

COLUMNS UNLESS OTHERWISE SHOWN IN THE STRUCTURAL PLANS.

32. STRUCTURAL STEEL AND CONNECTION ACCESSORY MATERIAL [GENERAL]:

32.1 I-BEAMS, FORMED STRUCTURAL STEEL, FLAT BAR OR PLATE SHALL BE ASTM GRADE A56 UNLESS STATED OTHERWISE.

32.2 ALL STRUCTURAL STEEL SHALL HAVE A MINIMUM OF TWO COATS OF PRIMER AND TWO COATS OF EPOXY AS A CORROSION PREVENTIVE. THE BUILDING CONTRACTOR MAY VARY FROM THIS SPECIFICATION WITH THE APPROVAL OF THE STRUCTURAL ENGINEER IF IT CAN BE DEMONSTRATED ANOTHER MEANS OF CORROSION CONTROL IS EQUALLY EFFECTIVE.

32.3 ALL WELDING OF STRUCTURAL STEEL SHALL BE MADE WITH E60/70 TYPE ELECTRODES. THE DEPTH AND LENGTH FOR THE WELD SHALL BE SPECIFIED IN THE STRUCTURAL DESIGN FOR THE SPECIFIC CONNECTION.

33. VENTILATION [GENERAL]

33.1 THE STRUCTURAL ENGINEER IS NOT RESPONSIBLE FOR DETERMINING VENTILATION REQUIREMENTS OF CRAWL SPACES, FLOORS, AND ATTICS NOR THE MEANS AND METHODS FOR IMPLEMENTING THESE REQUIREMENTS.

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.

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 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 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.

2. 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

1. ANY RENDERINGS OF FENCES, RETAINING WALLS, OR EXTENSOR 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.

Floor and Roof Live Loads

Uninhabitable Attics:	20 psf
Habitable Attics, Bedroom:	30 psf
All Other Rooms:	40 psf
Garage:	40 psf
Roofs:	20 psf

Wind Design Data

Ultimate Wind Speed:	145 mph
Nominal (Basic) Wind Speed:	112 mph
Risk Category:	II
Wind Exposure:	B
Enclosure Classification:	Enclosed
Internal Pressure Coefficient:	0.18 +/-

Components and Cladding:

Roofing Zone 1:	16.0 psf max., -20.7 psf min.
Roofing Zone 2:	16.0 psf max., -36.0 psf min.
Roofing Zone 3:	16.0 psf max., -53.2 psf min.
Roofing at Zone 2 Overhangs:	-42.1 psf min.
Roofing at Zone 3 Overhangs:	-70.8 psf min.
Stucco, Cladding, Doors and Windows:	
Zone 4:	22.6 psf max., -24.5 psf min.
Zone 5:	22.6 psf max., -30.2 psf min.
9' Wide O/H Dr.:	19.8 psf max., -22.4 psf min.
16' Wide O/H Dr.:	19.0 psf max., -21.2 psf min.

The Nominal Wind Speed was used to determine these Component and Cladding Pressures.

All exterior glazed openings shall be protected from wind-borne debris as per Section 1609.1.2 of the 2010 Florida Building Code.

Geotechnical Information

Design Soil Load-Bearing Capacity: 2,000 psf

Flood Design Data

Flood Zone: X

Door and Window Openings

No.	Description	Opening Width	Opening Height	Distance from Corner	Design Pressure Requirements
1	Entry Door - example	3	8	12	21.4 psf max., -23.3 psf min.
2	Sliding Glass Door - example	6	6.67	6	20.7 psf max., -23.2 psf min.
3	Fixed Glass Window - example	2	2	3	22.6 psf max., -30.2 psf min.
4	10 sqft zone 4	3	3.3	10	22.6 psf max., -24.5 psf min.
4	20 sqft zone 4	4	5	10	21.6 psf max., -23.0 psf min.
4	30 sqft zone 4	5	6	10	21.1 psf max., -23.0 psf min.
4	40 sqft zone 4	5	8	10	20.7 psf max., -22.6 psf min.
4	50 sqft zone 4	5	10	10	20.2 psf max., -22.1 psf min.
4	100 sqft zone 4	10	10	10	19.2 psf max., -21.2 psf min.
5	10 sqft zone 4	4	2.5	2	22.6 psf max., -30.2 psf min.
5	20 sqft zone 4	4	5	2	21.6 psf max., -28.2 psf min.
5	30 sqft zone 4	4	7.5	2	21.1 psf max., -27.3 psf min.
5	40 sqft zone 4	4	10	2	20.7 psf max., -26.4 psf min.
5	50 sqft zone 4	4	12.5	2	20.2 psf max., -25.5 psf min.
5	100 sqft zone 4	4	25	2	19.2 psf max., -23.5 psf min.

WIND LOAD DESIGN DATA

A.E.C.S. # 12065

ASPEN 3058D



DEEB FAMILY HOMES, LTD.

9400 RIVER CROSSING BLD.
NEW PORT RICHEY, FL. 34655
727-376-6831

PLAN DATE

7-11-12
7-24-12

**LOT 10
KEYSTONE SPRINGS
PINELLAS COUNTY, FL.**

I HEREBY CERTIFY THAT I HAVE PERFORMED THE ATTACHED DESIGN TO COMPLY WITH 145 MPH ULTIMATE WIND LOADS AND IT IS IN COMPLIANCE WITH SECT. 301 OF THE 2010 FLORIDA RESIDENTIAL BUILDING CODE SEALED FOR STRUCTURE ONLY

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

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
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:

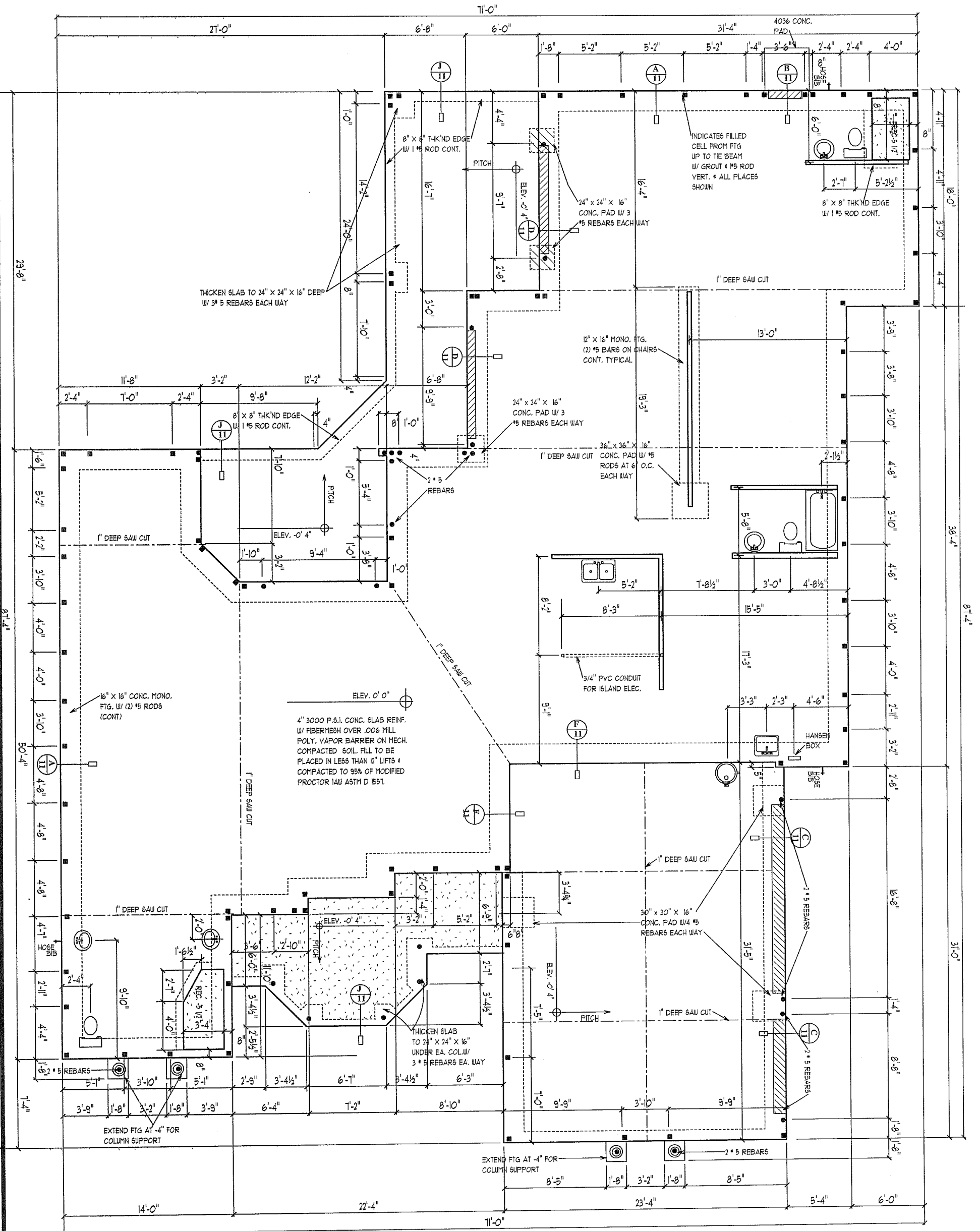
INSTALL "BORA-CARE" TERMITE PROTECTION
 SYSTEM PER MANUF. SPECIFICATIONS

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

NO SOILS INFORMATION PROVIDED
 PRESUMPTIVE ALLOWABLE SOIL BEARING
 CAPACITY IS 2000 PSF

NOTES

- 1) NO SOILS INFORMATION PROVIDED, PRESUMED ALLOWABLE SOIL BEARING CAPACITY IS 2,000 P.S.F.
- 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.

