



SPREAD FOOTING DATA TABLES:

Format for the Foundation Report:

Foundation Design Recommendations for Spread Footings^{1,2}

Support Location	Footing Size (ft)		Bottom of Footing Elevation (ft)	Minimum Footing Embedment Depth (ft)	Total Permissible Support Settlement (in)	WSD	LRFD		
	B	L				LRFD Service Limit State Load	Service	Strength (Resistance Factor = X)	Extreme Event
						Gross Allowable Bearing Stress q_{all} (ksf)	Net Permissible Contact Stress $q_{permissible, net}$ (ksf)	Factored Gross Nominal Bearing Resistance q_R (ksf)	Factored Gross Nominal Bearing Resistance q_R (ksf)
Abut 1							N/A	N/A	N/A
Bent 2						N/A			
Abut 3							N/A	N/A	N/A

Notes: 1) Recommendations are based on the foundation geometry and the load provided by Structure Design in the Foundation Design Data Sheet. The footing contact area is taken as equal to the effective footing area, where applicable.

2) See MTD 4-1 for definitions and applications of the recommended design parameters.



Format for the Contract Plans:

Spread Footing Data Table

Support Location	Gross Allowable Bearing Stress	Net Permissible Contact Stress (Service)	Factored Gross Nominal Bearing Resistance (Resistance Factor=X) (Strength)	Factored Gross Nominal Bearing Resistance (Resistance Factor=1.00) (Extreme Event)
Abut 1	XX ksf	N/A	N/A	N/A
Bent 2	N/A	XX ksf	XX ksf	XX ksf
Abut 3	XX ksf	N/A	N/A	N/A

