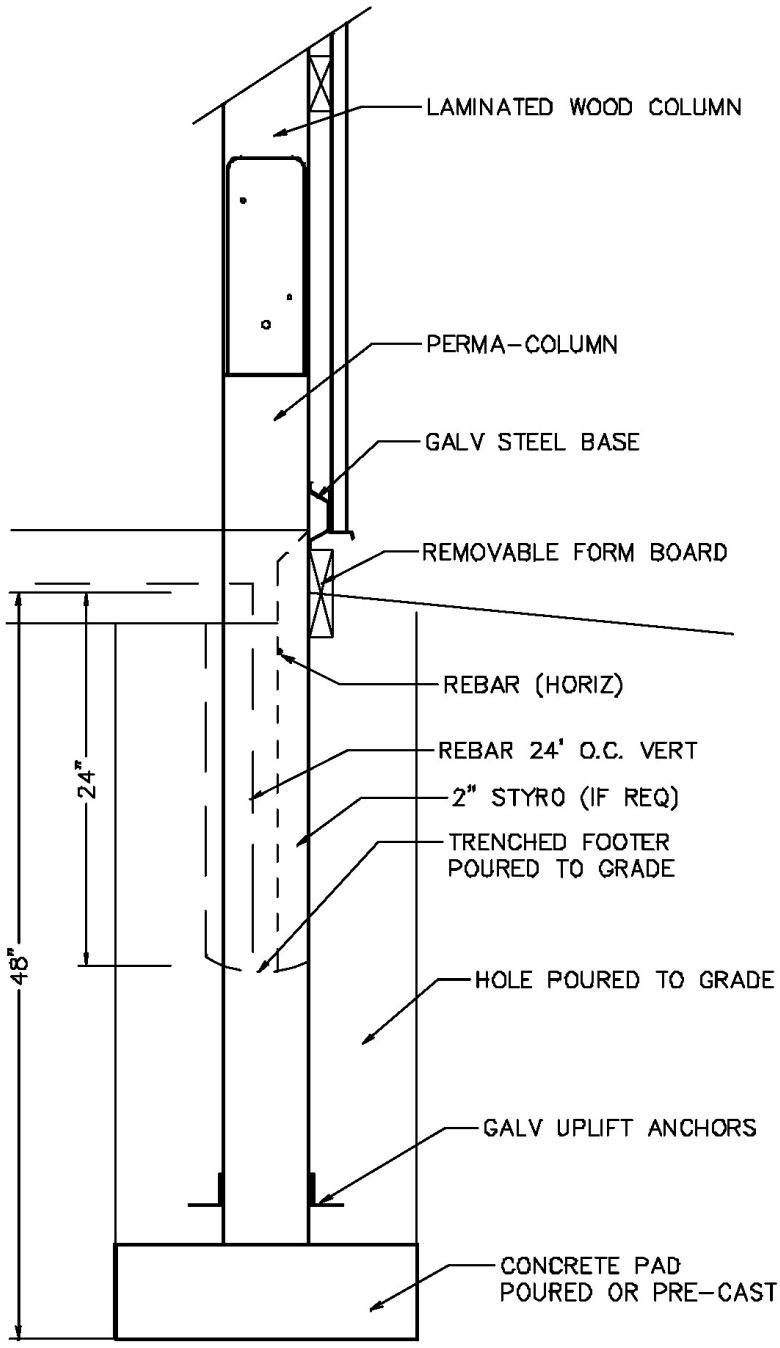
Here is an illustration using Perma-Columns and an insulated "ribbon" extending down 2':

Meet Continuous Foundation Requirements using PERMA-COLUMNS

11-12-07



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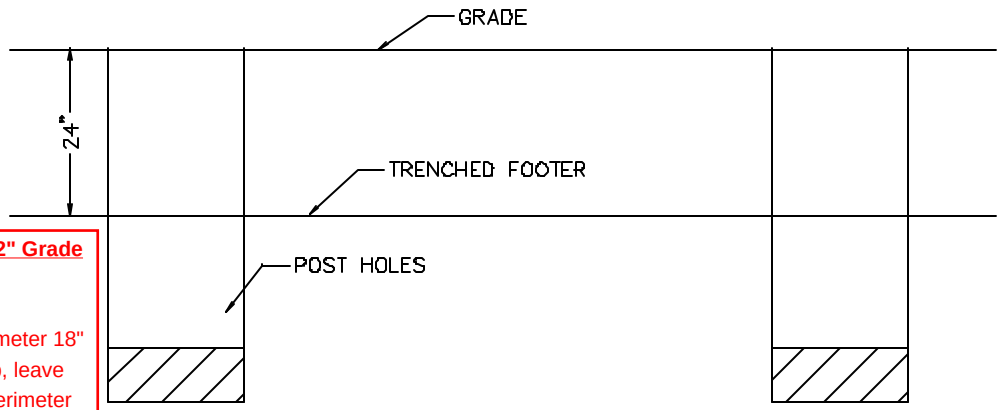
11-12-07



STEP #1
- DIG POST HOLE
- INSTALL CONCRETE PADS
- TRENCH BUILDING PERIMETER
- RE-CLEAN POST HOLES

Options for 12" Grade Beam

Option A:

-Backhoe perimeter 18" wide, 12" deep, leave auger within perimeter

-Install 2" styro insulation 12" wide on bottom of trench.