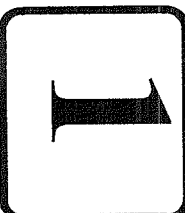


FOUNDATION PLAN

SCALE 1/8" = 1' 0"

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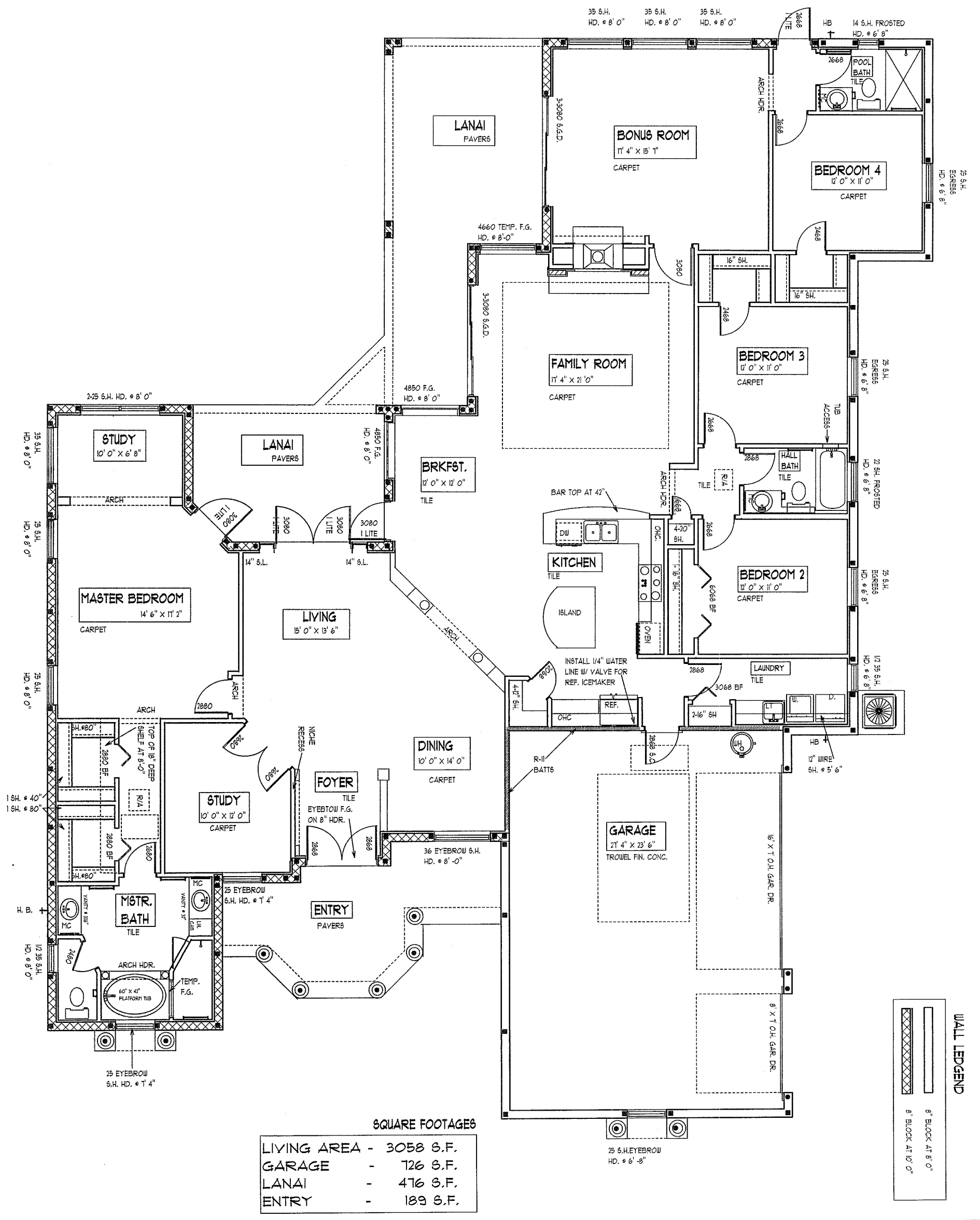
7-11-12
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**LOT 10
 KEYSTONE SPRINGS
 PINELLAS COUNTY, FL.**

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FLOOR PLAN NOTES

SCALE 1/8" = 1' 0"

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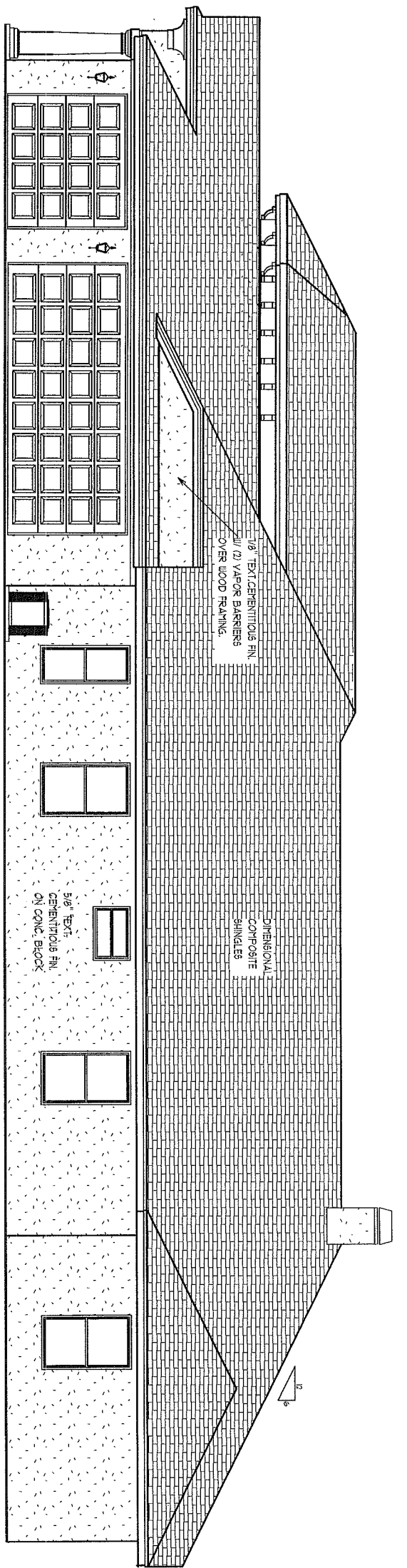
ASPEN 3058D

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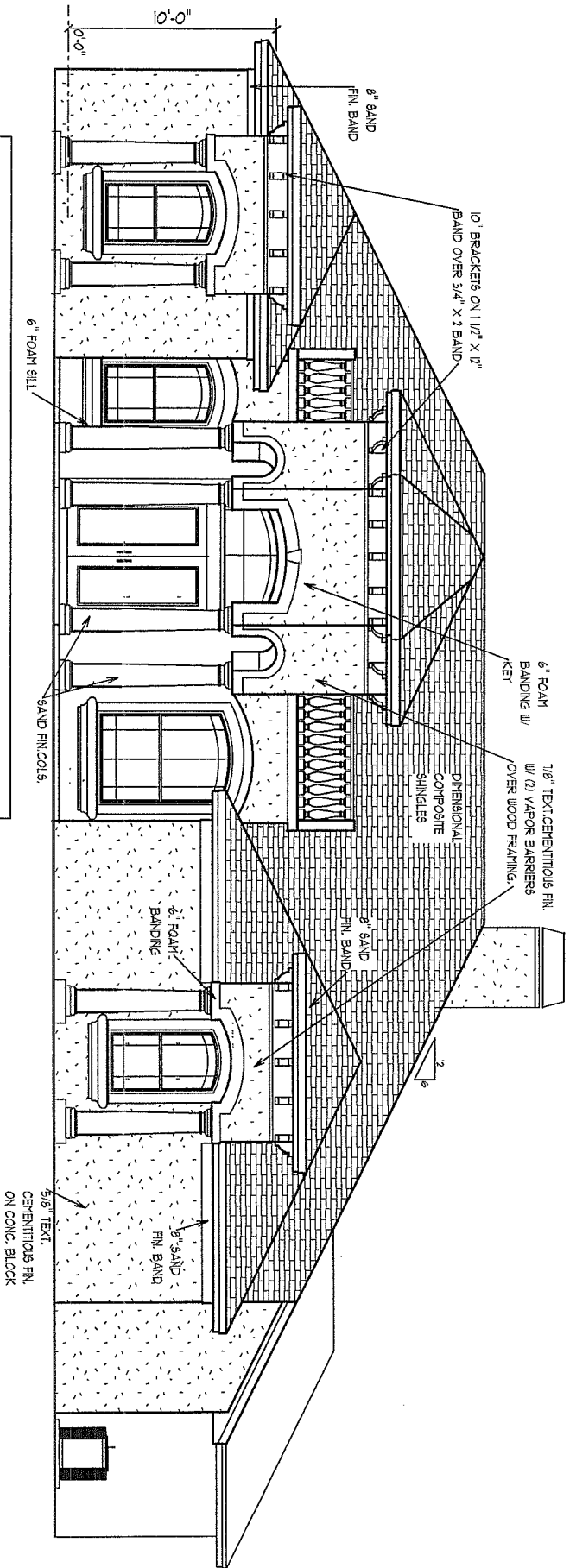
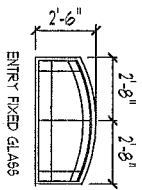
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LOT 10
KEYSTONE SPRINGS
PINELLAS COUNTY, FL.



RIGHT SIDE ELEVATION



FRONT ELEVATION

EXTERIOR ELEVATIONS -D

1/8" = 1' 0"

