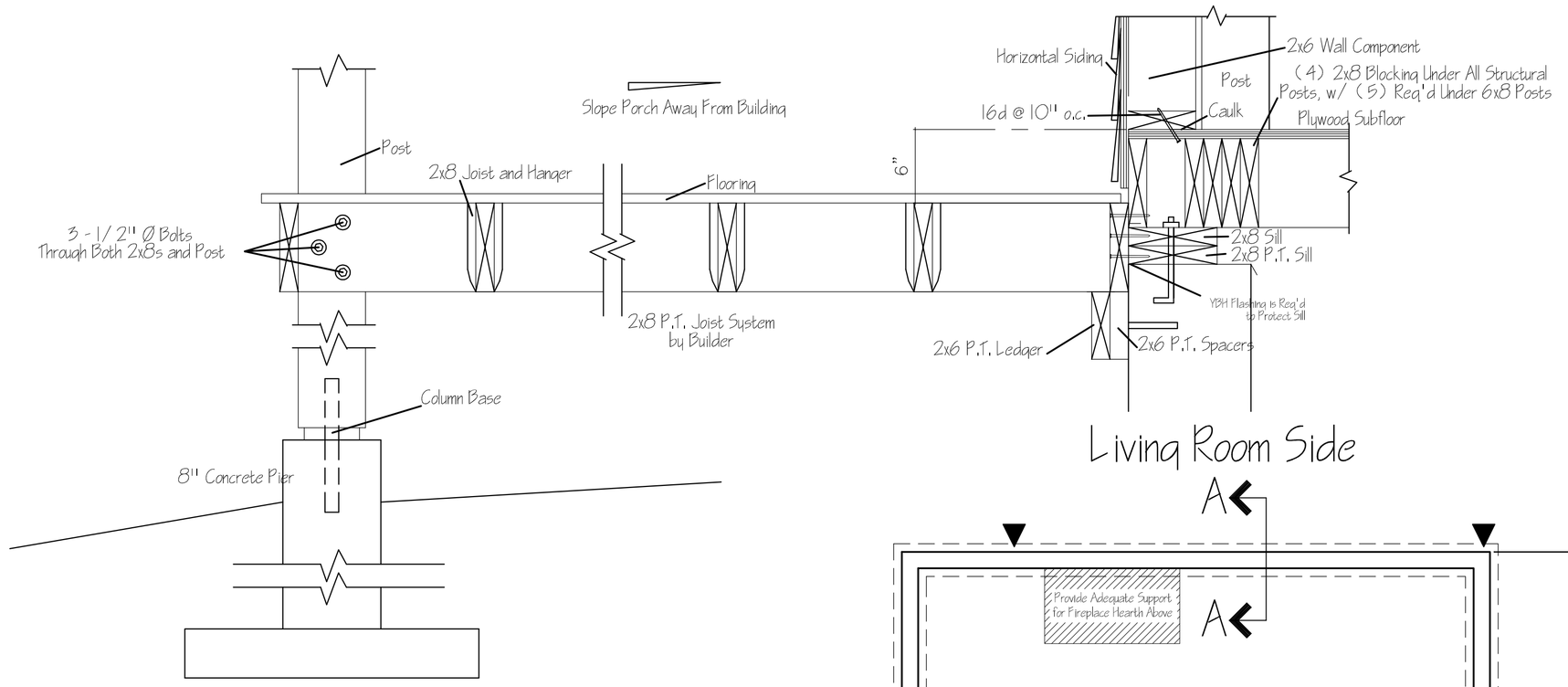
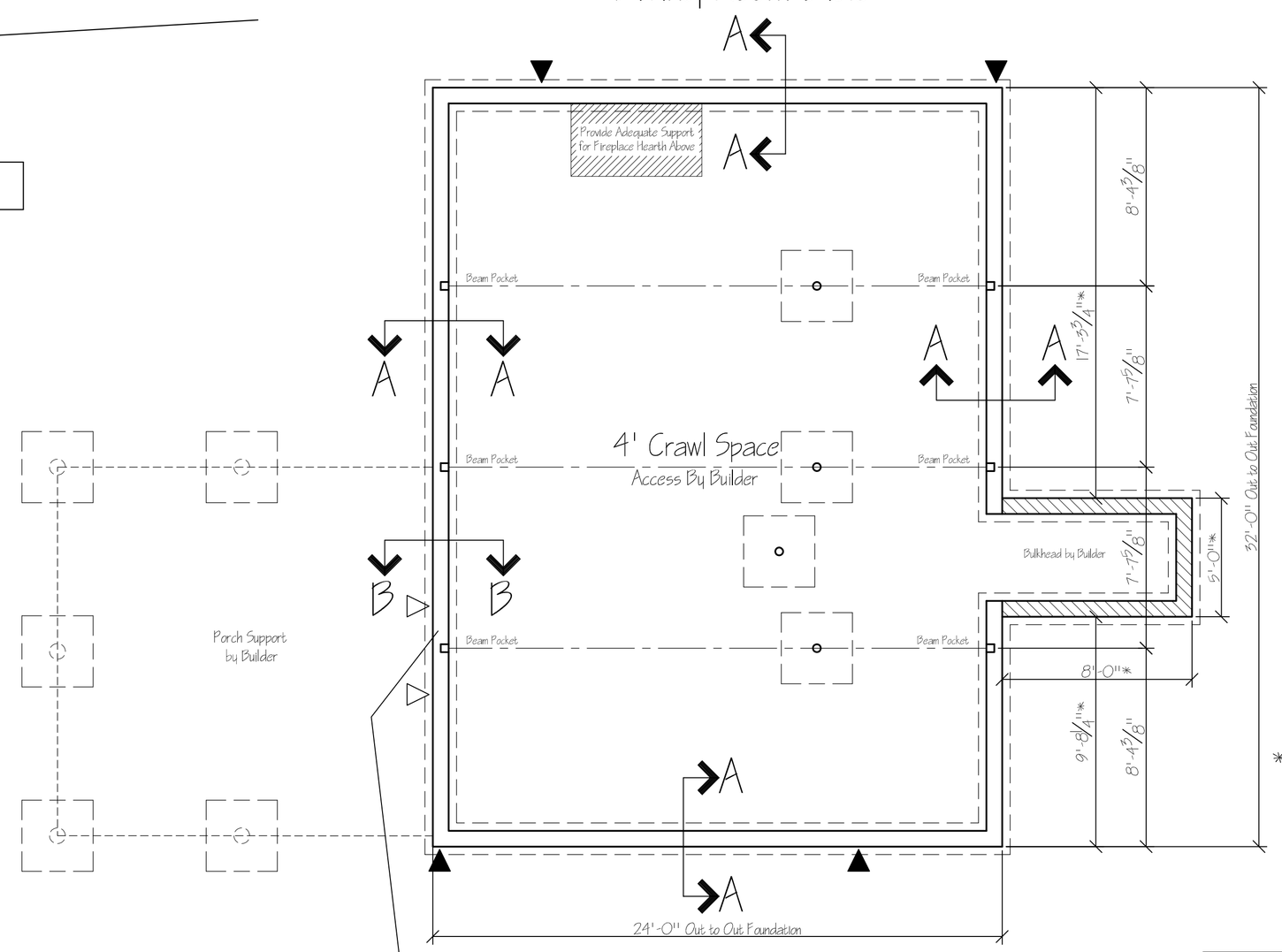
For Permitting Only
Not For Construction



