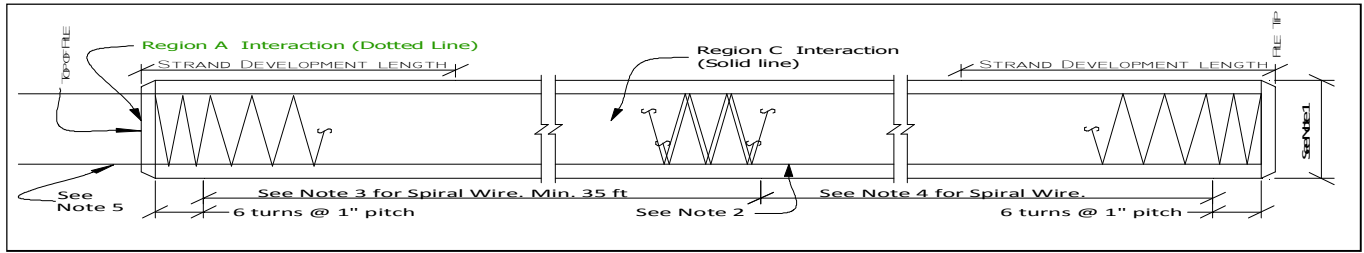
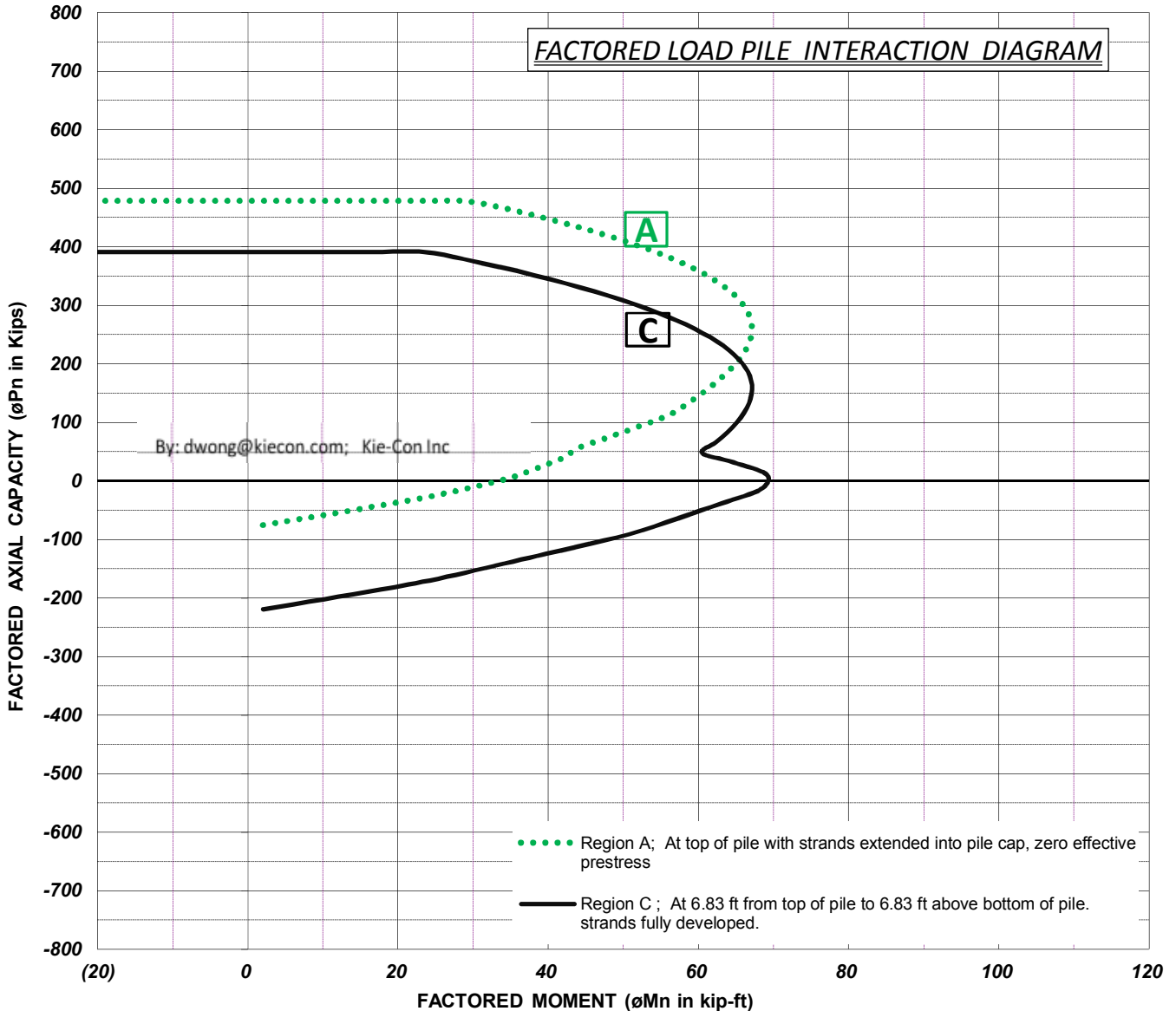
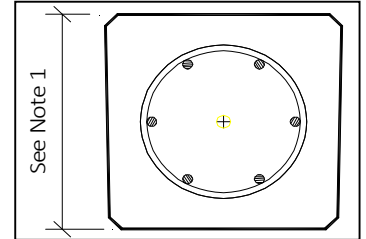


