







ictural design, or use of plan at vithout the prior written consent of d any responsibility and liability ce of these engineered		4.3.	Concrete placement shall be done in a manner to maintain proper rebar and form alignment.	3.	Mainter
		4.4.	Concrete shall be placed in a careful manned to avoid grade beam trench soil sloughing and to avoid concrete aggregate segregation.		3.1.
ed by the local building d/or by the owner, and r.	5.	In-Situ S	oil Characteristics:		
		5.1.	PI = 36+ (plasticity index range, in-situ soils).		3.2.
utilities (including irrigation excavation.		4.3.	$\sigma$ = 1500 psf (allowable bearing pressure, at least 18" below finished grade).		3.3.
acted to minimum 95% Standard	6.	External	Loads:		
d between optimum moisture		6.1.	WL = 20 psf (wind load, estimated, ASCE 7-16, 3 sec gust)		
exceeding 8".	7.	Concrete	e Reinforcement Bar:		
Il be graded at the end of each face runoff without erosion and to ponding at the foundation		7.1.	All reinforcing steel (rebar) shall be new billet steel conforming to ASTM A-615 grade 60 (yield strength, fy = 60 ksi).		
		7.2.	Rebar shall be free of rust or other deleterious materials.		
r system should be transported paved area. If downspouts onto flatwork or paved areas, the der to eliminate infiltration next to	8.	Concrete	Concrete Mix Design:		
		8.1.	f'c = 3000 psi (minimum compressive strength at 28 days).		
		8.2. 8.3	Slump = 5" (typical). Adding water at site is not permitted.		
ced in a manner to prevent rs. Damage shall be repaired in 's recommendations.			adverse effects of climate at the time of year the concrete is placed. Admixtures, if used, shall not contain chlorides, fluorides, sulfites, nitrates or other corrosion inducing salts. Flyash shall not be used without prior written consent of the		
rated around all reinforcement eliminate air pockets and voids.			engineer.		



Maintenance:

Care should be taken to maintain constant foundation soil during dry periods and by insuring adequate drainage away from the foundation during wet periods. Areas with trees and/or large shrubs can differentially absorb large quantities of moisture from the soil. These areas may require additional watering during dry periods.

Portions of the structure within the influence zone of the plant roots should also be monitored for future distress potentially related to root development.

Future distress may require flora removal. A qualified landscape architect could provide information on flora root structures and could recommend plant types with minimal root development.

