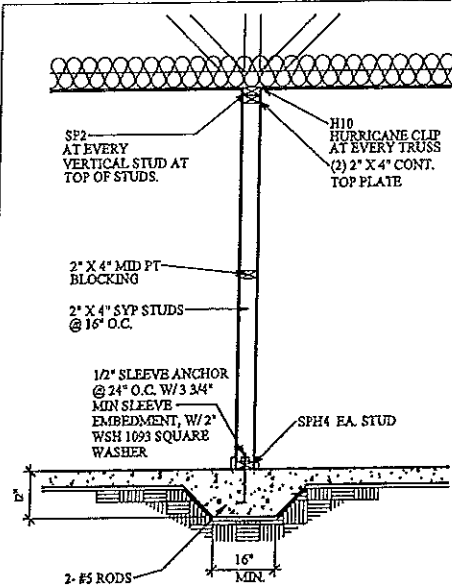
IN ADDITION TO THE GENERAL PLACEMENT REQUIREMENTS:

- 1) 5/8\"/>

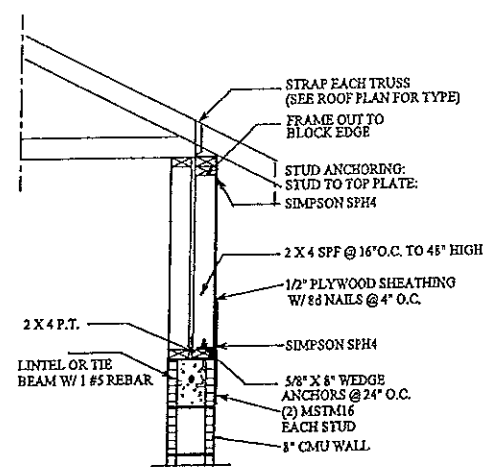
##### INTERIOR BEARING WALL:

IN ADDITION TO THE GENERAL PLACEMENT REQUIREMENTS:

