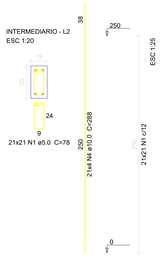
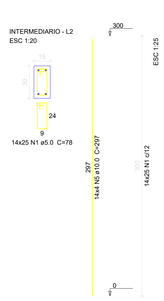
DETALHES DE PILARES E VIGAS INTERMEDIARIAS

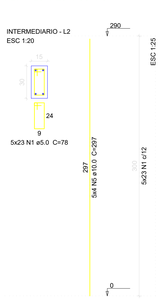
P1=P2=P3=P4=P5=P6=P7=P21=P22=P23=
P24=P25=P49=P50=P51=P55=P56=P57=
P58=P67=P68



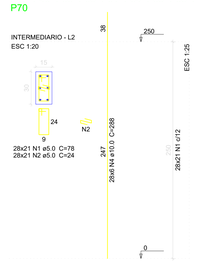
P8=P9=P10=P12=P13=P14=P15=P16=
P19=P52=P54=P59=P62=P63



P27=P28=P29=P30=P31



P11=P17=P18=P20=P26=P32=P33=P34=P35=
P36=P38=P39=P40=P41=P43=P44=P45=P46=
P47=P48=P53=P60=P61=P64=P65=P66=P69=
P70



P37=P42=P71=P72=P73=P74=
P75=P76=P77=P78



Relação do aço

21xP1 14xP8 5xP27
28xP11 10xP37

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	1498	78	116844
	2	5.0	441	24	10584
	3	5.0	250	84	21000
CA50	4	10.0	252	288	72576
	5	10.0	76	297	22572
	6	10.0	60	287	17220

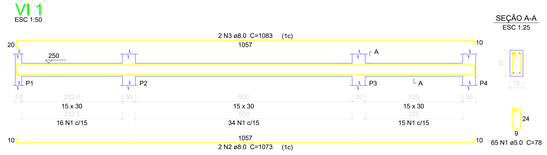
Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	10.0	1123.68	762.6
CA60	5.0	1484.2	251.4

PESO TOTAL (kg)	
CA50	762.6
CA60	251.4

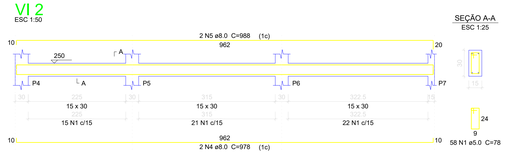
Volume de concreto (C-25) = 7.06 m³
Área de forma = 141.25 m²

