

From: The Columbia County Building & Zoning Department Plan Review 135 NE Hernando Av. P.O. Box 1529 Lake City Florida 32056-1529

Reference to a building permit application Number: 0710-01

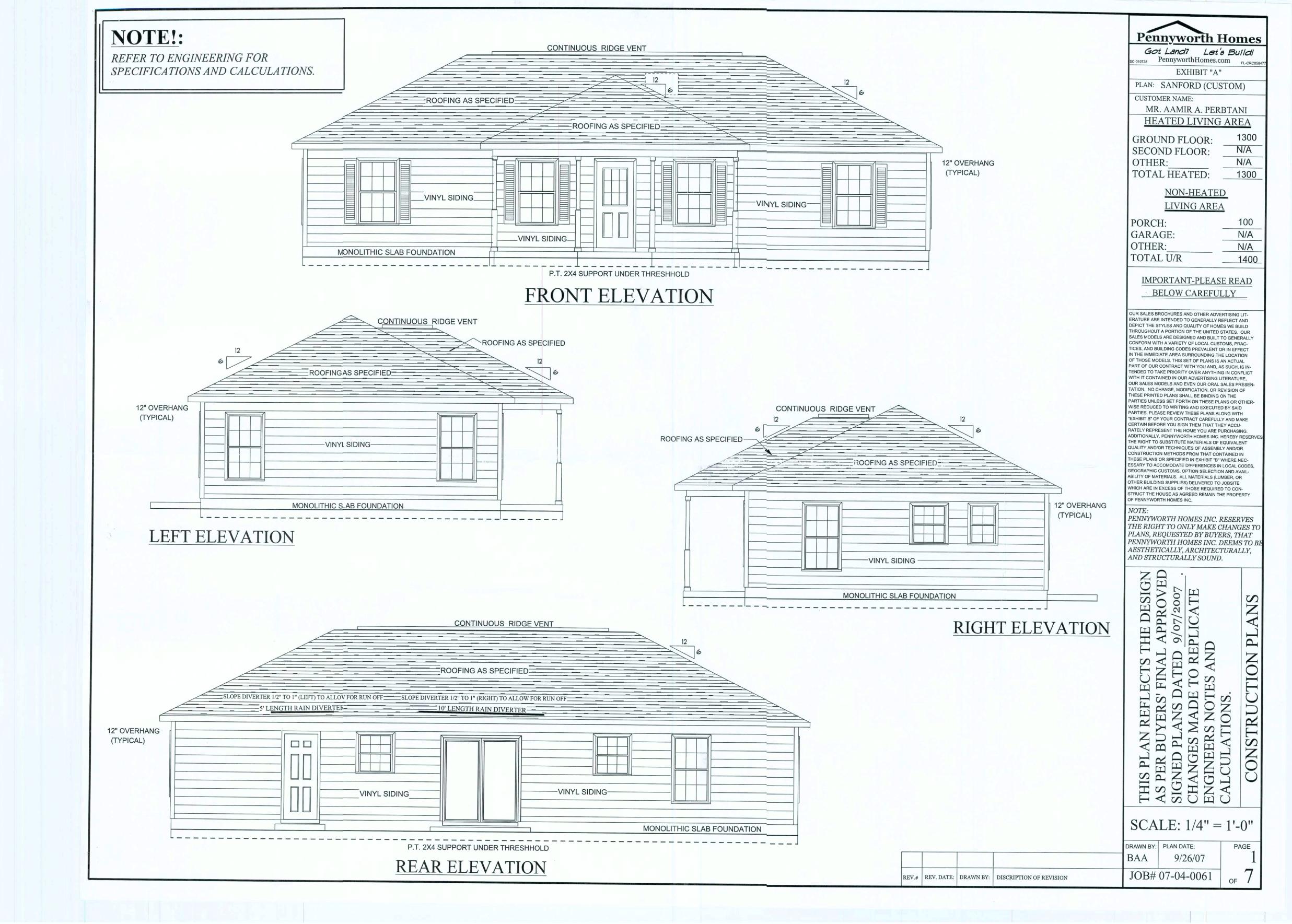
Pennyworth Homes Contractor, Owners: AAmir Perbtair Property ID# 01-5s-16-03401-111

On the date of October 2, 2007 application 0710-01 and plans for construction of a single family dwelling were reviewed. The following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

Please include application number 0710-01 and when making reference to this application.

On the electrical plans identify the electrical service overcurrent protection device for the main electrical service. This device shall be installed on the exterior of structures to serve as a disconnecting means for the utility company electrical service. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground.

Thank You:
Joe Haliwanger
Plan Examiner
Columbia County Building
Department



PRODUCT CODE	R.O. SIZE	COUNT		
	SCHEDULE			
SILVER LINE 2900 SERIES				
2030 OBS COL TEMP	R.O. 24-1/2" X 36-1/2"	1		
2830 COL.	R.O. 32-1/2" X 36-1/2"	1		
2830 OBS COL TEMP	R.O. 32-1/2" X 36-1/2"	2		
3052 COL	R.O. 36-1/2" X 62-1/2"	8		

		4			
	R.O. 24-1/2" X 36-1/2"	1	6ft sliding glass door	R.O. 7/5" X 82-1/2"	
	R.O. 32-1/2" X 36-1/2"	1	RIGHT		
	R.O. 32-1/2" X 36-1/2"	2	L 3-0 9 LITE COL IN SWING	R.O. 38" X 81-1/2"	
	R.O. 36-1/2" X 62-1/2"	8	R 2-8 6PNL COL OUT SWING	R.O. 34" X 81-1/2"	
ΓΕ	BUILDER IS TO CONF	IRM	OUI SWING		

PRODUCT CODE

R.O. SIZE

INFINITY

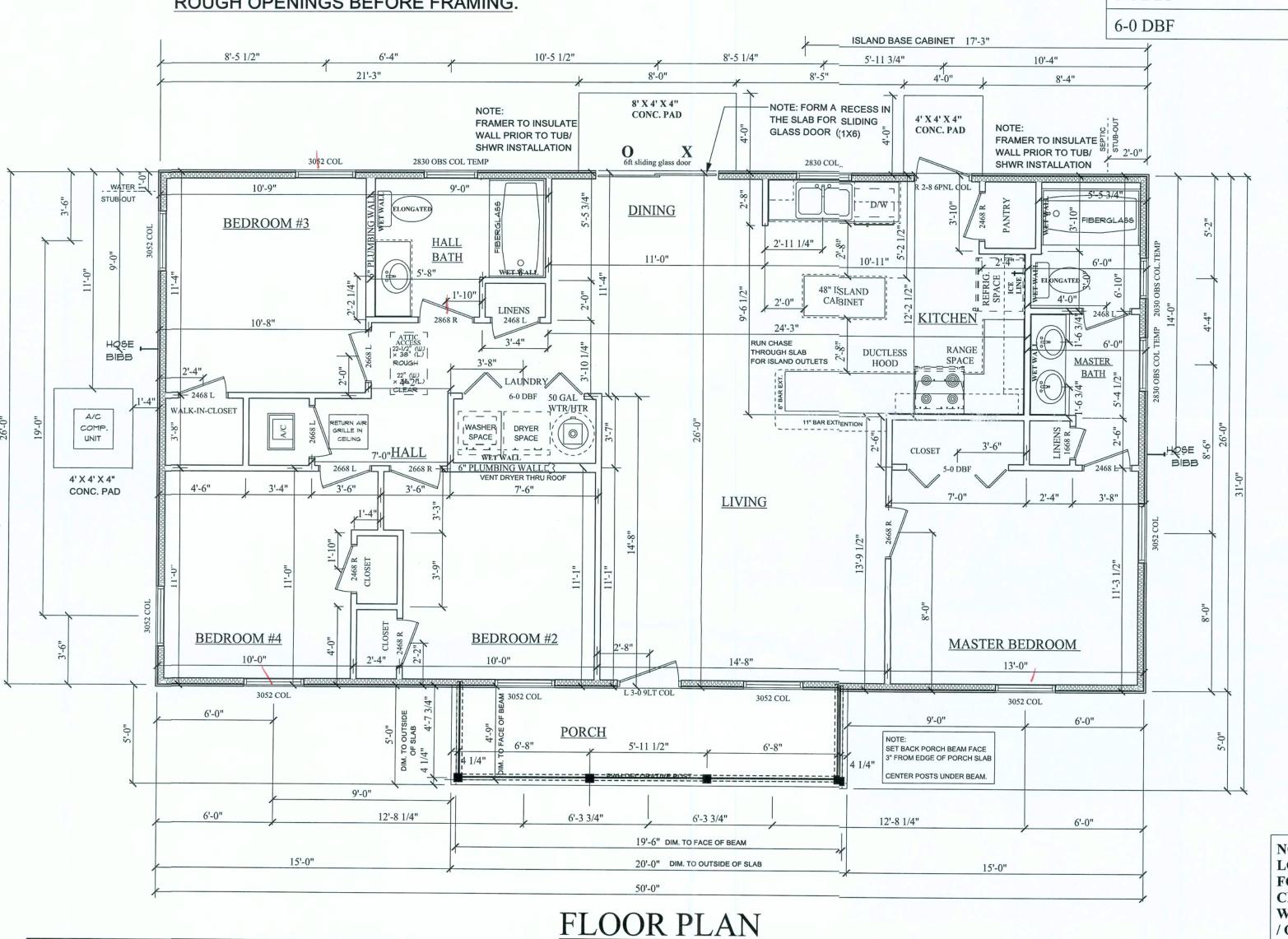
EXT. DOOR SCHEDULE

SMOOTH FIBERGLASS

COUNT

PRODUCT CODE	R.O. SIZE	COUNT
INT. DOC	OR SCHEDULE	
1668 R	R.O. 20" X 82-1/2"	1
2468 L	R.O. 30" X 82-1/2"	4
2468 R	R.O. 30" X 82-1/2"	3
2668 L	R.O. 32" X 82-1/2"	3
2668 R	R.O. 32" X 82-1/2"	2
2868 R	R.O. 34" X 82-1/2"	1
5-0 DBF	R.O. 62" X 82-1/2"	1
6-0 DBF	R.O. 74" X 82-1/2"	1

NOT ROUGH OPENINGS BEFORE FRAMING.



