

# 1 FOUNDATION PLAN

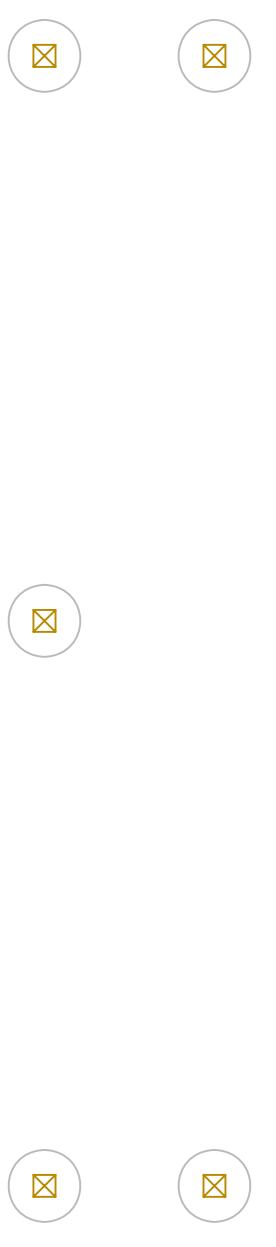
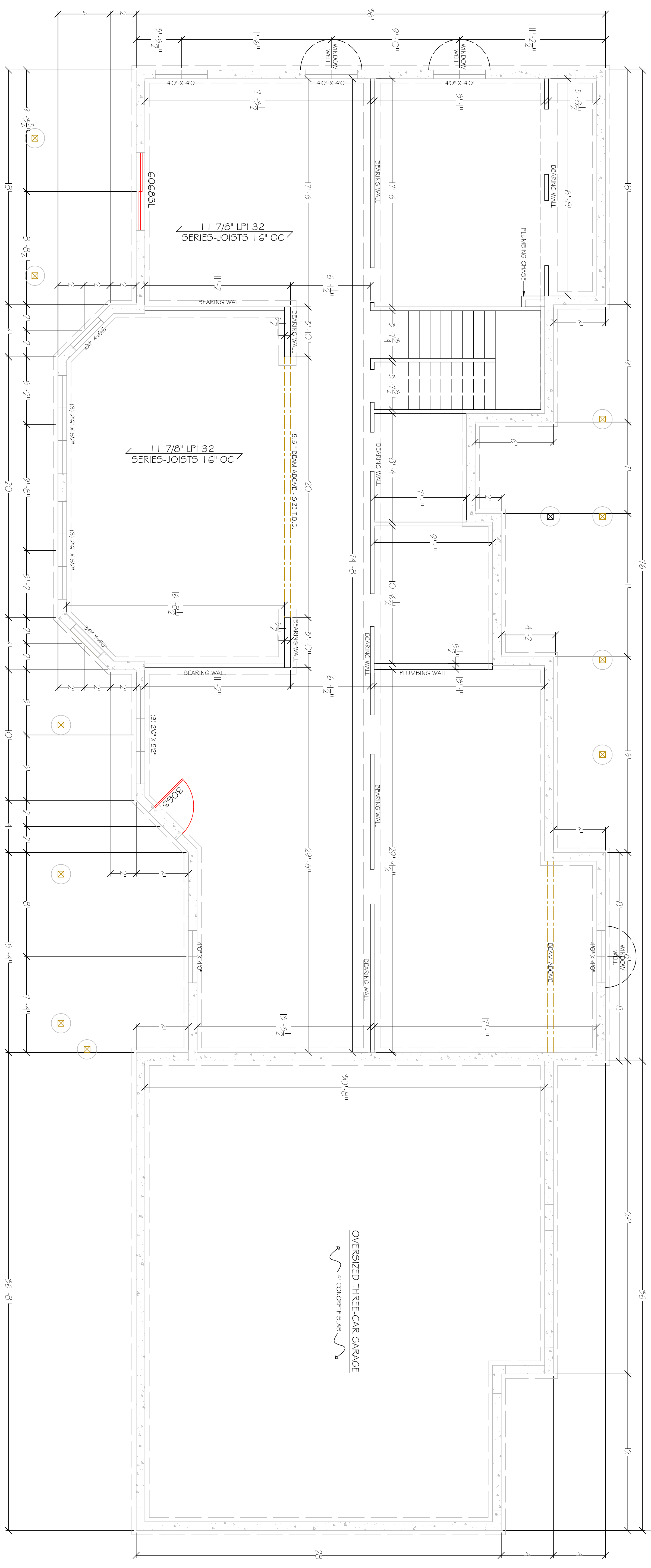
5.100 SCALE: 1/4" = 1'-0"

## GENERAL NOTES

1. THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE SITE, AND NOTIFY THE OWNER AND BLUEFEATHER DESIGN/BUILD OF ANY DISCREPANCY.
2. ALL WORKMANSHIP AND BUILDING MATERIALS SHALL CONFORM TO THE CURRENT LOCAL AND INTERNATIONAL BUILDING CODES THAT APPLY.
3. ALL PLUMBING, MECHANICAL, AND ELECTRICAL WORK MUST BE DONE BY LICENSED CONTRACTORS.

## FOUNDATION NOTES

1. CONCRETE MIX SHALL HAVE A MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS.
2. FOOTINGS SHALL BE 8" THICK BY 16" WIDE. FOOTING DESIGN BASED ON SOIL BEARING PRESSURE OF 2000 PSF. CONTRACTOR MUST INCREASE FOOTING SIZE IF THE MINIMUM S.B.P. IS NOT MET.
3. ALL HOUSE FOUNDATION WALLS ARE 8" THICK
4. REINFORCING STEEL ASTM A615, GRADE 40
5. DESIGN LOADS ARE:  
ROOF DEAD LOAD - 15 PSF  
SNOW LOAD - 50 PSF  
FLOOR LIVE LOAD - 40 PSF  
FLOOR DEAD LOAD - 15 PSF
6. TYPICAL 8" FOUNDATION WALLS, 8" TALL (#4 VERTICAL BARS AT 48" O.C., #5 HORIZONTAL BARS ON TOP AND BOTTOM OF WALL)
7. TYPICAL 8" X 16" FOOTING, #4 HORIZONTAL BARS WITH 2" TALL #4 VERTICAL DOWELS 2' O.C.
8. FURNACE AND WATER HEATER TO BE VENTED TO CODE



Date:	Drawn By:
4/26/2008	Seth Carson
Date Revised:	Drawn By:
4/26/2008	Seth Carson
Final Date:	Drawn By:
	Seth Carson
Print Date:	Drawn By:



## Kaltenbach House Project



**BLUEFEATHER**  
Design/Build  
Associates, LLC

1000 Lakeside  
P.O. Box 413  
Laramie, WY 82073  
Phone: 307-760-5998  
Email: scaron@bluefeatherdesignbuild.com

Copyright 2008  
Bluefeather Design/Build Associates  
All Rights Reserved  
www.bluefeatherdesignbuild.com

5.100