RELAÇÃO DO AÇO

45xP1	13xP2	2xP12
2xP13	2xP21	P24
2xP63	P72	3xP79
P81	P82	8xP84
7xP85	12xP86	P91
11xP92	P95	P96
P97	P99	P107
P110	2xP111	P113
P114	P115	P116
P118	P122	P132
P135	P138	P145
P146	4xPF2	4xPF5

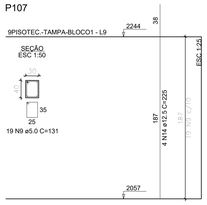
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	1207	121	146047
	2	5.0	377	111	41847
	3	5.0	461	35	16135
	4	5.0	169	91	15379
	5	5.0	109	141	15369
	6	5.0	80	131	10480
	7	5.0	32	151	4832
	8	5.0	78	30	2340
	9	5.0	19	131	2489
	10	5.0	39	81	3159
	11	5.0	32	111	3552
	12	5.0	52	101	5252
CA50	13	12.5	394	184	72496
	14	12.5	284	225	63900

RESUMO DO AÇO

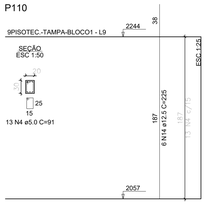
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	12.5	1364	1445.4
CA60	5.0	2668.7	452.5
PESO TOTAL (kg)			
CA50	1445.4		
CA60	452.5		

Volume de concreto (C-35) = 24.43 m³
Área de forma = 327.71 m²

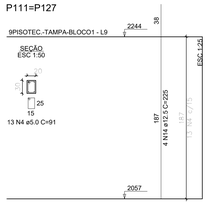
P107



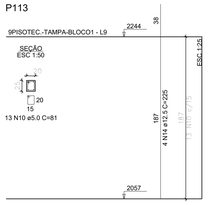
P110



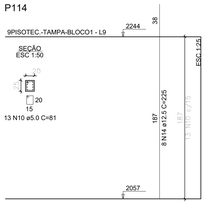
P111=P127



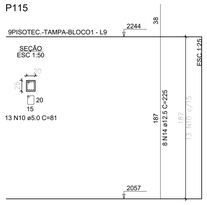
P113



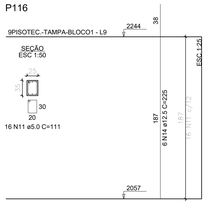
P114



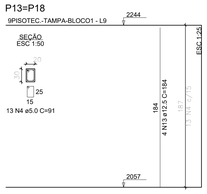
P115



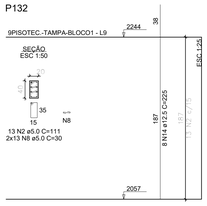
P116



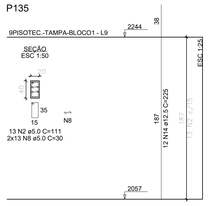
P13=P18



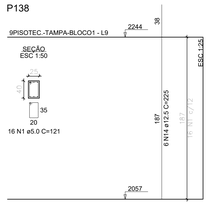
P132



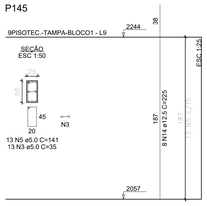
P135



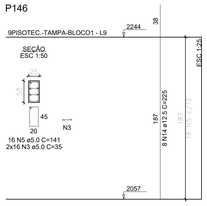
P138



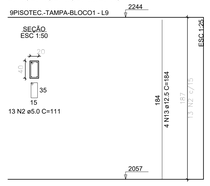
P145



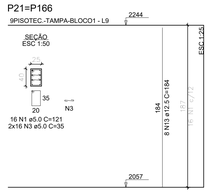
P146



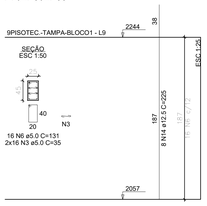
P2=P3=P6=P7=P8=P9=P10=P14=
=P15=P19=P20=P22=P23



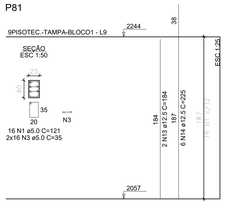
P21=P166



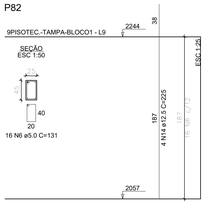
P79=P80=P83



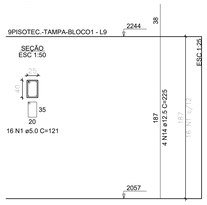
P81



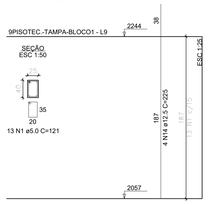
P82



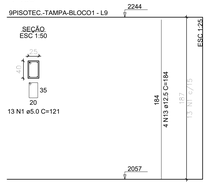
P84=P102=P103=P104=P121=
=P129=P140=P143