NOTE: **ALL INTERIOR DOORS** TO HAVE 82-1/2" R.O. HEIGHT FROM FINISHED FLOOR.

NOTE: **ALL WINDOWS TO BE VINYL**

> DO NOT LOCATE STUB OUT FOR UTILITIES ON FRONT OF HOUSE

> > TRUSS DESIGNER TO ALLOW FOR HYAC CLOSET SPACE *SEE FLOOR PLAN

NOTE: ELECTRICIAN DETERMINE LOCATION OF CHASE THRU SLAB FOR HVAC CHASE/ AND 110 OUTLET CHASE FOR ISLAND. CONFIRM LOCATION WITH CONSTRUCTION MANAGER AND / OR PLUMBER BEFORE SLAB IS POURED

8' CEILINGS THROUGHOUT HOUSE

SCALE: 1/4'' = 1'-0'

Pennyworth Homes

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EXHIBIT "A"

PLAN: SANFORD (CUSTOM)

MR. AAMIR A. PERBTANI HEATED LIVING AREA

> **NON-HEATED** LIVING AREA

IMPORTANT-PLEASE READ

BELOW CAREFULLY

OUR SALES BROCHURES AND OTHER ADVERTISING LIT-ERATURE ARE INTENDED TO GENERALLY REFLECT AND

DEPICT THE STYLES AND QUALITY OF HOMES WE BUILD THROUGHOUT A PORTION OF THE UNITED STATES. OUR

SALES MODELS ARE DESIGNED AND BUILT TO GENERALLY CONFORM WITH A VARIETY OF LOCAL CUSTOMS, PRAC-

TICES. AND BUILDING CODES PREVALENT OR IN EFFECT

IN THE IMMEDIATE AREA SURROUNDING THE LOCATION

OF THOSE MODELS. THIS SET OF PLANS IS AN ACTUAL PART OF OUR CONTRACT WITH YOU AND, AS SUCH, IS IN-TENDED TO TAKE PRIORITY OVER ANYTHING IN CONFLICT

WITH IT CONTAINED IN OUR ADVERTISING LITERATURE

ATION. NO CHANGE, MODIFICATION, OR REVISION OF HESE PRINTED PLANS SHALL BE BINDING ON THE PARTIES UNLESS SET FORTH ON THESE PLANS OR OTHER WISE REDUCED TO WRITING AND EXECUTED BY SAID

PARTIES. PLEASE REVIEW THESE PLANS ALONG WITH

CERTAIN BEFORE YOU SIGN THEM THAT THEY ACCU-

QUALITY AND/OR TECHNIQUES OF ASSEMBLY AND/OR CONSTRUCTION METHODS FROM THAT CONTAINED IN

RATELY REPRESENT THE HOME YOU ARE PURCHASING DDITIONALLY, PENNYWORTH HOMES INC. HEREBY RESERV

HE RIGHT TO SUBSTITUTE MATERIALS OF EQUIVALENT

HESE PLANS OR SPECIFIED IN EXHIBIT "B" WHERE NEC-

SSARY TO ACCOMODATE DIFFERENCES IN LOCAL CODES,

EOGRAPHIC CUSTOMS, OPTION SELECTION AND AVAIL-ABILITY OF MATERIALS. ALL MATERIALS (LUMBER, OR OTHER BUILDING SUPPLIES) DELIVERED TO JOBSITE

WHICH ARE IN EXCESS OF THOSE REQUIRED TO CONSTRUCT THE HOUSE AS AGREED REMAIN THE PROPERTY

PENNYWORTH HOMES INC. RESERVES THE RIGHT TO ONLY MAKE CHANGES T PLANS, REQUESTED BY BUYERS, THAT PENNYWORTH HOMES INC. DEEMS TO E

AESTHETICALLY, ARCHITECTURALLY,

AND STRUCTURALLY SOUND.

OF PENNYWORTH HOMES INC.

NOTE:

"EXHIBIT B" OF YOUR CONTRACT CAREFULLY AND MAKE

OUR SALES MODELS AND EVEN OUR ORAL SALES PRESEN-

N/A

N/A

1300

100

N/A

N/A

___1400

CUSTOMER NAME:

GROUND FLOOR:

SECOND FLOOR:

TOTAL HEATED:

OTHER:

PORCH:

GARAGE:

TOTAL U/R

OTHER:

REV.# REV. DATE: DRAWN

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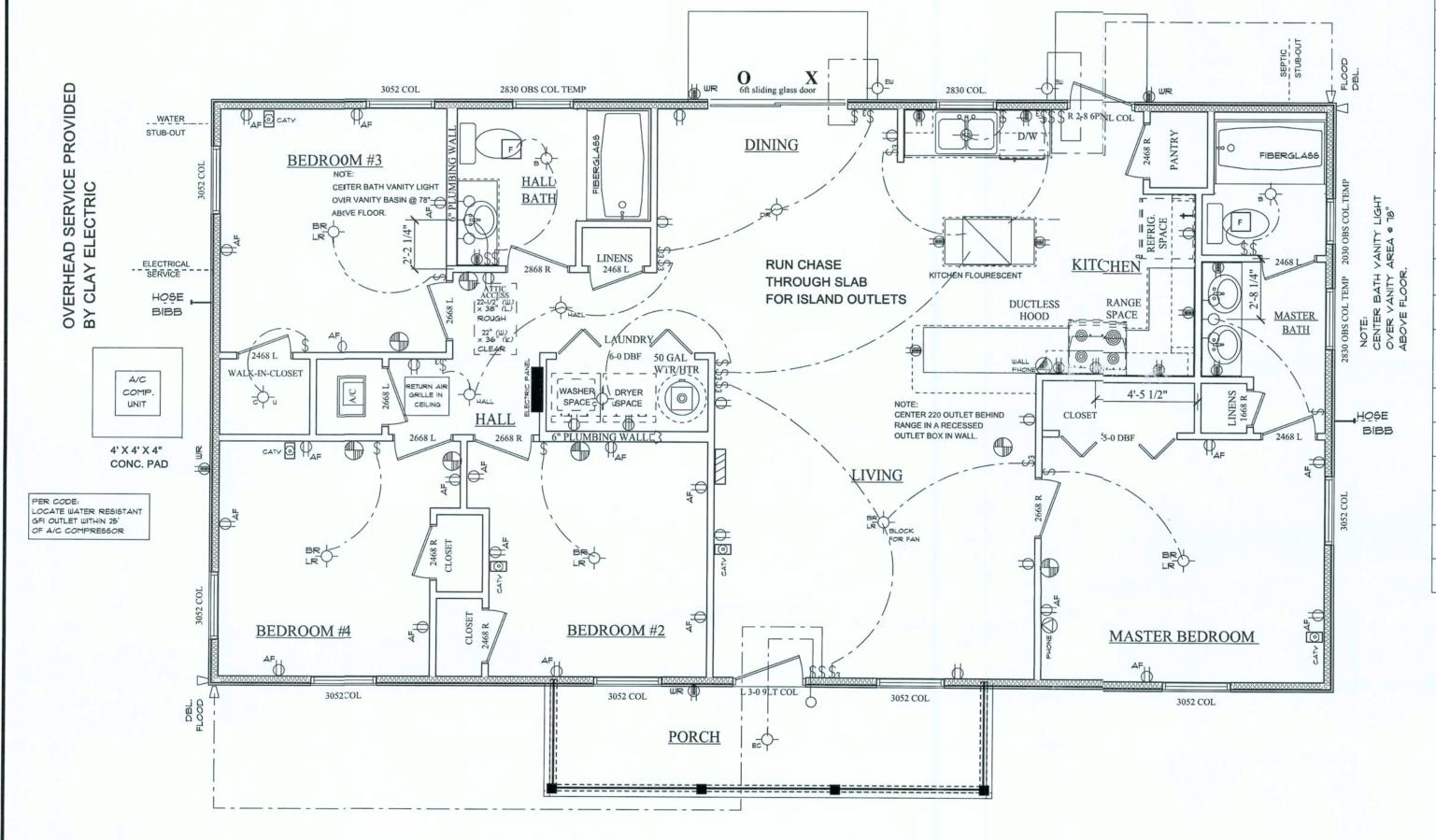
NOTE!:

REFER TO ENGINEERING FOR SPECIFICATIONS AND CALCULATIONS.

