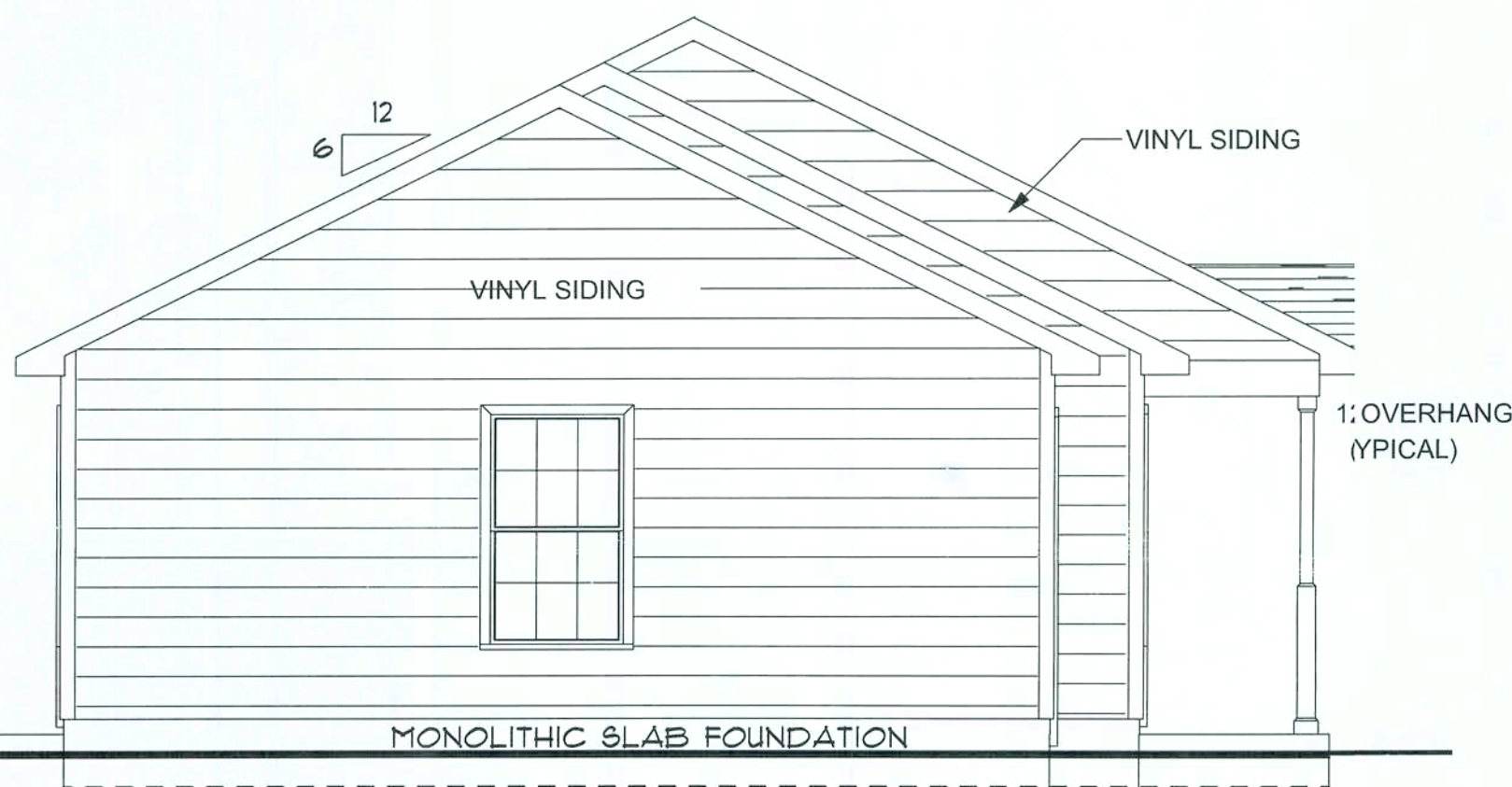
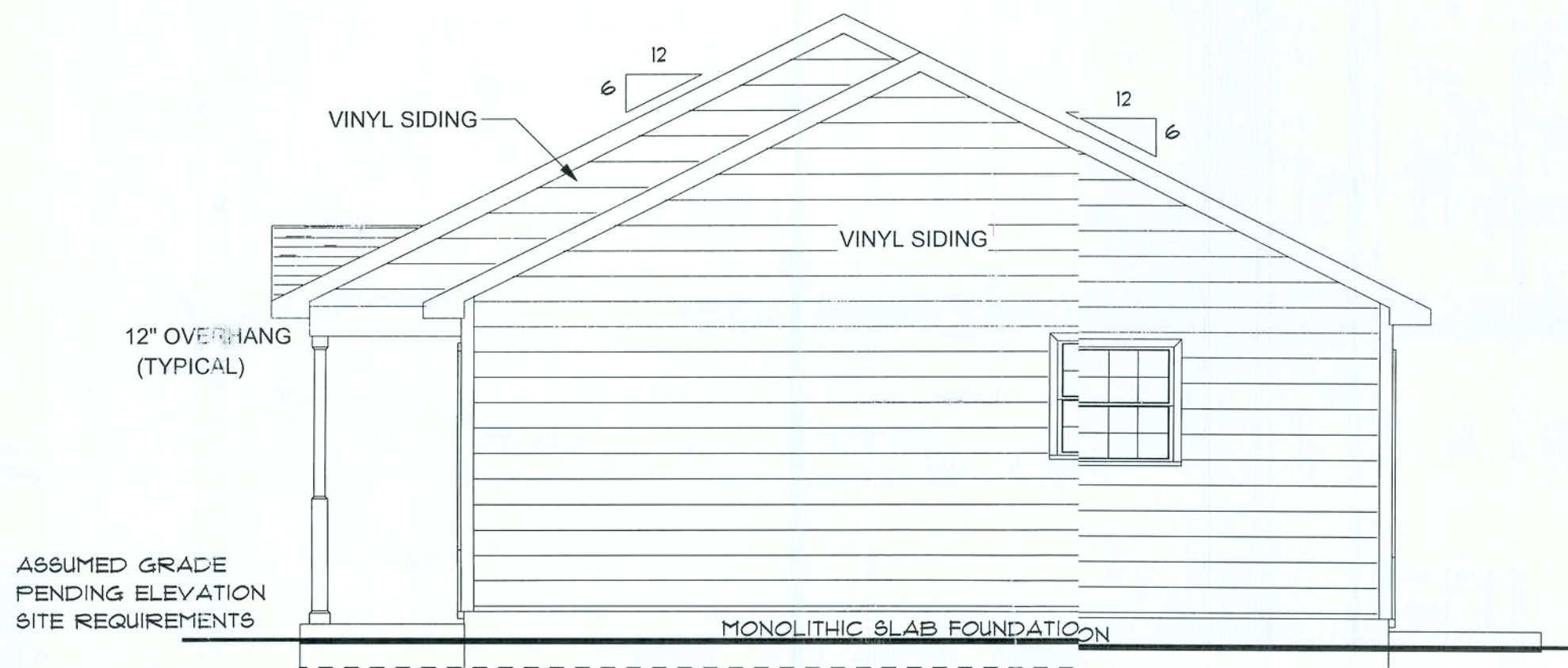


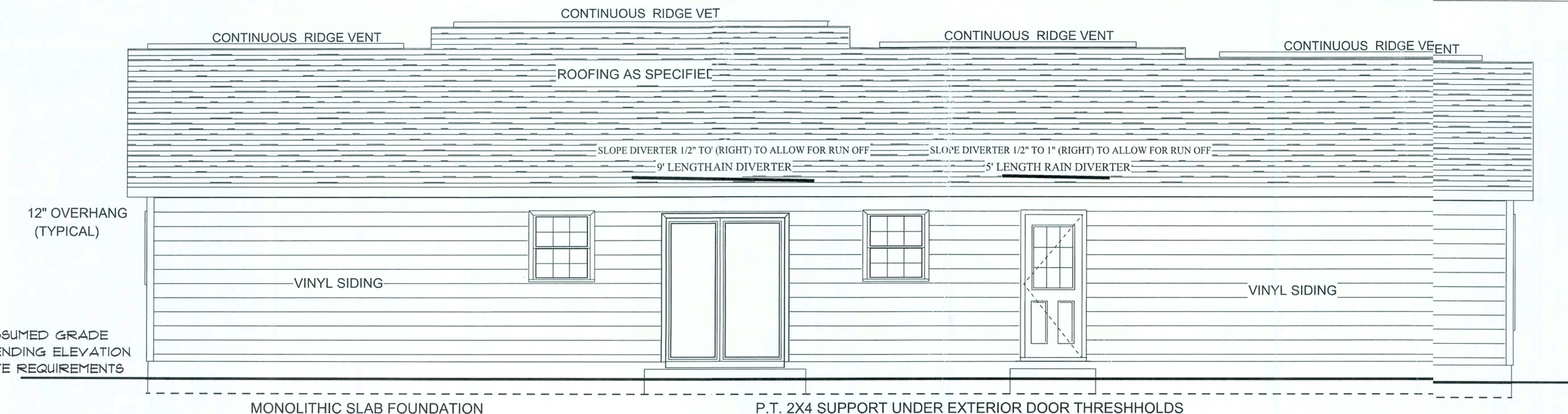
FRONT ELEVATION



LEFT ELEVATION



RIGHT ELEVATION



REAR ELEVATION

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

Pennyworth Homes

Got Land? Let's Build!
PennyworthHomes.com FL-CRC058472

EXHIBIT "A"

PLAN: SANFORD B

CUSTOMER NAME:

A. HORMAZA & S. ABDULAAL

HEATED LIVING AREA

GROUND FLOOR: 1152
SECOND FLOOR: N/A
OTHER: N/A
TOTAL HEATED: 1152

NON-HEATED
LIVING AREA

PORCH: 72
GARAGE: 352
OTHER: N/A
TOTAL U/R 1576

IMPORTANT-PLEASE READ
BELOW CAREFULLY

OUR SALES BROCHURES AND OTHER ADVERTISING LITERATURE 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, PRACTICES, 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 INTENDED TO TAKE PRIORITY OVER ANYTHING IN CONFLICT WITH IT CONTAINED IN OUR ADVERTISING LITERATURE. OUR SALES MODELS AND EVEN OUR ORAL SALES PRESENTATION, NO CHANGE, MODIFICATION, OR REVISION OF THESE PRINTED PLANS SHALL BE BINDING ON THE PARTIES UNLESS SET FORTH ON THESE PLANS OR OTHERWISE 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 ACCURATELY REPRESENT THE HOME YOU ARE PURCHASING. ADDITIONALLY, P.W.H. HOMES INC. HEREBY RESERVES 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 NECESSARY TO ACCOMMODATE DIFFERENCES IN LOCAL CODES, GEOGRAPHIC CUSTOMS, OPTION SELECTIONS AND AVAILABILITY 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 OF P.W.H. HOMES INC.