A.E.C.S. # 12065

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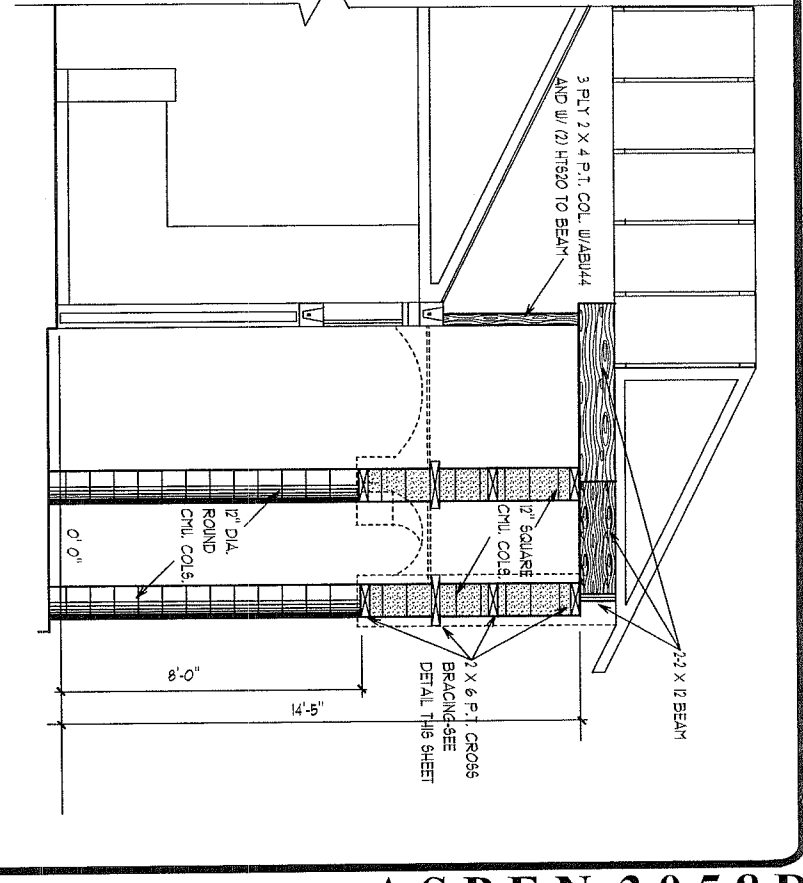
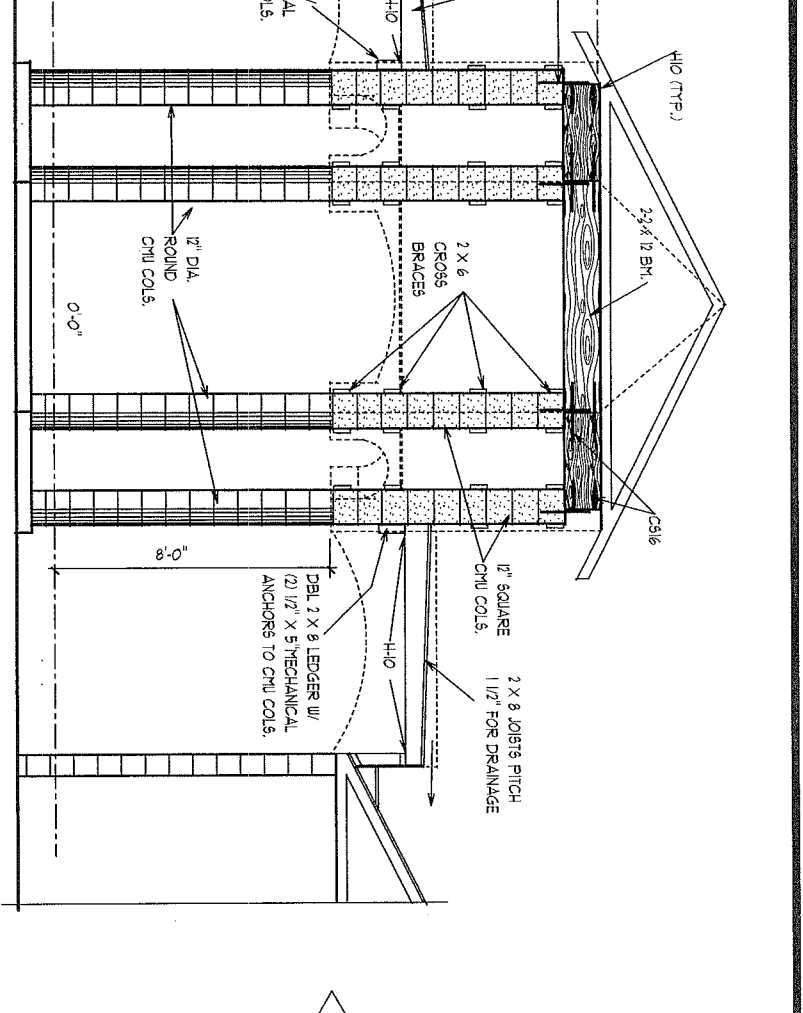
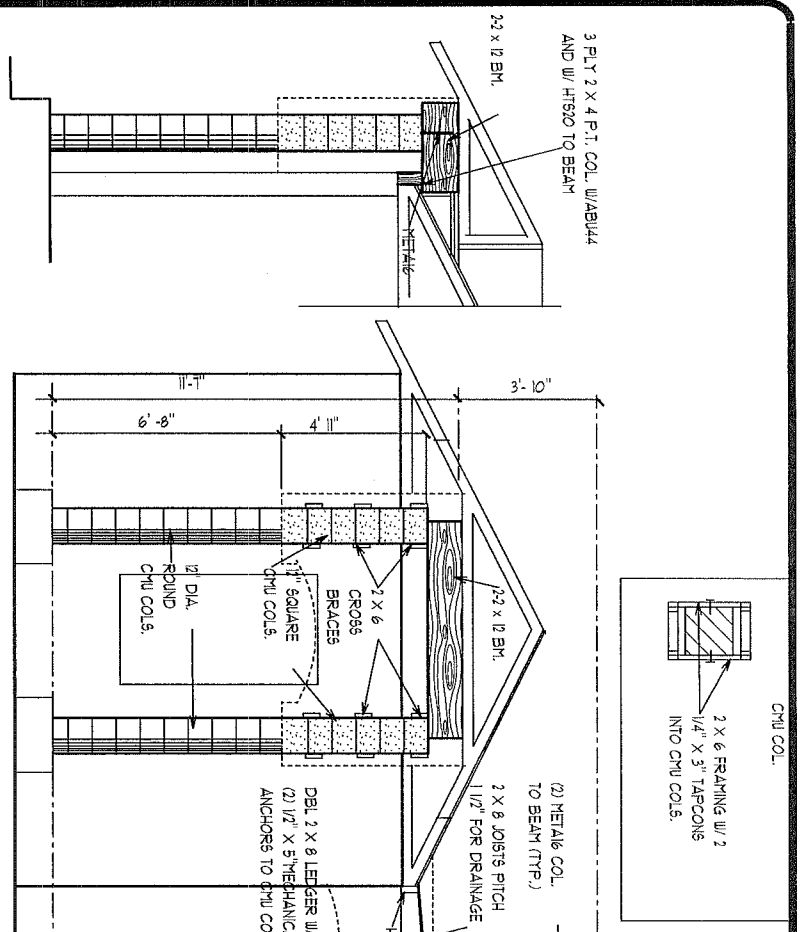
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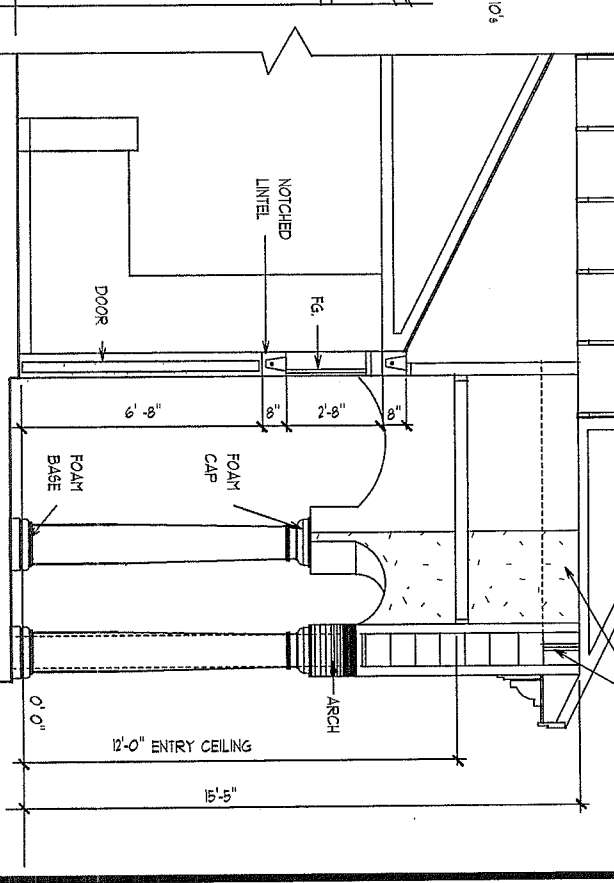
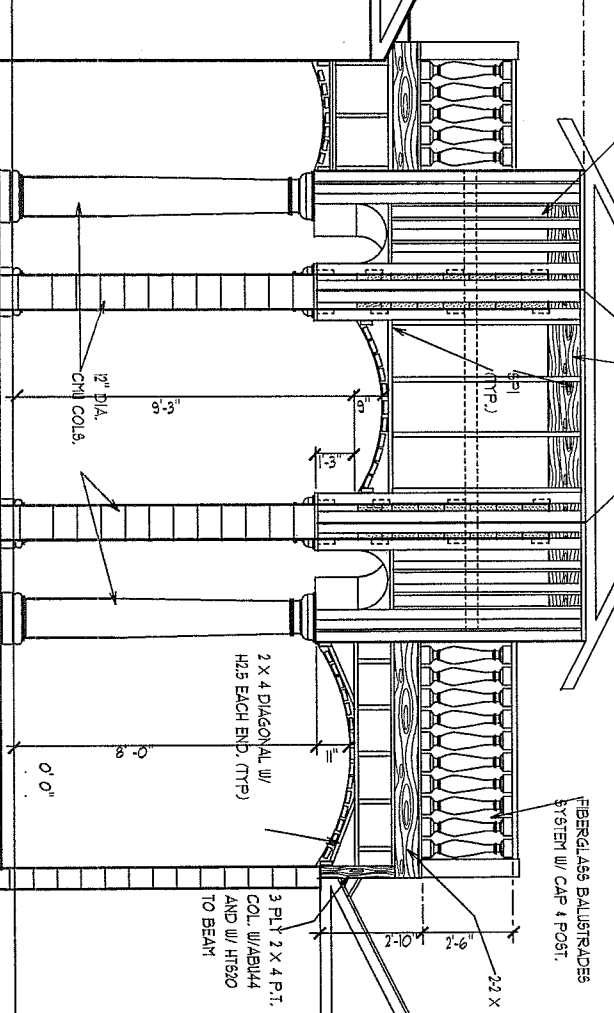
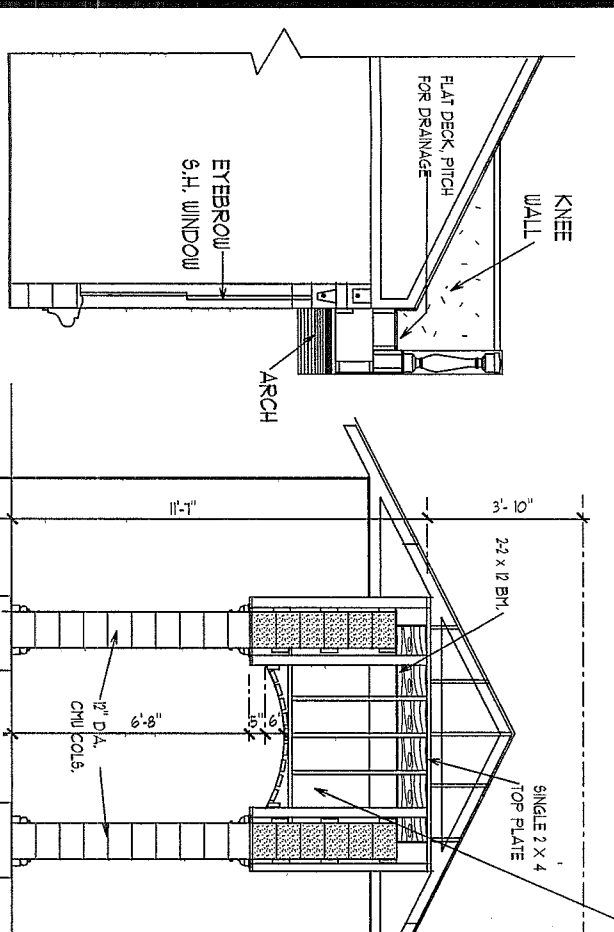
LOT 10
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PINELLAS COUNTY, FL.



ENTRY COLUMN FRAMING

SECT. THRU ENTRY

CONNECTOR SCHEDULE:
 3PL-4-10d TO PLATE
 6-10 TO STUD
 H10-8-8d X 1 1/2" TO TRUSS & TOP PLATE
 H2-5-8d
 METAL6-6-16d
 C616-20-10d
 HTS20-20-10d
 NSTM6-1/4" X 1 3/4" TAPCONS



SECTION AT DINING

ENTRY FRAMING

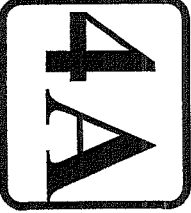
SECT. THRU ENTRY

ENTRY TOWER DETAILS

SCALE 3/16" = 1'-0"

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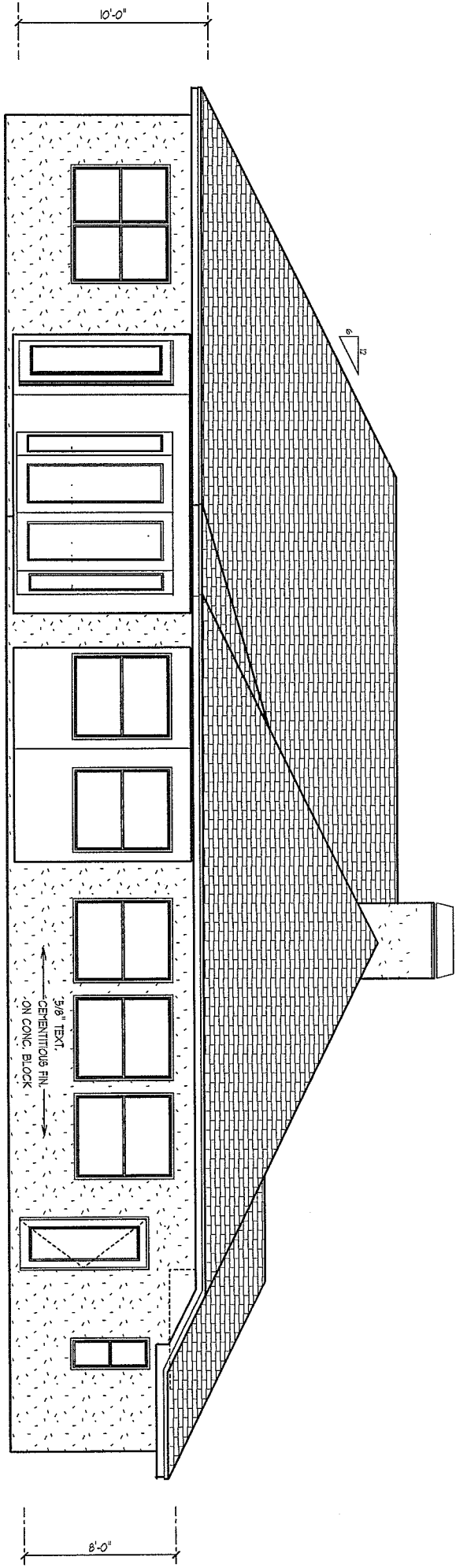
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LOT 10
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PINELLAS COUNTY, FL.

