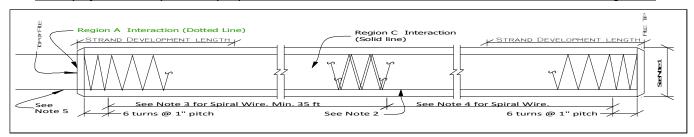
## 16" Sq; f'c = 6,000 psi, 766 psi prestress with No Rebars Pile Details and Interaction Diagram.



16" SQUARE PILE, CONC. F'C = 6000 PSI, AREA (AG) = 254 SQ-IN. NOTE I:

8 - 1/2"Ø 270K STRAND ON 10-1/2" CIRCLE, STRESSED TO 70% = 766 PSI (FPC) NOTE 2:

NOTE 3; PROVIDE WI4.0 @ 2" PITCH FOR TOP 35 FT MINIMUM

Note 4; Provide W8.0 @ 2.5" PITCH WITH 2" COVER

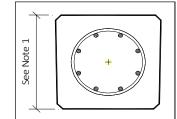
NOTE 5: STRANDS EXTENDED 4.0 FT

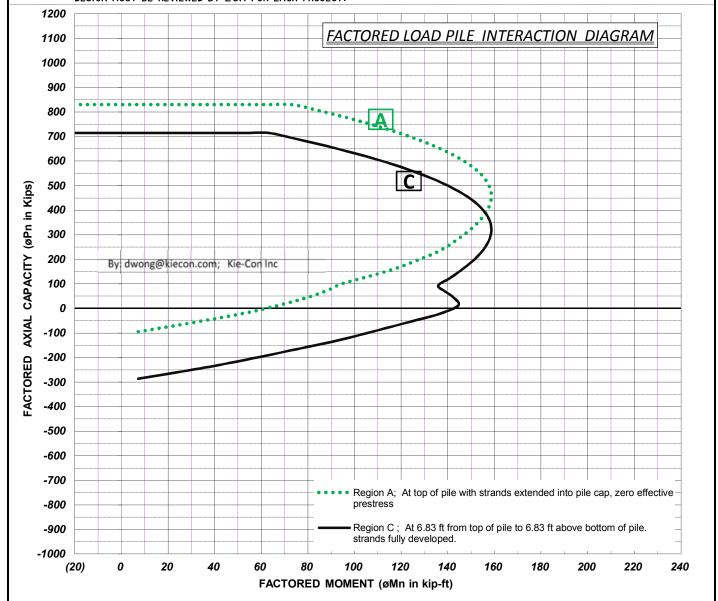
Note 6; ALLOWABLE SERVICE LOAD BASED ON N = Ag(0.33 f'c-0.27Fpc) = 450 kips

PLEASE EMAIL US IF YOU LIKE TO SEE THE INTERACTION DIAGRAMS OF DIFFERENT

REBAR SIZES OR COMBINATIONS

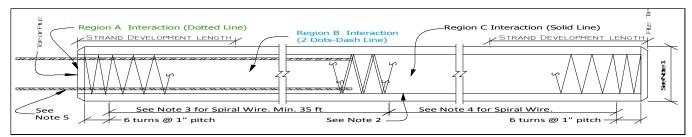
THE INTERACTION DIAGRAM SHOWN BELOW IS A GUIDELINE ONLY. ACTUAL Note 8: DESIGN MUST BE REVIEWED BY EOR FOR EACH PROJECT.





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## 16" Sq; f'c = 6,000 psi, 766 psi prestress with 4-#6 Pile Details and Interaction Diagram.



NOTE I; I6" SQUARE PILE, CONC. F'C = 6000 PSI, AREA (AG) = 254 SQ-IN.

NOTE 2; 8 - 1/2" Ø 270K STRAND ON 10-1/2" CIRCLE, STRESSED TO 70% = 766 PSI (FPC)

NOTE 3; PROVIDE WI4.0 @ 2" PITCH FOR TOP 35 FT MINIMUM

NOTE 4; PROVIDE W8.0 @ 2.5" PITCH WITH 2" COVER

NOTE 5; 4-#6 REBAR (GR60) INSIDE SPIRAL WIRE

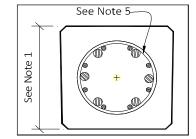
Note 6; Allowable service load based on N = Ag(0.33 f'c-0.27Fpc) = 450 kips

