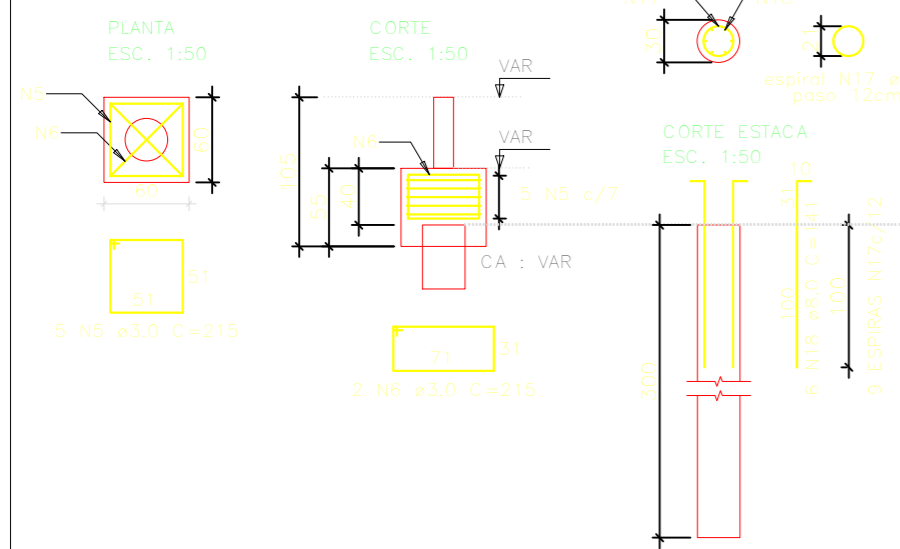
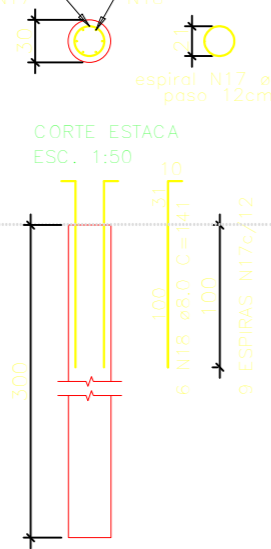