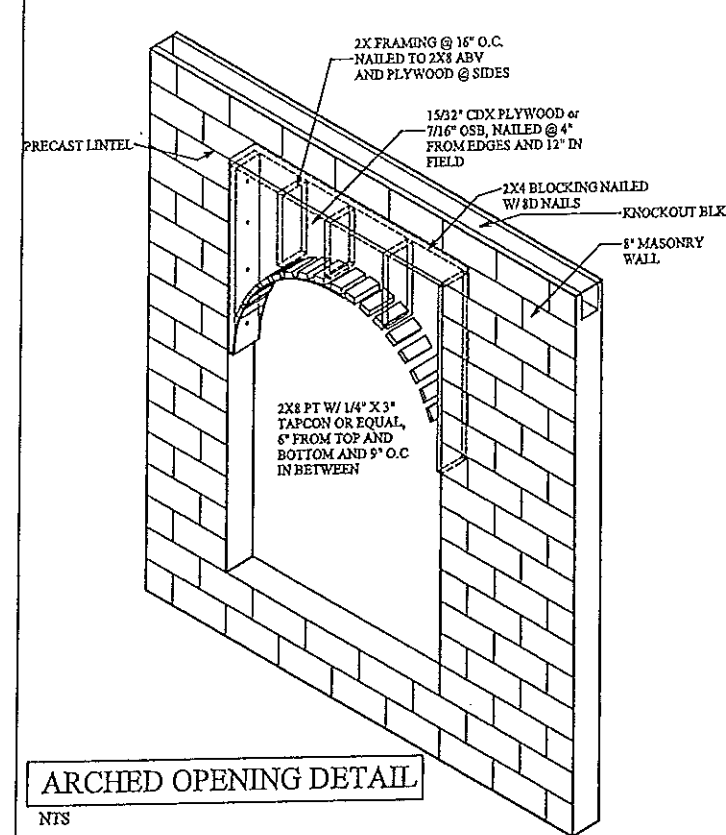
- 1) 5/8\"/>



### BEARING PARTITION

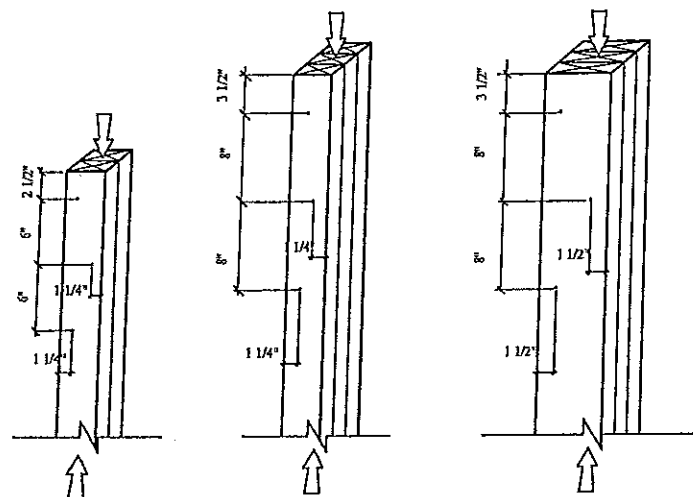


### KNEEWALL N.T.S.



### ARCHED OPENING DETAIL

NTS



- (1) 2\"/>
- (2) 2\"/>
- (3) 2\"/>

#### 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 304 COMMON NAIL MAY BE REPLACED W/ (2) 16d COMMON NAILS. (ONE INTO EACH OUTSIDE FACE OF B.U.C. SAME NUMBER OF ROES, SAME SPACING)
- 4) FOR 4-PLY, PROVIDE 1 1/4\"/>
- 5) FOR 5-PLY, PROVIDE 1 1/4\"/>
- 6) REFER TO NDS SECTION 15.3 FOR ADDITIONAL INFORMATION

### TYP. NAILING SCHEDULE FOR BUILT-UP COLUMNS

## CONSTRUCTION DETAILS

A.E.C.S. # 15094

FOX TAIL 2543

DEEB FAMILY  
HOMES, LTD.  
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NEW PORT RICHEY, FL. 34655

PLAN DATE

11-11-15

11-16-15

LOT FOUR  
ARROW ESTATES  
PASCO COUNTY, FL.

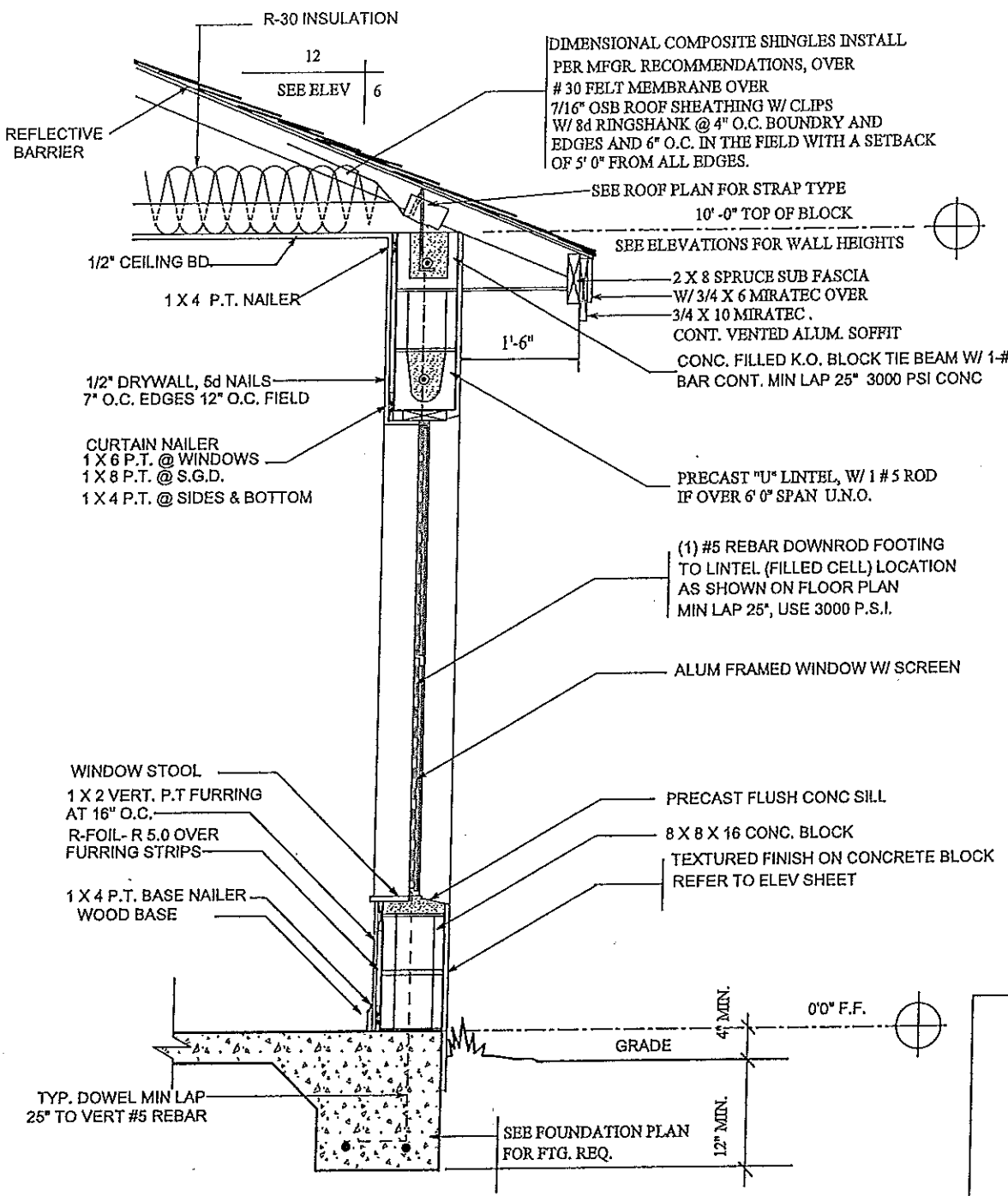
HERBIE GENTRY THAT I HAVE  
REVIEWED THE ATTACHED  
TO COMPLY WITH 150 MPH ULTIMATE  
WIND LOADS AND IT IS IN COMPLIANCE  
WITH SECT. 301 OF THE 2014 FLORIDA  
RESIDENTIAL BUILDING CODE  
SEALED FOR PROFESSIONAL USE ONLY  
SIGNED: *[Signature]*  
RICHARD ALLEN, P.E. 11-16-15