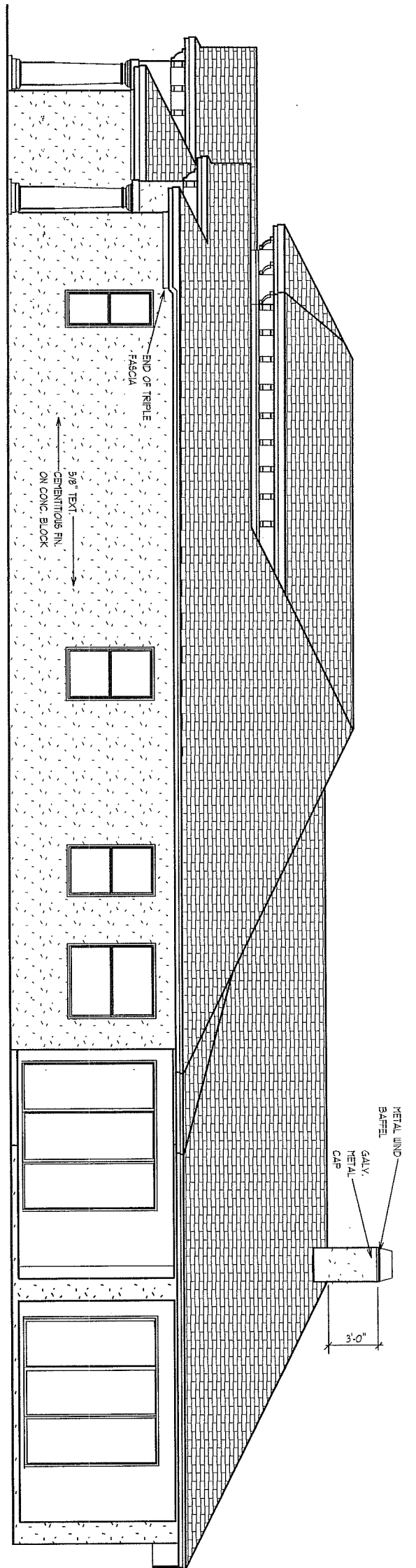
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 SIGNED: *Richard E. Allen*
 RICHARD E. ALLEN P.E. #56920

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 RICH ALLEN PROFESSIONAL ENGINEER
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REAR ELEVATION



RIGHT SIDE ELEVATION



EXTERIOR ELEVATIONS -D

1/8" = 1' 0"

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5

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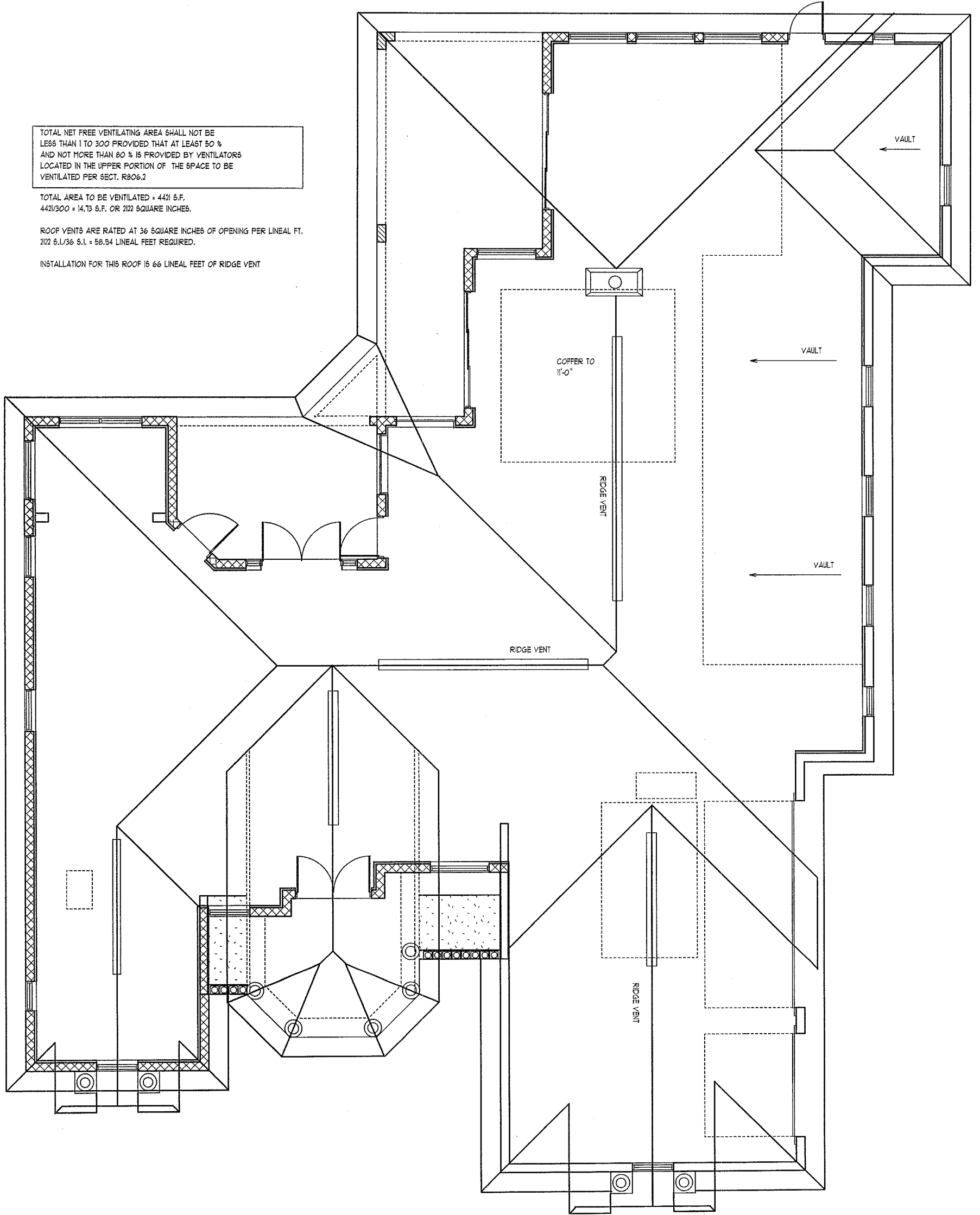
LOT 10
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PINELLAS COUNTY, FL.

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. R806.2

TOTAL AREA TO BE VENTILATED = 4421 S.F.
 $4421/300 = 14.73$ S.F. OR 2122 SQUARE INCHES.

ROOF VENTS ARE RATED AT 36 SQUARE INCHES OF OPENING PER LINEAL FT.
 $2122 \text{ S.F.} / 36 \text{ S.I.} = 58.94$ LINEAL FEET REQUIRED.

INSTALLATION FOR THIS ROOF IS 66 LINEAL FEET OF RIDGE VENT

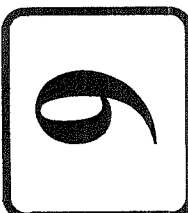


ROOF PLAN- D

SCALE 1/8" = 1' 0"

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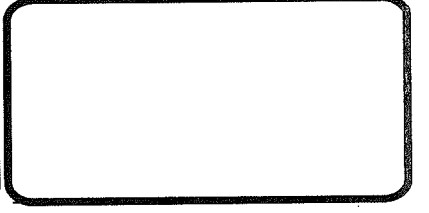
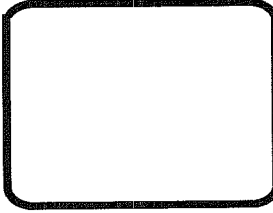
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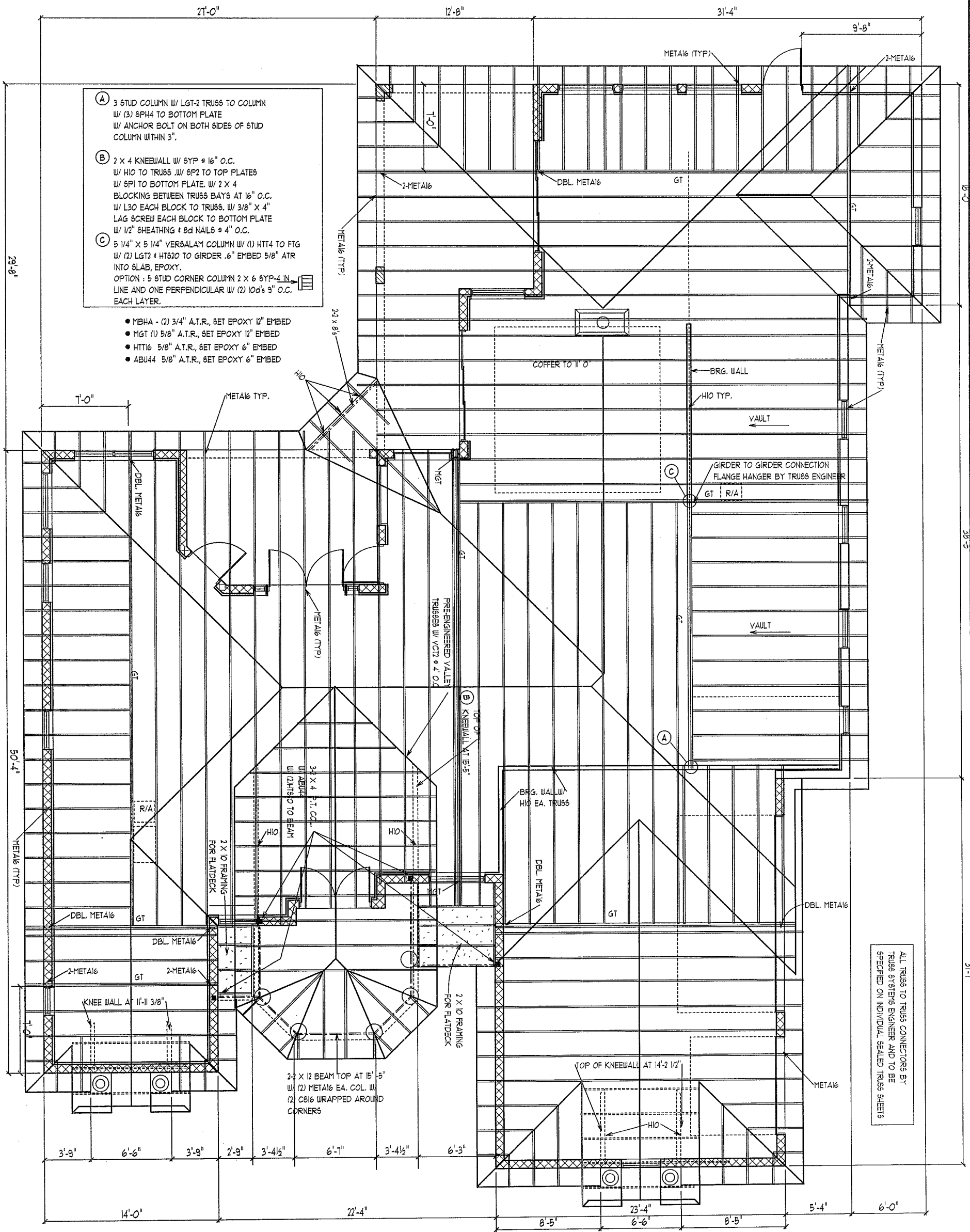
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NOTE: INSTALL MOISTURE BARRIER BETWEEN MASONRY & UNTREATED WOOD

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.