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SIGNATURE INDICATES APPROVAL AND ACCEPTANCE:
BUYER OWNER: DATE: 06/30/2008
BUYER OWNER: DATE: 06/30/2008
PENNYWORTH HOMES: AGENT OF P.W.H. HOMES
CORPORATE OFFICE

NOTE:
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DRAWN BY: PLAN DATE: PAGE
BAA 06/30/2008 1
JOB# 08-04-0040 OF 8

REV. #	REV. DATE:	DRAWN BY:	DISCRIPTION OF REVISION

PRODUCT CODE	R.O. SIZE	COUNT
INT. DOOR SCHEDULE		
0 DBF	R.O. 62" X 82-1/2"	2
68 R	R.O. 20" X 82-1/2"	1
68 L	R.O. 20" X 82-1/2"	1
68 R	R.O. 26" X 82-1/2"	1
68 L	R.O. 30" X 82-1/2"	2
68 L	R.O. 32" X 82-1/2"	2
68 R	R.O. 32" X 82-1/2"	2
68L	R.O. 34" X 82-1/2"	1
68R	R.O. 34" X 82-1/2"	1

PRODUCT CODE	R.O. SIZE	COUNT
EXT. DOOR SCHEDULE		
SMOOTH FIBERGLASS INFINITY		
L 3-0 6PNL COL IN SWING	R.O. 38" X 82-1/2"	1
R 2-8 9 LITE COL OUT SWING	R.O. 34" X 81-1/2"	1
L 2-8 6PNL COL IN SWING	R.O. 34" X 82-1/2"	1

PRODUCT CODE	R.O. SIZE	COUNT
WINDOW SCHEDULE		
SILVER LINE 2900 SERIES		
2830 COL.	R.O. 32-1/2" X 36-1/2"	1
2830 OBS COL	R.O. 32-1/2" X 36-1/2"	1
2830 OBS COL TEMP	R.O. 32-1/2" X 36-1/2"	1
3052 COL	R.O. 36-1/2" X 62-1/2"	3
3052 TWIN COL.	R.O. 72-1/2" X 62-1/2"	1
3052 TWIN COL. TEMP	R.O. 72-1/2" X 62-1/2"	1
6/0 SLIDING GLASS DOOR (R)	R.O. 74-5/8" X 80-9/16"	1
CHECK R/O SIZE ACCORDING TO MANUFACTURE SPECS		

TRUSS DESIGNER TO ALLOW FOR HVAC CLOSET SPACE *SEE FLOOR PLAN

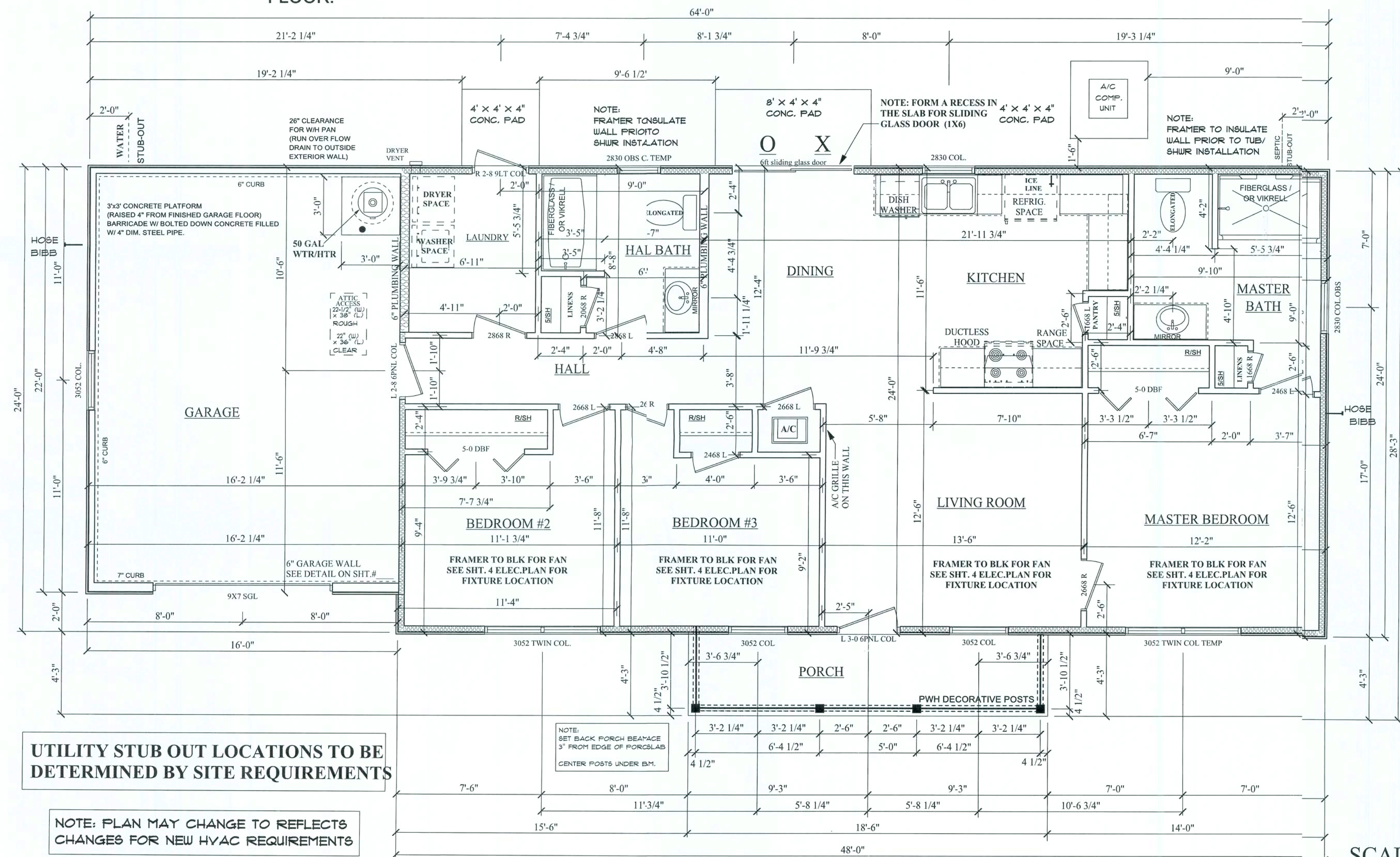
NOTE: BUILDER IS TO CONFIRM ROUGH OPENINGS BEFORE FRAMING.

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

NOTE: ALL WINDOWS TO BE VINYL

ATTENTION FRAMER; BLOCK FOR FAN IN ALL BEDROOMS AND DESIGNATED AREAS

NOTE: FLOORING CHOICES TO BE DETERMINED BY BUYER



UTILITY STUB OUT LOCATIONS TO BE DETERMINED BY SITE REQUIREMENTS

NOTE: PLAN MAY CHANGE TO REFLECTS CHANGES FOR NEW HVAC REQUIREMENTS

NOTE: SET BACK PORCH BEAMFACE 3" FROM EDGE OF PORCH SLAB CENTER POSTS UNDER B.M.

FLOOR PLAN

8" CEILINGS THROUGHOUT HOUSE

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

Pennyworth Homes

Got Land? Let's Build! PennyworthHomes.com FL-CRC058477

EXHIBIT "A"
PLAN: SANFORD B
CUSTOMER NAME: A. HORMAZA & S. ABDULAAL
HEATED LIVING AREA

GROUND FLOOR: 1152
SECOND FLOOR: N/A
OTHER: N/A
TOTAL HEATED: 1152

NON-HEATED LIVING AREA

PORCH: 72
GARAGE: 352
OTHER: N/A
TOTAL U/R 1576

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BUYER/OWNER: DATE: 06/30/2008
AGENT OF PWH HOMES CORPORATE OFFICE

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DRAWN BY: BAA PLAN DATE: 06/30/2008 PAGE 2 OF 8
JOB# 08-04-0040

REV.#	REV. DATE:	DRAWN BY:	DISCRIPTION OF REVISION
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PLAN: SANFORD B

CUSTOMER NAME:

A. HORMAZA & S. ABDULAAL

HEATED LIVING AREA

GROUND FLOOR: 1152

SECOND FLOOR: N/A

OTHER: N/A

TOTAL HEATED: 1152

NON-HEATED

LIVING AREA

PORCH: 72

GARAGE: 352

OTHER: N/A

TOTAL U/R 1516

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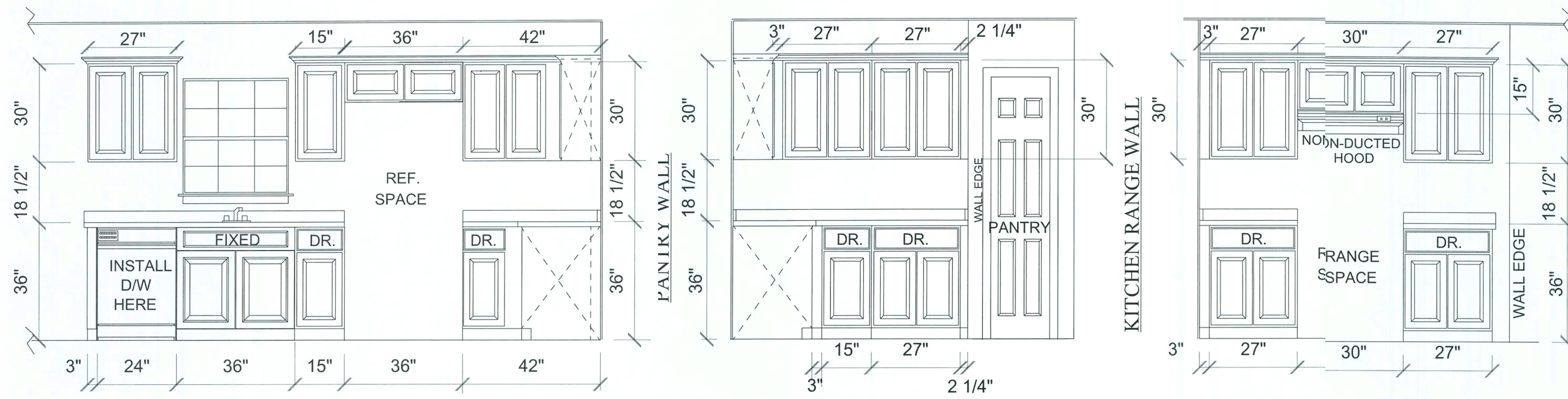
SIGNATURE INDICATES APPROVAL AND ACCEPTANCE:

BUYER/OWNER:	DATE:
BUYER/OWNER:	DATE: 06/30/2008

AGENT OF PWH HOMES
CORPORATE OFFICE

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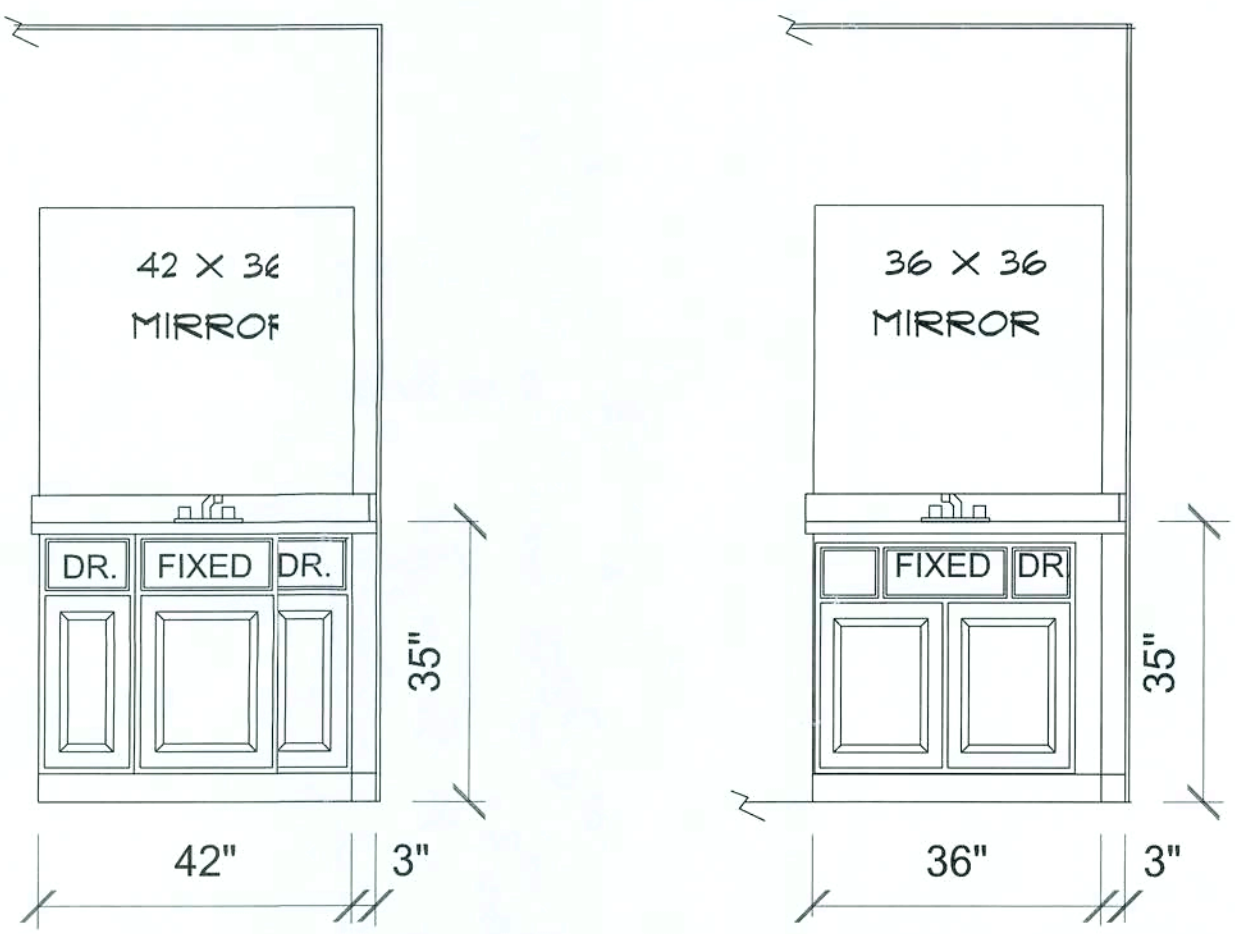


KITCHEN CABINET ELEVATIONS

CABINETS ARE SYMBOLIC, ACTUAL UNITS MAY VARY IN STYLE *TO BE DETERMINED BY BUYER.

INSTALL CROWN MOLDING AROUND TOP OF KITCHEN WALL CABINETS.

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



MASTER BATH

HALL BATH

VANITY CABINET ELEVATIONS

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

REV.#	REV. DATE:	DRAWN BY:	DISCRIPTION OF REVISION

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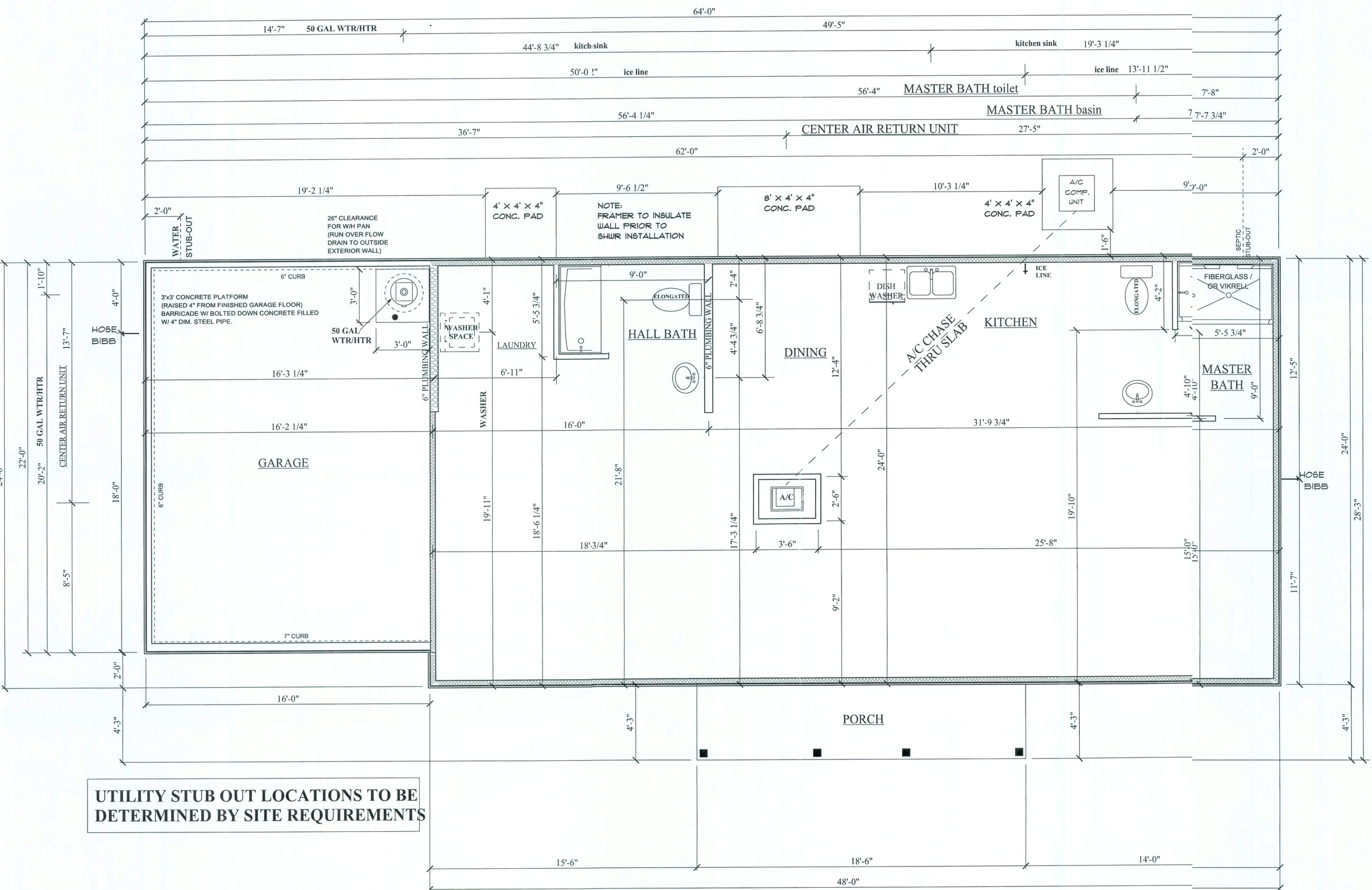
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BUYER/OWNER:	DATE:	DATE:	06/30/2008
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DRAWN BY:	PLAN DATE:	PAGE
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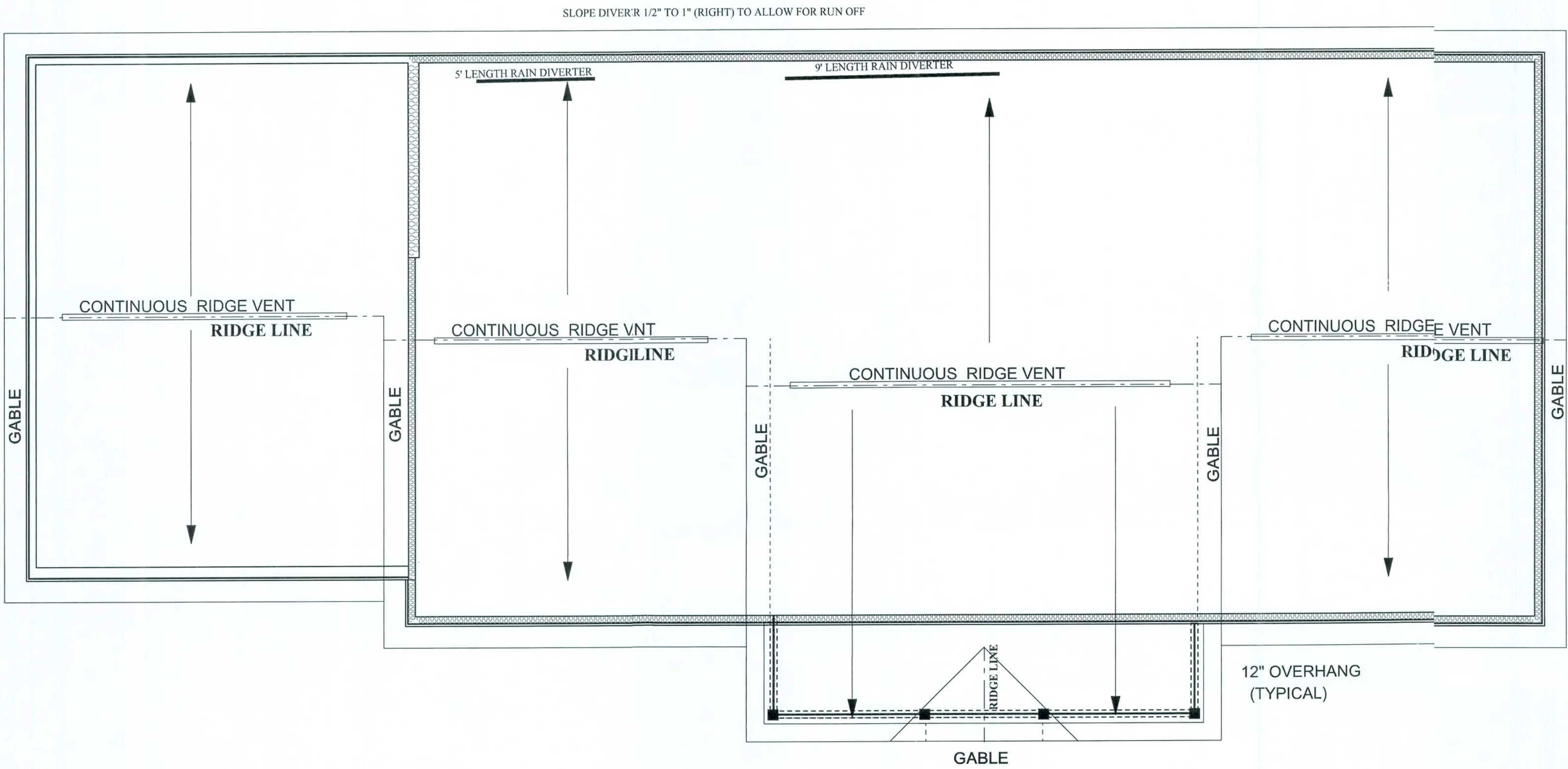


PLUMBING PLAN

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

REV.#	REV. DATE:	DRAWN BY:	DISCRIPTION OF REVISION

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



ALL ROOF PLANES SHOWN ARE @ 6 - 12 PITCH

ROOF LAYOUT PLAN

OUTSIDE

O.S.B.