VI 1
ESC 1:50



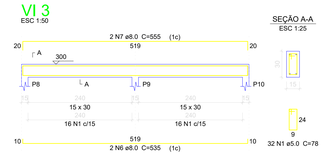
SEÇÃO A-A
ESC 1:25

VI 2
ESC 1:50



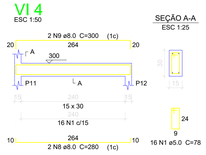
SEÇÃO A-A
ESC 1:25

VI 3
ESC 1:50



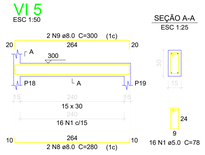
SEÇÃO A-A
ESC 1:25

VI 4
ESC 1:50



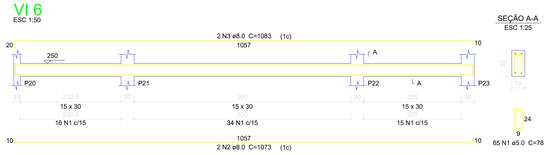
SEÇÃO A-A
ESC 1:25

VI 5
ESC 1:50



SEÇÃO A-A
ESC 1:25

VI 6
ESC 1:50



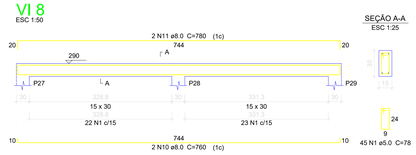
SEÇÃO A-A
ESC 1:25

VI 7
ESC 1:50



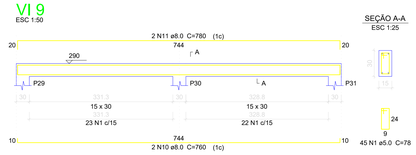
SEÇÃO A-A
ESC 1:25

VI 8
ESC 1:50



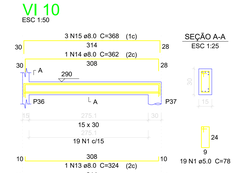
SEÇÃO A-A
ESC 1:25

VI 9
ESC 1:50



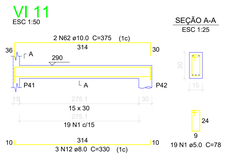
SEÇÃO A-A
ESC 1:25

VI 10
ESC 1:50



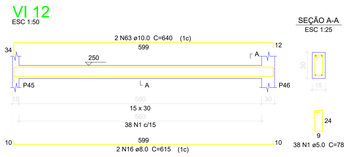
SEÇÃO A-A
ESC 1:25

VI 11
ESC 1:50



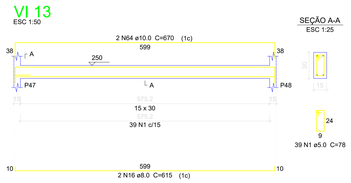
SEÇÃO A-A
ESC 1:25

VI 12
ESC 1:50



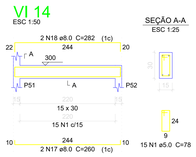
SEÇÃO A-A
ESC 1:25

VI 13
ESC 1:50



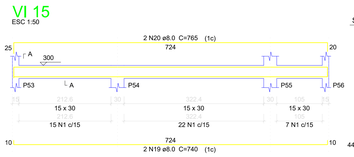
SEÇÃO A-A
ESC 1:25

VI 14
ESC 1:50



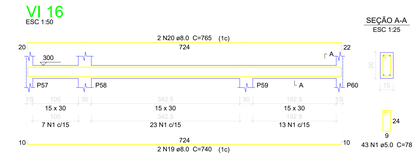
SEÇÃO A-A
ESC 1:25

VI 15
ESC 1:50



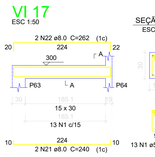
SEÇÃO A-A
ESC 1:25

VI 16
ESC 1:50



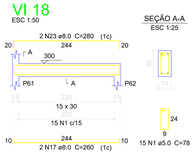
SEÇÃO A-A
ESC 1:25

VI 17
ESC 1:50



SEÇÃO A-A
ESC 1:25

VI 18
ESC 1:50



SEÇÃO A-A
ESC 1:25

VI 19
ESC 1:50

SEÇÃO A-A
ESC 1:25

VI 20
ESC 1:50

SEÇÃO A-A
ESC 1:25

VI 21
ESC 1:50

SEÇÃO A-A
ESC 1:25

VI 22
ESC 1:50

SEÇÃO A-A
ESC 1:25

VI 23
ESC 1:50

SEÇÃO A-A
ESC 1:25

VI 24
ESC 1:50

SEÇÃO A-A
ESC 1:25

VI 25
ESC 1:50

SEÇÃO A-A
ESC 1:25

VI 26
ESC 1:50

SEÇÃO A-A
ESC 1:25

VI 27
ESC 1:50

SEÇÃO A-A
ESC 1:25

PROJETO ESTRUTURAL

MUNICÍPIO DE INÁCIO MARTINS

OBRA
CENTRO DE CONVIVENCIA DO IDOSO

TÍTULO
• Detalhes de Pilares • Detalhes de Vigas Intermediarias

DATA
NOV/2025

ÁREA TOTAL
1000.00 m²

ESCALA
INDICADA

FOLHA
06 / 11

MUNICÍPIO DE INÁCIO MARTINS
PROPRIETÁRIO

EDSON DOS SANTOS PERE
CREA/PR-130743/D