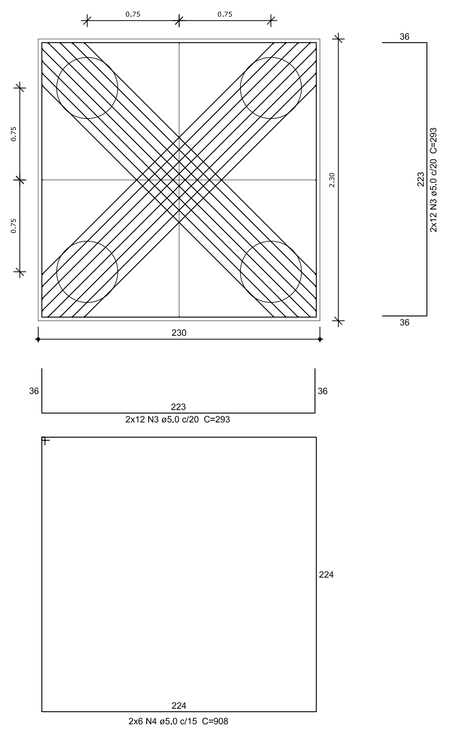
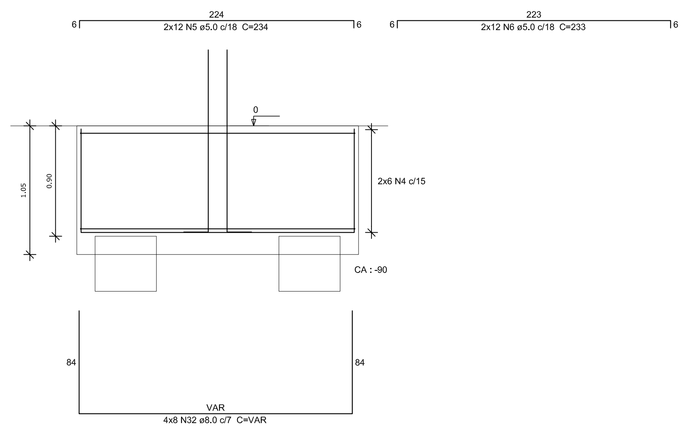
B1=B23
4xC50

PLANTA
ESC 1:25



CORTE
ESC 1:25



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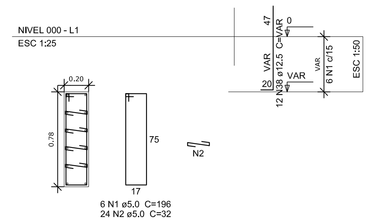

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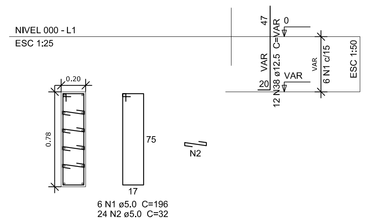
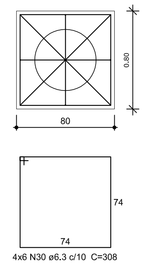
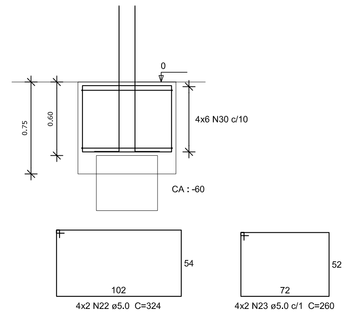


B8=B12=B14=B18
1xC50

PLANTA
ESC 1:25



CORTE
ESC 1:25



OBSERVAÇÕES IMPORTANTES:

1- O FNDE disponibiliza as fundações do projeto através do cálculo de blocos sobre estacas.Como alternativa apresenta esta versão em sapatas para os locais onde se julgue ser mais adequada. A taxa de resistência do solo utilizada no cálculo é de 2kg/cm2, considerando o solo homogêneo. Caso a taxa de resistência do solo do terreno onde será executada a obra seja inferior a esta, as fundações deverão ser recalculadas pelo proponente e a respectiva ART deverá ser emitida. Para o recálculo das fundações, disponibilizamos as cargas de fundação em prancha própria.