2X6 WALL

S.Y.P. 2X4

S.Y.P. 2X8

S.Y.P. 2X6

GARAGE DOOR OPENING

INSIDE

P.T. (BORATE TREATED) 2X4

2X6

2X8

12"

BOTTOM 12" TO BE P.T.
BORATE TREATED (2) 2X4

S.Y.P. 2X6 SITS APPROX. 1/4" FROM GROUND

GARAGE DOOR OPENING

OUTSIDE

INSIDE

(2) P.T. (BORATE TREATED) 2X4

PENNYWORTH HOMES TYPICAL WALL SECTION FOR MONOLITHIC SLAB

**BEAM SIZE DETERMINED BY ENGINEERING
ACCORDING TO LOCAL CODE**

1X4 #2 PINE LAID FLAT
OR 7/16" OSB AS PER ENG.
@ 16" O.C. FOR VINYL
PORCH CEILING

APPROVED TRISSES
@ 24" O.C.

HURRICANE CLIP @ EACH TRUSS

*R-30 F/G BLOWN INSULATION
PER SPECS LIVING AREA ONLY

1/2" CEILING BOARD

2- 2X4 TOP PLATE

2 X 4 STUDS @ 16" O.C.

*R-13 INSULATION
LIVING AREA ONLY PER SPECS

*1/2" SHEETROCK TAPED

3X 4 P.T. BOTTOM PLATE (SET BACK 1/2")

3-1/2" SILL SEAL

3-1/4" BASE

6" CONC. MONOLITHIC
SLAB W/10-GA 6X6 W.W.M.
IF FIBERMESH CONC. IS
NOT AVAILABLE

6MIL VAPOR BARRIER

REBAR ON ROD CHAIRS
(SEE PLANS)

FOOTER AS PER EN.
OR LOCAL CODE

COMPACTED FILL

FOOTER AS PER EN.
OR LOCAL CODE

6MIL VAPOR BARRIER

ATTENTION:
ENGINEER TO SPECIFY
TIE DOWN LOCATIONS

HOUSE WRAP

7/16" OSB
SUB-SHEATH'G

METAL STRAP

VINYL SIDING
PER SELECTION
SHEET

HURRICANE CLIP
@ EACH TRUSS

3"

2X6 WRAPPED W/
ALUM. TRIM

PORCH HEADER
WRAPPED W/METAL

VINYL SOFFITS VENTED

VINYL SOFFIT

4X4 PT POST
W/ PVC SLEEVE

PW DECOR. POST

SET CENTER OF
PORCH POST BACK 4-3/4"
FROM EDGE OF PORCH SLAB

SET POST SO THAT
BOTTOM SLEEVE
DOES NOT HANG
OVER SLAB.

3-1/2" X 3-1/2"
STAND OFF
POST BASE
ABK44

POST BASE PER ENGINEERING

REBAR ON ROD CHAIRS
(SEE PLANS)

FOOTER AS PER ENG.
OR LOCAL CODE

COMPACTED FILL

1/2" UNC-13 NUT
&
3"x3"x1/8" WASHER

(2) 2X6 TOP PLATE

GARAGE DOOR HEADER
SEE FLOOR PLAN FOR SIZE

(2) SIMPSON CS20
W/ (7) 10d x 1.5" NAILS EACH END

ZINC GALVANIZED
1/2" UNC-13 ROD

(2) 2X6 HEADER STUDS

(3) 2X6 FULL LENGTH STUDS

PT 2X6 SILL PLATE
W/ SEAL

SIMPSON P1 PAS1
EMBEDDED IN CC CONCRETE
W/ (16) 16d N NAILS

4" CONC. SLAB

THICKENED SLAB ACROSS EDGE OF OPENING

ASSUMED GRADE

00

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AESTHETICALLY, ARCHITECTURALLY,
AND STRUCTURALLY SOUND

CONSTRUCTION DETAIL SHEET

CONSTRUCTION PLANS

NOT TO SCALE

BAA October 23, 2008

BAA	October 23, 2008
JOB# 08-04-0040	

OF

****SUBJECT TO CHANGE WITHOUT NOTICE BY PENNYWORTH HOMES****

REV.#	REV. DATE:	DRAWN BY:	DISCRIPTION OF REVISION
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Structural Engineering

William E. Douglas P.E., President

2467 Centerville Road, Tallahassee, FL 32308
Phone: (850) 385-5288 Fax: (850) 386-7586

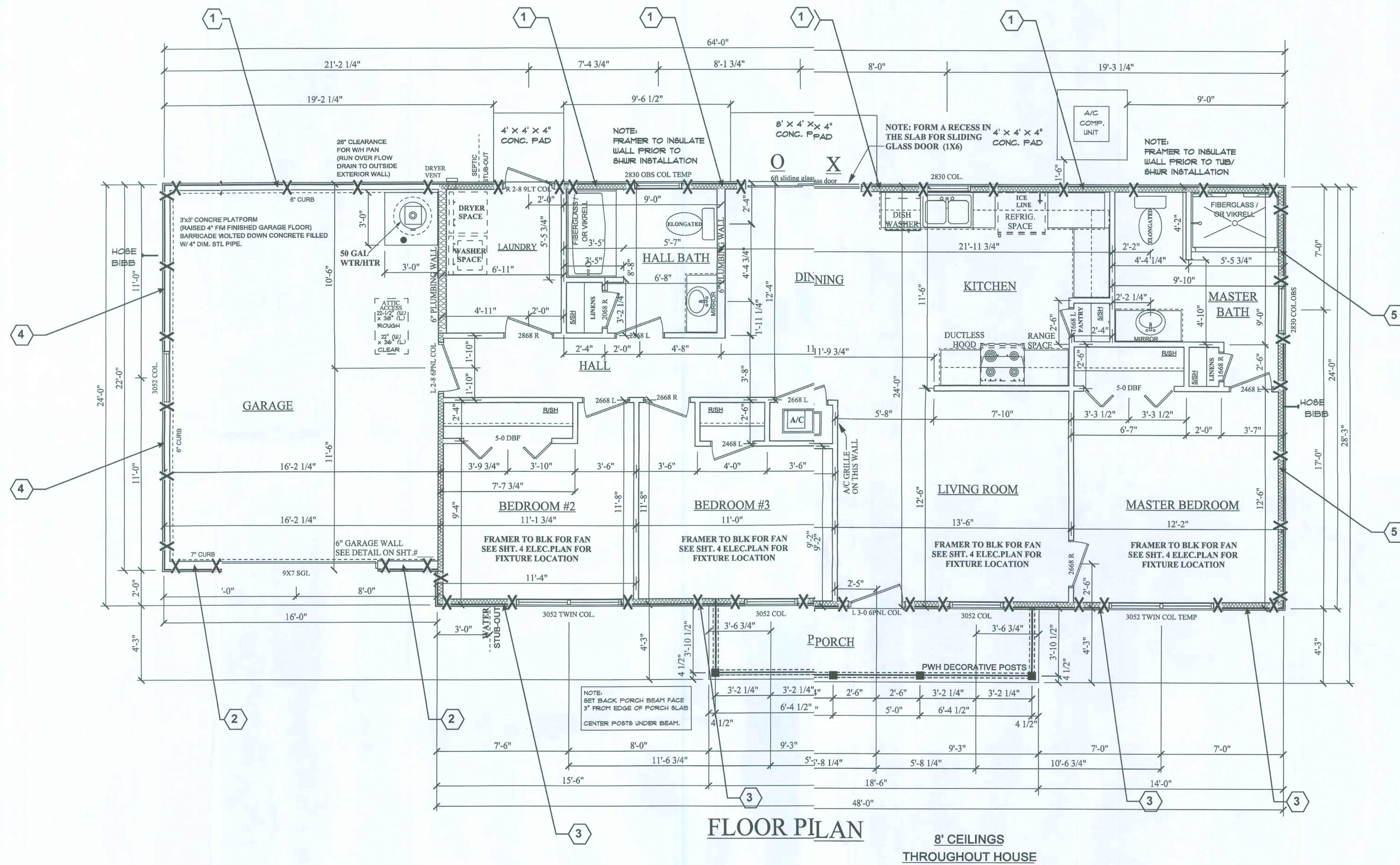


g-21-08

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PROJECT: Pennyworth Homes - Hormaza Residence - <i>General Home</i> Road		CLIENT: Pennyworth Homes, Inc.	
TITLE: Structural Details and Wind Load		SCALE: Varies	Revision By: Date:
File Name: 08S-088.cdr			
Designed: TEB			
Drawn: TEB			
Checked: TEB			
Date: 8/27/08			
Sheet	51	of	4
No. 08S-088			

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- # Shear-Wall Identification Number
See Sheet S4 for specifications
- X — Approximate location of 1/2" dia. tie-rods

STRUCTURAL ONLY
THOMAS E. BEITELMAN
LICENSE #51870

8-21-08

PROJECT: Pennyworth Homes - Hormaza Residence - Caboose Road

TITLE: Structural Details and Wind Load **SCALE:** Varies **CLIENT:** Pennyworth Homes, Inc.

Revision By: **Date:** **Description:**

File Name: 08S-068.cdr

Designed: TEB

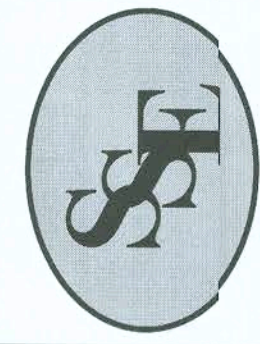
Drawn: TEB

Checked: TEB

Date: 8/27/08

Sheet S2 of 4

No. 08S-068



Sound Structures Engineering, Inc.

Structural Engineering

William E. Douglas P.E., President

2467 Centerville Road, Tallahassee, FL 32308
Phone: (850) 385-5288 Fax: (850) 386-7586

General Notes For Special Foundation

- All construction conform to the 2004 Florida Building Code with 2006 revisions.
- In the event of a conflict between plans and the codes, the codes shall govern.
- Lot shall be landscaped to prevent the detention of surface water.
- Concrete: 3000 psi Steel: Grade 60
- All fill shall be compacted to 95% of maximum dry density as determined by the Modified Proctor Test.
Definition:
 - Compaction test will not be required when the fill is less than 12 inches in depth, the inspector shall use best judgement.
 - When the 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.
 - 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.
- Exterior grade beams shall run continuous around the perimeter of the structure to assure continuity.
- All concrete slabs shall have control joints to control cracking spaced maximum of 15 feet in each direction.
- Soil shall be chemically treated for termites.
- The contractor shall verify all dimensions at the site prior to beginning construction.
- All reinforcing steel shall be located a min. 3" from concrete surface.
- 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, organic material and plastic clays and consist of at least 50% sand (ext.)
- Any organic material under foundation shall be removed prior to construction, unless otherwise specified.
- For stem walls 56" or higher, formwork shall be braced before backfilling.
- Concrete block shall have minimum compressive strength of 1500 psi (Grade N-1 or better) as per 2001 Florida Building Code Table 2106.2.
- Additional #5s with filled cells at load bearing points on walls.

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.