Section A-A
Scale: 1 1/2" = 1'-0"

Living Room Side

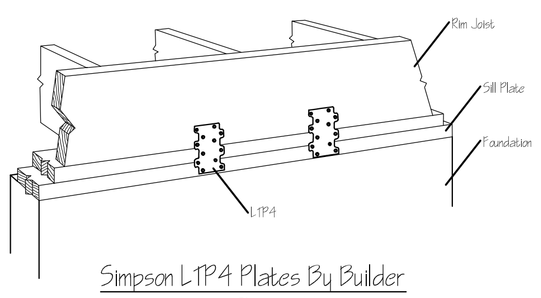


Porch End

* = Actual Dims Are Determined By Builder

Level Sill Thoroughly and Shim Permanently and Adequately With Special Care Taken at Post Bearing Points!

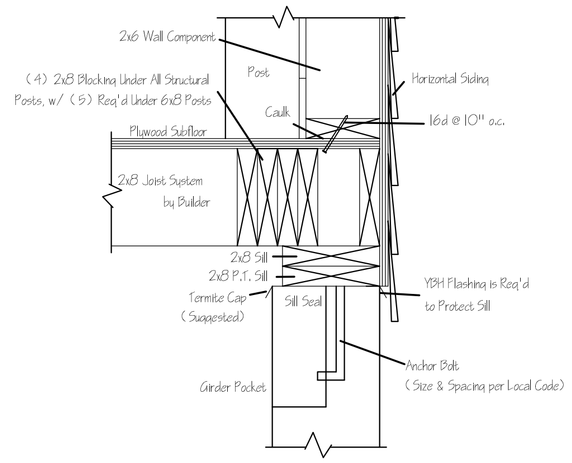
Kitchen Side



Simpson LTP4 Plates By Builder
Under Shear Wall
Not To Scale
Placed @ 12" o.c.

Wall Thickness Chart			
Concrete or Block Minimum Size			
Max Wall Height	Unbalanced Fill Depth	Wall Thickness	
		Concrete 3000 psi	Block*
8'	7'	8"	12"
8'	8'	10"	10" Solid
9'	7'	8"	12"
9'	8'	10"	10" Solid
9'	9'	10"	Reinforced

* Solid Fill Under All Structural Posts
Steps Placed on 6in/12" Soils
Other Soils Require Larger Sizes, Reinforcing, or Engineered Footer
See IRC Table R404.1.1.1 for Other Information
All Concrete Exposed to the Weather Shall be Air Entrained.

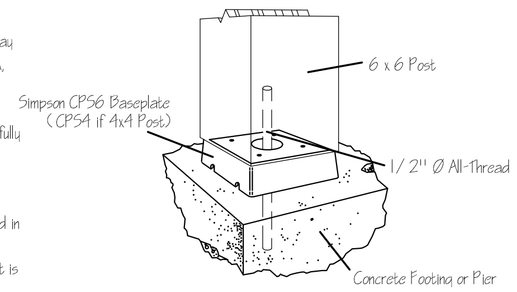


Section A-A
Scale: 1 1/2" = 1'-0"

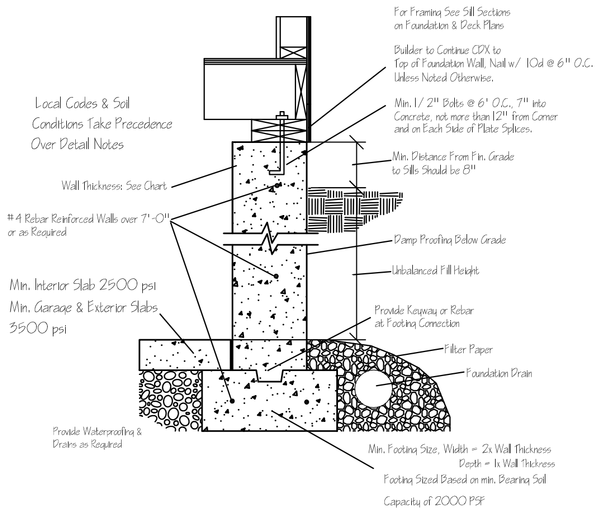
Stair End

Installation Procedure:
- Drill 10" deep 5/8" hole into bottom of post and 5" deep 5/8" hole into concrete
- Nail CPS plate to bottom of post
- Fill holes in concrete and post half way with anchoring epoxy/ adhesive (SIKA, Simpson)
- Insert all-thread into concrete, and slide on post / CPS base. Allow to fully cure.