ALLEN ENGINEERING &  
CONSTRUCTION SERVICES  
RICH ALLEN PROFESSIONAL ENGINEER  
P.E. # 50920 C.A. # 9542  
P.O. BOX 351  
NEW PORT RICHEY, FL. 34656  
727-842-6100  
richallenpe@gmail.com

9

CONNECTOR TABLE

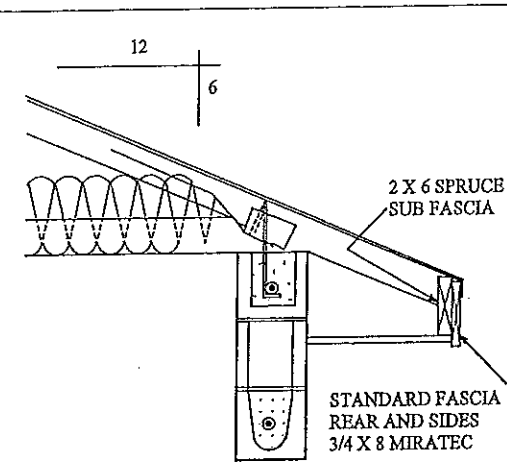
| SIMPSON        | FLORIDA PRODUCT NUMBERS PER INDEX 2-25-2011 |
|----------------|---------------------------------------------|
| MBHA3.66/11.88 | 10856.12                                    |
| F2             | 10456.10                                    |
| H5             | 10456.15                                    |
| H10            | 10456.6                                     |
| LG2            | 11470.6                                     |
| MGY            | 11470.7                                     |
| LSTA18         | 10852.4                                     |
| LSTA24         | 10852.4                                     |
| SP1            | 10456.41                                    |
| SP2            | 10456.42                                    |
| HTS20          | 10456.23                                    |
| HTS16          | 10456.22                                    |
| META16         | 11473.17                                    |
| L30            | 10446.11                                    |
| MSTAM24        | 11473.19                                    |
| MSTAM36        | 11473.19                                    |
| MSTCM80        | 11473.19                                    |
| CS16           | 10852.1                                     |
| SPH4           | 10456.46                                    |
| SPH5           | 10456.47                                    |
| HTT4           | 11496.2                                     |
| HTT5           | 11496.2                                     |
| ABU66          | 10849.6                                     |