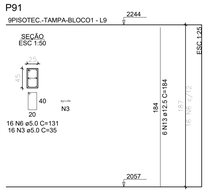
P85=P101=P106=P125=P128=
=P141=P142



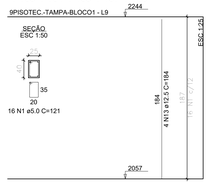
P86=P87=P88=P89=P100=P108=
=P109=P117=P119=P130=P133=
=P136



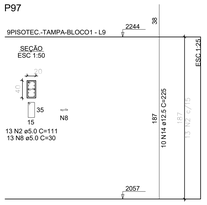
P91



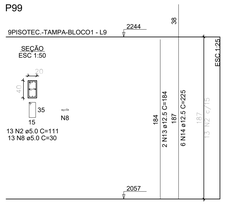
P1=P4=P5=P11=P16=P17=P60=
=P61=P62=P65=P66=P67=P68=
=P69=P70=P71=P73=P74=P75=
=P76=P77=P78=P90=P105=P120=
=P123=P126=P131=P137=P149=
=P152=P154=P155=P156=P157=
=P158=P159=P160=P161=P162=
=P163=P164=P165=P167=P168



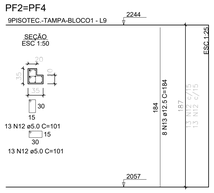
P97



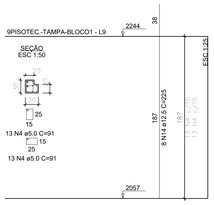
P99



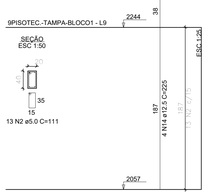
PF2=PF4



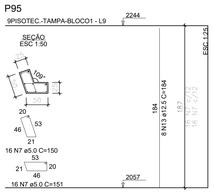
PF5=PF6=PF7=PF8



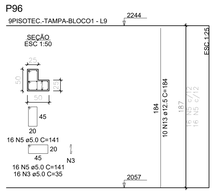
P92=P93=P94=P98=P134=P139=
=P144=P148=P150=P151=P153



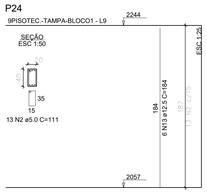
P95



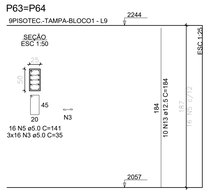
P96



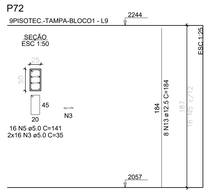
P24



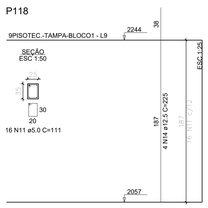
P63=P64



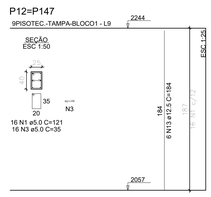
P72



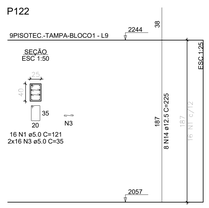
P118



P12=P147



P122



DETALHAMENTO DOS PILARES DO PISO TEC. DO BLOCO 2/TAMPA DAS CXS. D'ÁGUA 1 e 2 DO BLOCO 1

ESCALA 1:50

FORMATO A0 - INTERNO: 1049 x 821 mm.
EXTERNO: 1189 x 841 mm.

PROJETO ESTRUTURAL
PRÉDIO NOVO DA ODONTOLOGIA - UESC - ALFENAS-MG

UNIVERSIDADE FEDERAL DE ALFENAS
Rua Gonçalves Chaves, 246 - Centro
37130-000 Alfenas MG
http://www.unifal-mg.edu.br

DETALHAMENTOS

PISO TEC. DO BLOCO 2/TAMPA DAS CXS. D'ÁGUA 1 e 2 DO BLOCO 1 (NÍVEL=2244cm)

PILARES

Escala: 1/50		DESENHO 01
Desenho:	Revisão: 0	
Data: 25/07/2023	Unidade: cm	FOLHA 81/94