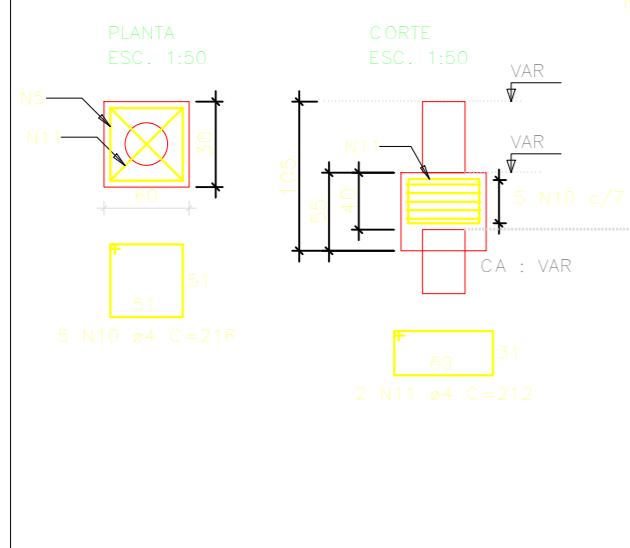
B29  
1xC30 - 3m



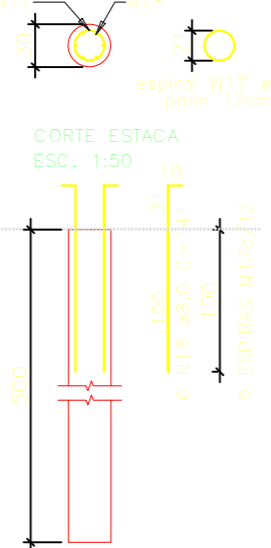
C30 - 3m



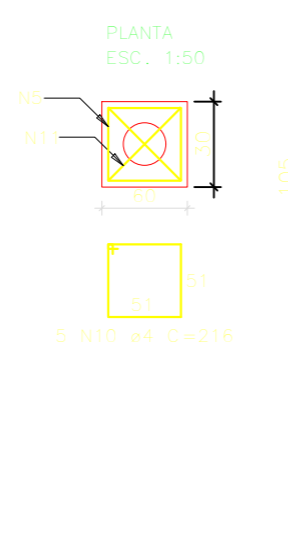
B2=B18=B28=B32=B34=B36  
1xC30 - 5m



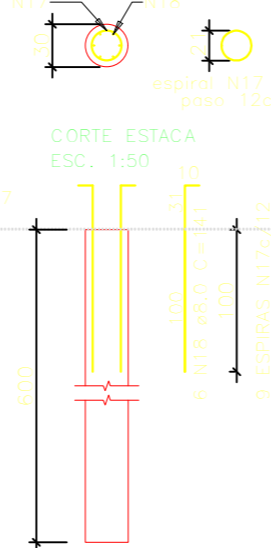
C30 - 5m



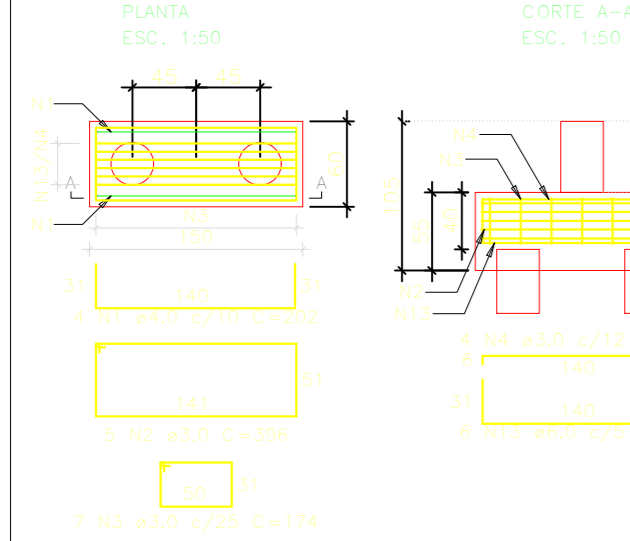
B33=B35=B37  
1xC30 - 6m



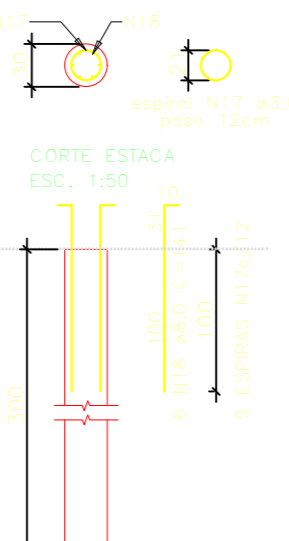
C30 - 6m



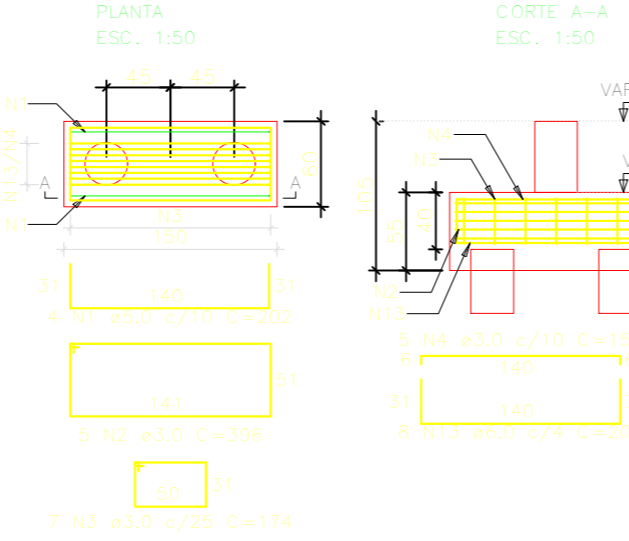
B48=B49=B50=B51=  
B52=B53=B54=B55  
2xC30 - 3m



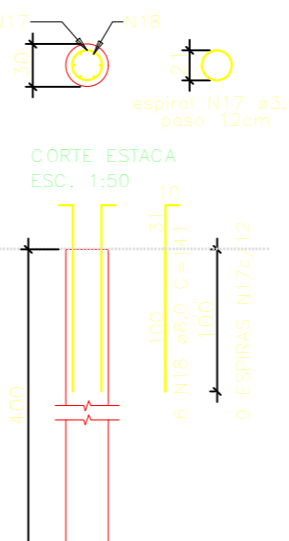
C30 - 3m(2x)



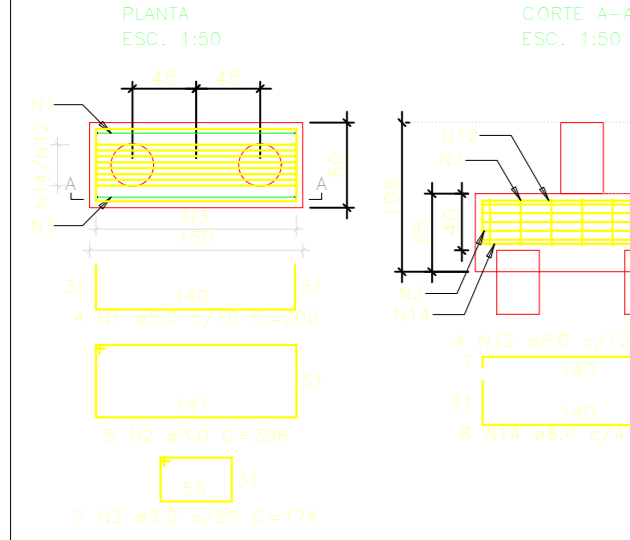
B4=B6=B8=B10=B12=B14=B16=B31  
B39=B40=B42=B44=B45=B46  
2xC30 - 5m