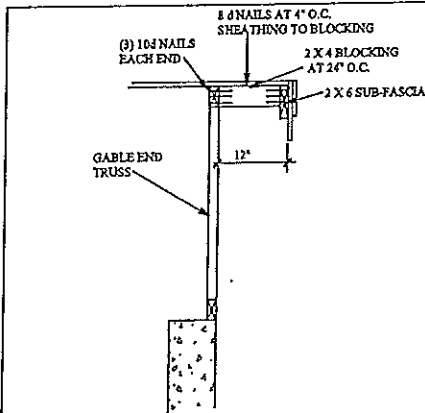
TYPICAL WALL SECTION

TERMITE SPECIFICATIONS:

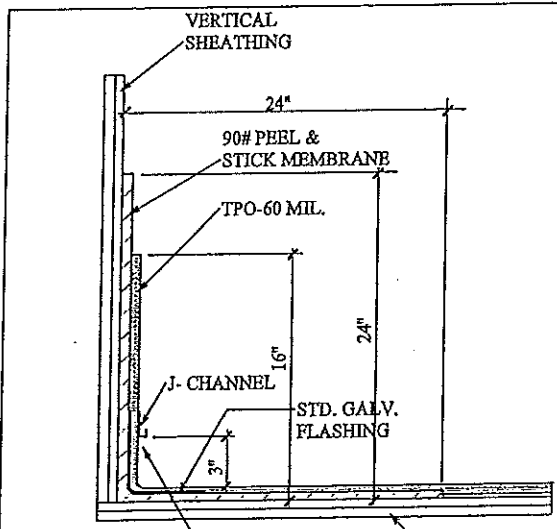
INSTALL "BORA-CARE" TERMITE PROTECTION SYSTEM  
PER MANUF. SPECIFICATIONS



STANDARD FASCIA



GABLE END OVERHANG



STD. FLASHING DETAIL

CONST. DETAILS

A.E.C.S. # 15094

FOXTAIL 2543

DEEB FAMILY  
HOMES, LTD.  
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NEW PORT RICHEY, FL. 34655

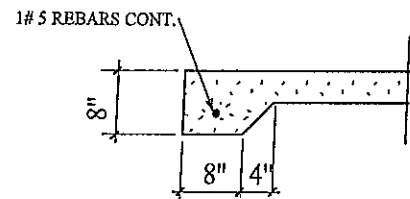
|           |          |
|-----------|----------|
| PLAN DATE | 11-1-15  |
|           | 11-16-15 |
|           |          |
|           |          |
|           |          |

LOT FOUR  
ARROW ESTATES  
PASCO COUNTY, FL.

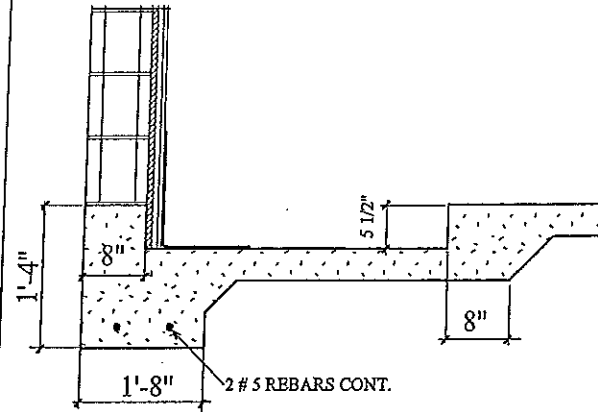
I HEREBY CERTIFY THAT I HAVE  
PERFORMED THE ATTACHED DESIGN  
TO COMPLY WITH THE MINIMUM  
WIND LOADS AND IT IS IN COMPLIANCE  
WITH SECT. 301 OF THE 2014 FLORIDA  
RESIDENTIAL BUILDING CODE  
SEALED FOR THE TOWN OF  
SIGNED  
RICHARD L. ALLEN P.E. # 56920