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.

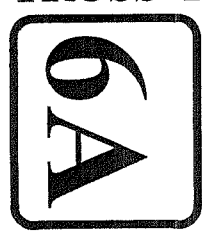


TRUSS PLAN - D

SCALE 1/8" = 1' 0"

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 7-11-12
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LOT 10
KEYSTONE SPRINGS
PINELLAS COUNTY, FL.

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

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- ELECTRICAL LEGEND**
- \$ SINGLE POLE SWITCH
 - \$2 DOUBLE POLE SWITCH
 - \$3 THREE-WAY SWITCH
 - \$4 FOUR-WAY SWITCH
 - \$DM DIMMER SWITCH
 - CEILING FIXTURE
 - SCQUANCE (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, 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
- 9" SW
- 12" SW
- 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' AFF. (GENERAL.)

KITCHEN 42" HORIZONTAL
 BATHROOM 42" HORIZONTAL
 LAUNDRY 3/4" WASHER 24" DRYER WALL OUTLETS 45"
 EXTERIOR WATERPROOF 1"
 GARAGE 220V 45"
 RANGE 220V 45"

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

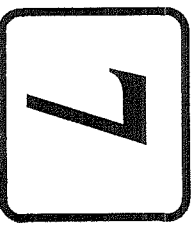
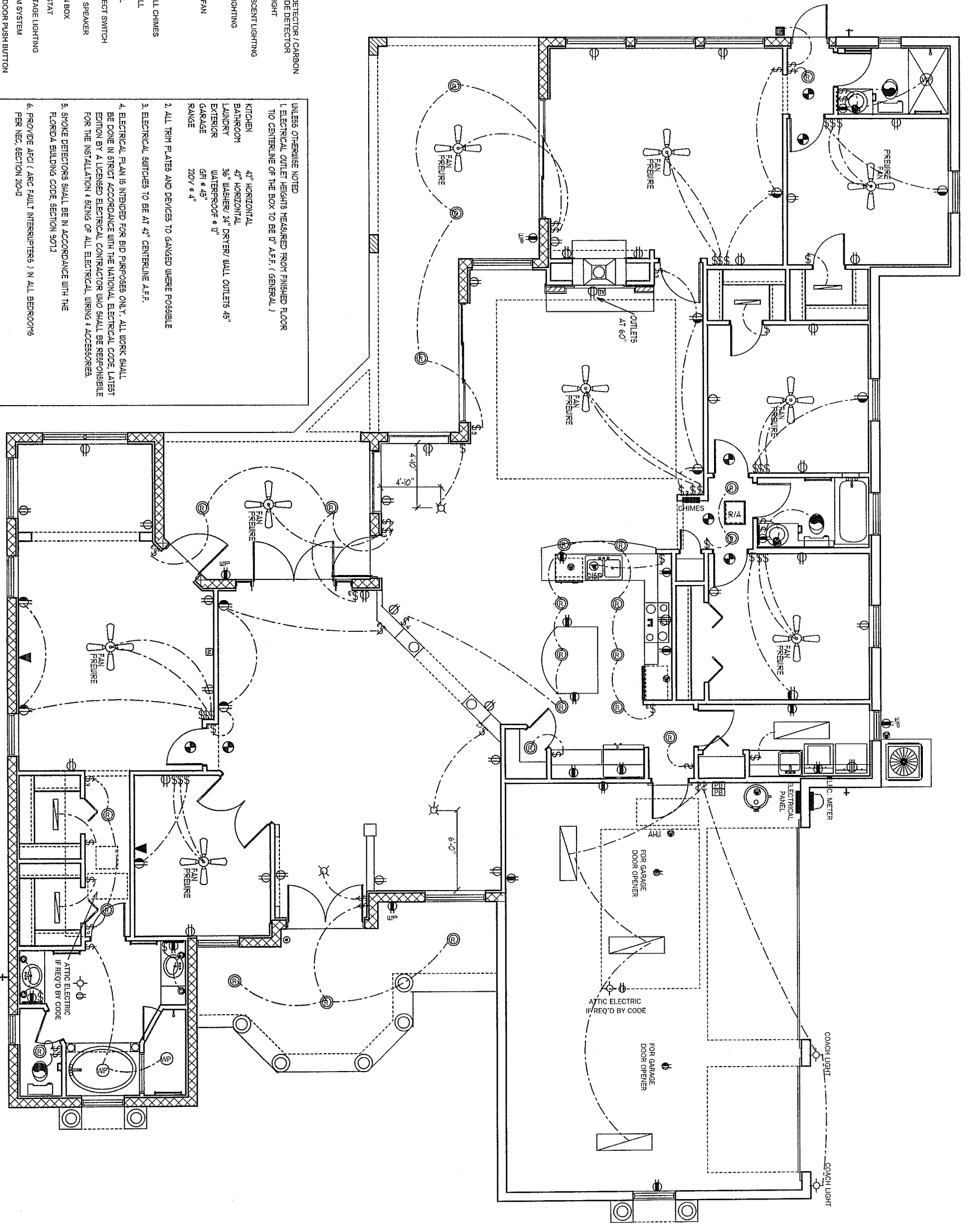
3. ELECTRICAL SWITCHES TO BE AT 42" CENTERLINE AFF.

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 & SING 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 20.2.1

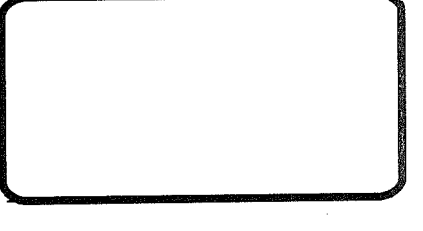
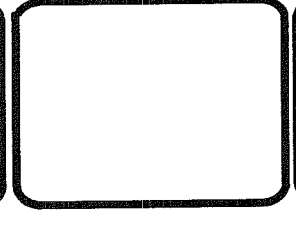
7. ALL RECEPTALS TO BE TAMPER PROOF PER SECT. 406.11

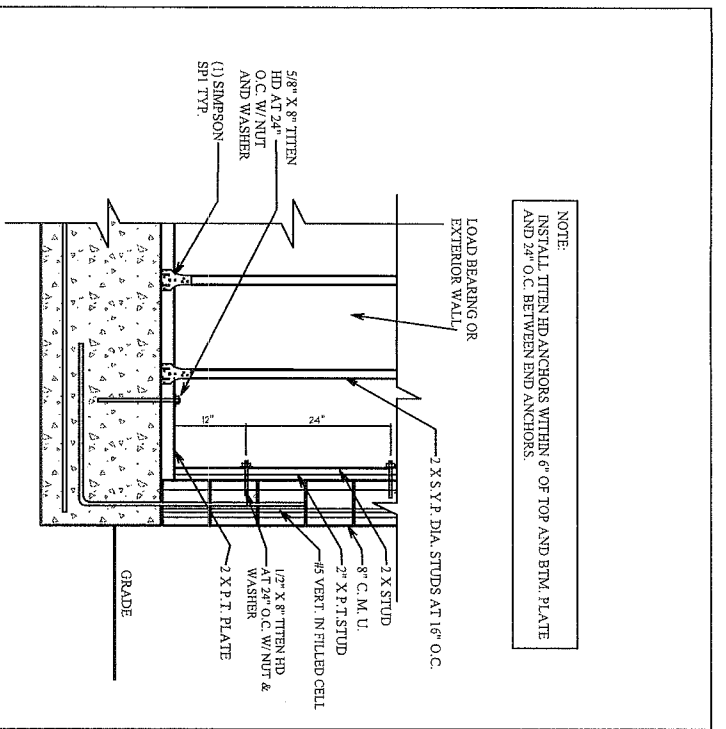


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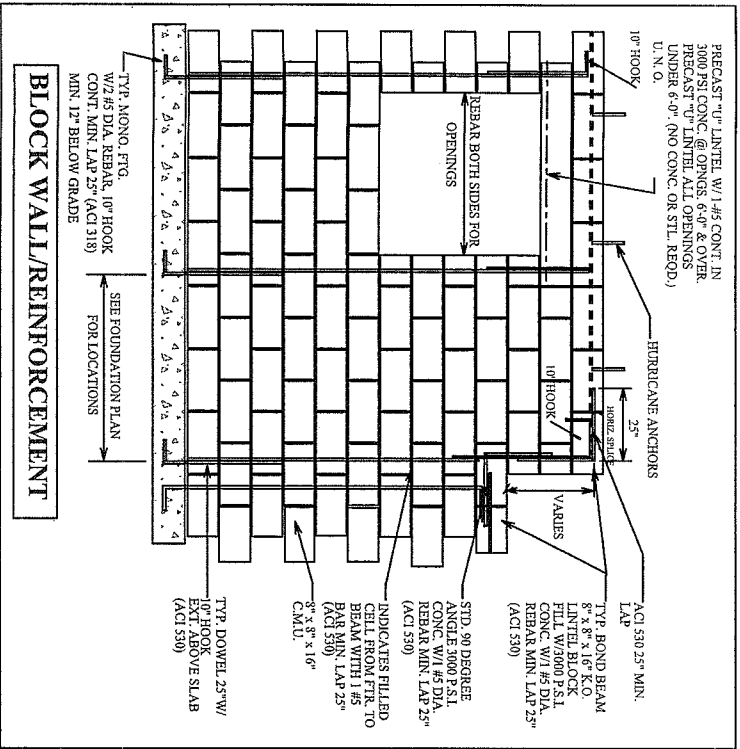
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PINELLAS COUNTY, FL.