-Brace 2" styro vertically, bottom butted to styro at bottom of trench

-Push 12" of fill back into trench on top of styro at bottom of trench

-Auger post holes, install concrete pads and go to step #2

Option B:

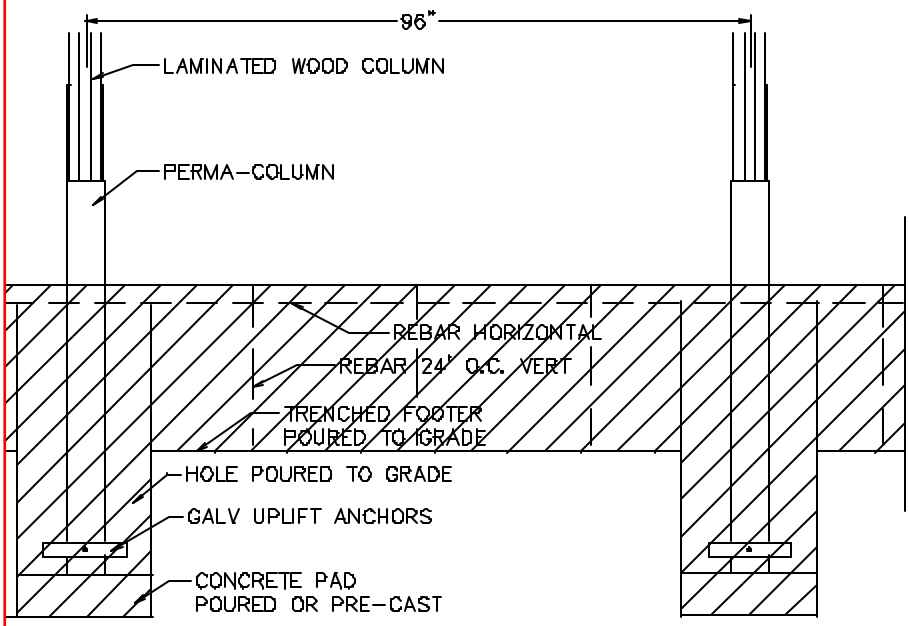
-Auger post holes

-Trench perimeter 8" wide, 24" deep

-Install 2" styro insulation around perimeter

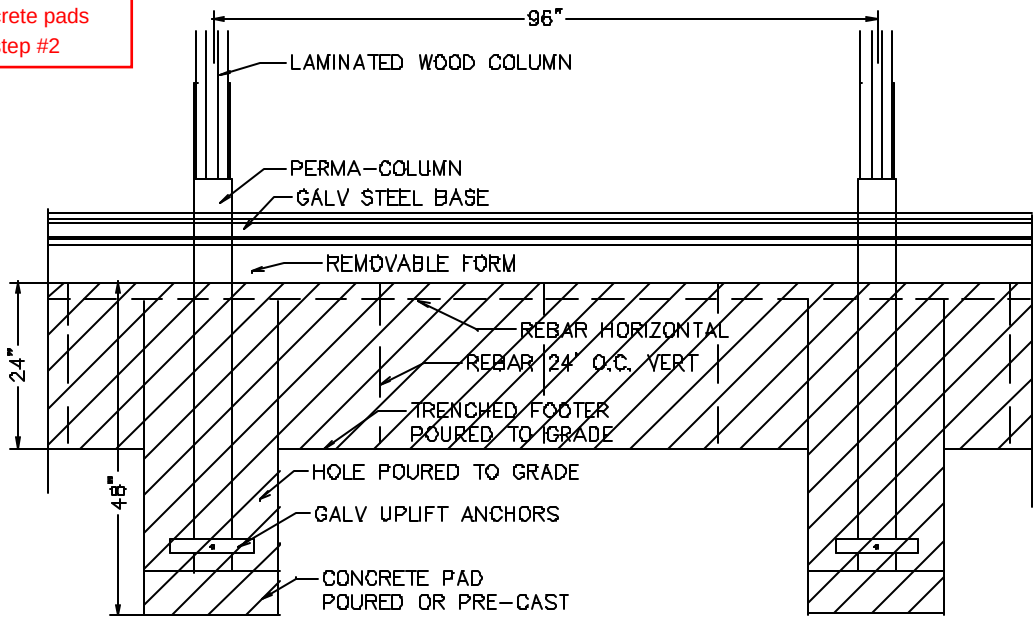
-Push 12" of fill back in trench to hold up insulation

-Re-clean post holes, install concrete pads and go to step #2



STEP #2
- SET & BRACE PERMA-COLUMNS
- SET VERTICAL REBAR
- TIE HORIZONTAL REBAR (LOOP AROUND COLUMNS)
- PLACE 2" STYRO (IF REQUIRED)
- POUR POST HOLES & TRENCHED FOOTER TO GRADE
- PLACE HORIZ REBAR

Insulated Grade Beam may or may not be looped around or otherwise tied to Perma-Columns as desired - Insulation prevents frost heave of the Grade Beam.



STEP #3
- FRAME & BRACE BUILDING
- INSTALL TRUSSES & ROOFING
- INSTALL GALV STEEL BASE
- INSTALL REMOVABLE FORM BOARD
- POUR CONCRETE FLOOR (PROTECTED FROM THE ELEMENTS)

Photo illustration of the least expensive of all continuous concrete foundation options using Perma-Columns:

Less concrete is used, costing less and using fewer resources.

Perma-Columns offer the most economical, efficient and eco-friendly of ALL concrete foundation options.