ELECTRICAL/HVAC FIXTURES SHOWN ON THIS DRAWING ARE LOCATED IN ACCORDANCE WITH FENNYWORTH HOMES SPECIFICATIONS. DO NOT RELCCATE ANY FIXTURE WITHOUT PRIOR APPROVAL FROM THE CONSTRUCTION SUPERVISOR.

PENNYWORTH HOMES RESERVES THE FIGHT TO MAKE CHANGES TO THE ELECTRICAL LAYOUT TO MEET NECESSARY ELECTRICAL OR BUILDING CODES. CHANGES MAY ALSO BE MADE AT THE DISCRETION OF THE BUILDER OR ELECTRICIAN DUE TO HOUSE FRAMING OR ELECTRICAL INSTALLATION TECHNIQUES.

NOTE: ELECTRICIAN DETERMINE LOCATION OF CHASE THRU SLAB FOR HVAC CHASE/ AND 110 OUTLIET CHASE FOR ISLAND. CONFIRM LOCATION WITH CONSTRUCTION MANAGER AND / OR PLUMBER BEFORE SLAB IS POURED



ELECTRICAL	COUNT	SYMBOL
110	12	Ф
220	2	Ф
AF OUTLET	21	AF (b)
BATH CEILING LIGHT	2	ē\$-
BATH FAN	2	F
BATH OVER MIRROR	2	999
BED LIV FAN NO BLOCK	4	BR LR
BR_LR BLOCK FOR FAN	1	BR
CABLE TV OUTLET	5	CATV
CHIMES	1	1777.7
CLOSET_UTILITY	2	z\$-,
DBL FLOOD	2	FLOOD O
DINING ROOM	1	- -
DOOR BELL	1	_0
ELECTRIC PANEL	1	ELECTRIC PANEL
EXT CEILING	1	ec 👇
EXT WALL	2	EW -
GFI OUTLET	11	₩
GFI WR	4	¥ 1⊕
HALL	2	
KITCH FLOURESCENT	1	KITCHEN FLOURESCENT
KITCHEN SINK CEILING LIT	1	
PHONE JACK	1	PHONE
SMOKE DETECTOR1	7	•
WALL PHONE	1	E/ALL PHONE
switch	16	\$
switch 3 way	10	\$3

ELECTRICAL	COUNT	SYMBOL
110	12	Ф
220	2	Ф
AF OUTLET	21	^{AF}
BATH CEILING LIGHT	2	ĕ Ģ -
BATH FAN	2	F
BATH OVER MIRROR	2	999
BED LIV FAN NO BLOCK	4	BR-
BR_LR BLOCK FOR FAN	1	BR DLOCK FOR FAN
CABLE TV OUTLET	5	CATV O
CHIMES	1	[2772]
CLOSET_UTILITY	2	ε φ -ι
DBL FLOOD	2	FLOOD O
DINING ROOM	1	DR-
DOOR BELL	1	—0
ELECTRIC PANEL	1	ELECTRIC PANEL
EXT CEILING	1	ez\$-
EXT WALL	2	\
GFI OUTLET	11	₩
GFI WR	4	¥ ₩
HALL	2	
KITCH FLOURESCENT	1	KITCHEN FLOURESCENT
KITCHEN SINK CEILING LIT	1	-
PHONE JACK	1	PHONE
SMOKE DETECTOR1	7	•
WALL PHONE	1	E/ALL PHONE
switch	16	\$

PARTIES. PLEASE REVIEW THESE PLANS ALONG WITH "EXHIBIT B" OF YOUR CONTRACT CAREFULLY AND MAKE CERTAIN BEFORE YOU SIGN THEM THAT THEY ACCU-RATELY REPRESENT THE HOME YOU ARE PURCHASING. THE RIGHT TO SUBSTITUTE MATERIALS OF EQUIVALENT QUALITY AND/OR TECHNIQUES OF ASSEMBLY AND/OR CONSTRUCTION METHODS FROM THAT CONTAINED IN THESE PLANS OR SPECIFIED IN EXHIBIT "B" WHERE NEC-ESSARY TO ACCOMODATE DIFFERENCES IN LOCAL CODES SEOGRAPHIC CUSTOMS, OPTION SELECTION AND AVAIL-ABILITY OF MATERIALS. ALL MATERIALS (LUMBER, OR OTHER BUILDING SUPPLIES) DELIVERED TO JOBSITE WHICH ARE IN EXCESS OF THOSE REQUIRED TO CON-STRUCT THE HOUSE AS AGREED REMAIN THE PROPERTY OF PENNYWORTH HOMES INC. PENNYWORTH HOMES INC. RESERVES THE RIGHT TO ONLY MAKE CHANGES T PLANS. REQUESTED BY BUYERS, THAT PENNYWORTH HOMES INC. DEEMS TO B AESTHETICALLY, ARCHITECTURALLY, AND STRUCTURALLY SOUND.

Pennyworth Homes Got Land? Let's Build! PennyworthHomes.com FL-CRC05

EXHIBIT "A"

PLAN: SANFORD (CUSTOM)

MR. AAMIR A. PERBTANI **HEATED LIVING AREA**

NON-HEATED

LIVING AREA

IMPORTANT-PLEASE READ BELOW CAREFULLY

OUR SALES BROCHURES AND OTHER ADVERTISING LIT-RATURE ARE INTENDED TO GENERALLY REFLECT AND

DEPICT THE STYLES AND QUALITY OF HOMES WE BUILD HROUGHOUT A PORTION OF THE UNITED STATES. OUR

SALES MODELS ARE DESIGNED AND BUILT TO GENERALLY

CONFORM WITH A VARIETY OF LOCAL CUSTOMS PRAC-ICES, AND BUILDING CODES PREVALENT OR IN EFFECT

IN THE IMMEDIATE AREA SURROUNDING THE LOCATION OF THOSE MODELS. THIS SET OF PLANS IS AN ACTUAL PART OF OUR CONTRACT WITH YOU AND, AS SUCH, IS IN-ENDED TO TAKE PRIORITY OVER ANYTHING IN CONFLICT WITH IT CONTAINED IN OUR ADVERTISING LITERATURE, OUR SALES MODELS AND EVEN OUR ORAL SALES PRESEN

TATION. NO CHANGE, MODIFICATION, OR REVISION OF

WISE REDUCED TO WRITING AND EXECUTED BY SAID

PARTIES UNLESS SET FORTH ON THESE PLANS OR OTHER-

THESE PRINTED PLANS SHALL BE BINDING ON THE

N/A

N/A

1300

100 N/A

N/A

___1400

CUSTOMER NAME:

GROUND FLOOR:

SECOND FLOOR:

TOTAL HEATED:

OTHER:

PORCH:

GARAGE: OTHER:

TOTAL U/R

AS PER BUYERS' FINAL APPROVED SIGNED PLANS DATED 9/07/2007. CHANGES MADE TO REPLICATE ENGINEERS NOTES AND PI ALCULATIONS.

SCALE: 1/4'' = 1'-0''

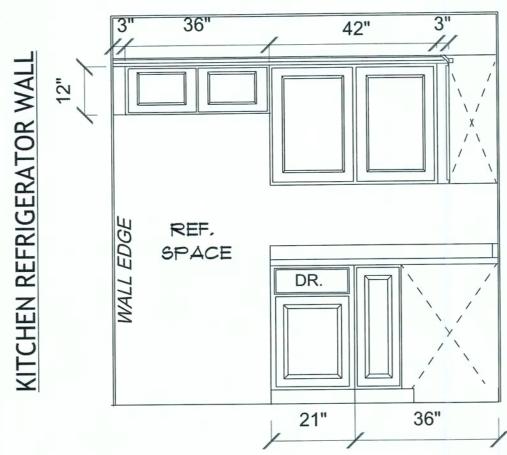
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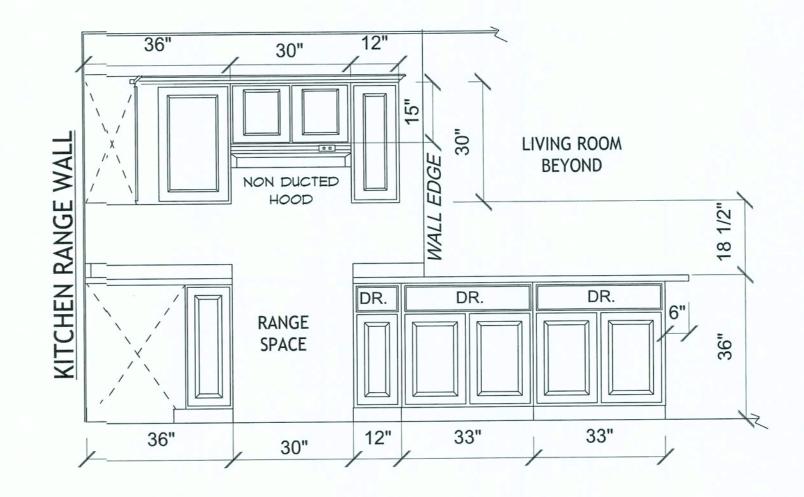
FI	$\mathbf{F}C$	$\Gamma R I$	CA	I DI	AN

CABINETS AND APPLIANCES SHOWN ARE SYMBOLIC. ACTUAL UNITS MAY VARY IN STYLE ACCORDING TO OWNER SELECTION.

