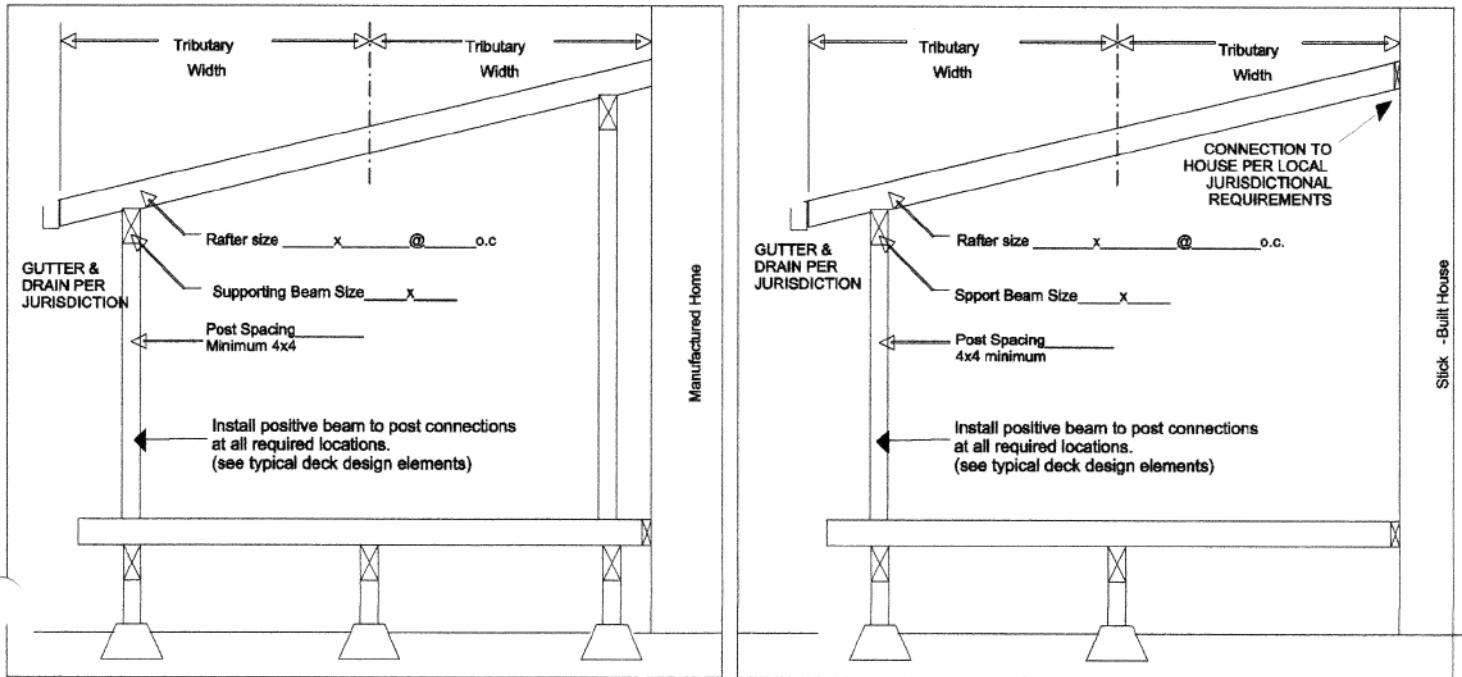


Southwest Washington Chapter of ICC

This construction detail is accepted as meeting the minimum standard of construction as based upon the 2004 IBC / WAC 51-50 requirements and is accepted in the following regional jurisdictions

Clark County, Cowlitz County, Skamania County, City of Camas, City of Centralia, City of Kalama
City of Ridgefield, City of Vancouver, City of Washougal, City of Woodland

If your deck has a cover, circle the cross section below that best represents your cover and fill in the rafter sizes, beam sizes and post spacing using the tables below.



Use the table below to determine the size of your beams.

Use the table below to determine the size of your rafters.

Post Spacing/Beam Span Table (Doug-fir #2)										
TRIBUTARY WIDTH (in feet)	2	3	4	5	6	7	8	9	10	
BEAM SIZE										
4x6	14'-0"	11'-6"	10'-0"	9'-0"	8'-3"	7'-8"	7'-0"	6'-9"	6'-6"	
4x8	18'-3"	15'-0"	13'-3"	11'-9"	10'-9"	10'-0"	9'-3"	8'-9"	8'-6"	
4x10	22'-3"	18'-6"	16'-0"	14'-6"	13'-3"	12'-3"	11'-6"	10'-9"	10'-3"	
4x12	25'-6"	21'-3"	18'-6"	16'-9"	15'-3"	14'-3"	13'-3"	12'-6"	12'-0"	

RAFTER SIZE	RAFTER SPANS	
	16" o.c.	24" o.c.
2x6	12'-0"	10'-0"
2x8	15'-9"	12'-6"
2x10	19'-3"	15'-9"
2x12	22'-3"	18'-3"

If attaching the cover to a stick-built house (not a manufactured home), select the method of attachment from below