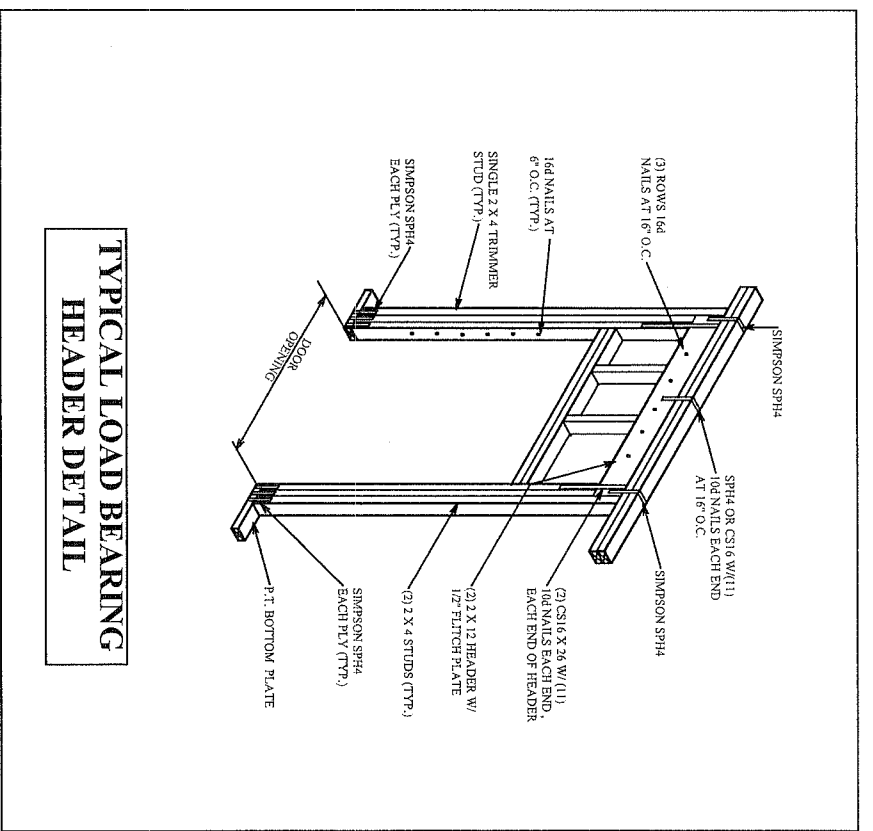




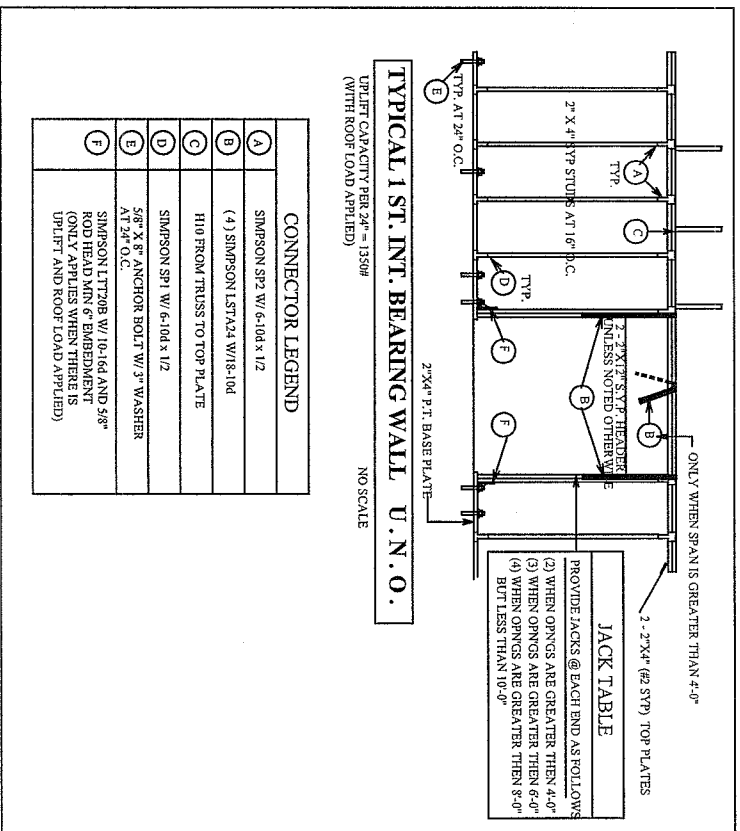
WOOD STUD CONNECTION TO MASONRY WALL



BLOCK WALL/REINFORCEMENT

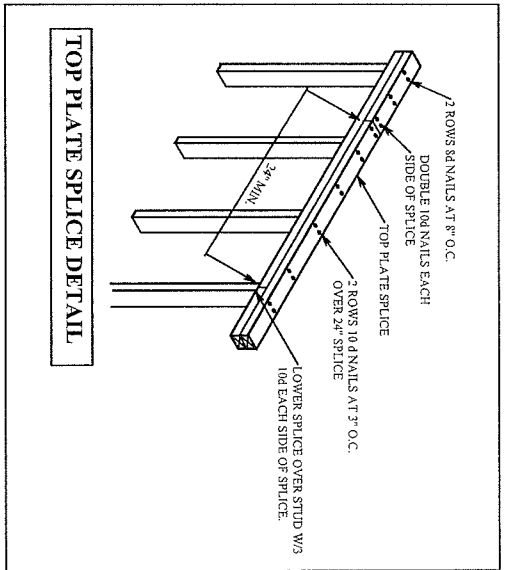


TYPICAL LOAD BEARING HEADER DETAIL

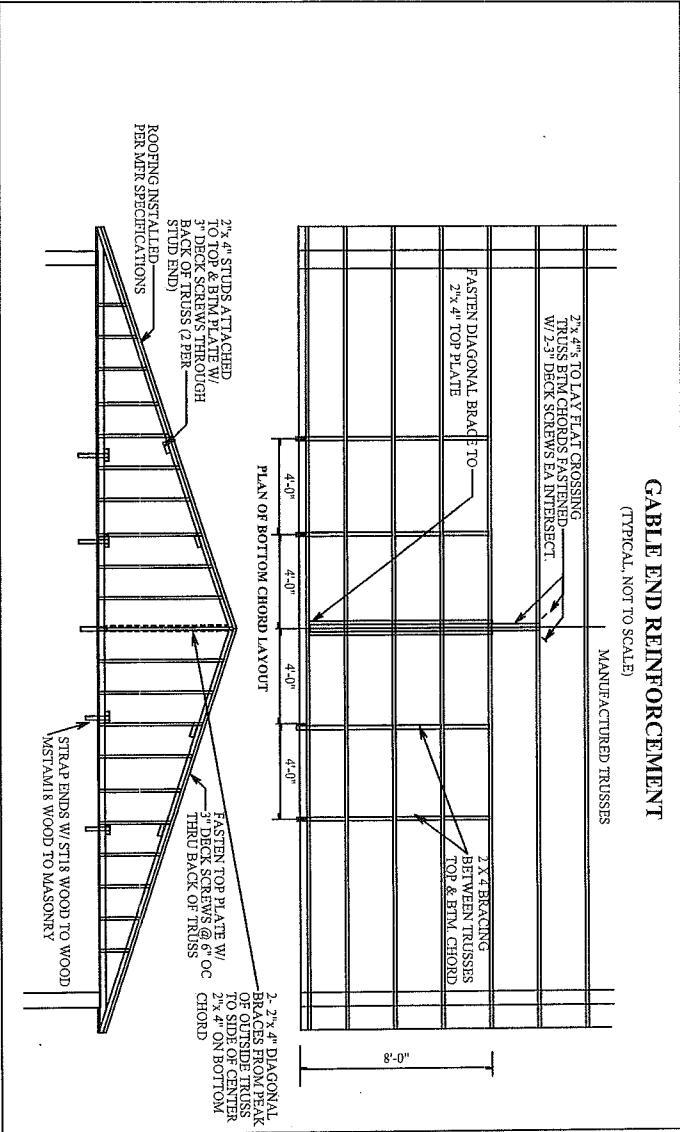


TYPICAL 1 ST. INT. BEARING WALL U.N.O.

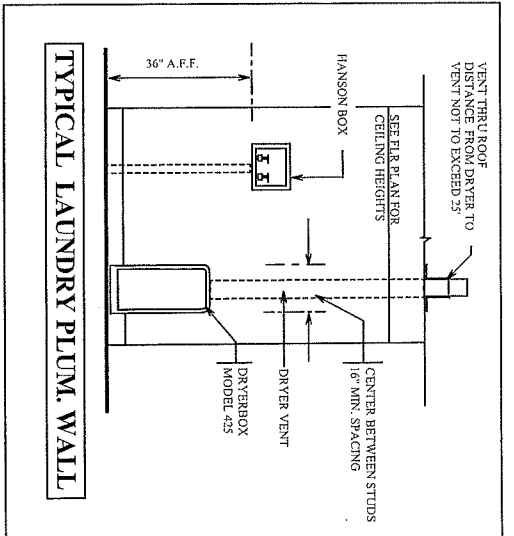
CONNECTOR LEGEND	
A	SIMPSON SP2 W/ 6-10d x 1/2
B	(4) SIMPSON LSTA24 W/ 8-10d
C	H10 FROM TRUSS TO TOP PLATE
D	SIMPSON SPT W/ 6-10d x 1/2
E	5/8\"/>
F	SIMPSON LTTB W/ 10-16d AND 48\"/>



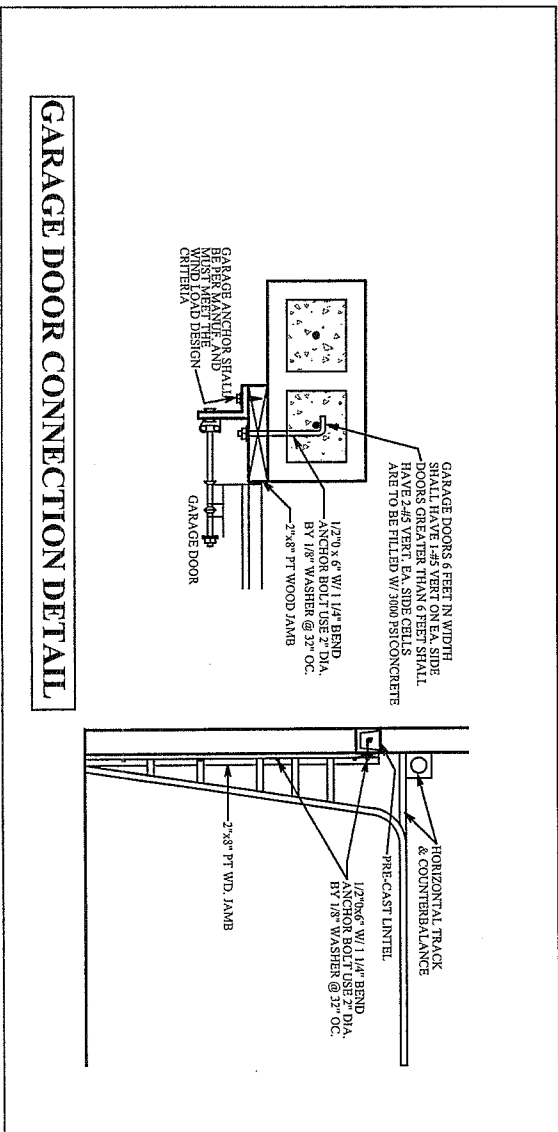
TOP PLATE SPLICE DETAIL



GABLE END REINFORCEMENT (TYPICAL, NOT TO SCALE)