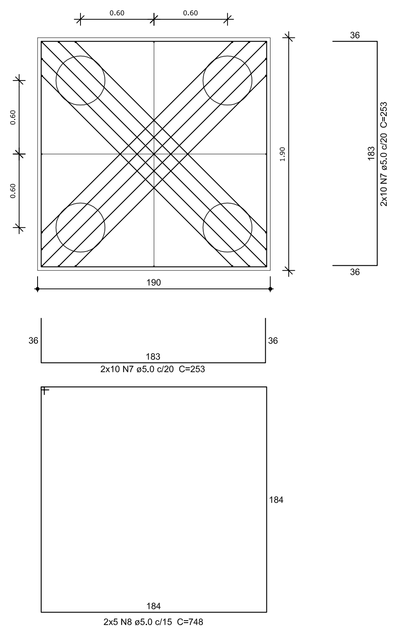
2- Estes projetos estão disponíveis no site do FNDE.

3- A profundidade das estacas foi calculada utilizando-se o Método Aoki-Veloso para estacas.

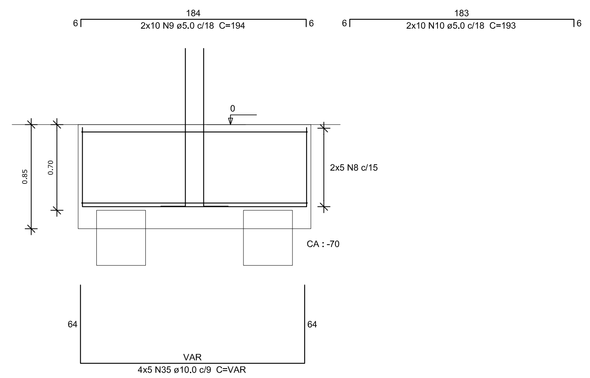
4- Recomendamos que seja realizada a sondagem do terreno pelo método SPT para determinação da resistência do solo e análise do perfil geotécnico.

B7=B13=B20=B30
4xC40

PLANTA
ESC 1:25

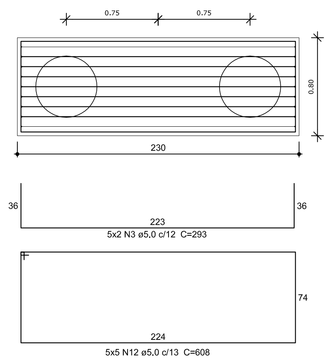


CORTE
ESC 1:25



B2=B3=B4=B5=B6=B25=B26=B27=B28=B29
2xC50

PLANTA
ESC 1:25



CORTE
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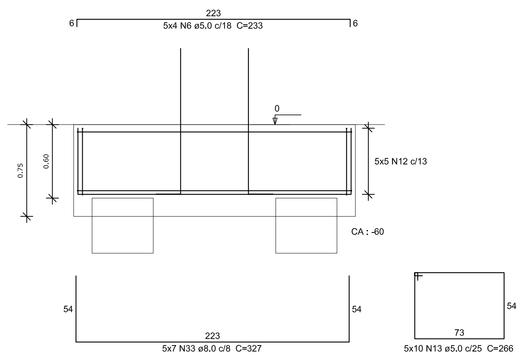


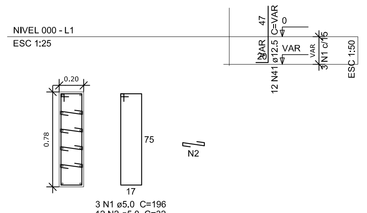
Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	283.8	76.4
	8.0	328.3	142.5
	10.0	141.3	95.8
	12.5	270.4	286.5
CA60	5.0	1612.4	273.4

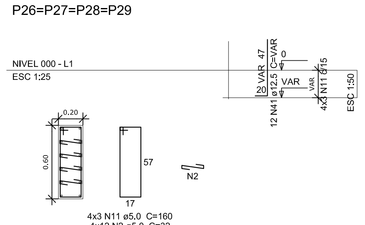
PESO TOTAL (kg)	
CA50	601.1
CA60	273.4

Volume de concreto (C-25) = 33.51 m³
Área de forma = 120.03 m²

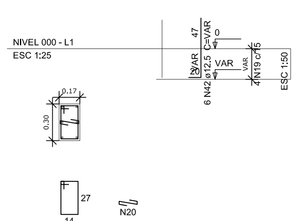
P25



P26=P27=P28=P29



P11



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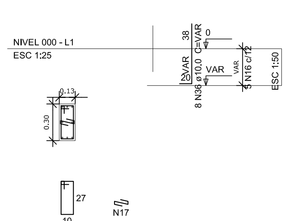