ALLEN ENGINEERING &  
CONSTRUCTION SERVICES  
RICH ALLEN PROFESSIONAL ENGINEER  
P.E. # 56920 C.A. # 9542  
P.O. BOX 1351  
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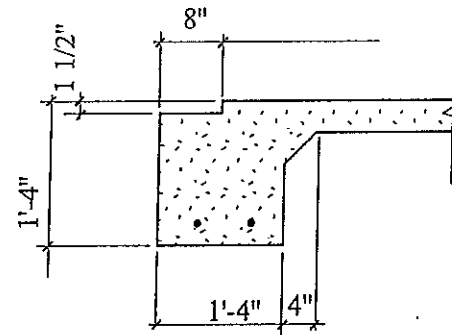
10



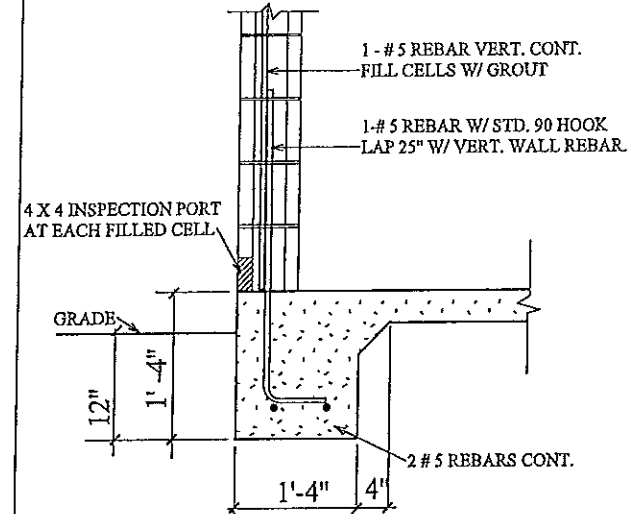
8" THICKENED SLAB (J)



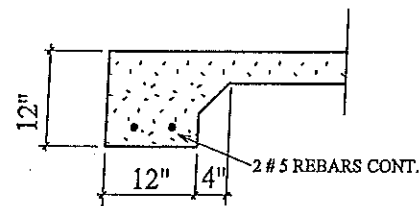
SHOWER RECESS (G)



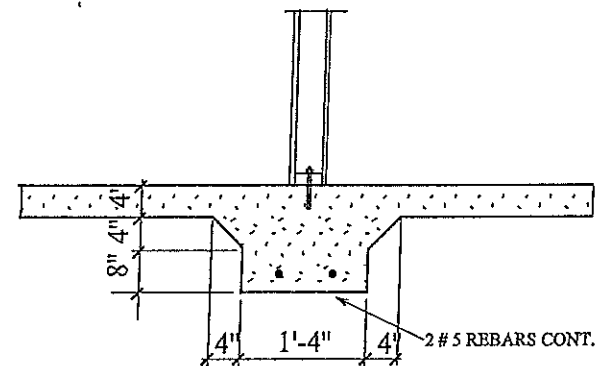
SLIDING GLASS DR. RECESS (D)



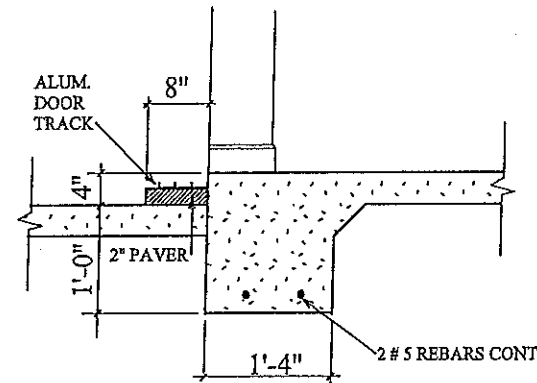
TYPICAL ONE STORY (A)



