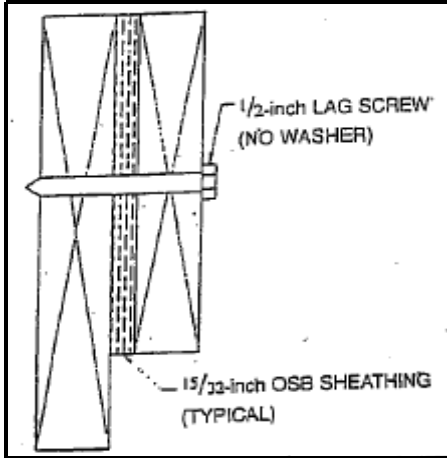
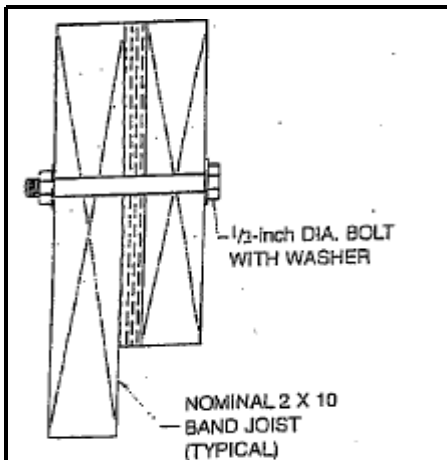


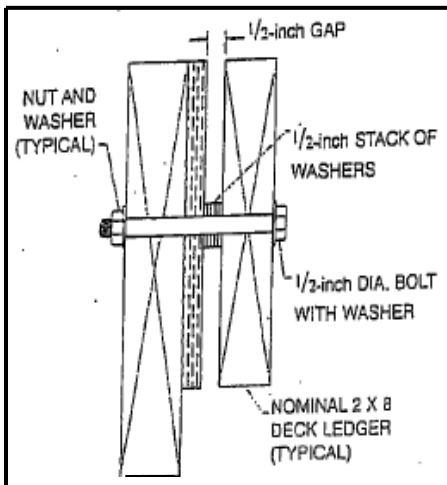
RESIDENTIAL DECK LEDGER CONNECTION



Configuration 1
 (SP-1, HF-1 and HF-LVL-1)



Configuration 2
 (SP-2, HF-2 and HF-LVL 2)



Configuration 3
 (SP-3, HF-3 and HF-LYL-3)

Table 4. Calculated o.c. spacings (inches) for PPT Hem-Fir or Southern Pine deck ledgers attached to SPF or a 1-inch thick LVL band joist.

CONNECTION DETAIL*	RESIDENTIAL DECK JOIST SPAN						
	6 feet	8 feet	10 feet	12 feet	14 feet	16 feet	18 feet
1/2-inch lag screws with 15/32-inch sheathing	30	23	18	15	13	11	10
1/2-inch bolts with 15/32-inch sheathing	36**	36**	34	29	24	21	19
1/2-inch bolts with 15/32-inch sheathing and 1/2-inch stacked washers	36**	36**	29	24	21	18	16

- * Average deflections between the ledger and band joist at design load were less than 0.23 inch.
- ** These spacings were limited by a consideration of the bending strength of a 2 x 8 (minimum) ledger between the bolts or lag screws.

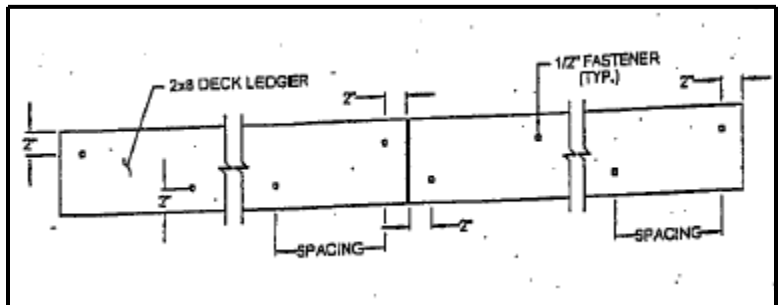


Figure 2. Method for installing 1/2-inch diameter lag screws or bolts for use with Table 4. Fasteners should be staggered and an edge spacing of 2 inches should always be maintained.

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