INSTALL CROWN MOLDING AROUND TOP OF KITCHEN WALL CABINETS.

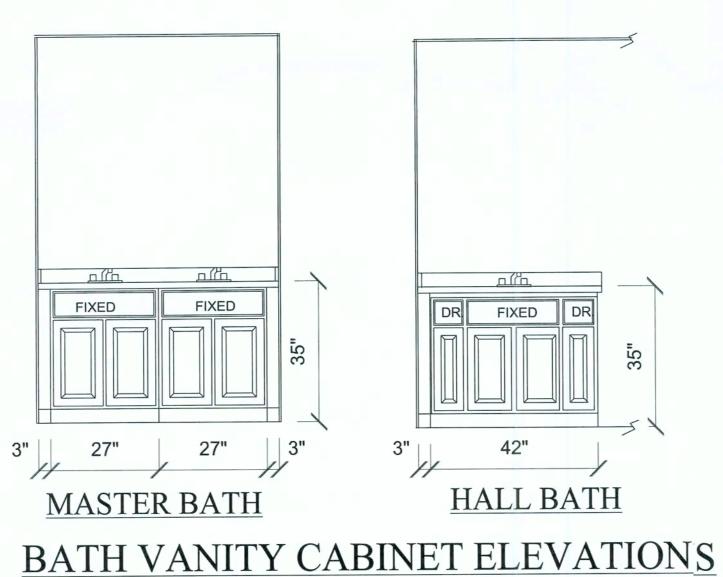


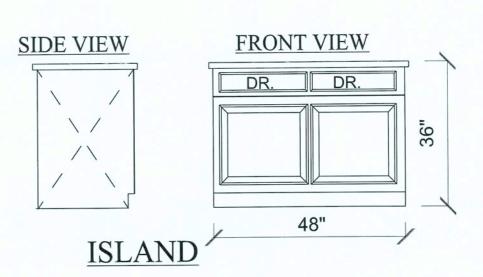




KITCHEN CABINET ELEVATIONS

INSTALL QUARTER ROUND MOLDING AROUND BOTTOM OF ALL BASE CABINETS & VANITIES.





Pennyworth Homes

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EXHIBIT "A"

PLAN: SANFORD (CUSTOM)

CUSTOMER NAME:

MR. AAMIR A. PERBTANI HEATED LIVING AREA

GROUND FLOOR:

SECOND FLOOR: OTHER:

TOTAL HEATED:

NON-HEATED LIVING AREA

N/A

N/A

1300

100

PORCH:

GARAGE:

N/A N/A OTHER: TOTAL U/R ___1400

IMPORTANT-PLEASE READ BELOW CAREFULLY

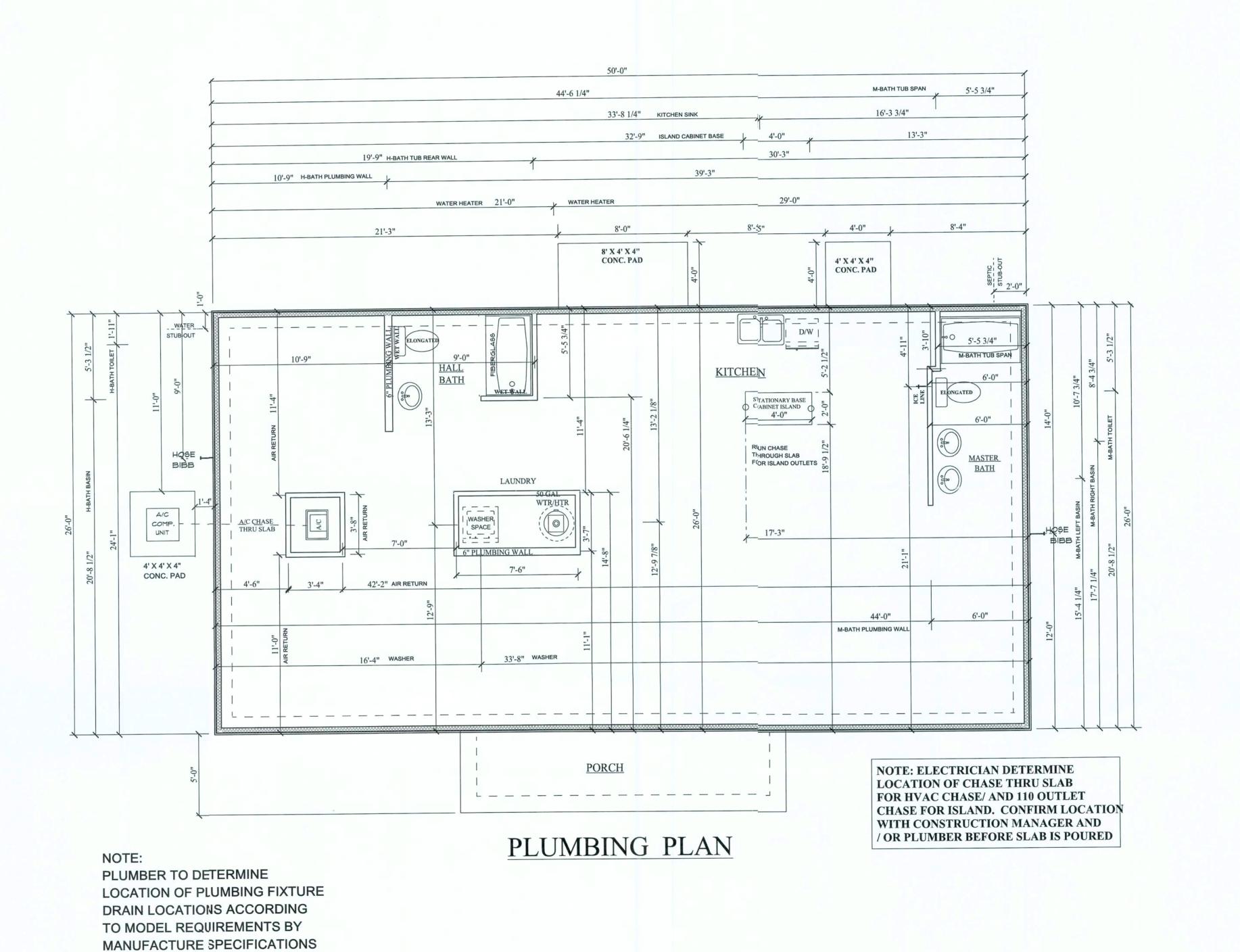
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N REFLECTS THE DESIGN UYERS' FINAL APPROVED LANS DATED 9/07/2007 S MADE TO REPLICATE CHANGES MADE TO ENGINEERS NOTES A CALCULATIONS.

SCALE: 1/2'' = 1'-0'

JOB# 07-04-0061



Pennyworth Homes Got Land? Let's Build!

PennyworthHomes.com FL-CRC0584 EXHIBIT "A"

PLAN: SANFORD (CUSTOM)

CUSTOMER NAME: MR. AAMIR A. PERBTANI

HEATED LIVING AREA

GROUND FLOOR: SECOND FLOOR:

TOTAL HEATED:

NON-HEATED LIVING AREA

N/A

N/A 1300

100

PORCH:

GARAGE:

N/A N/A TOTAL U/R 1400

IMPORTANT-PLEASE READ BELOW CAREFULLY

OUR SALES BROCHURES AND OTHER ADVERTISING LIT-

ERATURE ARE INTENDED TO GENERALLY REFLECT AND DEPICT THE STYLES AND QUALITY OF HOMES WE BUILD THROUGHOUT A PORTION OF THE UNITED STATES. OUR SALES MODELS ARE DESIGNED AND BUILT TO GENERALLY CONFORM WITH A VARIETY OF LOCAL CUSTOMS, PRAC-TICES, AND BUILDING CODES PREVALENT OR IN EFFECT IN THE IMMEDIATE AREA SURROUNDING THE LOCATION OF THOSE MODELS. THIS SET OF PLANS IS AN ACTUAL PART OF OUR CONTRACT WITH YOU AND, AS SUCH, IS IN-TENDED TO TAKE PRIORITY OVER ANYTHING IN CONFLICT WITH IT CONTAINED IN OUR ADVERTISING LITERATURE. OUR SALES MODELS AND EVEN OUR ORAL SALES PRESEN-TATION. NO CHANGE, MODIFICATION, OR REVISION OF THESE PRINTED PLANS SHALL BE BINDING ON THE PARTIES UNLESS SET FORTH ON THESE PLANS OR OTHER-WISE REDUCED TO WRITING AND EXECUTED BY SAID PARTIES. PLEASE REVIEW THESE PLANS ALONG WITH "EXHIBIT B" OF YOUR CONTRACT CAREFULLY AND MAKE CERTAIN BEFORE YOU SIGN THEM THAT THEY ACCU-RATELY REPRESENT THE HOME YOU ARE PURCHASING. ADDITIONALLY, PENNYWORTH HOMES INC. HEREBY RESERVE THE RIGHT TO SUBSTITUTE MATERIALS OF EQUIVALENT QUALITY AND/OR TECHNIQUES OF ASSEMBLY AND/OR CONSTRUCTION METHODS FROM THAT CONTAINED IN THESE PLANS OR SPECIFIED IN EXHIBIT "B" WHERE NEC-ESSARY TO ACCOMODATE DIFFERENCES IN LOCAL CODES, GEOGRAPHIC CUSTOMS, OPTION SELECTION AND AVAIL-ABILITY OF MATERIALS. ALL MATERIALS (LUMBER, OR OTHER BUILDING SUPPLIES) DELIVERED TO JOBSITE WHICH ARE IN EXCESS OF THOSE REQUIRED TO CON-STRUCT THE HOUSE AS AGREED REMAIN THE PROPERTY OF PENNYWORTH HOMES INC.