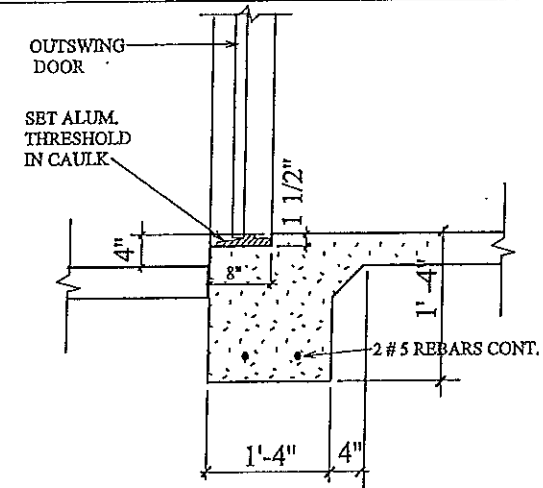
12" THICKENED SLAB (K)



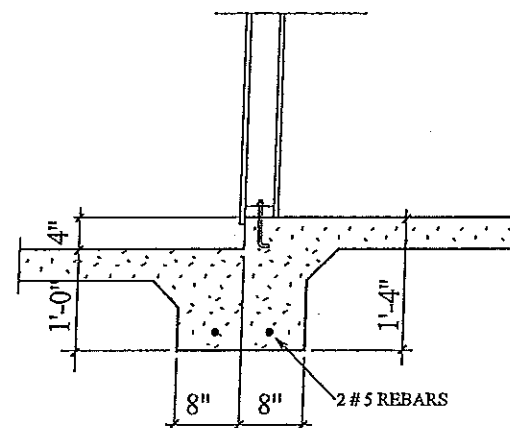
INTERIOR BEARING FTG. (H)



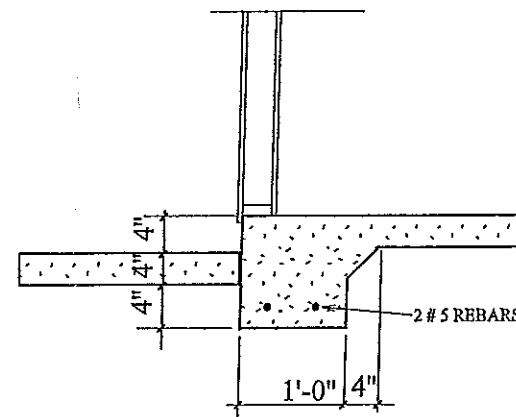
EXTERIOR POCKET S.G.D. (E)



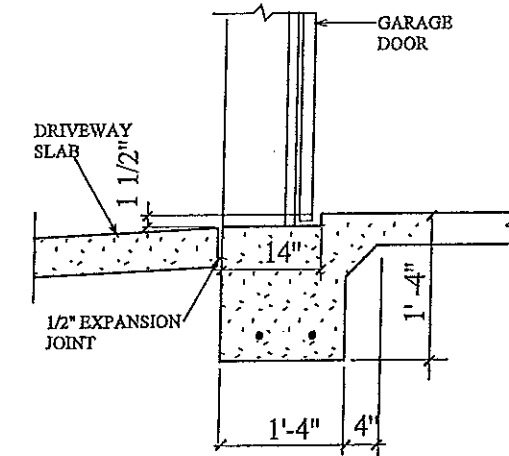
EXTERIOR DOOR RECESS (B)



BEARING GARAGE STEP (I)



NON-BRG. GARAGE STEP (F)



GARAGE DOOR RECESS (C)

FOOTING DETAILS

A.E.C.S. # 15094

FOX TAIL 2543

PLAN DATE

11-11-15  
11-16-15

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

LOT FOUR  
ARROW ESTATES  
PASCO COUNTY, FL.

ALLEN ENGINEERING &  
CONSTRUCTION SERVICES  
RICH ALLEN PROFESSIONAL ENGINEER  
P.E. # 56920 C.A. # 9542  
P.O. BOX 351  
NEW PORT RICHEY, FL. 34656  
727-842-6100  
richallenpe@gmail.com

I HEREBY CERTIFY THAT I HAVE  
PERFORMED THE ATTACHED DESIGN  
TO COMPLY WITH THE MINIMUM  
WIND LOADS AND IT IS IN COMPLIANCE  
WITH SECTION 301 OF THE 2014 FLORIDA  
RESIDENTIAL BUILDING CODE  
SEALED FOR THE PROJECT ONLY  
SIGNED: RICH ALLEN P.E. # 56920  
11/16/15

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