TYPICAL LAUNDRY PLUM. WALL



GARAGE DOOR CONNECTION DETAIL

CONSTRUCTION DETAILS

A.E.C.S. # 12065

ASPEN 3058D

8

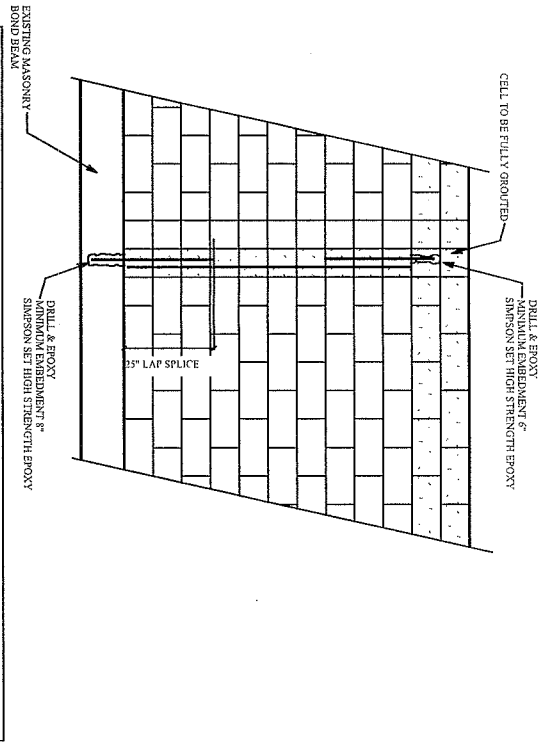
DEEB FAMILY HOMES, LTD.
9400 RIVER CROSSING BLD.
NEW PORT RICHEY, FL. 34655
727-376-6831

PLAN DATE
7-11-12
7-24-12

LOT 10
KEYSTONE SPRINGS
PINELLAS COUNTY, FL.

I HEREBY CERTIFY THAT I HAVE PERFORMED THE ATTACHED DESIGN TO COMPLY WITH 145 MPH ULTIMATE WIND LOADS AND IT IS IN COMPLIANCE WITH SECT. 301 OF THE 2010 FLORIDA RESIDENTIAL BUILDING CODE SEALED FOR STRUCTURE ONLY
SIGNED *[Signature]*
RICHARD E. ALLEN P.E. #56920

ALLEN ENGINEERING & CONSTRUCTION SERVICES
RICH ALLEN PROFESSIONAL ENGINEER
P.E. # 56920 C.A. # 9542
P.O. BOX 351
NEW PORT RICHEY, FL. 34655
727-842-6100
rich@allenengineeringservices.com

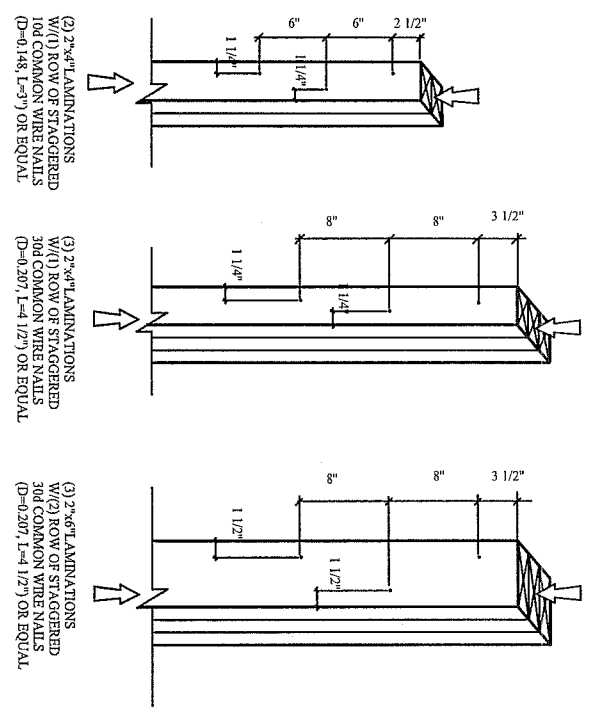


TYP. RETROFIT VERT. DOWEL CONDITION

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.

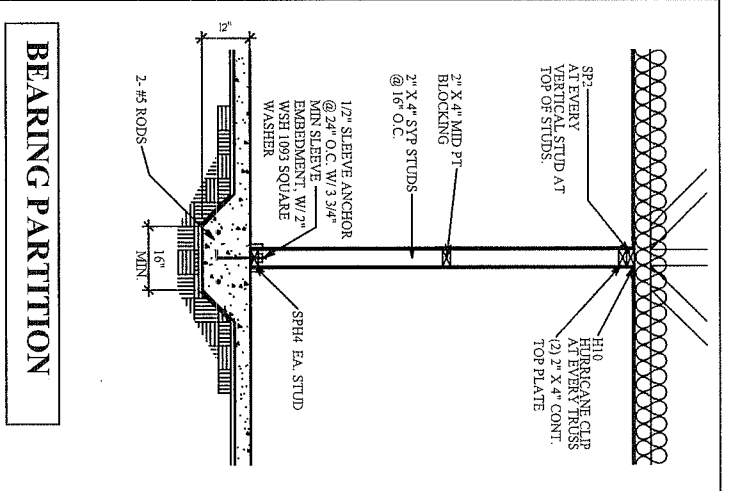
MISSING ANCHOR BOLTS AT BEARING WALL:

- EXTERIOR BEARING WALL:
IN ADDITION TO THE GENERAL PLACEMENT REQUIREMENTS:
- 1) 5/8" DIAMETER, 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

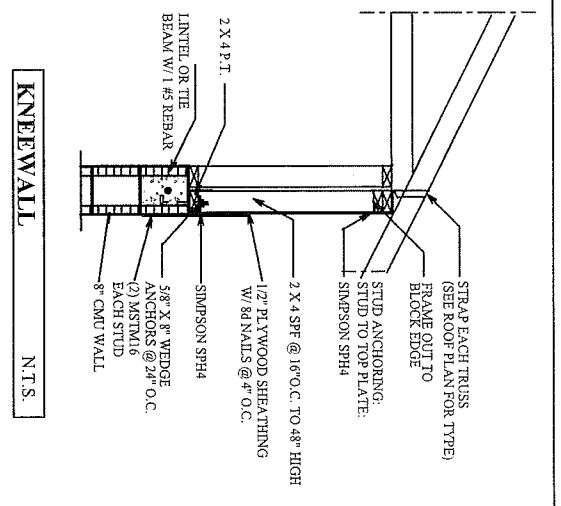


NOTES:
1) ADJACENT NAILS ARE DRIVEN FROM OPPOSITE SIDES OF THE COLUMN AT LEAST 3/4 OF THE THICKNESS OF THE LAST LAMINATION.
2) EACH 3RD COMMON NAIL MAY BE REPLACED W/ 2" OF BUI. C. SAME NUMBER OF ROES, SAME SPACING.
3) FOR 4-PLY, PROVIDE 1 1/4" DIA. X 5 1/2" LAG SCREWS OR EQUAL.
4) FOR 5-PLY, PROVIDE 1 1/4" DIA. X 7" LAG SCREWS OR EQUAL.
5) FOR 6-PLY, PROVIDE 1 1/4" DIA. X 7" LAG SCREWS OR EQUAL.
6) REFER TO NDS SECTION 15.3 FOR ADDITIONAL INFORMATION.