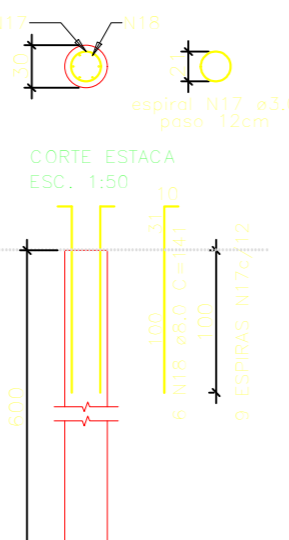
C30 - 4m(2x)



B20=B21=B22=B23=B24=  
B25=B26=B27=B41=B43  
2xC30 - 6m



C30 - 6m(2x)



RELAÇÃO DO PRFV - BLOCOS

MAT.	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
PRFV	1	4,0	104	199	20696
PRFV	2	3,0	153	395	60435
PRFV	3	3,0	224	173	38752
PRFV	4	3,0	102	149	15198
PRFV	5	3,0	5	215	1075
PRFV	6	3,0	2	215	430
PRFV	10	4,0	45	216	9720
PRFV	11	4,0	18	212	3816
PRFV	12	6,0	40	151	6040
PRFV	13	6,0	160	198	31680
PRFV	14	8,0	80	197	15760

RELAÇÃO DO PRFV - ESTACAS

MAT	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
PRFV	17	3,0	74	640	47360
PRFV	18	8,0	444	141	62604

RESUMO DO AÇO

MAT	DIAM (mm)	C.TOTAL (m)	PESO (kg)
PRFV	3,0	1158,90	17,60
PRFV	4,0	342,32	9,25
PRFV	6,0	377,20	20,37
PRFV	8,0	157,60	14,50

PESO TOTAL (kg)  
PRFV 61,72

VOLUME DE CONCRETO (C-20) = 42,73 m³  
ÁREA DE FORMA = 88,59 m²  
ESCAVAÇÃO ESTACAS = 27,92 m³ (LINEAR = 359m)  
ESCAVAÇÃO BLOCOS = 44,22 m³

NOTAS

- 1- DESENHO COTADO EM CENTÍMETRO.
- 2- CONCRETO ESTRUTURAL Fck = 20 Mpa.
- 3- RELAÇÃO ÁGUA/CIMENTO MENOR OU IGUAL A 0,60.
- 4- SLUMP = 18cm
- 5- COBRIMENTO DA ARMADURA IGUAL A 4,5cm.
- 6- PARA COTA DE ARRASAMENTO E NÍVEIS DAS ESTACAS VER PROJETO 1802\_ES\_0A - PLANTA DE LOCAÇÃO DE ESTACAS.
- 7- APÓS A ESCAVAÇÃO E MONTAGEM DA ARMADURA DAS ESTACAS, A CONCRETAGEM DEVERÁ OCORRER NO MESMO DIA DA ESCAVAÇÃO. OS BLOCOS DEVERÃO SER CONCRETADOS ATÉ O NÍVEL DO PILAR DE ARRANQUE.
- 8- PARA TENSÃO ADMISSÍVEL DA COTA DE APOIO VERIFICAR RELATÓRIO SONDAGEM.

RESIDÊNCIAS PILARZINHO  
PROJETO ESTRUTURAL

NOTAS:

- ESTE DISEÑO SE BASA EN EL PROYECTO DEL INGENIERO CARLOS HENRIQUE ORTEGA.
- LOS CERCOS SE SUMINISTRAN EN DOS PIEZAS EN U PARA PODER MONTARLOS EN EL PILAR EXISTENTE.
- SE PROPONE REDUCIR EL RECUBRIMIENTO DEL ARMADO A 20mm DADA LA RESISTENCIA QUIMICA DEL PRFV.
- TODO EL ARMADO ESTA CALCULADO EN FUNCION DE BARRAS DE POLIMERO REFORZADO CON FIBRA DE VIDRIO (PRFV) PRODUCIDO POR LA FABRICA DE YAROSLAVL.
- LOS RECUBRIMIENTOS MINIMOS SERAN DE 20mm.
- TODAS LAS COTAS ESTAN EN MILIMETROS (mm).