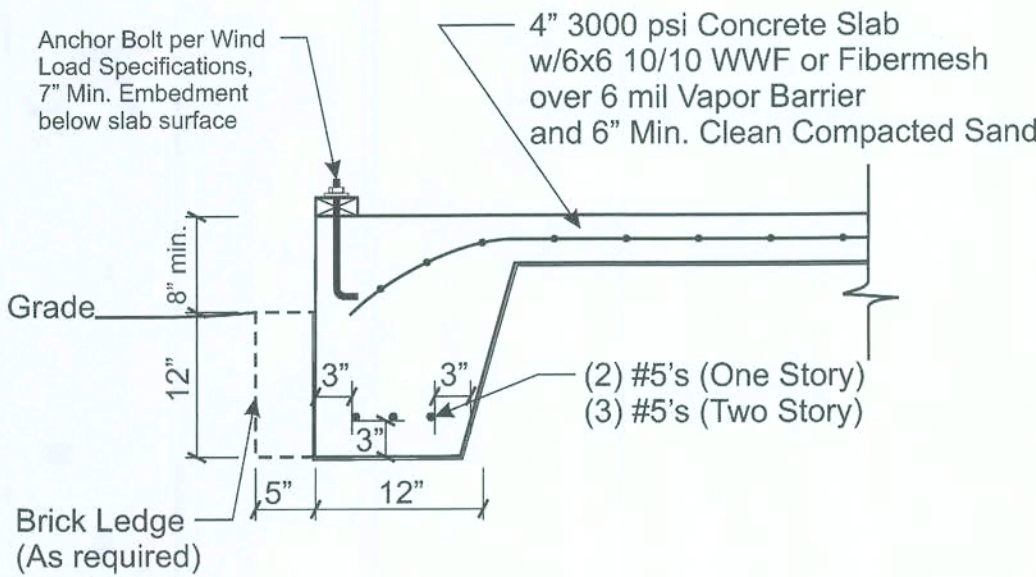
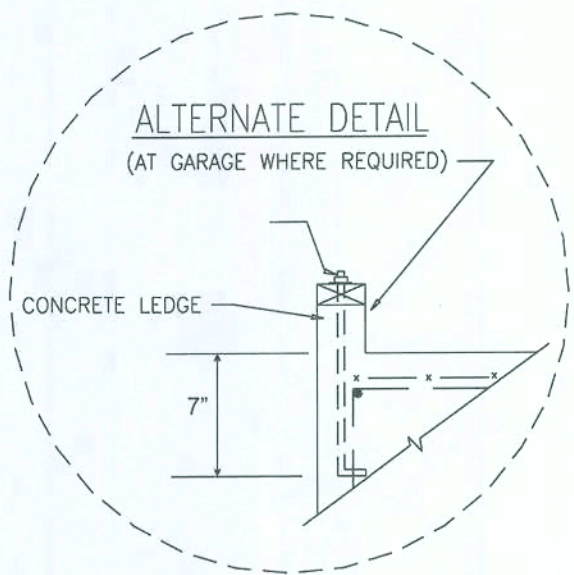
***Floor system to be placed before backfilling

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.

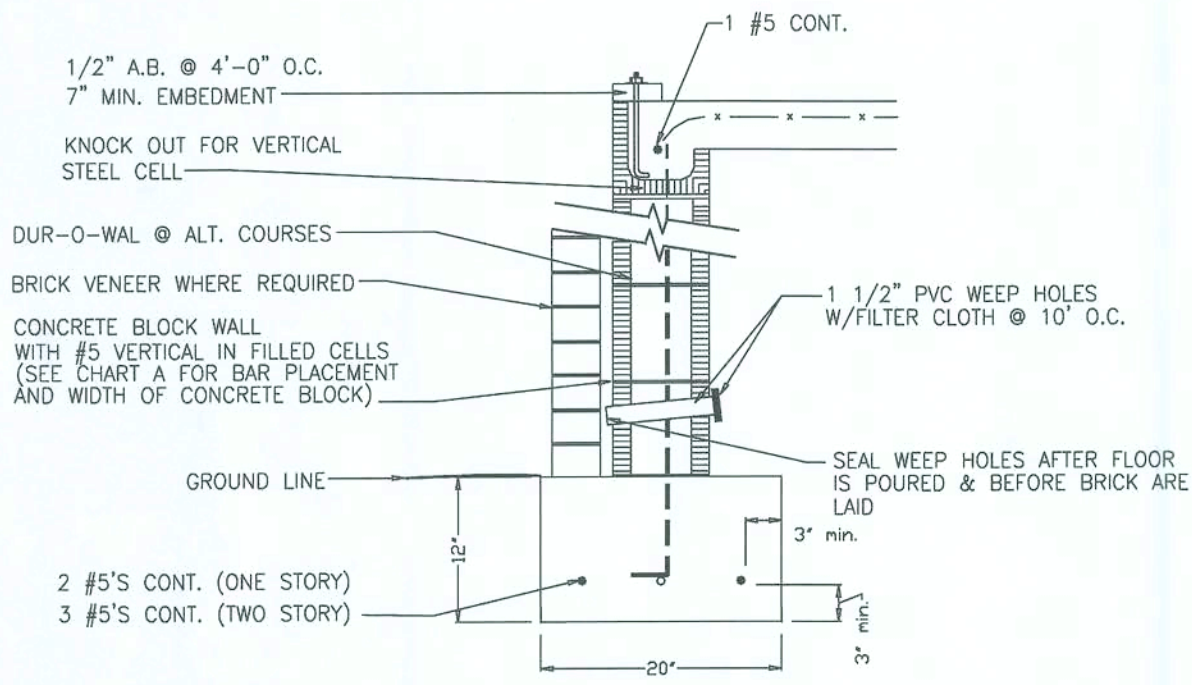
CHART B
PHYSICAL PROPERTIES OF MASONRY CEMENTS

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

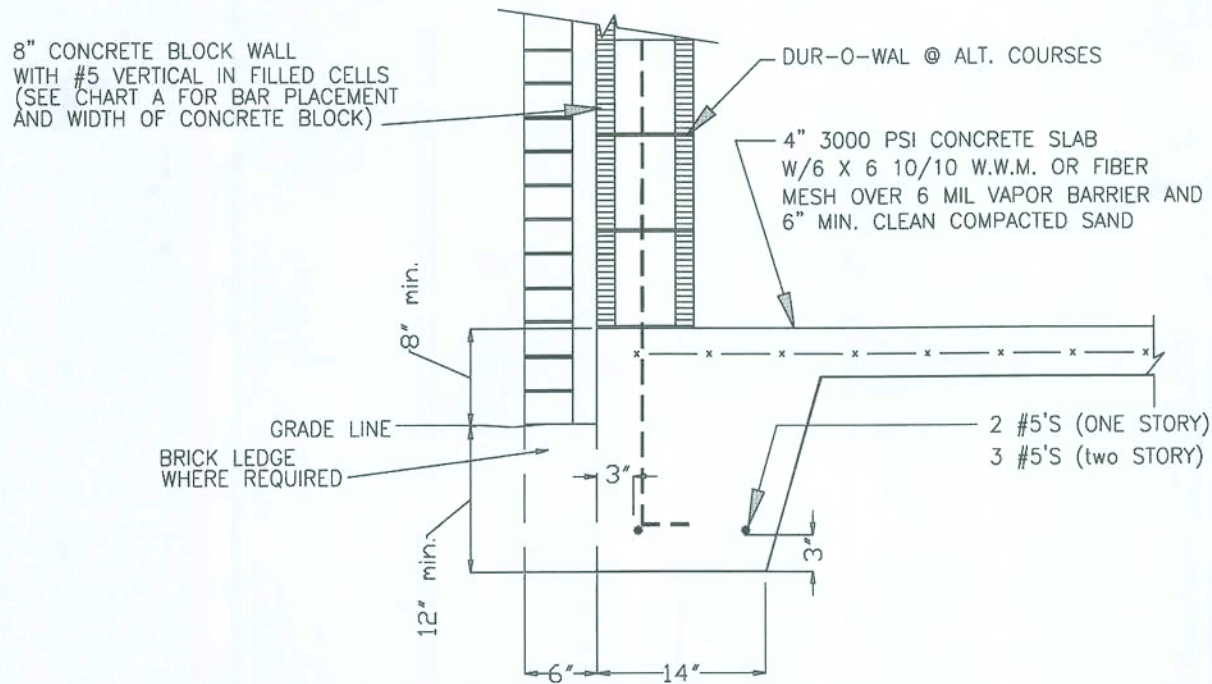
*For the purpose of these plans, use grade "S" or "M"



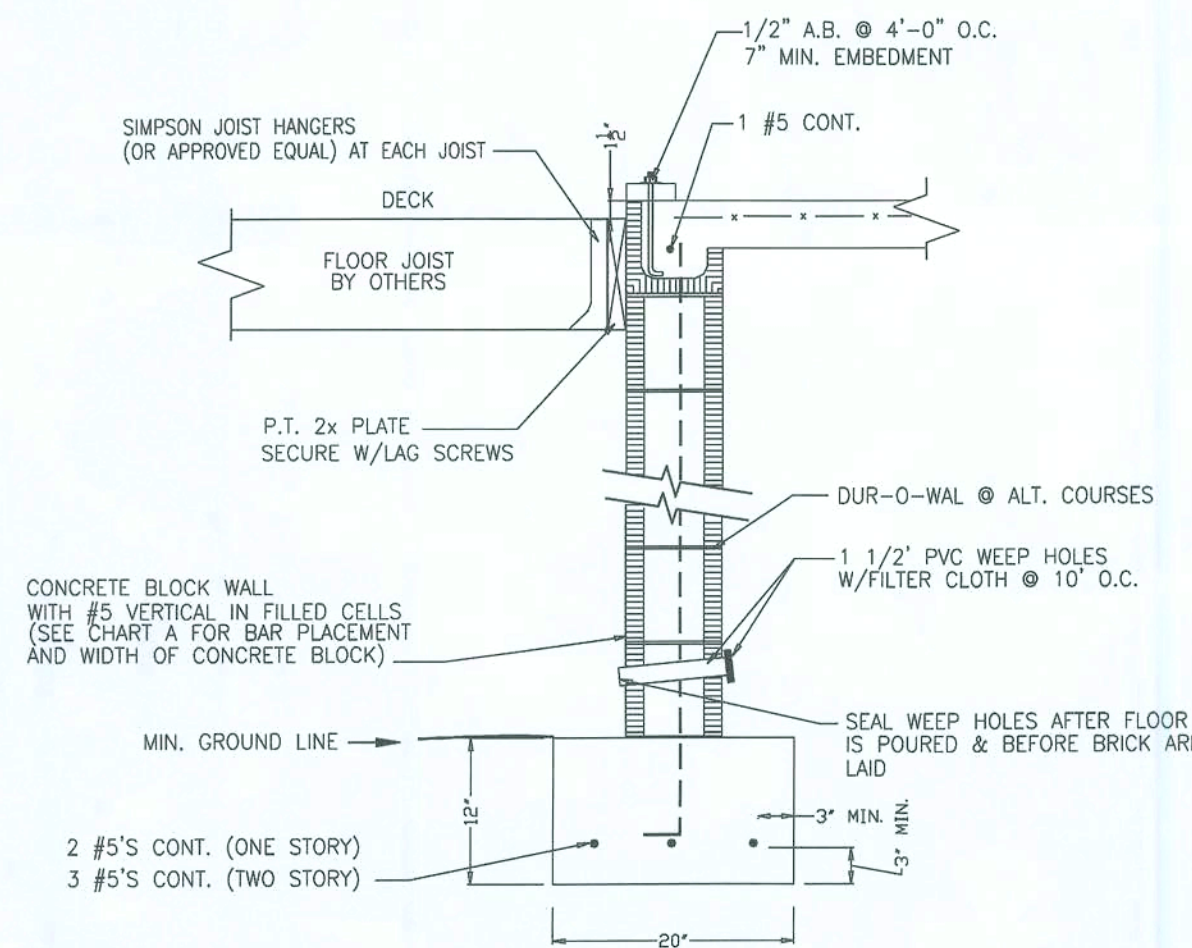
1 Typical Exterior Grade Beam
Scale: 3/4"=1'-0"



