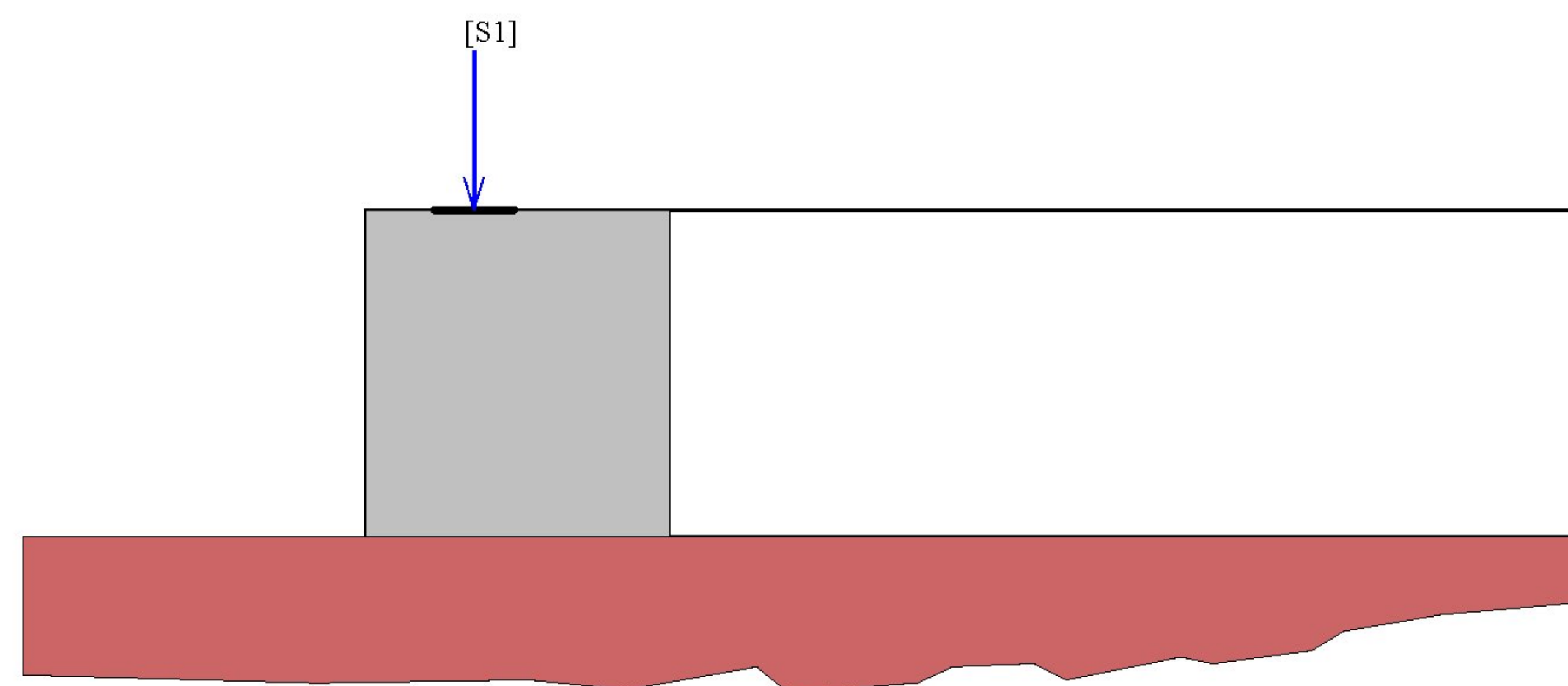


BEARING CAPACITY for GIVEN LAYOUT

	STATIC	SEISMIC	UNITS
(Water table does not affect bearing capacity)			
Factored bearing resistance, q-n	15249	N/A	[lb/ft ²]
Factored bearing load, σ_v	3236.8	N/A	[lb/ft ²]
Eccentricity, e	0.79	N/A	[ft]
Eccentricity, e/L	0.056	N/A	
CDR calculated	4.71	N/A	
Base length	14.00	N/A	[ft]

Unfactored applied bearing pressure = (Unfactored R) / [L - 2 * (Unfactored e)] =
 Unfactored R = 29719.98 [lb/ft], L = 14.00, Unfactored e = 0.71 [ft], and Sigma = 2362.27 [lb/ft²]



SCALE:

0 2 4 6 8 10 [ft]