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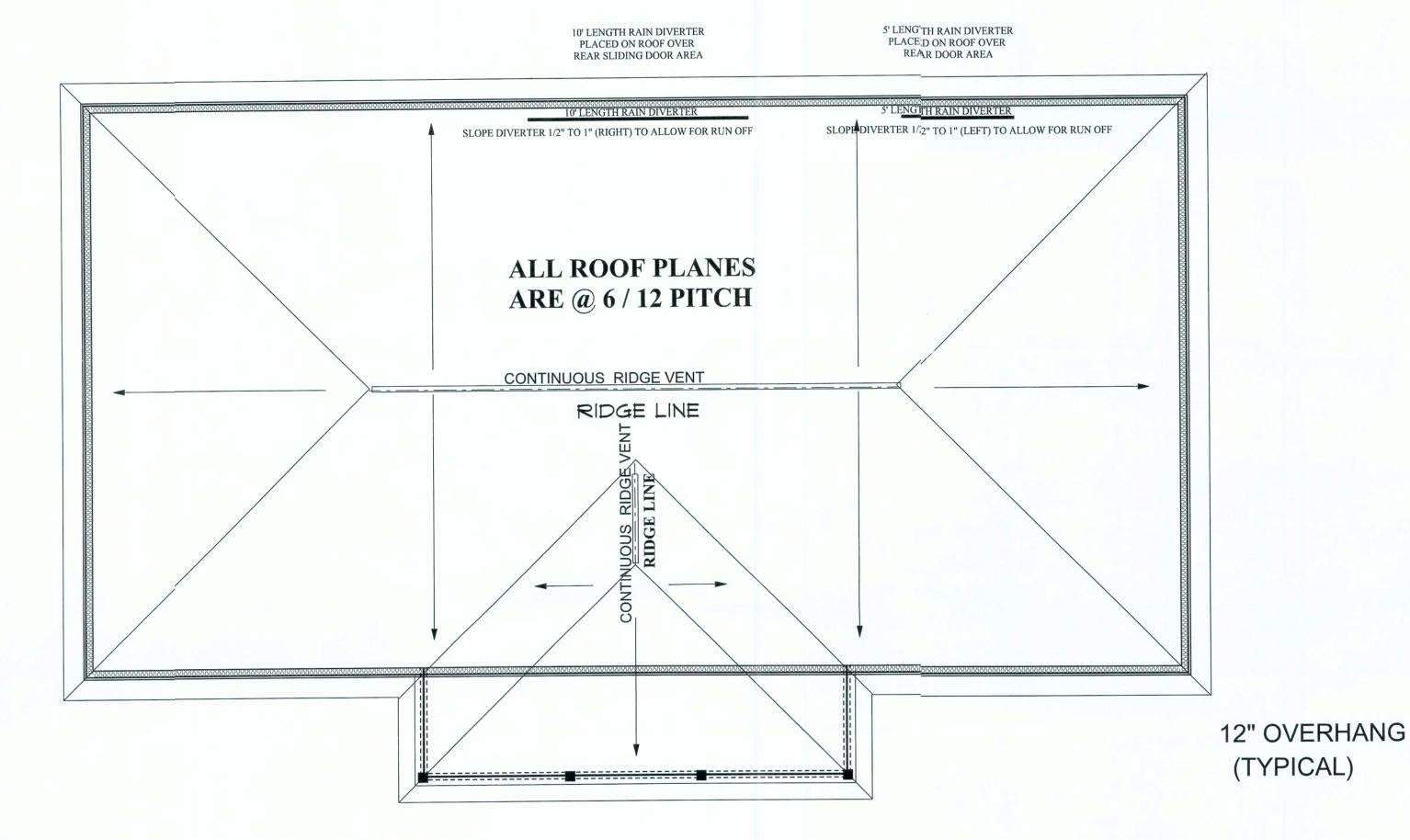
SCALE: 1/4'' = 1'-0''

9/26/07 JOB# 07-04-0061

NOTE!:

REFER TO ENGINEERING FOR SPECIFICATIONS AND CALCULATIONS.

> ROOF PITCHES ABOVE 4/12 ARE REQUIRED TO HAVE A MIN. OF (1) LAYER OF FELT PAPER PER FLORIDA BUILDING CODE SECTION 1507.3.8.2



ROOF LAYOUT PLAN

Pennyworth Homes

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EXHIBIT "A"

PLAN: SANFORD (CUSTOM)

CUSTOMER NAME:

MR. AAMIR A. PERBTANI HEATED LIVING AREA

GROUND FLOOR: SECOND FLOOR:

OTHER:

N/A 1300 TOTAL HEATED:

> NON-HEATED LIVING AREA

N/A

100

N/A

N/A

___1400

PORCH: GARAGE: OTHER:

TOTAL U/R

IMPORTANT-PLEASE READ BELOW CAREFULLY

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ANS CONSTRUCTION PI

SCALE: 1/4'' = 1'-0''

9/26/07 JOB# 07-04-0061

OF .

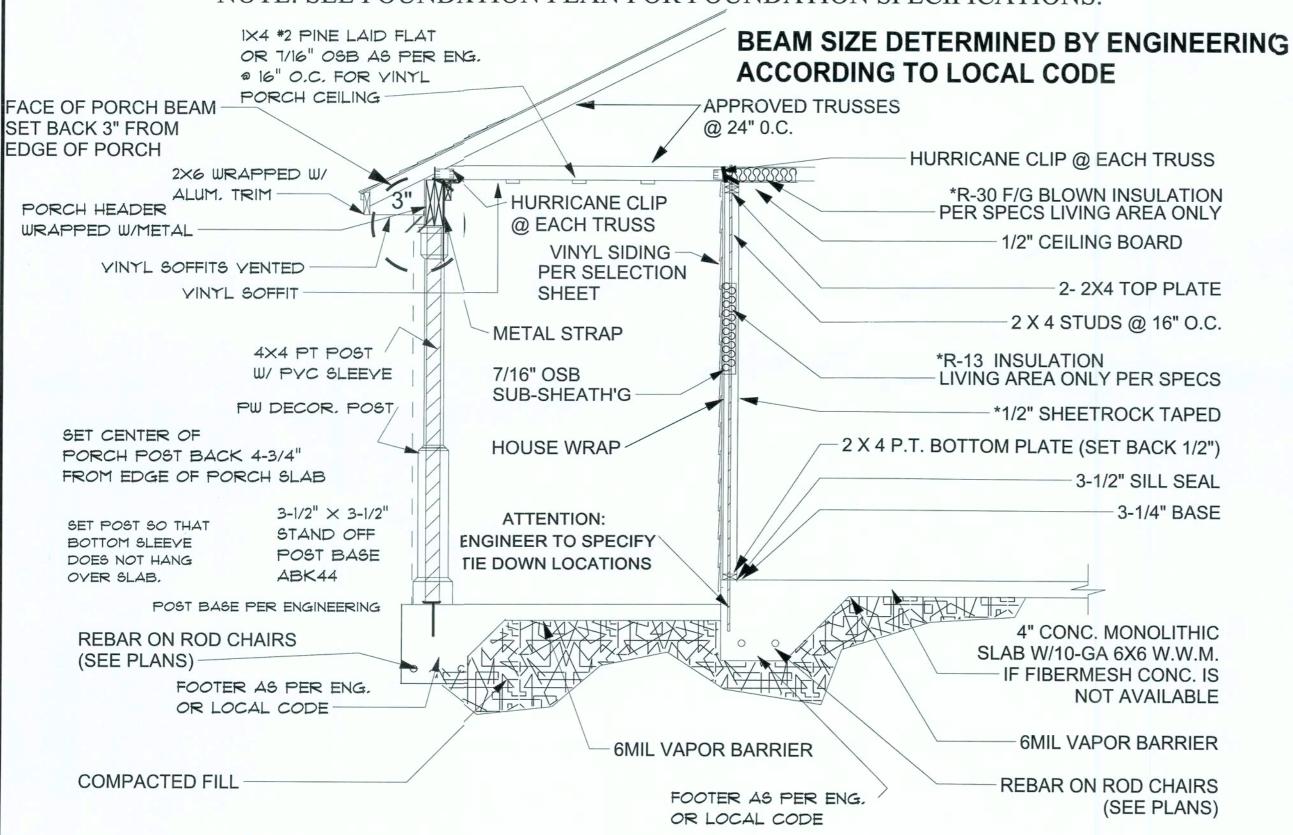
NOTE!:

REFER TO ENGINEERING FOR SPECIFICATIONS AND CALCULATIONS.