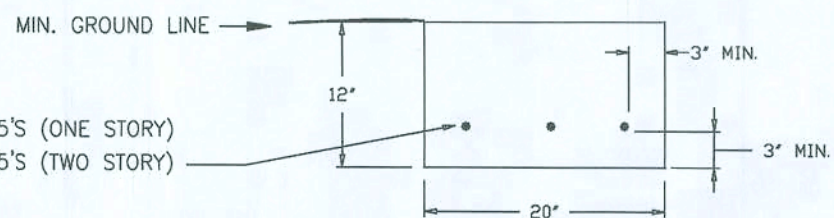
3 Typical Exterior Stem Wall
Scale: 3/4"=1'-0"



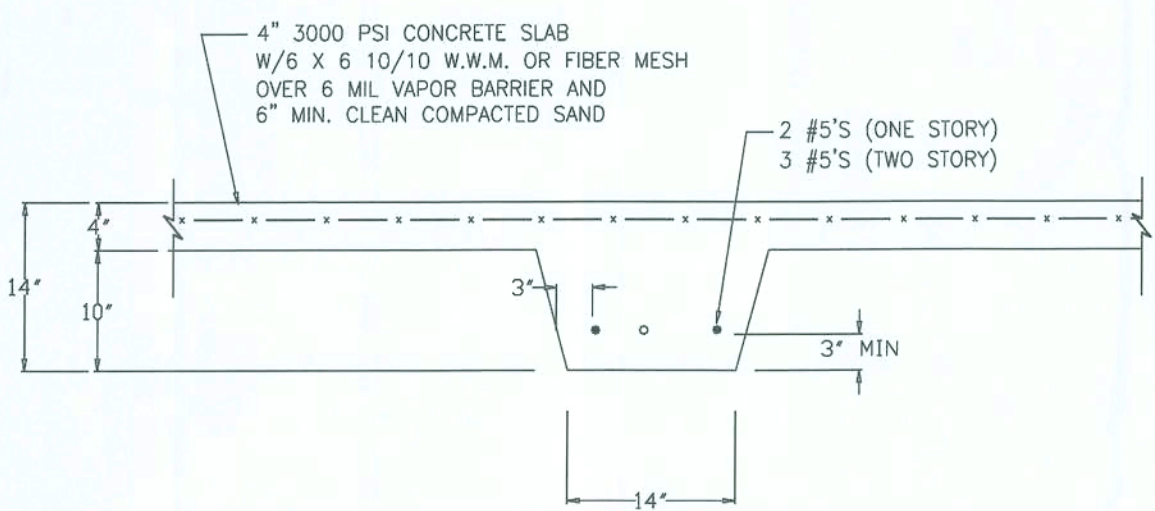
2 Typical Exterior Grade Beam
Scale: 3/4"=1'-0"



4 Typical Exterior Stem Wall at Attached Deck
Scale: 3/4"=1'-0"



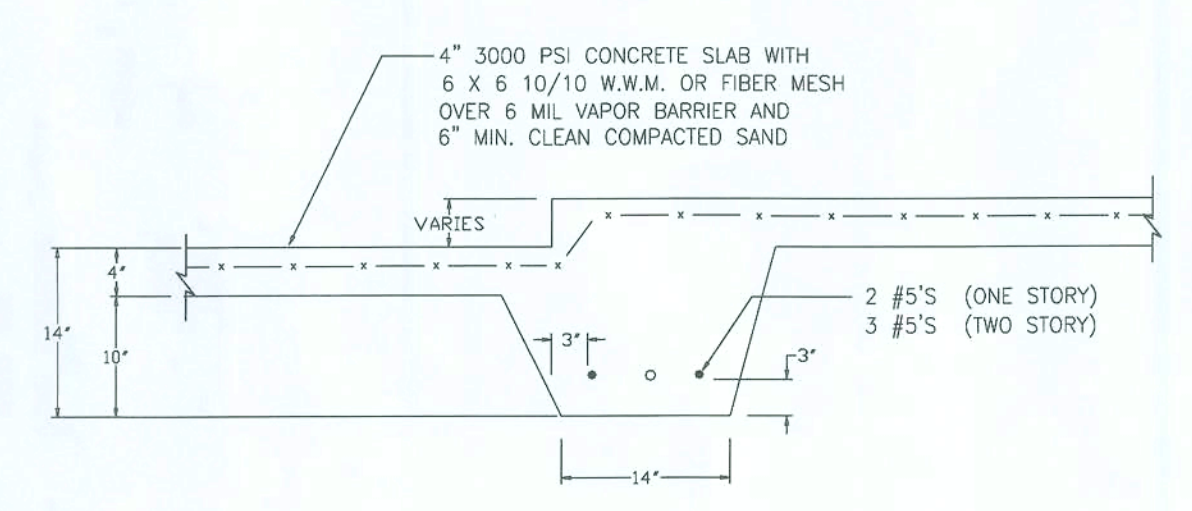
9 Typical Grade Beam
Scale: 3/4"=1'-0"



5 Typical Interior Grade Beam
Scale: 3/4"=1'-0"

Note: Where used with concrete block, turn (2) #5 bars down and tie to longitudinal reinforcement in footing

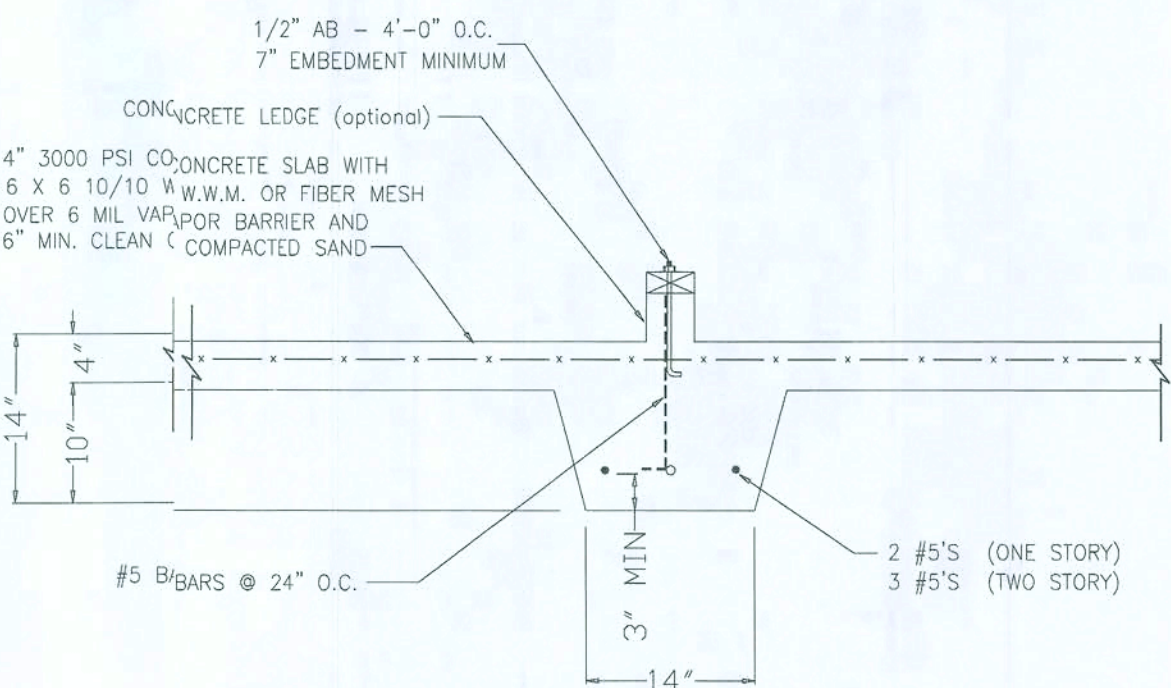
Install Anchor Bolts per Wind Load Specifications



6 Step-Down Detail
Scale: 3/4"=1'-0"

Note: Where used with concrete block, turn (2) #5 bars down and tie to longitudinal reinforcement in footing

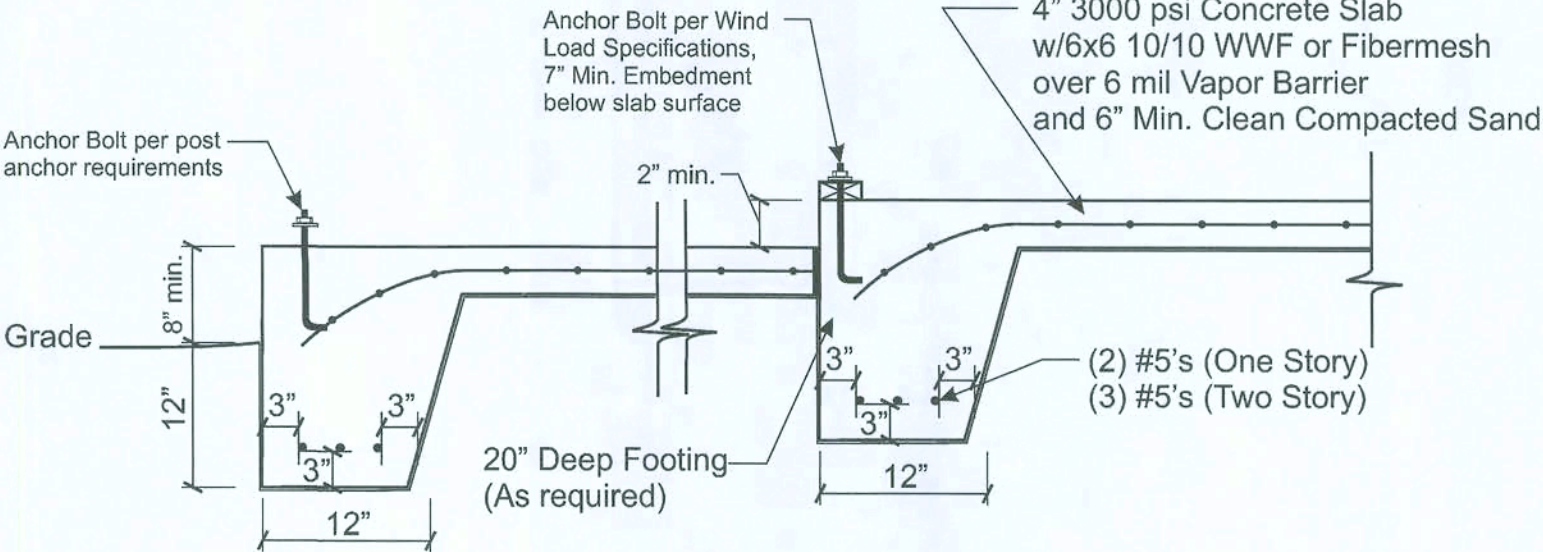
Install Anchor Bolts per Wind Load Specifications



7 Typical Interior Grade Beam With Optional Curb
Scale: 3/4"=1'-0"

Note: Where used with concrete block, turn (2) #5 bars down and tie to longitudinal reinforcement in footing

Install Anchor Bolts per Wind Load Specifications



8 Typical Exterior Grade Beam
Scale: 3/4"=1'-0"

STRUCTURAL ONLY
THOMAS E. BEITELMAN
LICENSE #51870

8-2-08

PROJECT: Pennyworth Homes - Hormaza Residence - Caboose Road

TITLE: Foundation Details

CLIENT: Pennyworth Homes, Inc.

