



704-571-1323

Uniform Load Design Analysis

Project

Date: 5/1/2014

Name: Sample Project

Location: Buffalo Grove

Engineer: Mike McPhee

Criteria

Compressive Strength (psi):	4,000.00	Column Spacing (ft):	50.00
Flexural Strength (psi):	600.00	Contraction Joint Spacing (ft):	25.00
Subgrade Modulus (pci):	100.00		
Uniform Load (psf):	1,500.00		

CFS Steel Fiber Design

Fiber: CFS100-2

Fiber Dosage (lb):	40	Tensile Stress (psi):	450.25
Slab Thickness (in):	6.5	Interior Safety Factor:	1.33