



June 24, 2021

Summit Homes  
120 SE 30<sup>th</sup> St.  
Lee's Summit, MO 64082

**RE: Field Issue of non-continuous deck post for Lot #33 Hawthorne Ridge – 1504 Sugar Tree Lee's Summit, MO 64082 – Permit # PPRS20203754**

This letter addresses the non-continuous posts for deck and patio covering for Lot # 33 Hawthorne Ridge.

**The revision shall be as follows:**

- Install (2) 16-ga. ST12 Simpson galvanized straps per post per manufacturer's specifications on both posts for deck and patio covering.
- Install with (10) .162 x 2-1/2 nails or approved Simpson SD screws per manufacturer's specs.
- Straps shall be centered over post cut and installed on opposite sides of post.

Many of these products are approved for installation with Strong-Drive® SD Connector screws.

Model No.	Ga.	Dimensions (in.)		Fasteners (Total) (in.)	Allowable Tension Loads (DF/SP)	Allowable Tension Loads (SPF/HF)
		W	L		(160)	(160)
ST2115	20	¾	16 ½	(10) 0.162 x 2 ½	660	660
ST9	16	1 ¼	9	(8) 0.162 x 2 ½	885	765
ST12		1 ¼	11 ½	(10) 0.162 x 2 ½	1,105	955
ST18		1 ¼	17 ¾	(14) 0.162 x 2 ½	1,420	1,335
ST22		1 ¼	21 ½	(18) 0.162 x 2 ½	1,420	1,420
ST292	20	2 ½	9 ½	(12) 0.162 x 2 ½	1,260	1,120
ST2122		2 ½	12 ¾	(16) 0.162 x 2 ½	1,530	1,510
ST2215		2 ½	16 ½	(20) 0.162 x 2 ½	1,875	1,875
ST6215	16	2 ½	16 ½	(20) 0.162 x 2 ½	2,090	1,910
ST6224		2 ½	23 ¾	(28) 0.162 x 2 ½	2,535	2,535
ST6236	14	2 ½	33 ¾	(40) 0.162 x 2 ½	3,845	3,845

1. See General Notes for Straps and Ties.

2. Fasteners: Nail dimensions in the table are listed diameter by length. For additional information, see Fastener Types and Sizes Specified for Simpson Strong-Tie Connectors.

Sincerely,

Bradley Huxol, PE