SCALE: Varies

Revision By: Date: Description:

File Name: 08S-068.cdr

Designed: TEB

Drawn: TEB

Checked: TEB

Date: 8/27/08

Sound Structures Engineering, Inc.

Structural Engineering

William E. Douglas P.E., President

2467 Centerville Road, Tallahassee, FL 32308

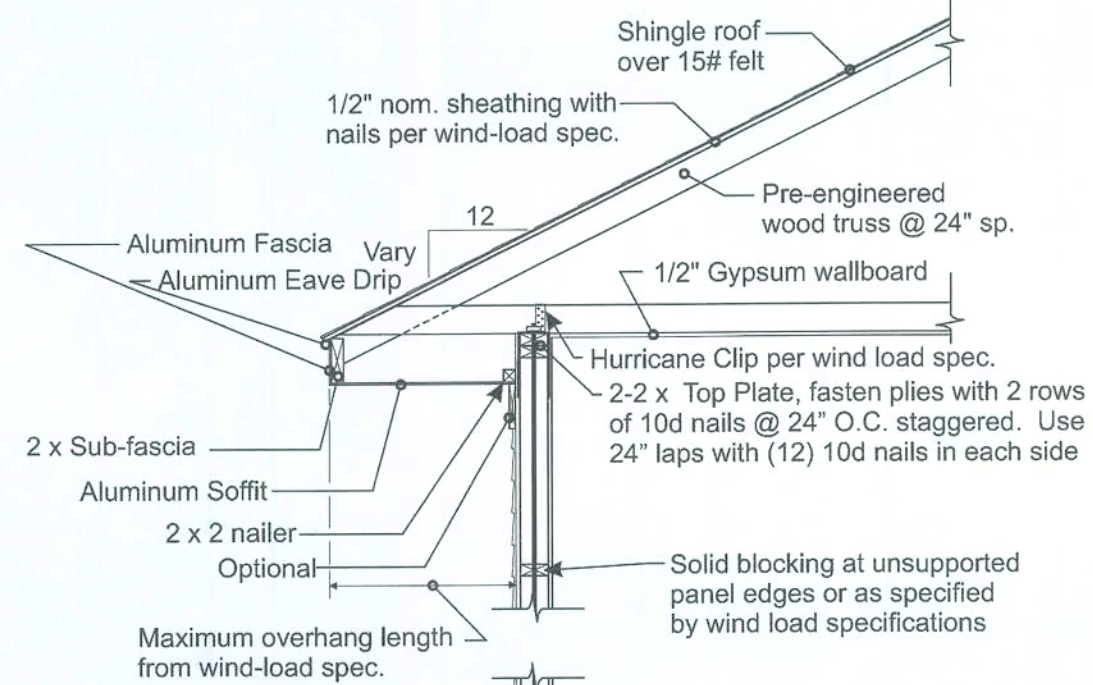
Phone: (850) 385-5288 Fax: (850) 386-7586

Sheet 53 of 4

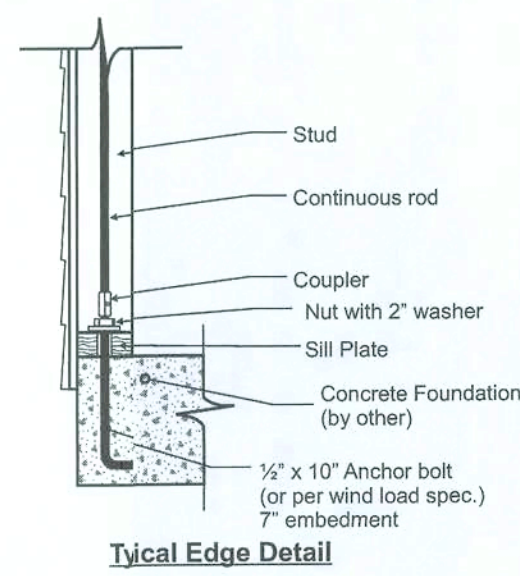
No. 08S-06E

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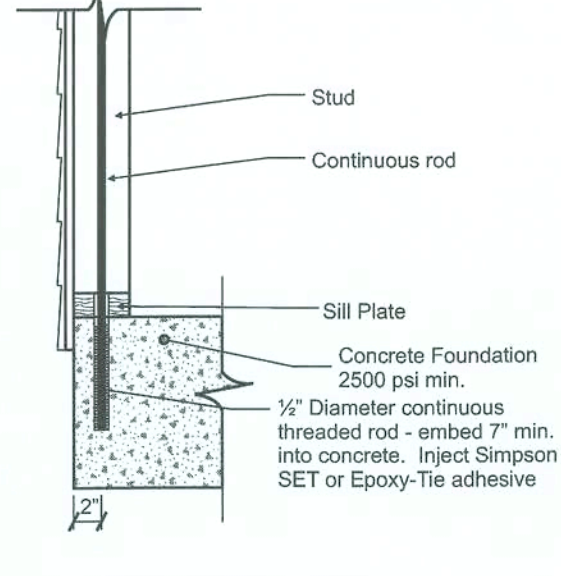
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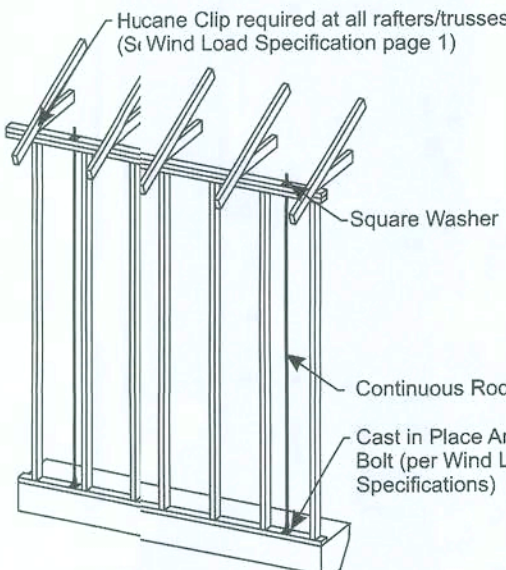
One Story Wall Section - For Walls With Continuous Threaded Rod
1/2" = 1'-0"



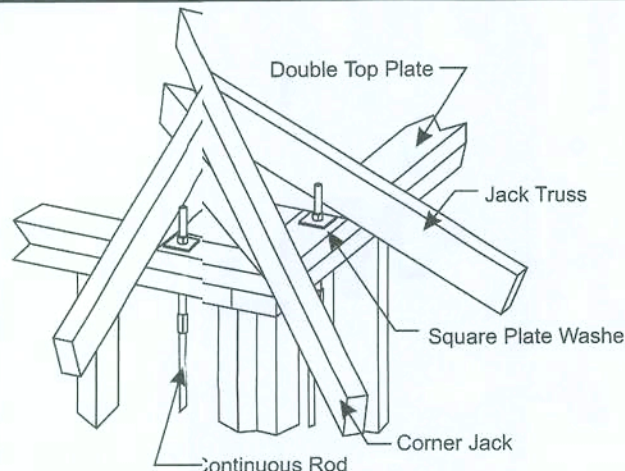
Typical Edge Detail



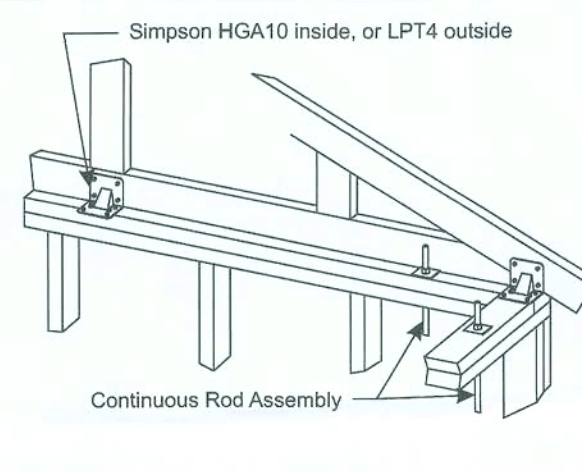
Alternate Edge Detail



One Story Exterior Wall Detail

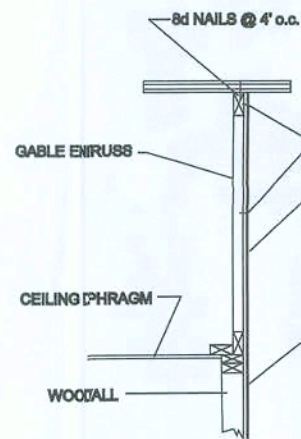


Typical Tie-Down Exterior/Corner Detail

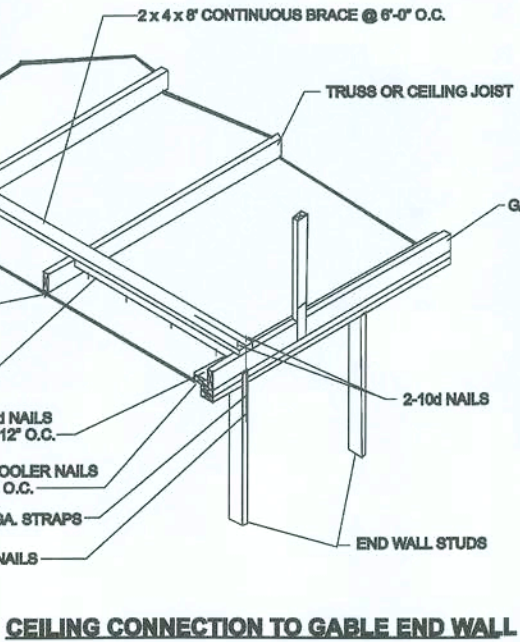


Typical Threaded Rod Installation Details

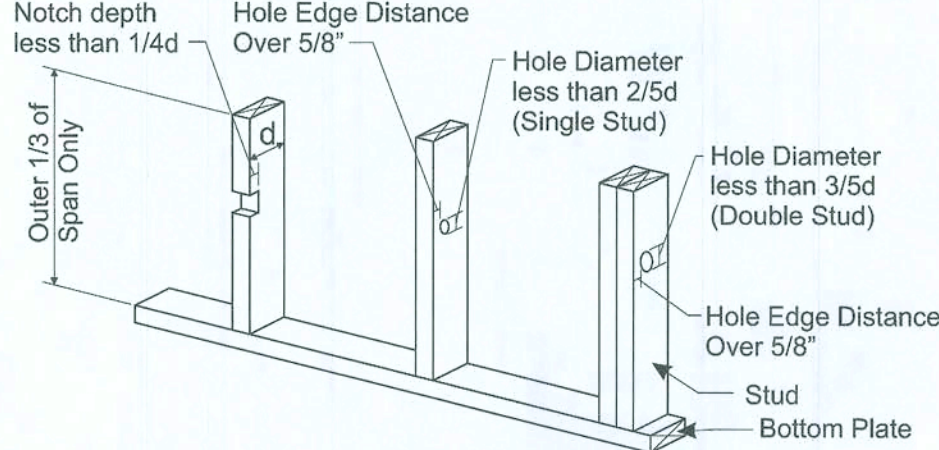
**At locations where openings exceed 48", follow threaded rod layout on sheet S2.



