

1 FOUNDATION PLAN

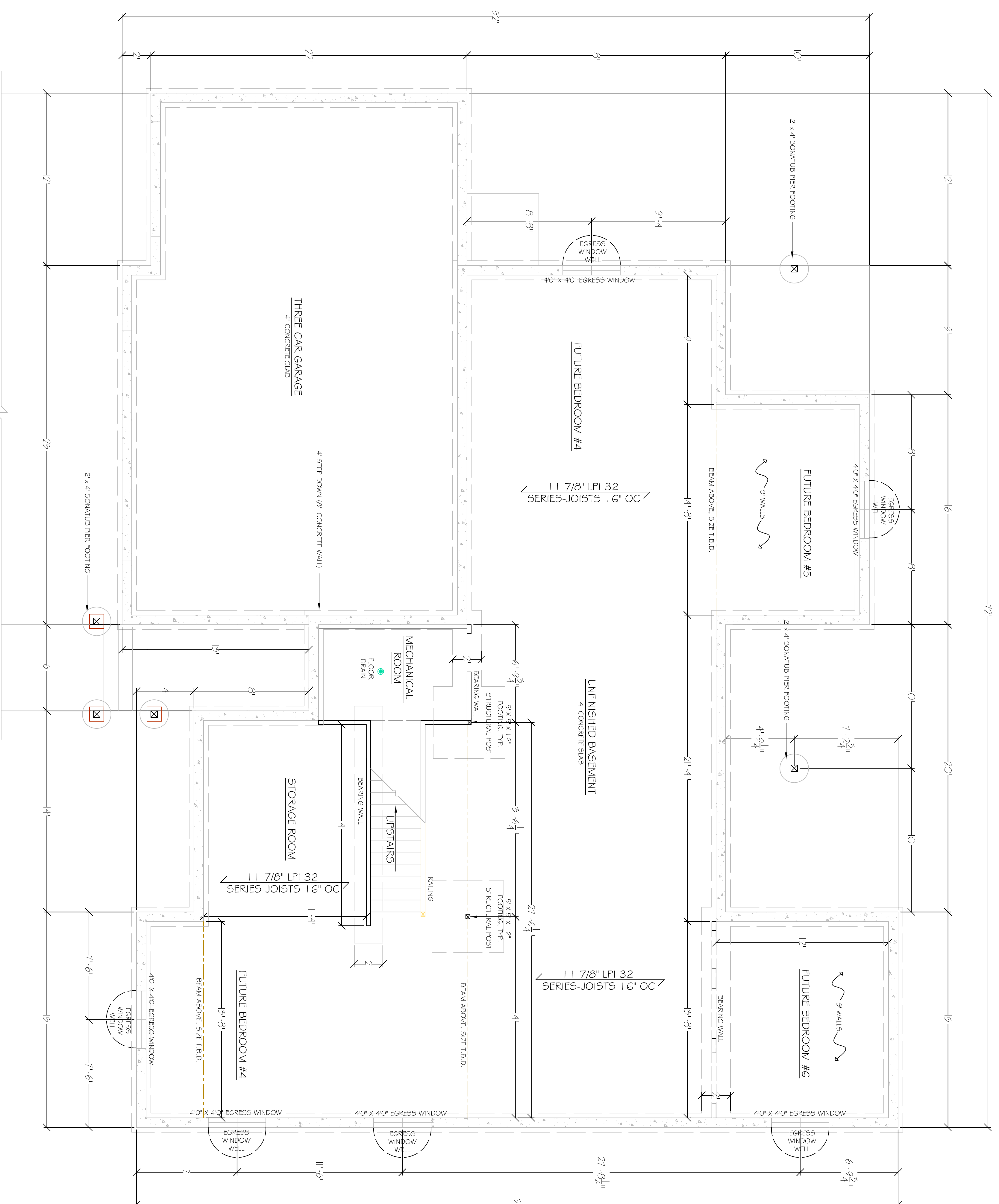
SCALE: 1/4" = 1'-0"

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 PSF AT 28 DAYS.
2. FOOTINGS SHALL BE 8" THICK BY 1.5' WIDE. FOOTING DESIGN BASED ON SOIL BEARING CAPACITY OF 2000 PSF. CONTRACTOR MUST INCREASE FOOTING SIZE IF THE MINIMUM S.B.F. 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 DEAD LOAD - 50 PSF
FLOOR LIVE LOAD - 40 PSF
FLOOR DEAD LOAD - 15 PSF
6. TYPICAL 8' FOUNDATION WALLS: 4 # 8 TALL (#4 VERTICAL BARS AT 48" O.C., #5 HORIZONTAL BARS ON TOP AND BOTTOM OF WALL)
7. TYPICAL 8'X1.6' FOOTING: 2#4 HORIZONTAL BARS WITH 2" TALL #4 VERTICAL DOWELS 2' OC.
8. FURNACE AND WATER HEATER TO BE VENTED TO CODE



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Jacobson House Project



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S. 100