Job ID : Job Description :								Designed By :		
DIMEN	SIONS	 5:								
Stem Height = 14.00 ft. Stem Thick. @ Top = 12.00 in. Stem Thick. @ Base = 12.00 in. Footing Thickness = 14.00 in.						Heel Length = 6.00 ft Toe Length = 1.50 ft Total Ftg. Width, B = 8.50 ft Key Depth = 0.00 ft Key Width = 0.00 ft			6.00 ft. 1.50 ft. 8.50 ft. 0.00 ft. 0.00 ft.	
ANALY	SIS H	RESULTS	:							
Max Brg Press. @ Toe = 2,933 psf. @ Heel = 703 psf. Allowable Brg. Press. = 3,000 psf.						Sliding Force = 5,447 Lb Resisting Force = 8,282 Lb F.O.S. = 1.52				
Resultant Loc From C.L.= 0.87 ft. Kern Point Loc., B/6 = 1.42 ft. Limit Resultant To Mid 1/3? = Yes						Overturn. Moment = 29,009 ft-11 Resisting Moment = 81,265 ft-11 F.O.S. = 2.80			9 ft-lb 5 ft-lb 0	
DESIGN RESULTS: Design Method, Stem: Ftg.:					em: USD, g.: Ultim	ACI 318-14 ate Strengt	(Concrete) Ch ACI 318) -14		
Stem Toe Heel Key	:	d (in.) 9.50 10.50 11.50 0.00	Mu (ft-k) 36.97 4.20 36.81 0.00	Vu (kip) 7.49 2.39 6.14 0.00	Phi Vn (kip) 10.81 11.95 13.09 0.00	As Flex. (in^2) 0.932 0.089 0.747 0.000	As Min. (in^2) 0.380 0.119 0.460 0.000	As T (in^ 0.4 0.3 0.3 0.0	+S 2) 96 02 02 00	

- Notes: 1. Stem moments are positive if they cause tension on the soil face. Negative if they cause tension on the outside face. Stem shear is positive to the left as measured on a section cut below the top of wall.
 - 2. Heel moments are positive if they cause tension in the top of the footing. Heel shear is positive up as measured on a section cut to the right of the end of the heel.
 - 3. Toe moments are positive if they cause tension in the bottom of the footing. Toe shear is positive up as measured on a section cut to the left of the end of the toe.