> NOTE: ALL METAL PRODUCTS USED ON PRESSURE TREATED LUMBER MUST BE HOT DIPPED GALVANIZED TO PREVENT DETERIORATION.

PENNYWORTH HOMES TYPICAL WALL SECTION FOR MONOLITHIC SLAB

NOTE: SEE FOUNDATION PLAN FOR FOUNDATION SPECIFICATIONS.



SET BEAM BACK 2 1/2" FROM EDGE OF PORCH PORCH BEAM AS NOTED ON PLANS WHITE "J" CHANNEL 2X4 (2) 1X4 #2 PINE WHITE "J" CHANNEL TRPL-4" VENTED VINYL SOFFIT ON LEVEL OVERHANG INTERIOR SIDE OF BEAM 1/2" OSB BETWEEN (2) 2X10 WHITE TRIM COIL WHITE TRIM COIL 1/2" OSB ON **BOTH SIDES** WHITE "J" CHANNEL 1/2" OSB BETWEEN (2)2X102X4 **PORCH BEAM DETAIL**

> BEAM SUBJECT TO CHANGE ACCORDING TO REQUIRED ENGINEERING SPECIFICATIONS

Pennyworth Homes

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EXHIBIT "A"

PLAN: SANFORD (CUSTOM)

CUSTOMER NAME: MR. AAMIR A. PERBTANI

HEATED LIVING AREA

1300 GROUND FLOOR:

SECOND FLOOR: OTHER:

N/A N/A TOTAL HEATED: 1300

> **NON-HEATED** LIVING AREA

PORCH: **GARAGE:**

100 N/A OTHER: N/A TOTAL U/R 1400

IMPORTANT-PLEASE READ BELOW CAREFULLY

RATURE ARE INTENDED TO GENERALLY REFLECT AND SALES MODELS ARE DESIGNED AND BUILT TO GENERALL CONFORM WITH A VARIETY OF LOCAL CUSTOMS, PRAC-ERTAIN BEFORE YOU SIGN THEM THAT THEY ACCU-CONSTRUCTION METHODS FROM THAT CONTAINED IN HESE PLANS OR SPECIFIED IN EXHIBIT "B" WHERE NEC ABILITY OF MATERIALS. ALL MATERIALS (LUMBER, OR THER BUILDING SUPPLIES) DELIVERED TO JOBSITE WHICH ARE IN EXCESS OF THOSE REQUIRED TO CON-

PENNYWORTH HOMES INC. DEEMS TO I AESTHETICALLY, ARCHITECTURALLY, AND STRUCTURALLY SOUND.

DESIGN PROVED 7/2007

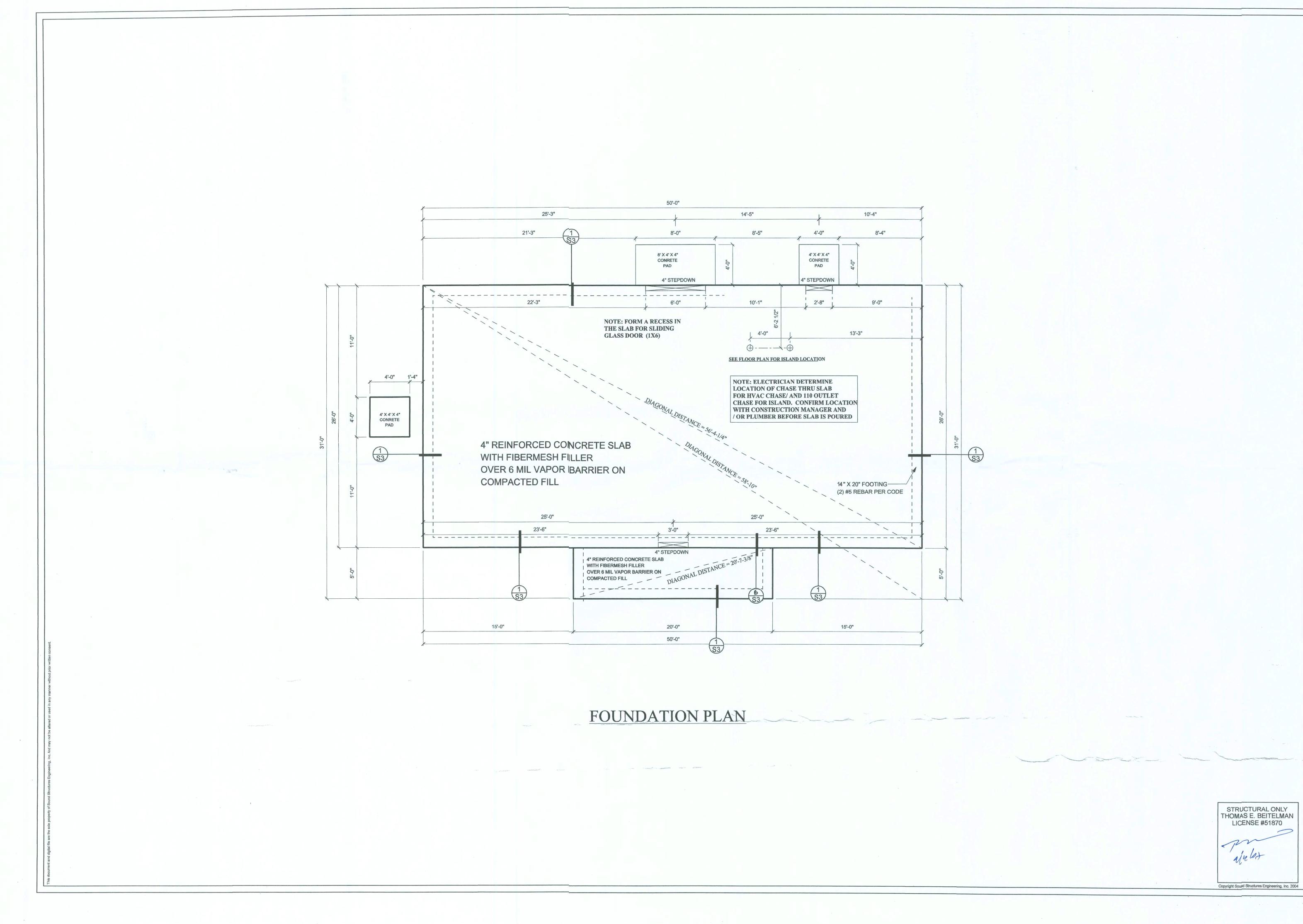
Z

THIS PLAN R AS PER BUYI SIGNED PLAJ CHANGES M ENGINEERS J

SCALE: 1/2" = 1'-0"