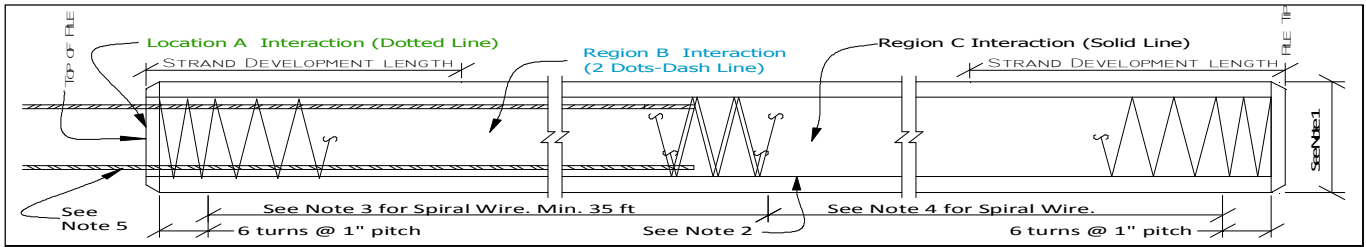
**12" Sq;  $f'c = 6,000$  psi, 1022 psi prestress with No Rebars Pile Details and Interaction Diagram.**



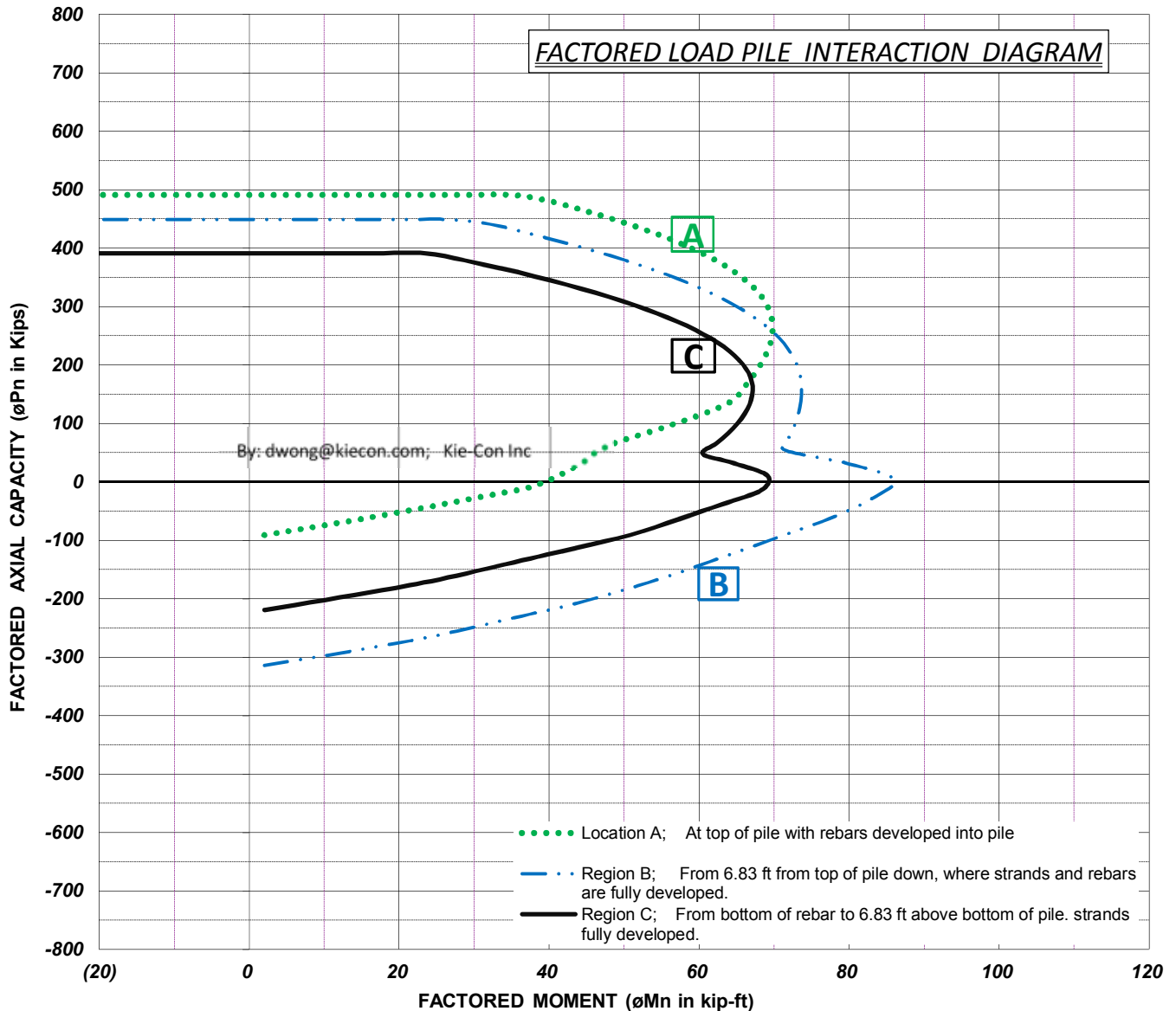
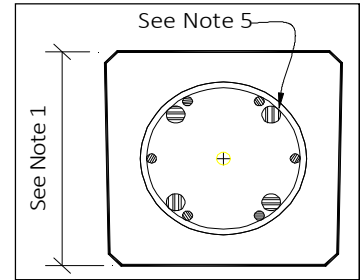
- NOTE 1; 12" SQUARE PILE, CONC.  $F'c = 6000$  PSI, AREA ( $A_g$ ) = 142.88 SQ-IN.
- NOTE 2; 6 - 1/2"Ø 270K STRAND ON 7" CIRCLE, STRESSED TO 70% = 1022 PSI ( FPC)
- NOTE 3; PROVIDE W11.0 @ 2" PITCH FOR TOP 35 FT MINIMUM
- NOTE 4; PROVIDE W8.0 @ 3.625" PITCH WITH 2" COVER
- NOTE 5; STRANDS EXTENDED 4.0 FT
- NOTE 6; ALLOWABLE SERVICE LOAD BASED ON  $N = A_g(0.33 F'c - 0.27FPC) = 243$  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.**