GABLE DETAILS

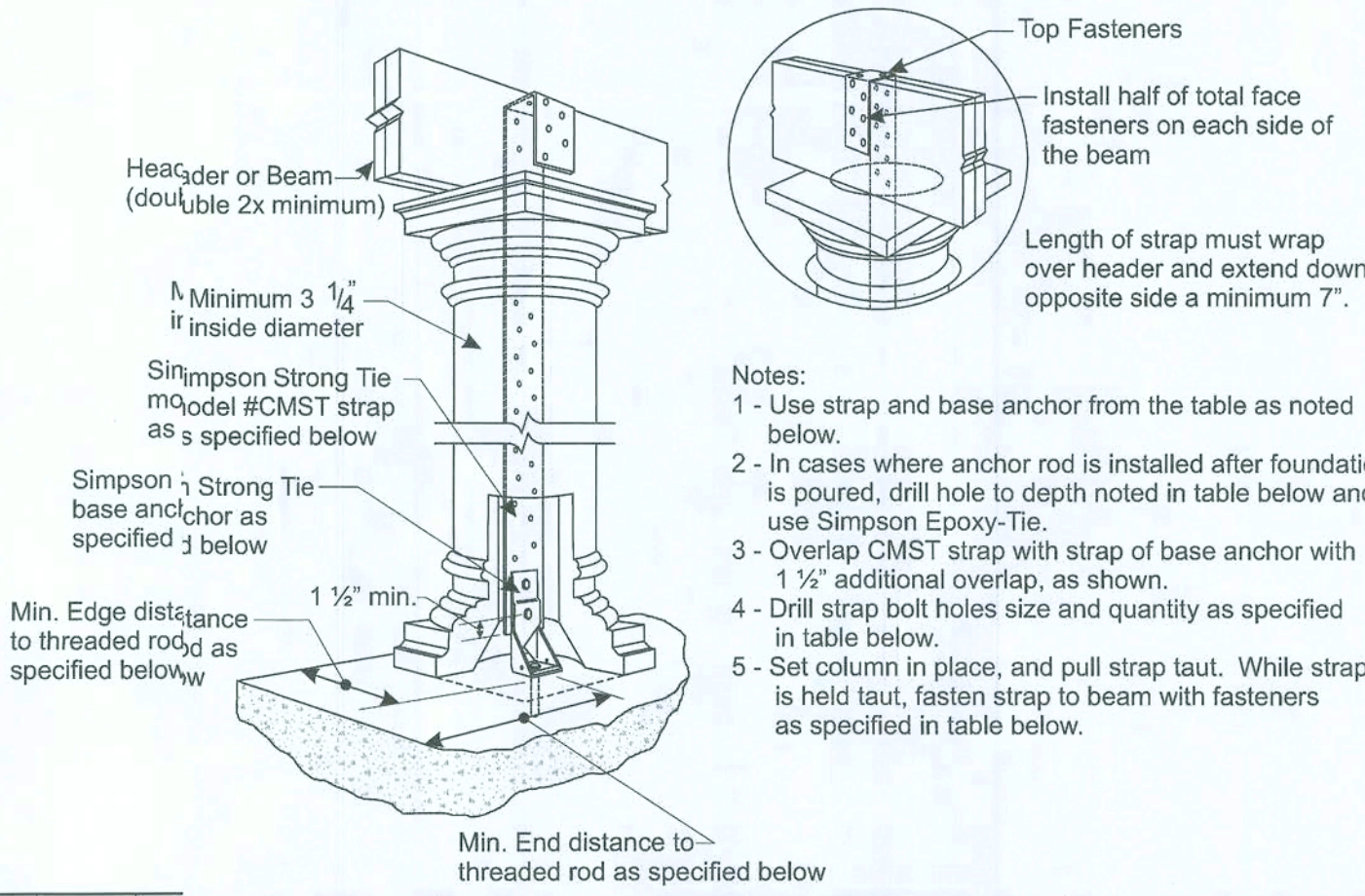


Ceiling Connection to Gable End Wall



Stud Notching and Boring Limits

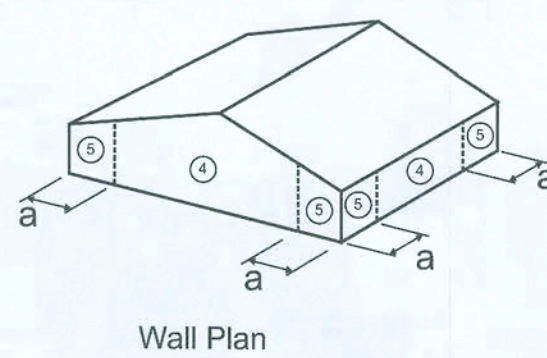
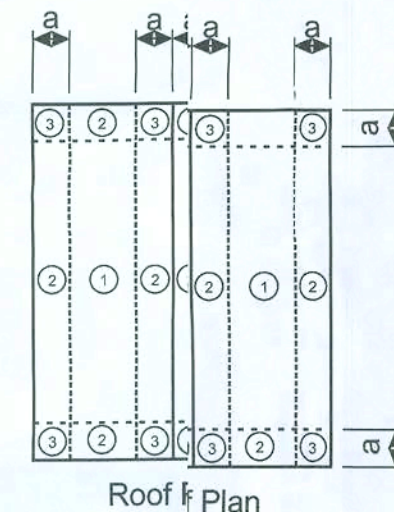
NTS



USE	Base Anchor Model No.	Base Anchor Dia. (in.)	Anchor Drill Bit Dia. (in.)	Min. Embed. (in.)	Min. Anchor Length (in.)	Min. End Dist. (in.)	Min. Edge Dist. (in.)	Strap Model No.	Strap Bolts Qty.	Drill Bit Dia. (in.)	Fasteners (Strap)	Uplift (Total)	Uplift (133 & 160)	
X	MTT28B	3/4	7/8	6 3/4	8 3/4	10 1/8	5	CMST14	4	7/8	9/16	8-10d 2-10d	1750	
	HD2A	5/8	3/4	5	7	7 1/2	4	CMST14	2	5/8	11/16	4-10d 2-10d	2775	
	HD2A	5/8	3/4	7/8	6 3/4	8 3/4	10 1/8	4	CMST14	2	3/4	13/16	8-10d 2-10d	3375
	HD2A	7/8	1	7 3/4	9 3/4	11 5/8	6	CMST14	3	7/8	15/16	8-10d 2-10d	3430	
	HD2A	7/8	1	7 3/4	9 3/4	11 5/8	6	CMST12	4	7/8	15/16	10-10d 2-10d	4865	
	HD10A	7/8	1	7 3/4	9 3/4	11 5/8	6	CMST12	4	7/8	15/16	10-10d 2-10d	4865	

Hollow Post Uplift Connection - Conventional Strapping

NTS



Zone	Area (ft ²)		
	10	100	500
1	-25.9	-21.5	-21.5
2 and 3	-30.3	-25.9	-25.9
1,2 and 3	23.7	21.5	21.5
2 and 3 (Overhang)	-47.9	-43.5	-43.5
4	-28.1	-24.1	-21.5
5	-34.7	-27.0	-21.5
4 and 5	25.9	22.0	19.3

Component and Cladding Design Pressures
(Worst Case Only)

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WIND ANALYSIS - 110 MPH, 3 Second Gust Wind Velocity

Calculations as per Section 1609, FBC 2004 with 2006 revisions, ASCE 7-02, or as per ASCE 7-02 (see instructions below)

Prepared By: Thomas E. Beitelman
Importance factor: 1 Building Category: II
Internal Pressure Coefficient: 0.18
Plans may be used as a master plan by the above contractor: Yes or (circle one) Initials: TEB

Mean Roof Height: 12.8 ft
Species for Top Plate: ☐ SPF or ☐ SYP
End Zone Length: 6.0 ft
Roof Slope: 6 : 12

Stud Spacing: 16" o.c.
Max. Overhang Length (excluding porches): 12"

HURRICANE CLIPS (HC)
Brand: Simpson Strong-Tie
Truss Span or Location: All Truss Locations
Model # @ End: 2 - H10
Model # @ Interior Zone: 1 - H2.5A

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

ROOF SHEATHING MATERIAL: 7/16" OSB Sheathing
Fastener: 8d Ring Shank
NAILING PATTERN: Edges (perimeter) 6" o.c. Field 6" o.c.

WALL BRACING: 7/16" OSB Sheathing
Fastener: 8d
NAILING PATTERN: Edges (perimeter) 6" o.c. Field 12" o.c.

Wind Load Analysis Results

First Story Level

Wall Number	Length (ft)	Unit Shear (plf)	Capacity (lbs)	Actual Load (lbs)	% Used	Location
Longitudinal Walls						
1	50.0	75.1	14910.0	3753.0	25.2	Exterior
2	7.0	87.6	2087.4	613.3	29.4	Exterior
3	21.0	92.5	6262.2	1942.8	31.0	Exterior
Transverse Walls						
4	19.0	252.3	5665.8	4792.9	84.6	Exterior
5	21.3	250.7	6361.6	5347.4	84.1	Exterior

Wall Bracing Panel Specifications:

Outside Face	Panel Code:	Shear Walls
	Stud Spacing Exterior Panel Grade Minimum Panel Thickness (inch) Minimum Nail Penetration in Framing (inch) Nail Type Edge Nail Spacing Intermediate Nail Spacing	16" O.C. OSB Sheathing 7/16 1/2 8d common 6" 12"
Inside Face	Interior Panel Grade Thickness of Material Wall Construction Nail Spacing - Edge Nail Spacing - Intermediate Minimum Nail Size Total Panel Shear Capacity	Gypsum Wallboard 1/2" Unblocked 7" O.C. 12" O.C. 5d cooler or wallboard 298.2 plf

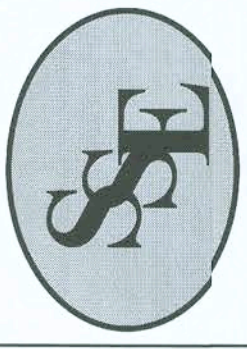
General Notes: PLEASE READ!

- Roof sheathing will be a minimum of 7/16" in thickness with a nailing pattern specified above.
- Exterior wall sheathing will be a minimum of 7/16" in thickness with the nailing pattern specified above, and locations referenced from the attached sheets.
- All exterior load-bearing and shear walls will have a stud spacing specified at 16" O.C. except as noted below.
- All load bearing and shear walls will be framed with 2 x 4 No. 2 grade SPF studs or better.
- Alternative hurricane clips are acceptable, provided they meet the minimum specification for those specified on page 1.
- Bearing wall and shear wall door and window headers are to be 2-2 x 10 SYP with 1/2" CDX fletch for lengths under 6 ft unless otherwise specified on plans..
- Simpson Strong Tie HH4 Header Hanger or equivalent should be provided on bearing wall and shear wall door and window openings over 6 ft.
- Simpson Strong Tie model #HD5A hold downs are acceptable alternatives to the specified PHD2-SPS3.
- 4" x 4" Posts will require Simpson Strong Tie Post Bases model #ABU44 or better and double LSTA18 straps on each beam at top.
- Place additional threaded rod anchors within 12" of ends of sill plates, but not closer than 3 1/2" from end of plate.

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LICENSE #51870

8-21-08

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Phone: (850) 385-5288 Fax: (850) 386-1586

PROJECT: Pennyworth Homes - Hormaza Residence - Caboose Road

TITLE: Structural Details and Wind Load SCALE: Varies CLIENT: Pennyworth Homes, Inc.

Revision By:	Date:	Description:
TEB	8/11/08	Response to comments

Sheet	S4 of 4
No.	08S-068