



Manufacturer recommendation to install footings (posts) for deck and elevated surfaces are six (6) feet on center.

MATERIAL: SOUTHERN PINE GRADE: NO. 2 MOISTURE CONTENT:> 19% Note: Maximum Span/Joist combinations listed below are based on 16 joist spacing on center						
RESIDENTIAL APPLICATIONS						
TABLE 1						
LOAD		MAXIMUM SPAN/JOIST SIZE				
		2 X 4	2 X 6	2 X 8	2 X 10	2 X 12
LIVE LOAD:	40 LB/FT ²	4'-9"	7'-1"	9'-2"	10'-11"	12'-9"
DEAD LOAD:	10 LB/FT ²					
2-1/4 PAVER						
TABLE 2						
LOAD		MAXIMUM SPAN/JOIST SIZE				
		2 X 4	2 X 6	2 X 8	2 X 10	2 X 12
LIVE LOAD:	40 LB/FT ²	4'-7"	6'-10"	8'-10"	10'-6"	12'-4"
DEAD LOAD:	10 LB/FT ²					
2-3/4 PAVER						
COMMERCIAL APPLICATIONS						
TABLE 3						
LOAD		MAXIMUM SPAN/JOIST SIZE				
		2 X 4	2 X 6	2 X 8	2 X 10	2 X 12
LIVE LOAD:	60 LB/FT ²	4'-4"	6'-4"	8'-2"	9'-9"	11'-9"
DEAD LOAD:	10 LB/FT ²					
2-1/4 PAVER						
TABLE 4						
LOAD		MAXIMUM SPAN/JOIST SIZE				
		2 X 4	2 X 6	2 X 8	2 X 10	2 X 12
LIVE LOAD:	60 LB/FT ²	4'-3"	6'-2"	7'-11"	9'-6"	11'-1"
DEAD LOAD:	10 LB/FT ²					
2-3/4 PAVER						

The highlighted sections above are the manufactures recommended Span/Joist combinations based on the brick paver used for the deck surface. Other combinations may be used depending on the application.