DRAWN BY: PLAN DATE: BAA9/26/07 JOB# 07-04-0061 OF

SUBJECT TO CHANGE WITHOUT NOTICE BY PENNYWORTH HOMES

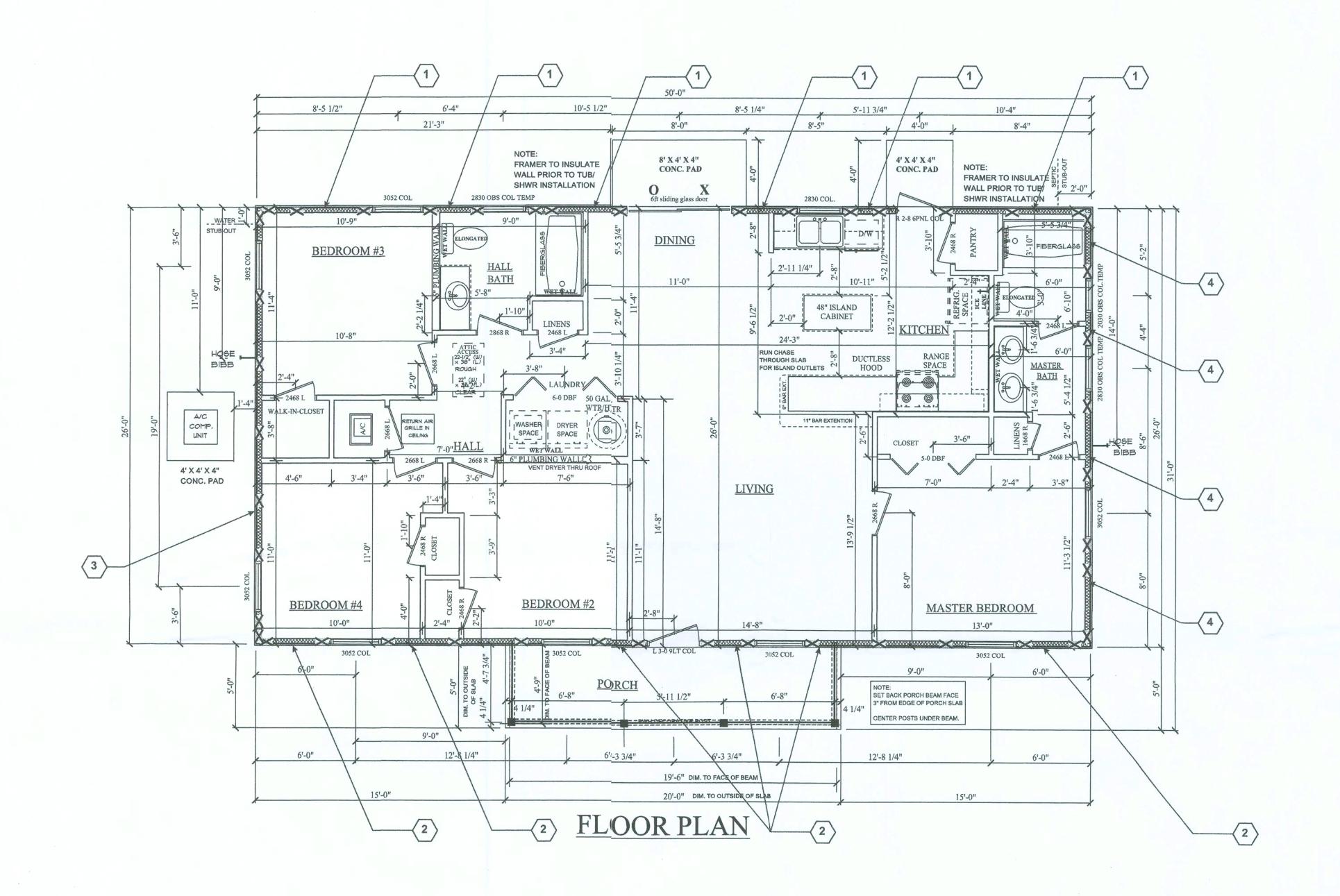


ngineering
P.E., President

Sound Structures Engineering
Structural Engineering
William E. Douglas P.E., President

Varies | CLIENT: Pennyworth Homes, Inc.

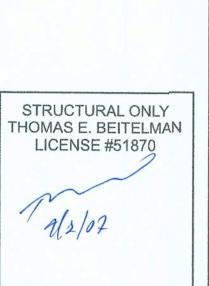
Description:



Shear-Wall and Holdown Layout
Scale: 1/4" = 1'-0"

Shear-Wall Identification Number See Sheet S2 for specifications

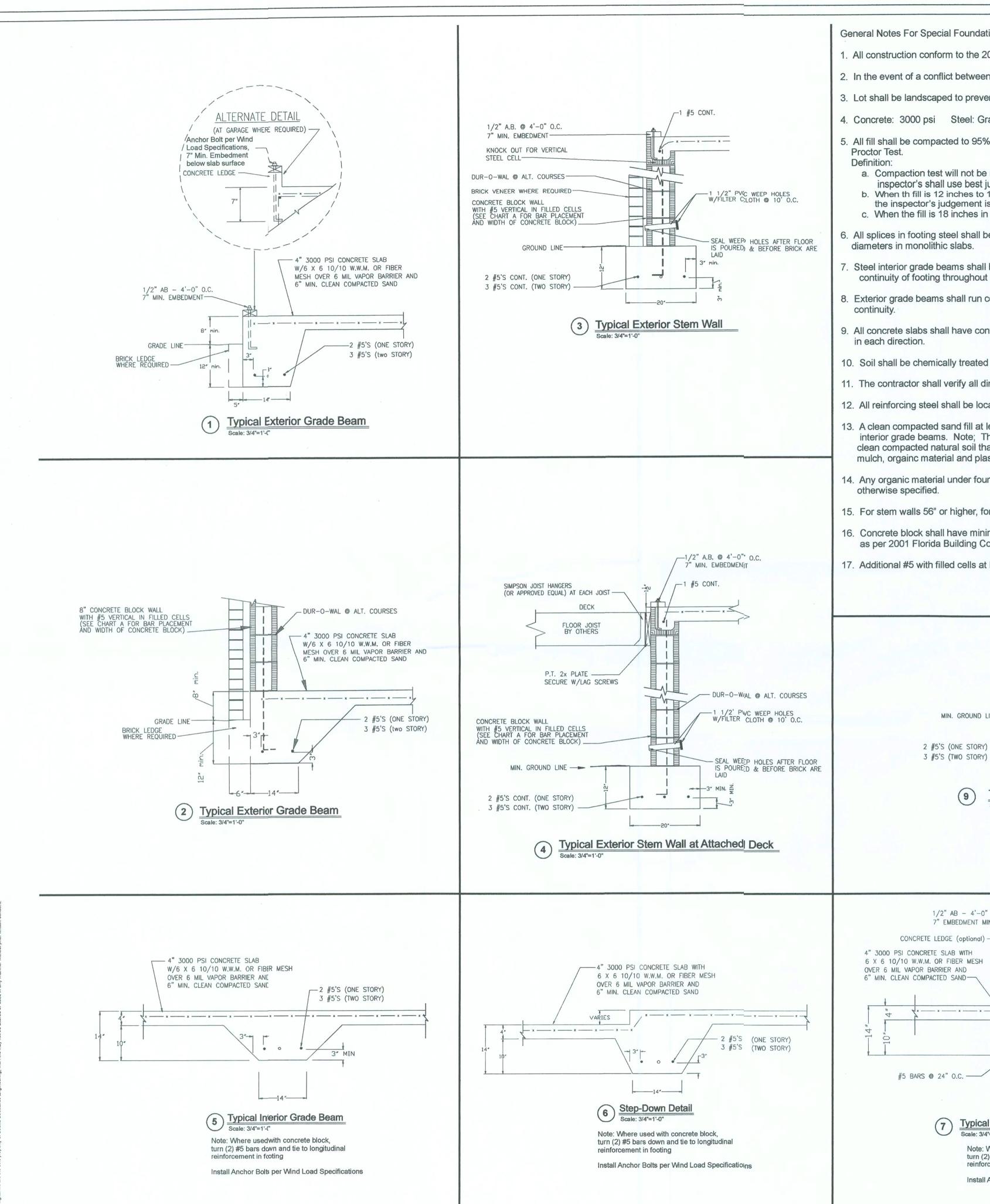
PHD2 — Approximate Location of Simpson Strong Tie PHD2-SDS3 Holdowns.



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No. 07S-082



General Notes For Special Foundation

1. All construction conform to the 2004 Florida Building Code with 2006 revisions.

2. In the event of a conflict between plans and the codes, the codes shall govern.

3. Lot shall be landscaped to prevent the detention of surface water.

4. Concrete: 3000 psi Steel: Grade 60

5. All fill shall be compacted to 95% of maximum dry density as determined by the Modified Proctor Test. Definition:

a. Compaction test will not be required when the fill is less than 12 inches in depth, the inspector's shall use best judgement.

b. When th fill is 12 inches to 18 inches in depth, compaction test will be required only if the inspector's judgement is that the compaction is questionable. c. When the fill is 18 inches in depth or more, compaction test will be required.

. All splices in footing steel shall be lapped 40 bar diameters in concrete block and 30 bar diameters in monolithic slabs.

Steel interior grade beams shall be spliced to steel in exterior grade beams to assure continuity of footing throughout structure.

B. Exterior grade beams shall run continuous around the perimeter of the structure to assure

All concrete slabs shall have control joints to control cracking spaced maximum of 15 feet in each direction.

10. Soil shall be chemically treated for termites.

11. The contractor shall verify all dimensions at the site prior to beginning construction.

12. All reinforcing steel shall be located ma min. 3" from concrete surface.

13. A clean compacted sand fill at least 18 inches thick shall be placed under all exterior and interior grade beams. Note; This may be omitted in areas that have at least 30 inches of clean compacted natural soil that has minimum bearing capacity of 2000 psf and is free of mulch, orgainc material and plastic clays and consist of at least 50% sand (ext.)

14. Any organic material under foundation shall be removed prior to construction, unless otherwise specified.

15. For stem walls 56" or higher, formwork shall be braced before backfilling.

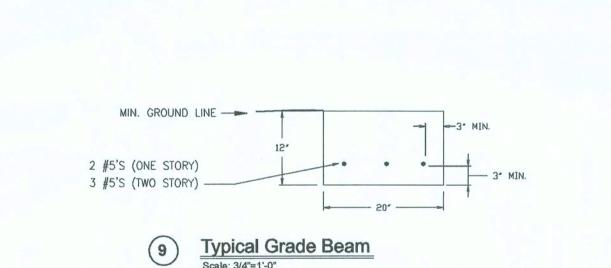
16. Concrete block shall have minimum compressive strength of 1500 psi (Grade N-1 or better) as per 2001 Florida Building Code Table 2106.2.