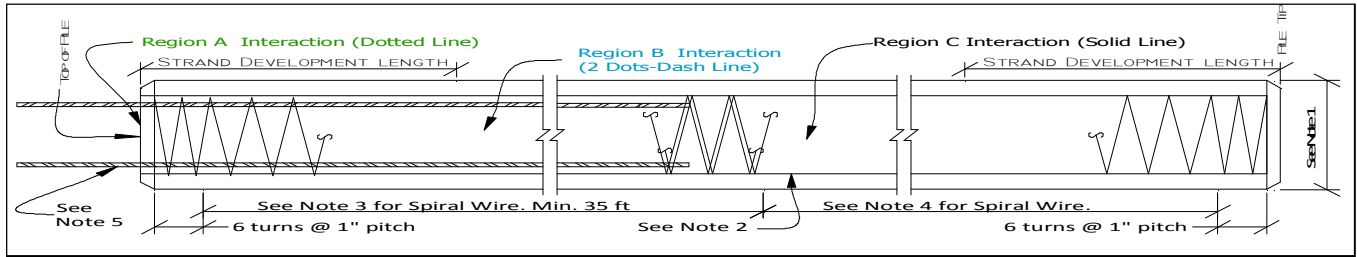
**12" Sq;  $f'_c = 6,000$  psi, 1022 psi prestress with 4-#6 Pile Details and Interaction Diagram.**



- NOTE 1; 12" SQUARE PILE, CONC.  $f'_c = 6000$  PSI, AREA ( $A_g$ ) = 142.88 SQ-IN.
- NOTE 2; 6 - 1/2"Ø 270K STRAND ON 7" CIRCLE, STRESSED TO 70% = 1022 PSI ( FPC)
- NOTE 3; PROVIDE W11.0 @ 2" PITCH FOR TOP 35 FT MINIMUM
- NOTE 4; PROVIDE W8.0 @ 3.625" PITCH WITH 2" COVER
- NOTE 5; 4-#6 REBAR (GR60) INSIDE SPIRAL WIRE
- NOTE 6; ALLOWABLE SERVICE LOAD BASED ON  $N = A_g(0.33 F'_c - 0.27F_{pc}) = 243$  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.**



**12" Sq;  $f'_c = 6,000$  psi, 1022 psi prestress with 4-#9 Pile Details and Interaction Diagram.**



- NOTE 1; 12" SQUARE PILE, CONC.  $f'_c = 6000$  PSI, AREA ( $A_g$ ) = 142.88 SQ-IN.
- NOTE 2; 6 - 1/2"Ø 270K STRAND ON 7" CIRCLE, STRESSED TO 70% = 1022 PSI ( FPC)
- NOTE 3; PROVIDE W11.0 @ 2" PITCH FOR TOP 35 FT MINIMUM
- NOTE 4; PROVIDE W8.0 @ 3.625" PITCH WITH 2" COVER
- NOTE 5; 4-#9 REBAR (GR60) INSIDE SPIRAL WIRE
- NOTE 6; ALLOWABLE SERVICE LOAD BASED ON  $N = A_g(0.33 F'_c - 0.27 F_{pc}) = 243$  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.**

