

Structural Design
4883 W Old Highway Rd, Morgan, UT
(801) 876-3501

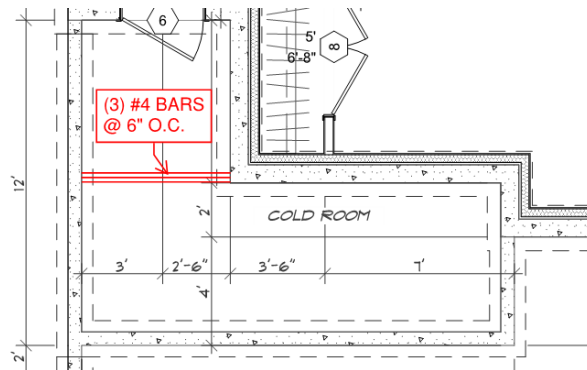
Date: 21 September 2018

Fall Creek Homes
Attn: Bryson Higley

Subject: Porch Cap Construction, Fairway Estates 21, Block 11, Lot 19

The purpose of this letter is to provide specification to the construction of porch caps. This design is adequate for porch caps supporting up to 40lb/ft^2 and spanning up to $10'0''$. Extend #4 x $18''$ bars @ $16''$ o.c. out of the foundation wall, bend bars into slab and tie a #4 bar grid @ $16''$ o.c. each way. Pour a $6''$ concrete slab directly on top of the concrete foundation. Ensure bars are between $1\frac{1}{2}$ - $3''$ from bottom of slab. Support of the concrete during curing is up to the builder's discretion. The method of supporting the wet concrete during curing does not affect the strength of the end slab provided it's installed as outlined above. See detail on attachment 1.

Due to a span greater than $10'0''$ on Fairway Estates 21, please provide an additional (3) #4 Bars @ $6''$ O.C. in the porch cap as shown below.

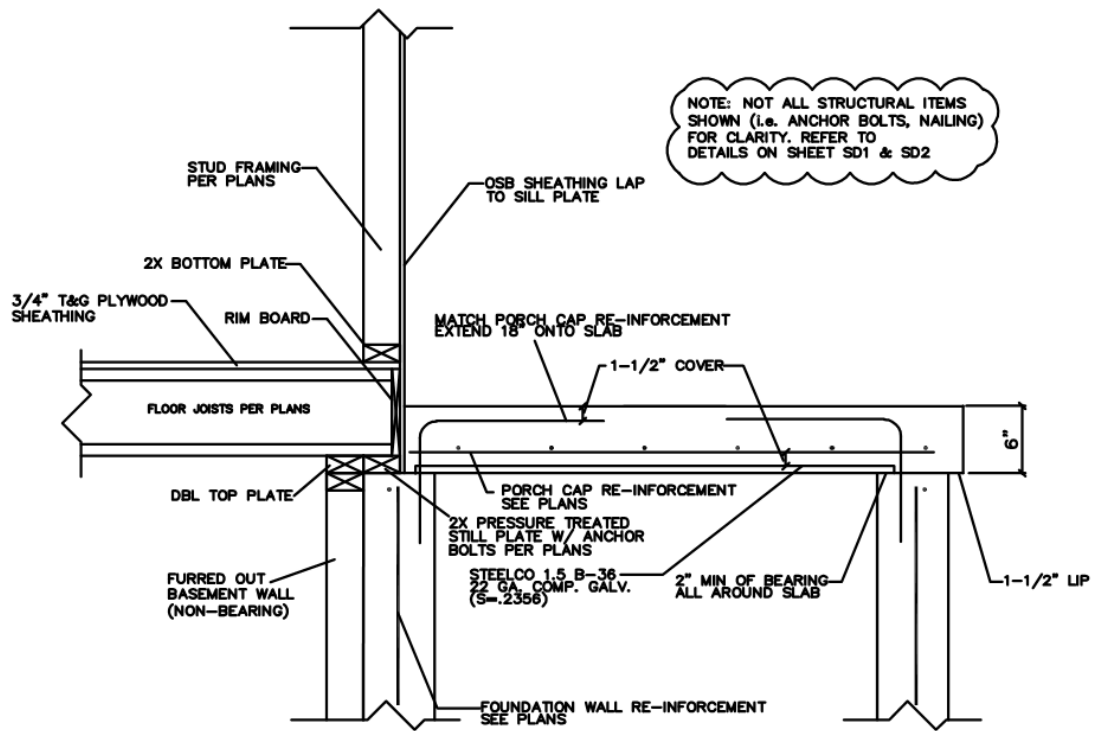


Please feel free to call with any questions or Concerns.

Respectfully Yours;
York Engineering Inc.

Kelby M. York, P.E.





Porch Cap Detail