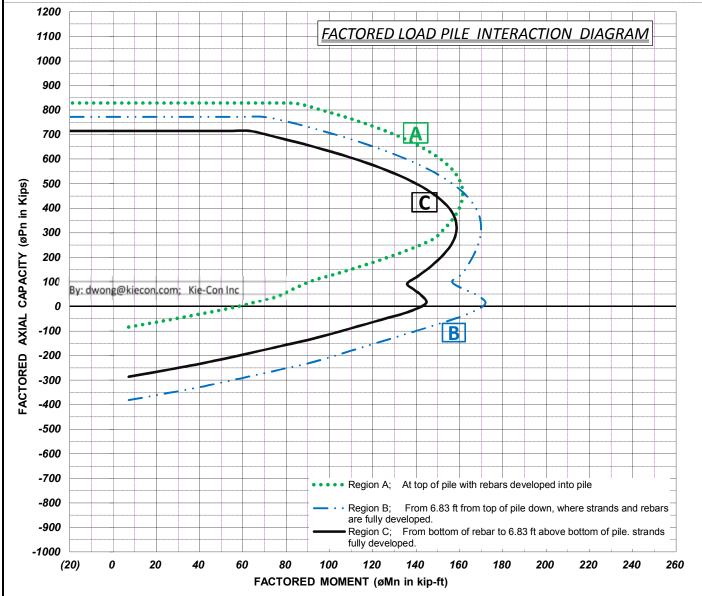
NOTE 7; PLEASE EMAIL US IF YOU LIKE TO SEE THE INTERACTION DIAGRAMS OF DIFFERENT

REBAR SIZES OR COMBINATIONS

NOTE 8; THE INTERACTION DIAGRAM SHOWN BELOW IS A GUIDELINE ONLY. ACTUAL

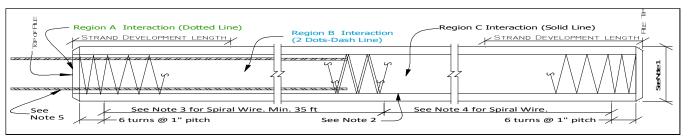
DESIGN MUST BE REVIEWED BY EOR FOR EACH PROJECT.





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## 16" Sq; f'c = 6,000 psi, 766 psi prestress with 4-#9 Pile Details and Interaction Diagram.



16" SQUARE PILE, CONC. F'C = 6000 PSI, AREA (AG) = 254 SQ-IN. NOTE I:

8 - 1/2" Ø 270K STRAND ON 10-1/2" CIRCLE, STRESSED TO 70% = 766 PSI (FPC) NOTE 2:

NOTE 3; PROVIDE WI4.0 @ 2" PITCH FOR TOP 35 FT MINIMUM

Note 4; Provide W8.0 @ 2.5" PITCH WITH 2" COVER

NOTE 5: 4-#9 REBAR (GR60) INSIDE SPIRAL WIRE

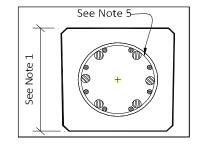
Note 6; ALLOWABLE SERVICE LOAD BASED ON N = Ag(0.33 f'c-0.27Fpc) = 450 kips

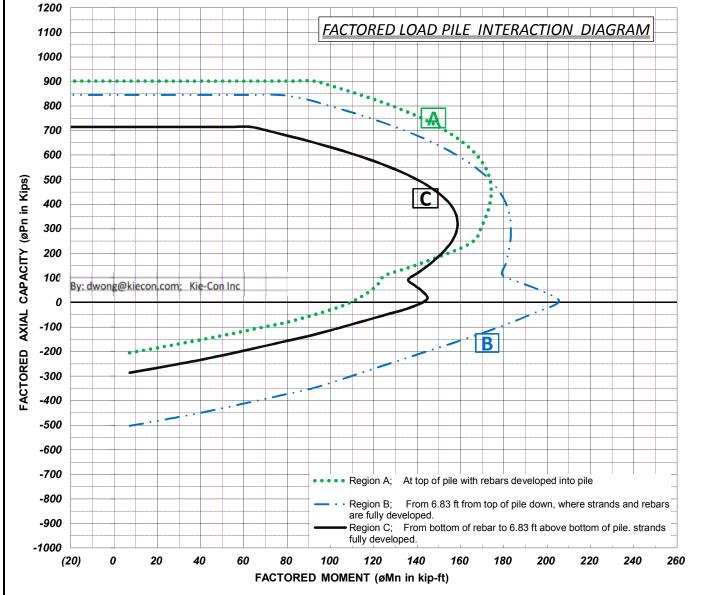
PLEASE EMAIL US IF YOU LIKE TO SEE THE INTERACTION DIAGRAMS OF DIFFERENT

REBAR SIZES OR COMBINATIONS

Note 8: THE INTERACTION DIAGRAM SHOWN BELOW IS A GUIDELINE ONLY. ACTUAL

DESIGN MUST BE REVIEWED BY EOR FOR EACH PROJECT.





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