

KeyBeam® 4.507T
 kmBeamEngine 4.509p
 Materials Database 1299

057 D014118
~~D014115~~ NLA
 9-9-11

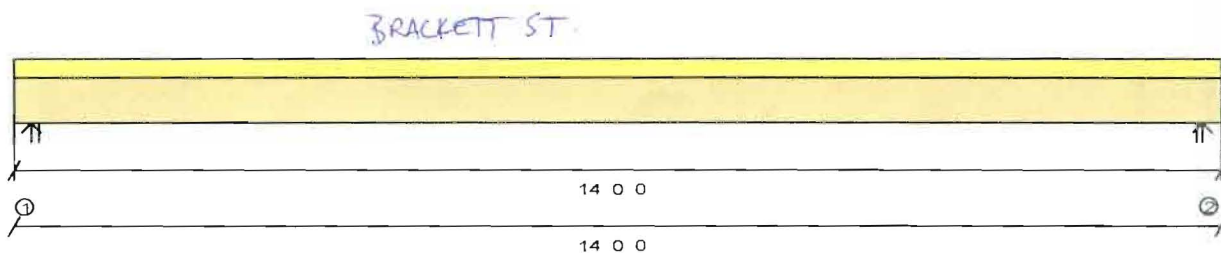
Member Data

Description: Member Type: Beam Application: Floor
 Top Lateral Bracing: Continuous
 Bottom Lateral Bracing: None
 Standard Load: Moisture Condition: Dry Building Code: IBC / IRC
 Dead Load: 12 PLF Deflection Criteria: L/480 live, L/240 total 1.000" max. LL
 Live Load: 40 PLF Deck Connection: Nailed Member Weight: 19.1 PLF
 Filename: KYB1

Other Loads

Type (Description)	Side	Begin	End	Trib. Width	Dead Start	End	Other Start	End	Category
Replacement Uniform (PSF)	Top	0' 0.00"	14' 0.00"	11' 0.00"	10		40		Live
Replacement Uniform (PLF)	Top	0' 0.00"	14' 0.00"		132		440		Live

Span carried: 22' 0.00" simple span



Bearings and Reactions

	Location	Type	Material	Input Length	Min Required	Gravity Reaction	Gravity Uplift
1	0' 0.000"	Wall	Spruce-Pine-Fir	3.500"	3.468"	7738#	--
2	13' 6.750"	Wall	Spruce-Pine-Fir	3.500"	3.468"	7738#	--

Maximum Load Case Reactions

Used for applying point loads (or line loads) to carrying members

	Dead	Live
1	1771#	5968#
2	1771#	5968#

Don't take away top

Design spans

13' 6.750"

Product: 1-3/4 x 14 x 2.0E CP-Lam LVL 3 ply
 "Elementary Member Design has Passed Design Checks"
 "This member requires continuous lateral bracing along the top chord"
 "This member requires no lateral bracing along the bottom chord"

057 - D - 014