

Loads	Atrib. Area (ft <sup>2</sup> )	Dead Load (lb/ft <sup>3</sup> )	Live Load (lb/ft <sup>3</sup> )	Thick. (ft)	Result	Units
Test Probe A	slab	150		9.5	118.75	lbs per ft <sup>2</sup>
	conc. topping	140		2.125	24.79	lbs per ft <sup>2</sup>
	tile and mortar	110		1.375	12.60	lbs per ft <sup>2</sup>
	pavers on sand	110		1.25	11.46	lbs per ft <sup>2</sup>
				<u>14.25</u>	<u>167.60</u>	lbs per ft <sup>2</sup>
Test Probe B	slab	150		10.25	128.13	lbs per ft <sup>2</sup>
	conc. topping	140		3.675	42.87	lbs per ft <sup>2</sup>
				<u>13.925</u>	<u>171.00</u>	lbs per ft <sup>2</sup>
<b><u>Column M11.1 w/ Planters</u></b>						
VDL slab	418.153	140		0.79167	46.35	Kips
VDL conc. topping	418.153	140		0.17708	10.37	Kips
VDL tile, mortar,pavers minus area planters	259.9088	110		0.22292	6.37	Kips
VDL planters					28.11	Kips
				<b>VDL Total:</b>	<b>91.19</b>	<b>Kips</b>
VLL	418.153		60		25.09	Kips
			Vu		<u>149.57</u>	Kips
<b><u>Column K15 w/ Planters</u></b>						
VDL pool deck slab	240.63	150		0.79167	28.57	Kips
VDL parking slab	231.34	150		0.85417	29.64	Kips
VDL conc. topping pool	240.63	140		0.17708	5.97	Kips
VDL conc. topping parking	231.34	140		0.30625	9.92	Kips
VDL tile, mortar,pavers minus area planters	119.53	110		0.22292	2.93	Kips
VDL planters					20.94	Kips
				<b>VDL Total:</b>	<b>97.97</b>	<b>Kips</b>
VLL	471.97		60		28.32	Kips
			Vu		<u>162.88</u>	Kips
<b><u>Column K13.1 w/ Planters</u></b>						
VDL pool deck slab	347.94	150		0.79167	41.32	Kips
VDL parking slab	195.33	150		0.85417	25.03	Kips
VDL conc. topping pool	347.94	140		0.17708	8.63	Kips
VDL conc. topping parking	195.33	140		0.30625	8.37	Kips
VDL tile, mortar,pavers minus area planters	210.08	110		0.22292	5.15	Kips
VDL planters					26.66	Kips
				<b>VDL Total:</b>	<b>115.15</b>	<b>Kips</b>
VLL	543.27		60		32.60	Kips
			Vu		<u>190.34</u>	Kips
<b><u>Column I14</u></b>						
VDL parking slab	492.09	150		0.85417	63.05	Kips
VDL conc. topping parking	492.09	140		0.30625	21.10	Kips
				<b>VDL Total:</b>	<b>84.15</b>	<b>Kips</b>
VLL	492.09		60		29.53	Kips
			Vu		<u>148.22</u>	Kips
<b><u>Column I14.1</u></b>						
VDL parking slab	487.23	150		0.85417	62.43	Kips
VDL conc. topping parking	487.23	140		0.30625	20.89	Kips
				<b>VDL Total:</b>	<b>83.32</b>	<b>Kips</b>
VLL	487.23		60		29.23	Kips
			Vu		<u>146.75</u>	Kips