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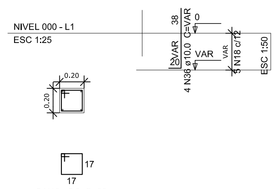

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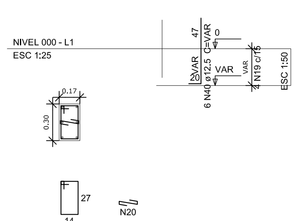
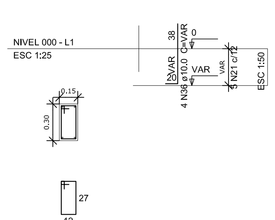


P8



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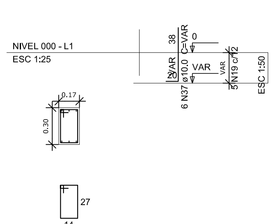
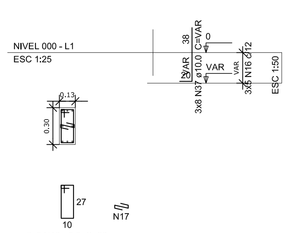


P15=P17=P19



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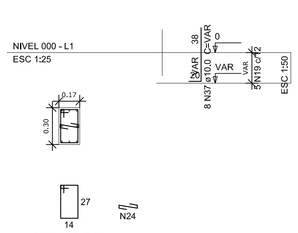

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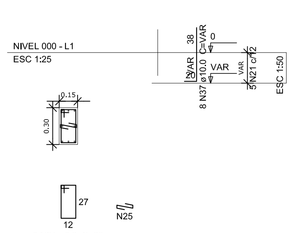

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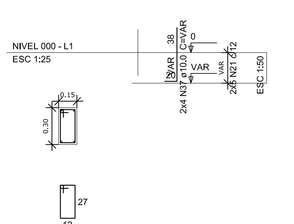

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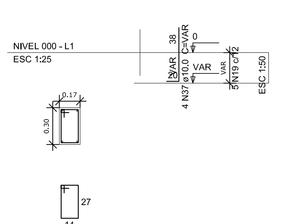
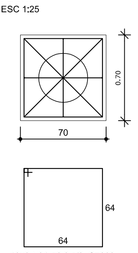
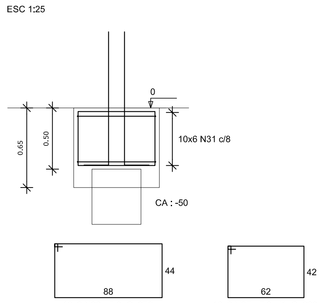


B9=B10=B11=B15=B16=B17=B19=B21=B22=B24
1xC40

PLANTA
ESC 1:25



CORTE
ESC 1:25



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PROJETO PADRÃO - FNDE

PROPRIETÁRIO: : INSTITUTO FEDERAL DE EDUCAÇÃO, CIÊNCIA E TECNOLOGIA DO TOCANTINS
ENDEREÇO: AV. BERNARDO SAYÃO, VIA DE ACESSO AO FRIGRORÍFICO (CHACARA RAIO DO SOL, LOTE 29-B)
MUNICÍPIO – UF: COLINAS DO TOCANTINS - TO

INSTITUTO FEDERAL DE EDUCAÇÃO, CIÊNCIA E TECNOLOGIA DO TOCANTINS
PROPRIETÁRIO

RESP. TÉCNICO — CREA

AUTOR DO PROJETO — CAU

DLFO — CREA — RA

OBSERVAÇÕES:

QUADRA COBERTA COM VESTIÁRIO
PROJETO ESTRUTURAL

COORDENAÇÃO: CGEST - Coordenação Geral de Infraestrutura Educacional

DETALHES DOS BLOCOS

SCO

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