Note: Anchor bolt with minimum 7" embedment into concrete may be used in place of the all-thread. 10" of embedment into the bottom of the post is still required.



Post Hold Downs
By Builder



Typical Foundation Section

Foundation Notes:

1 - Foundation Section Dimensioning and, or Footings are Subject to Soil, Codes, etc.

2 - Column Footing Sizes are Based on a Minimum Soil Bearing Capacity of 2,000 psf. Actual Soil Conditions Should be Determined Prior to Setting Forms.

3 - Provide Anchor Bolts (Sized & Spaced per Local Codes).

4 - Girder Pocket Sizes are Based on a Dropped Girder. For additional headroom raise girder & hang joists.

5 - Location and Quantity of Basement Windows, Bulkheads, Egress Openings, Crawl Space Access and Vents to be per Minimums in Local Building Codes or as Required by Owner and Builder.

6 - Solid Posting Required Under all Structural Posts (See Drawing MK-05062-3x for Locations).

7 - To Insure Correct Panel & Siding Fit, The Builder Must Notify Yankee Barn Immediately Of Any Foundation Elevation Changes Or If The Floor Joist System Changes Compared To These Plans And Details.

8 - Maintain 7'-0 From Finished Slab To Bottom Of Girder In Basements With Living Space.

9 - Girders - LVL's 2.0E 2850 Fb grade: (LVL's Can be Replaced with the same sized 2.0E Paralam.) Fasteners per Manufacture's Installation Instructions, but no less than: 3-16d nails @ 12 O.C. on 3 ply, 2-12" Bolts & Washers @ 12" O.C. on 4 Ply or Larger LVL, B.U. Girders should be a Minimum of #1 & #2 SPF, HF, SP or better unless noted. Fasten with 3-16d @ 12" O.C. each piece, Detailing of all steel by builder.
Ends of all Girders must be laterally supported. Solid block @ beam pockets, and use Simpson VB7 strap knee brace w/ N54B nails or equivalent where girder ends are not braced.

▭ Full Height Foundation Walls

▨ Walls End Below Top of Foundation Per Bulkhead Design

⊙ = Footing w/ 4" Concrete Filled Lally Column.

▲ = Simpson STHD14J Hold-downs Installed in Foundation By Builder

△ = Simpson HHD011 Hold-downs By YBH w/ 1" Anchor Bolt Installed in Foundation By Builder

© Copyright 2005 by Yankee Barn Homes, Inc. All rights reserved.

These drawings, the materials contained in them, and the design they are intended to convey are the exclusive property of Yankee Barn Homes, Inc. They have been delivered subject to a written license agreement that limits possession and use of these drawings for the personal use of the individuals named on these drawings, solely in connection with planning or completing the sale and construction of the depicted structure using materials sold by Yankee Barn Homes, Inc. Such agreement expressly prohibits the use of these drawings, materials and design by any builder, architect, contractor or other person for any other purpose. The individuals named have expressly agreed to comply with those restrictions. Any use, reproduction of, or disclosure of the design concept or any other information in whole or in part contained herein without the express written permission of Yankee Barn Homes, Inc. is expressly prohibited. Violators of this copyright will be subject to the full damages or remedies allowed by law, including liquidated damages payable pursuant to the license agreement under which these drawings have been produced.

REV.	DESCRIPTION & REASON	DATE	BY

Yankee Barn Homes™

Custom Licensed Design For:
Ryan & Cathy Rickarby

Design Series: Custom Hampton

Detail Reference: Construction Guide

Property of: YANKEE BARN HOMES, INC., Grantham, N.H.

Description: Foundation Plan

scale 1/4"=1'-0" | drawn AM 6/8/05

drawing # MH-05062-3