17. Additional #5 with filled cells at load bearing points on walls.

1/2" AB - 4'-0" O.C. 7" EMBEDMENT MINIMUM

CONCRETE LEDGE (optional) —

#5 BARS @ 24" O.C. ---



Typical Interior Grade Beam With Optional Curb

Note: Where used with concrete block,

reinforcement in footing

turn (2) #5 bars down and tie to longitudinal

Install Anchor Bolts per Wind Load Specifications

- 2 #5'S (ONE STORY)

3 #5'S (TWO STORY)

CHART A VERTICAL BAR PLACEMENT FOR BLOCK WALL WITH CONCRETE FLOOR SLAB OR JOIST DESIGN

For floor joist design use bond beam with (1) #5 reinforced bar continuous for slab floor, pour into block with welded wire mesh. (See chart below)

In all cases vertical bars shall be placed at either side of openings in wall and at each corner. Vertical bars shall be bent 24" into slab, each reinforced cell shall be filled with concrete.

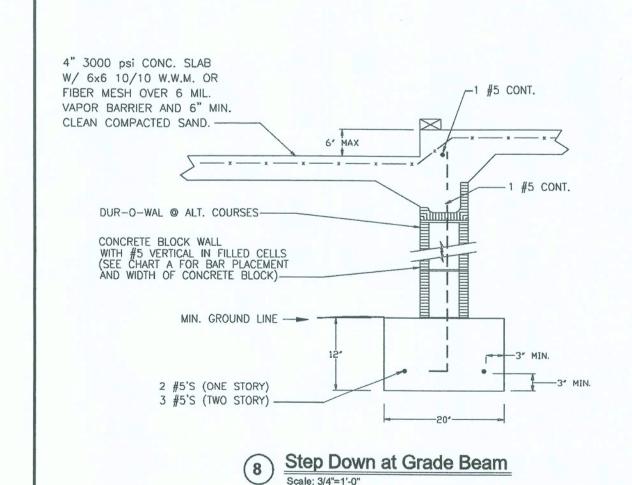
***Floor system to be placed before backfilling

H (Height of wall)	Width of Block	Vertical Bar Spacing
H <= 32"	8"	No. 5 @ 72" O.C.
32 < H <= 56	8"	No. 5 @ 48" O.C.
56 < H <= 72	8"	No. 5 @ 32" O.C.
72 < H <= 88	12"	No. 5 @ 32" O.C. with bond beam with (1) #5 at mid-height
	8"*	No. 5 @ 32" O.C. *(8" block may be used only if neither side of wall has soil bearing pressure. A bond beam with (1) #5 shall be provided at mid-height.
88 < H <= 120	12"	No. 5 @ 24" O.C. with bond beam with (1) #5 at mid-height
	8"*	No. 5 @ 24" O.C. *(8" block may be used only if neither side of wall has soil bearing pressure. A bond beam with (1) #5 shall be provided at mid-height.
96 < H <= 120	12"	No. 5 @ 16" O.C. (All cells filled with 3000 psi concrete) with bond beam with (1) #5 at mid-height
	8"*	No. 5 @ 24" O.C. *(8" block may be used only if neither side of wall has soil bearing pressure. A bond beam with (1) #5 shall be provided at mid-height.
120 < H <= 132	12"	No. 5 @ 8" O.C. (All cells filled with 3000 psi concrete) with bond beam with (1) #5 at mid-height
	8"*	No. 5 @ 24" O.C. *(8" block may be used only if neither side of wall has soil bearing pressure. A bond beam with (1) #5 shall be provided at mid-height.

PHYSICAL PROPERTIES OF MASONRY CEMENTS

Masonry Cement Type	N	*S	*M
Time of setting Initial set, minimum, hr. Final set, maximum, hr.	2 24	1 ½ 24	1 ½ 24
Compressive strength (average of 3 cubes, min.) 7 days, (psi) 28 days (psi)	500 900	1300 2100	1800 2900

*For the purpose of these plans, use grade "S" or "M"



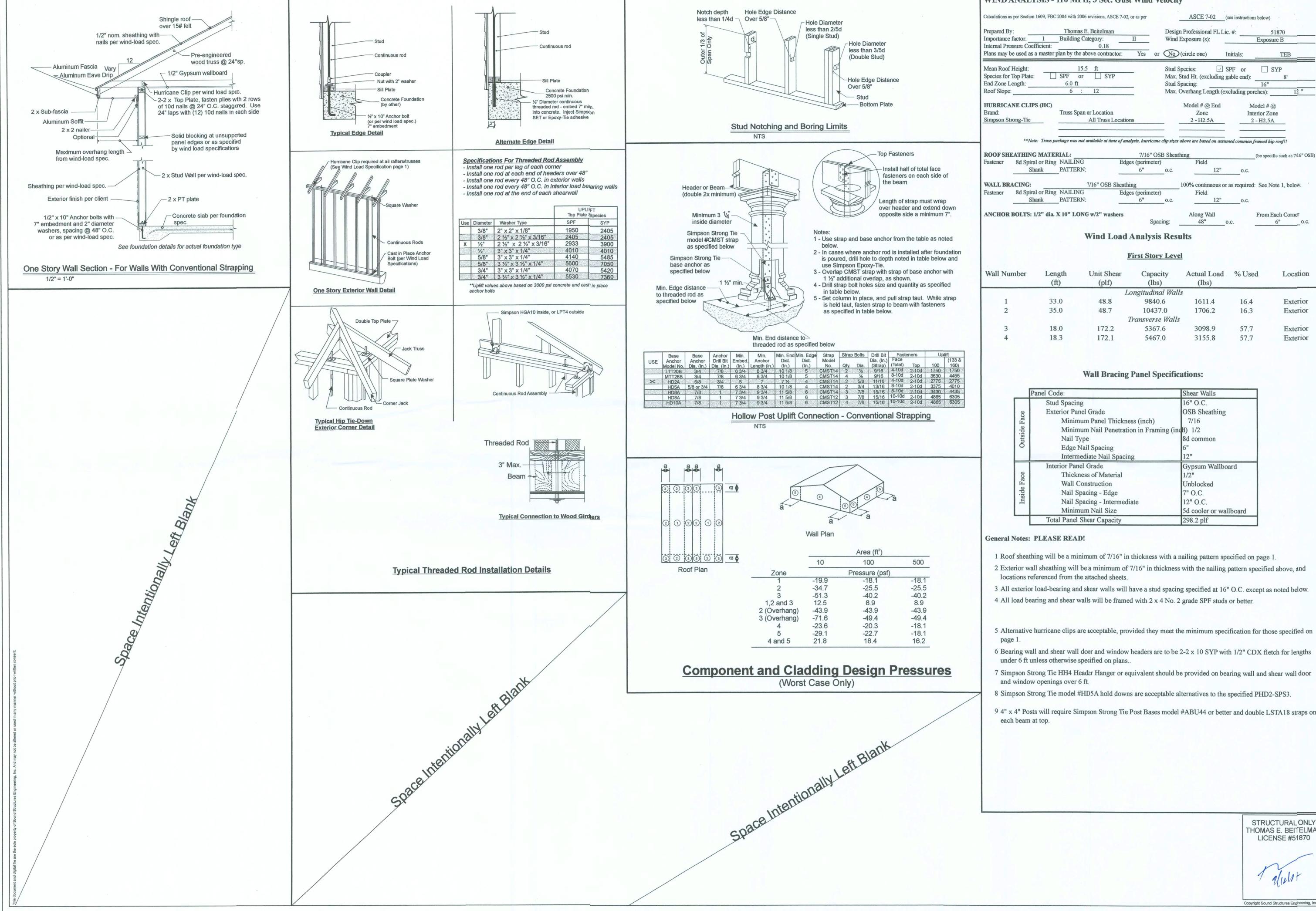
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WIND ANALYSIS - 110 MPH, 3 Sec. Gust Wind Velocity

Exposure B ✓ SPF or ☐ SYP Interior Zone 2 - H2.5A

**Note: Truss package was not available at time of analysis, hurricane clip sizes above are based on assumed common framed hip roof!!

__(be specific such as 7/16" OSB) 100% continuous or as required: See Note 1, below. From Each Corner 6" o.c.

Wall Number	Length (ft)	Unit Shear (plf)	Capacity (lbs)	Actual Load (lbs)	% Used	Location
		Lo	ongitudinal Wa	lls		
1	33.0	48.8	9840.6	1611.4	16.4	Exterior
2	35.0	48.7	10437.0	1706.2	16.3	Exterior
		7	ransverse Wall	's		
3	18.0	172.2	5367.6	3098.9	57.7	Exterior
4	18.3	172.1	5467.0	3155.8	57.7	Exterior

- 2 Exterior wall sheathing will be a minimum of 7/16" in thickness with the nailing pattern specified above, and
- 5 Alternative hurricane clips are acceptable, provided they meet the minimum specification for those specified on
- 6 Bearing wall and shear wall door and window headers are to be 2-2 x 10 SYP with 1/2" CDX fletch for lengths
- 9 4" x 4" Posts will require Simpson Strong Tie Post Bases model #ABU44 or better and double LSTA18 straps on

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