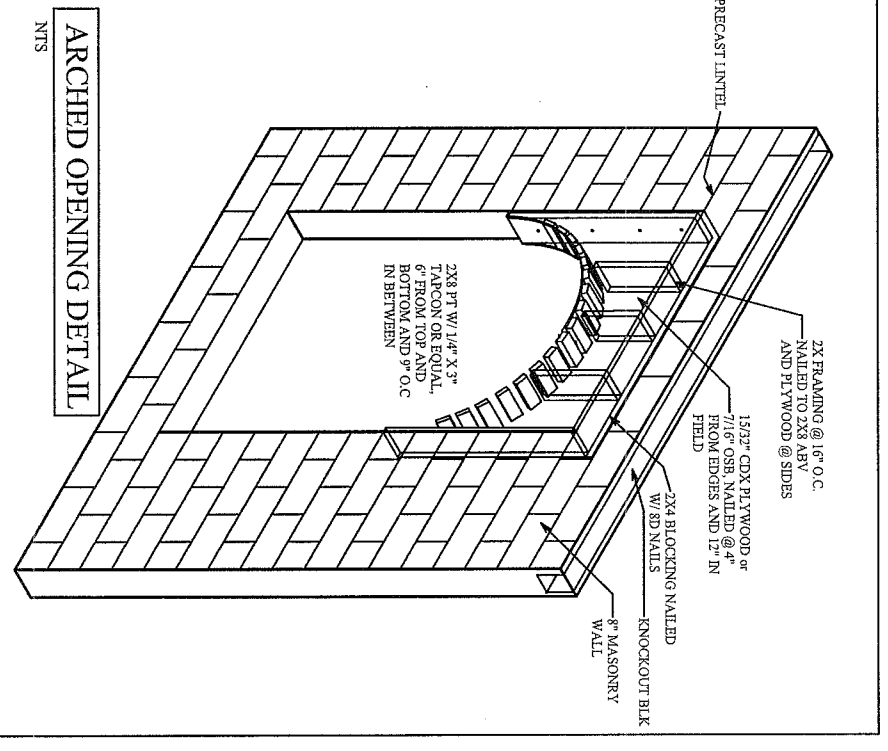
TYP. NAILING SCHEDULE FOR BUILT-UP COLUMNS



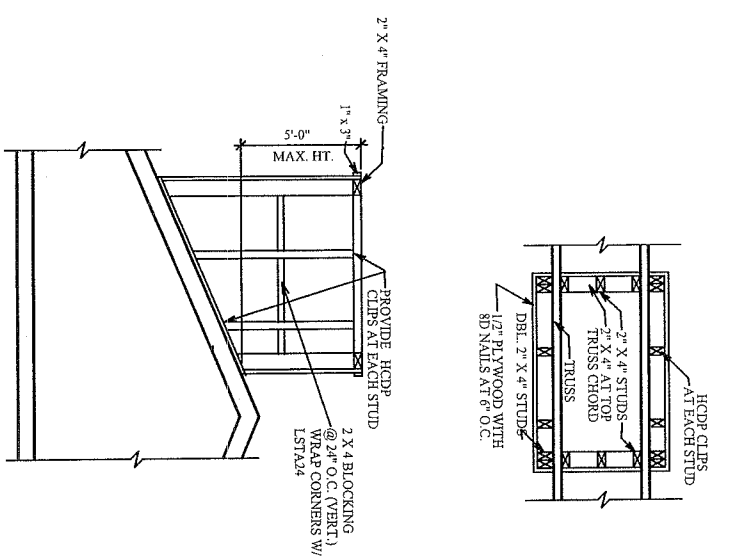
BEARING PARTITION



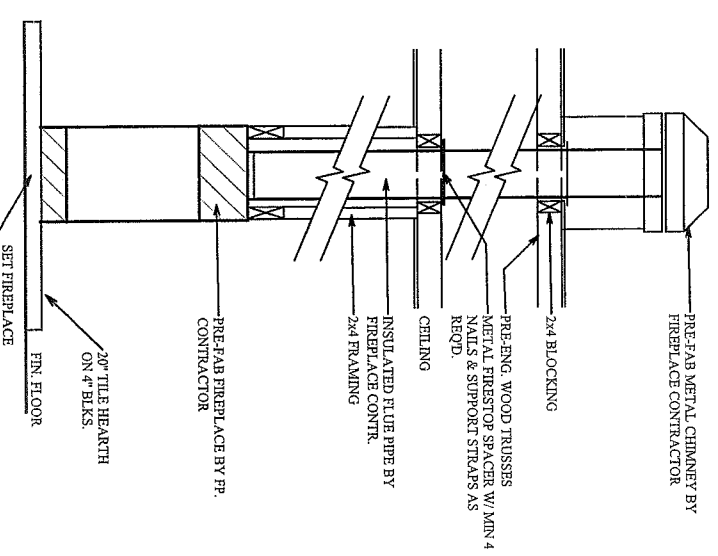
KNEEWALL



ARCHED OPENING DETAIL

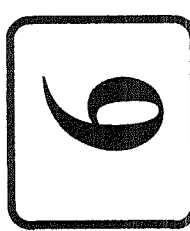


DETAIL-CHIMNEY



SECTION - FIREPLACE

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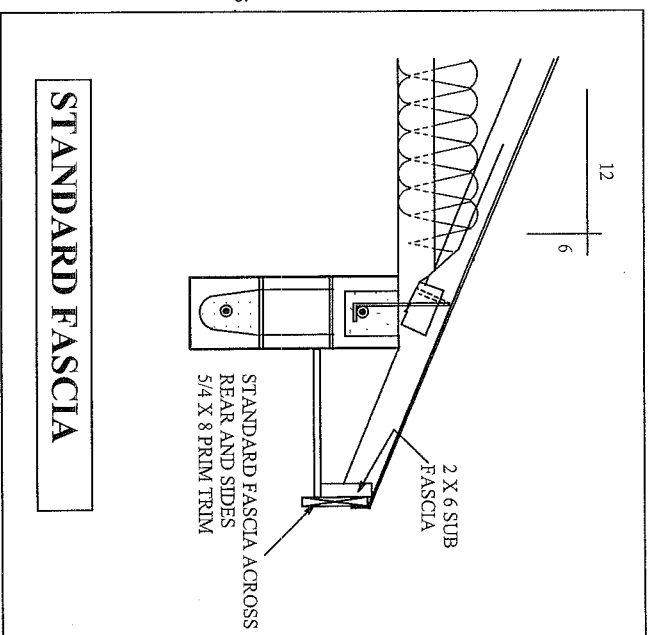
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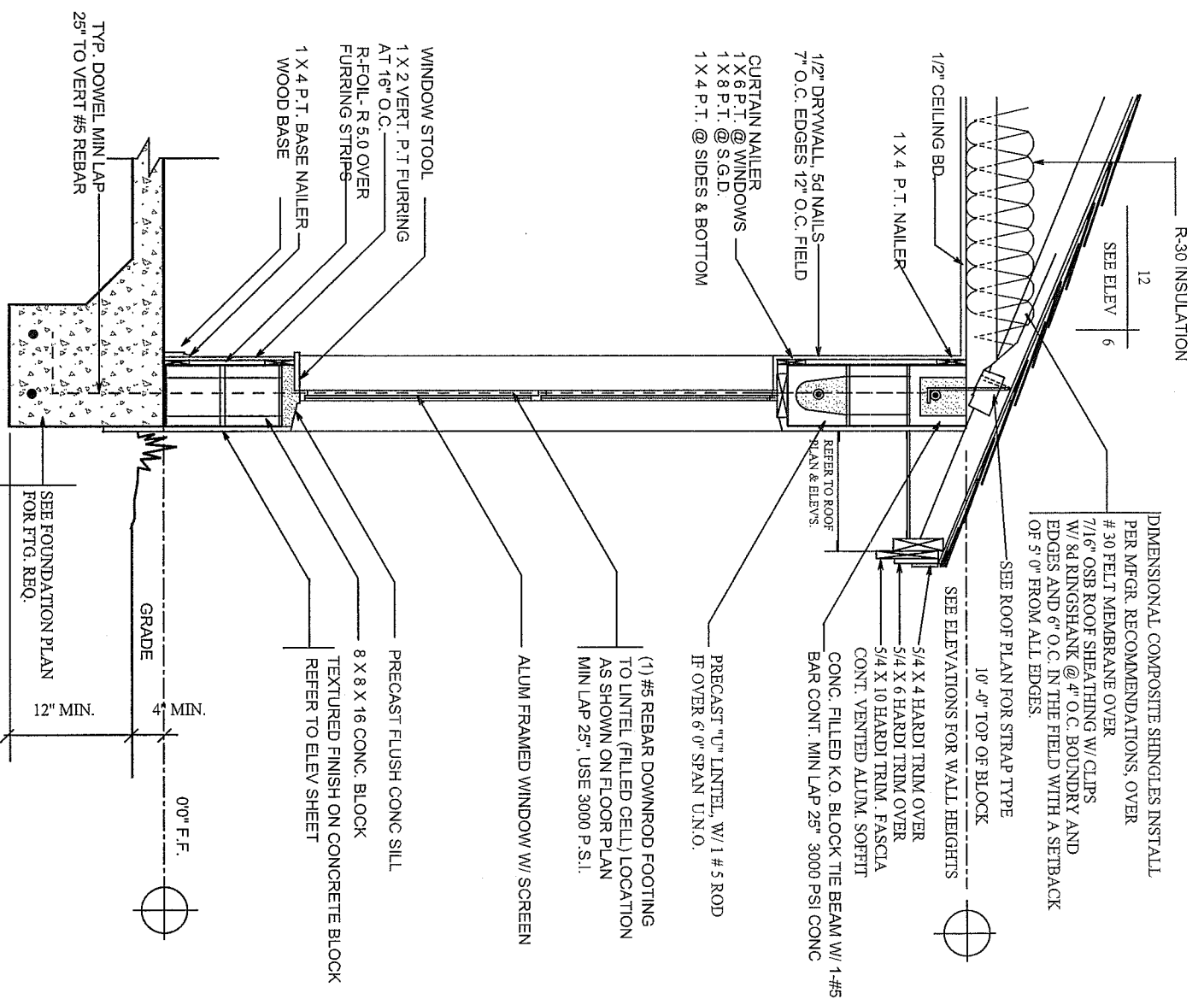
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STANDARD FASCIA



TYPICAL WALL SECTION

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

CONNECTOR TABLE

SIMPSON	FLORIDA PRODUCT NUMBERS PER INDEX 3-27-09
MBH35671188	10886, 12
HZ	10456, 10
H10	10456, 8
LGT2	11470, 6
MGT	11470, 7
LST1A18	10882, 4
LST2A23	10882, 4
SP2	10456, 42
HTS20	10456, 22
HTS18	10456, 22
MET1A16	11473, 17
L30	10446, 11
NSTAN24	11473, 19
NSTAN38	11473, 19
MSTCM60	11473, 19
CS16	10882, 1
SPH4	10456, 46
HTT4	11496, 2
HTT5	11496, 2
ABU66	10848, 6

CONSTRUCTION DETAILS

A.E.C.S. # 12065

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10

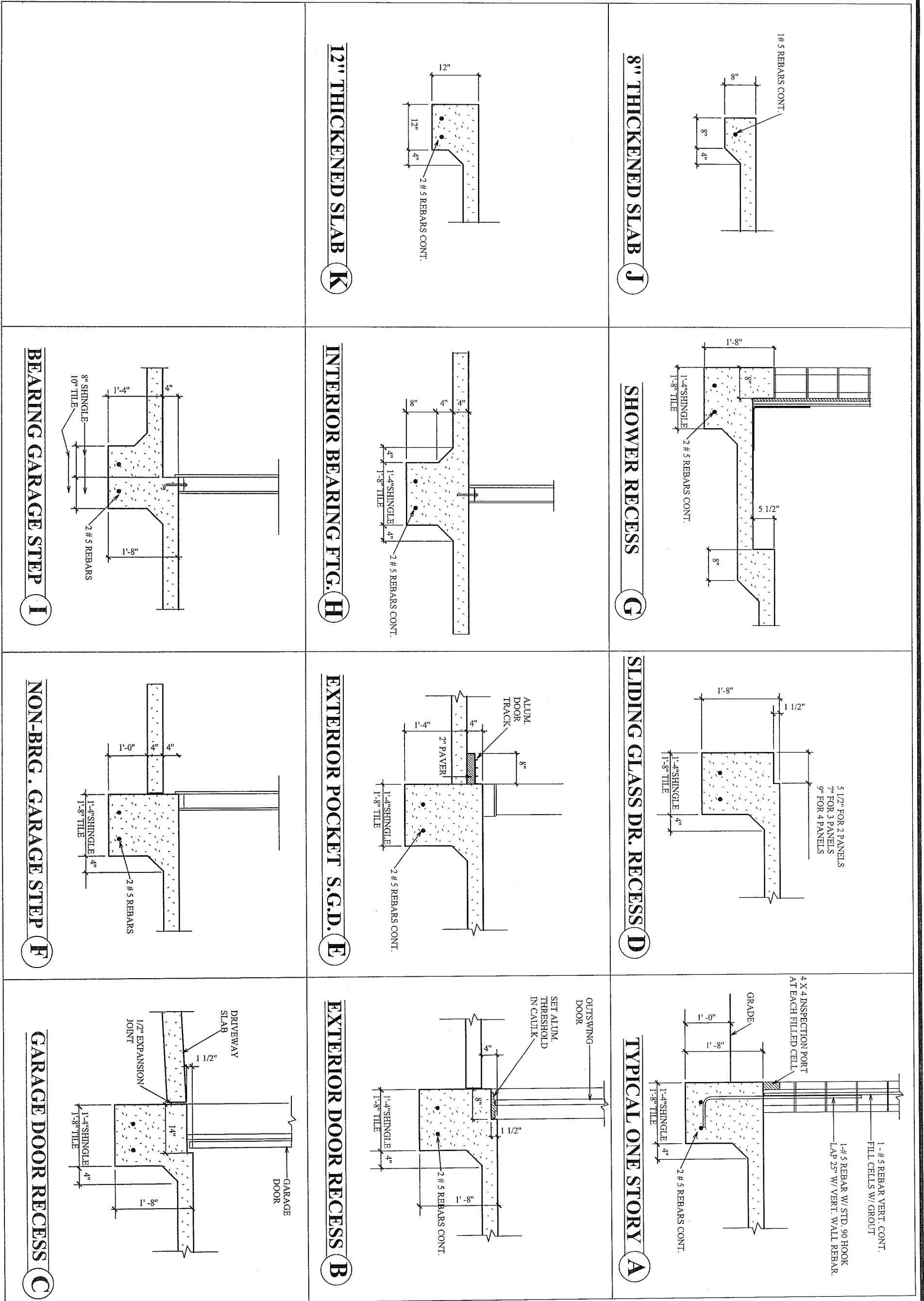
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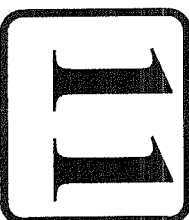
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FOOTING DETAILS

A.E.C.S. # 12065

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SIGNED: *Richard E. Allen* 7/25/12
RICHARD E. ALLEN P.E. #56920

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